

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062208.D
 Acq On : 30 Jun 2020 00:33
 Operator : JC/MD
 Sample : VN0629WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD02

Quant Time: Jun 30 04:32:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	220390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	373941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165278	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	159820	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
35) Dibromofluoromethane	7.55	113	127833	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
50) Toluene-d8	10.06	98	500521	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.38	95	163281	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	45453	18.246	ug/l	96
3) Chloromethane	2.03	50	63251	20.785	ug/l	99
4) Vinyl Chloride	2.16	62	74255	18.928	ug/l	98
5) Bromomethane	2.53	94	49774	19.631	ug/l	96
6) Chloroethane	2.67	64	52023	19.412	ug/l	97
7) Trichlorofluoromethane	2.98	101	91117	18.849	ug/l	99
8) Diethyl Ether	3.37	74	35750	21.180	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49155	19.418	ug/l	98
10) Methyl Iodide	3.91	142	58149	20.397	ug/l	99
11) Tert butyl alcohol	4.74	59	48860	110.030	ug/l	99
12) 1,1-Dichloroethene	3.69	96	50191	19.834	ug/l	96
13) Acrolein	3.57	56	41272	94.930	ug/l	99
14) Allyl chloride	4.28	41	72110	20.929	ug/l	100
15) Acrylonitrile	4.93	53	135132	111.672	ug/l	99
16) Acetone	3.78	43	107772	108.726	ug/l	97
17) Carbon Disulfide	4.01	76	141253	19.518	ug/l	99
18) Methyl Acetate	4.28	43	53728	21.853	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	171092	21.158	ug/l	100
20) Methylene Chloride	4.50	84	61421	21.510	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	55017	19.084	ug/l	93
22) Diisopropyl ether	5.90	45	169560	21.614	ug/l	96
23) Vinyl Acetate	5.84	43	683806	106.764	ug/l	98
24) 1,1-Dichloroethane	5.80	63	104981	20.782	ug/l	98
25) 2-Butanone	6.79	43	164744	108.977	ug/l	99
26) 2,2-Dichloropropane	6.78	77	69315	16.466	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64034	19.739	ug/l	98
28) Bromochloromethane	7.15	49	42570	19.422	ug/l	95
29) Tetrahydrofuran	7.17	42	111081	112.174	ug/l	98
30) Chloroform	7.33	83	105140	20.457	ug/l	98
31) Cyclohexane	7.61	56	86732	20.298	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	86312	19.913	ug/l	98
36) 1,1-Dichloropropene	7.75	75	76791	18.900	ug/l	98
37) Ethyl Acetate	6.88	43	71503	21.253	ug/l	98
38) Carbon Tetrachloride	7.73	117	72684	18.975	ug/l	92

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Quant Time: Jun 30 04:32:03 2020
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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	82142	18.451	ug/l	97
40) Benzene	8.00	78	239433	19.334	ug/l	100
41) Methacrylonitrile	7.13	41	28702	18.401	ug/l #	75
42) 1,2-Dichloroethane	8.09	62	85277	20.381	ug/l	98
43) Isopropyl Acetate	8.13	43	114182	20.819	ug/l	99
44) Trichloroethene	8.80	130	57130	18.288	ug/l	99
45) 1,2-Dichloropropane	9.08	63	62264	20.380	ug/l	98
46) Dibromomethane	9.17	93	40518	19.560	ug/l	98
47) Bromodichloromethane	9.37	83	82353	19.690	ug/l	100
48) Methyl methacrylate	9.17	41	50627	20.587	ug/l	96
49) 1,4-Dioxane	9.17	88	22379	410.366	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	346439	108.114	ug/l	99
52) Toluene	10.12	92	148477	19.650	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	86211	18.735	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	94828	19.357	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	60025	20.209	ug/l	97
56) Ethyl methacrylate	10.40	69	79888	20.154	ug/l	100
57) 1,3-Dichloropropane	10.68	76	103199	20.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	145834	96.949	ug/l	99
59) 2-Hexanone	10.72	43	250667	108.331	ug/l	99
60) Dibromochloromethane	10.87	129	61141	19.443	ug/l	99
61) 1,2-Dibromoethane	10.98	107	58600	19.201	ug/l	100
64) Tetrachloroethene	10.60	164	47317	18.524	ug/l	98
65) Chlorobenzene	11.41	112	157514	19.181	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	55086	19.399	ug/l	99
67) Ethyl Benzene	11.48	91	267110	19.260	ug/l	99
68) m/p-Xylenes	11.60	106	206502	38.496	ug/l	99
69) o-Xylene	11.92	106	98689	19.499	ug/l	99
70) Styrene	11.94	104	162752	19.282	ug/l	99
71) Bromoform	12.10	173	37569	18.608	ug/l #	98
73) Isopropylbenzene	12.22	105	258579	20.211	ug/l	100
74) N-amyl acetate	12.05	43	87505	20.681	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	89659	21.059	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	107312	27.581	ug/l #	100
77) Bromobenzene	12.50	156	60546	19.062	ug/l	94
78) n-propylbenzene	12.57	91	295786	20.212	ug/l	99
79) 2-Chlorotoluene	12.65	91	176444	19.944	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	211841	20.426	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24872	18.669	ug/l	97
82) 4-Chlorotoluene	12.75	91	180151	19.691	ug/l	100
83) tert-Butylbenzene	12.97	119	180713	20.360	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	209786	20.253	ug/l	99
85) sec-Butylbenzene	13.15	105	244696	20.864	ug/l	100
86) p-Isopropyltoluene	13.26	119	208291	20.271	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	105529	18.920	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	106871	18.588	ug/l	99
89) n-Butylbenzene	13.59	91	166562	19.497	ug/l	99
90) Hexachloroethane	13.85	117	41194	20.433	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	106212	19.638	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14707	21.564	ug/l	96

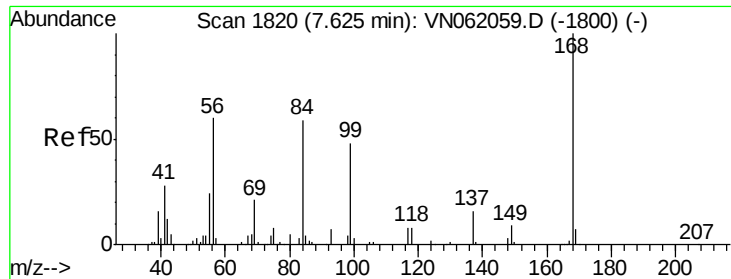
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
Data File : VN062208.D
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	42989	18.194	ug/l	99
94) Hexachlorobutadiene	14.99	225	20473	19.950	ug/l	97
95) Naphthalene	15.10	128	129450	19.114	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	45517	18.840	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampled :

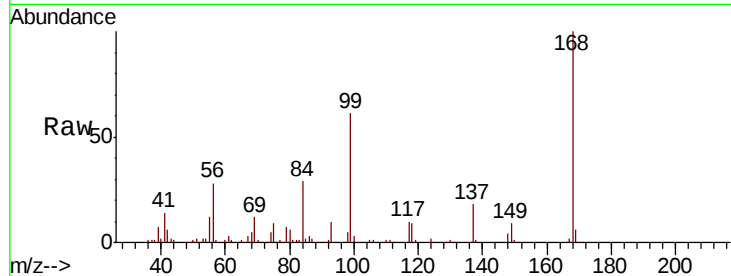
VN0629WBSD02

Tot Ion:168 Resp: 220390

Ion Ratio Lower Upper

168 100

99 60.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

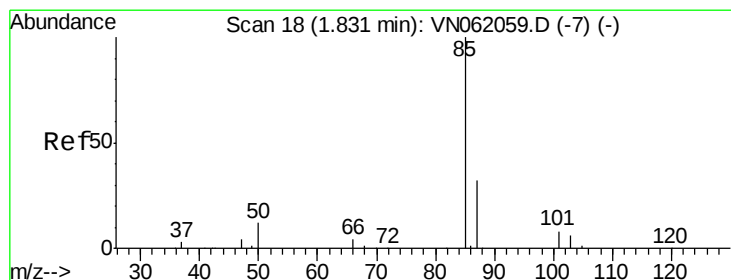
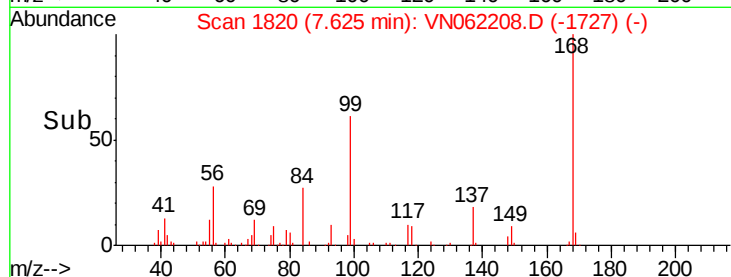
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.246 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062208.D

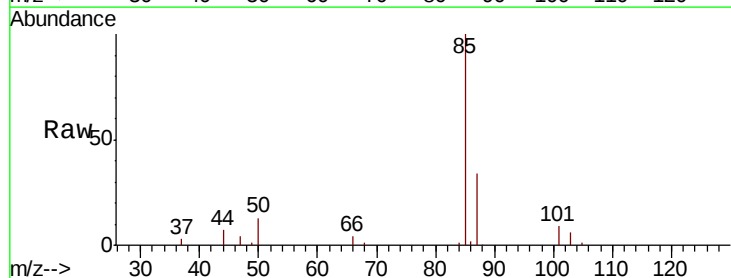
Acq: 30 Jun 2020 00:33

Tgt Ion: 85 Resp: 45453

Ion Ratio Lower Upper

85 100

87 34.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

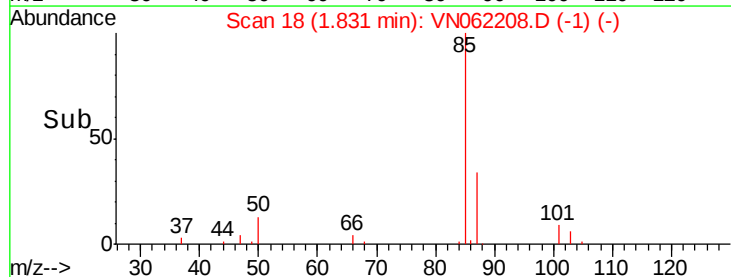
30000

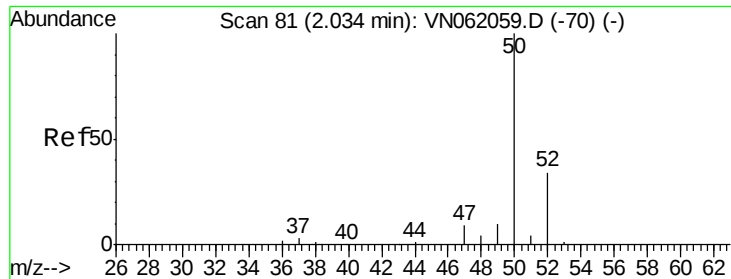
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 20.785 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

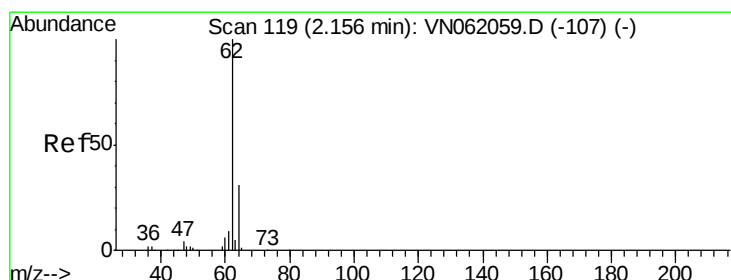
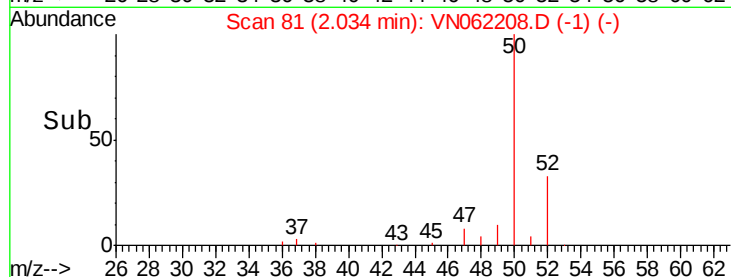
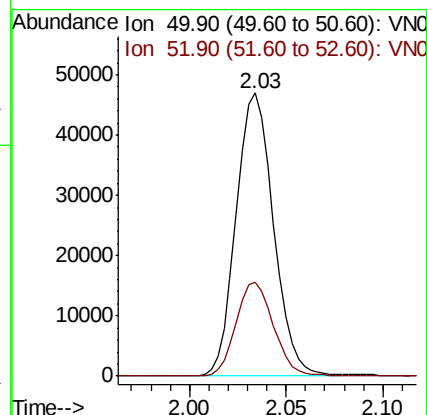
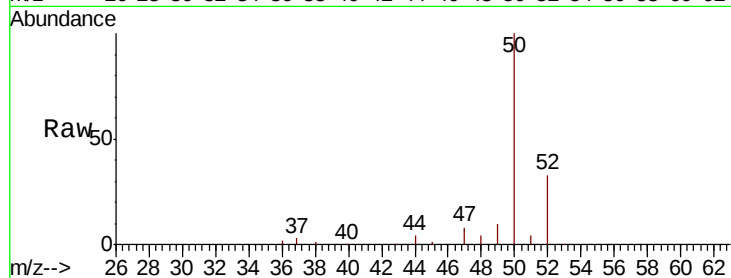
VN0629WBSD02

Tot Ion: 50 Resp: 63251

Ion Ratio Lower Upper

50 100

52 33.4 27.0 40.6



#4

Vinyl Chloride

Concen: 18.928 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062208.D

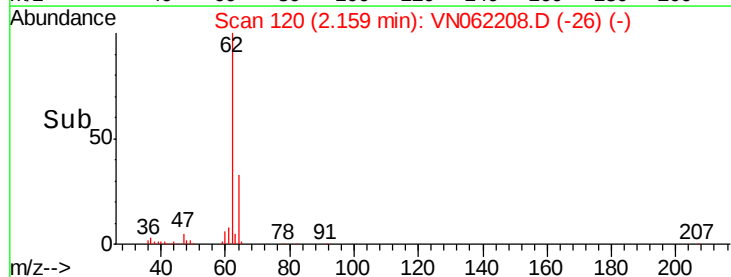
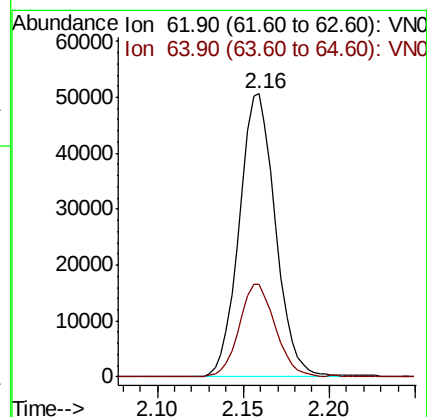
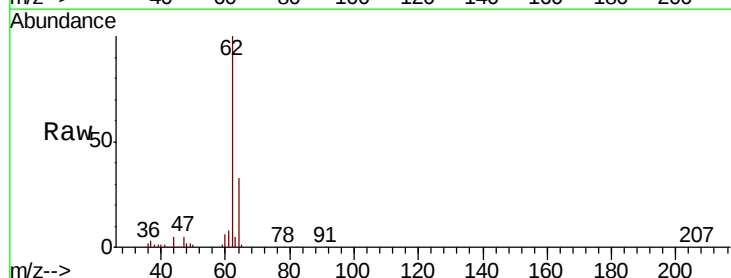
Acq: 30 Jun 2020 00:33

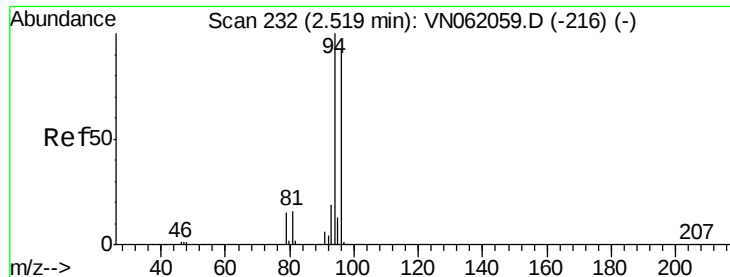
Tgt Ion: 62 Resp: 74255

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7





#5

Bromomethane

Concen: 19.631 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleID :

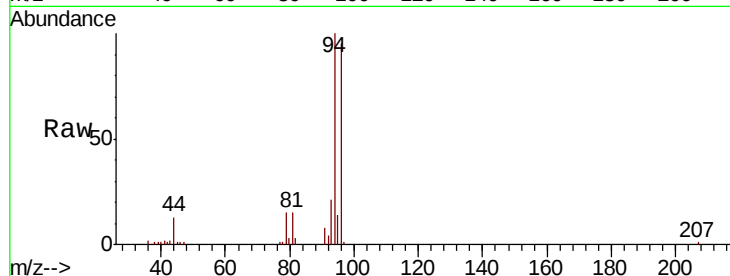
VN0629WBSD02

Tot Ion: 94 Resp: 49774

Ion Ratio Lower Upper

94 100

96 95.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062208.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062208.D (-139) (-)

2.53

25000

20000

15000

10000

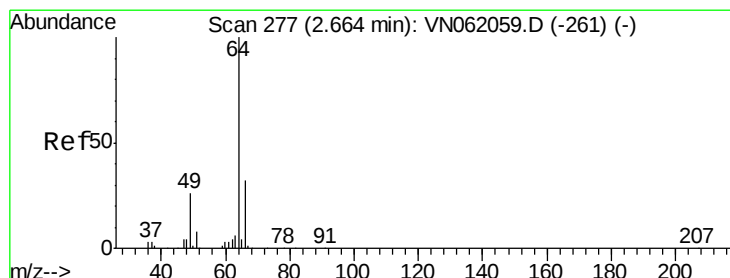
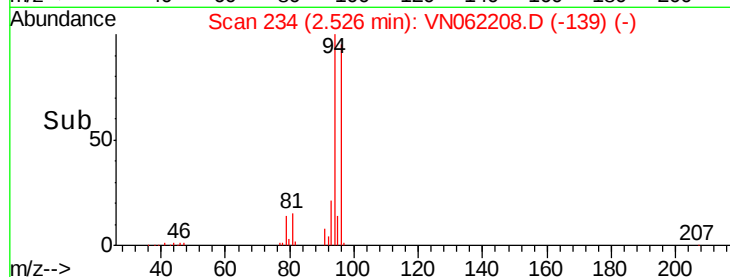
5000

0

Time-->

2.50

2.60



#6

Chloroethane

Concen: 19.412 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062208.D

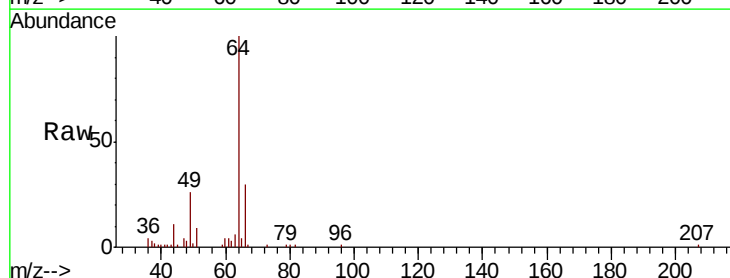
Acq: 30 Jun 2020 00:33

Tgt Ion: 64 Resp: 52023

Ion Ratio Lower Upper

64 100

66 30.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062208.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062208.D (-184) (-)

2.67

30000

25000

20000

15000

10000

5000

0

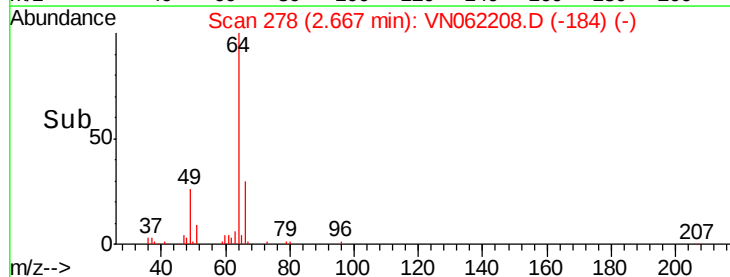
Time-->

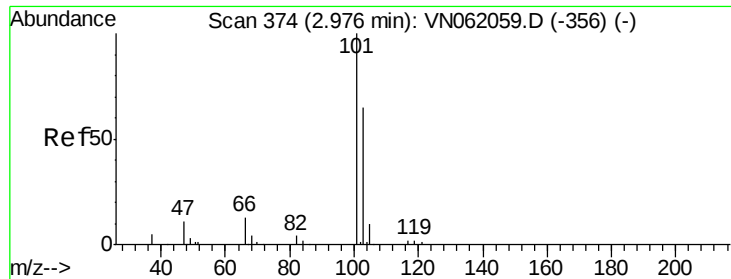
2.60

2.65

2.70

2.75



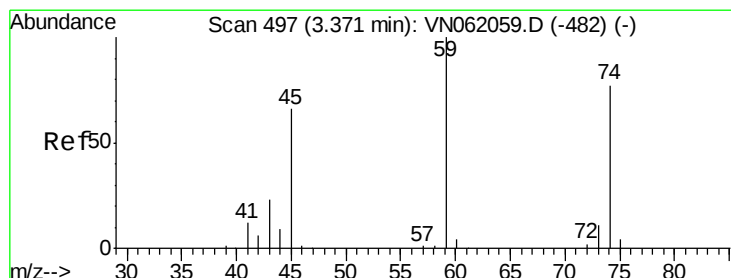
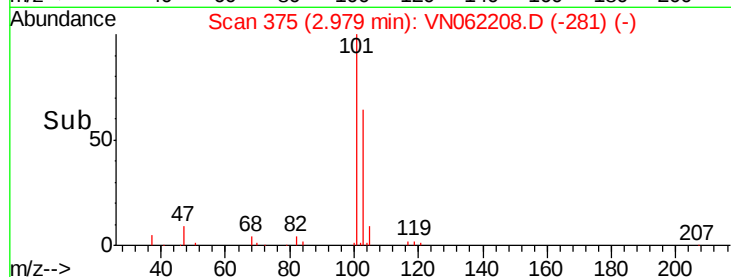
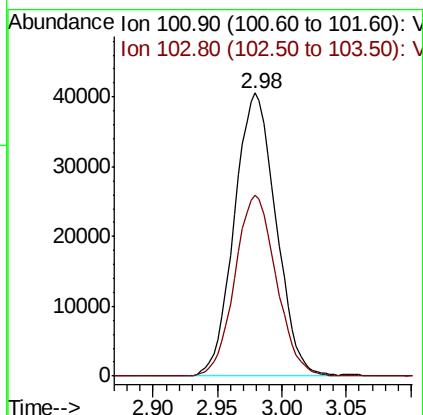
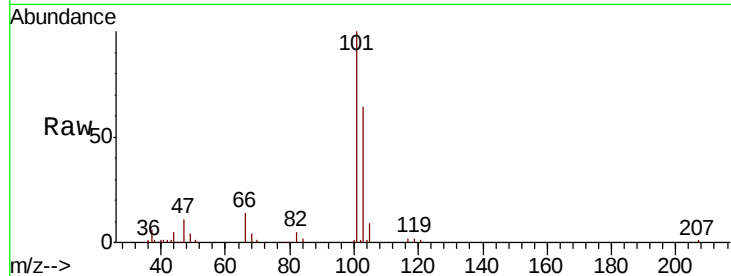


#7

Trichlorofluoromethane
 Concen: 18.849 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Instrument :
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 VN0629WBSD02

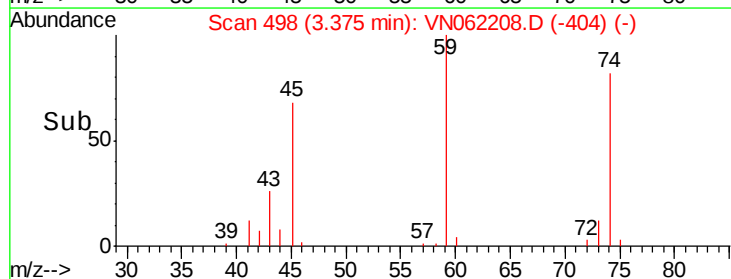
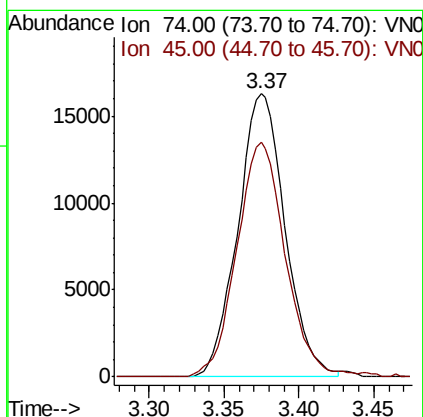
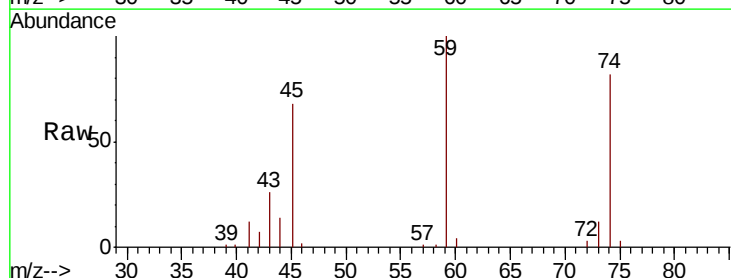
Tot Ion:101 Resp: 91117
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.8 77.6

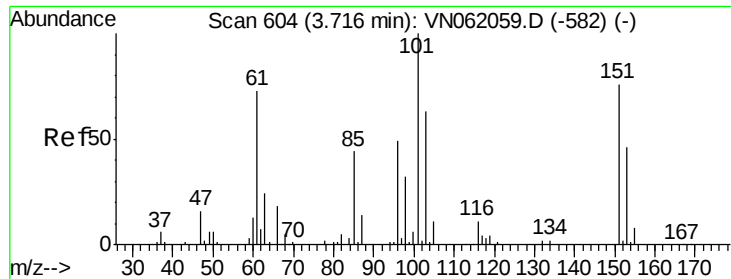


#8

Diethyl Ether
 Concen: 21.180 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Tgt Ion: 74 Resp: 35750
 Ion Ratio Lower Upper
 74 100
 45 84.9 42.5 127.5

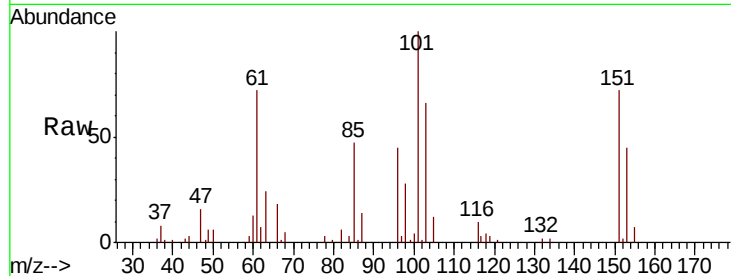




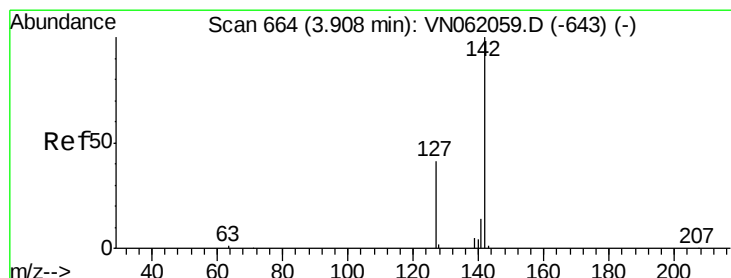
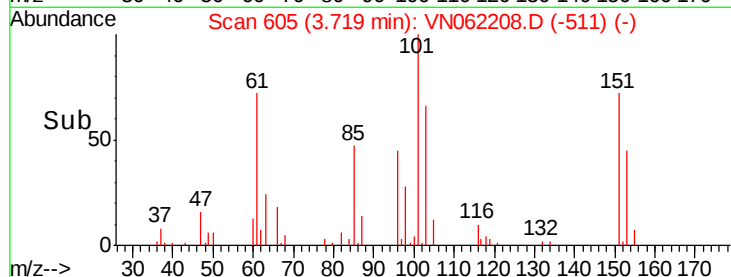
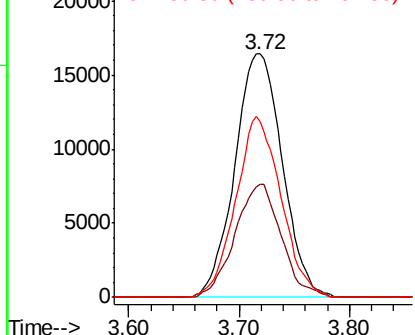
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.418 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Instrument :
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 VN0629WBSD02

Tot Ion:101 Resp: 49155
 Ion Ratio Lower Upper
 101 100
 85 45.1 34.5 51.7
 151 70.7 57.8 86.8

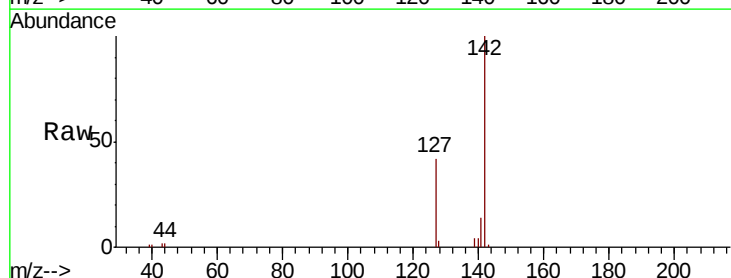


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

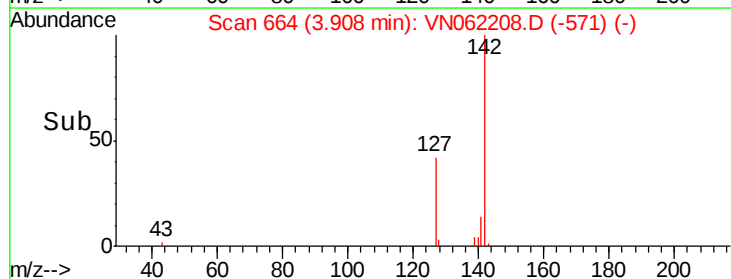
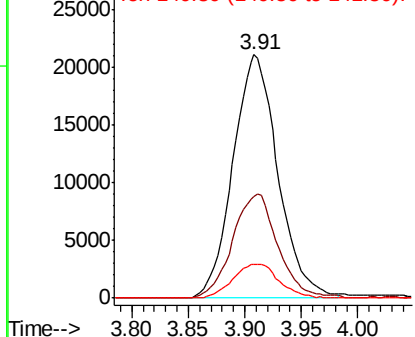


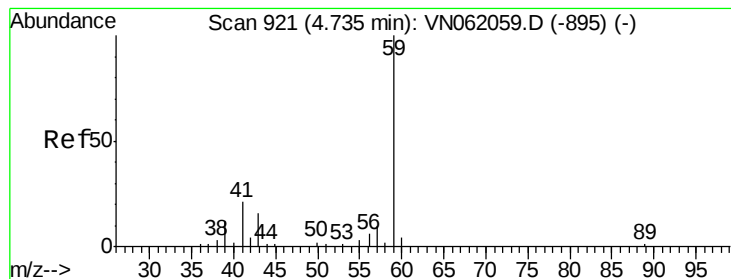
#10
 Methyl Iodide
 Concen: 20.397 ug/l
 RT: 3.91 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Tgt Ion:142 Resp: 58149
 Ion Ratio Lower Upper
 142 100
 127 43.1 33.6 50.4
 141 14.3 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 110.030 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

