

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062084.D
 Acq On : 25 Jun 2020 00:14
 Operator : JC/MD
 Sample : VN0624MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Quant Time: Jun 25 04:34:27 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	235443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172671	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	165439	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	7.55	113	136182	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.06	98	514471	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	12.38	95	164969	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	46585	17.505	ug/l	100
3) Chloromethane	2.03	50	65110	19.978	ug/l	97
4) Vinyl Chloride	2.16	62	74080	17.676	ug/l	100
5) Bromomethane	2.53	94	46926	17.325	ug/l	99
6) Chloroethane	2.67	64	53473	18.678	ug/l	99
7) Trichlorofluoromethane	2.98	101	88012	17.043	ug/l	96
8) Diethyl Ether	3.37	74	35233	19.539	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45928	16.983	ug/l	97
10) Methyl Iodide	3.91	142	47404	15.565	ug/l	99
11) Tert butyl alcohol	4.74	59	46956	98.982	ug/l	98
12) 1,1-Dichloroethene	3.70	96	49311	18.240	ug/l	97
13) Acrolein	3.57	56	39556	85.166	ug/l	99
14) Allyl chloride	4.27	41	64858	17.621	ug/l	97
15) Acrylonitrile	4.93	53	125115	96.784	ug/l	100
16) Acetone	3.78	43	97894	91.829	ug/l	98
17) Carbon Disulfide	4.01	76	140220	18.140	ug/l	97
18) Methyl Acetate	4.28	43	48129	18.324	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	167176	19.352	ug/l	99
20) Methylene Chloride	4.50	84	59625	19.526	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	53515	17.376	ug/l	98
22) Diisopropyl ether	5.90	45	159423	19.023	ug/l	97
23) Vinyl Acetate	5.84	43	650373	95.052	ug/l	99
24) 1,1-Dichloroethane	5.80	63	98151	18.187	ug/l	98
25) 2-Butanone	6.79	43	152064	94.158	ug/l	99
26) 2,2-Dichloropropane	6.78	77	67945	15.109	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	62314	17.981	ug/l	98
28) Bromochloromethane	7.15	49	39096	16.697	ug/l	99
29) Tetrahydrofuran	7.17	42	101066	95.536	ug/l	98
30) Chloroform	7.33	83	100909	18.378	ug/l	98
31) Cyclohexane	7.61	56	78491	17.195	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	83006	17.926	ug/l	100
36) 1,1-Dichloropropene	7.75	75	70149	16.234	ug/l	99
37) Ethyl Acetate	6.88	43	67447	18.849	ug/l	98
38) Carbon Tetrachloride	7.73	117	69219	16.991	ug/l	95

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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	73921	15.613	ug/l	100
40) Benzene	8.00	78	227971	17.309	ug/l	100
41) Methacrylonitrile	7.13	41	28746	17.329	ug/l	98
42) 1,2-Dichloroethane	8.08	62	81957	18.418	ug/l	99
43) Isopropyl Acetate	8.13	43	105906	18.156	ug/l #	88
44) Trichloroethene	8.80	130	55784	16.790	ug/l	100
45) 1,2-Dichloropropane	9.08	63	58683	18.060	ug/l	94
46) Dibromomethane	9.17	93	39813	18.072	ug/l	98
47) Bromodichloromethane	9.37	83	79703	17.918	ug/l	100
48) Methyl methacrylate	9.17	41	47344	18.102	ug/l	98
49) 1,4-Dioxane	9.17	88	21092	363.662	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	322818	94.724	ug/l	99
52) Toluene	10.12	92	141176	17.567	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	81642	16.682	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	90320	17.335	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57209	18.110	ug/l	98
56) Ethyl methacrylate	10.40	69	76904	18.242	ug/l	97
57) 1,3-Dichloropropane	10.68	76	98569	18.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	139591	88.865	ug/l	99
59) 2-Hexanone	10.72	43	225785	91.749	ug/l	100
60) Dibromochloromethane	10.87	129	60665	18.139	ug/l	98
61) 1,2-Dibromoethane	10.98	107	58367	17.982	ug/l	99
64) Tetrachloroethene	10.60	164	45215	16.728	ug/l	97
65) Chlorobenzene	11.41	112	149273	17.178	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	53063	17.659	ug/l	100
67) Ethyl Benzene	11.48	91	254224	17.323	ug/l	99
68) m/p-Xylenes	11.60	106	194158	34.205	ug/l	100
69) o-Xylene	11.92	106	92464	17.265	ug/l	98
70) Styrene	11.94	104	155405	17.399	ug/l	99
71) Bromoform	12.10	173	38360	17.955	ug/l #	98
73) Isopropylbenzene	12.22	105	241281	18.052	ug/l	99
74) N-amyl acetate	12.05	43	80989	18.703	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84679	19.038	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	100517	24.729	ug/l #	100
77) Bromobenzene	12.50	156	59639	17.972	ug/l	98
78) n-propylbenzene	12.57	91	269949	17.657	ug/l	99
79) 2-Chlorotoluene	12.65	91	164697	17.819	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	197054	18.186	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	22711	16.317	ug/l	93
82) 4-Chlorotoluene	12.75	91	164124	17.171	ug/l	100
83) tert-Butylbenzene	12.97	119	163369	17.618	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	194601	17.983	ug/l	99
85) sec-Butylbenzene	13.15	105	214038	17.468	ug/l	100
86) p-Isopropyltoluene	13.26	119	186851	17.406	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	101340	17.391	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	97550	16.241	ug/l	95
89) n-Butylbenzene	13.59	91	142278	15.942	ug/l	100
90) Hexachloroethane	13.85	117	35954	17.070	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	97801	17.308	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14479	20.320	ug/l	94

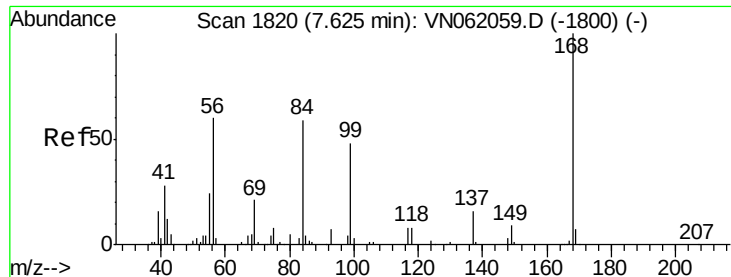
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	40878	16.560	ug/l	98
94) Hexachlorobutadiene	14.98	225	17820	16.621	ug/l	100
95) Naphthalene	15.11	128	122340	17.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	42806	16.959	ug/l	98

(#) = 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: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

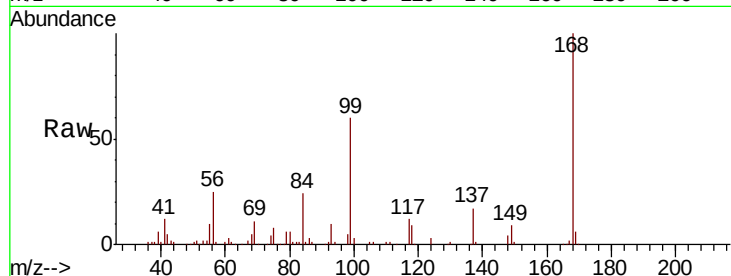
VN0624MBS01

Tot Ion:168 Resp: 235443

Ion Ratio Lower Upper

168 100

99 60.5 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

60000

40000

20000

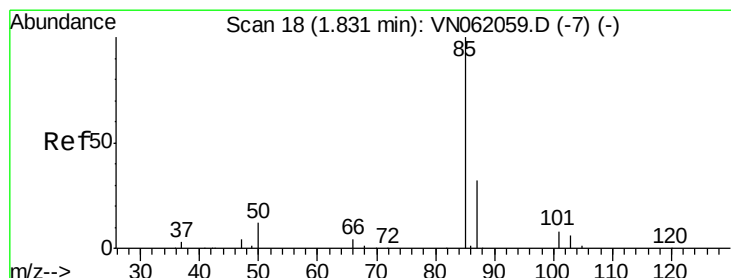
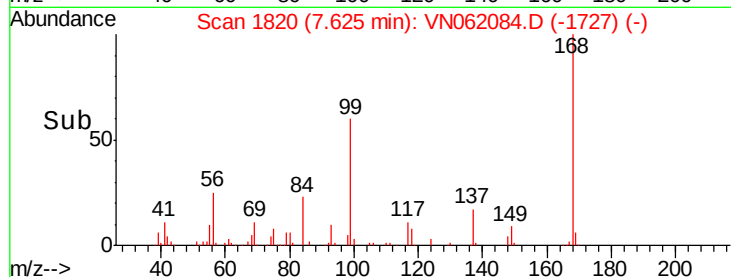
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Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 17.505 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062084.D

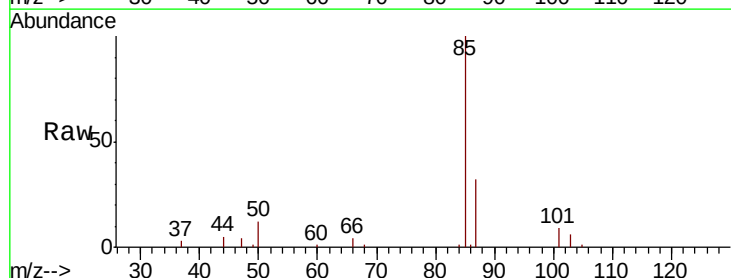
Acq: 25 Jun 2020 00:14

Tgt Ion: 85 Resp: 46585

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

40000

30000

20000

10000

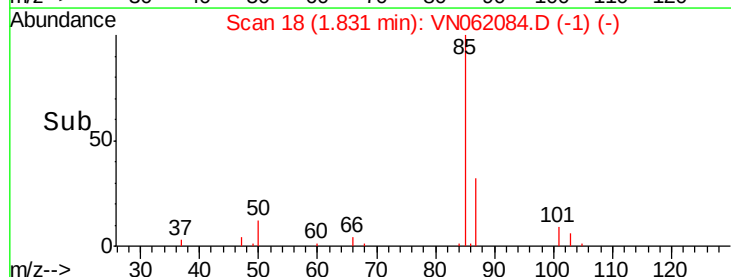
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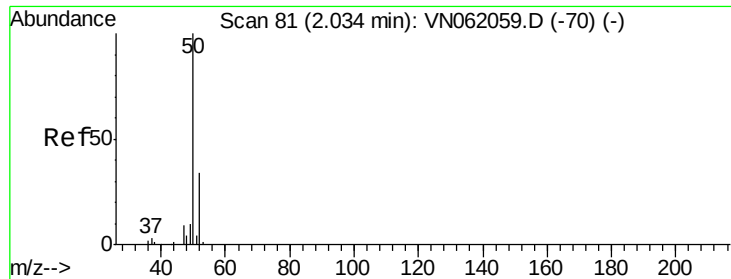
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 19.978 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

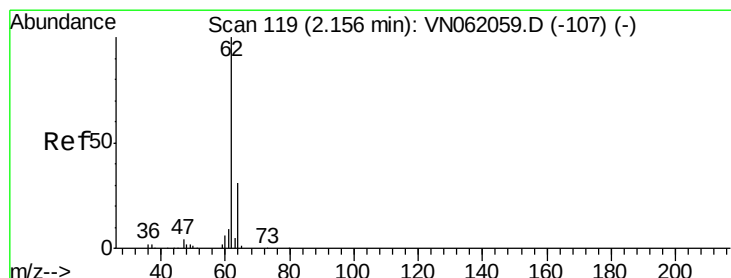
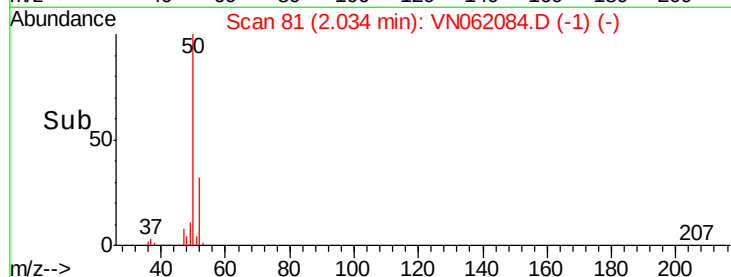
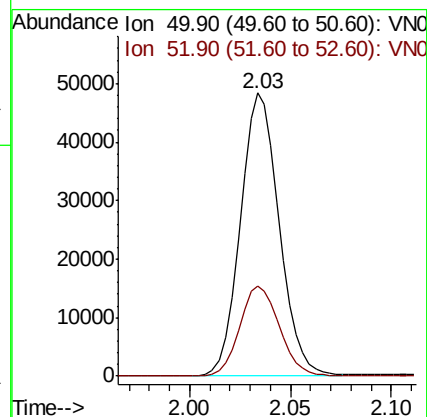
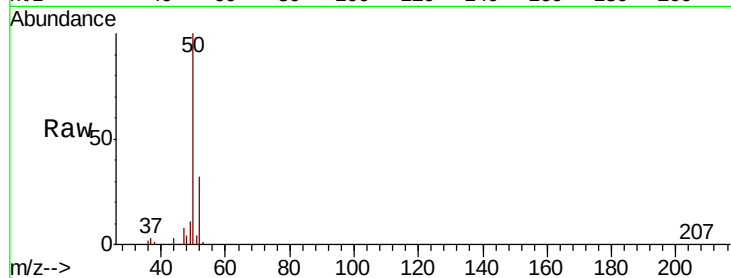
VN0624MBS01

Tot Ion: 50 Resp: 65110

Ion Ratio Lower Upper

50 100

52 31.8 27.0 40.6



#4

Vinyl Chloride

Concen: 17.676 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062084.D

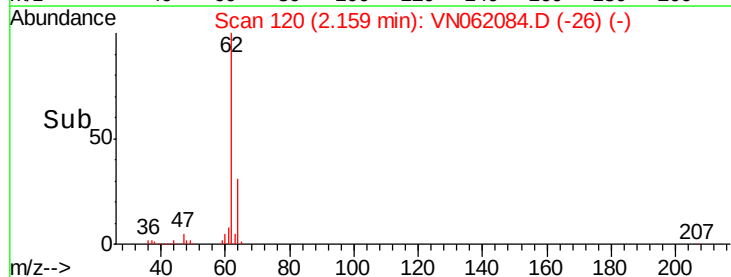
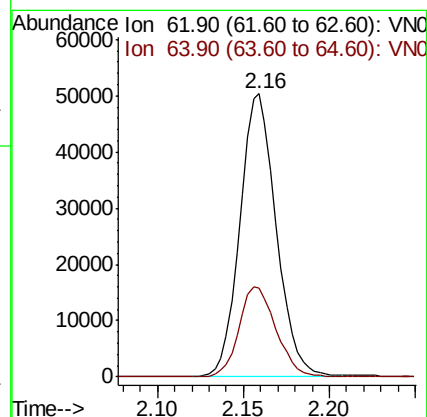
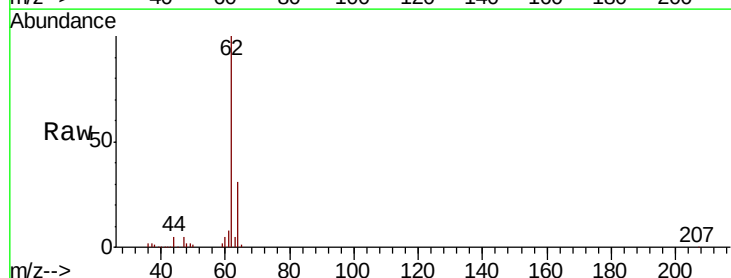
Acq: 25 Jun 2020 00:14

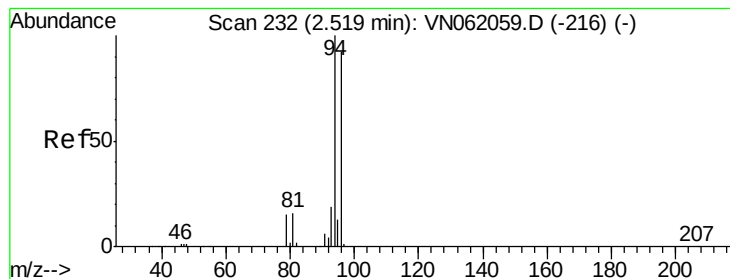
Tgt Ion: 62 Resp: 74080

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 17.325 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

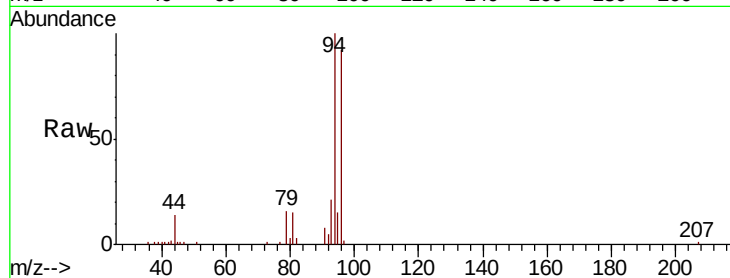
VN0624MBS01

Tot Ion: 94 Resp: 46926

Ion Ratio Lower Upper

94 100

96 92.4 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062059.D (-216) (-)

2.53

25000

20000

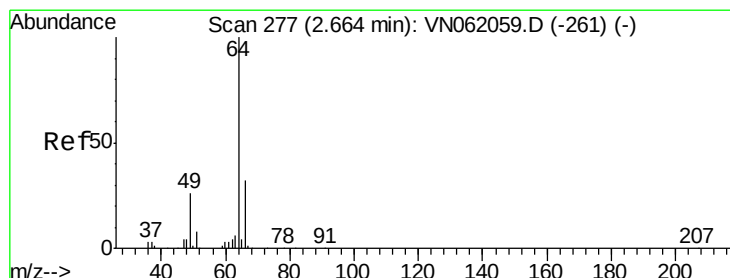
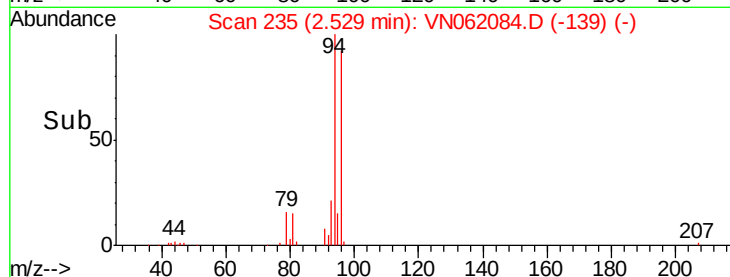
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.678 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062084.D

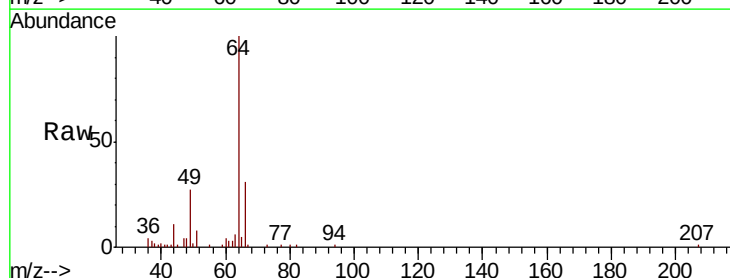
Acq: 25 Jun 2020 00:14

Tgt Ion: 64 Resp: 53473

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)

2.67

30000

25000

20000

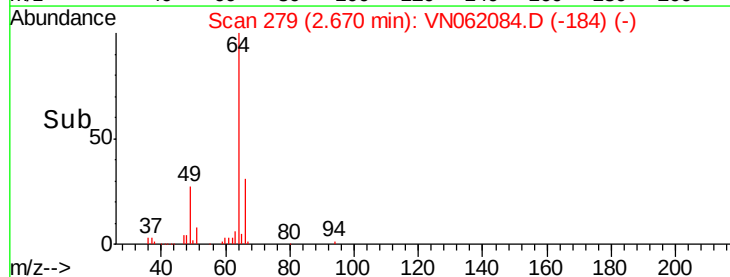
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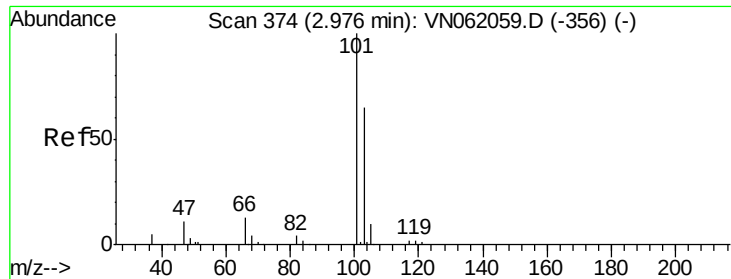
10000

5000

0

Time-->



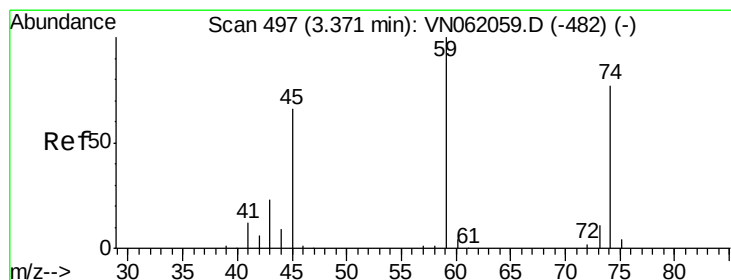
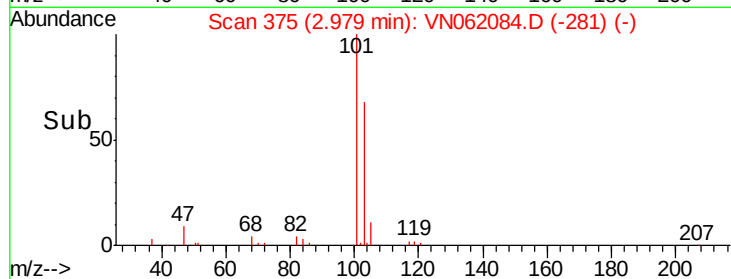
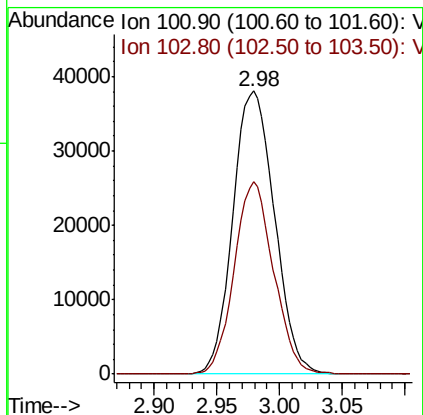
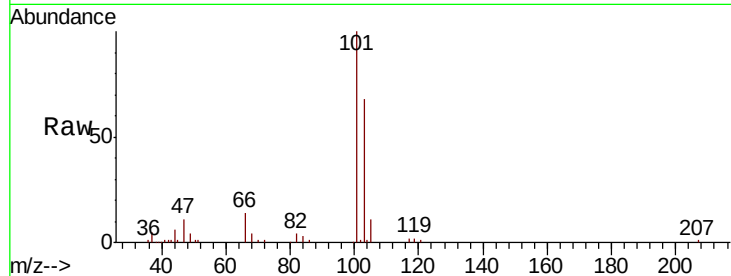


#7

Trichlorofluoromethane
 Concen: 17.043 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

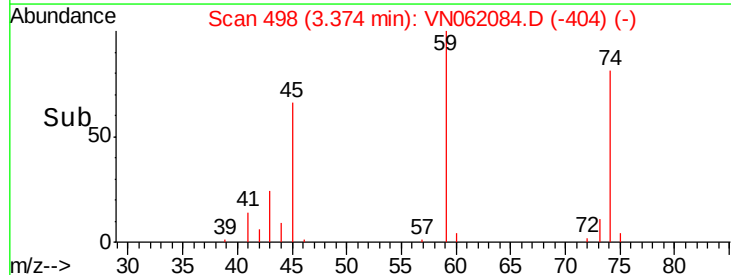
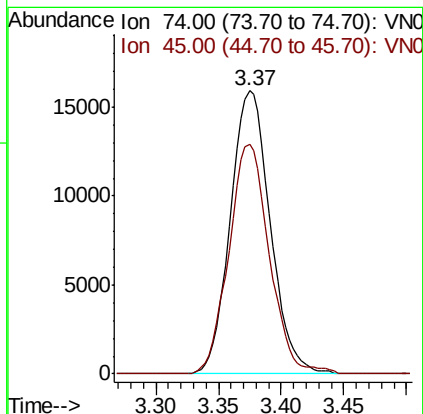
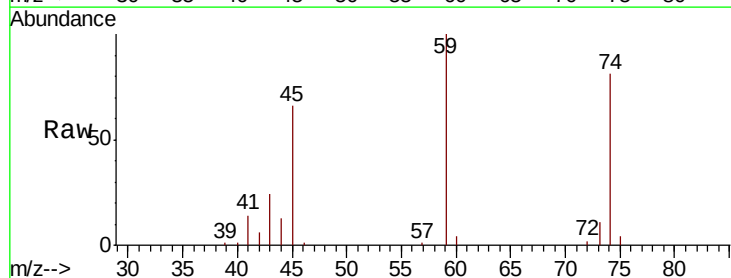
Tot Ion:101 Resp: 88012
 Ion Ratio Lower Upper
 101 100
 103 67.9 51.8 77.6