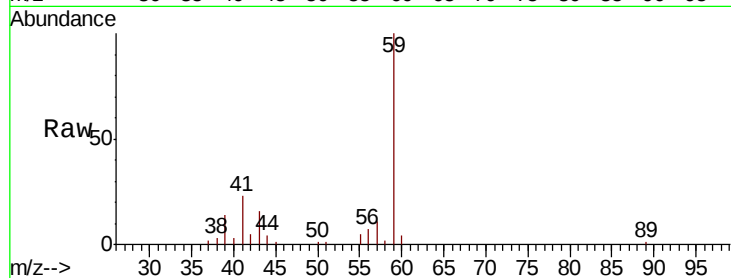
VN0629WBSD02

Tot Ion: 59 Resp: 48860

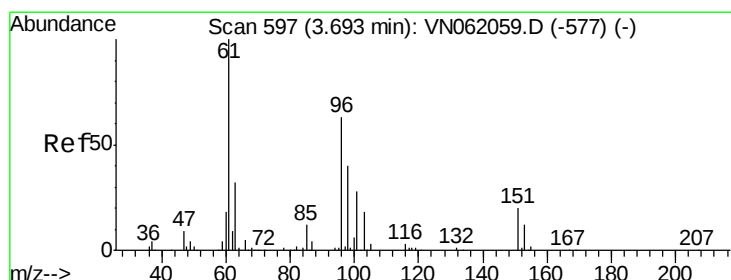
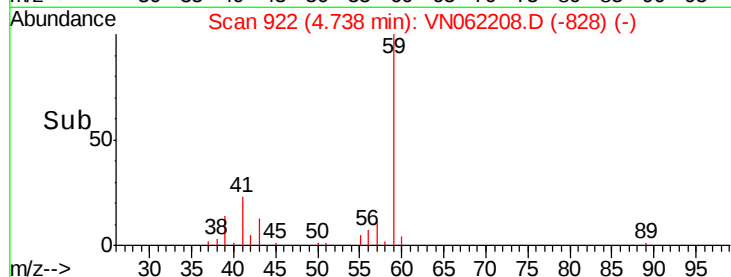
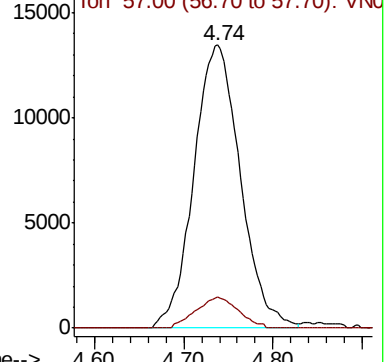
Ion Ratio Lower Upper

59 100

57 10.0 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN062208.D (-828) (-)



#12

1,1-Dichloroethene

Concen: 19.834 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

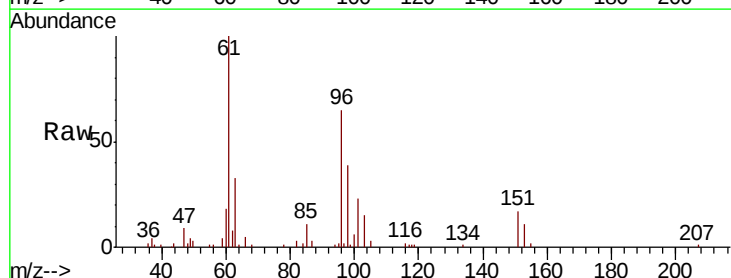
Tgt Ion: 96 Resp: 50191

Ion Ratio Lower Upper

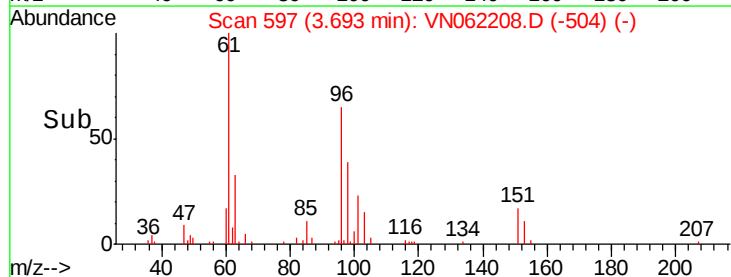
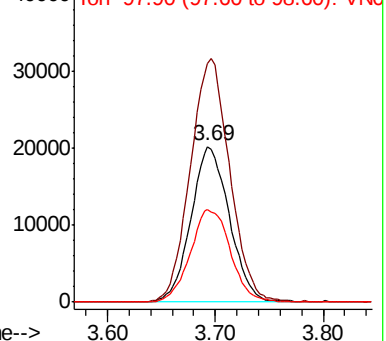
96 100

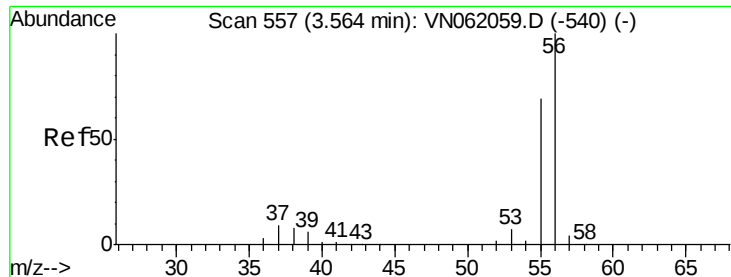
61 153.7 126.7 190.1

98 59.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062208.D (-504) (-)





#13

Acrolein

Concen: 94.930 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

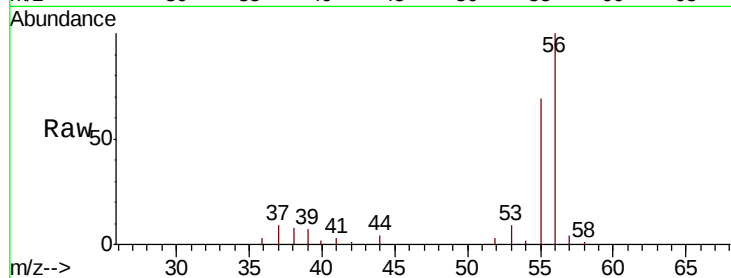
VN0629WBSD02

Tot Ion: 56 Resp: 41272

Ion Ratio Lower Upper

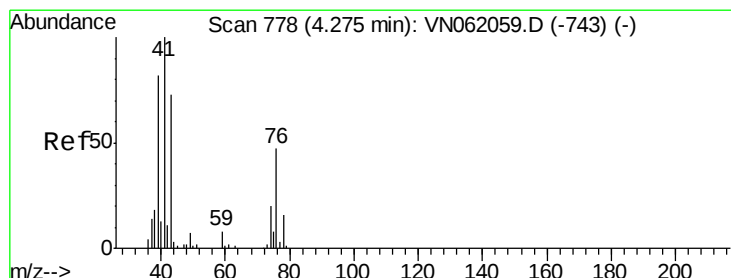
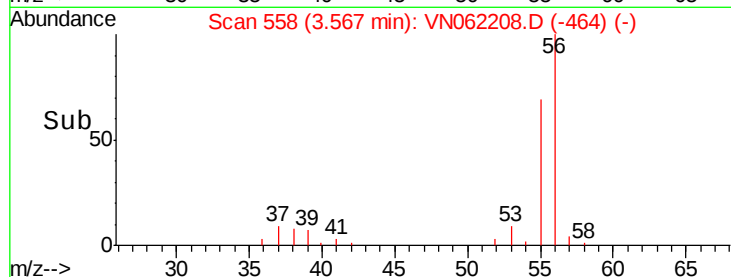
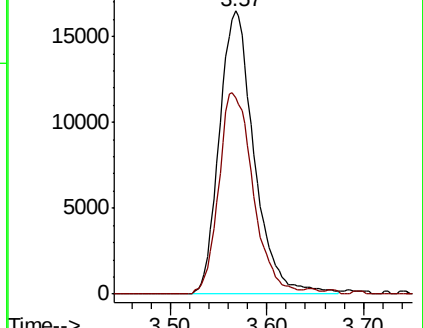
56 100

55 70.3 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062208.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN062208.D (-464) (-)



#14

Allyl chloride

Concen: 20.929 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

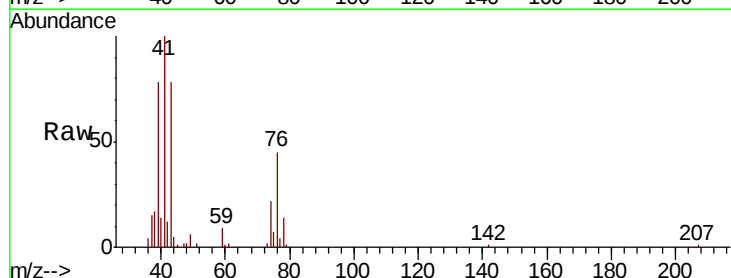
Tgt Ion: 41 Resp: 72110

Ion Ratio Lower Upper

41 100

39 74.9 60.0 90.0

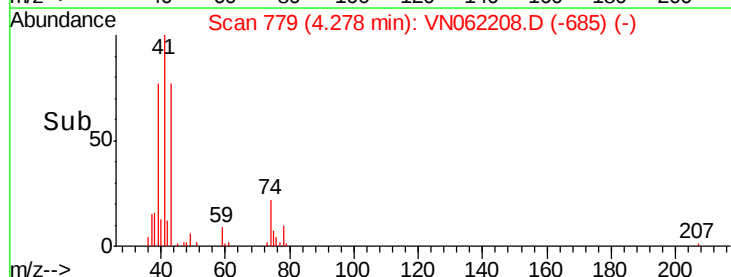
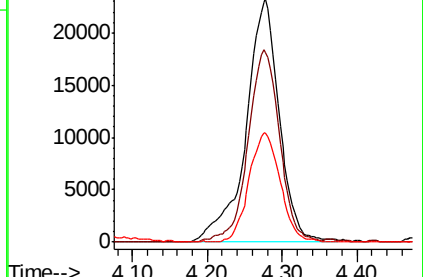
76 42.1 34.1 51.1

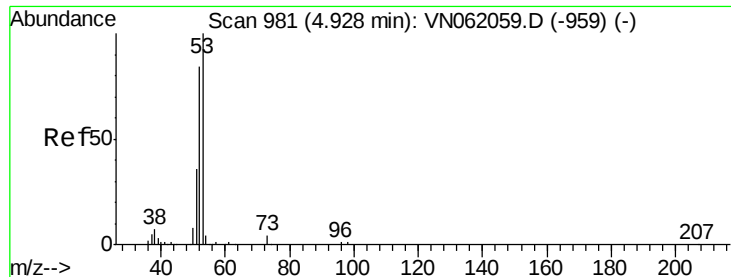


Abundance Ion 41.00 (40.70 to 41.70): VN062208.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062208.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062208.D (-685) (-)





#15

Acrylonitrile

Concen: 111.672 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleID :

VN0629WBSD02

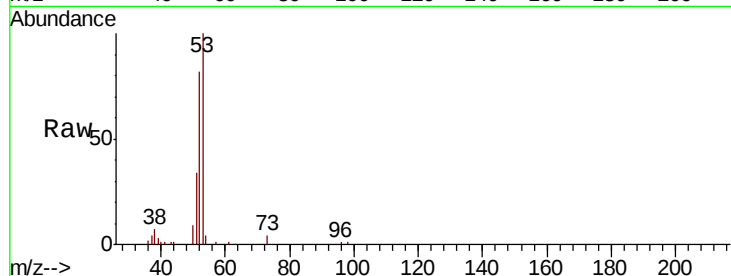
Tot Ion: 53 Resp: 135132

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.4

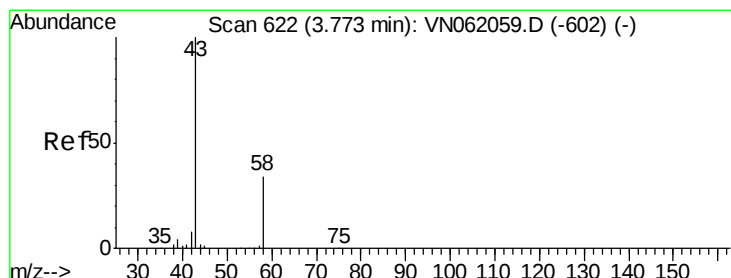
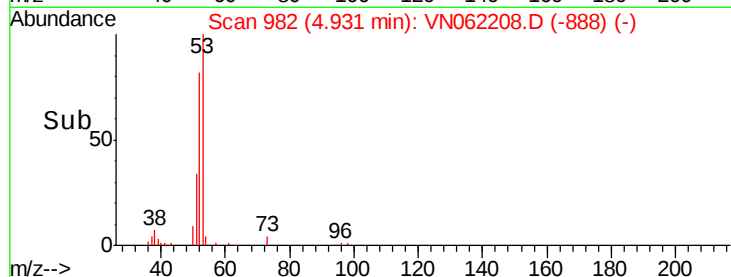
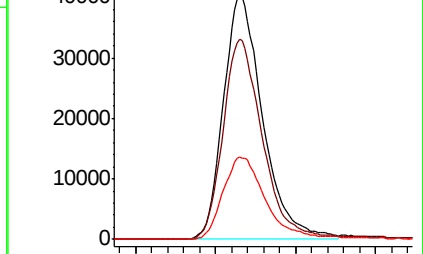
51 36.6 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062208.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062208.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062208.D (-959) (-)



#16

Acetone

Concen: 108.726 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062208.D

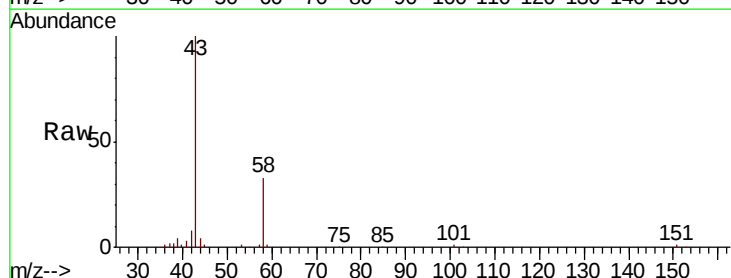
Acq: 30 Jun 2020 00:33

Tgt Ion: 43 Resp: 107772

Ion Ratio Lower Upper

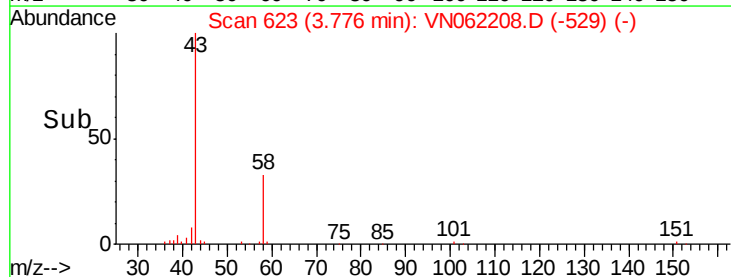
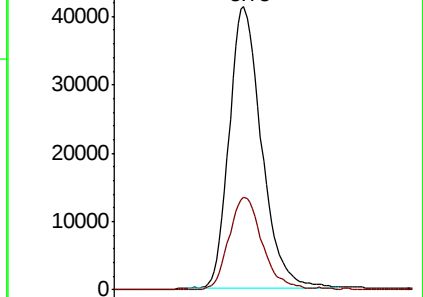
43 100

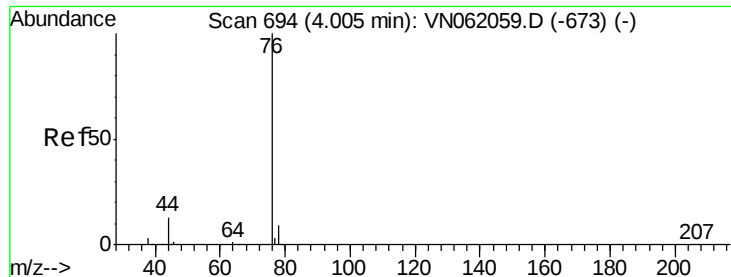
58 32.8 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062208.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062208.D (-529) (-)





#17

Carbon Disulfide

Concen: 19.518 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

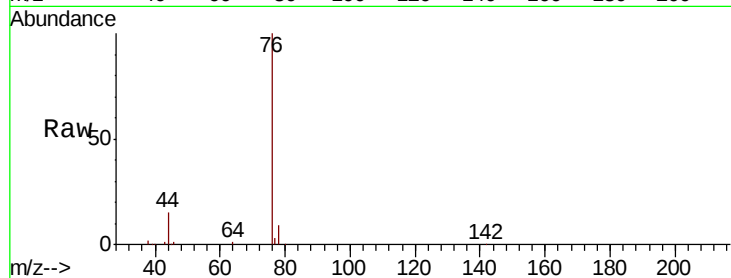
VN0629WBSD02

Tot Ion: 76 Resp: 141253

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062208.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062208.D (-600) (-)

4.01

60000

50000

40000

30000

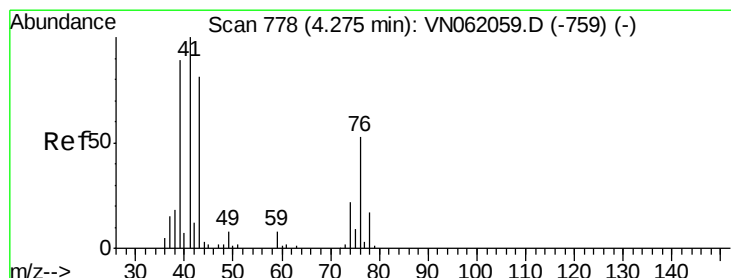
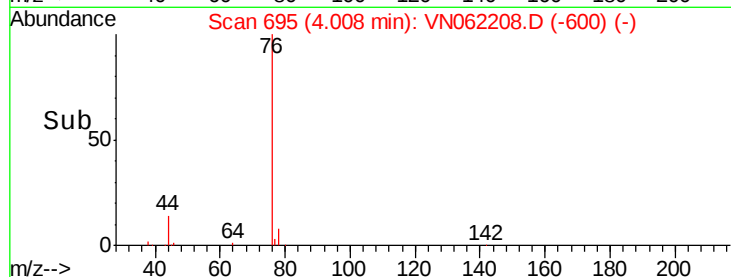
20000

10000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 21.853 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN062208.D

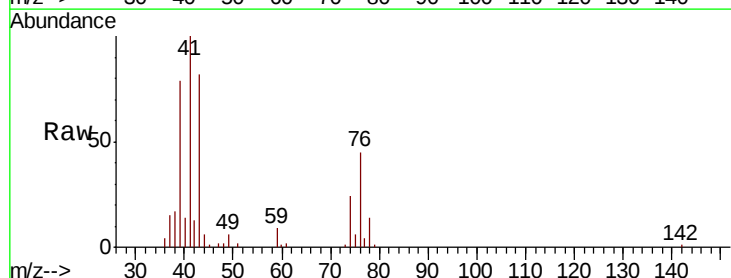
Acq: 30 Jun 2020 00:33

Tgt Ion: 43 Resp: 53728

Ion Ratio Lower Upper

43 100

74 27.7 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062208.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062208.D (-685) (-)

4.28

20000

15000

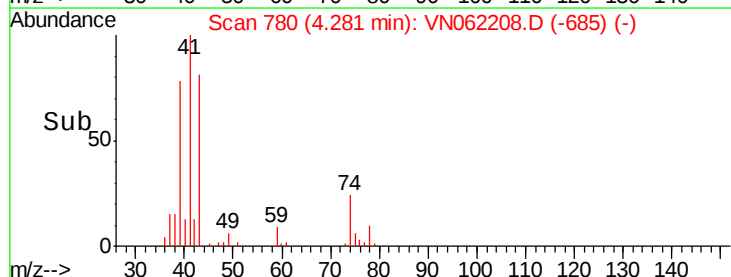
10000

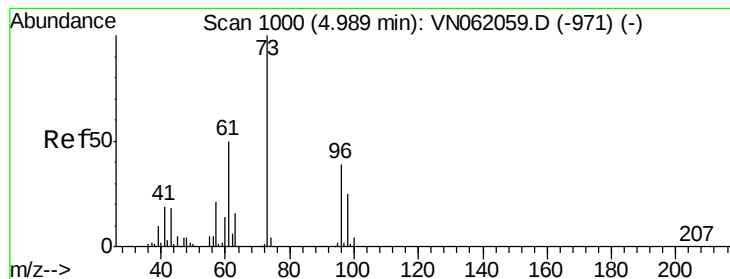
5000

0

Time-->

4.20 4.30 4.40



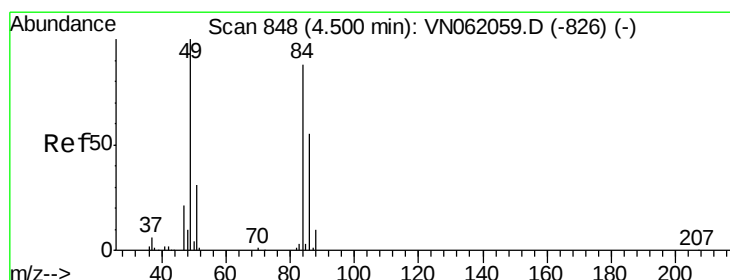
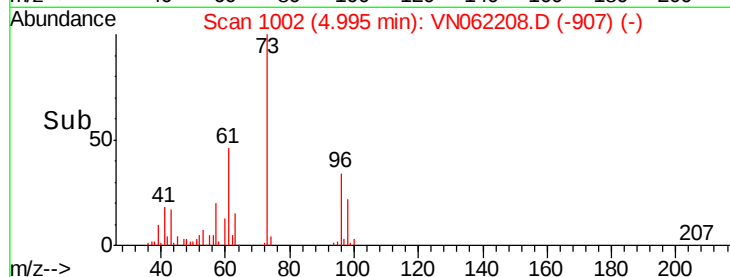
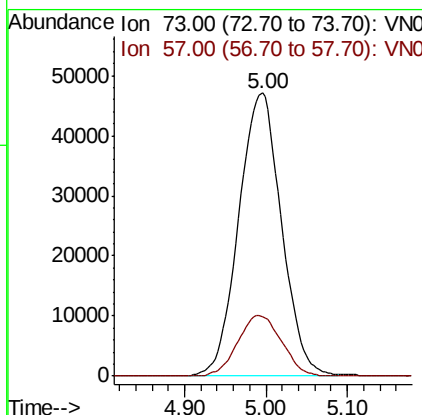
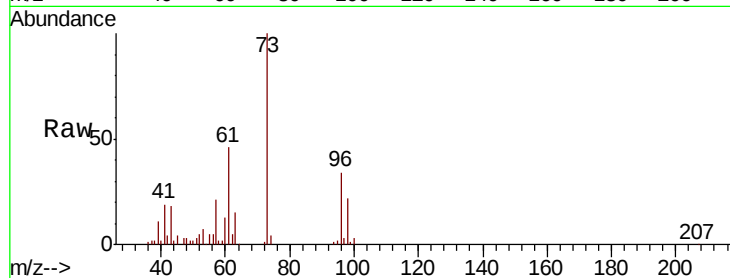


#19

Methyl tert-butyl Ether
 Concen: 21.158 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0629WBSD02

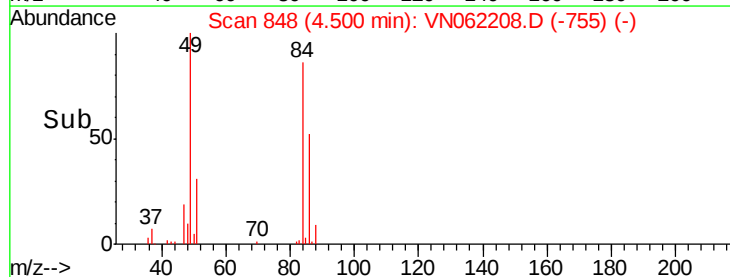
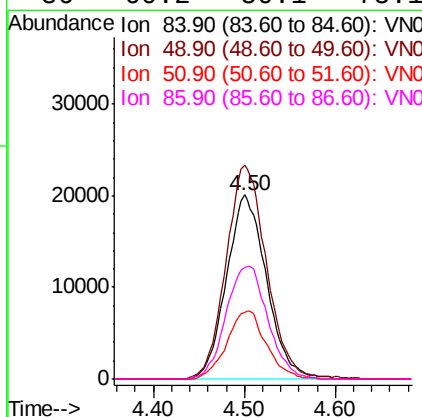
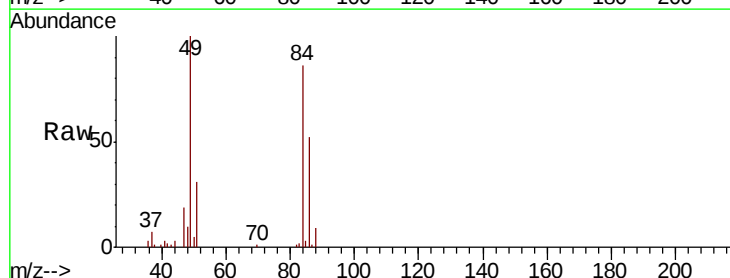
Tot Ion: 73 Resp: 171092
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.6 24.8

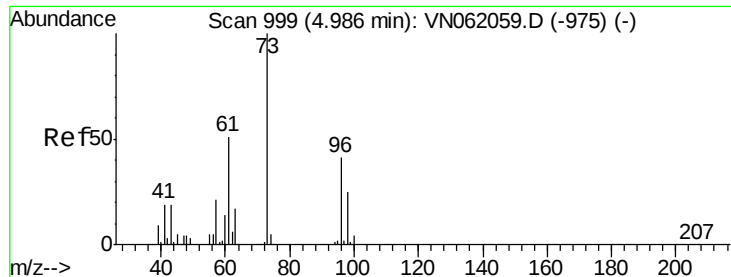


#20

Methylene Chloride
 Concen: 21.510 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Tgt Ion: 84 Resp: 61421
 Ion Ratio Lower Upper
 84 100
 49 115.2 90.6 136.0
 51 36.4 27.8 41.8
 86 60.2 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 19.084 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

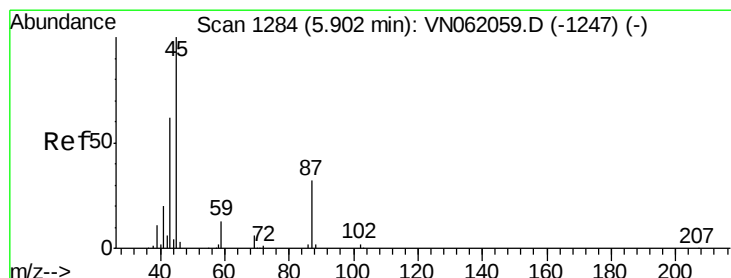
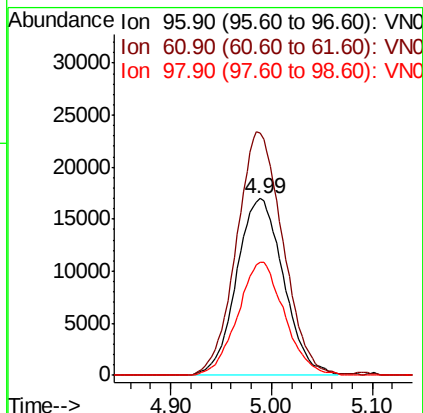
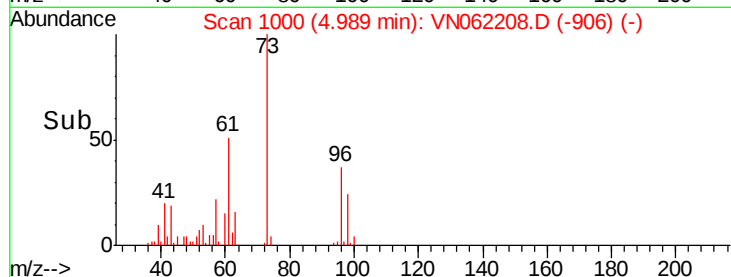
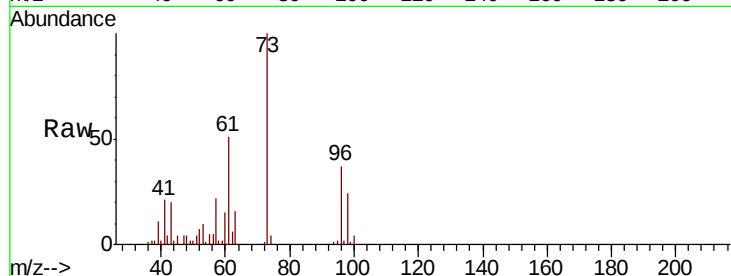
Tot Ion: 96 Resp: 55017

Ion Ratio Lower Upper

96 100

61 137.3 101.4 152.2

98 64.1 49.3 73.9



#22

Diisopropyl ether

Concen: 21.614 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Tgt Ion: 45 Resp: 169560

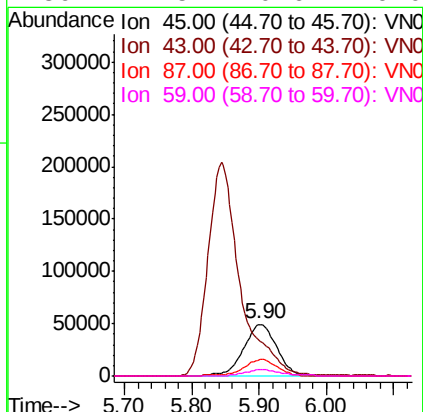
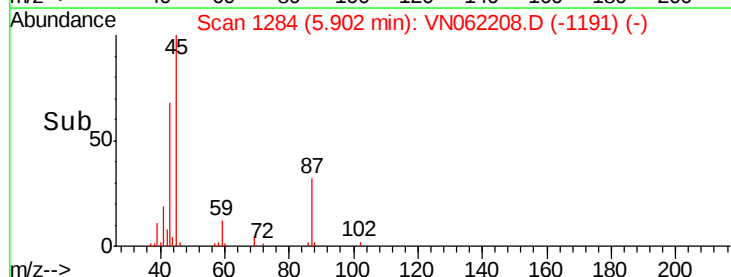
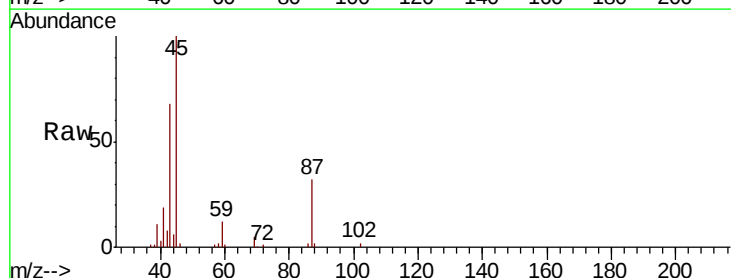
Ion Ratio Lower Upper

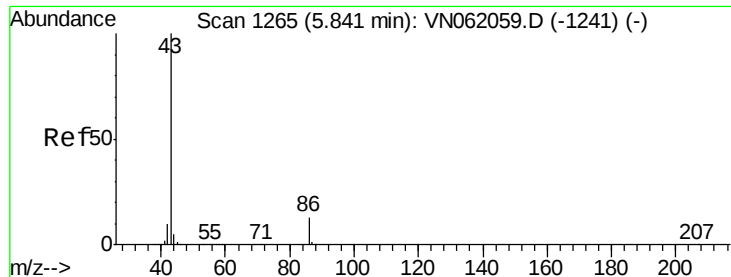
45 100

43 65.9 49.7 74.5

87 31.6 25.9 38.9

59 12.5 10.6 16.0





#23

Vinyl Acetate

Concen: 106.764 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

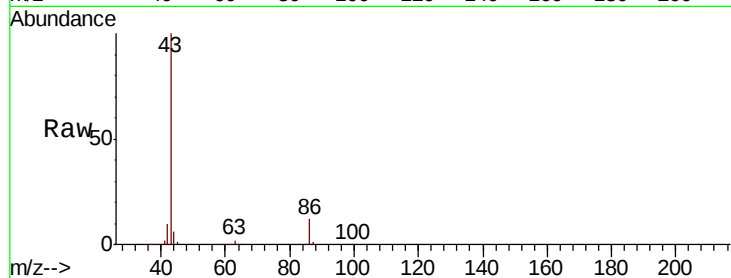
VN0629WBSD02

Tot Ion: 43 Resp: 683806

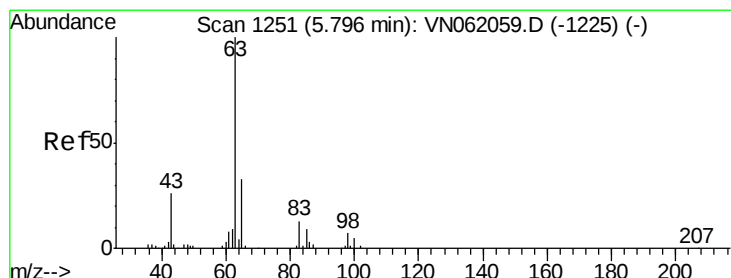
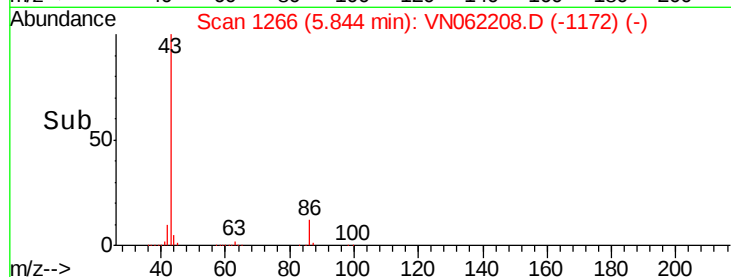
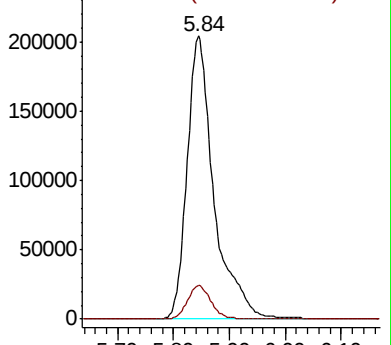
Ion Ratio Lower Upper

43 100

86 11.9 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062208.D (-1172) (-)



#24

1,1-Dichloroethane

Concen: 20.782 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

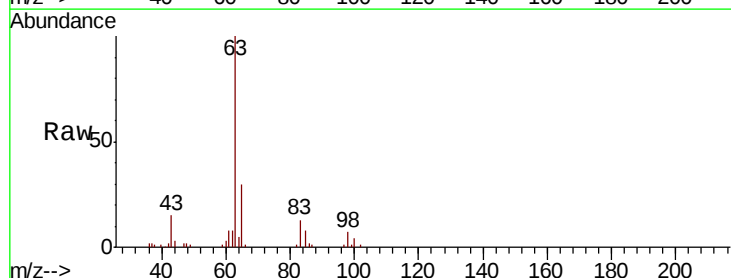
Tgt Ion: 63 Resp: 104981

Ion Ratio Lower Upper

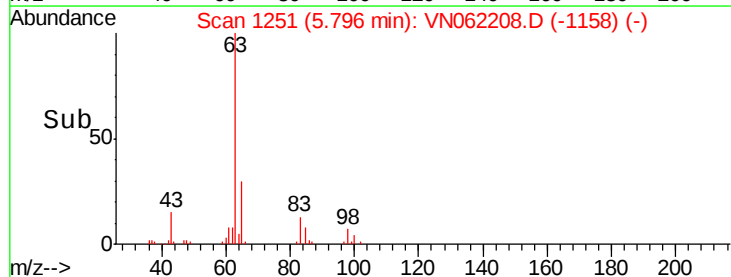
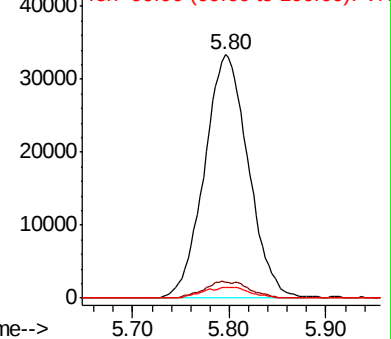
63 100

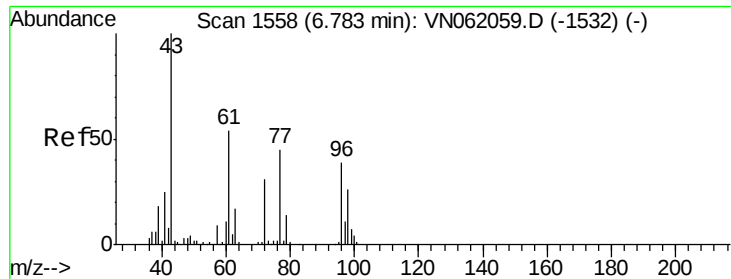
98 6.6 3.6 10.9

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062208.D (-1158) (-)

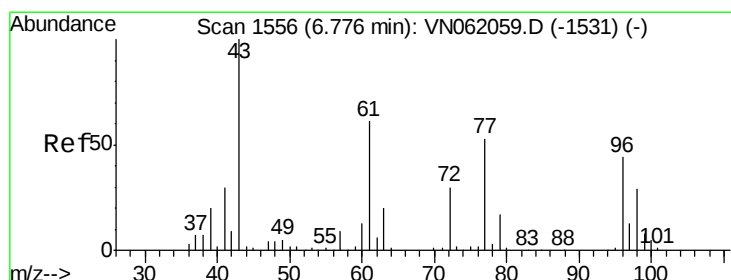
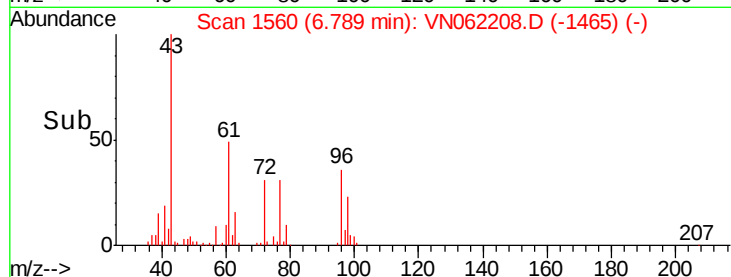
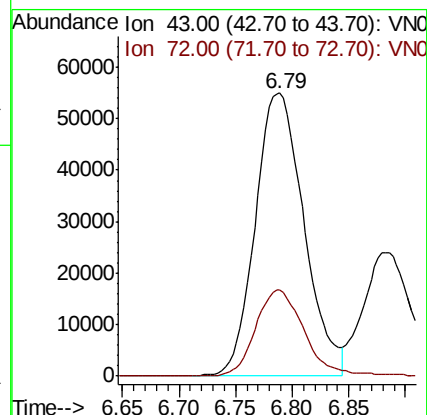
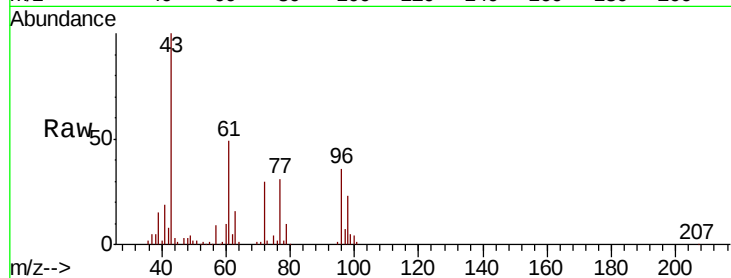




#25
2-Butanone
Concen: 108.977 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

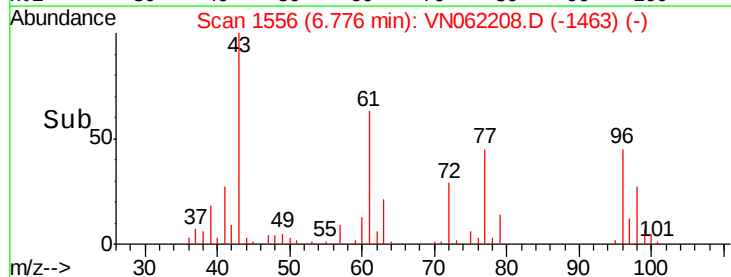
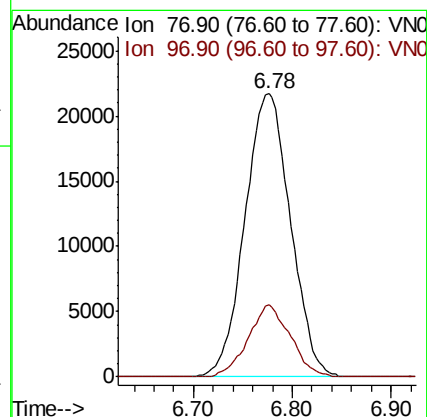
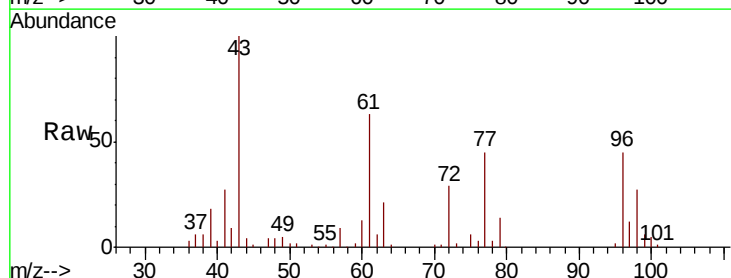
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD02

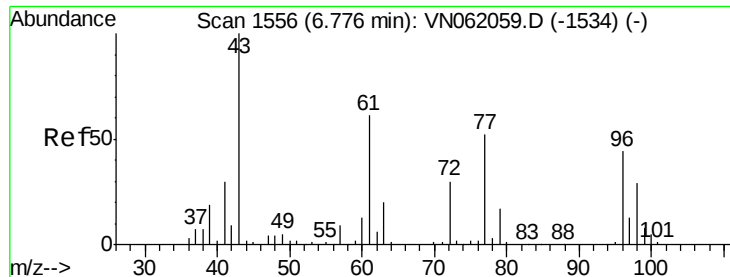
Tot Ion: 43 Resp: 164744
Ion Ratio Lower Upper
43 100
72 30.4 24.8 37.2



#26
2,2-Dichloropropane
Concen: 16.466 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Tgt Ion: 77 Resp: 69315
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.739 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

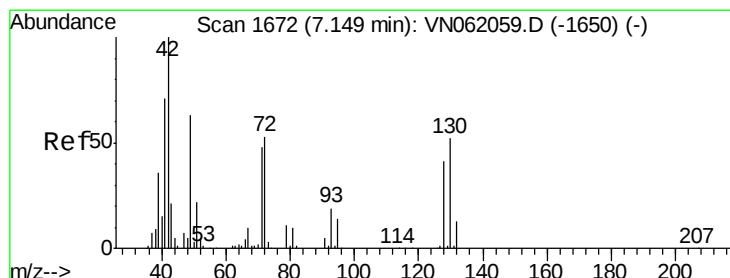
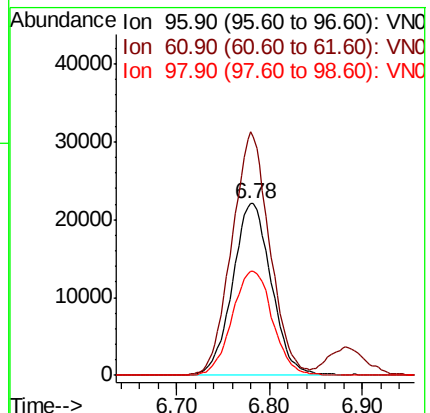
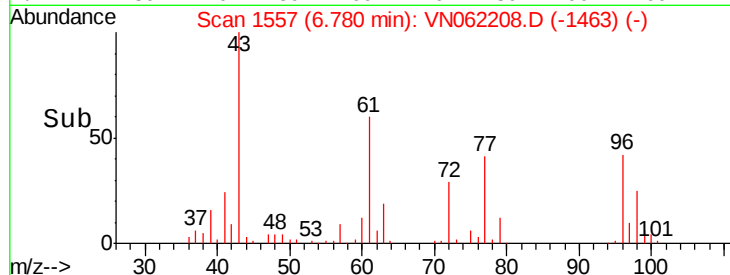
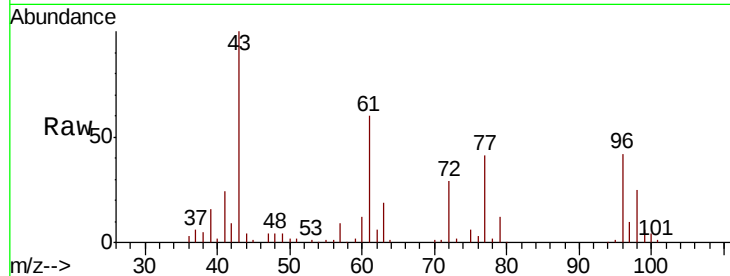
Tot Ion: 96 Resp: 64034

Ion Ratio Lower Upper

96 100

61 138.5 0.0 280.4

98 63.1 0.0 129.4



#28

Bromochloromethane

Concen: 19.422 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

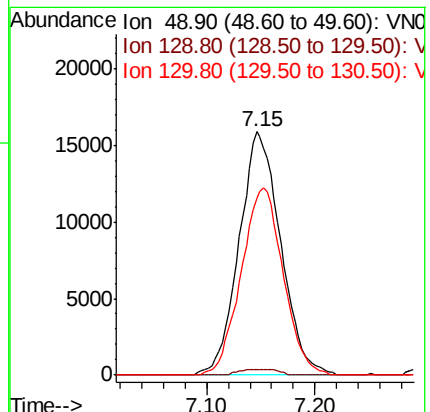
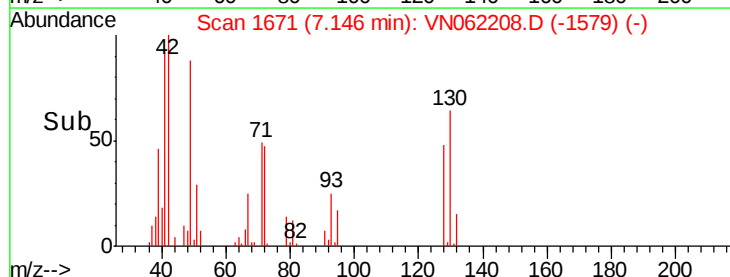
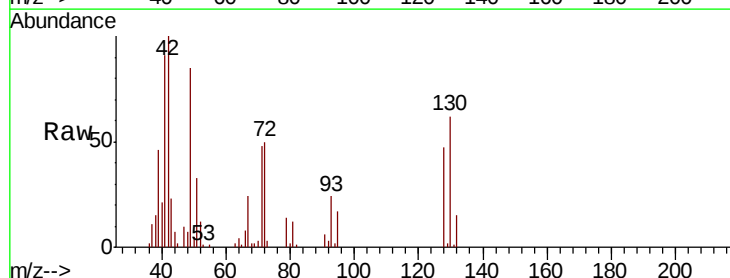
Tgt Ion: 49 Resp: 42570

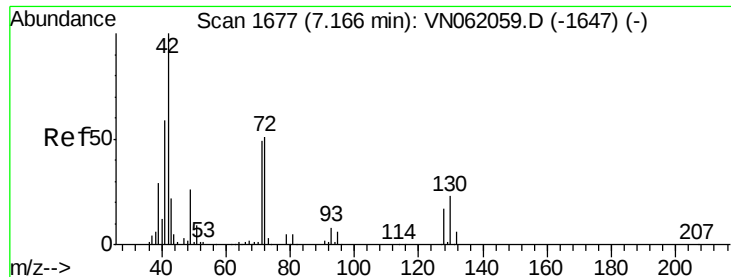
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.4

130 77.4 65.5 98.3





#29

Tetrahydrofuran

Concen: 112.174 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

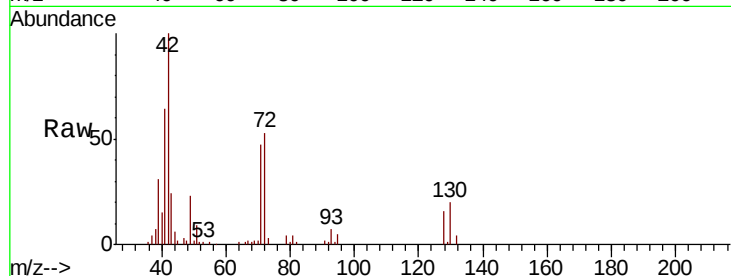
Tot Ion: 42 Resp: 111081

Ion Ratio Lower Upper

42 100

72 49.6 41.1 61.7

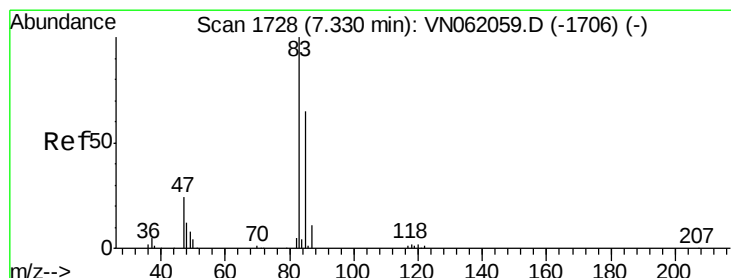
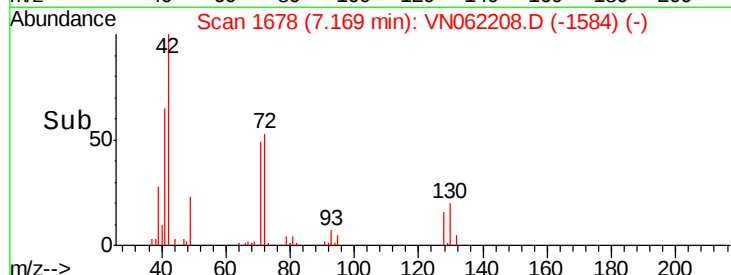
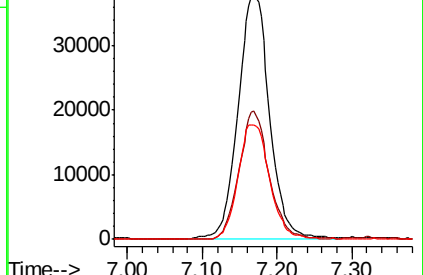
71 46.9 38.2 57.4



Abundance Ion 42.00 (41.70 to 42.70): VN062208.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN062208.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN062208.D (-1647) (-)



#30

Chloroform

Concen: 20.457 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062208.D

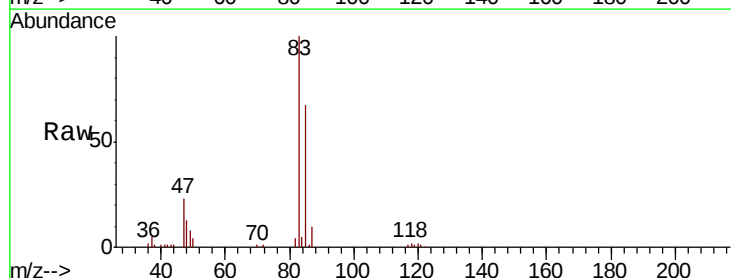
Acq: 30 Jun 2020 00:33

Tgt Ion: 83 Resp: 105140

Ion Ratio Lower Upper

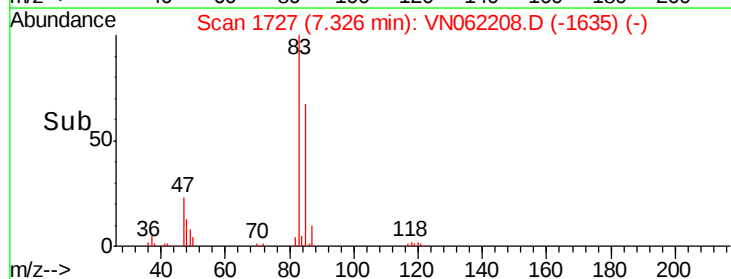
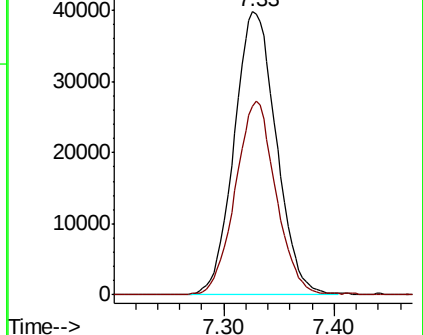
83 100

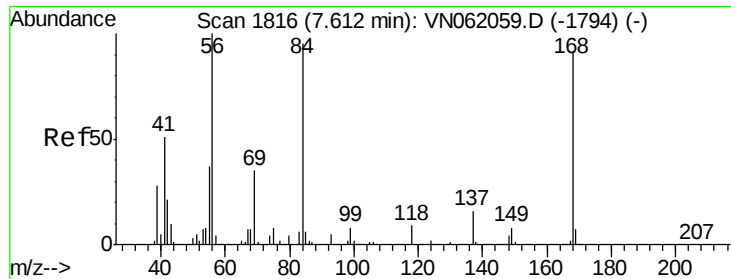
85 66.6 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN062208.D (-1635) (-)

Ion 84.90 (84.60 to 85.60): VN062208.D (-1635) (-)





#31

Cyclohexane

Concen: 20.298 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

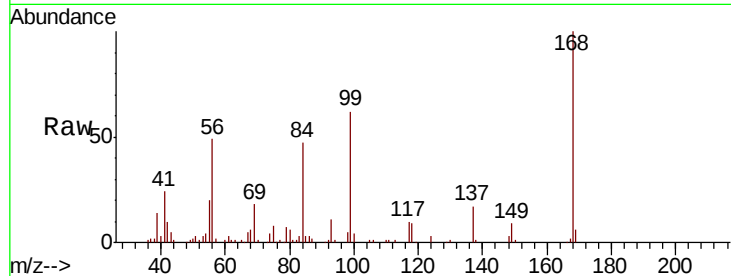
Tot Ion: 56 Resp: 86732

Ion Ratio Lower Upper

56 100

69 36.4 28.0 42.0

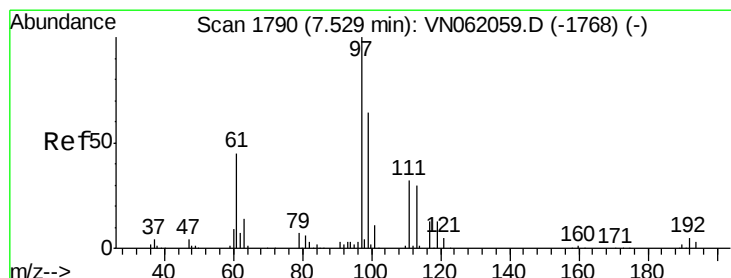
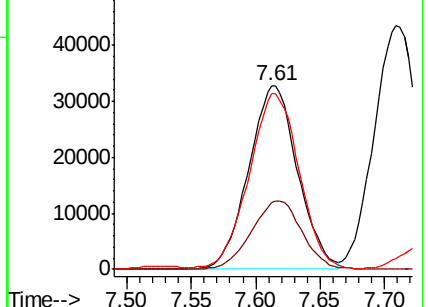
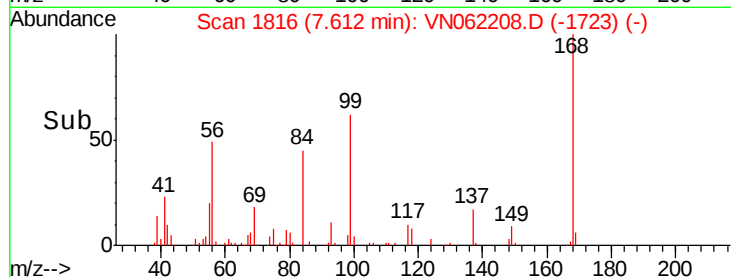
84 94.9 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062208.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062208.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062208.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 19.913 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

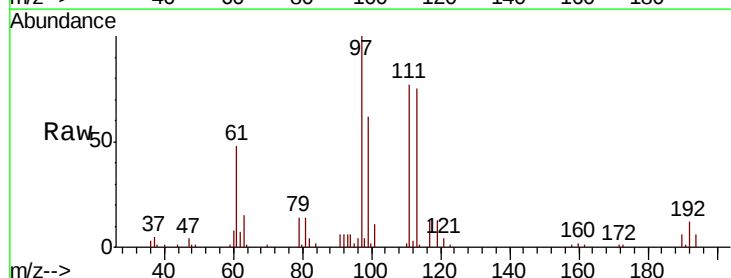
Tgt Ion: 97 Resp: 86312

Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

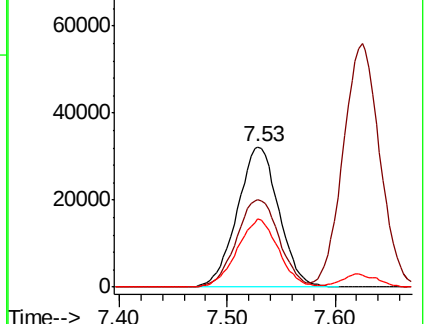
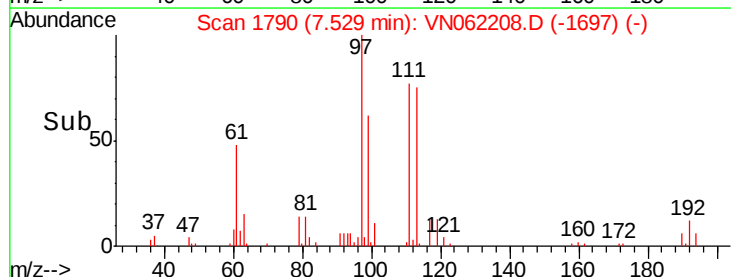
61 47.9 36.2 54.2

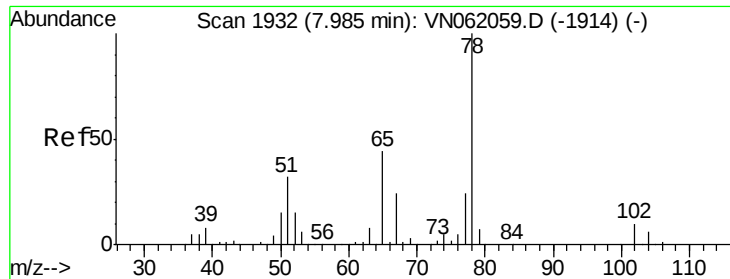


Abundance Ion 96.90 (96.60 to 97.60): VN062208.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062208.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062208.D (-1697) (-)

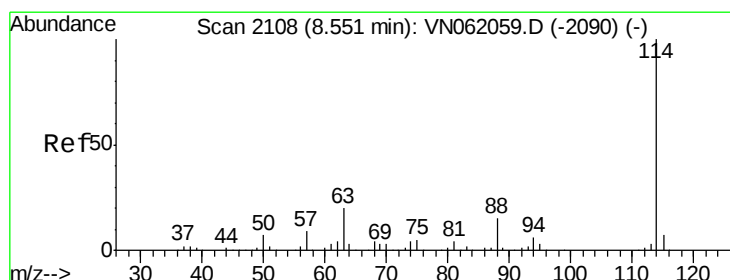
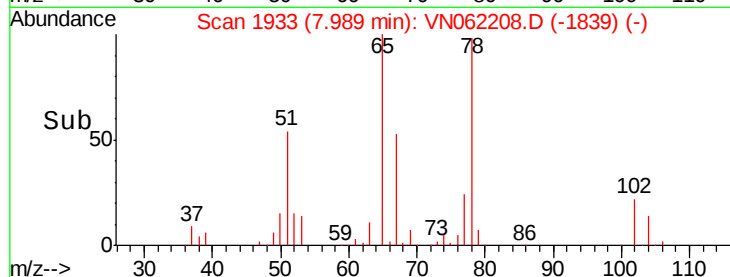
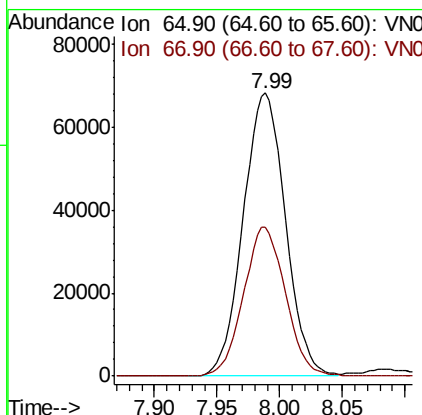
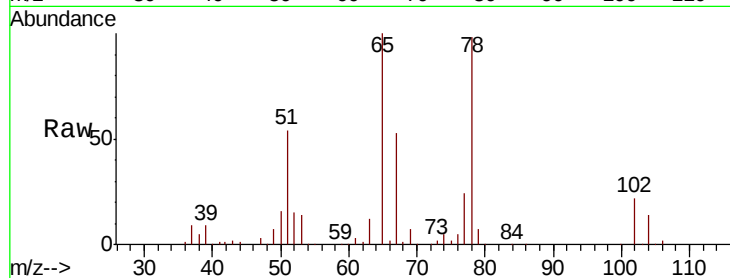




#33
 1,2-Dichloroethane-d4
 Concen: 51.675 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

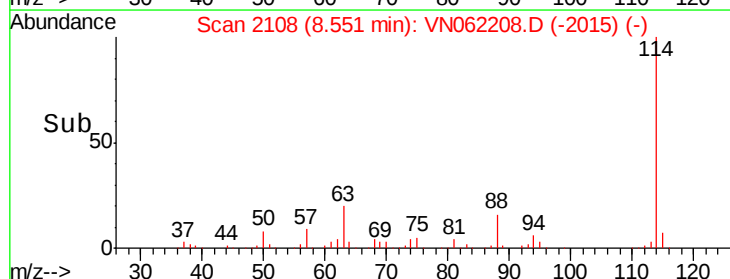
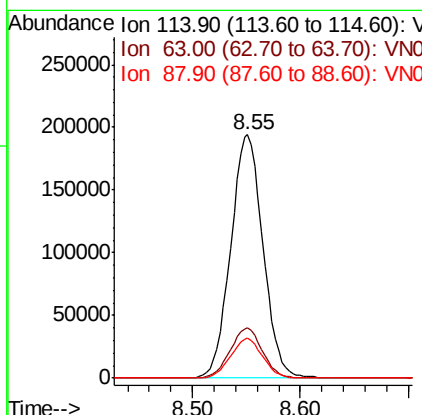
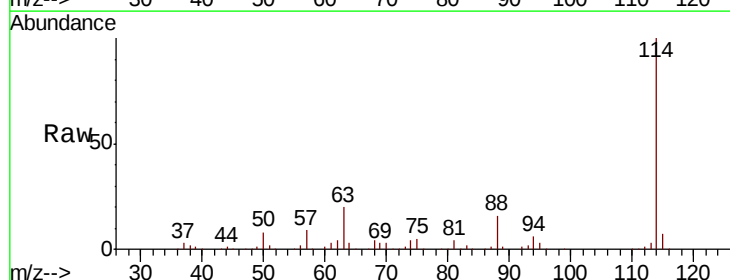
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD02

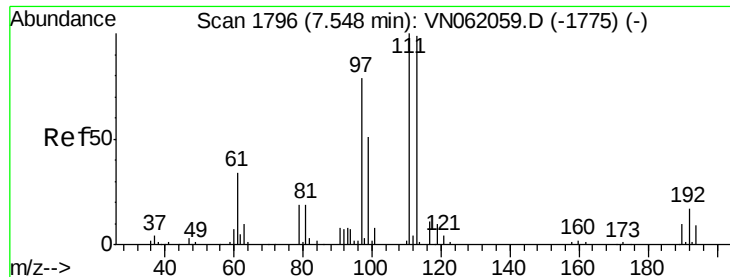
Tot Ion: 65 Resp: 159820
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Tgt Ion: 114 Resp: 404224
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 16.3 0.0 30.8

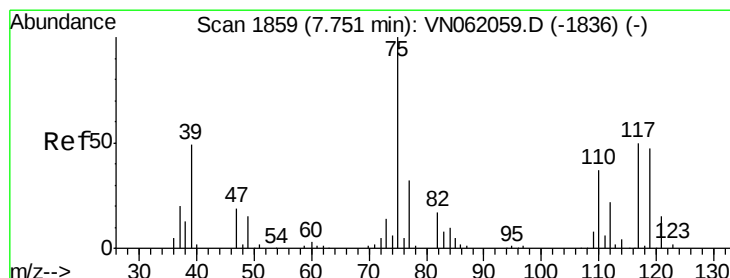
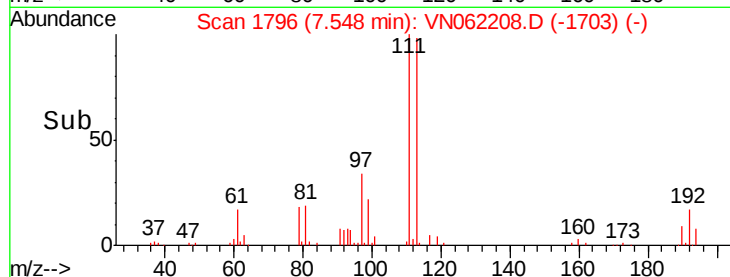
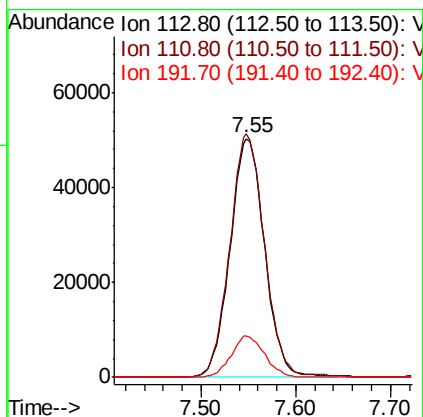
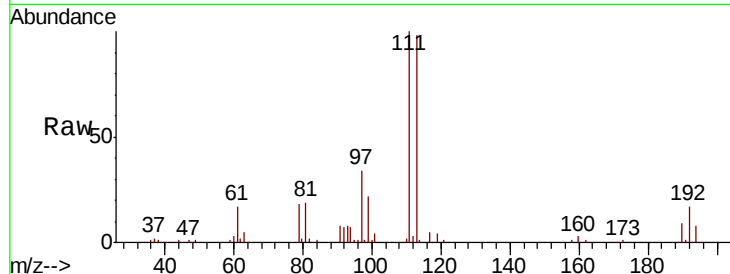