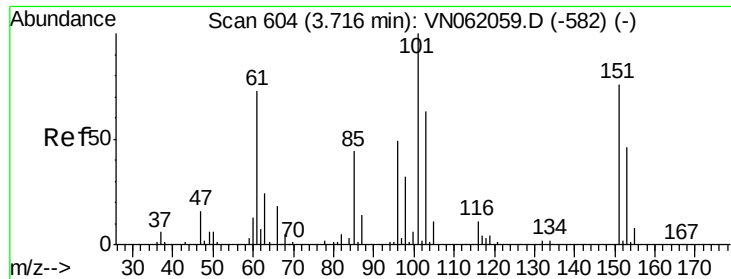


#8

Diethyl Ether
 Concen: 19.539 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 74 Resp: 35233
 Ion Ratio Lower Upper
 74 100
 45 82.1 42.5 127.5

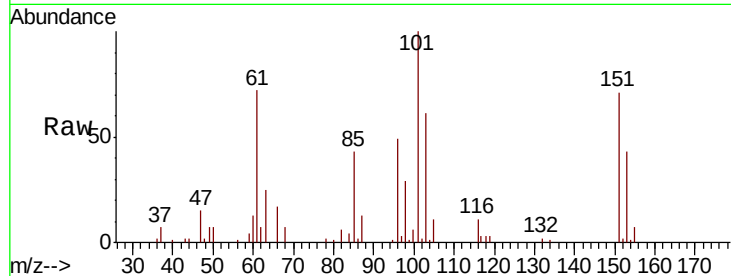




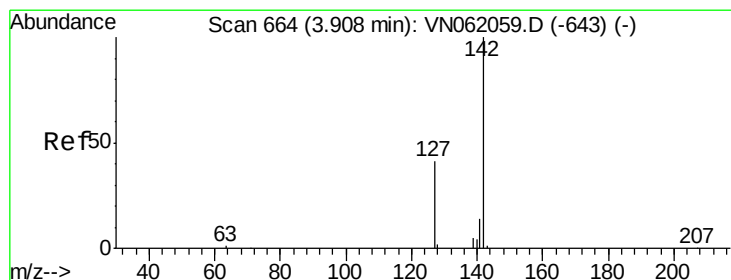
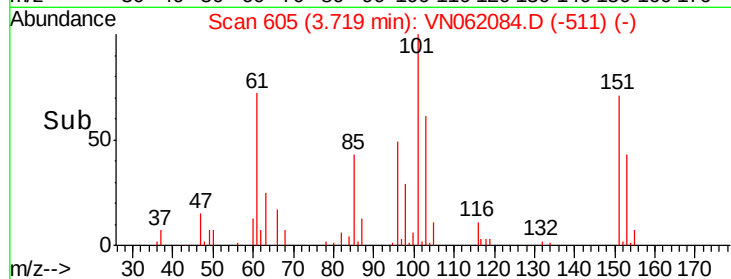
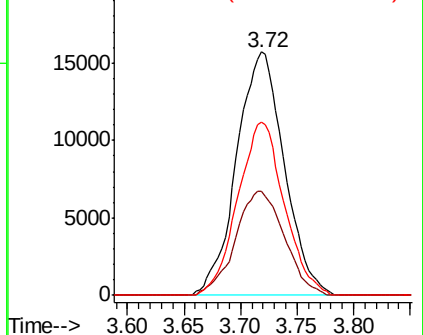
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 16.983 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion:101 Resp: 45928
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.5 51.7
 151 69.6 57.8 86.8

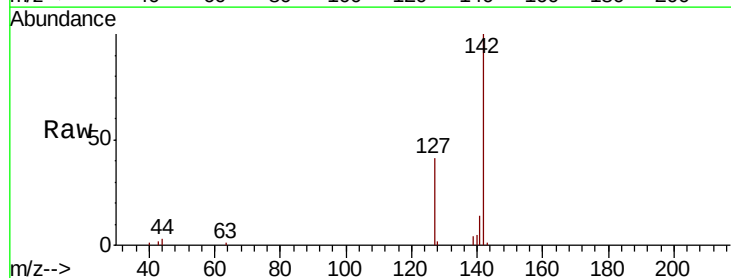


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

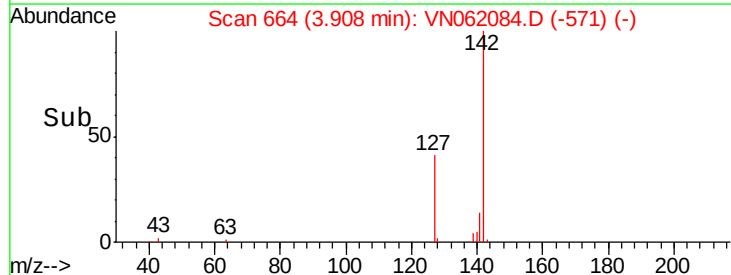
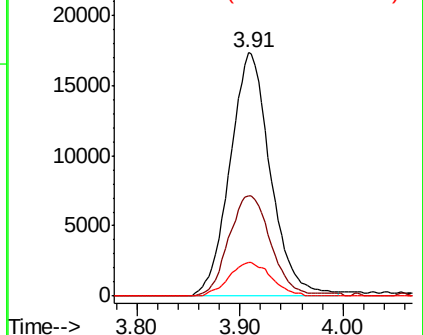


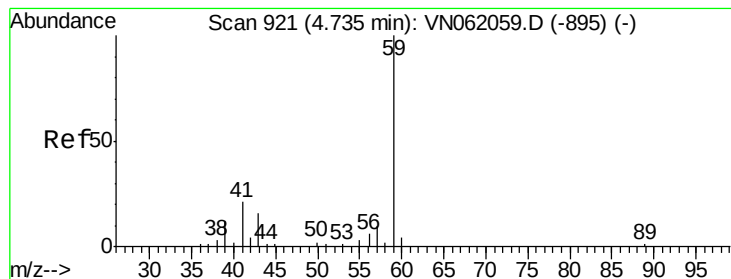
#10
 Methyl Iodide
 Concen: 15.565 ug/l
 RT: 3.91 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion:142 Resp: 47404
 Ion Ratio Lower Upper
 142 100
 127 42.4 33.6 50.4
 141 14.5 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: 98.982 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampled :

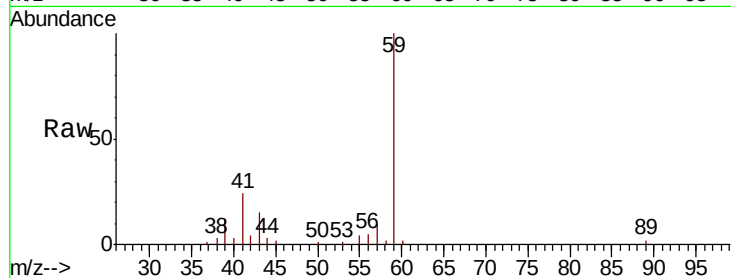
VN0624MBS01

Tot Ion: 59 Resp: 46956

Ion Ratio Lower Upper

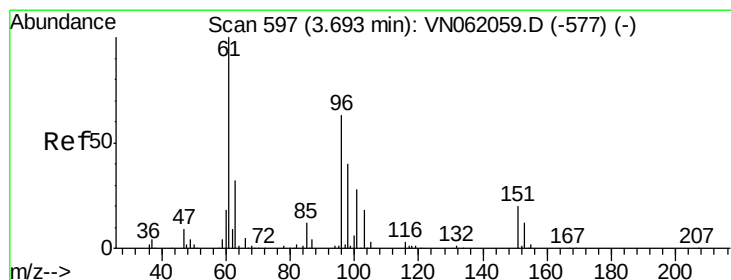
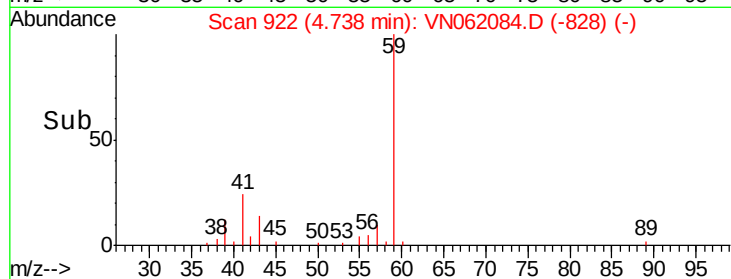
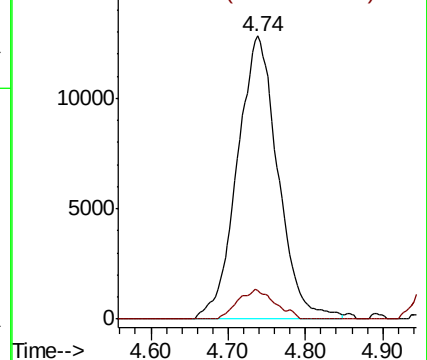
59 100

57 9.5 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN062059.D (-895) (-)

Ion 57.00 (56.70 to 57.70): VN062059.D (-895) (-)



#12

1,1-Dichloroethene

Concen: 18.240 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

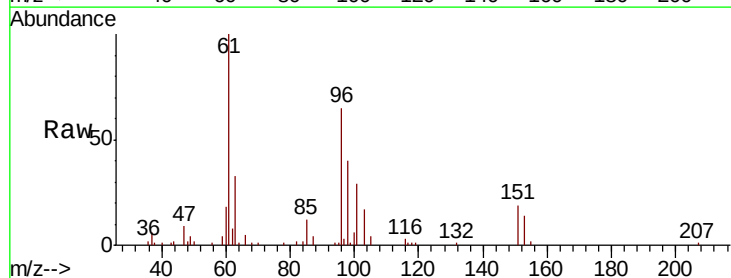
Tgt Ion: 96 Resp: 49311

Ion Ratio Lower Upper

96 100

61 154.5 126.7 190.1

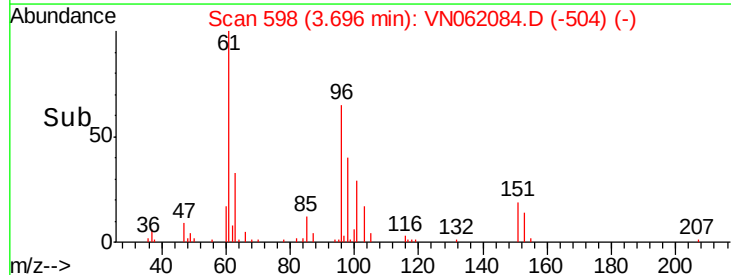
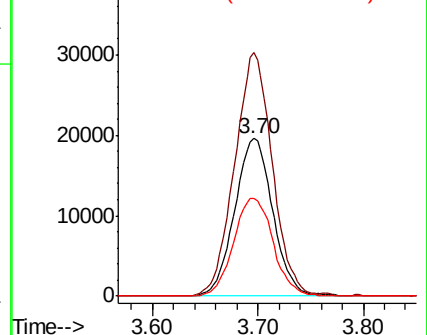
98 61.9 51.0 76.4

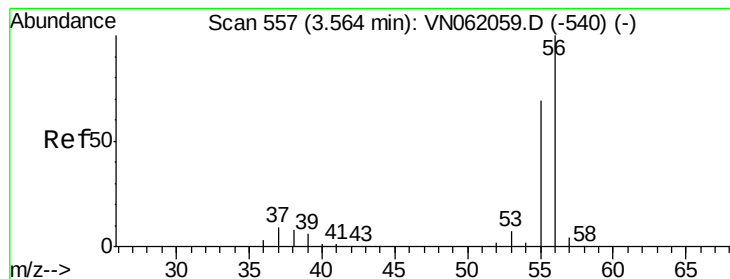


Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-577) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-577) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-577) (-)





#13

Acrolein

Concen: 85.166 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

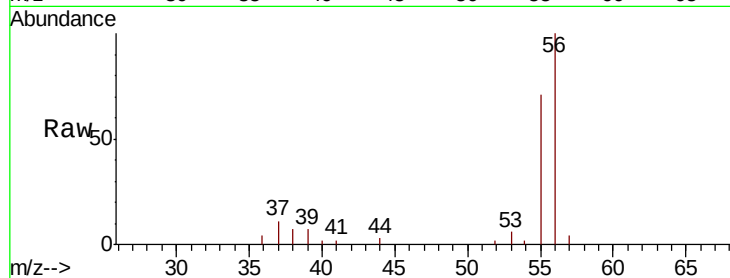
VN0624MBS01

Tot Ion: 56 Resp: 39556

Ion Ratio Lower Upper

56 100

55 70.4 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062059.D (-540) (-)

3.57

15000

10000

5000

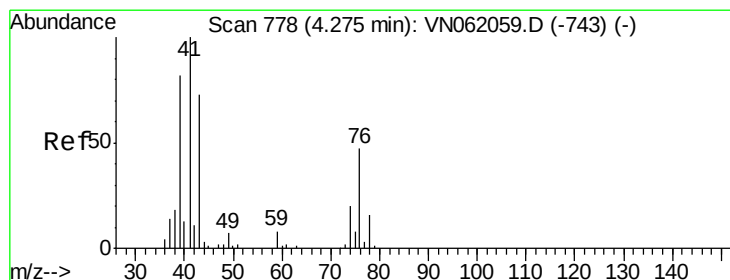
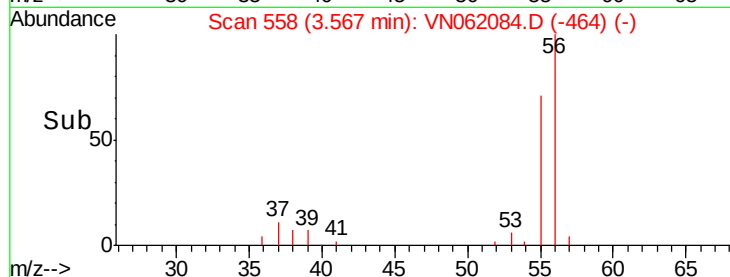
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 17.621 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

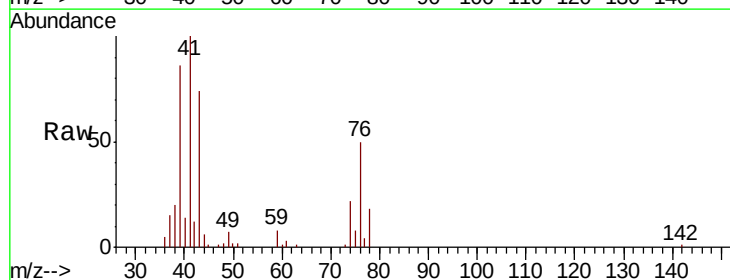
Tgt Ion: 41 Resp: 64858

Ion Ratio Lower Upper

41 100

39 77.0 60.0 90.0

76 44.7 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062059.D (-743) (-)

4.27

25000

20000

15000

10000

5000

0

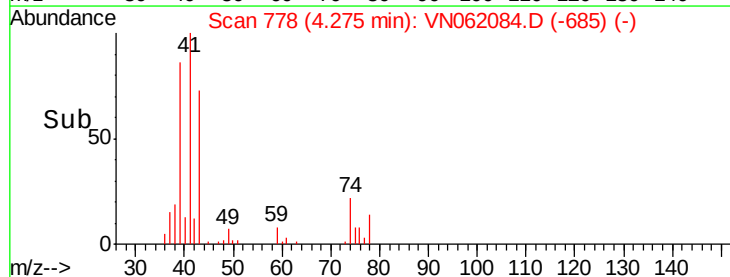
Time-->

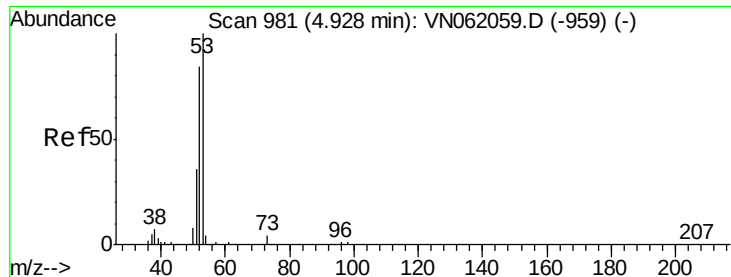
4.10

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 96.784 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

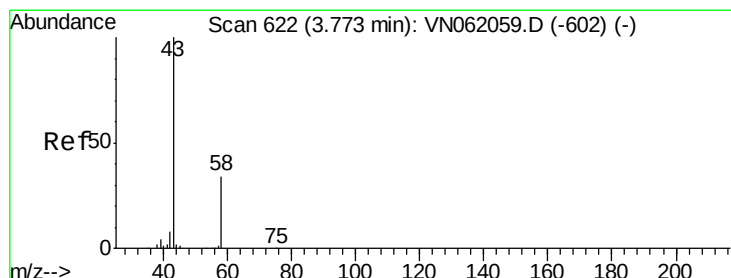
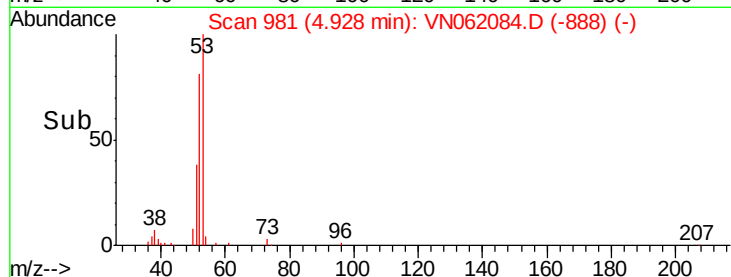
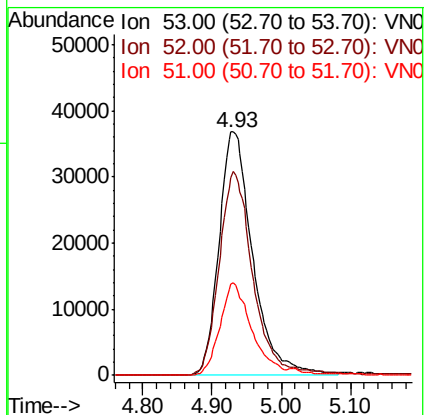
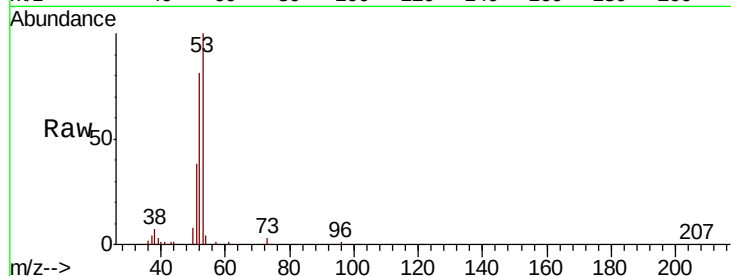
Tot Ion: 53 Resp: 125115

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.4

51 35.7 28.9 43.3



#16

Acetone

Concen: 91.829 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062084.D

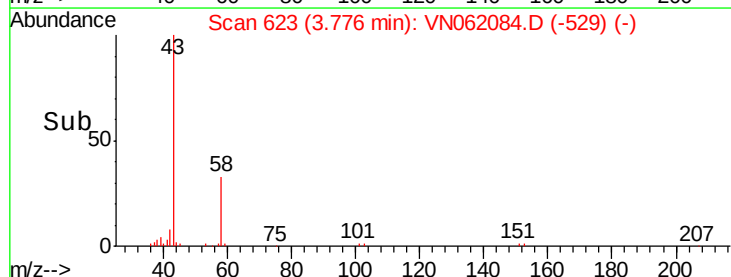
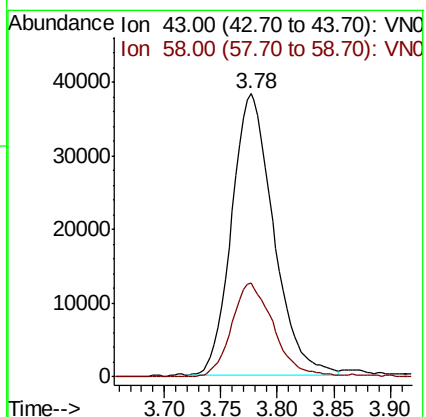
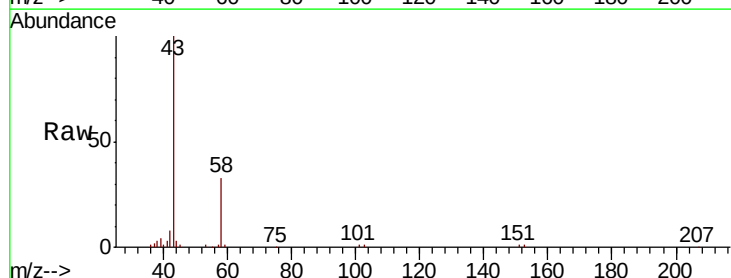
Acq: 25 Jun 2020 00:14

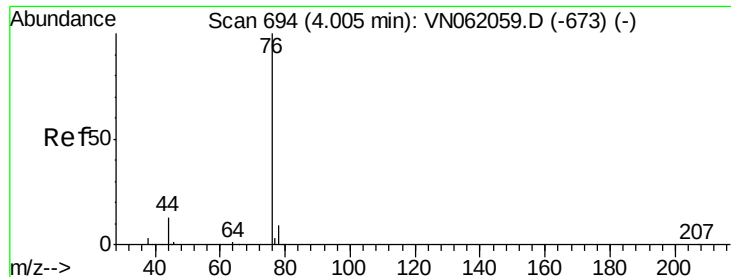
Tgt Ion: 43 Resp: 97894

Ion Ratio Lower Upper

43 100

58 33.3 27.5 41.3

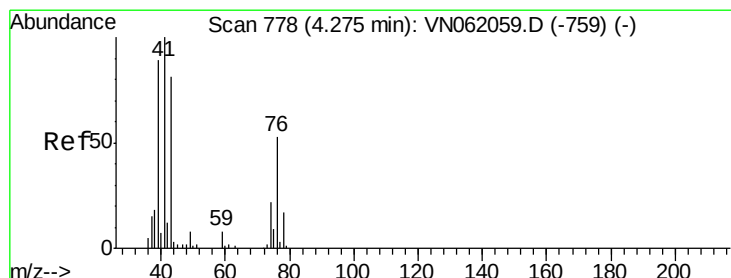
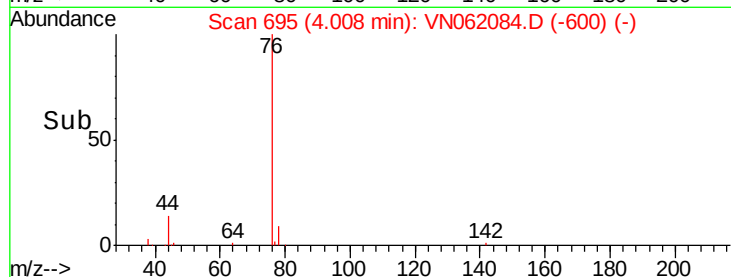
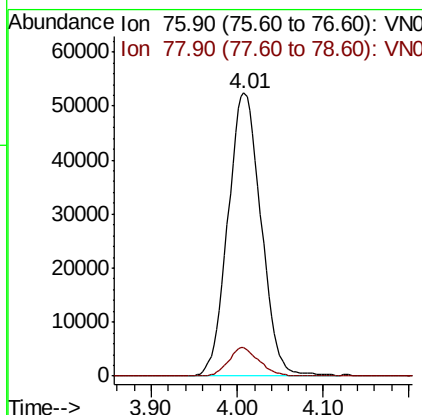
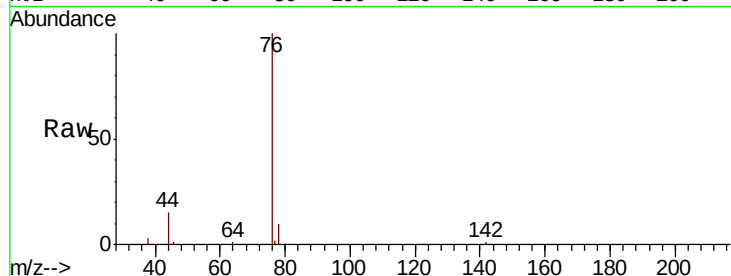




#17
Carbon Disulfide
Concen: 18.140 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

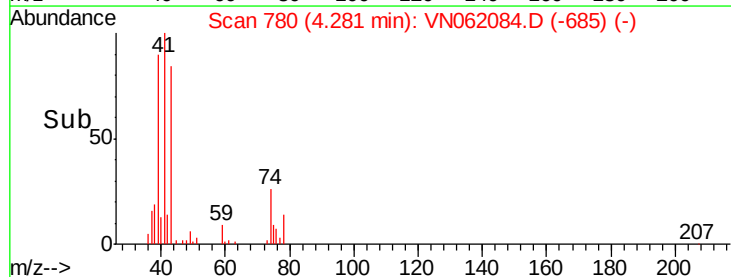
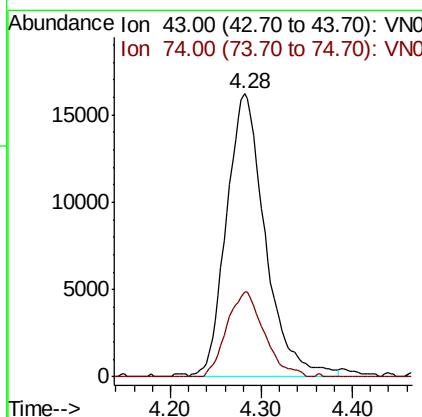
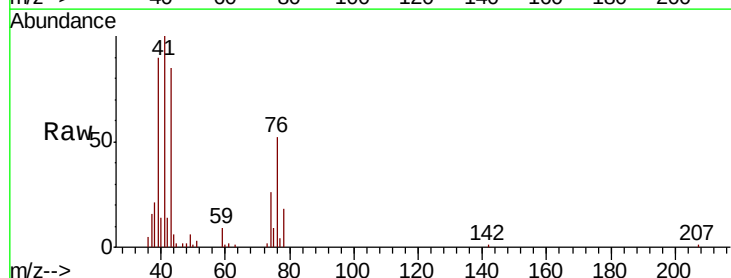
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