#35
 Dibromofluoromethane
 Concen: 49.294 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

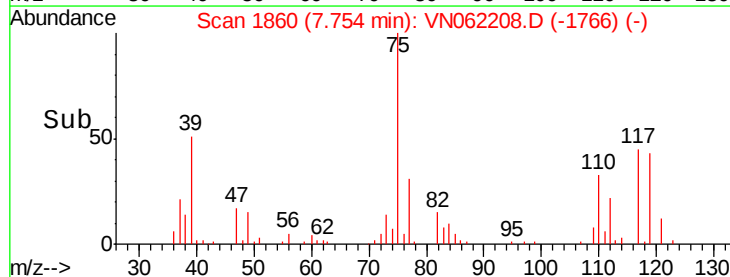
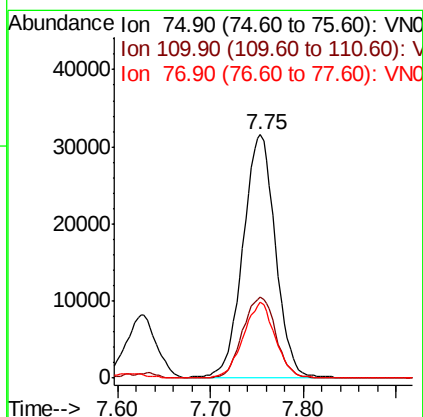
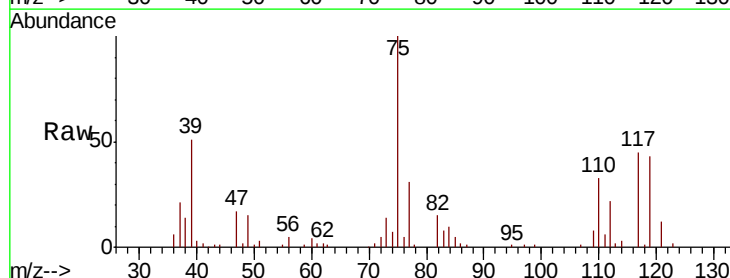
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD02

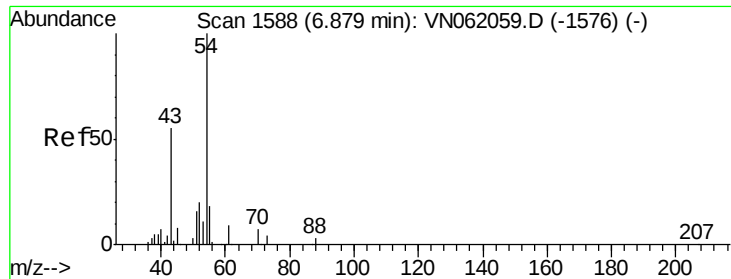
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	16.7	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 18.900 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.9	53.8
77	30.5	24.9	37.3

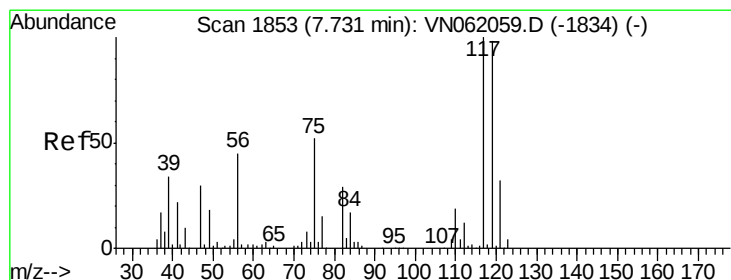
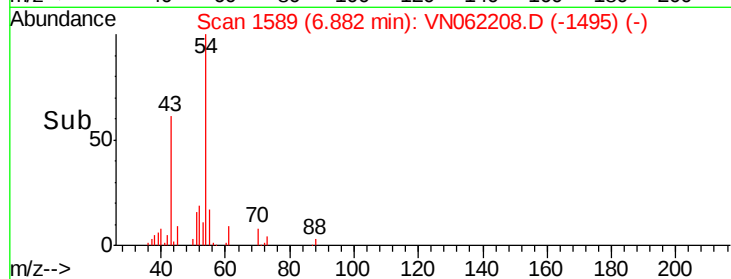
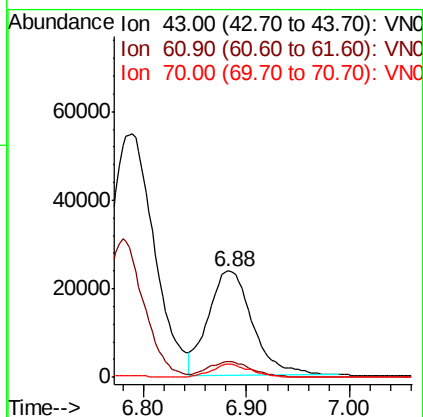
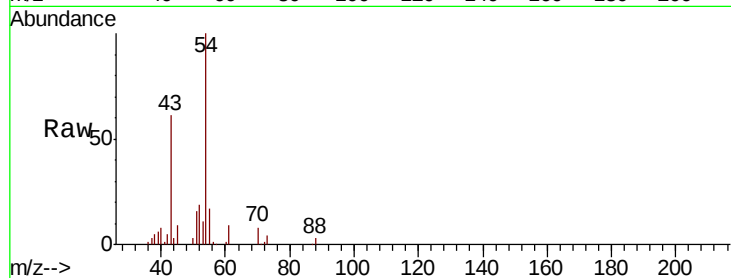




#37
Ethyl Acetate
Concen: 21.253 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

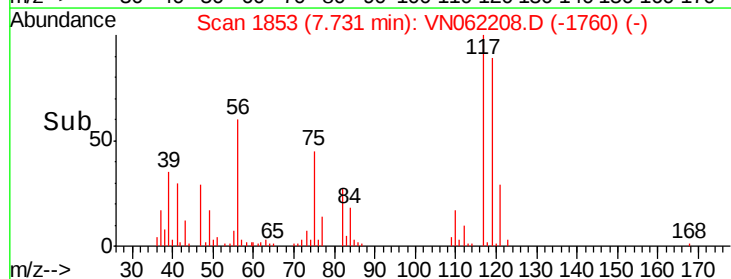
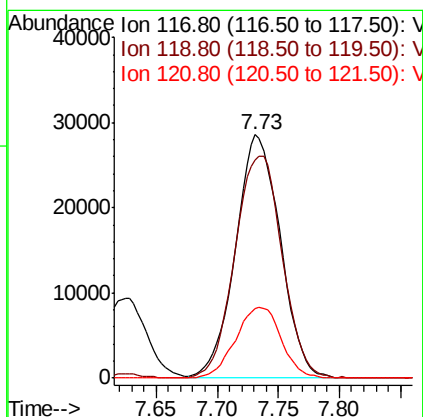
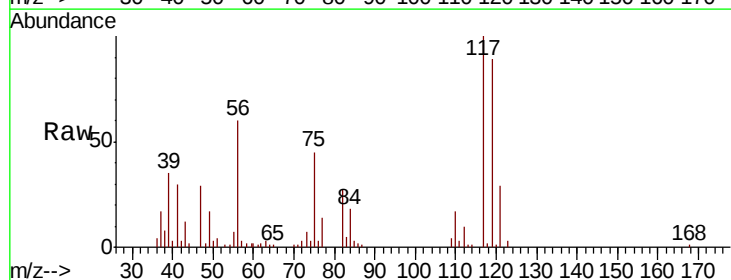
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD02

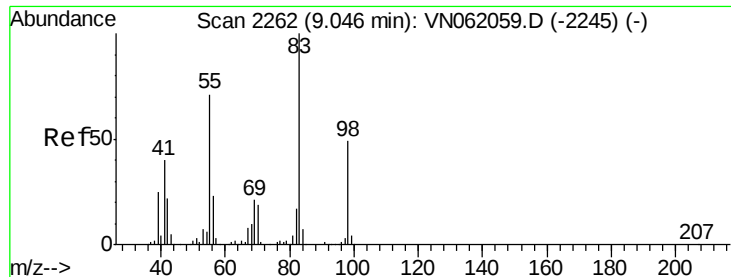
Tot Ion: 43 Resp: 71503
Ion Ratio Lower Upper
43 100
61 14.5 12.0 18.0
70 11.2 9.6 14.4



#38
Carbon Tetrachloride
Concen: 18.975 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Tgt Ion: 117 Resp: 72684
Ion Ratio Lower Upper
117 100
119 89.5 78.2 117.2
121 28.6 25.8 38.6

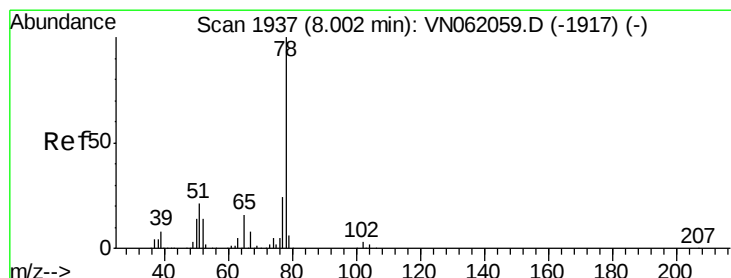
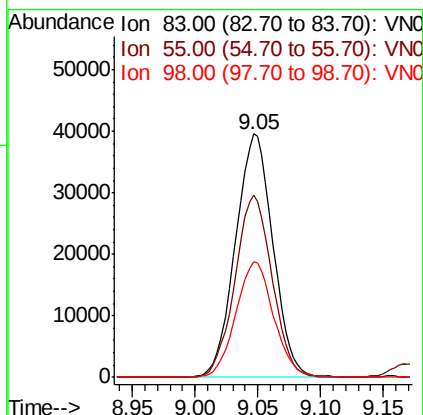
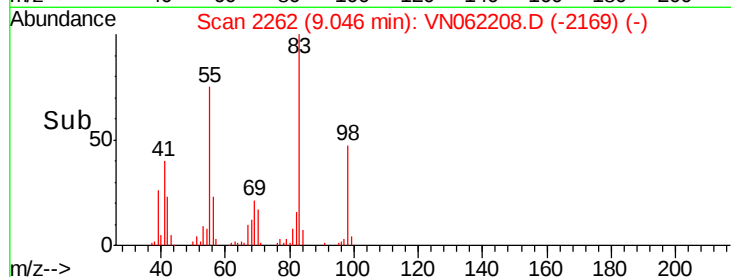
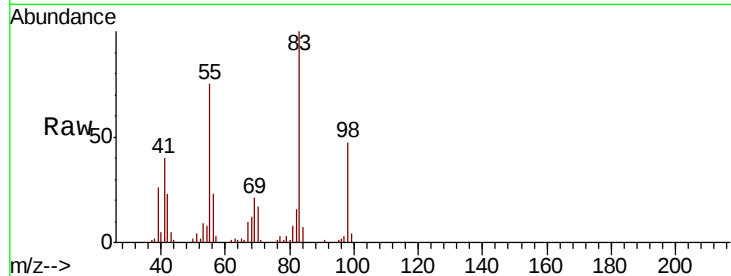




#39
Methvlcvclohexane
Concen: 18.451 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

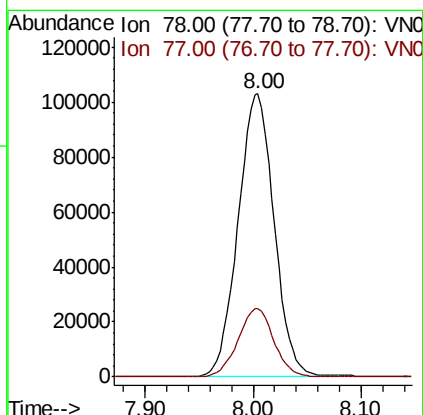
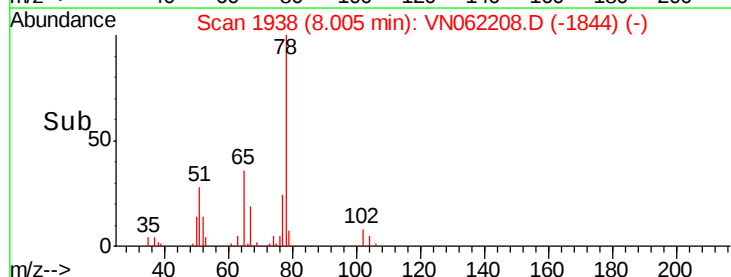
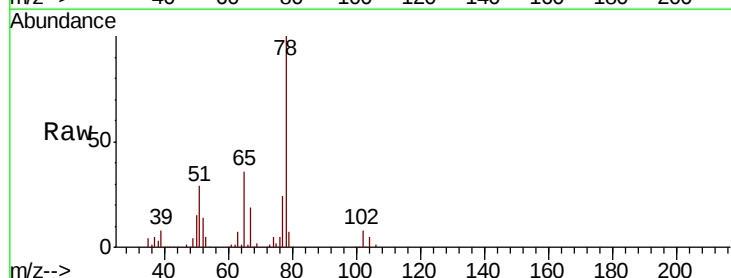
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD02

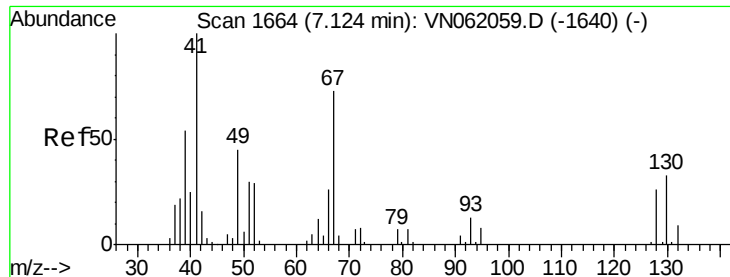
Tot Ion: 83 Resp: 82142
Ion Ratio Lower Upper
83 100
55 74.7 57.0 85.6
98 47.3 39.0 58.6



#40
Benzene
Concen: 19.334 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Tgt Ion: 78 Resp: 239433
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3

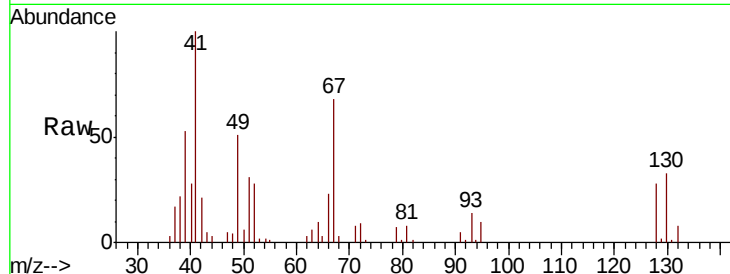




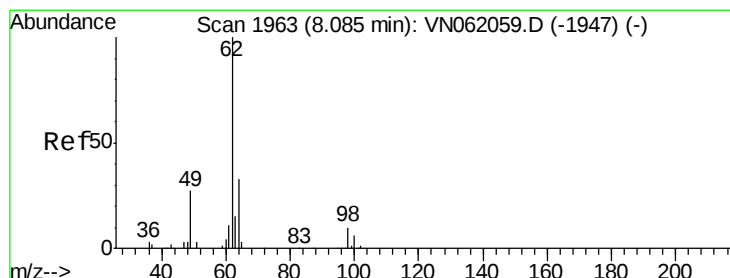
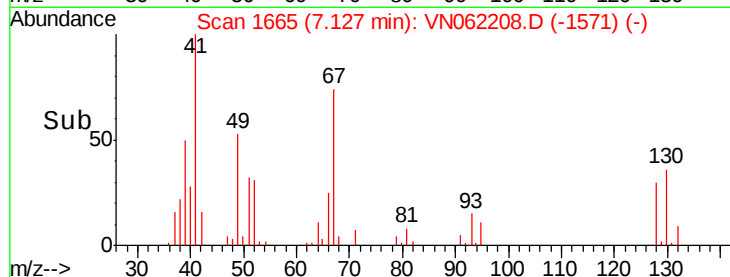
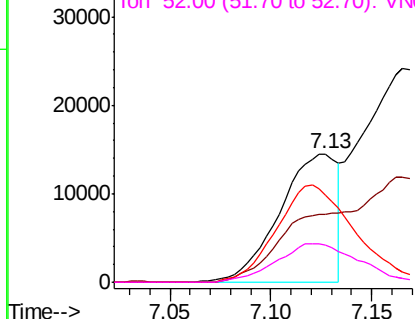
#41
Methacrylonitrile
Concen: 18.401 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD02

Tot Ion: 41 Resp: 28702
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 104.2 79.5 119.3
52 42.4 32.3 48.5

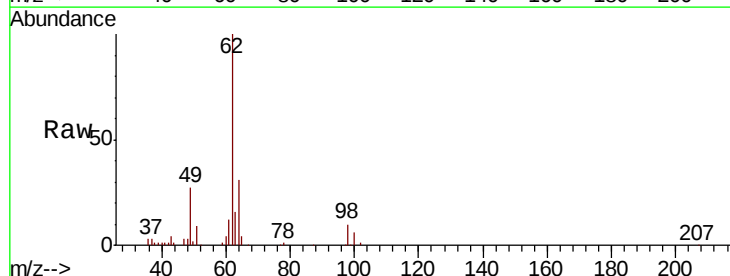


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

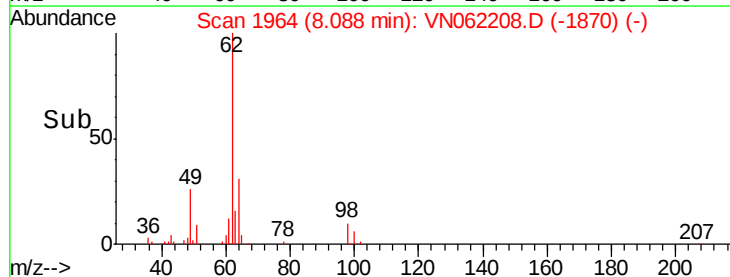
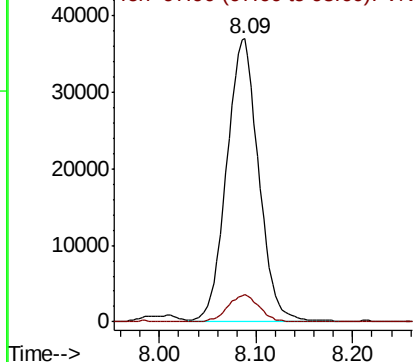


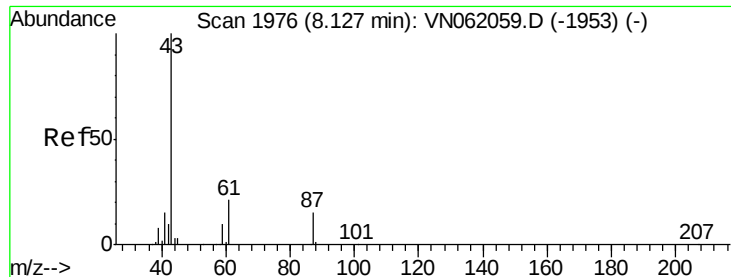
#42
1,2-Dichloroethane
Concen: 20.381 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Tgt Ion: 62 Resp: 85277
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 20.819 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

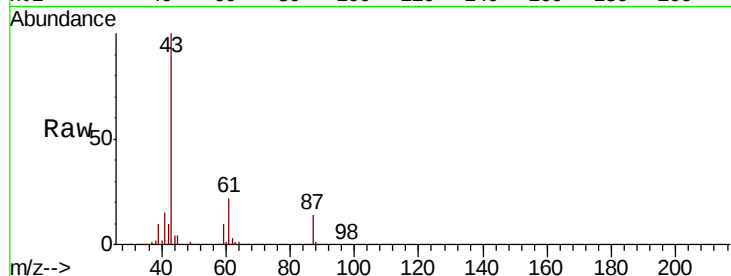
Tot Ion: 43 Resp: 114182

Ion Ratio Lower Upper

43 100

61 21.6 17.2 25.8

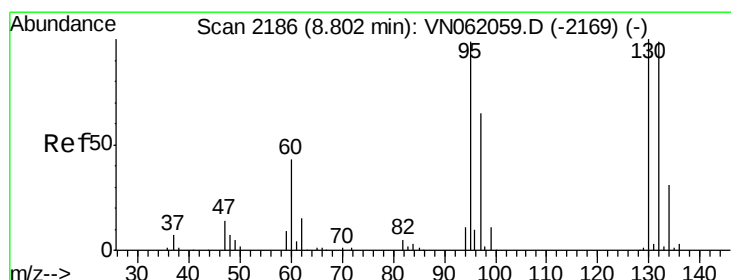
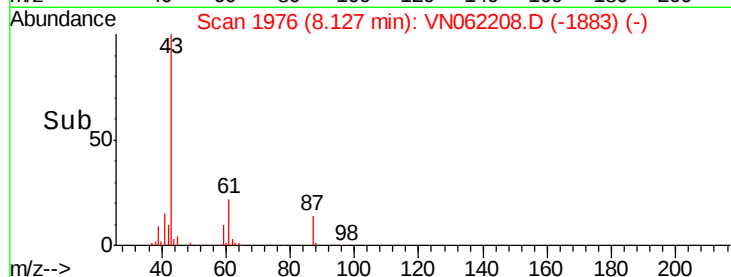
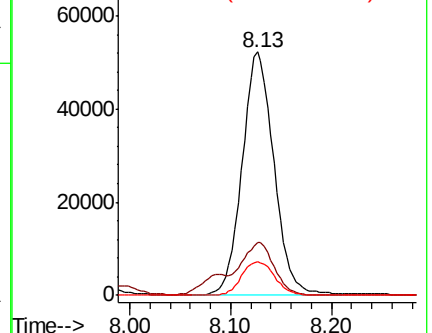
87 14.4 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062208.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062208.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062208.D (-1953) (-)



#44

Trichloroethene

Concen: 18.288 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062208.D

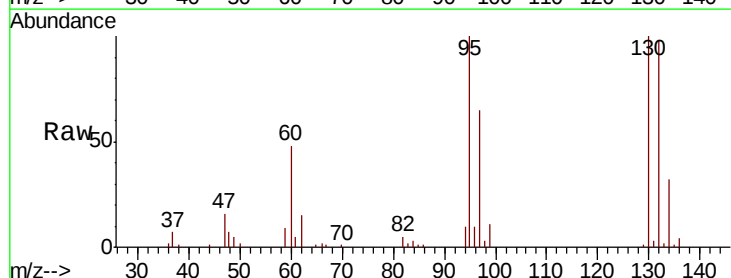
Acq: 30 Jun 2020 00:33

Tgt Ion: 130 Resp: 57130

Ion Ratio Lower Upper

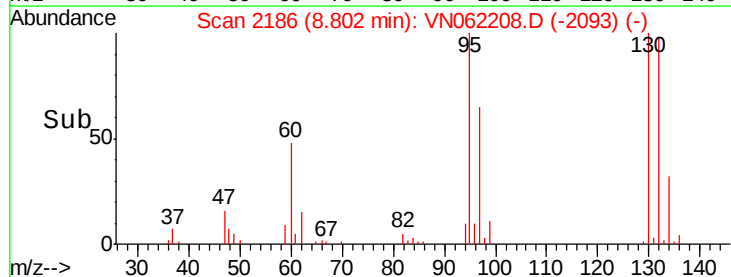
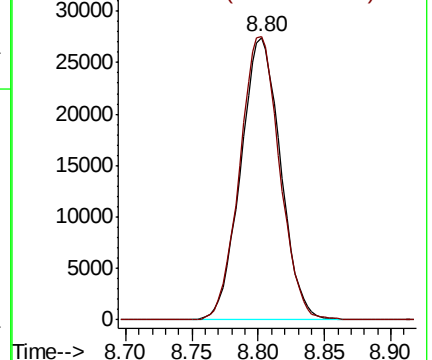
130 100

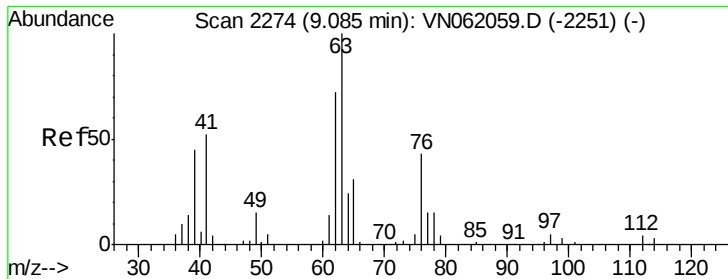
95 100.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062208.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062208.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 20.380 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

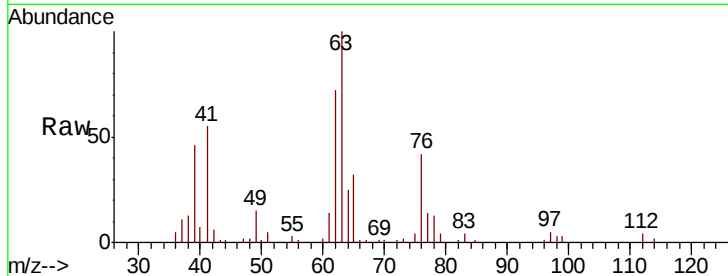
VN0629WBSD02

Tot Ion: 63 Resp: 62264

Ion Ratio Lower Upper

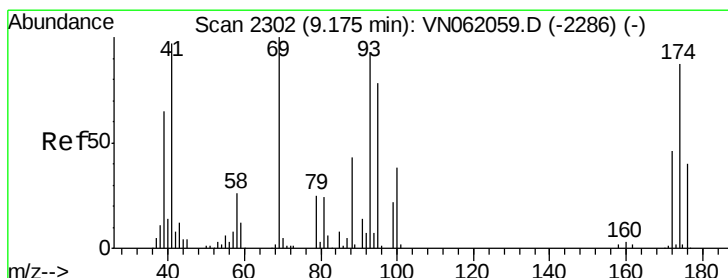
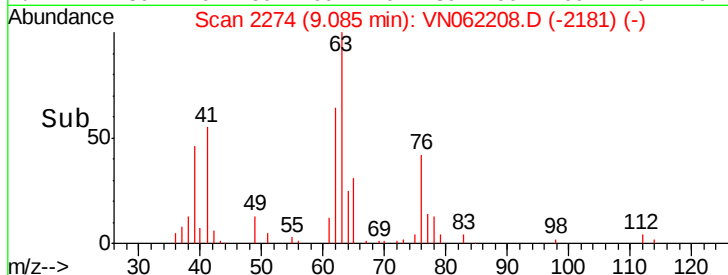
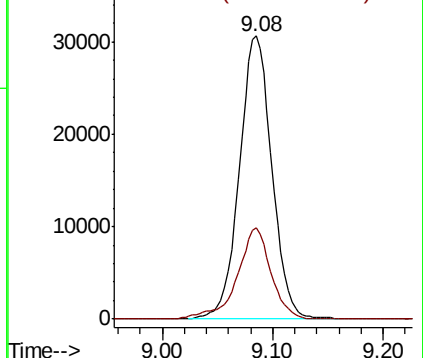
63 100

65 32.2 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN062208.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN062208.D (-2181) (-)



#46

Dibromomethane

Concen: 19.560 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

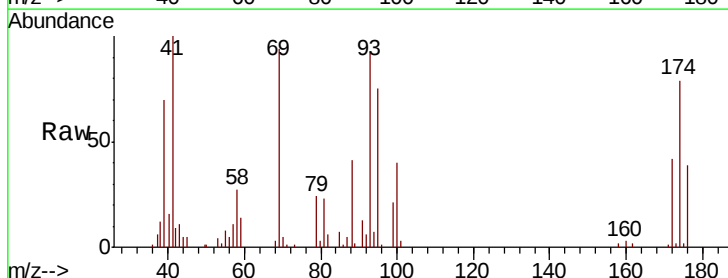
Tgt Ion: 93 Resp: 40518

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.6

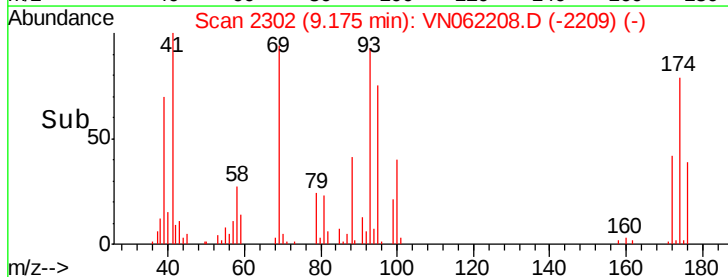
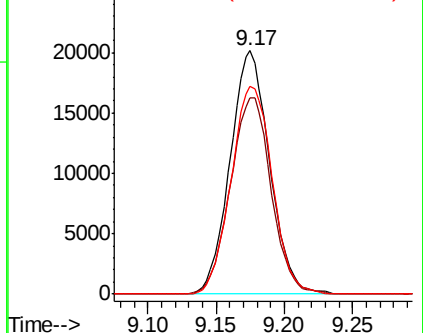
174 89.0 74.4 111.6

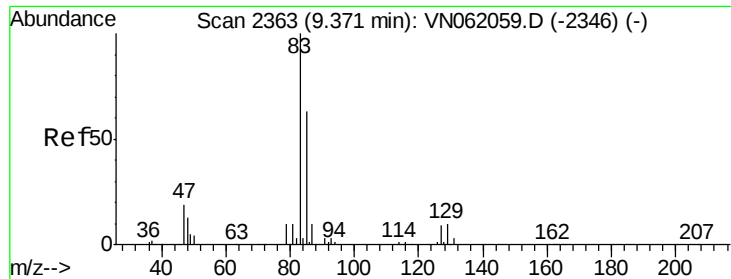


Abundance Ion 92.80 (92.50 to 93.50): VN062208.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN062208.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN062208.D (-2209) (-)





#47

Bromodichloromethane

Concen: 19.690 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

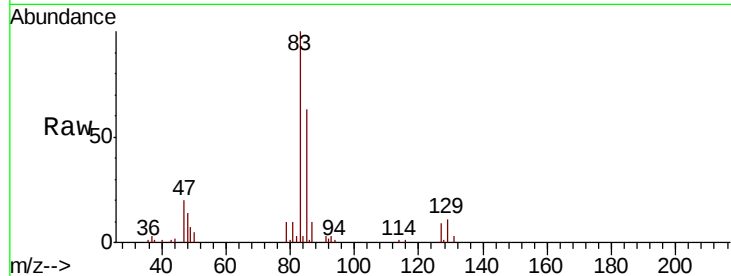
Tot Ion: 83 Resp: 82353

Ion Ratio Lower Upper

83 100

85 62.6 50.3 75.5

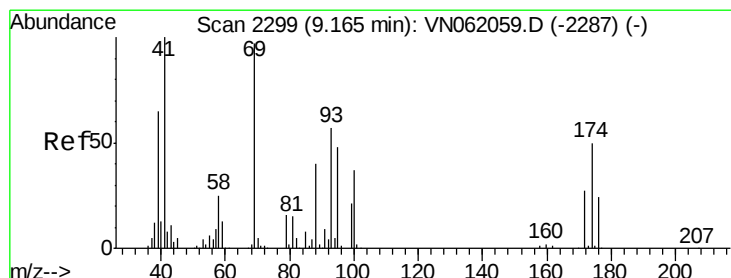
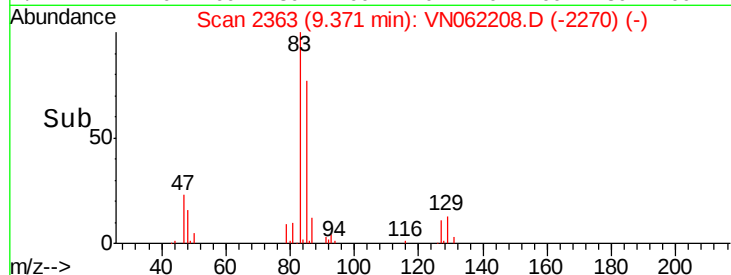
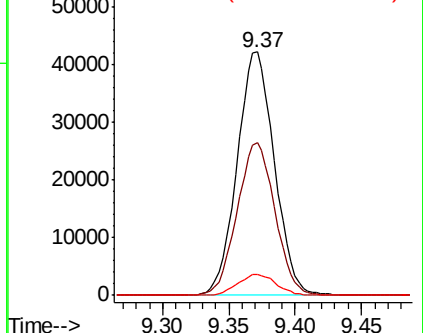
127 8.7 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062208.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062208.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062208.D (-2270) (-)