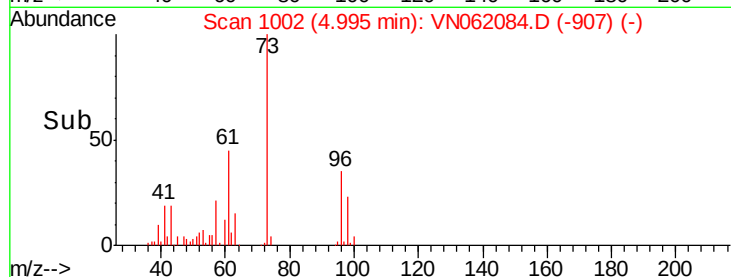
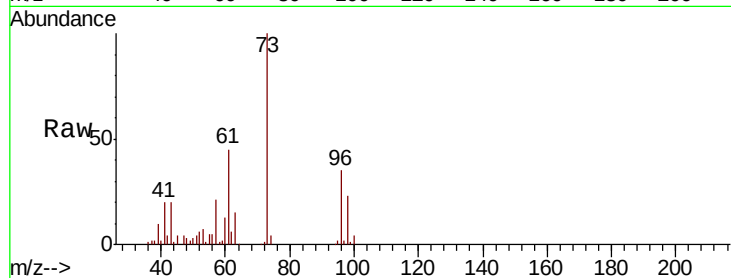
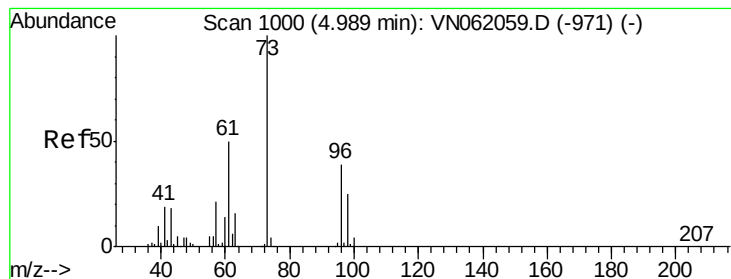
Tot Ion: 76 Resp: 140220
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#18
Methyl Acetate
Concen: 18.324 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 43 Resp: 48129
Ion Ratio Lower Upper
43 100
74 28.9 22.9 34.3



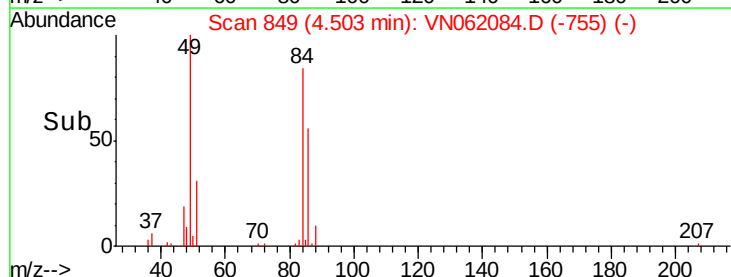
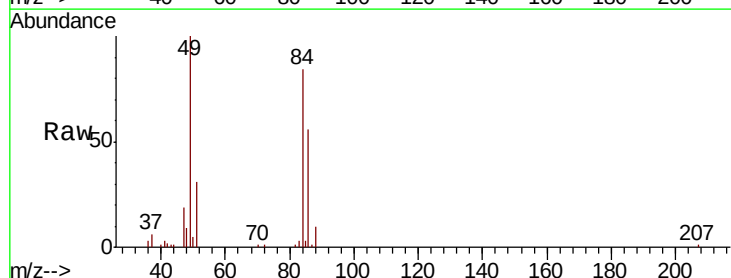
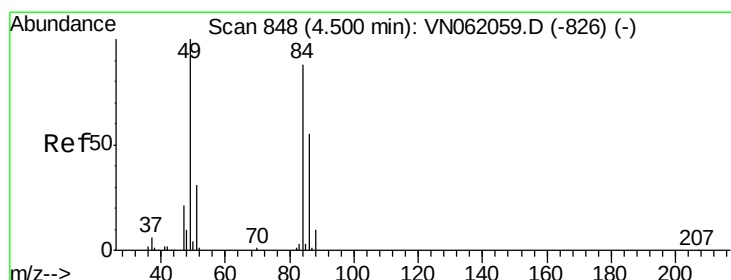
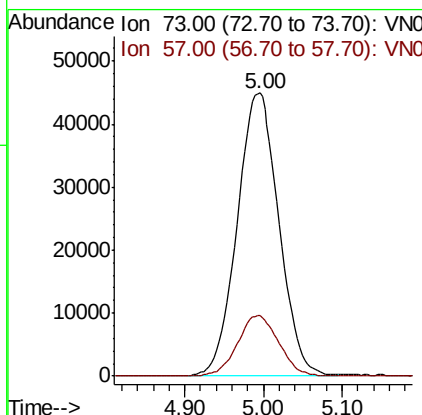


#19

Methyl tert-butyl Ether
 Concen: 19.352 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

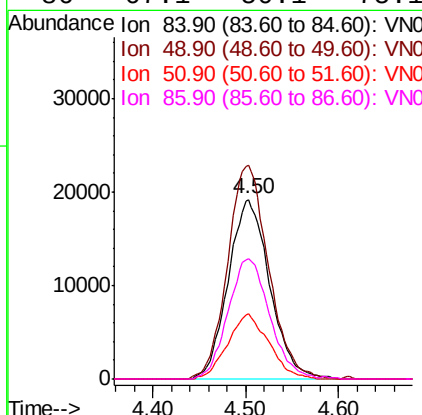
Tot Ion: 73 Resp: 167176
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.6 24.8

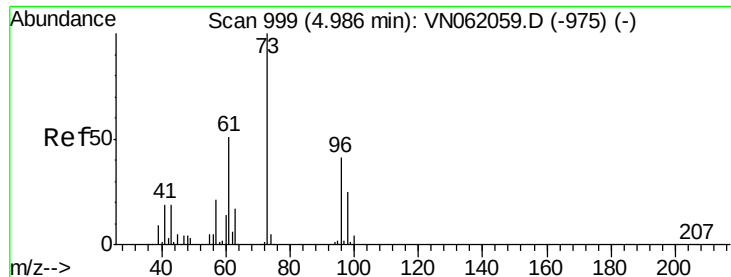


#20

Methylene Chloride
 Concen: 19.526 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 84 Resp: 59625
 Ion Ratio Lower Upper
 84 100
 49 119.0 90.6 136.0
 51 36.4 27.8 41.8
 86 67.1 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.376 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

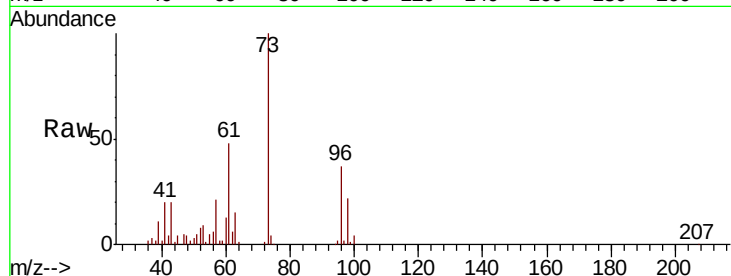
Tot Ion: 96 Resp: 53515

Ion Ratio Lower Upper

96 100

61 127.9 101.4 152.2

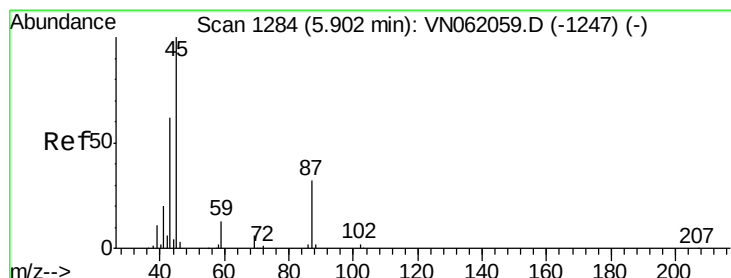
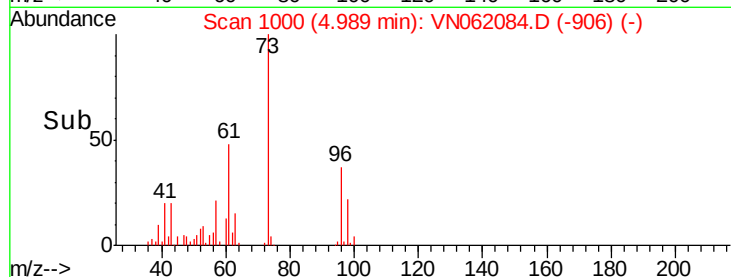
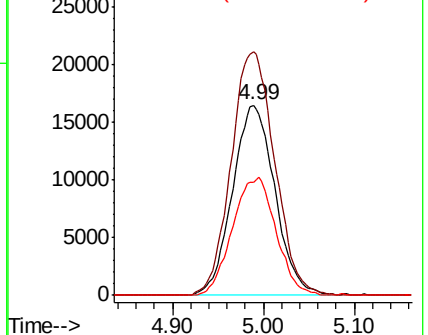
98 59.4 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062084.D (-1006) (-)

Ion 60.90 (60.60 to 61.60): VN062084.D (-1006) (-)

Ion 97.90 (97.60 to 98.60): VN062084.D (-1006) (-)



#22

Diisopropyl ether

Concen: 19.023 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Tgt Ion: 45 Resp: 159423

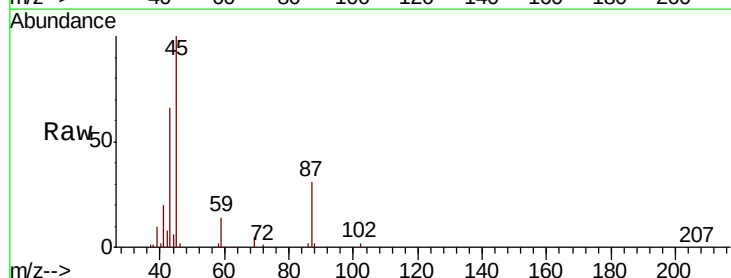
Ion Ratio Lower Upper

45 100

43 64.3 49.7 74.5

87 30.8 25.9 38.9

59 13.3 10.6 16.0

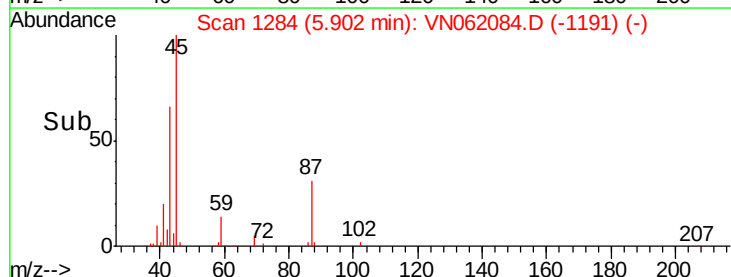
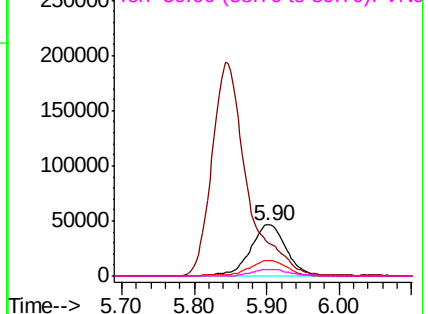


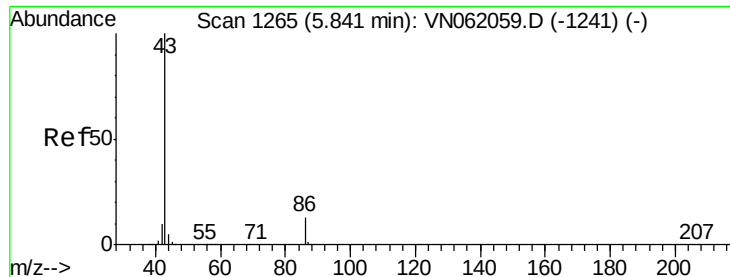
Abundance Ion 45.00 (44.70 to 45.70): VN062084.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062084.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062084.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062084.D (-1191) (-)





#23

Vinyl Acetate

Concen: 95.052 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

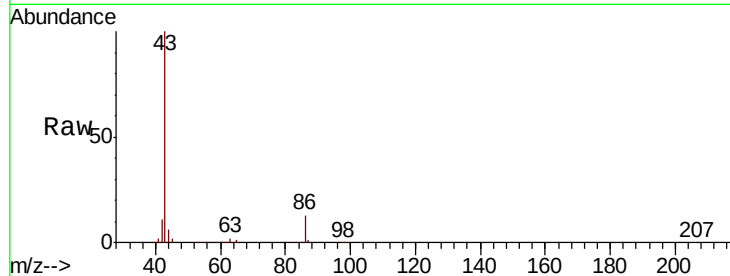
VN0624MBS01

Tot Ion: 43 Resp: 650373

Ion Ratio Lower Upper

43 100

86 13.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062059.D (-1241) (-)

5.84

200000

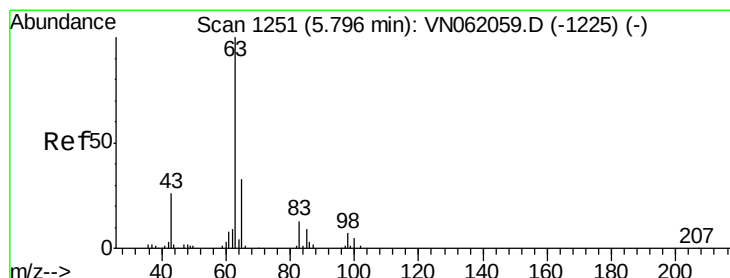
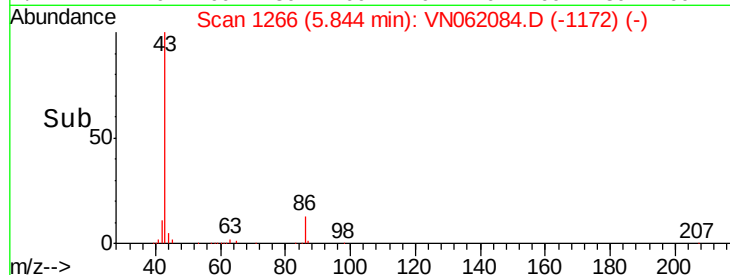
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.187 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

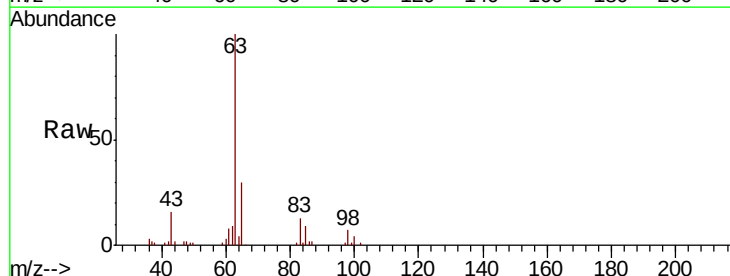
Tgt Ion: 63 Resp: 98151

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

100 3.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-1225) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1225) (-)

Ion 99.90 (99.60 to 100.60): VN062059.D (-1225) (-)

5.80

40000

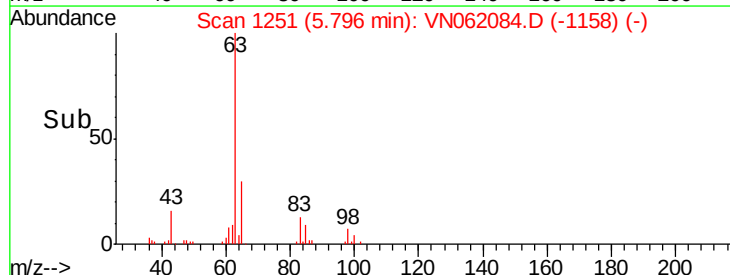
30000

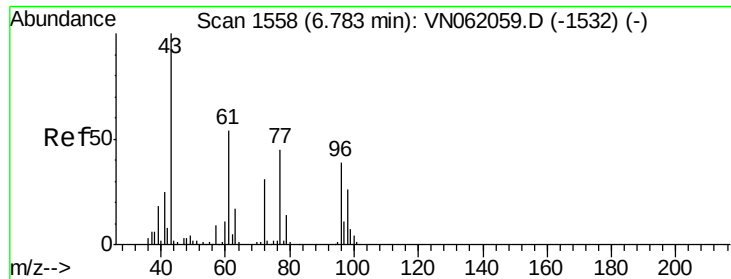
20000

10000

0

Time-->

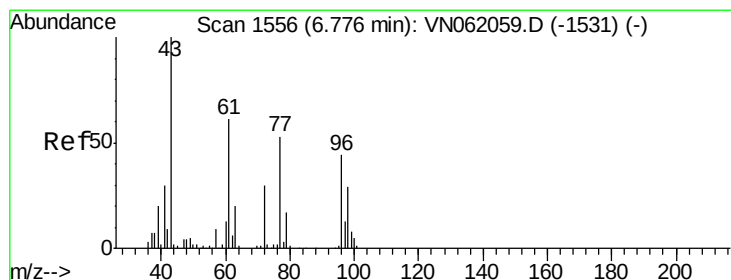
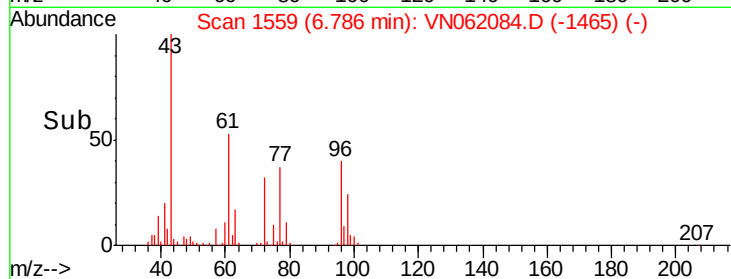
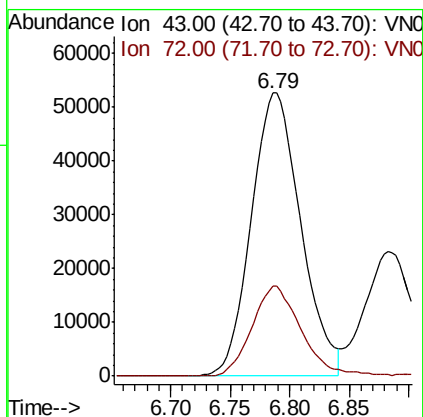
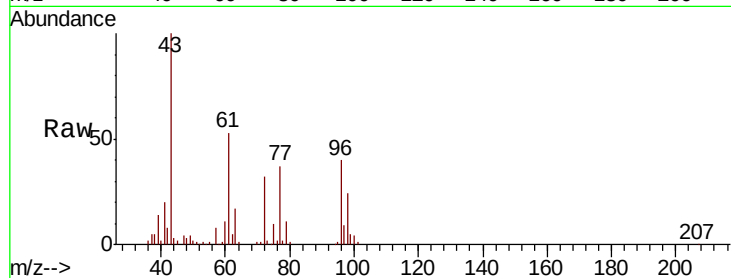




#25
2-Butanone
Concen: 94.158 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

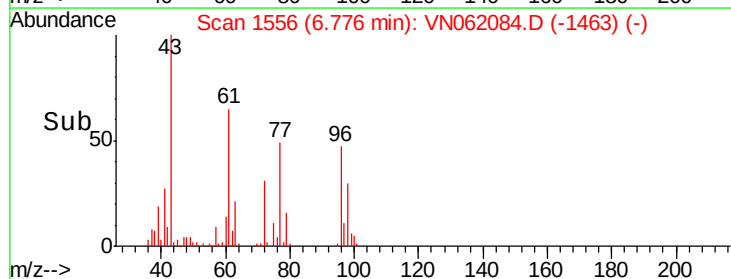
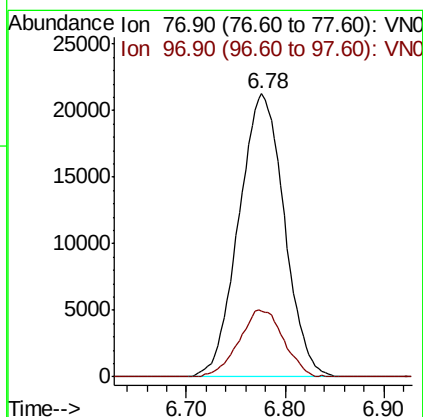
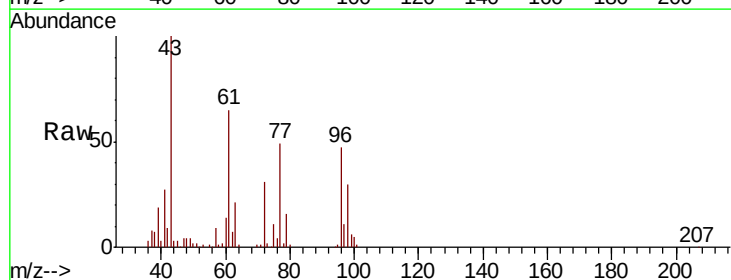
Instrument :
MSVOA_N
ClientSampled :
VN0624MBS01

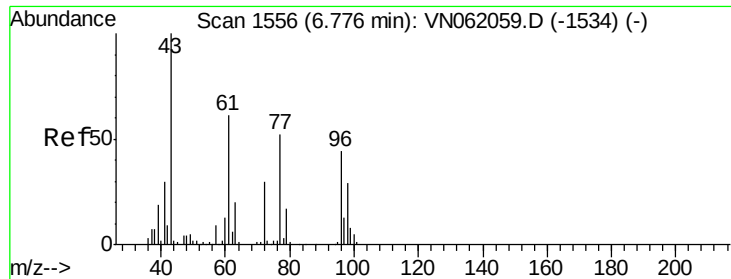
Tot Ion: 43 Resp: 152064
Ion Ratio Lower Upper
43 100
72 31.7 24.8 37.2



#26
2,2-Dichloropropane
Concen: 15.109 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 77 Resp: 67945
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 17.981 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

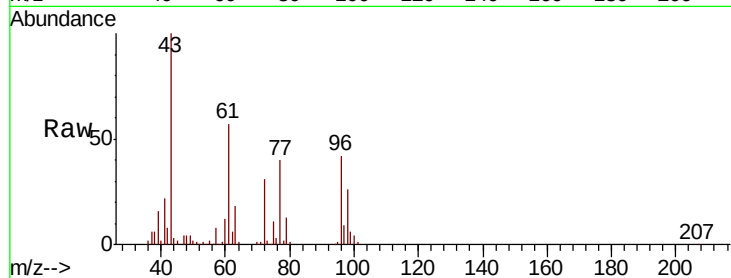
Tot Ion: 96 Resp: 62314

Ion Ratio Lower Upper

96 100

61 136.8 0.0 280.4

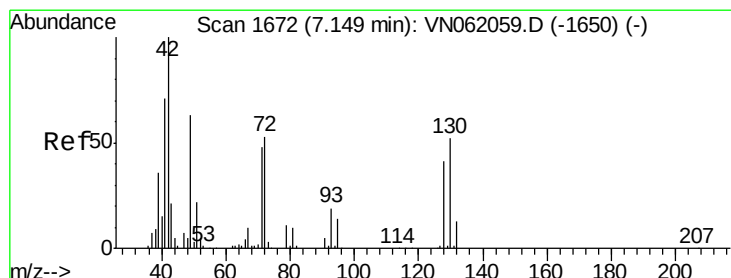
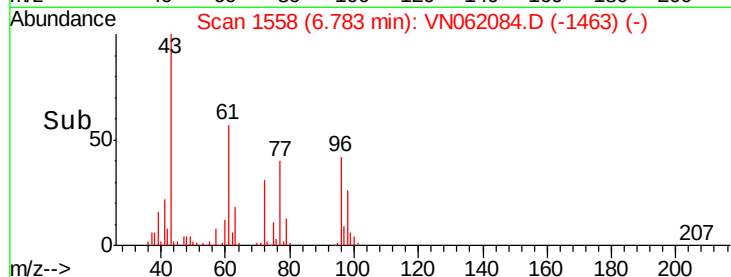
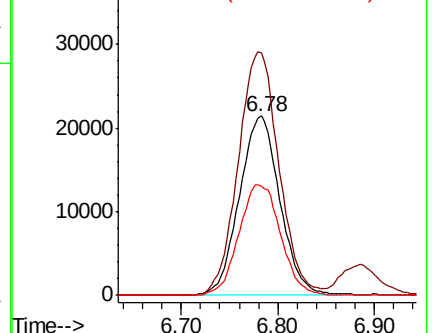
98 63.4 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#28