#48

Methyl methacrylate

Concen: 20.587 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

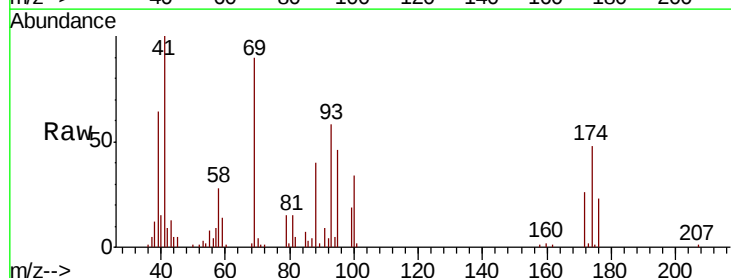
Tgt Ion: 41 Resp: 50627

Ion Ratio Lower Upper

41 100

69 94.7 80.7 121.1

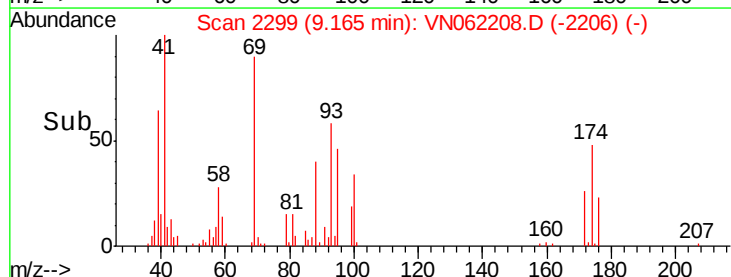
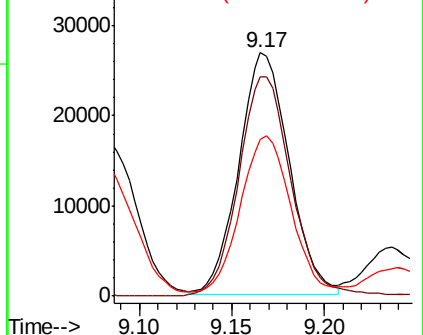
39 67.5 54.5 81.7

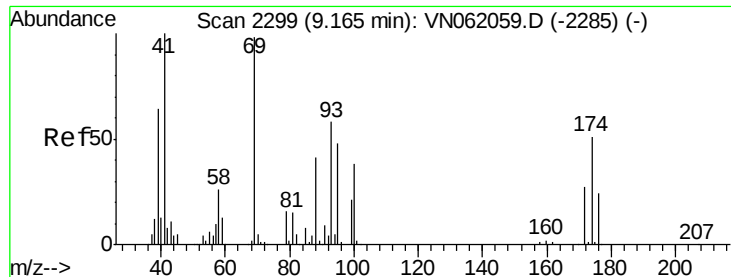


Abundance Ion 41.00 (40.70 to 41.70): VN062208.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062208.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062208.D (-2206) (-)

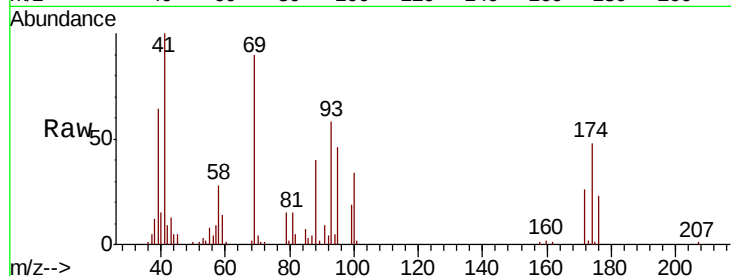




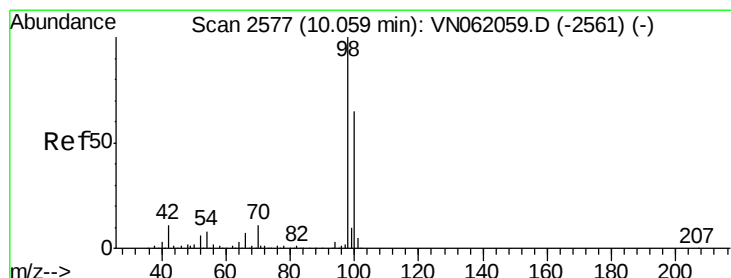
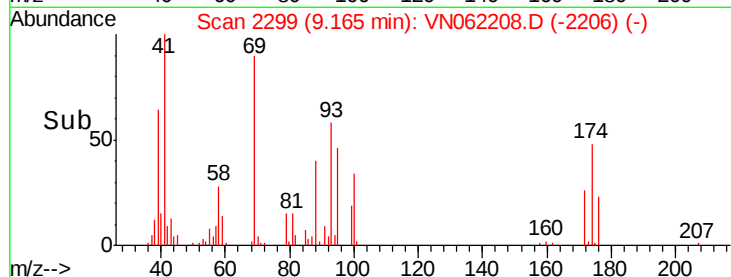
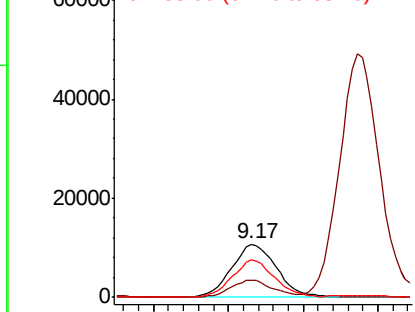
#49
 1,4-Dioxane
 Concen: 410.366 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD02

Tot Ion: 88 Resp: 22379
 Ion Ratio Lower Upper
 88 100
 43 30.7 22.0 33.0
 58 66.5 49.2 73.8

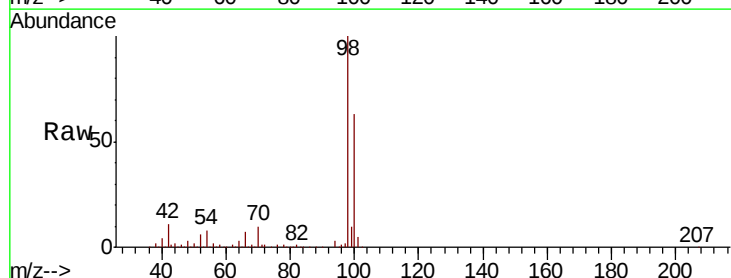


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

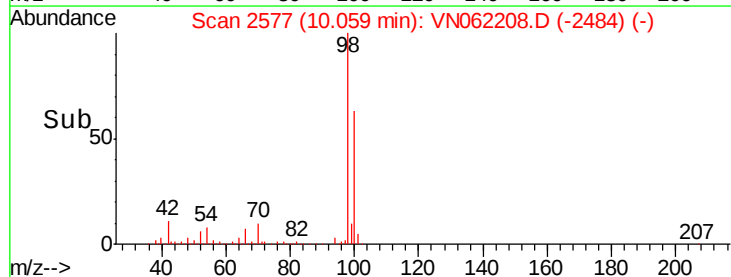
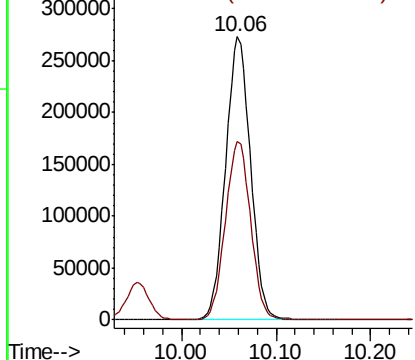


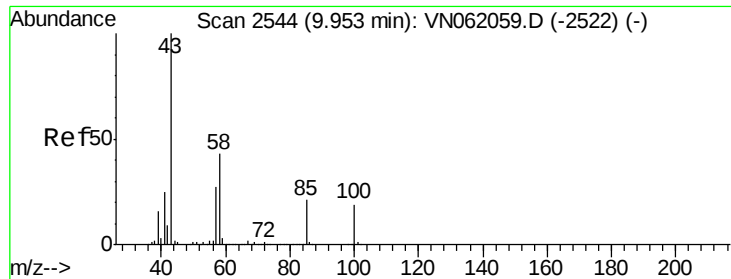
#50
 Toluene-d8
 Concen: 48.284 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Tgt Ion: 98 Resp: 500521
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 108.114 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleID :

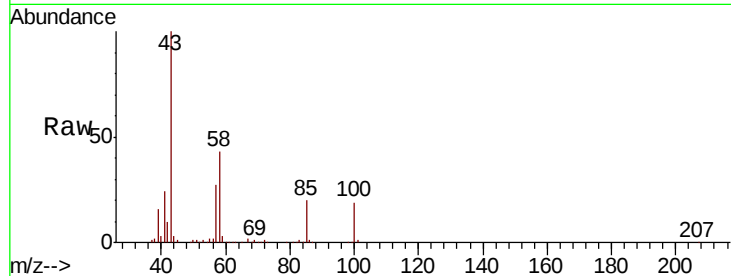
VN0629WBSD02

Tot Ion: 43 Resp: 346439

Ion Ratio Lower Upper

43 100

58 42.1 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062208.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062208.D (-2522) (-)

9.95

200000

150000

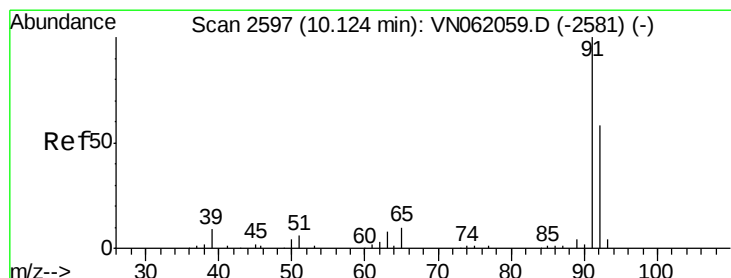
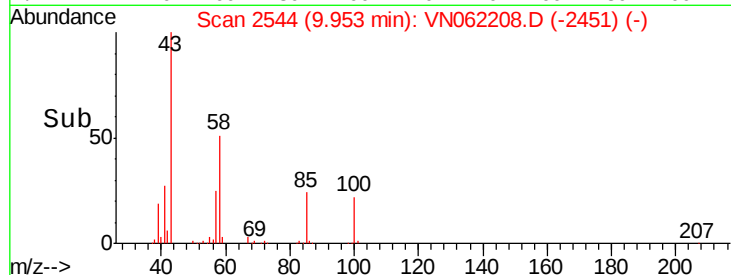
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 19.650 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062208.D

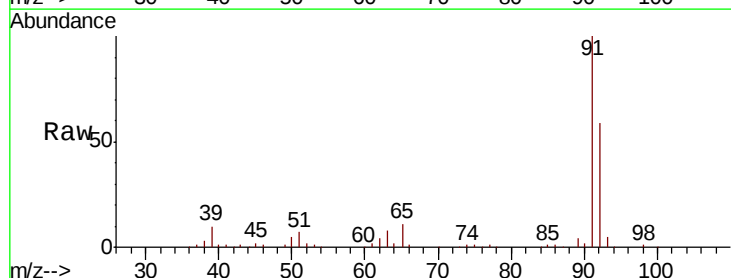
Acq: 30 Jun 2020 00:33

Tgt Ion: 92 Resp: 148477

Ion Ratio Lower Upper

92 100

91 171.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062208.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN062208.D (-2504) (-)

10.12

150000

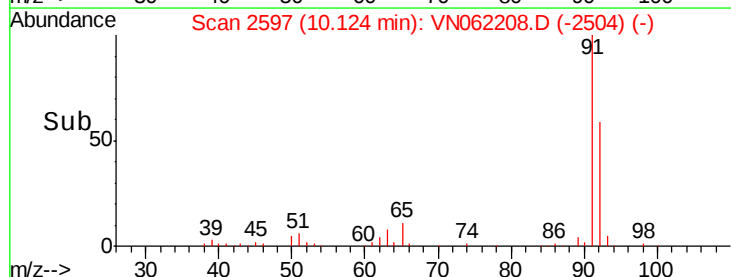
100000

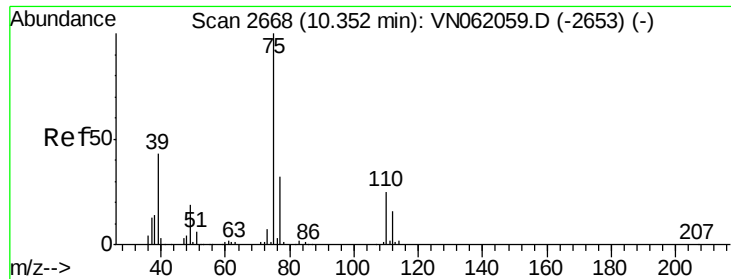
50000

0

10.10 10.12 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.735 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

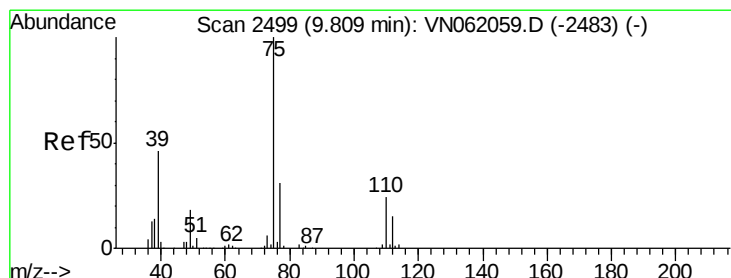
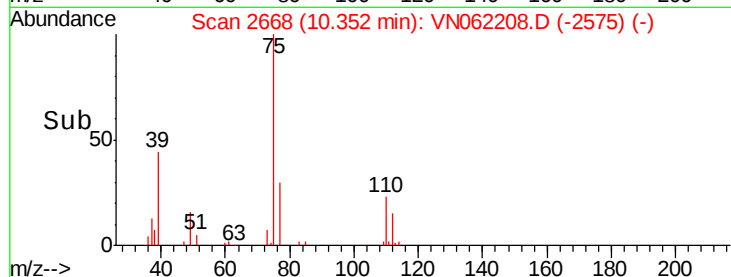
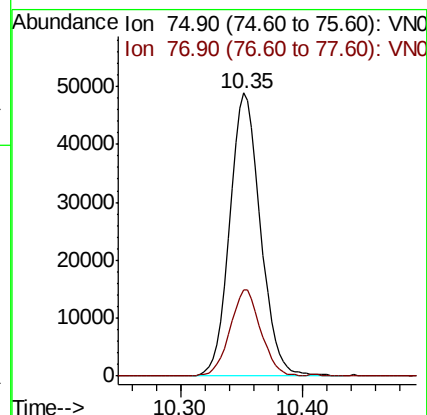
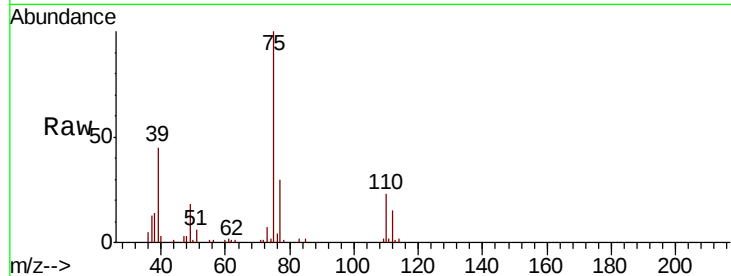
VN0629WBSD02

Tot Ion: 75 Resp: 86211

Ion Ratio Lower Upper

75 100

77 30.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.357 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

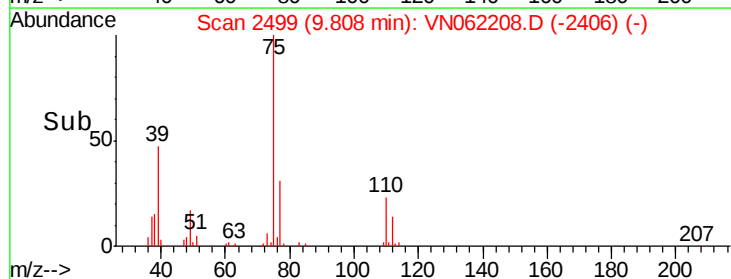
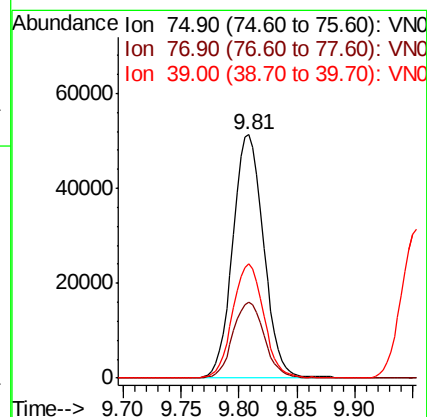
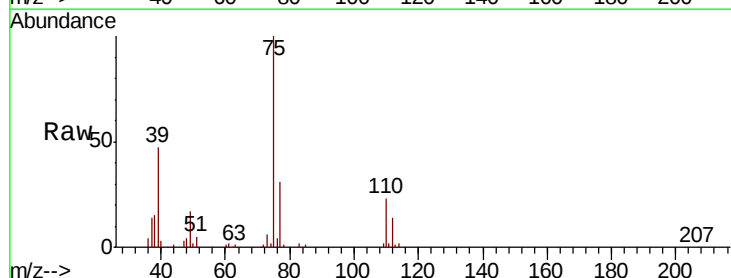
Tgt Ion: 75 Resp: 94828

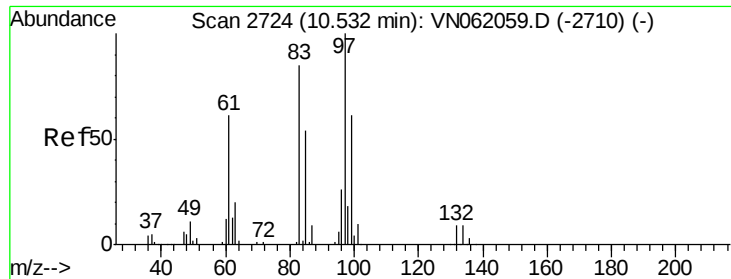
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6

39 46.9 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 20.209 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

Tot Ion: 97 Resp: 60025

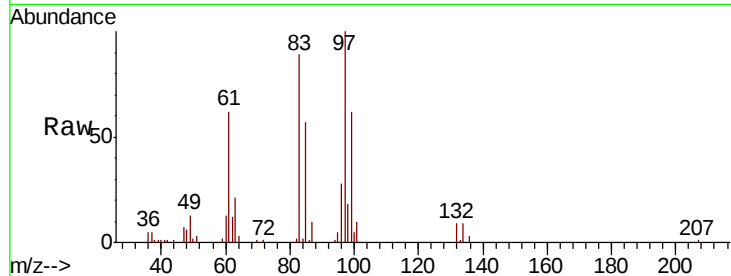
Ion Ratio Lower Upper

97 100

83 89.1 68.2 102.2

85 56.7 43.2 64.8

99 61.6 48.5 72.7



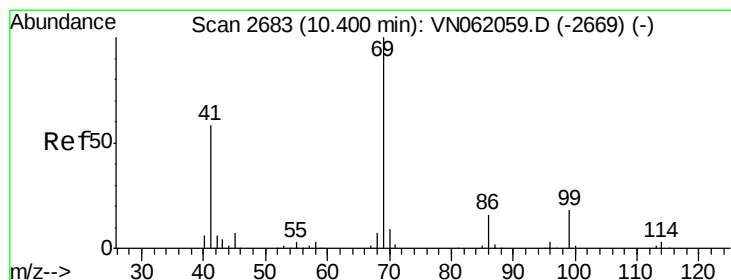
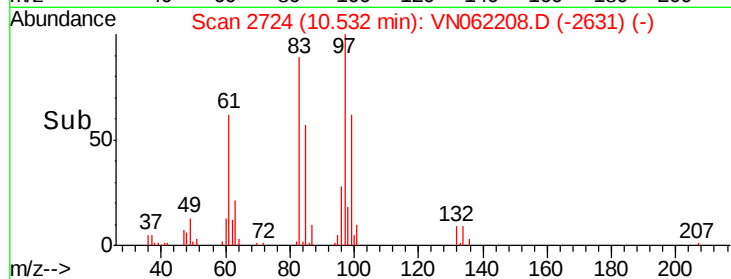
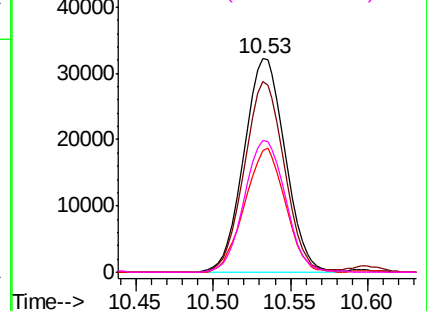
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.154 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

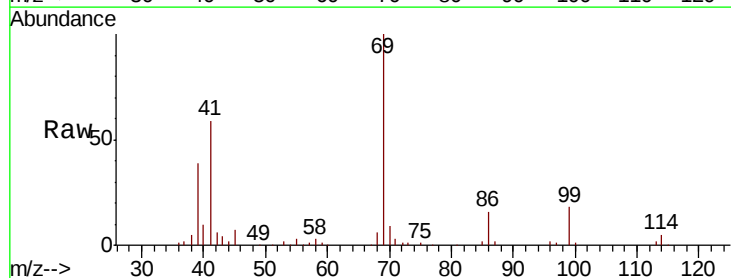
Tgt Ion: 69 Resp: 79888

Ion Ratio Lower Upper

69 100

41 58.6 46.6 70.0

39 38.4 31.0 46.4

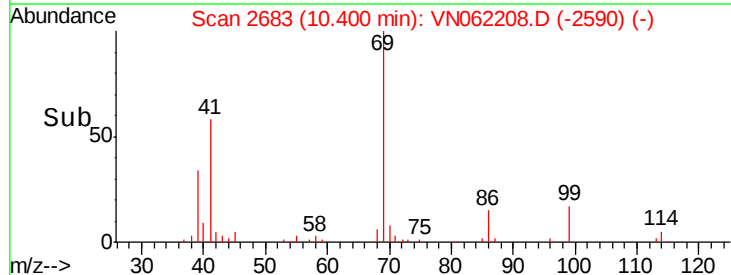
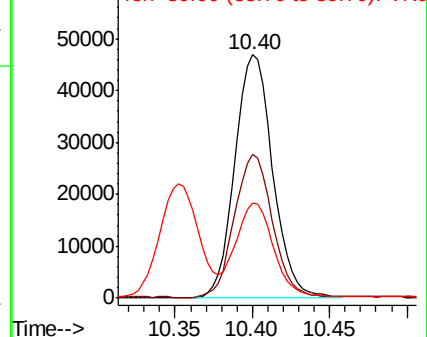


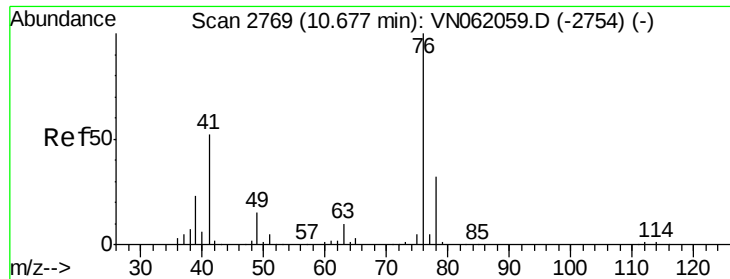
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

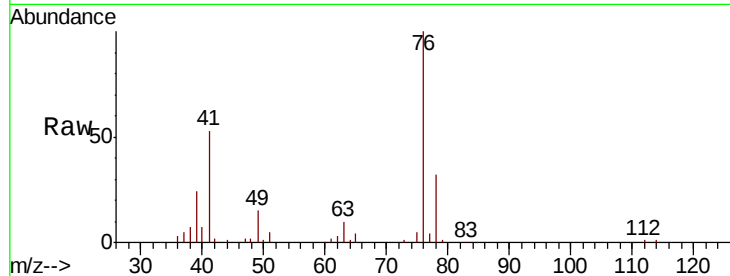




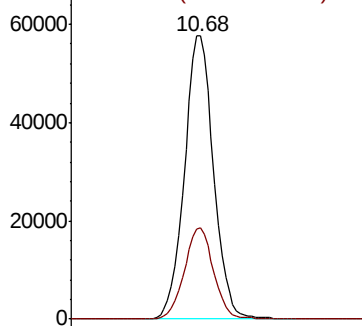
#57
 1,3-Dichloropropane
 Concen: 20.186 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD02

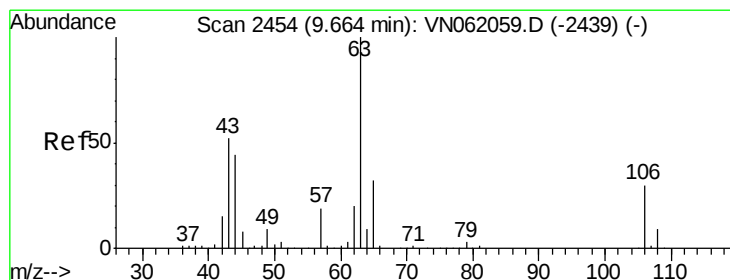
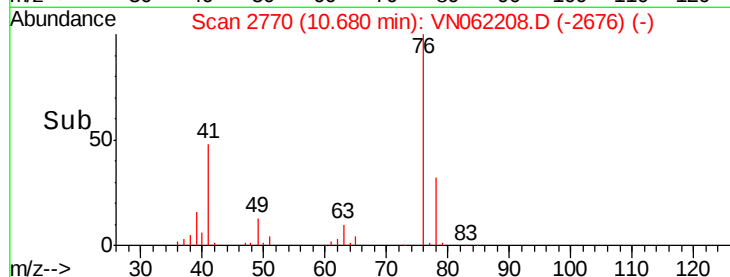
Tot Ion: 76 Resp: 103199
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN062208.D (-2676) (-)
 Ion 77.90 (77.60 to 78.60): VN062208.D (-2676) (-)

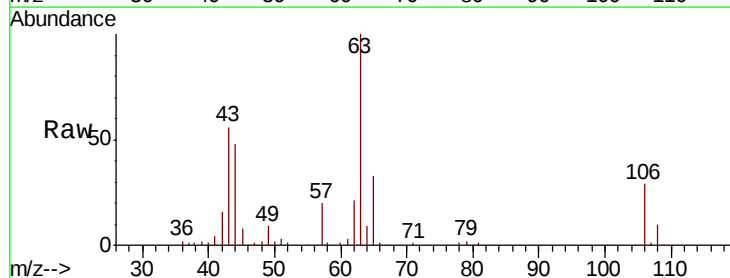


Time-->

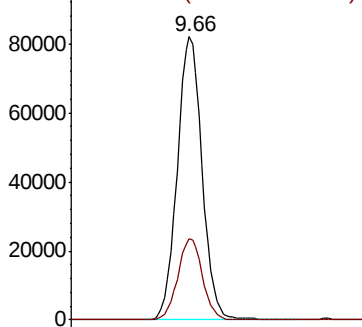


#58
 2-Chloroethyl Vinyl ether
 Concen: 96.949 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

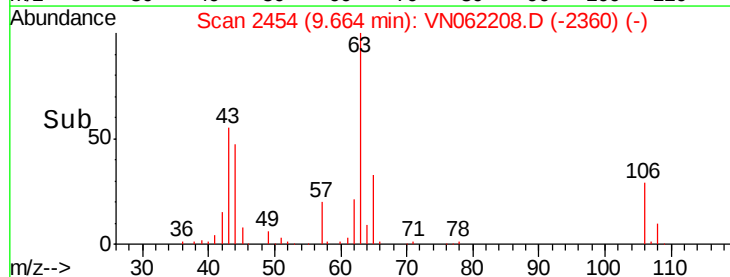
Tgt Ion: 63 Resp: 145834
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8

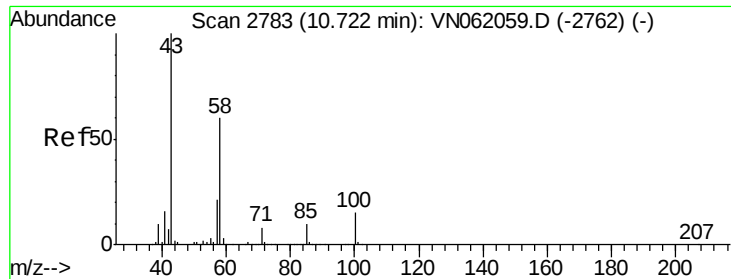


Abundance Ion 62.90 (62.60 to 63.60): VN062208.D (-2360) (-)
 Ion 105.90 (105.60 to 106.60): VN062208.D (-2360) (-)



Time-->

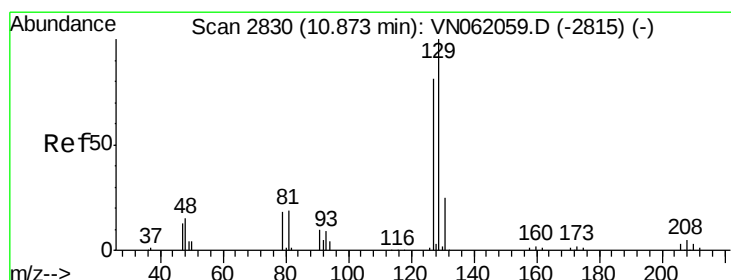
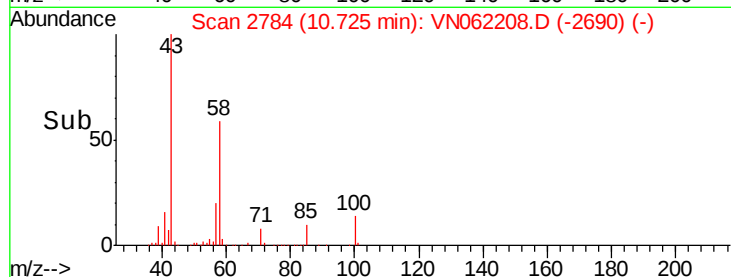
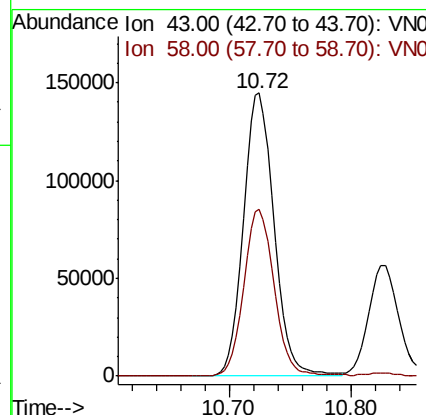
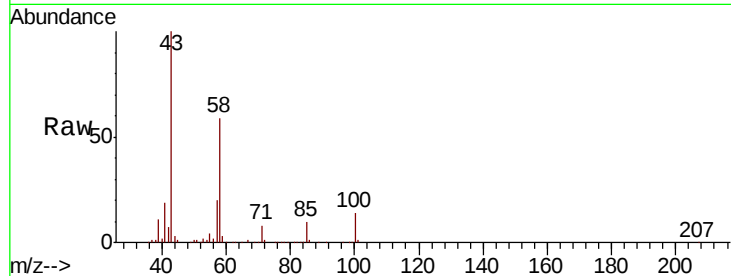