Bromochloromethane

Concen: 16.697 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

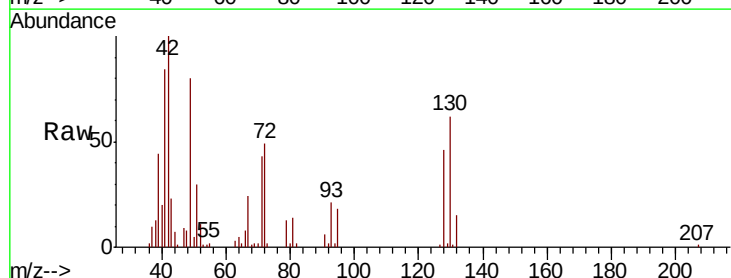
Tgt Ion: 49 Resp: 39096

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.4

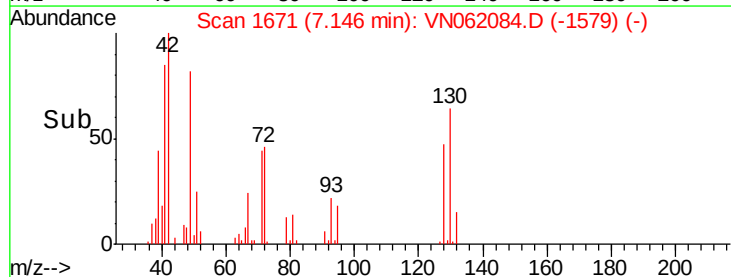
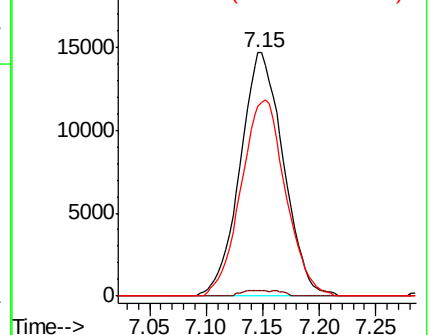
130 82.8 65.5 98.3

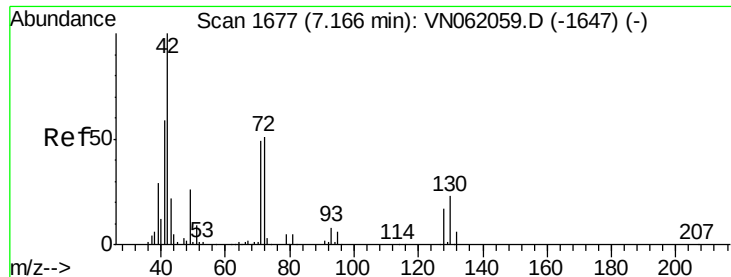


Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)

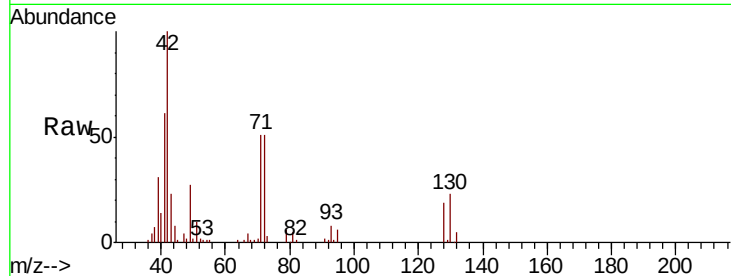




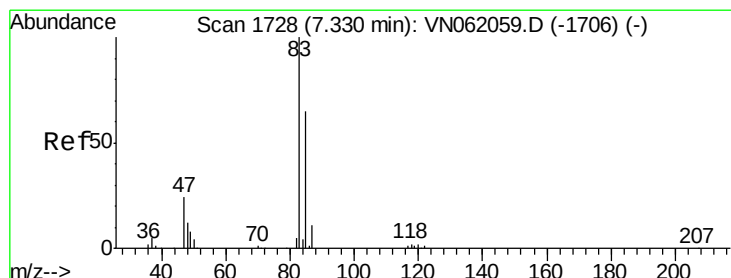
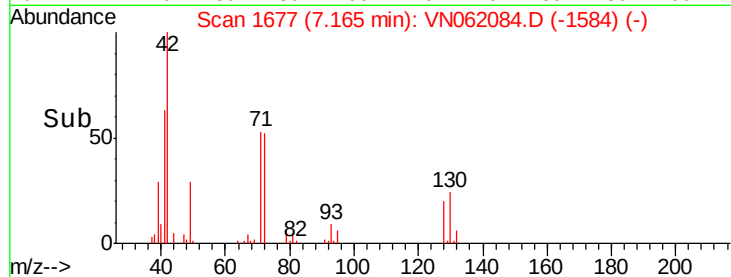
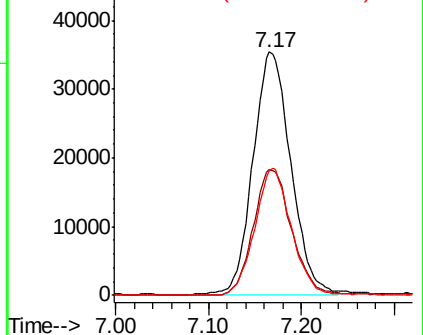
#29
Tetrahydrofuran
Concen: 95.536 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion: 42 Resp: 101066
Ion Ratio Lower Upper
42 100
72 52.4 41.1 61.7
71 50.0 38.2 57.4

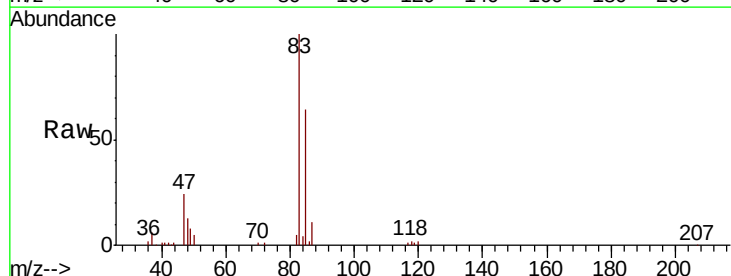


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

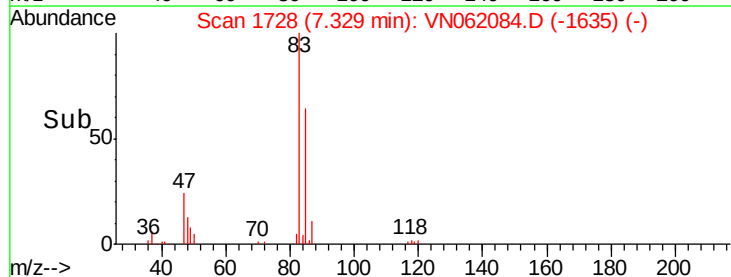
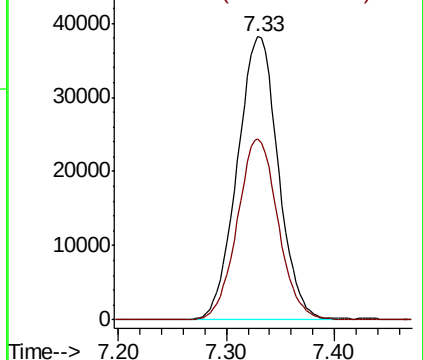


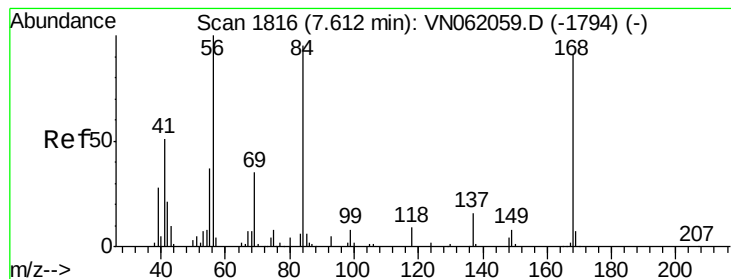
#30
Chloroform
Concen: 18.378 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 83 Resp: 100909
Ion Ratio Lower Upper
83 100
85 63.8 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.195 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

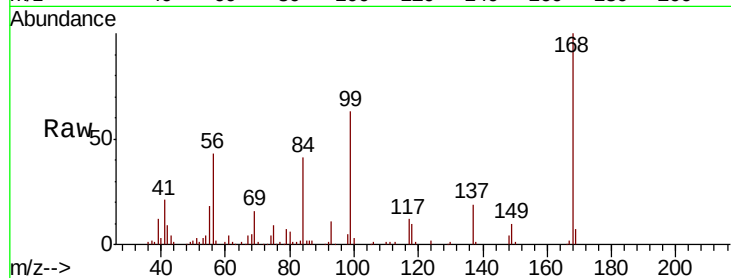
Tot Ion: 56 Resp: 78491

Ion Ratio Lower Upper

56 100

69 38.0 28.0 42.0

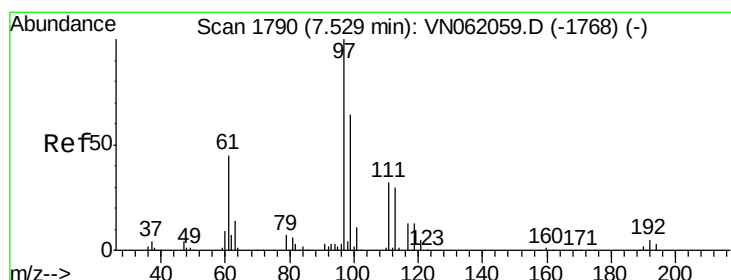
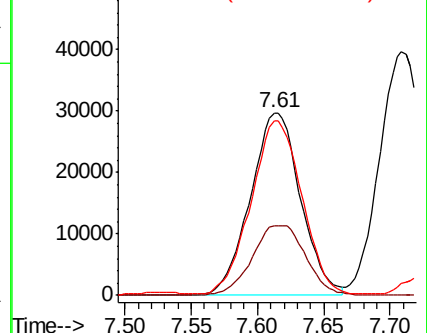
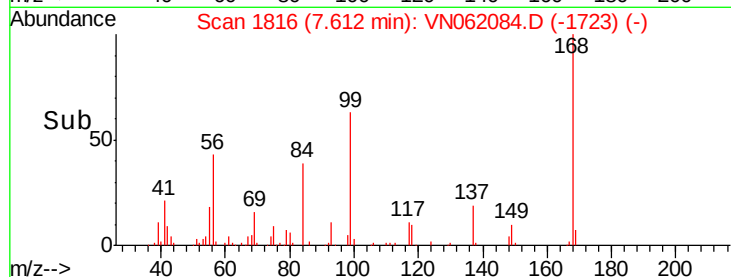
84 94.4 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062059.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 17.926 ug/l

RT: 7.53 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

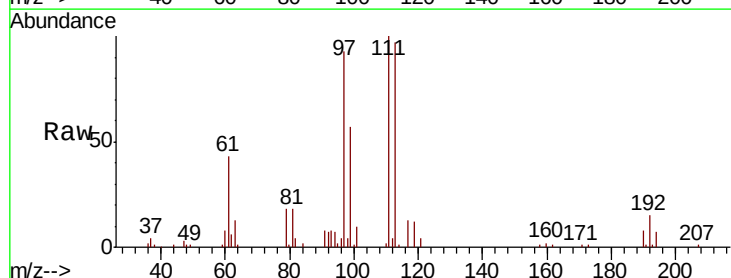
Tgt Ion: 97 Resp: 83006

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

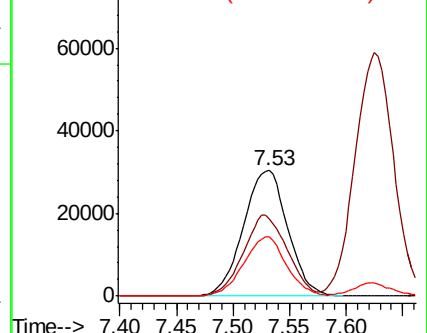
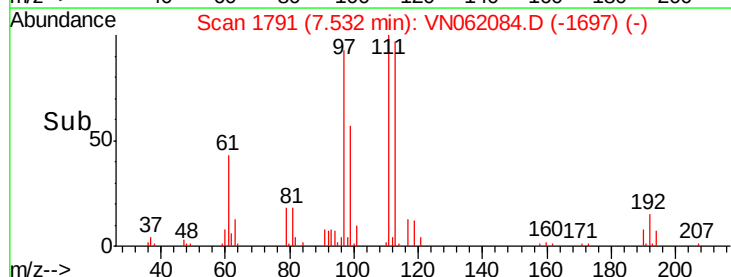
61 45.4 36.2 54.2

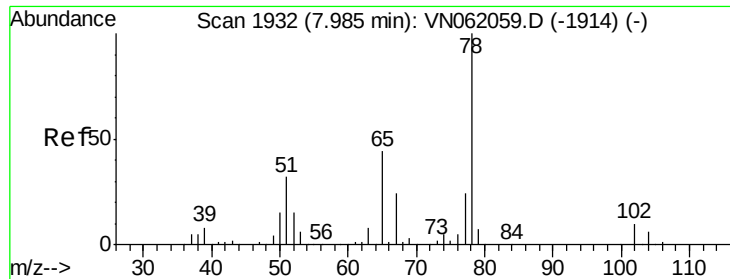


Abundance Ion 96.90 (96.60 to 97.60): VN062059.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN062059.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1768) (-)

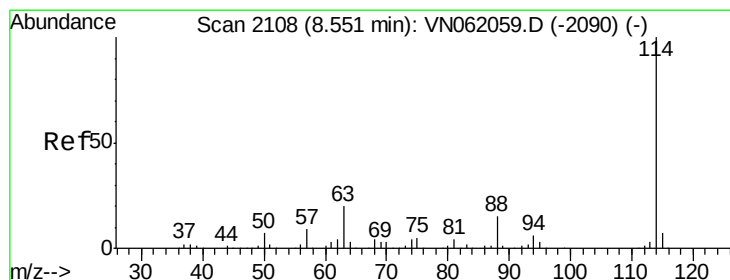
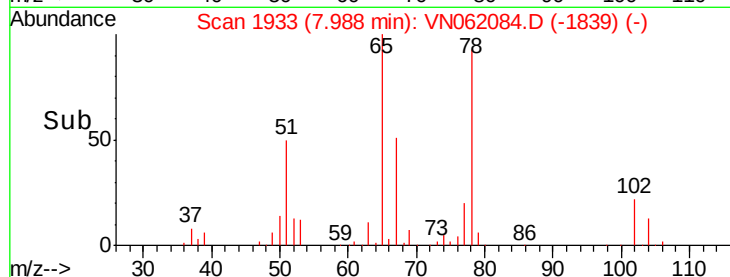
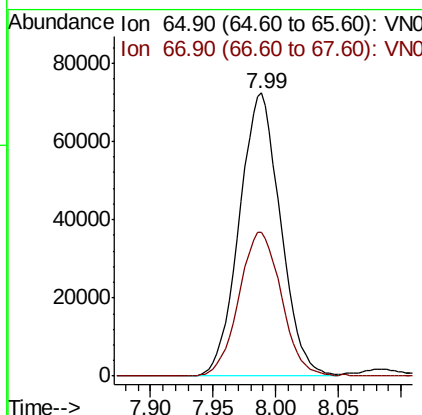
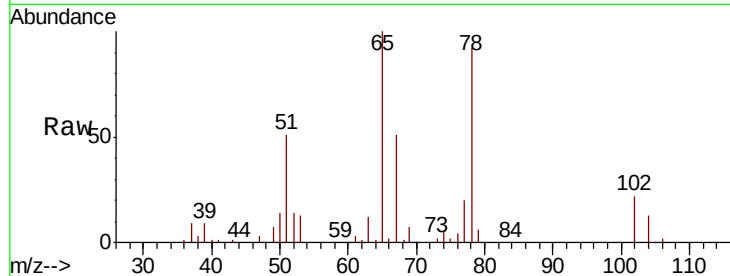




#33
 1,2-Dichloroethane-d4
 Concen: 50.071 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

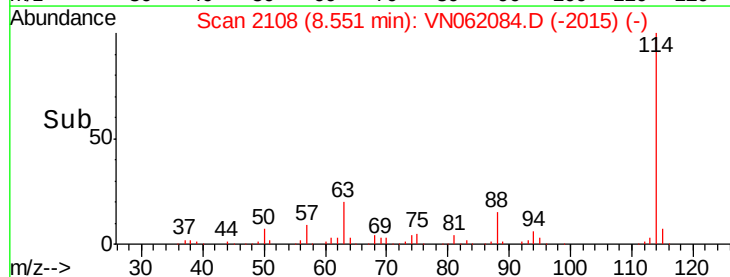
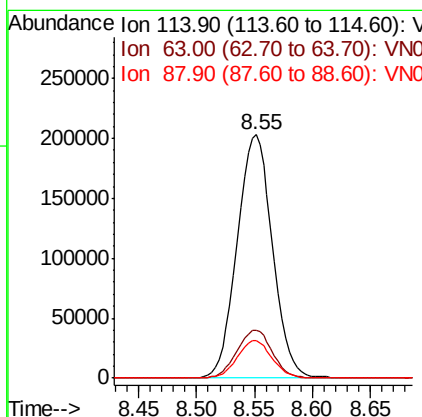
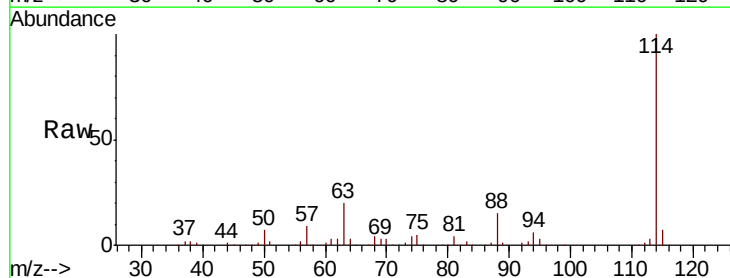
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

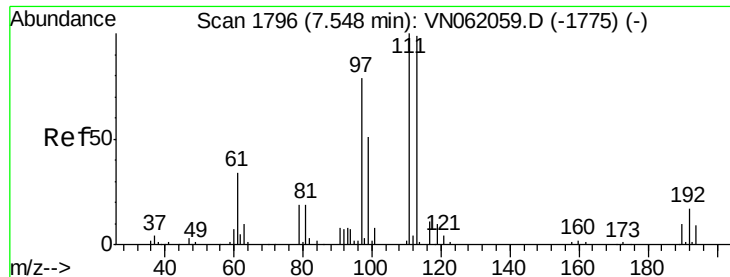
Tot Ion: 65 Resp: 165439
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 114 Resp: 429906
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.3 0.0 30.8

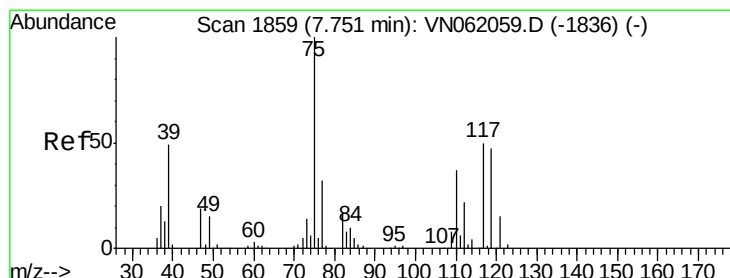
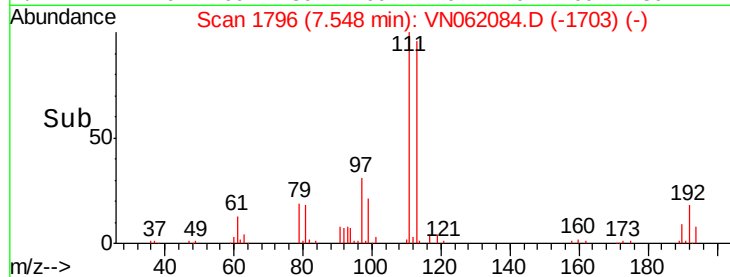
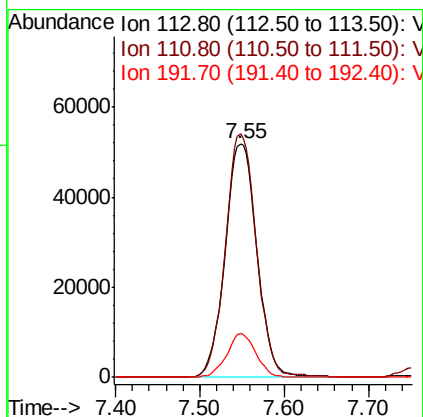
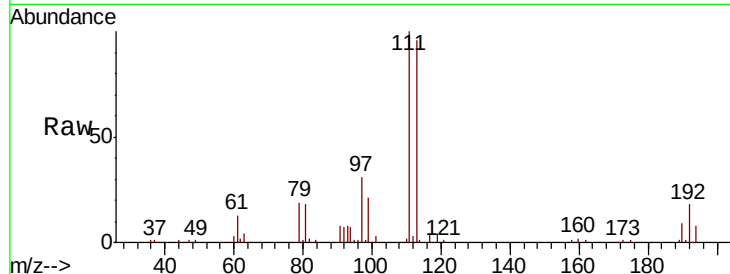




#35
 Dibromofluoromethane
 Concen: 49.376 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

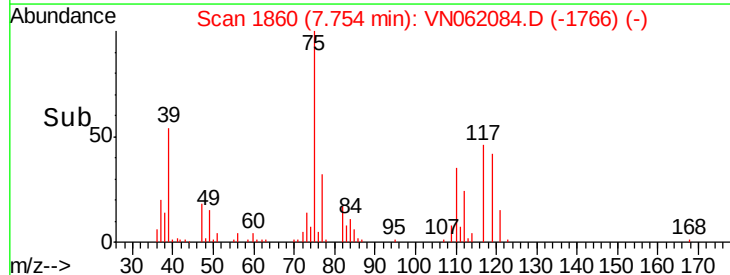
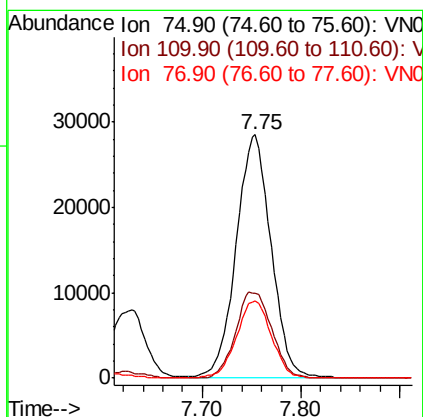
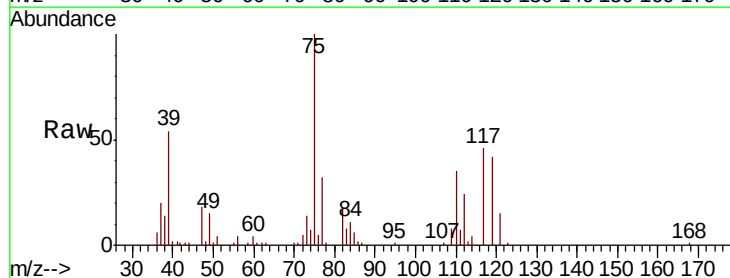
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

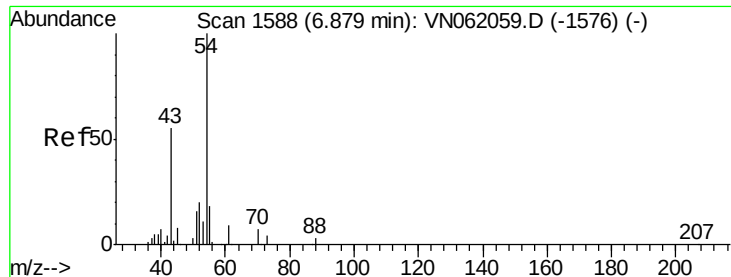
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	17.3	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 16.234 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.9	53.8
77	31.6	24.9	37.3