#59
2-Hexanone
Concen: 108.331 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

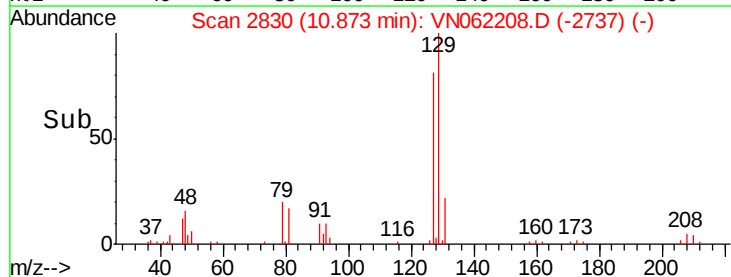
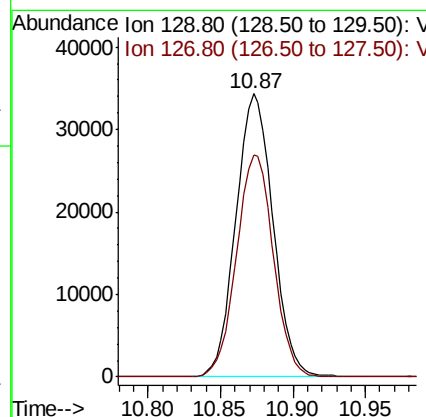
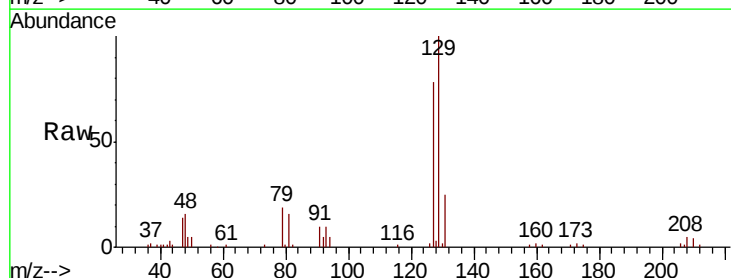
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD02

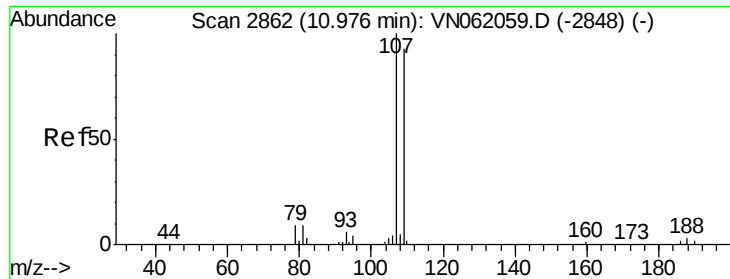
Tot Ion: 43 Resp: 250667
Ion Ratio Lower Upper
43 100
58 58.1 29.5 88.5



#60
Dibromochloromethane
Concen: 19.443 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Tgt Ion: 129 Resp: 61141
Ion Ratio Lower Upper
129 100
127 77.8 39.5 118.5





#61

1,2-Dibromoethane

Concen: 19.201 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

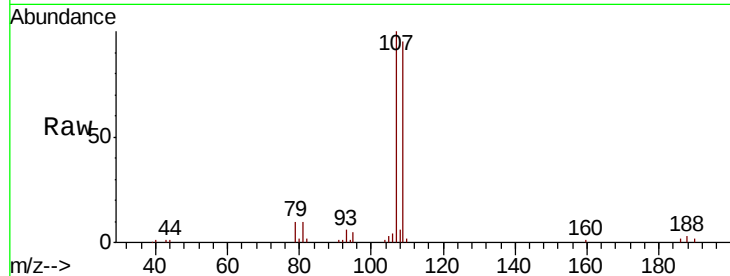
VN0629WBSD02

Tot Ion:107 Resp: 58600

Ion Ratio Lower Upper

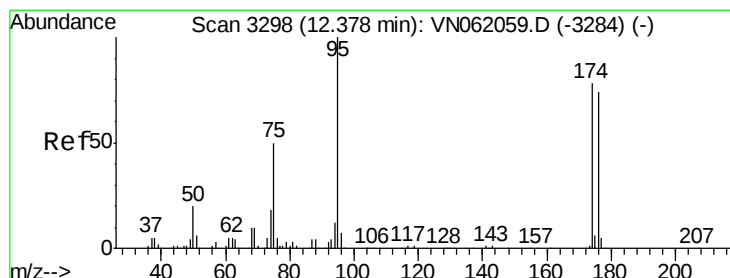
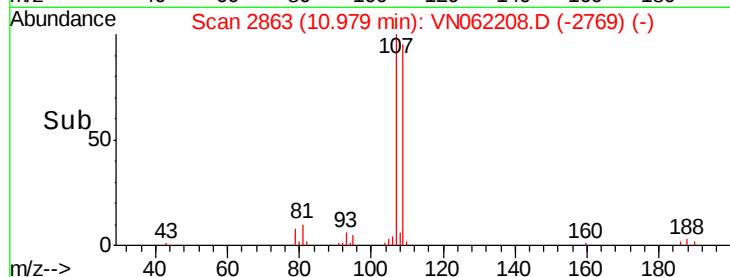
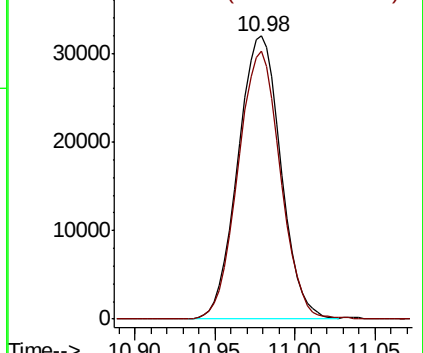
107 100

109 93.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.621 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

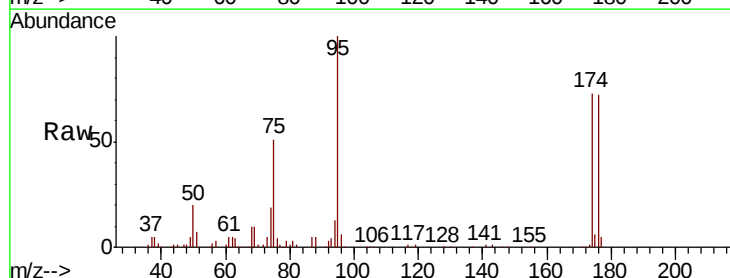
Tgt Ion: 95 Resp: 163281

Ion Ratio Lower Upper

95 100

174 73.6 0.0 154.8

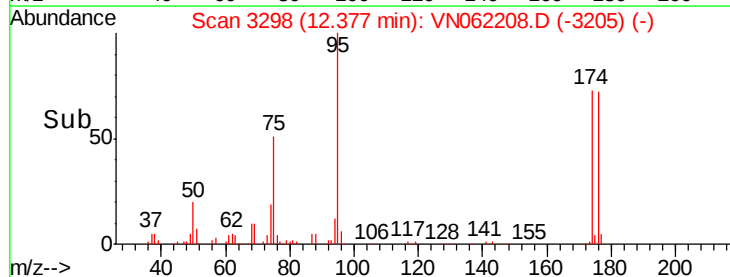
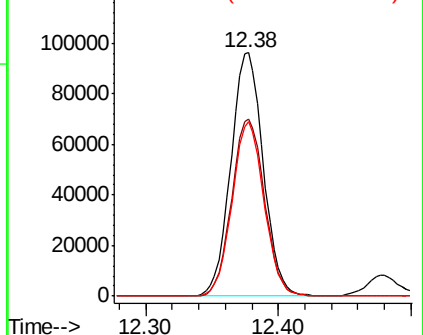
176 70.5 0.0 147.4

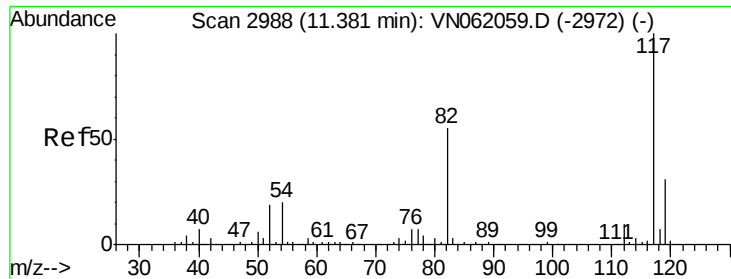


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

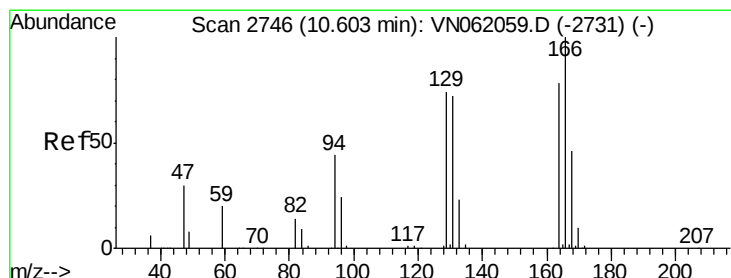
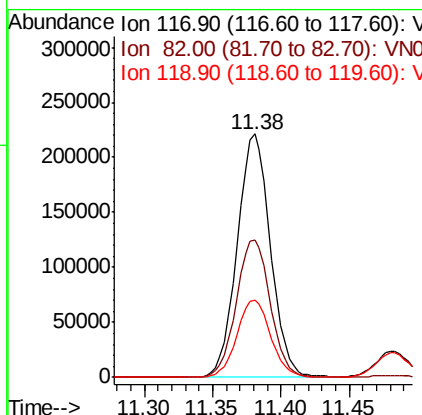
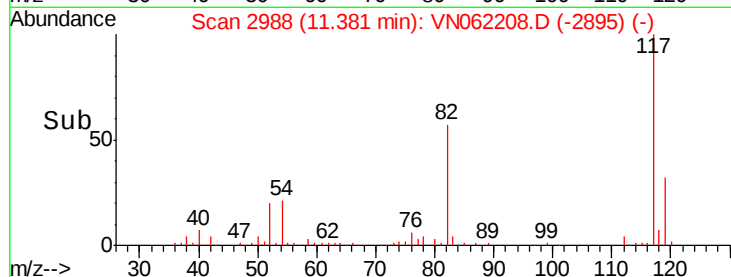
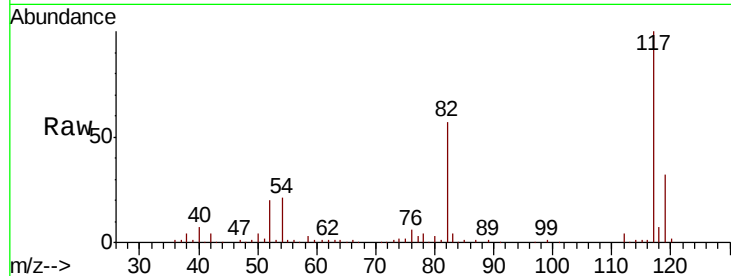




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

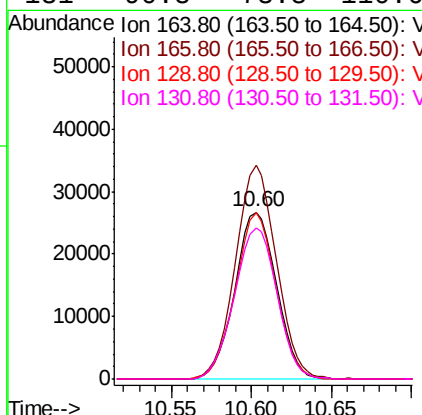
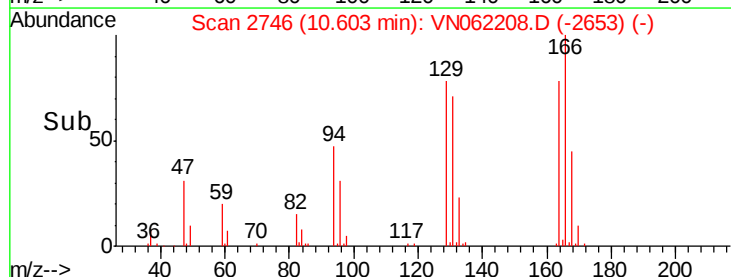
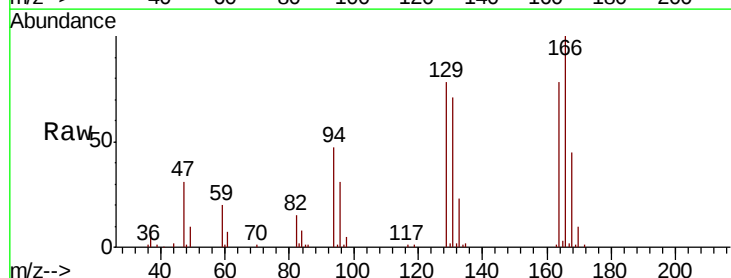
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD02

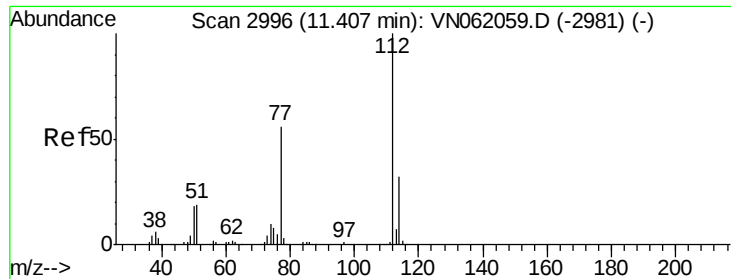
Tot Ion:117 Resp: 373941
Ion Ratio Lower Upper
117 100
82 56.7 43.8 65.8
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 18.524 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Tgt Ion:164 Resp: 47317
Ion Ratio Lower Upper
164 100
166 128.1 102.9 154.3
129 99.4 75.8 113.8
131 90.8 73.8 110.6

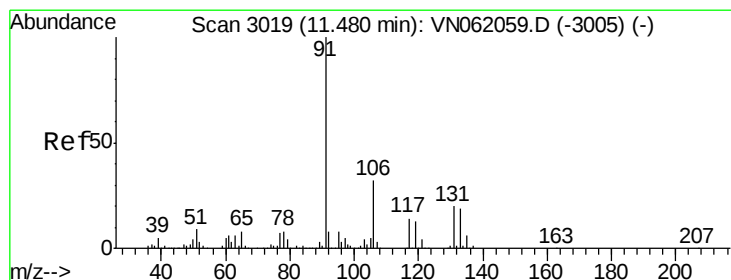
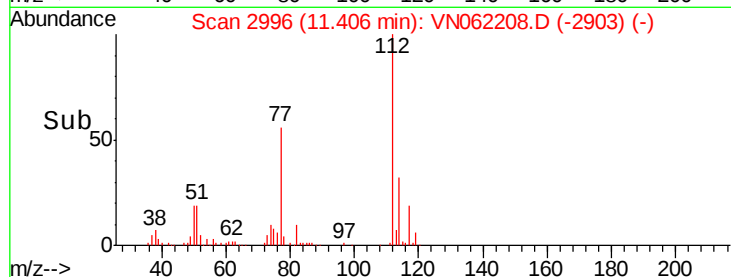
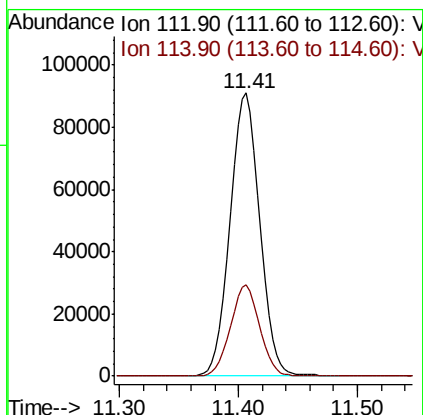
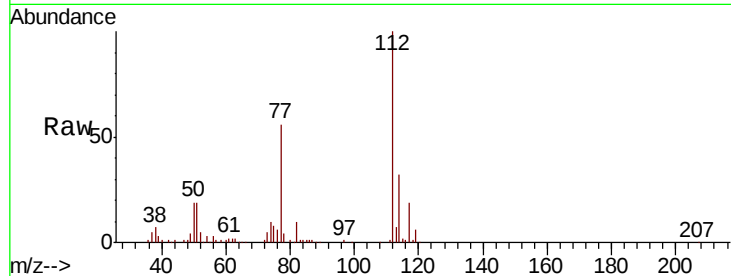




#65
Chlorobenzene
Concen: 19.181 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

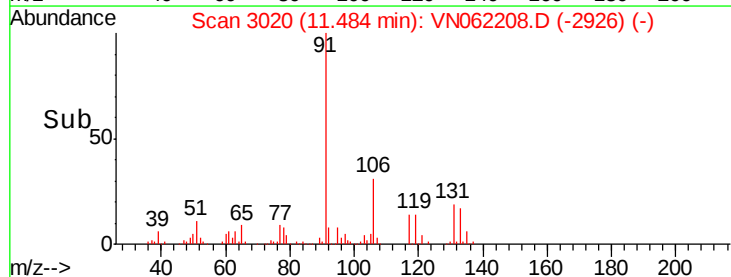
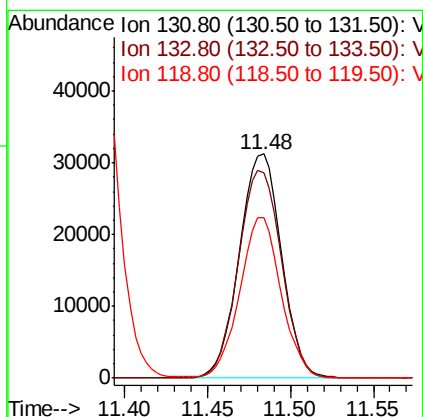
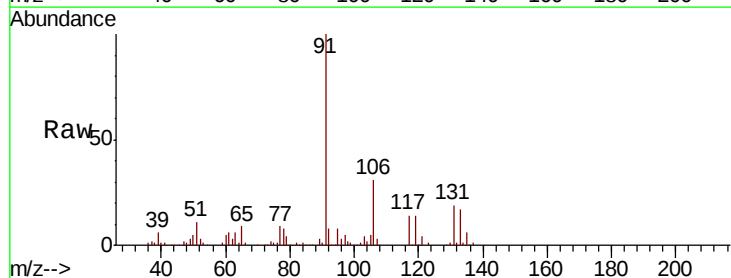
Instrument :
MSVOA_N
ClientSampled :
VN0629WBSD02

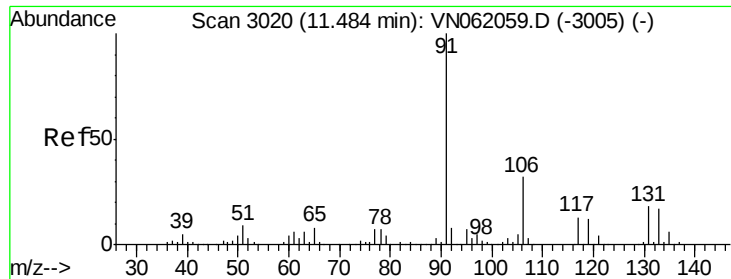
Tot Ion:112 Resp: 157514
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.399 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Tgt Ion:131 Resp: 55086
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 70.5 34.4 103.3

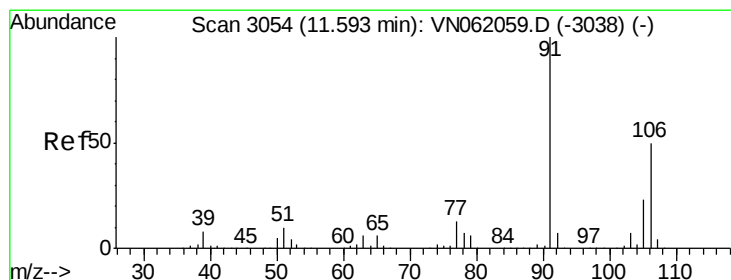
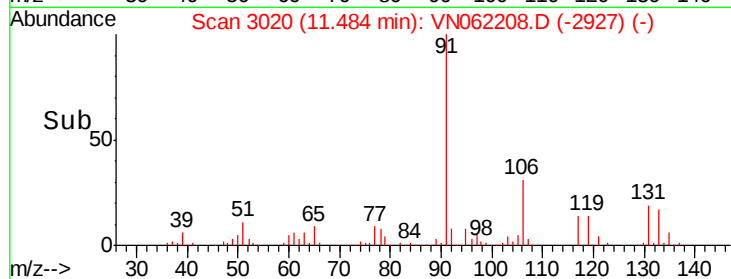
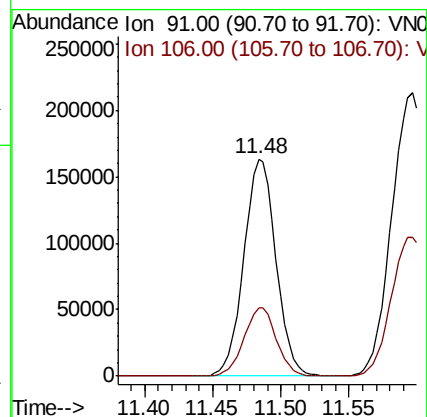
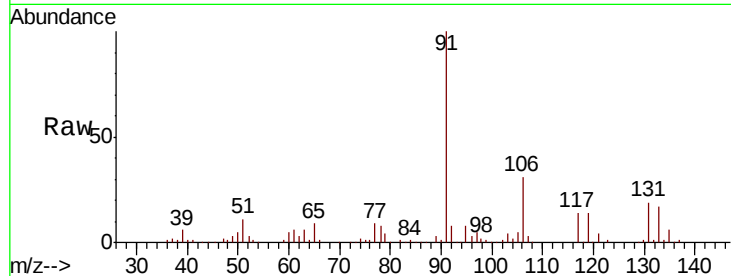




#67
Ethyl Benzene
Concen: 19.260 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

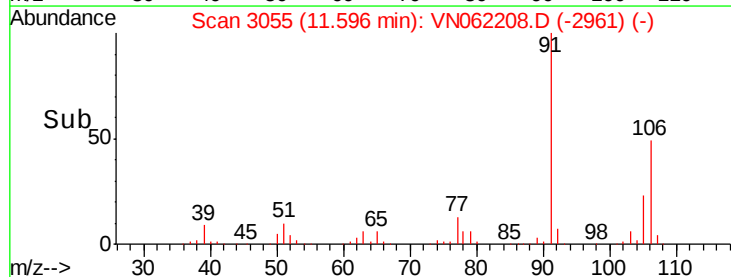
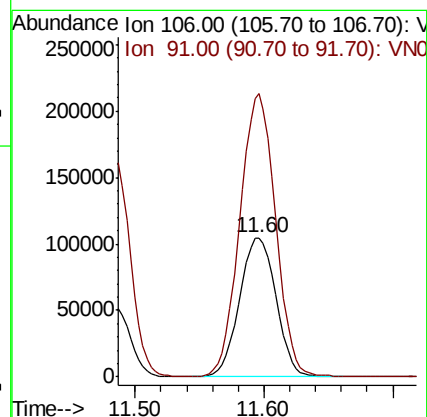
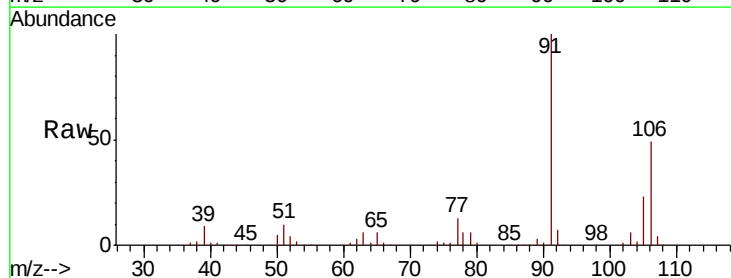
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD02

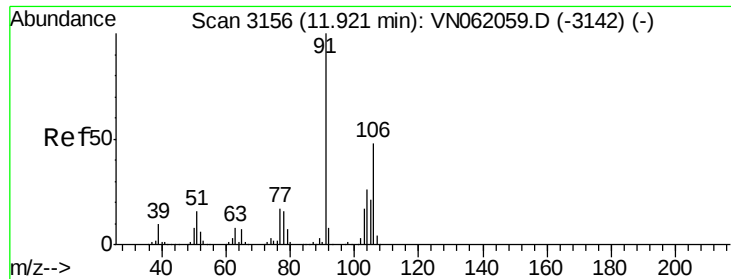
Tot Ion: 91 Resp: 267110
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9



#68
m/p-Xylenes
Concen: 38.496 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Tgt Ion: 106 Resp: 206502
Ion Ratio Lower Upper
106 100
91 198.5 157.8 236.8

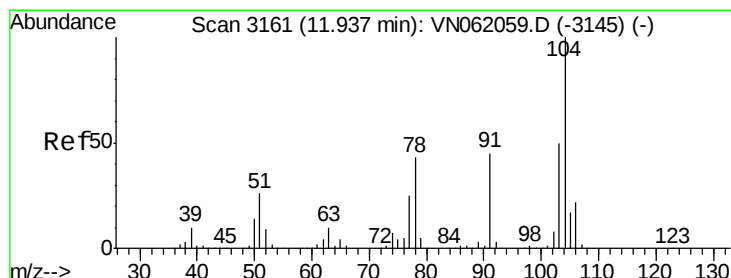
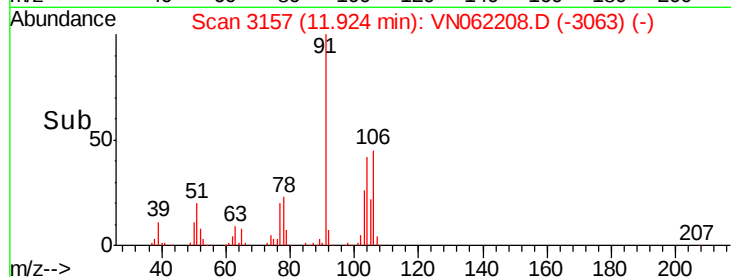
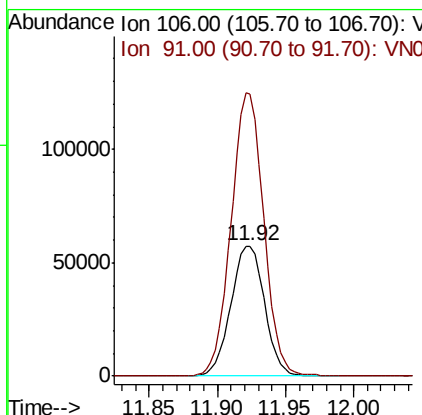
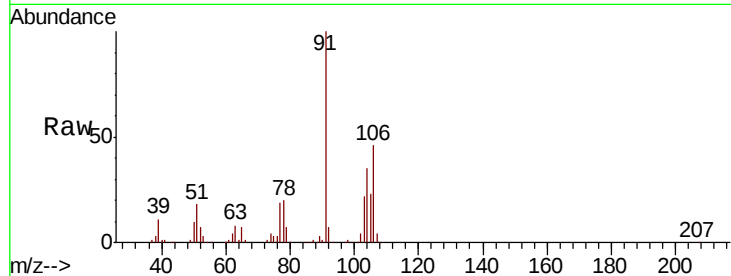




#69
o-Xylene
Concen: 19.499 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

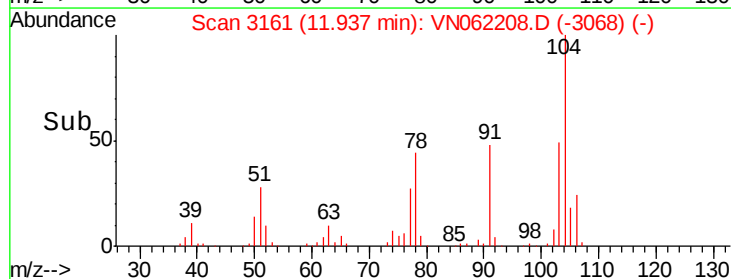
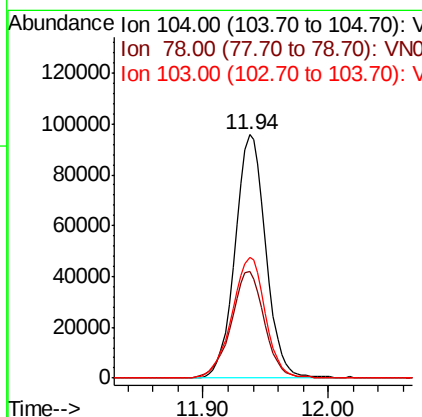
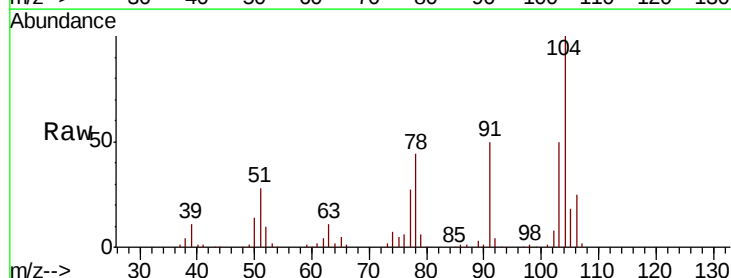
Instrument :
MSVOA_N
ClientSampled :
VN0629WBSD02

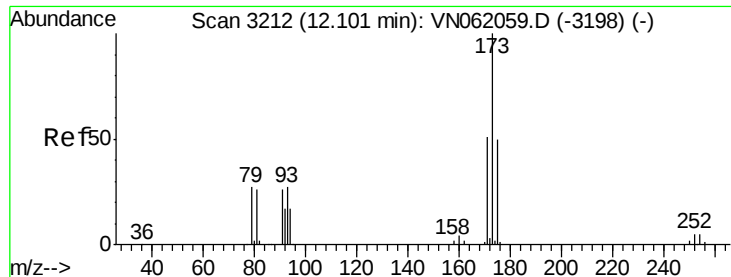
Tot Ion:106 Resp: 98689
Ion Ratio Lower Upper
106 100
91 209.8 104.0 311.9



#70
Styrene
Concen: 19.282 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Tgt Ion:104 Resp: 162752
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 54.2 43.0 64.6





#71

Bromoform

Concen: 18.608 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampled :

VN0629WBSD02

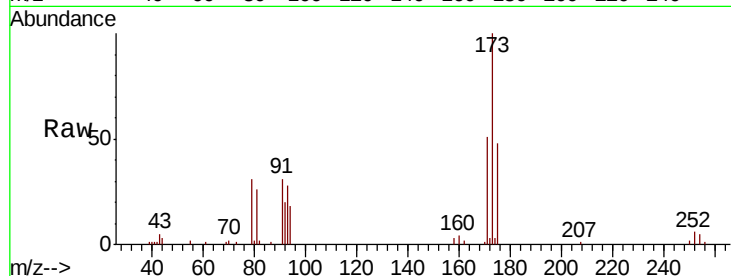
Tot Ion:173 Resp: 37569

Ion Ratio Lower Upper

173 100

175 48.1 24.7 74.1

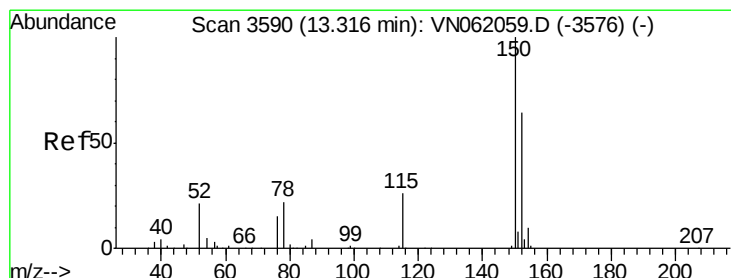
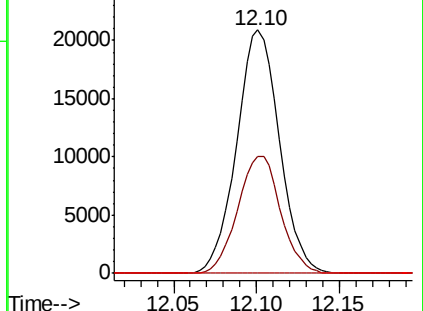
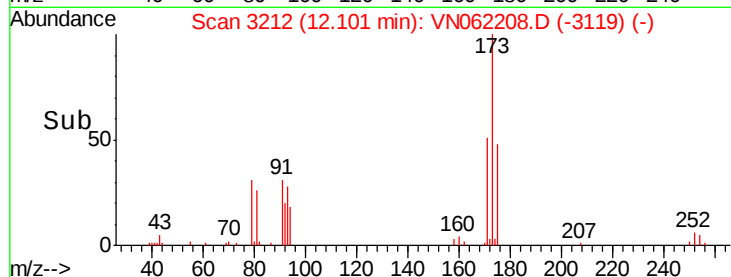
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