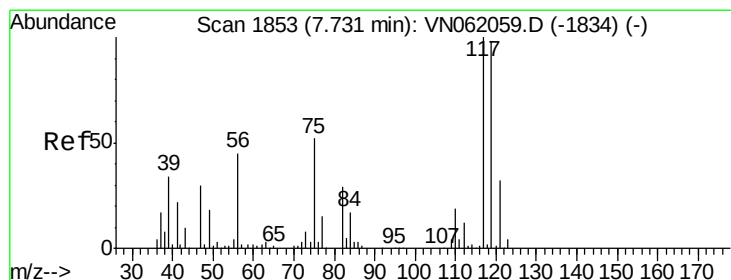
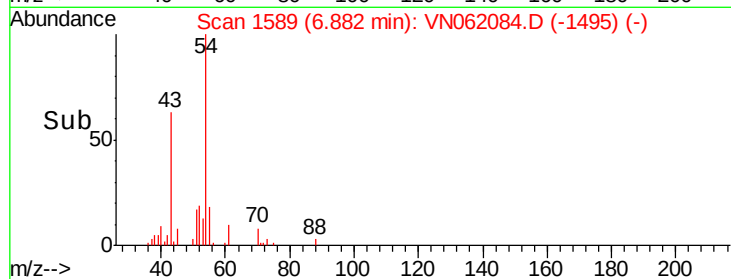
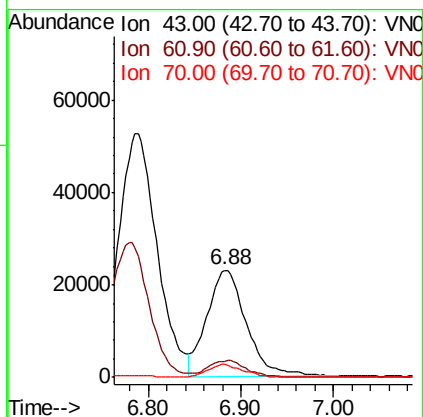
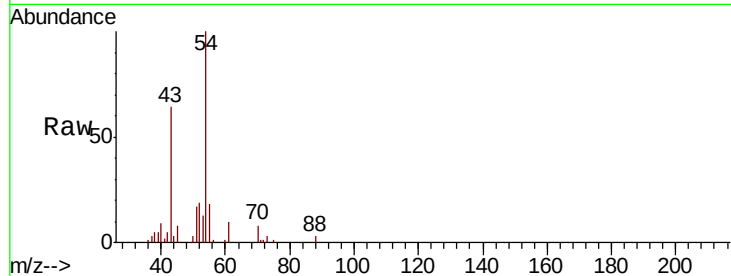




#37
Ethyl Acetate
Concen: 18.849 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

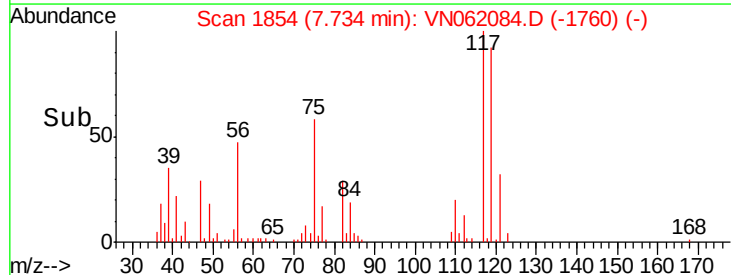
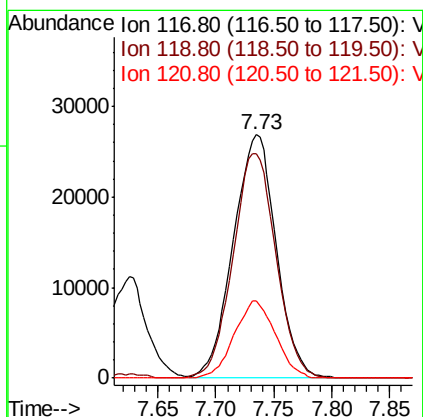
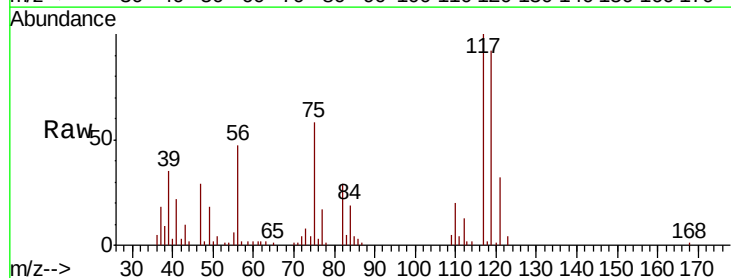
Instrument :
MSVOA_N
ClientSampled :
VN0624MBS01

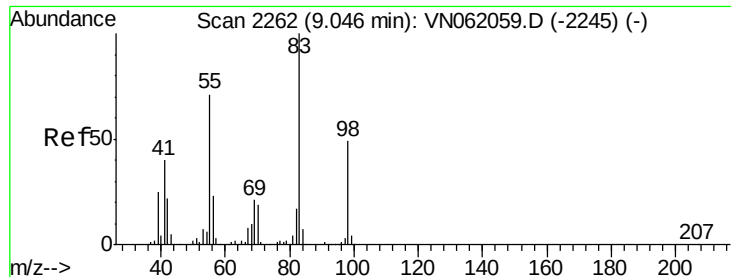
Tot Ion: 43 Resp: 67447
Ion Ratio Lower Upper
43 100
61 15.7 12.0 18.0
70 11.0 9.6 14.4



#38
Carbon Tetrachloride
Concen: 16.991 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 117 Resp: 69219
Ion Ratio Lower Upper
117 100
119 92.1 78.2 117.2
121 31.7 25.8 38.6

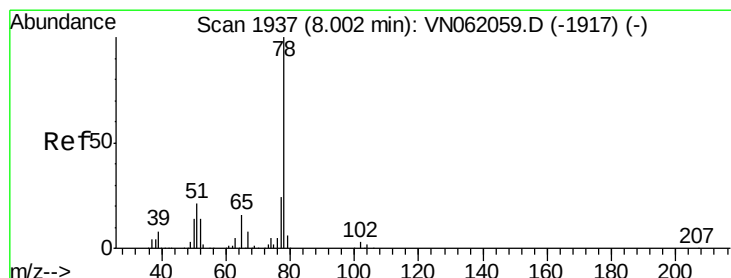
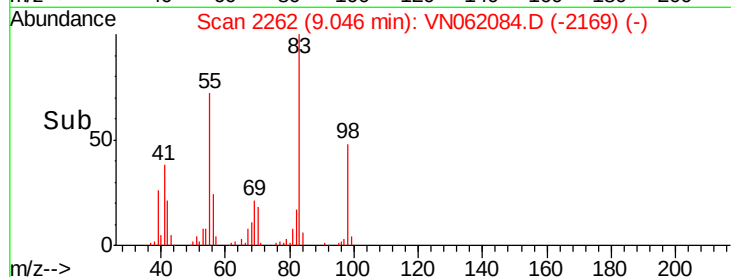
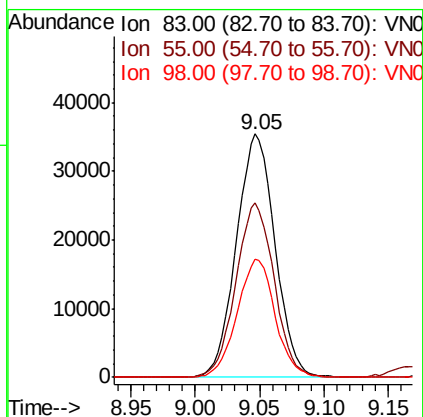
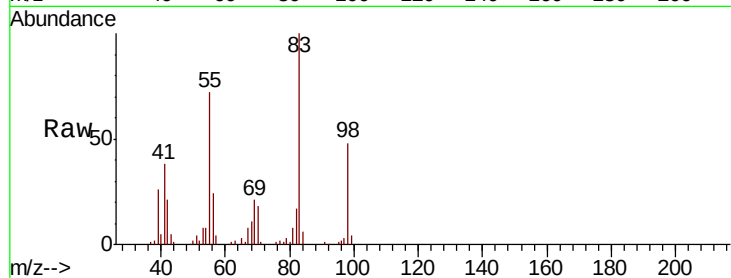




#39
Methylvlcyclohexane
Concen: 15.613 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

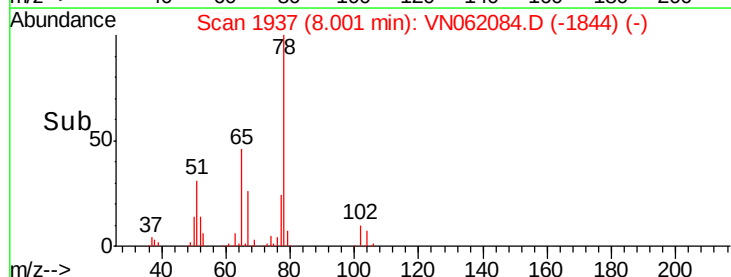
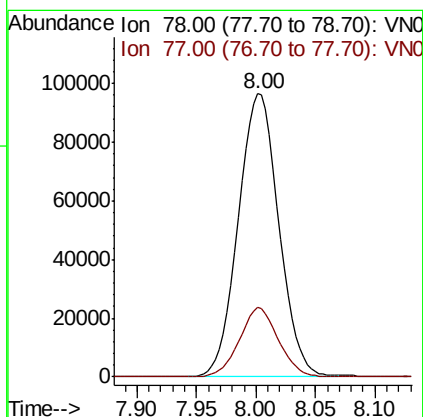
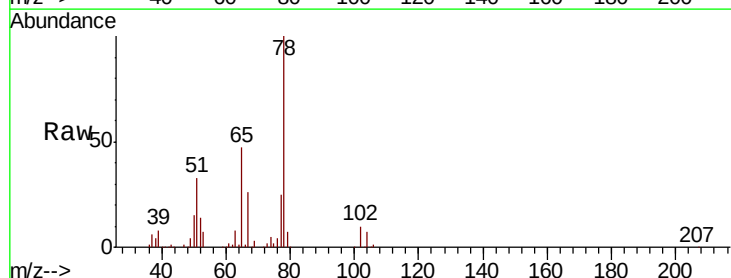
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

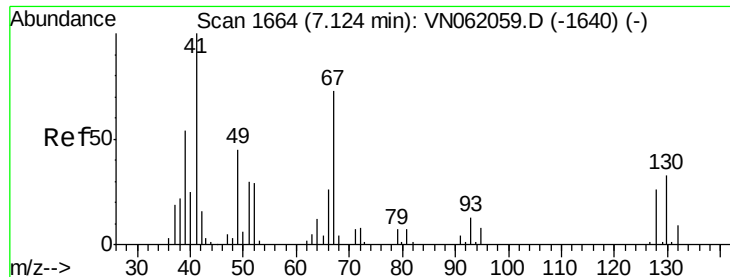
Tot Ion: 83 Resp: 73921
Ion Ratio Lower Upper
83 100
55 71.5 57.0 85.6
98 48.3 39.0 58.6



#40
Benzene
Concen: 17.309 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 78 Resp: 227971
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3

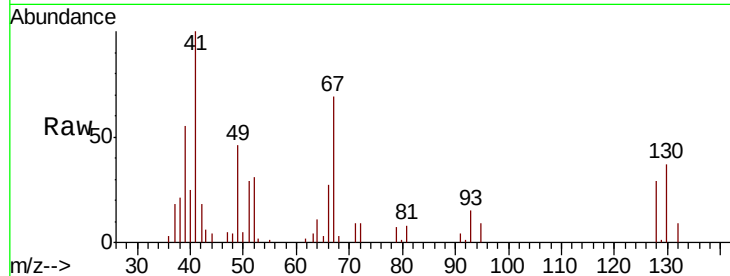




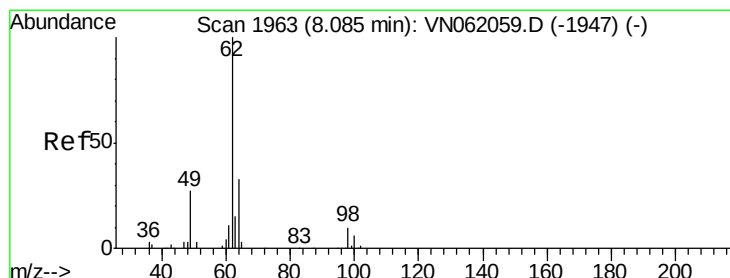
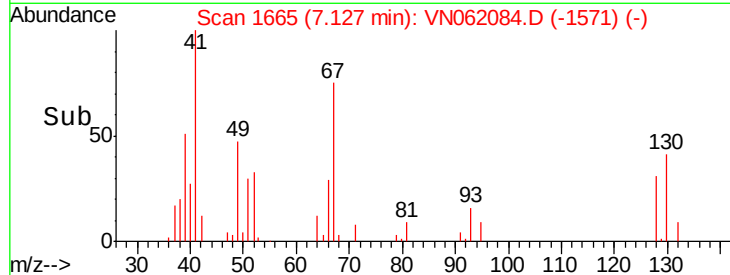
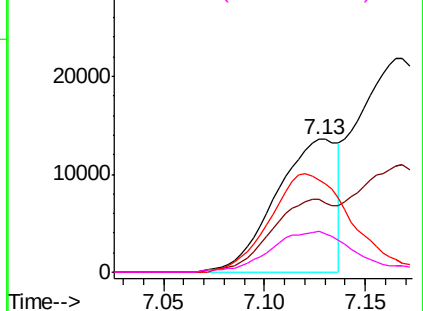
#41
Methacrylonitrile
Concen: 17.329 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

Tot Ion: 41 Resp: 28746
Ion Ratio Lower Upper
41 100
39 52.4 44.2 66.2
67 98.5 79.5 119.3
52 42.7 32.3 48.5

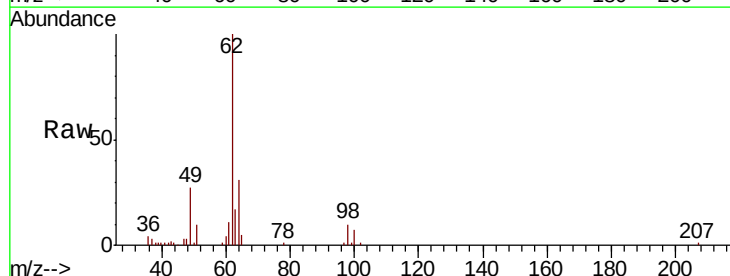


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

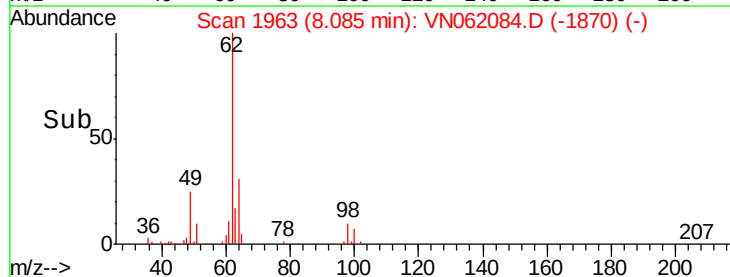
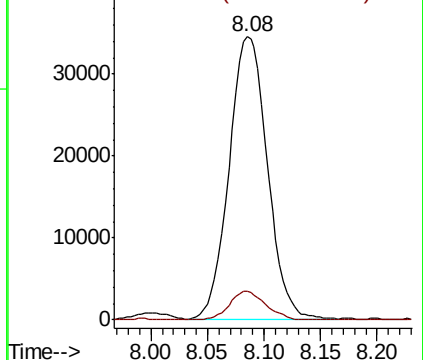


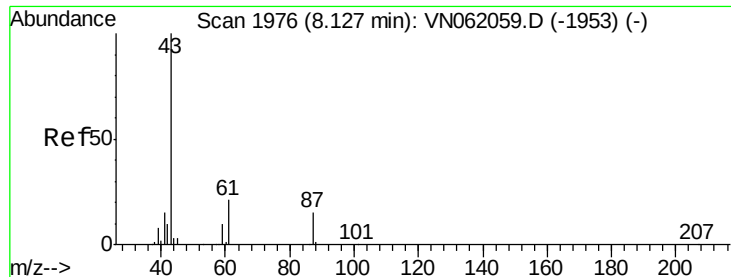
#42
1,2-Dichloroethane
Concen: 18.418 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 62 Resp: 81957
Ion Ratio Lower Upper
62 100
98 9.5 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: 18.156 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

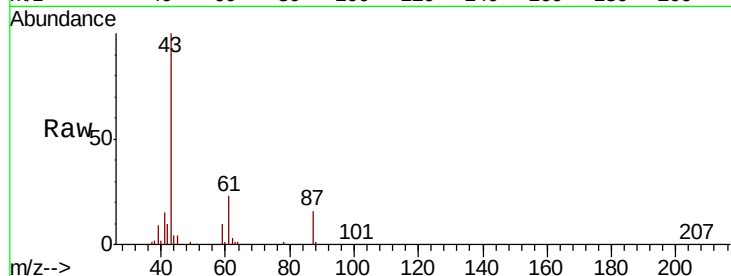
Tot Ion: 43 Resp: 105906

Ion Ratio Lower Upper

43 100

61 30.6 17.2 25.8#

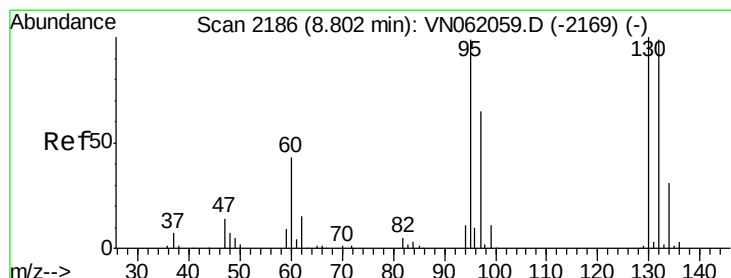
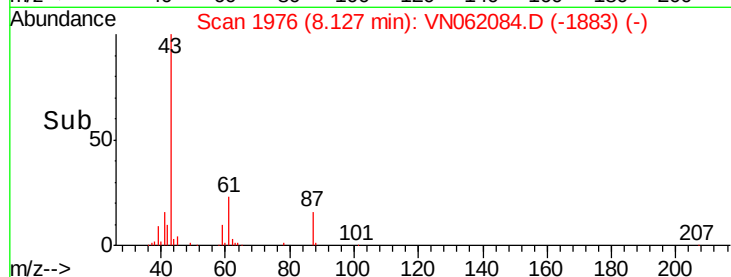
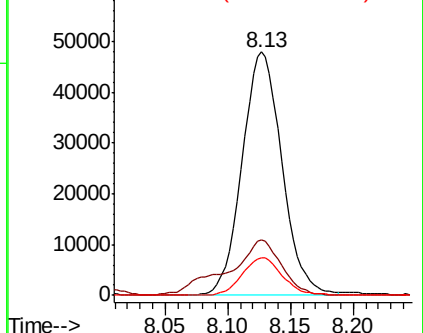
87 15.5 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 16.790 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062084.D

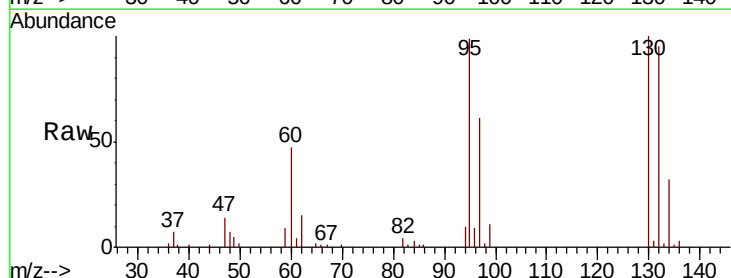
Acq: 25 Jun 2020 00:14

Tgt Ion:130 Resp: 55784

Ion Ratio Lower Upper

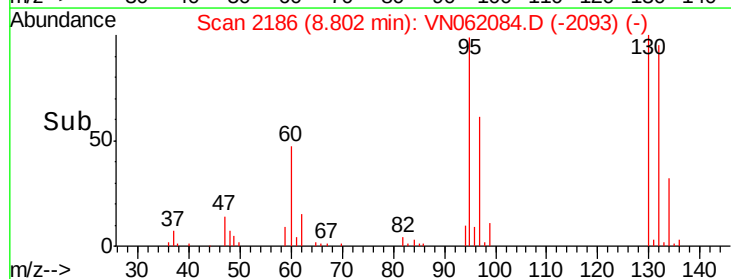
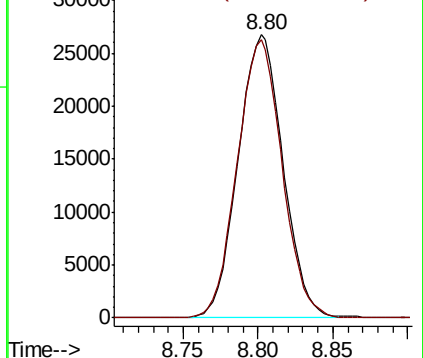
130 100

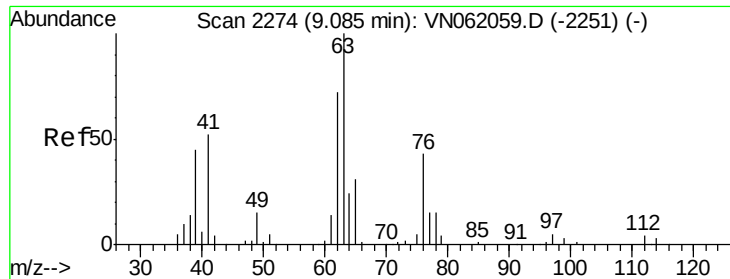
95 98.5 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)

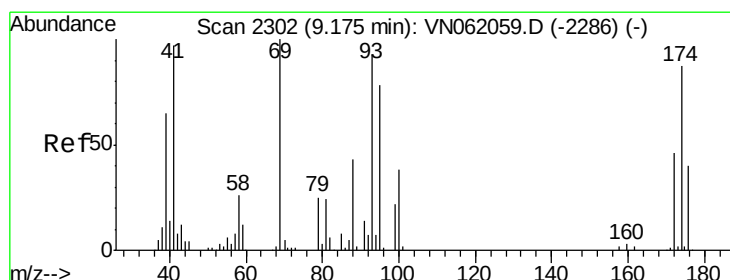
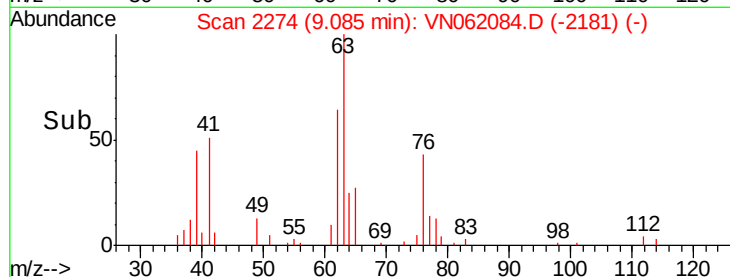
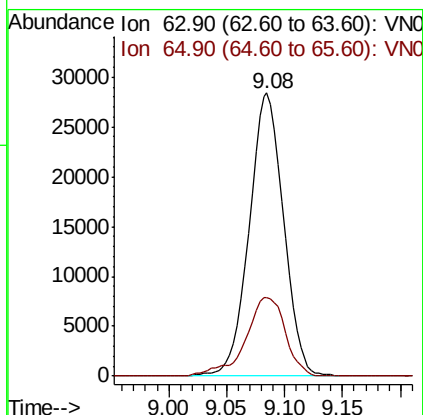
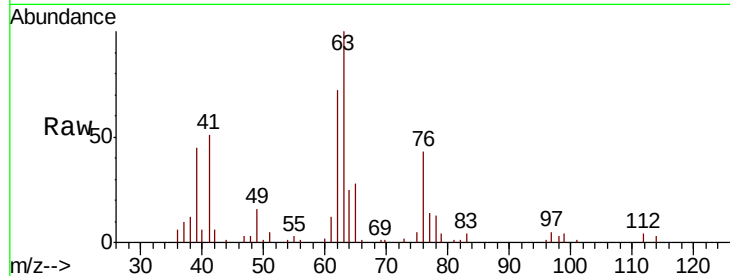




#45
 1,2-Dichloropropane
 Concen: 18.060 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

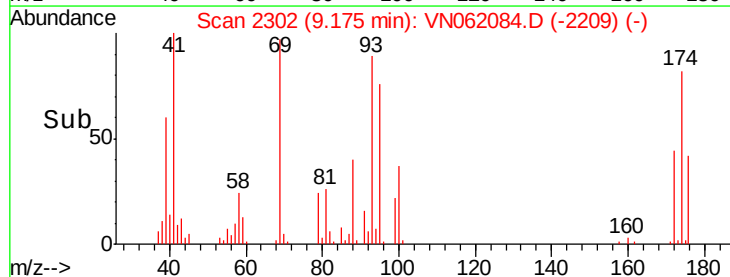
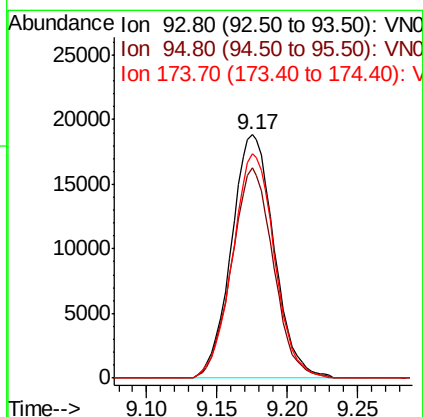
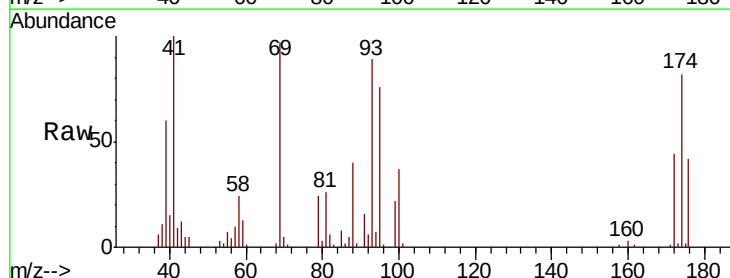
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