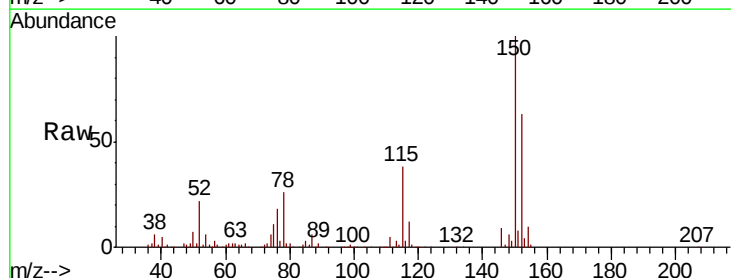
Tgt Ion:152 Resp: 165278

Ion Ratio Lower Upper

152 100

115 60.8 29.5 88.5

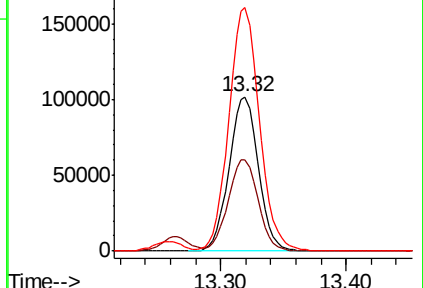
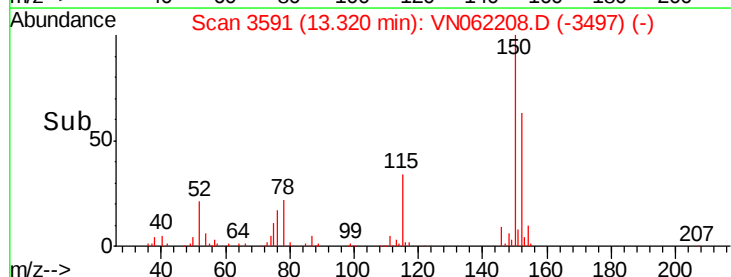
150 164.1 0.0 351.4

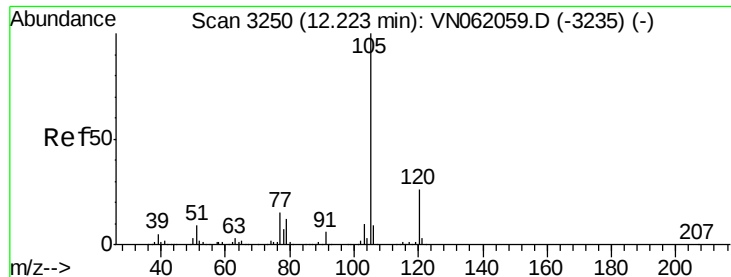


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

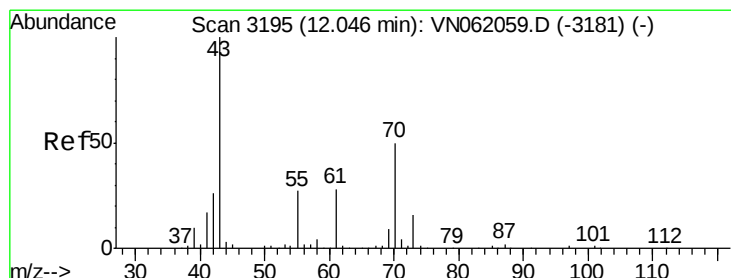
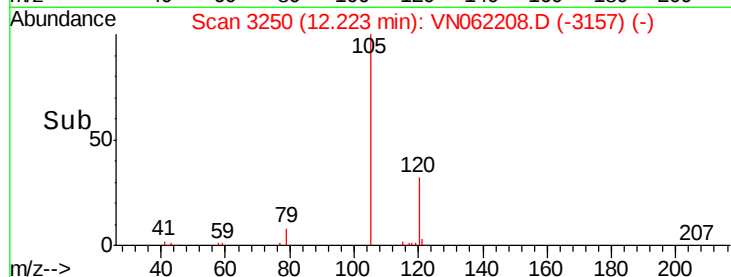
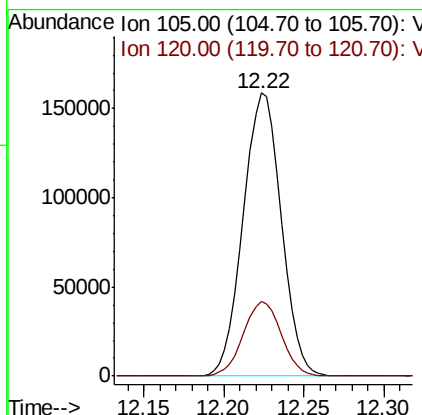
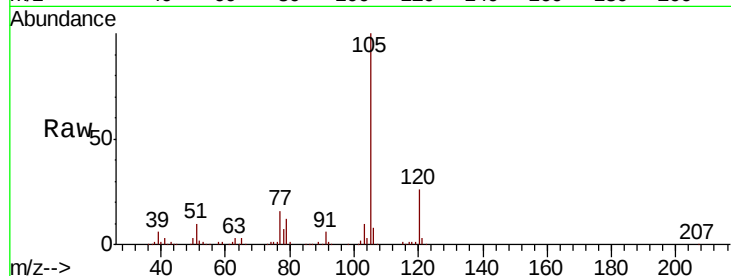




#73
Isopropylbenzene
Concen: 20.211 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

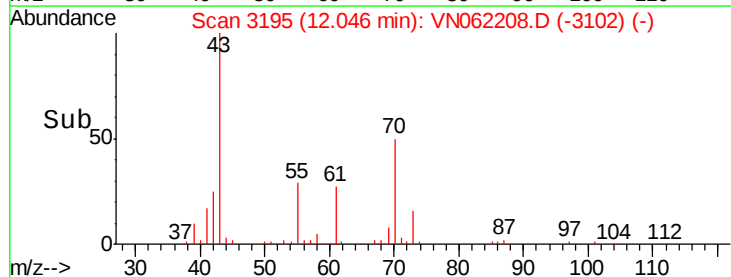
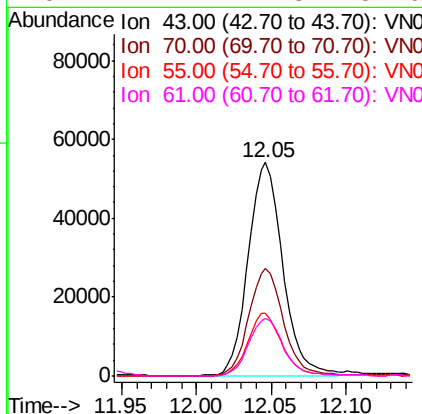
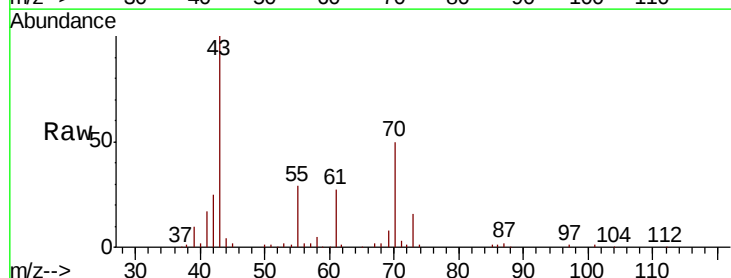
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD02

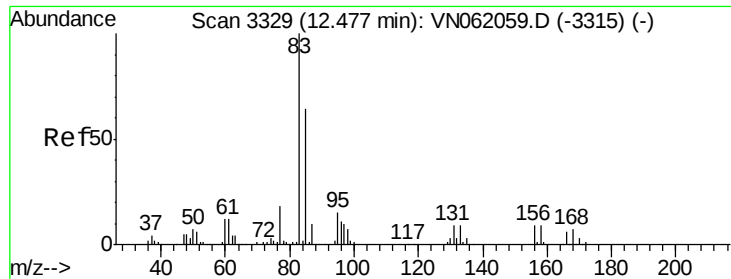
Tot Ion:105 Resp: 258579
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#74
N-ethyl acetate
Concen: 20.681 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Tgt Ion: 43 Resp: 87505
Ion Ratio Lower Upper
43 100
70 50.3 39.4 59.2
55 29.3 21.7 32.5
61 27.1 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.059 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

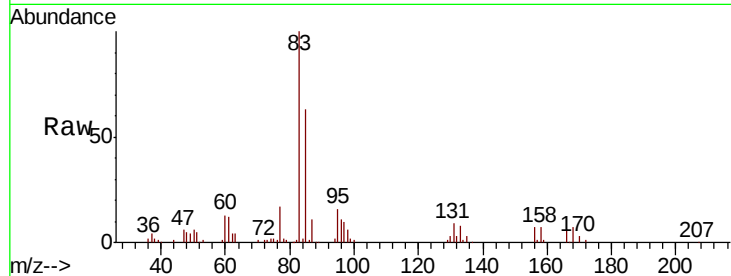
Tot Ion: 83 Resp: 89659

Ion Ratio Lower Upper

83 100

131 8.9 4.8 14.4

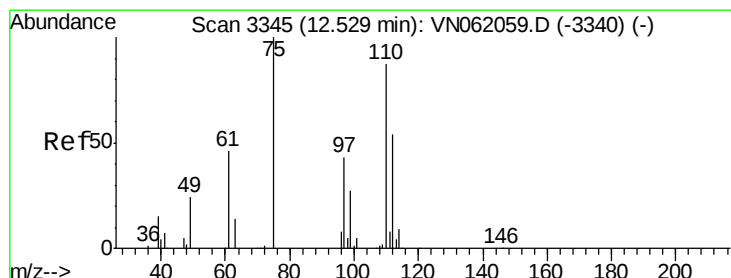
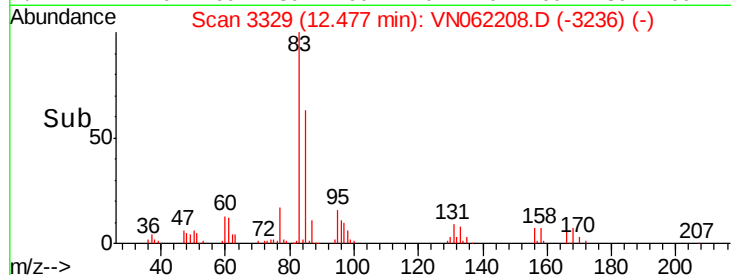
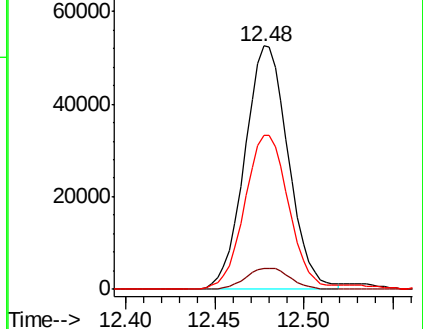
85 64.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062208.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN062208.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN062208.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 27.581 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062208.D

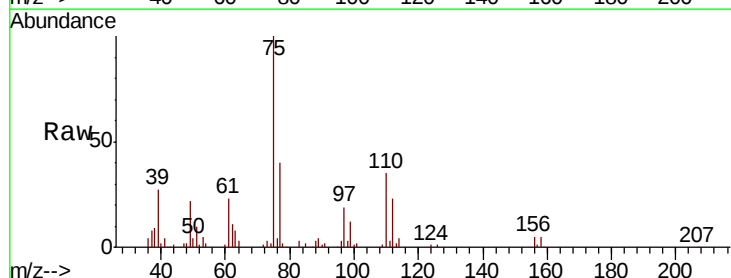
Acq: 30 Jun 2020 00:33

Tgt Ion: 75 Resp: 107312

Ion Ratio Lower Upper

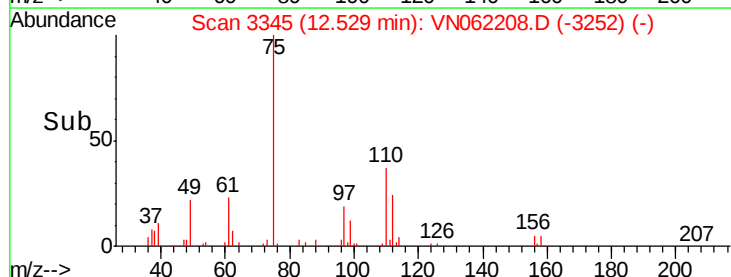
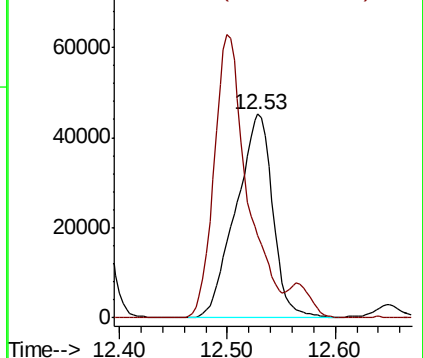
75 100

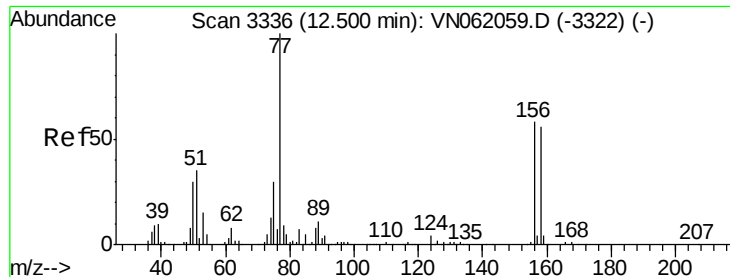
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062208.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062208.D (-3252) (-)





#77

Bromobenzene

Concen: 19.062 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

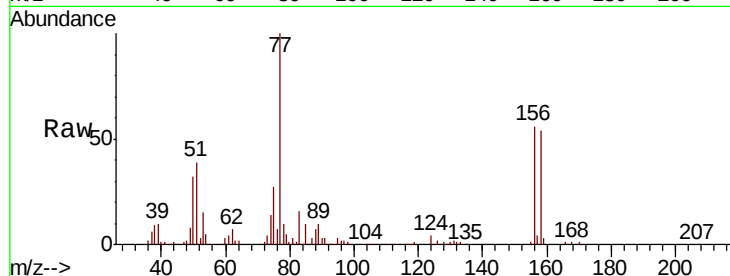
Tot Ion:156 Resp: 60546

Ion Ratio Lower Upper

156 100

77 221.1 104.6 313.8

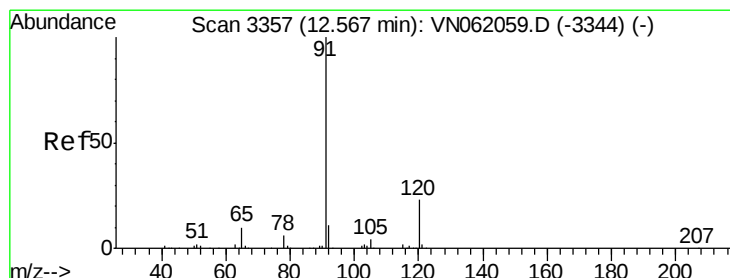
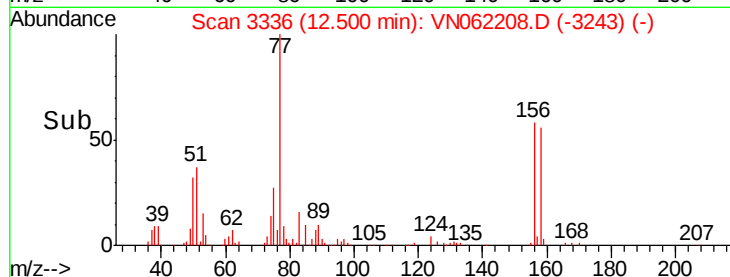
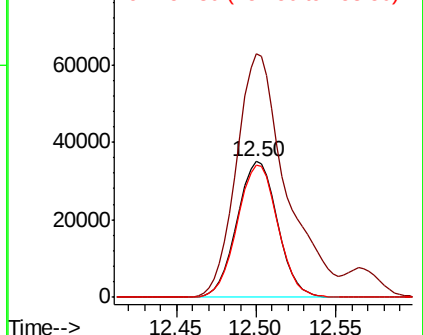
158 97.6 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.212 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062208.D

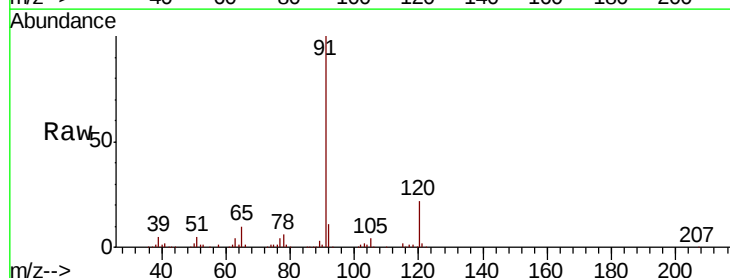
Acq: 30 Jun 2020 00:33

Tgt Ion: 91 Resp: 295786

Ion Ratio Lower Upper

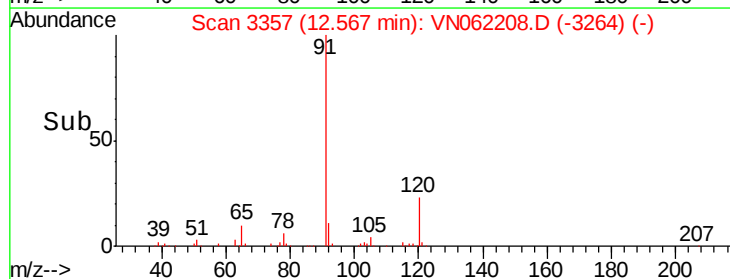
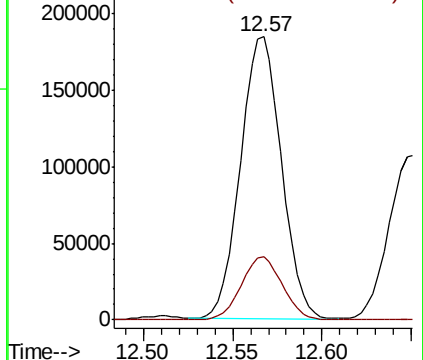
91 100

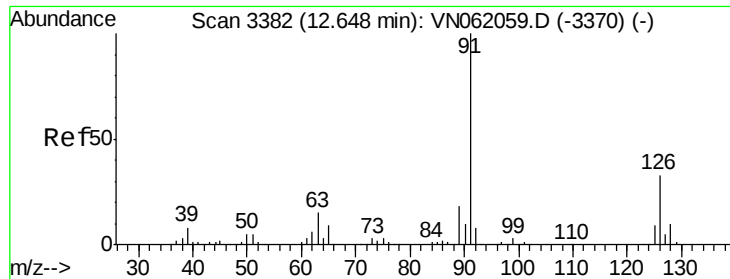
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

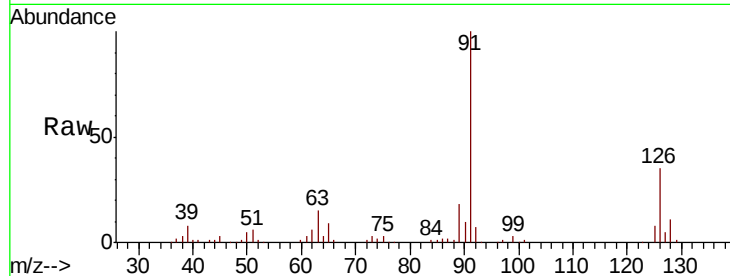




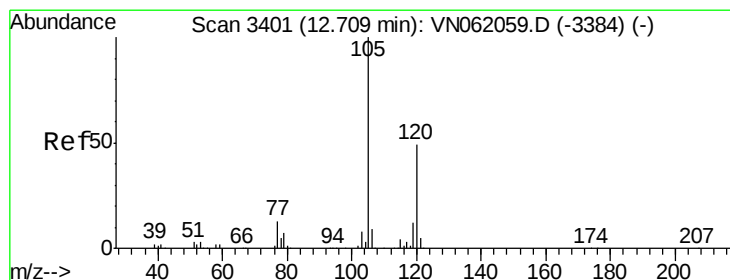
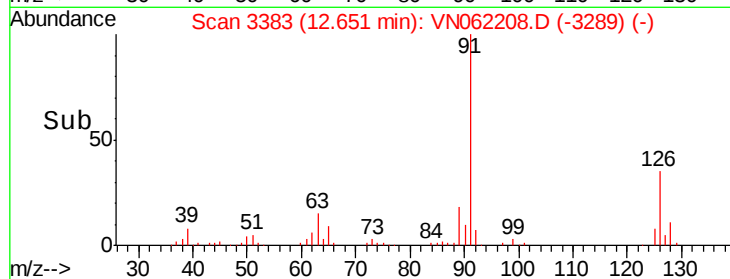
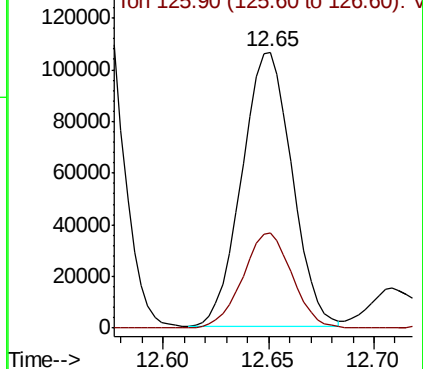
#79
 2-Chlorotoluene
 Concen: 19.944 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD02

Tot Ion: 91 Resp: 176444
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.9 50.7

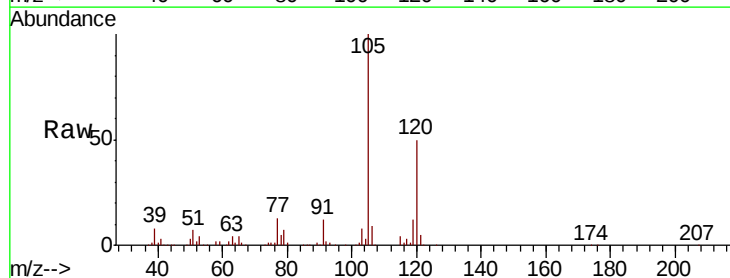


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

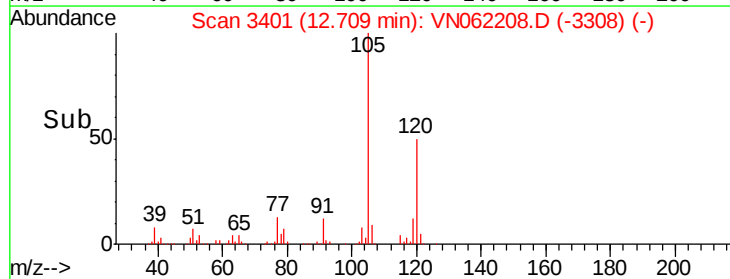
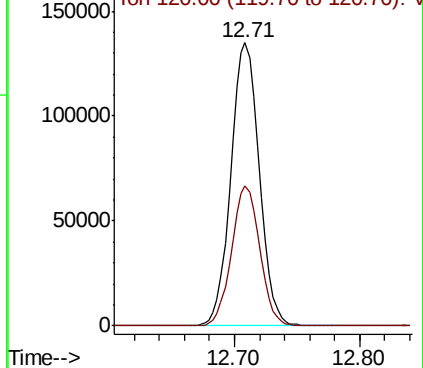


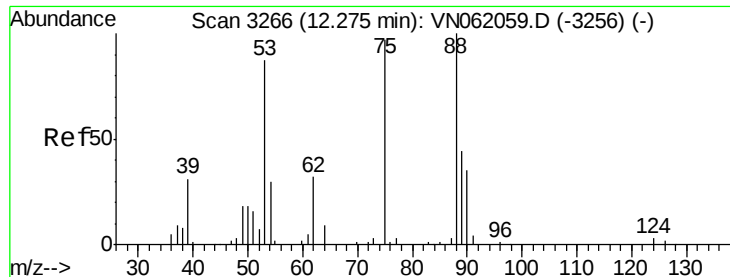
#80
 1,3,5-Trimethylbenzene
 Concen: 20.426 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Tgt Ion: 105 Resp: 211841
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)
 Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.669 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

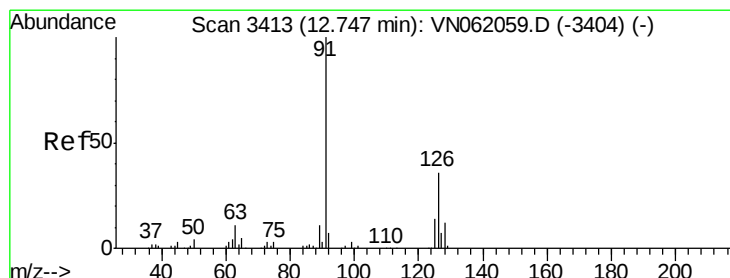
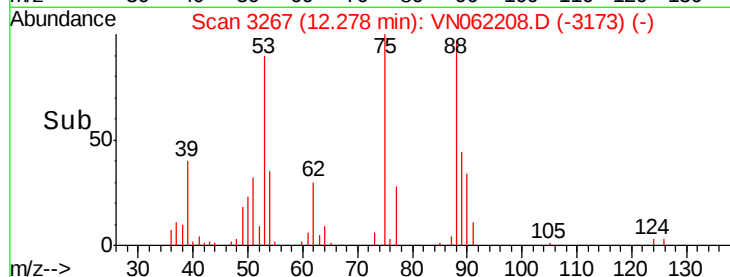
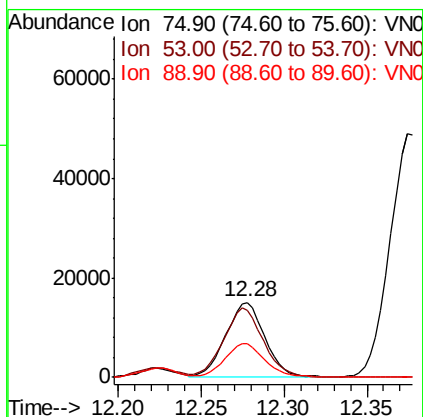
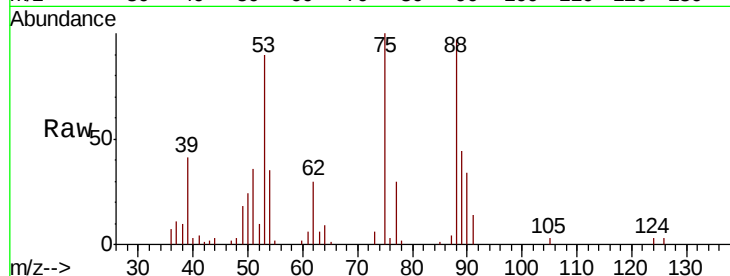
Tot Ion: 75 Resp: 24872

Ion Ratio Lower Upper

75 100

53 93.8 72.0 108.0

89 45.3 36.9 55.3



#82

4-Chlorotoluene

Concen: 19.691 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062208.D

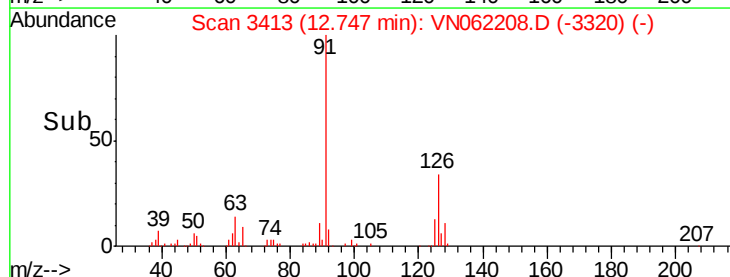
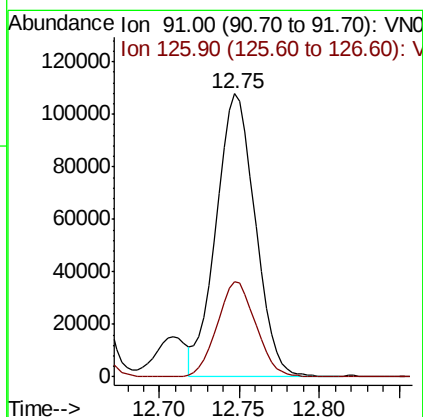
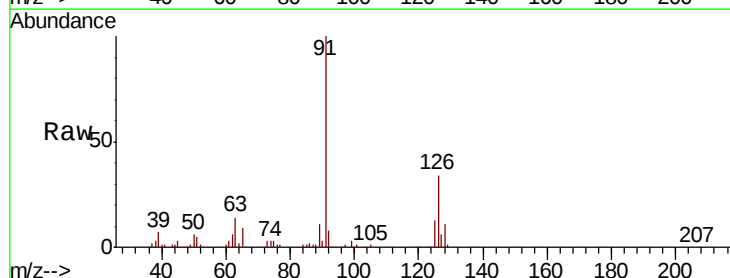
Acq: 30 Jun 2020 00:33

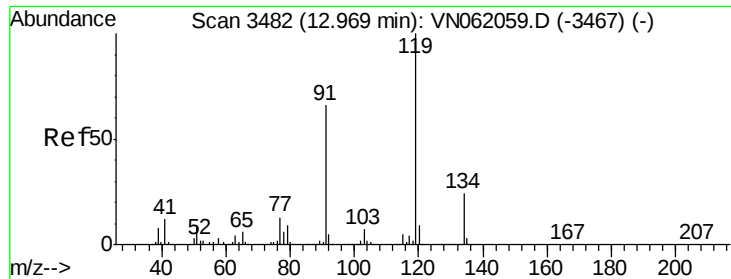
Tgt Ion: 91 Resp: 180151

Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.1

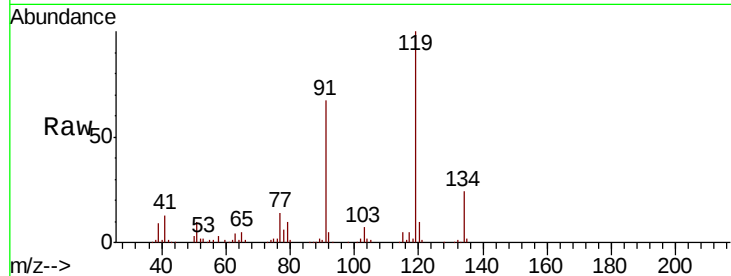




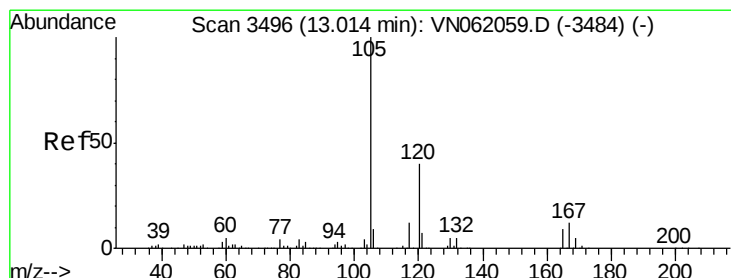
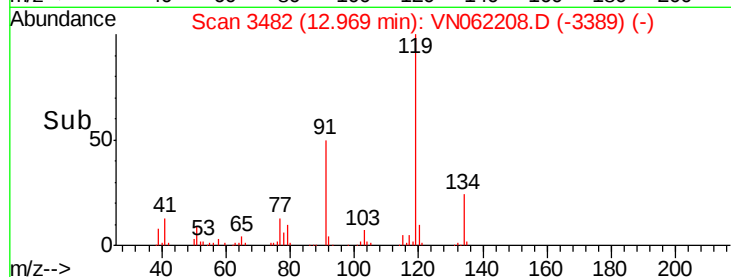
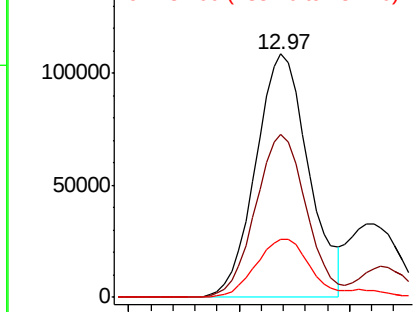
#83
tert-Butylbenzene
Concen: 20.360 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Instrument :
MSVOA_N
ClientSampleID :
VN0629WBSD02