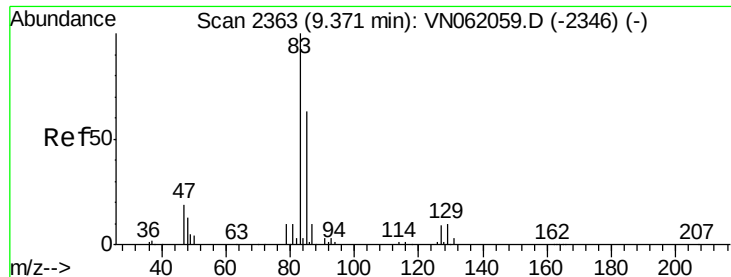
Tot Ion: 63 Resp: 58683
 Ion Ratio Lower Upper
 63 100
 65 27.8 25.0 37.4



#46
 Dibromomethane
 Concen: 18.072 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 93 Resp: 39813
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.0 100.6
 174 90.6 74.4 111.6





#47

Bromodichloromethane

Concen: 17.918 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampled :

VN0624MBS01

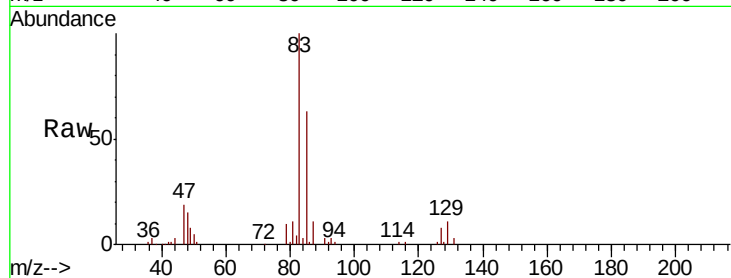
Tot Ion: 83 Resp: 79703

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5

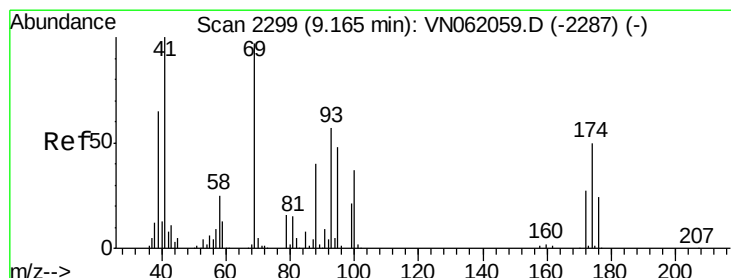
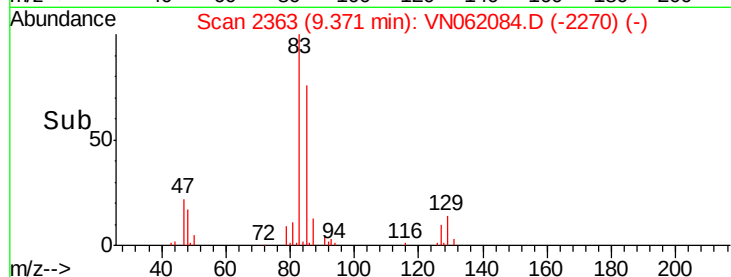
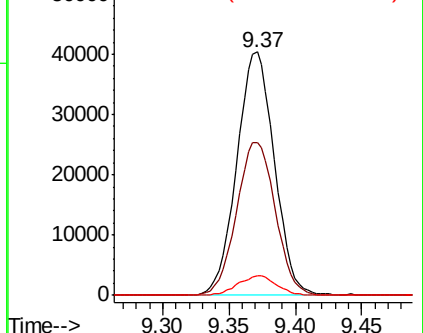
127 8.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-2346) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN062059.D (-2346) (-)



#48

Methyl methacrylate

Concen: 18.102 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

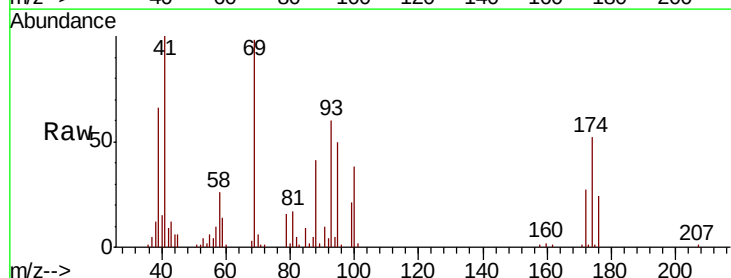
Tgt Ion: 41 Resp: 47344

Ion Ratio Lower Upper

41 100

69 100.4 80.7 121.1

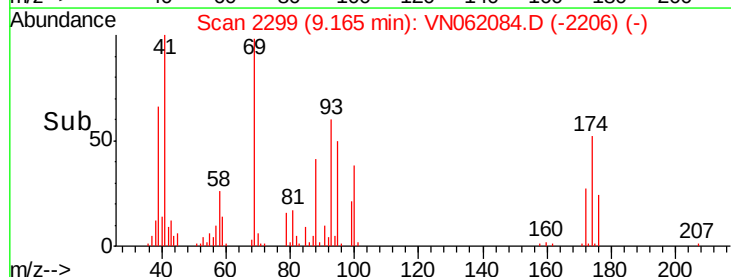
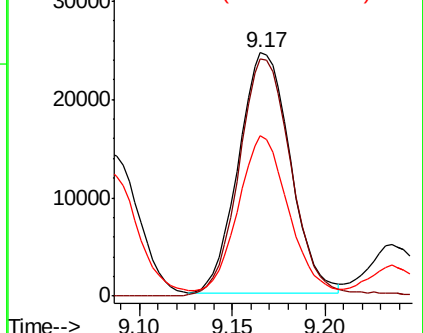
39 64.8 54.5 81.7

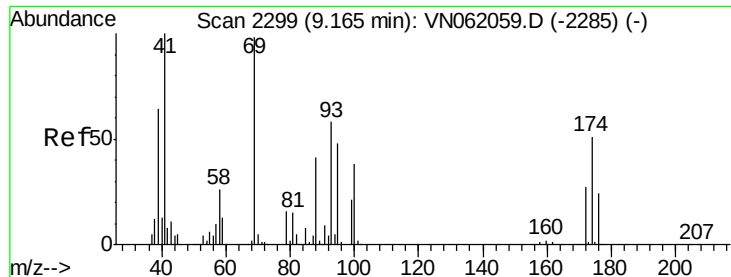


Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-2287) (-)

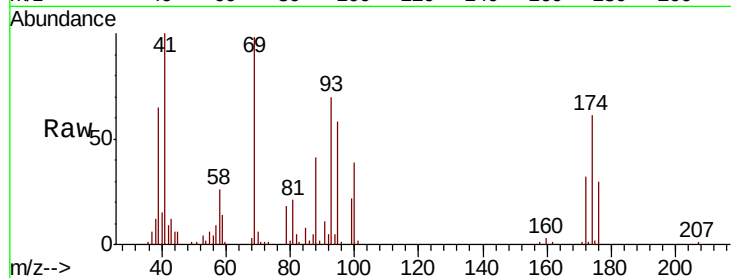




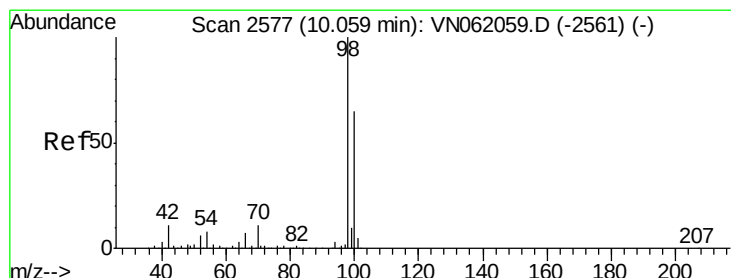
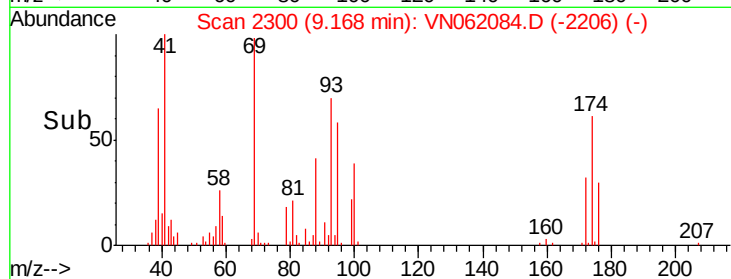
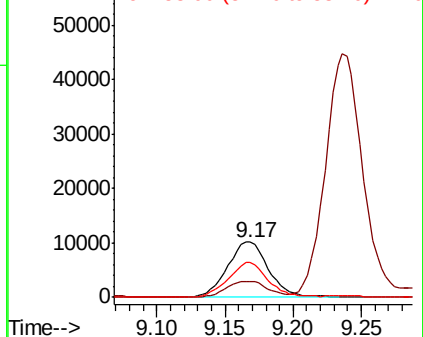
#49
1,4-Dioxane
Concen: 363.662 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Instrument :
MSVOA_N
ClientSampled :
VN0624MBS01

Tot Ion: 88 Resp: 21092
Ion Ratio Lower Upper
88 100
43 29.6 22.0 33.0
58 61.1 49.2 73.8

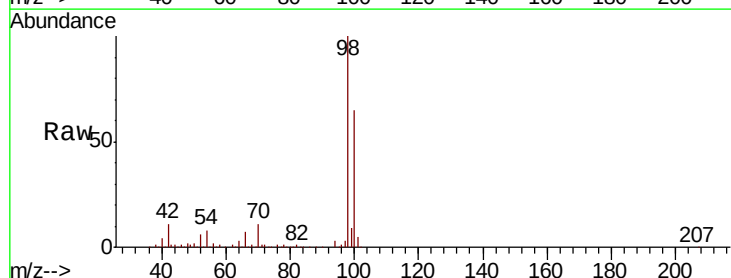


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

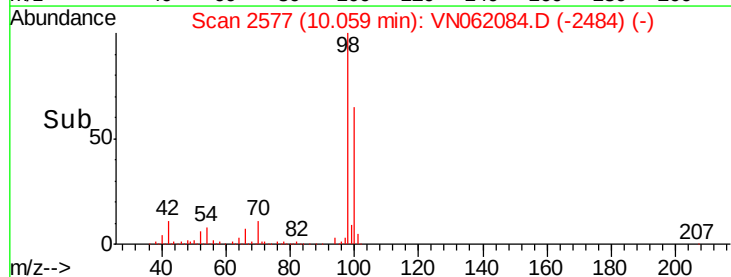
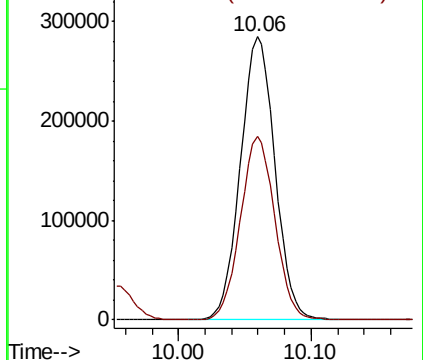


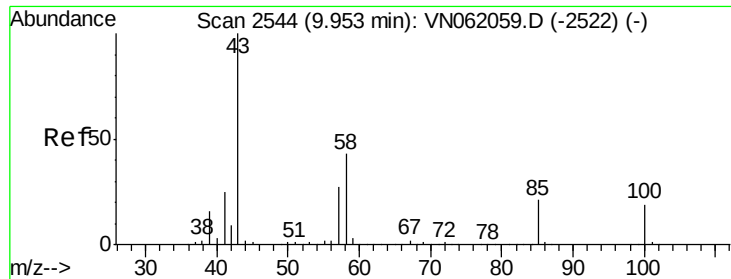
#50
Toluene-d8
Concen: 46.665 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 98 Resp: 514471
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



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

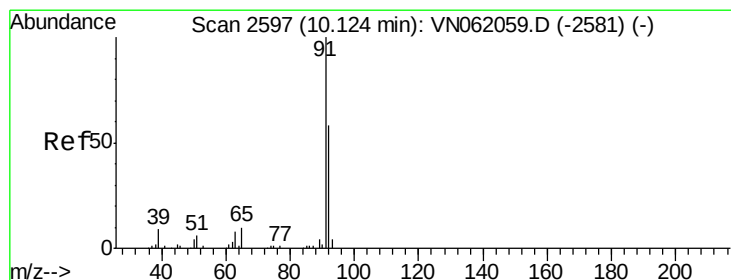
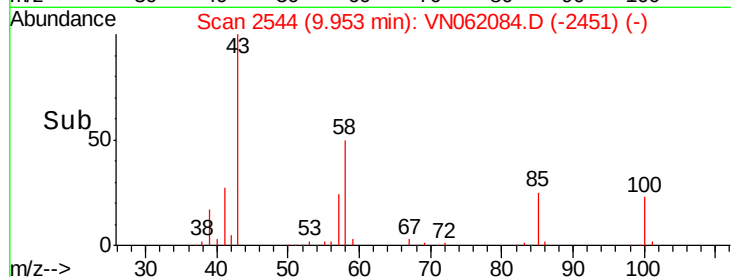
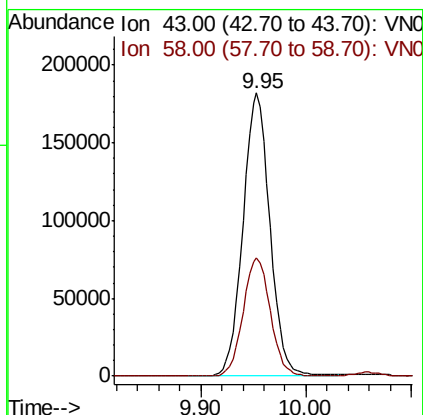
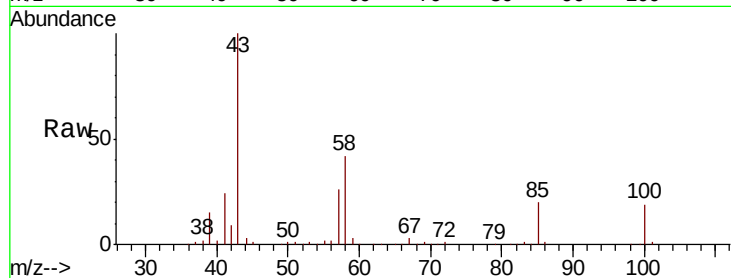




#51
 4-Methyl-2-Pentanone
 Concen: 94.724 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

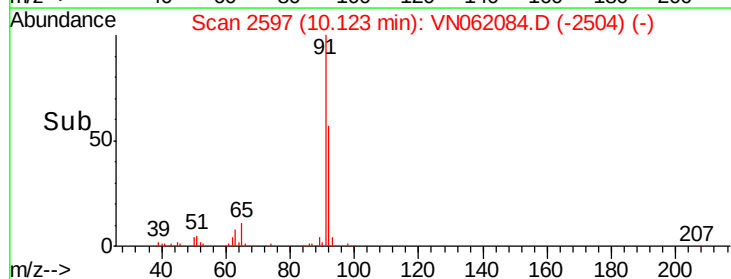
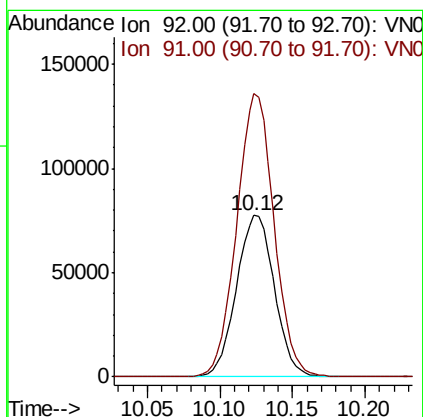
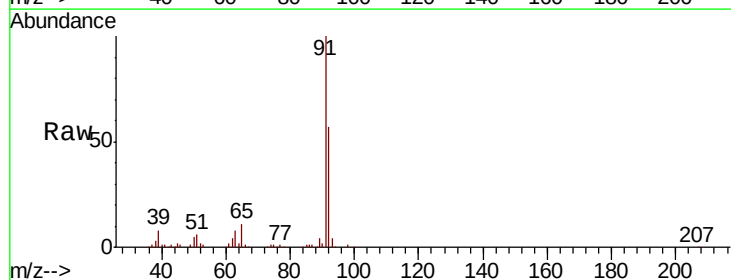
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

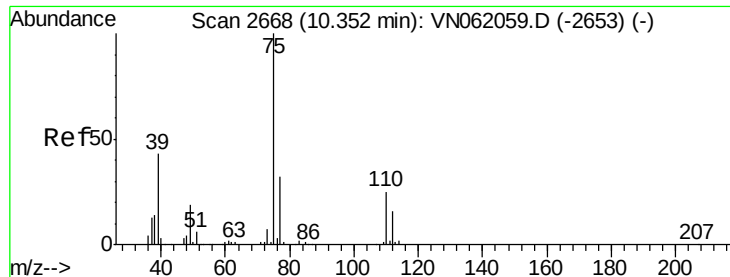
Tot Ion: 43 Resp: 322818
 Ion Ratio Lower Upper
 43 100
 58 42.2 34.2 51.2



#52
 Toluene
 Concen: 17.567 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 92 Resp: 141176
 Ion Ratio Lower Upper
 92 100
 91 172.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 16.682 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampled :

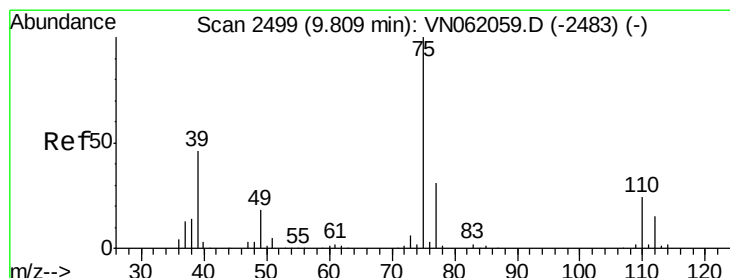
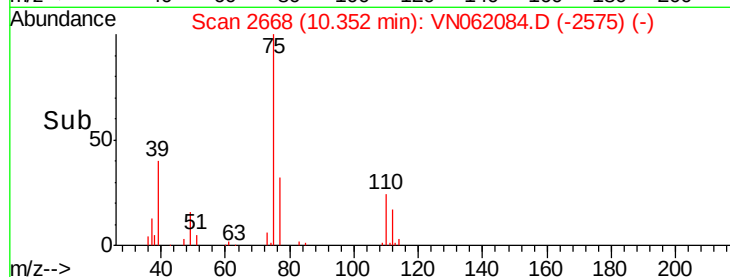
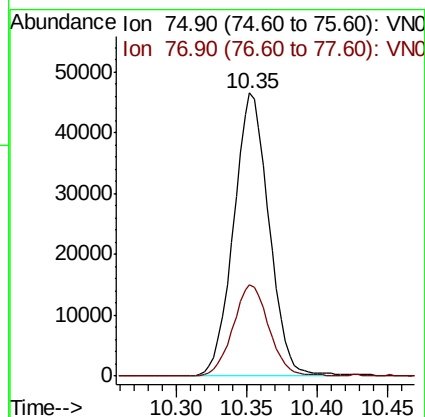
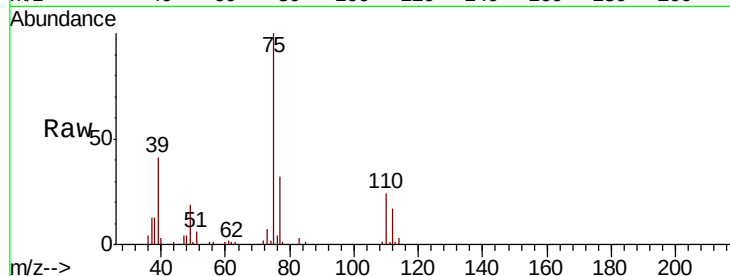
VN0624MBS01

Tot Ion: 75 Resp: 81642

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 17.335 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

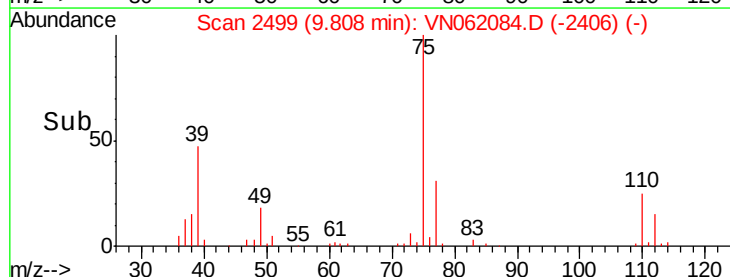
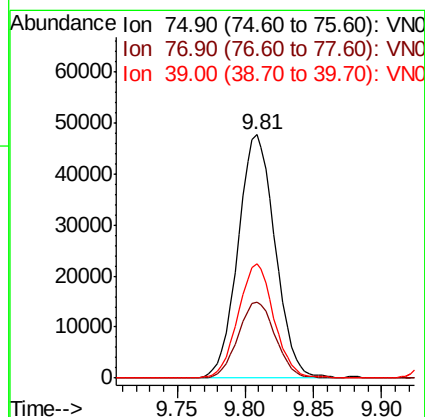
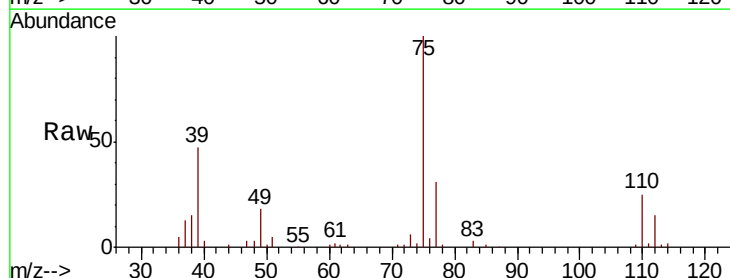
Tgt Ion: 75 Resp: 90320

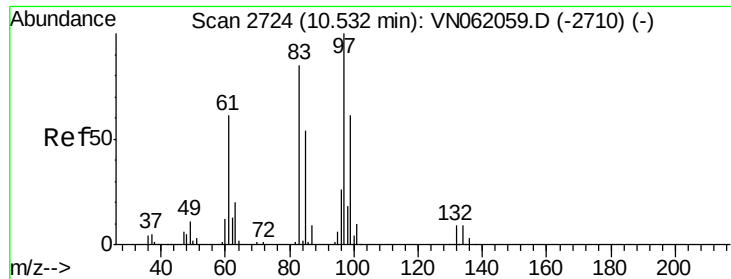
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 47.2 36.9 55.3

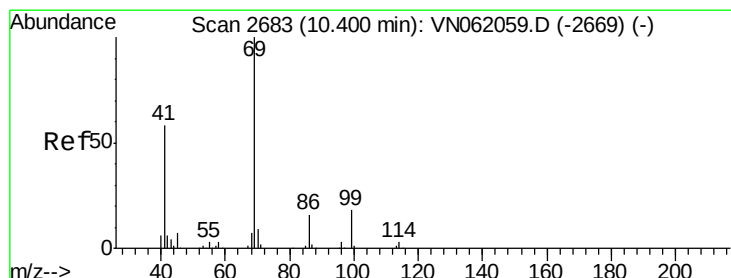
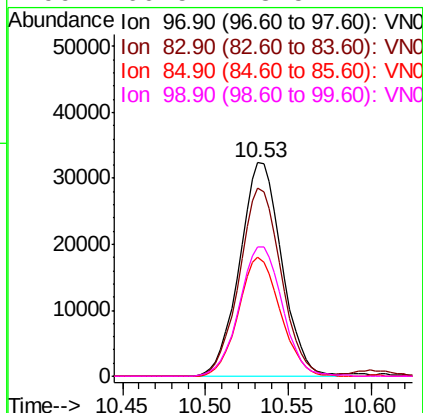
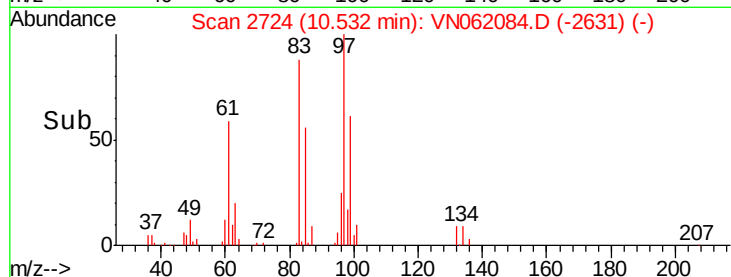
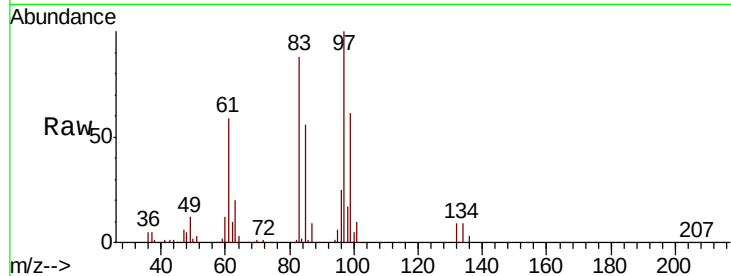