Tot Ion:119 Resp: 180713
Ion Ratio Lower Upper
119 100
91 64.6 31.7 95.1
134 24.4 13.1 39.1

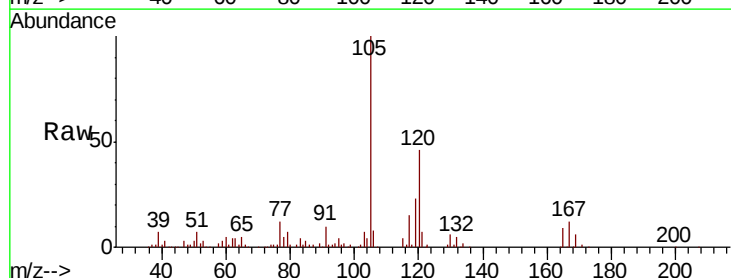


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

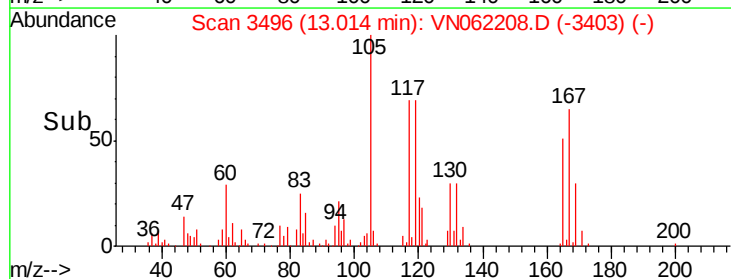
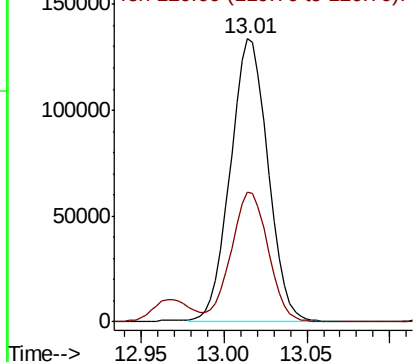


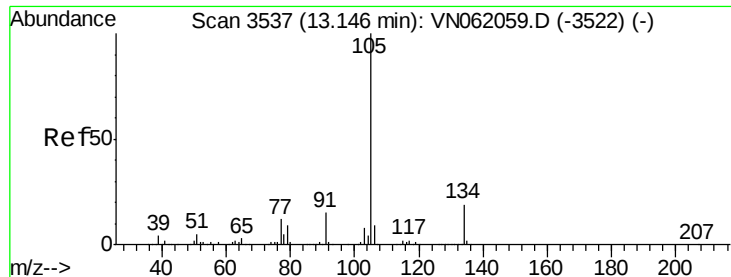
#84
1,2,4-Trimethylbenzene
Concen: 20.253 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062208.D
Acq: 30 Jun 2020 00:33

Tgt Ion:105 Resp: 209786
Ion Ratio Lower Upper
105 100
120 45.6 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

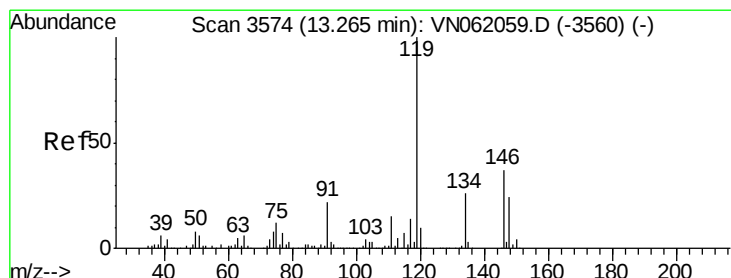
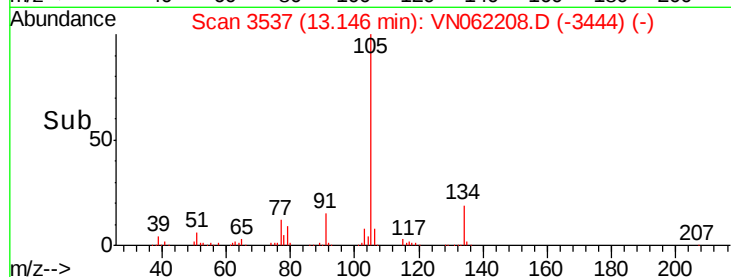
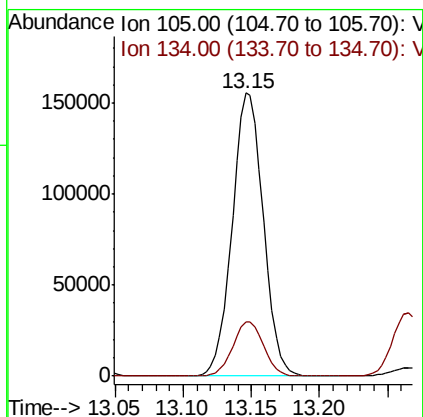
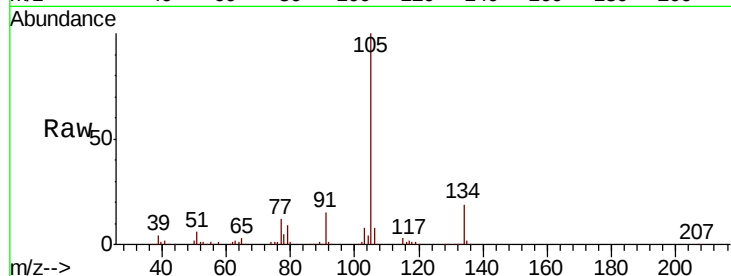




#85
 sec-Butylbenzene
 Concen: 20.864 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

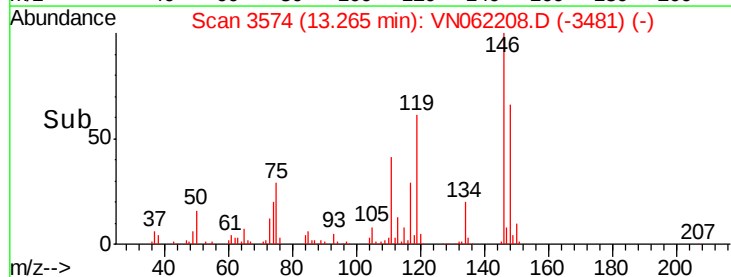
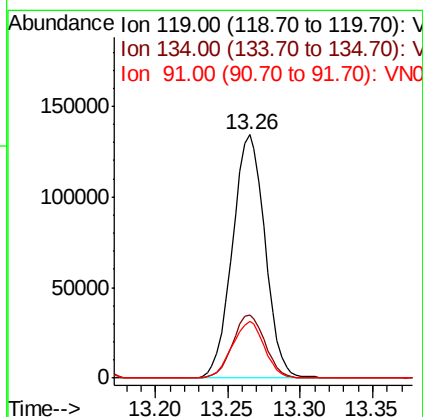
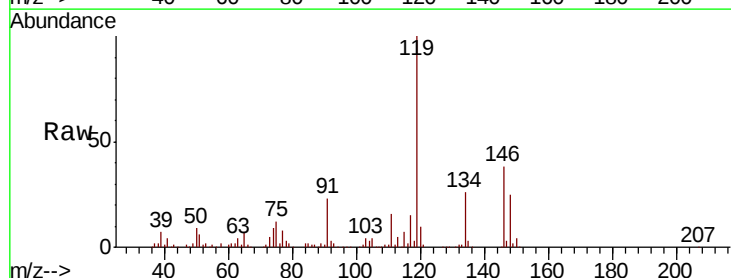
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD02

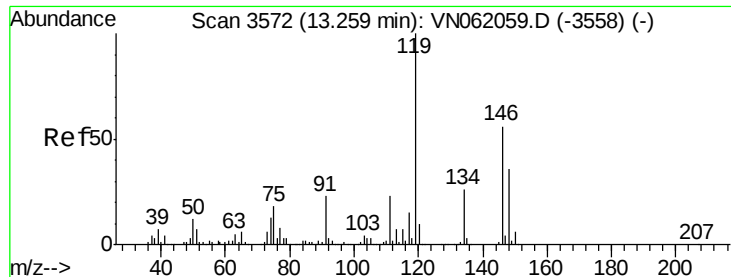
Tot Ion:105 Resp: 244696
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.271 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Tgt Ion:119 Resp: 208291
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 23.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.920 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

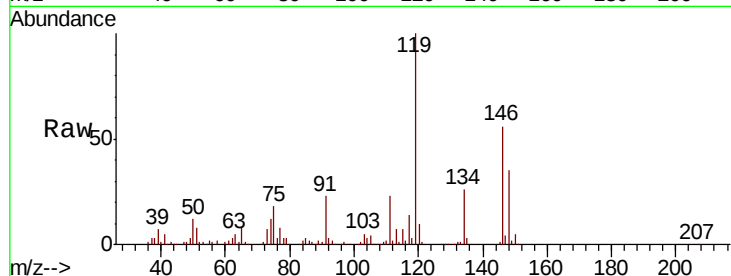
Tot Ion:146 Resp: 105529

Ion Ratio Lower Upper

146 100

111 41.7 20.3 61.0

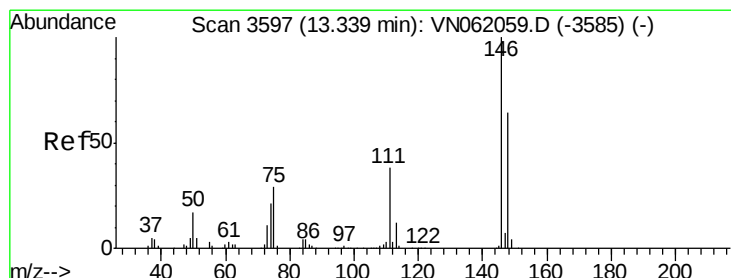
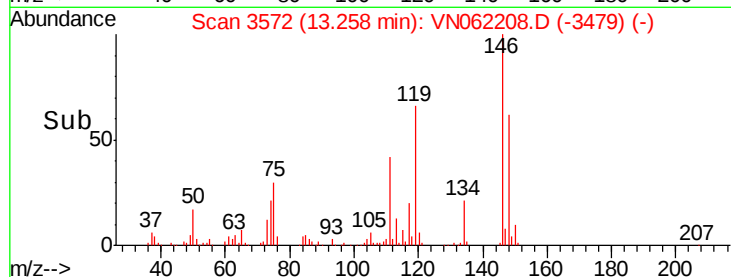
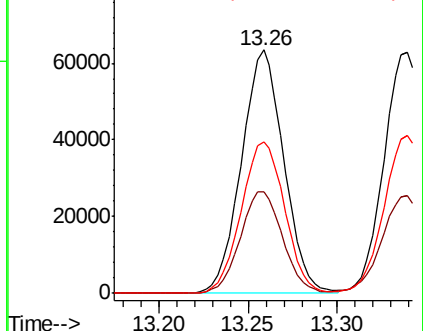
148 63.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.588 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

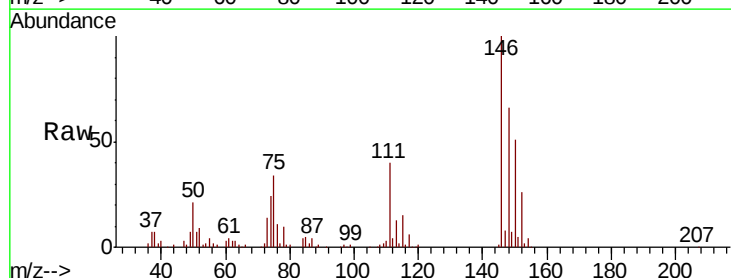
Tgt Ion:146 Resp: 106871

Ion Ratio Lower Upper

146 100

111 41.2 19.9 59.6

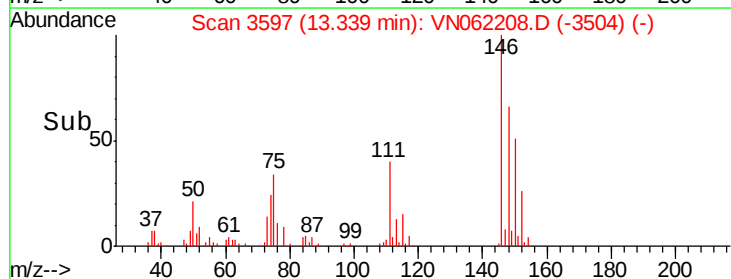
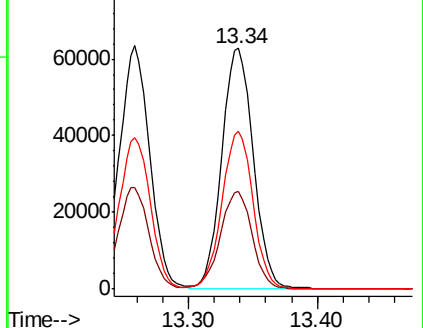
148 64.6 31.9 95.9

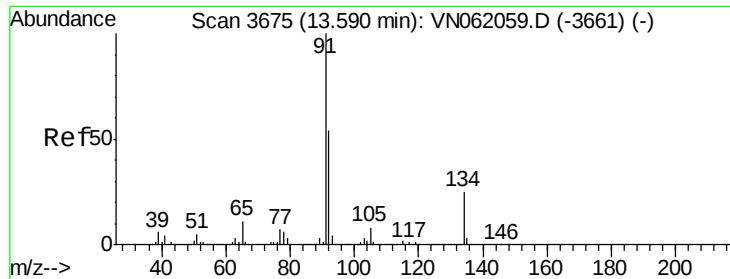


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.497 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

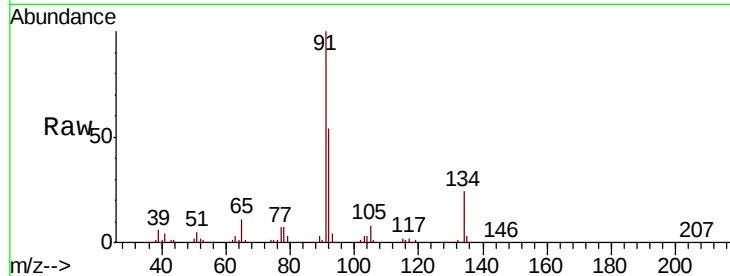
Tot Ion: 91 Resp: 166562

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.7

134 24.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)

13.59

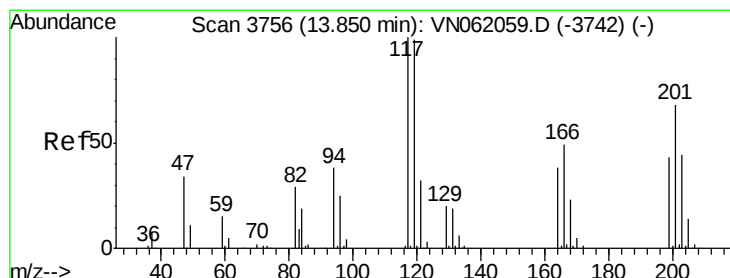
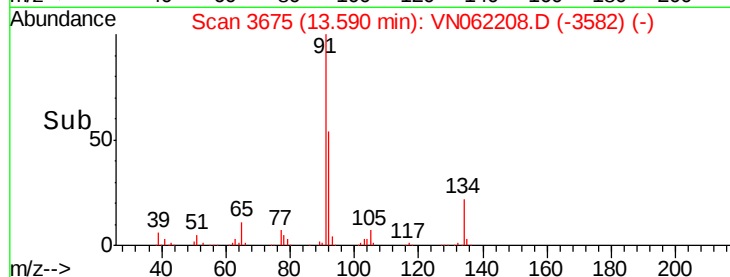
100000

50000

0

Time-->

13.50 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 20.433 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062208.D

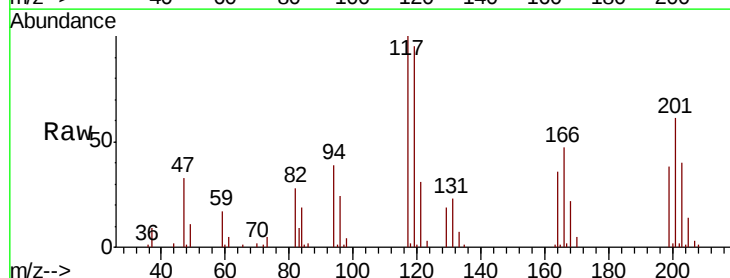
Acq: 30 Jun 2020 00:33

Tgt Ion: 117 Resp: 41194

Ion Ratio Lower Upper

117 100

201 62.0 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)

13.85

30000

25000

20000

15000

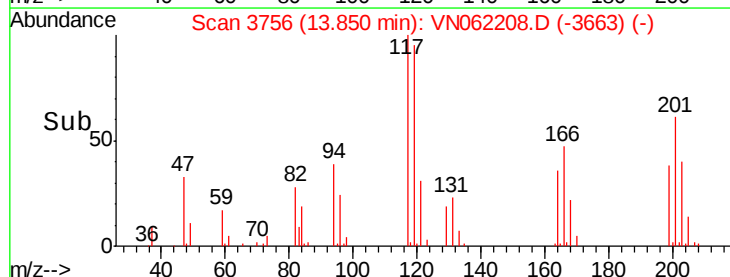
10000

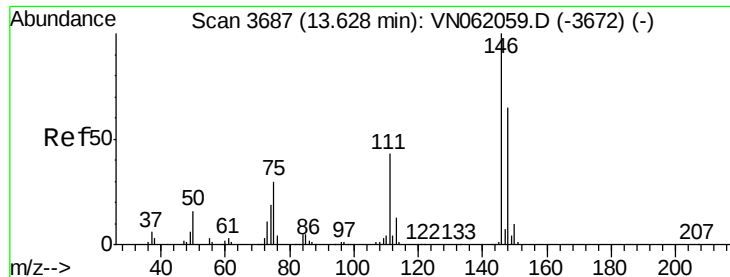
5000

0

Time-->

13.80 13.85 13.90





#91

1,2-Dichlorobenzene

Concen: 19.638 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

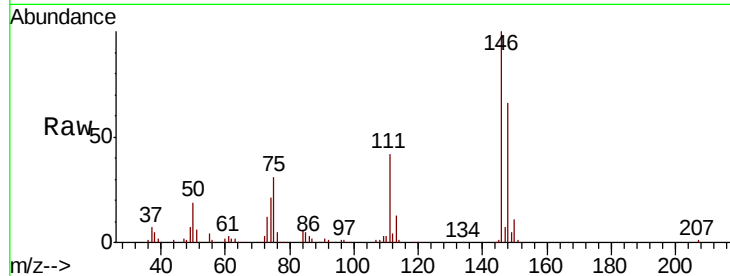
Tot Ion:146 Resp: 106212

Ion Ratio Lower Upper

146 100

111 42.3 21.2 63.6

148 64.3 31.9 95.5

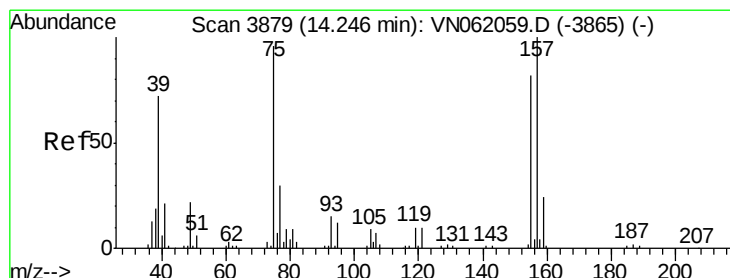
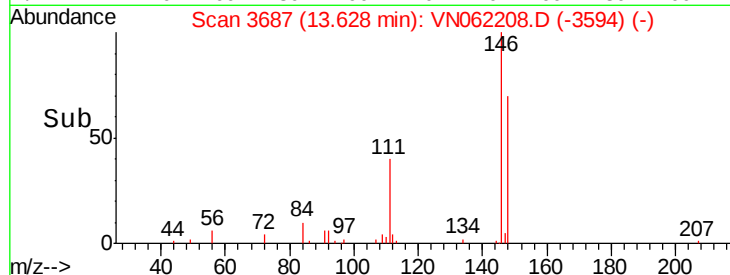
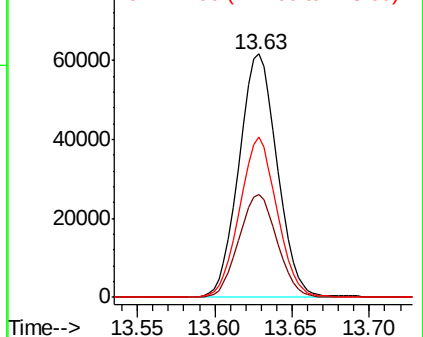


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.564 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

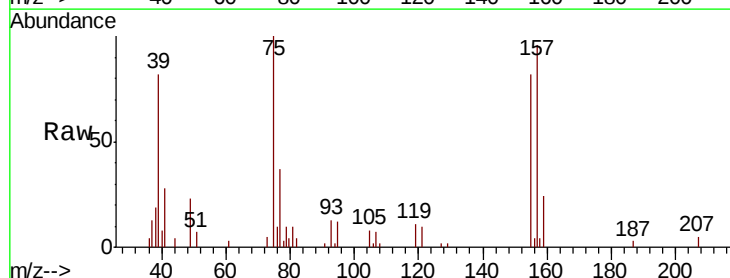
Tgt Ion: 75 Resp: 14707

Ion Ratio Lower Upper

75 100

155 78.1 40.8 122.4

157 99.5 51.4 154.3

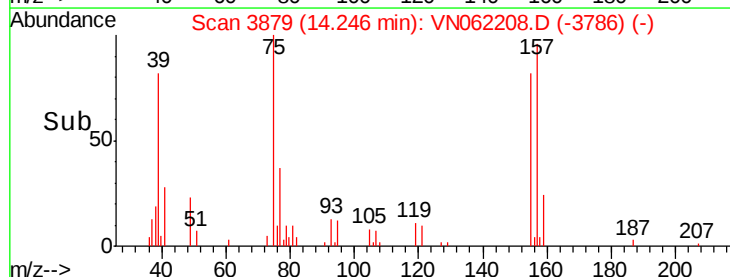
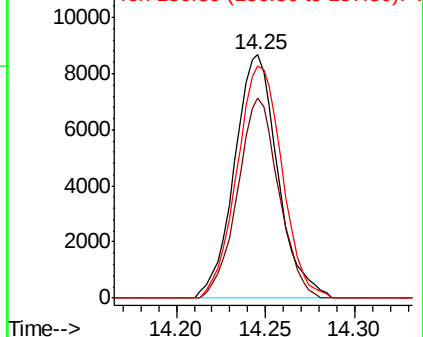


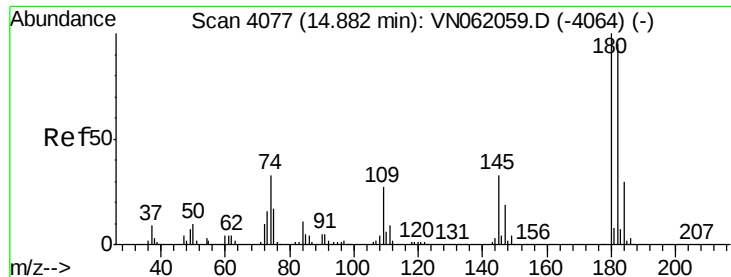
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

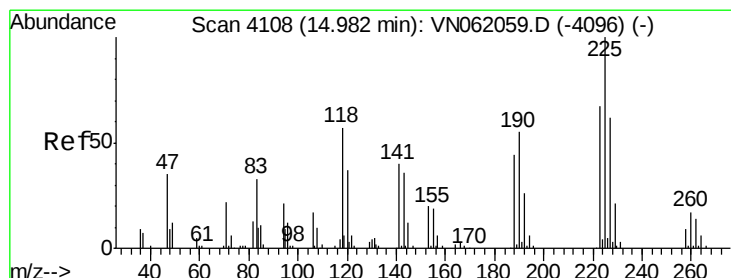
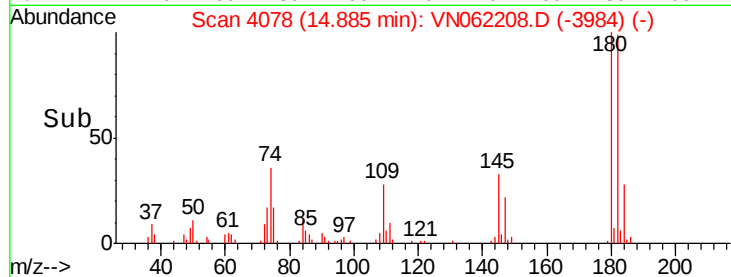
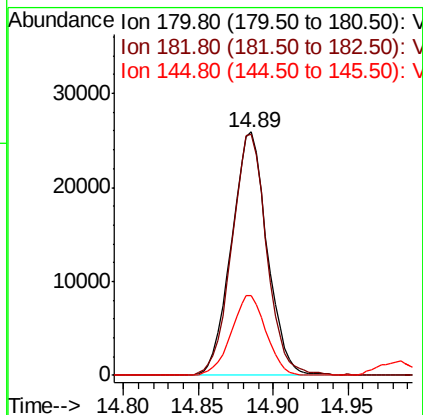
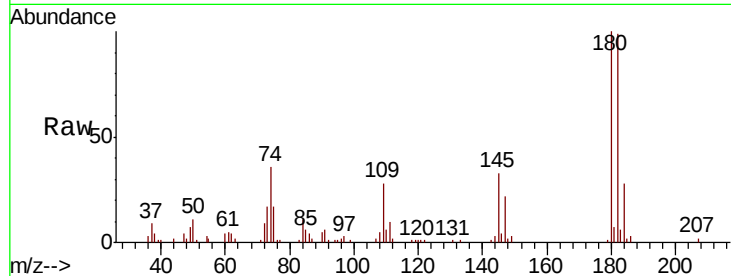




#93
 1,2,4-Trichlorobenzene
 Concen: 18.194 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

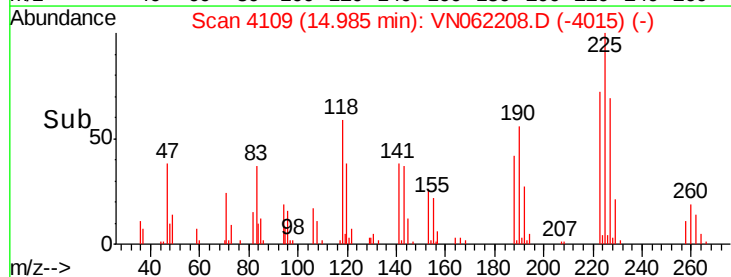
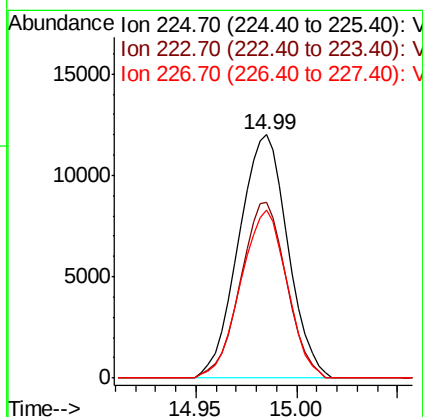
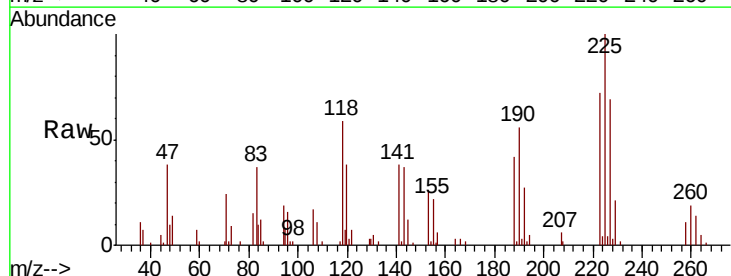
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD02

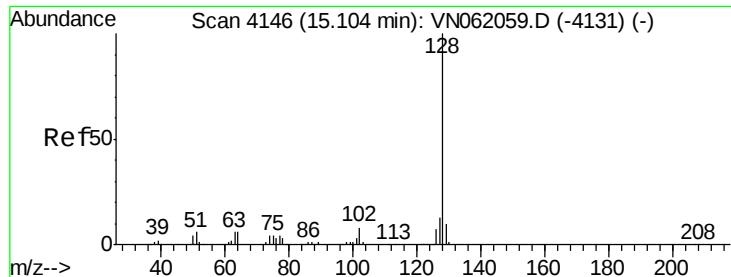
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.2
145	31.9	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 19.950 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062208.D
 Acq: 30 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.7	32.9	98.7
227	65.1	31.3	93.8





#95

Naphthalene

Concen: 19.114 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD02

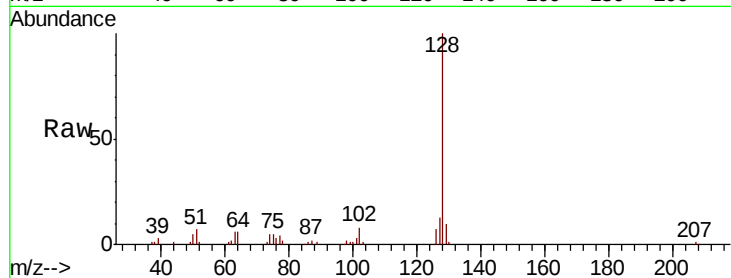
Tot Ion:128 Resp: 129450

Ion Ratio Lower Upper

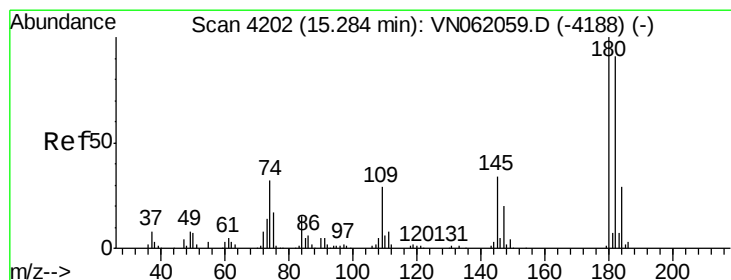
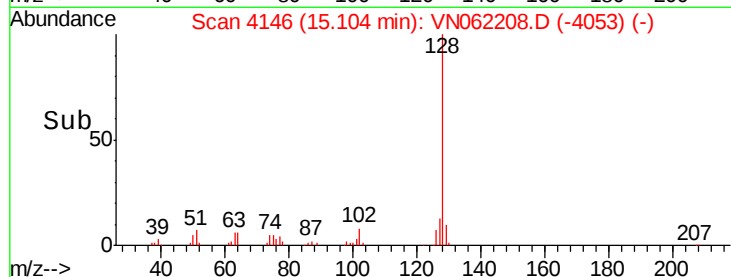
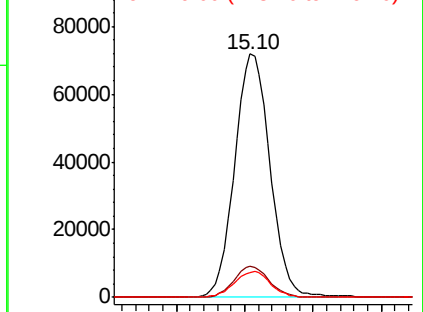
128 100

127 12.6 10.5 15.7

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.840 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062208.D

Acq: 30 Jun 2020 00:33

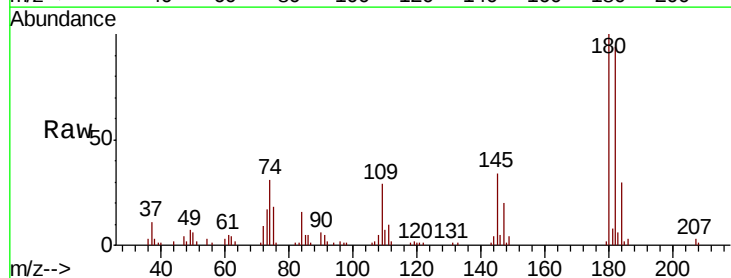
Tgt Ion:180 Resp: 45517

Ion Ratio Lower Upper

180 100

182 94.3 46.8 140.4

145 34.0 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