#55
 1,1,2-Trichloroethane
 Concen: 18.110 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

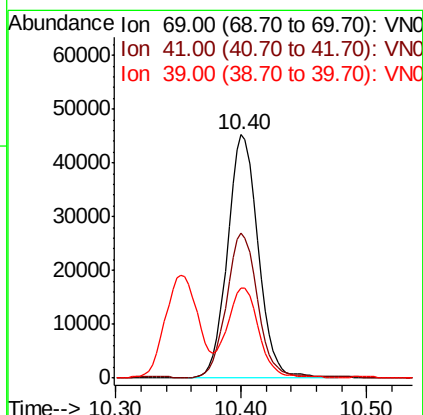
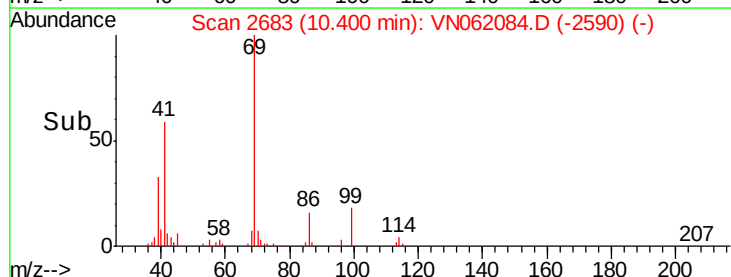
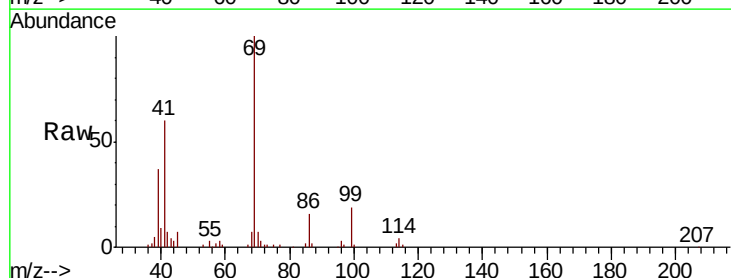
Instrument :
 MSVOA_N
 ClientSampled :
 VN0624MBS01

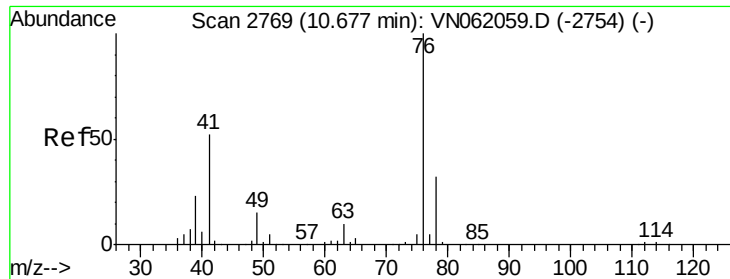
Tot Ion: 97 Resp: 57209
 Ion Ratio Lower Upper
 97 100
 83 87.8 68.2 102.2
 85 55.8 43.2 64.8
 99 60.5 48.5 72.7



#56
 Ethyl methacrylate
 Concen: 18.242 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 69 Resp: 76904
 Ion Ratio Lower Upper
 69 100
 41 61.3 46.6 70.0
 39 38.3 31.0 46.4

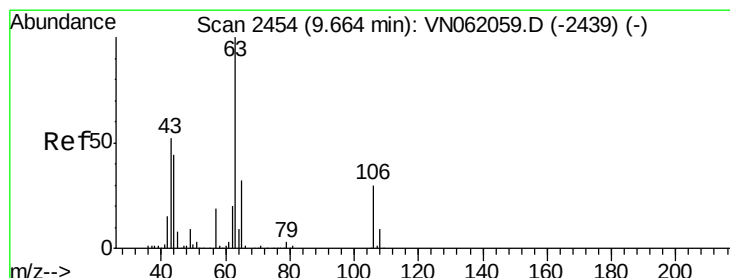
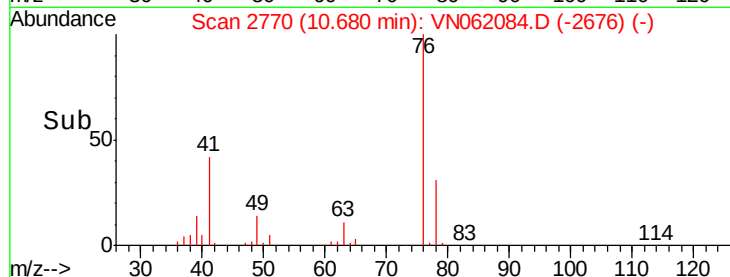
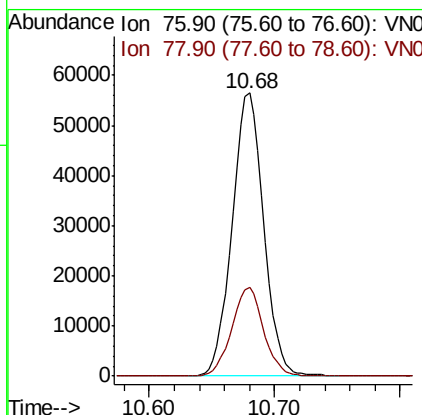
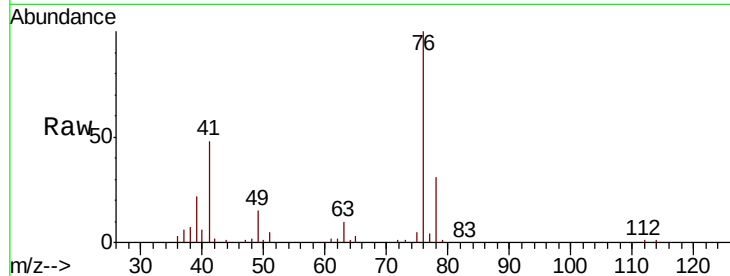




#57
 1,3-Dichloropropane
 Concen: 18.128 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

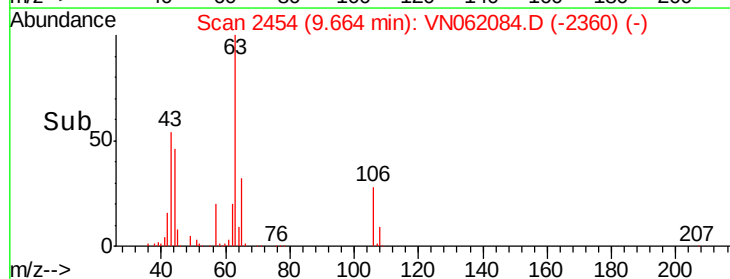
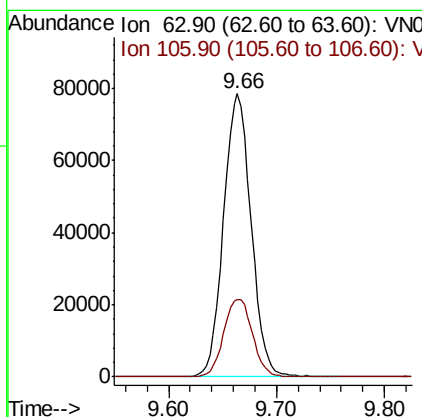
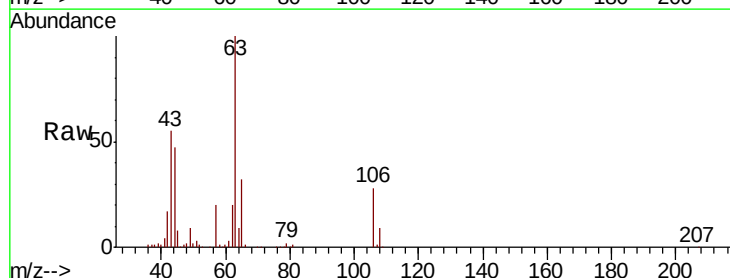
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

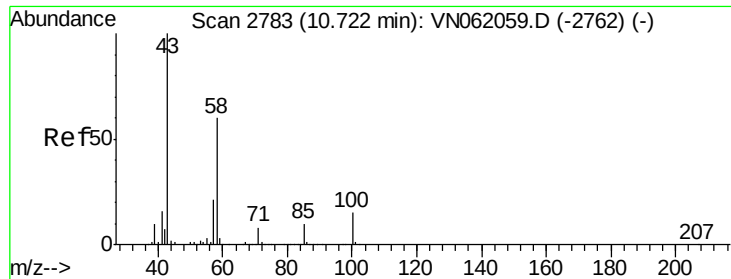
Tot Ion: 76 Resp: 98569
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.865 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 63 Resp: 139591
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8

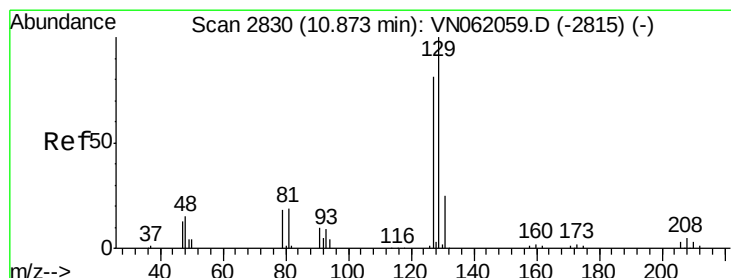
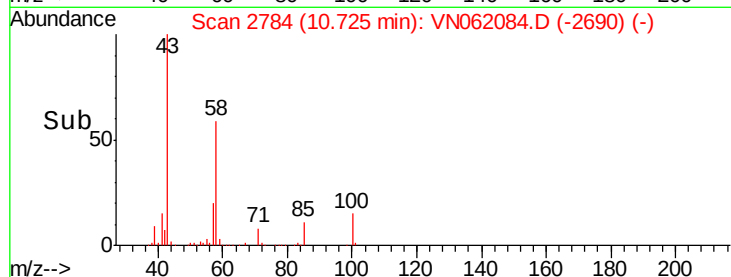
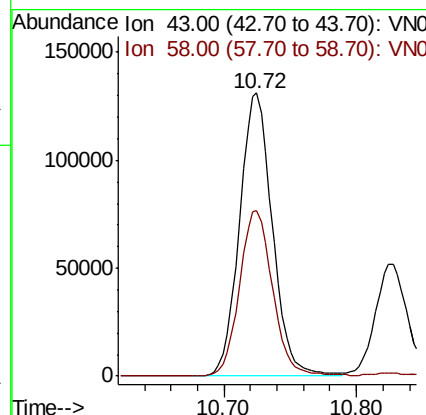
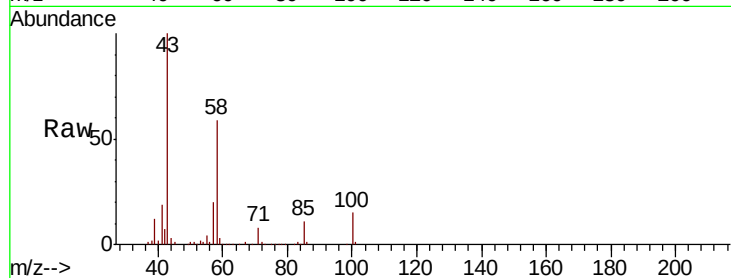




#59
2-Hexanone
Concen: 91.749 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

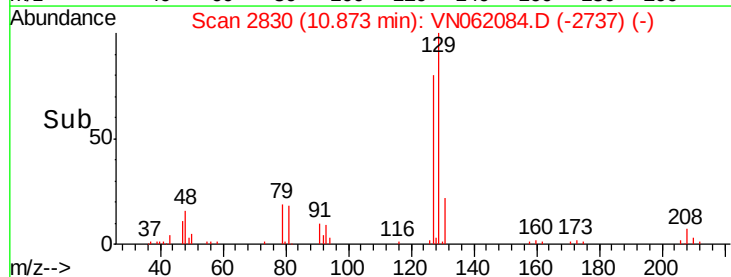
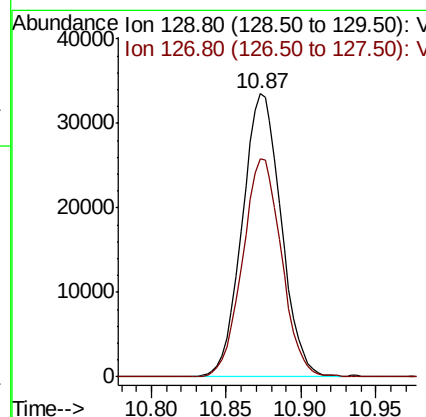
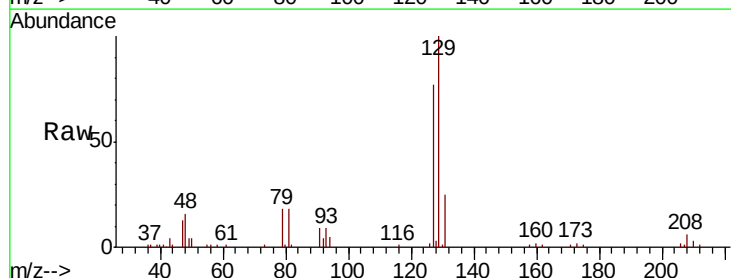
Instrument :
MSVOA_N
ClientSampled :
VN0624MBS01

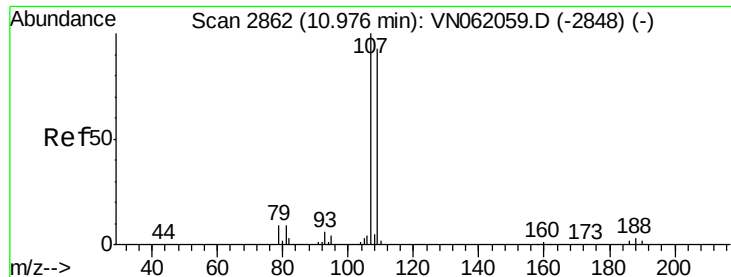
Tot Ion: 43 Resp: 225785
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5



#60
Dibromochloromethane
Concen: 18.139 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 129 Resp: 60665
Ion Ratio Lower Upper
129 100
127 77.1 39.5 118.5

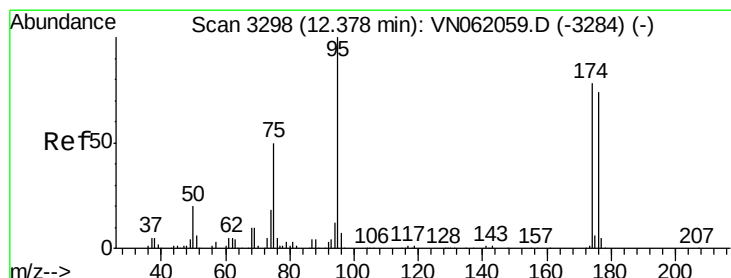
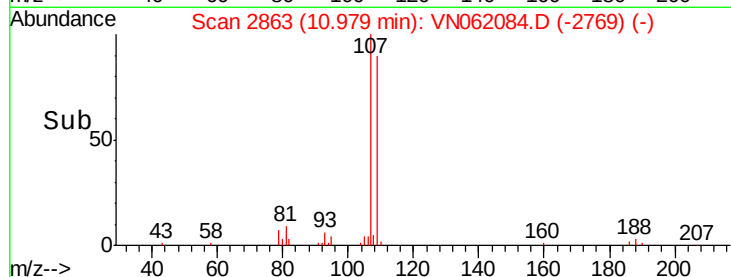
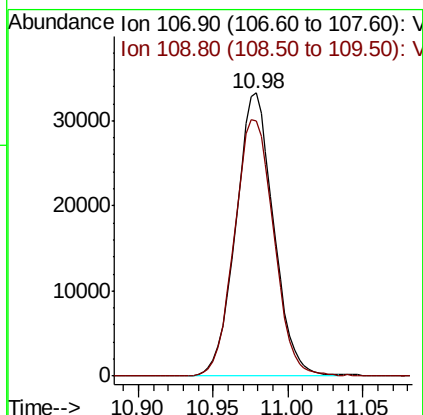
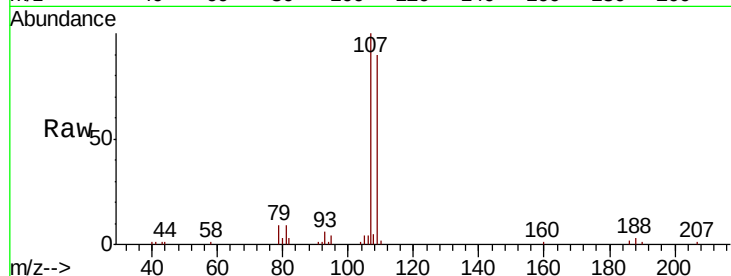




#61
 1,2-Dibromoethane
 Concen: 17.982 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

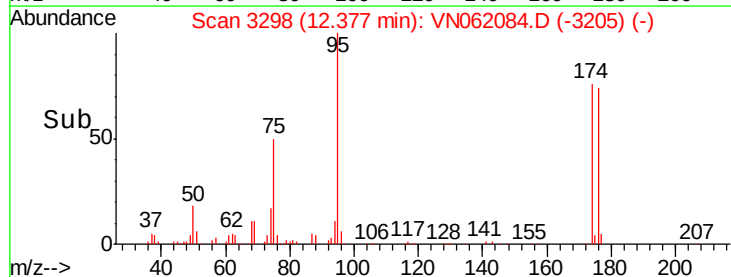
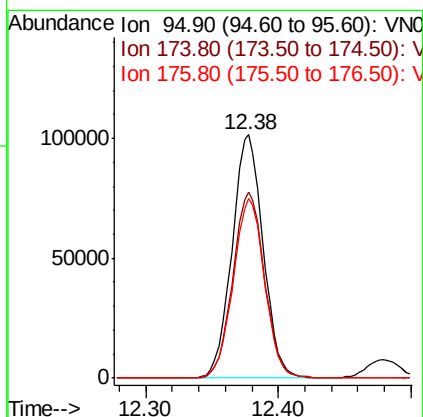
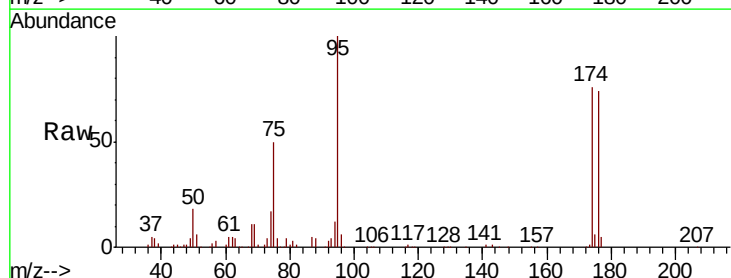
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

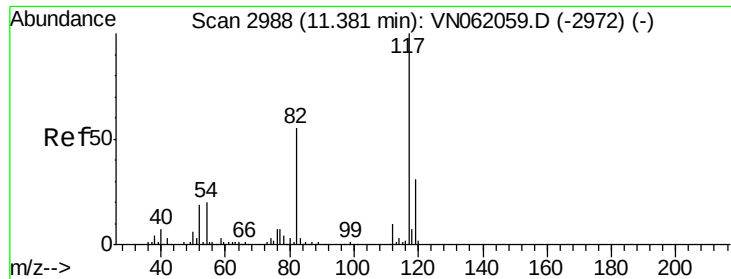
Tot Ion:107 Resp: 58367
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 44.289 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 95 Resp: 164969
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 154.8
 176 74.4 0.0 147.4

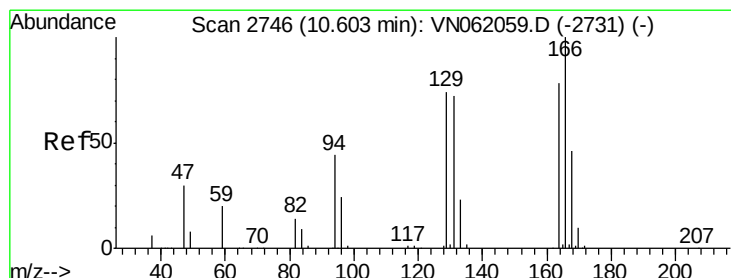
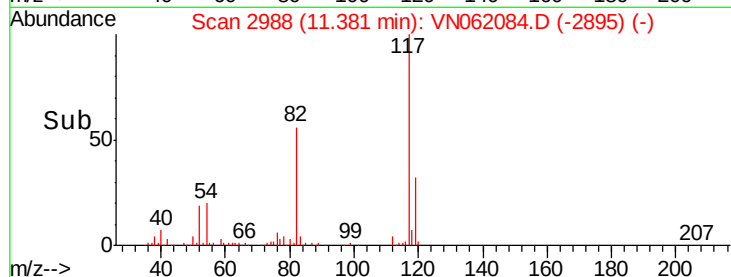
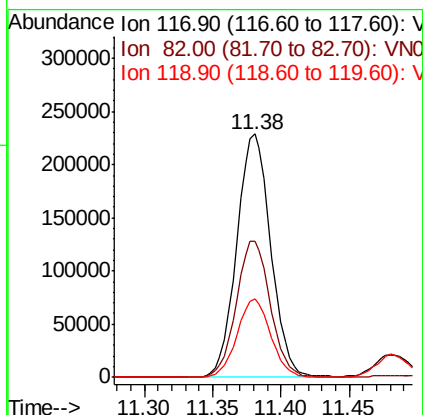
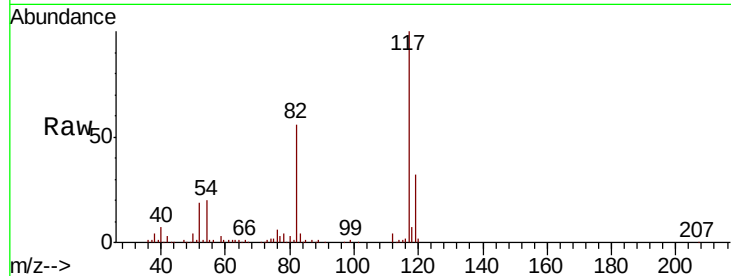




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

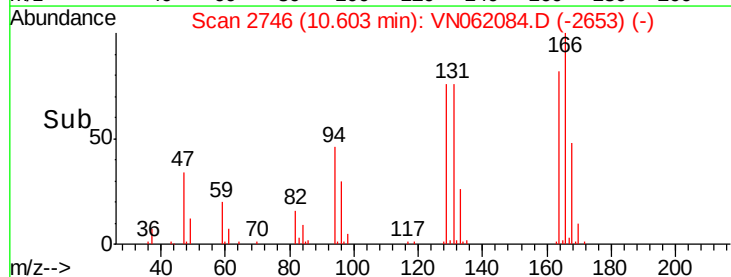
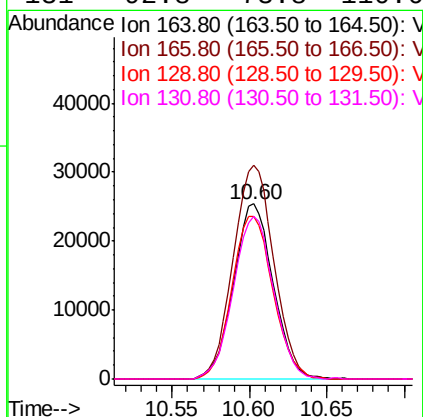
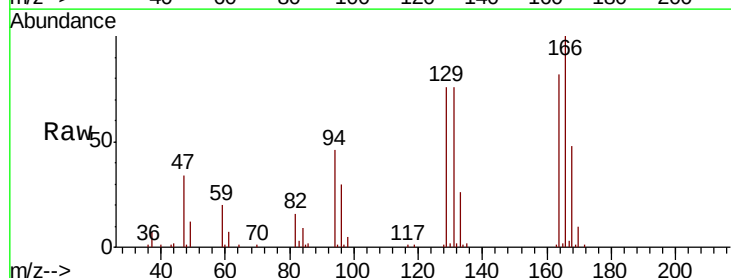
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

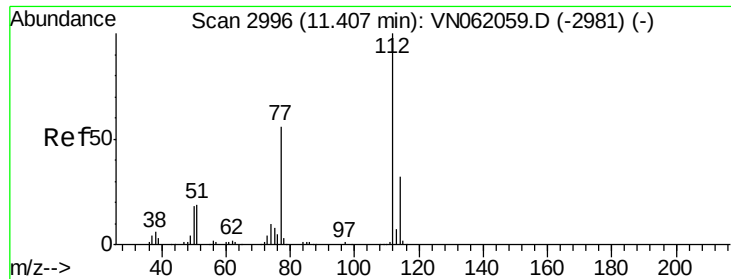
Tot Ion:117 Resp: 395700
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 16.728 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion:164 Resp: 45215
Ion Ratio Lower Upper
164 100
166 122.1 102.9 154.3
129 93.3 75.8 113.8
131 92.8 73.8 110.6





#65

Chlorobenzene

Concen: 17.178 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampled :

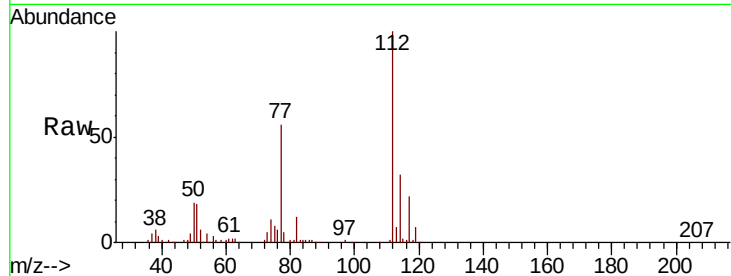
VN0624MBS01

Tot Ion:112 Resp: 149273

Ion Ratio Lower Upper

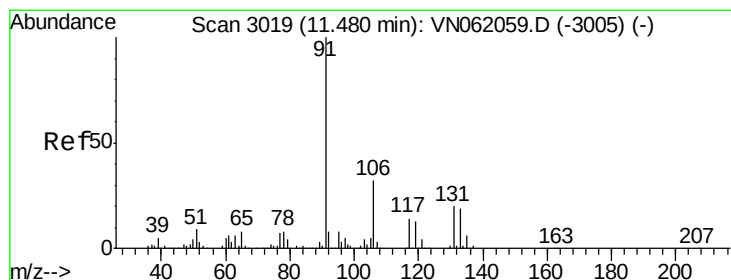
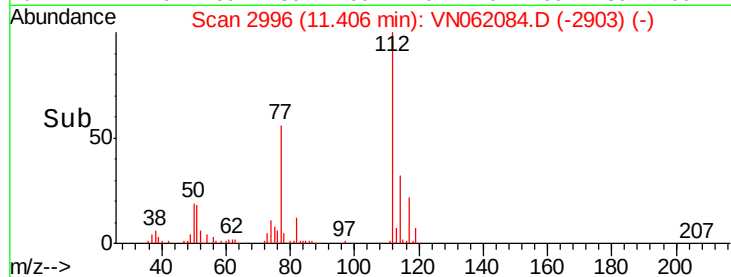
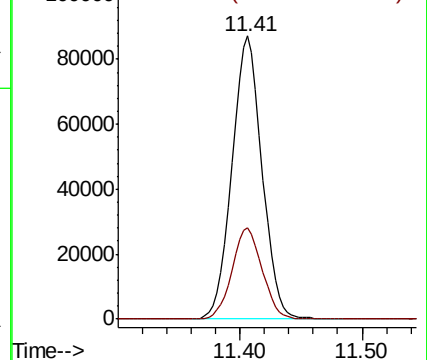
112 100

114 32.2 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.659 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

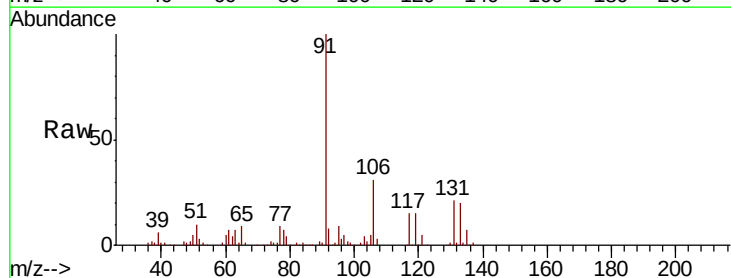
Tgt Ion:131 Resp: 53063

Ion Ratio Lower Upper

131 100

133 95.4 47.6 142.9

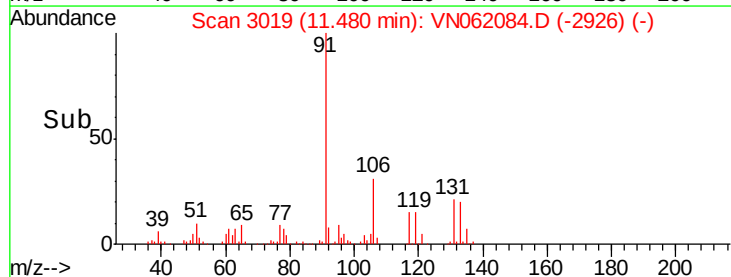
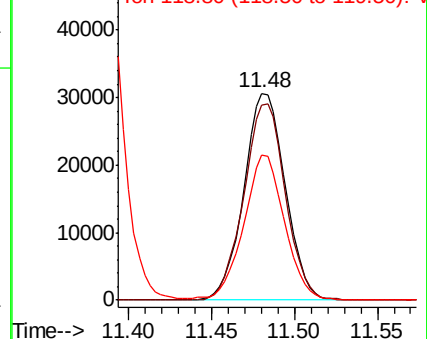
119 69.3 34.4 103.3

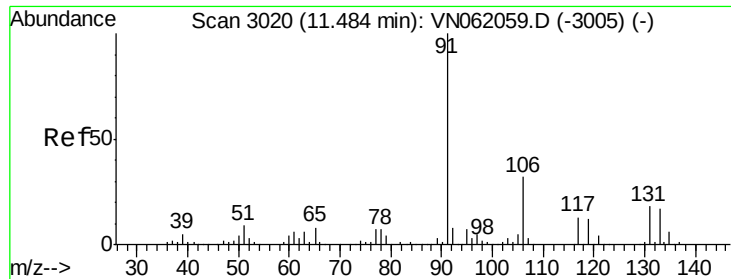


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

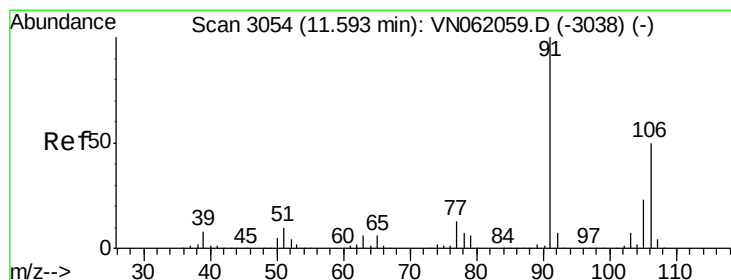
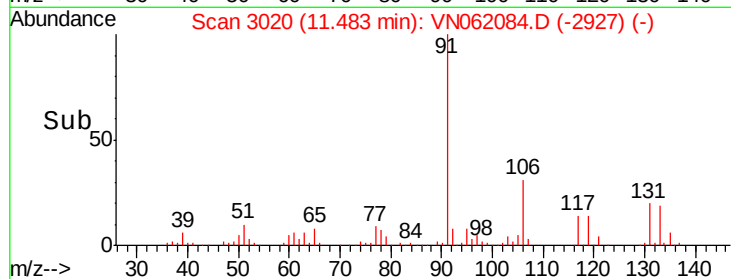
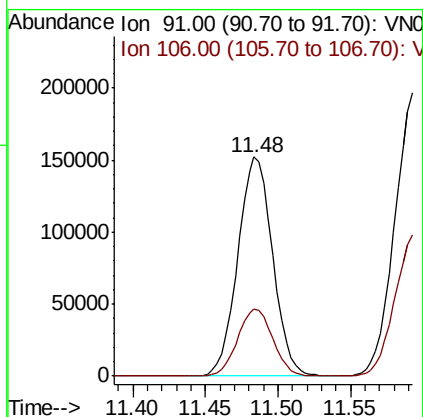
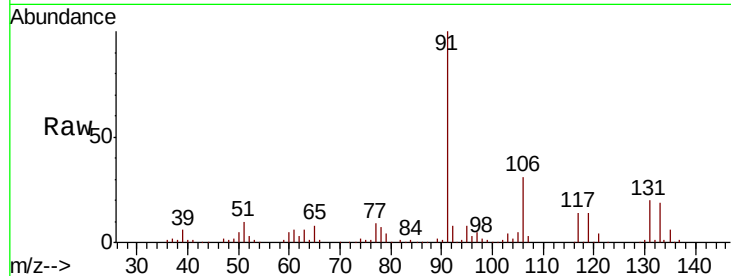




#67
Ethyl Benzene
Concen: 17.323 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

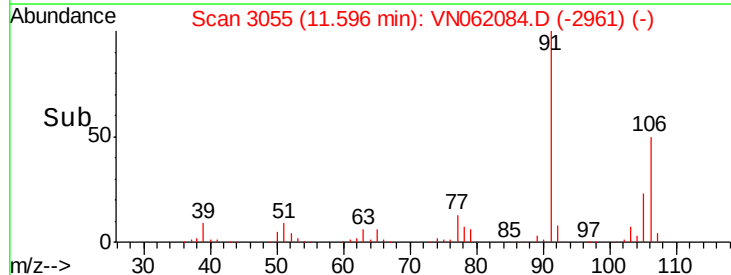
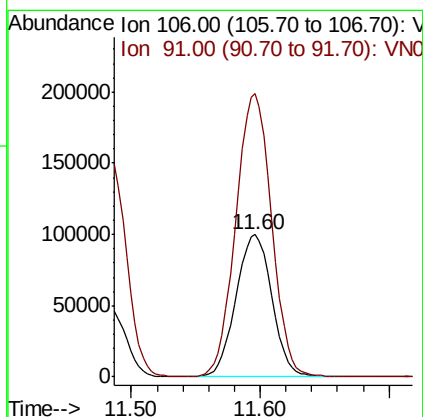
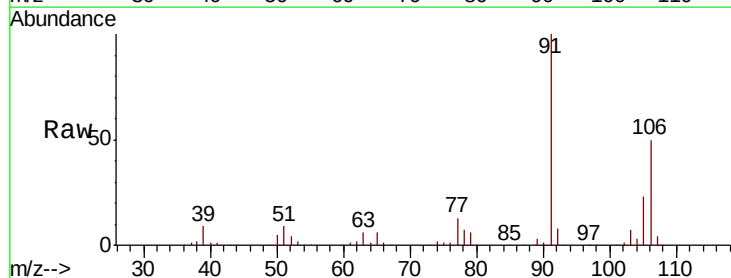
Instrument :
MSVOA_N
ClientSampled :
VN0624MBS01

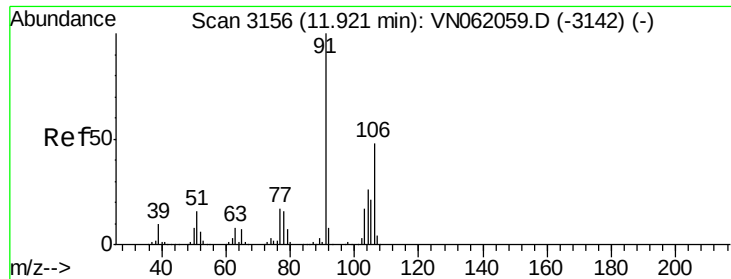
Tot Ion: 91 Resp: 254224
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 34.205 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 106 Resp: 194158
Ion Ratio Lower Upper
106 100
91 197.4 157.8 236.8

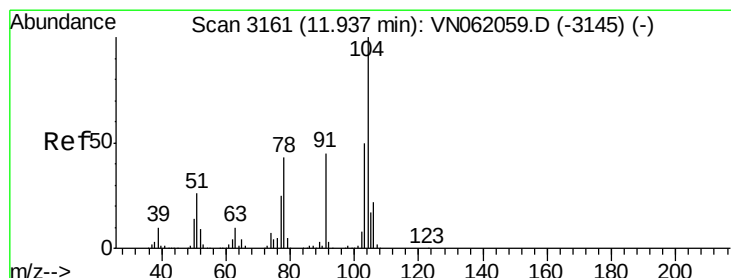
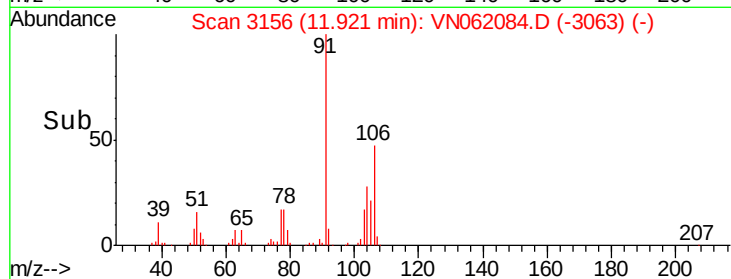
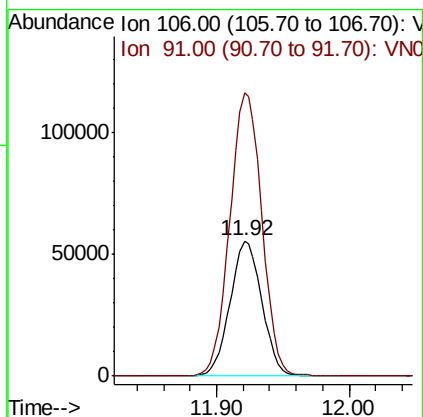
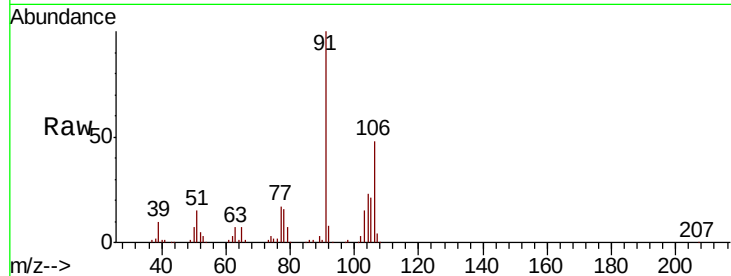




#69
o-Xylene
Concen: 17.265 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

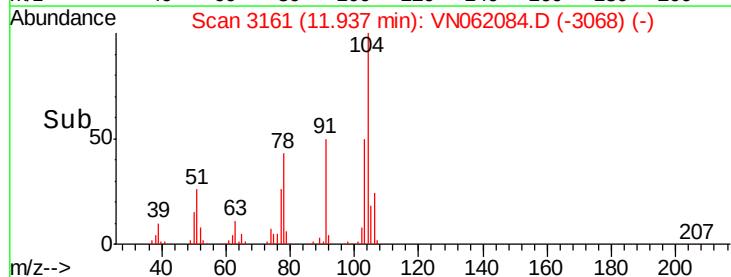
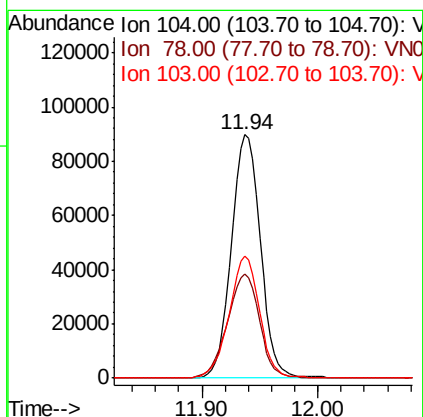
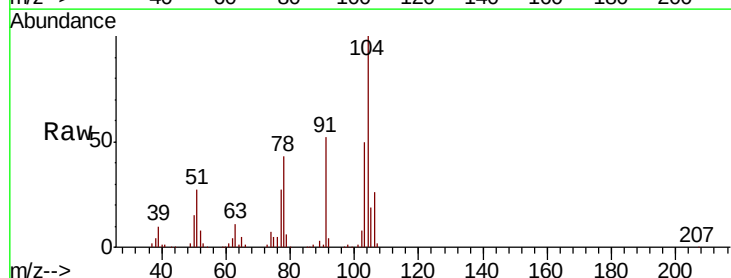
Instrument :
MSVOA_N
ClientSampled :
VN0624MBS01

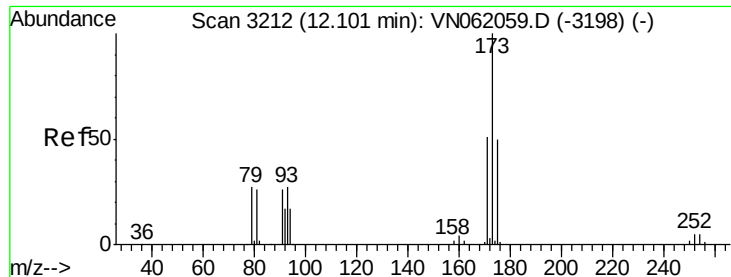
Tot Ion:106 Resp: 92464
Ion Ratio Lower Upper
106 100
91 211.1 104.0 311.9



#70
Styrene
Concen: 17.399 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion:104 Resp: 155405
Ion Ratio Lower Upper
104 100
78 47.2 37.7 56.5
103 52.7 43.0 64.6





#71

Bromoform

Concen: 17.955 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampled :

VN0624MBS01

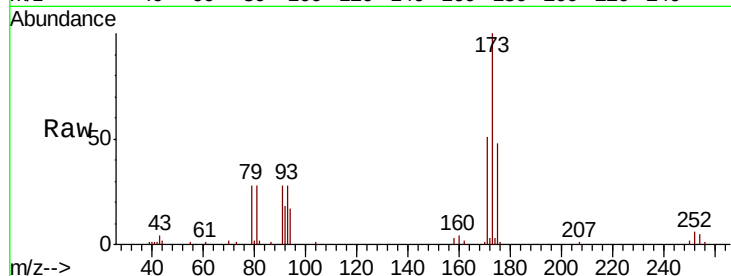
Tot Ion:173 Resp: 38360

Ion Ratio Lower Upper

173 100

175 48.0 24.7 74.1

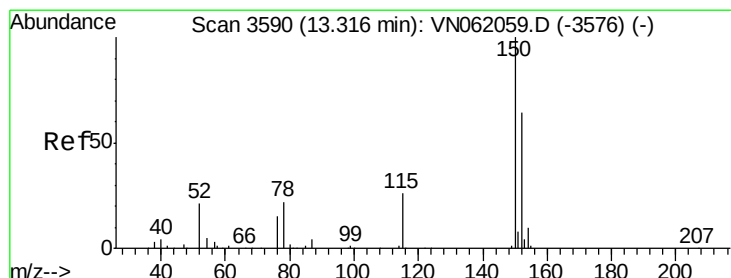
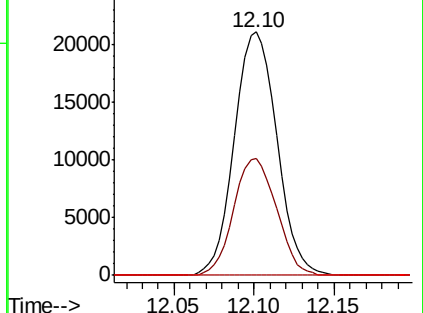
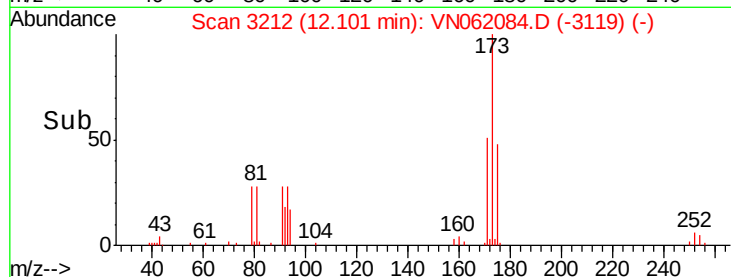
254 0.0 0.0 0.0



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: VN062084.D

Acq: 25 Jun 2020 00:14

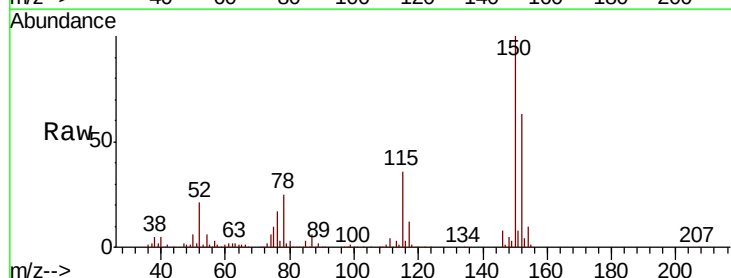
Tgt Ion:152 Resp: 172671

Ion Ratio Lower Upper

152 100

115 58.4 29.5 88.5

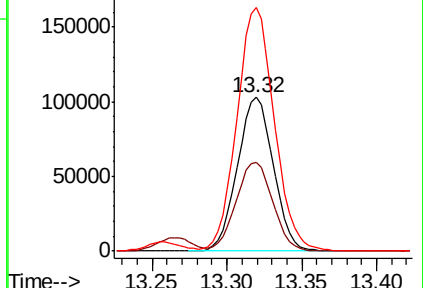
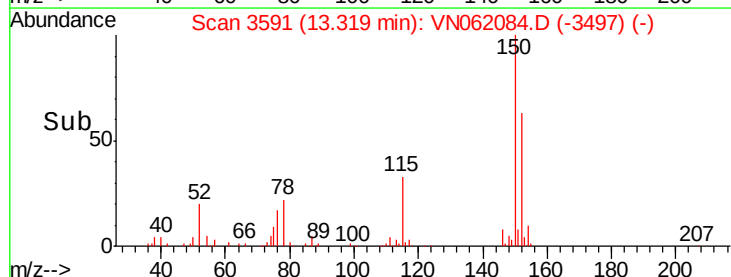
150 163.8 0.0 351.4

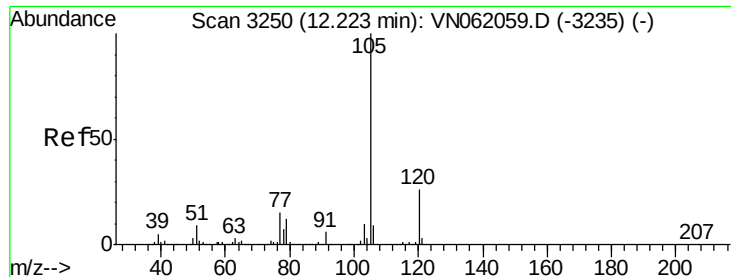


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.052 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

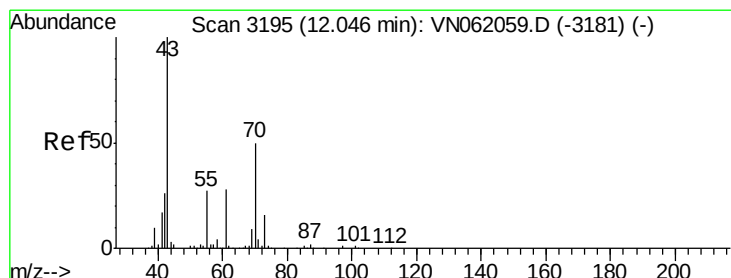
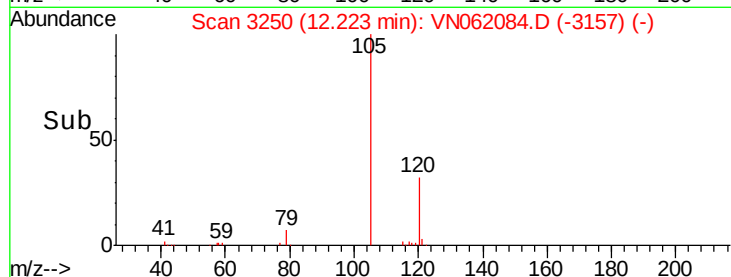
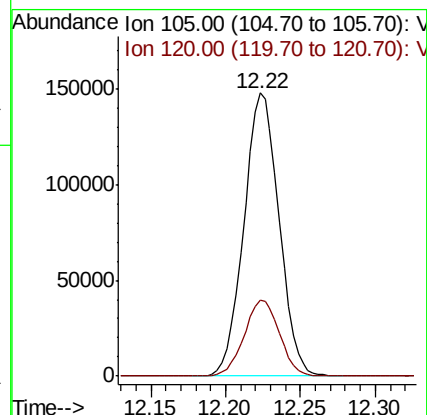
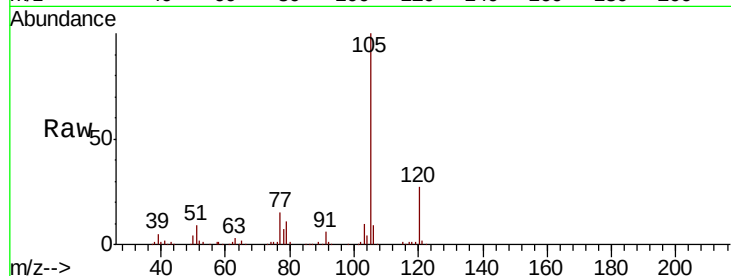
VN0624MBS01

Tot Ion:105 Resp: 241281

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 18.703 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Tgt Ion: 43 Resp: 80989

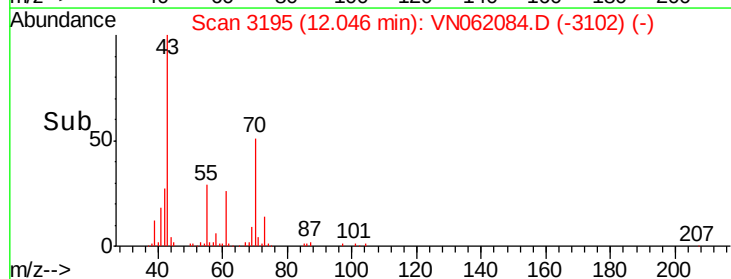
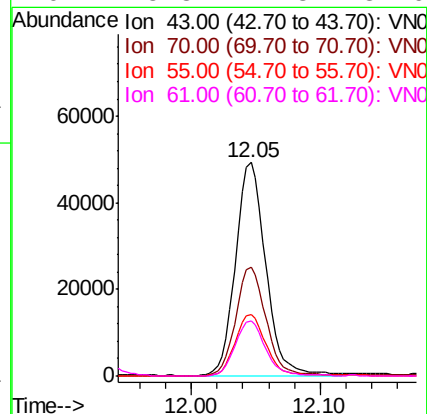
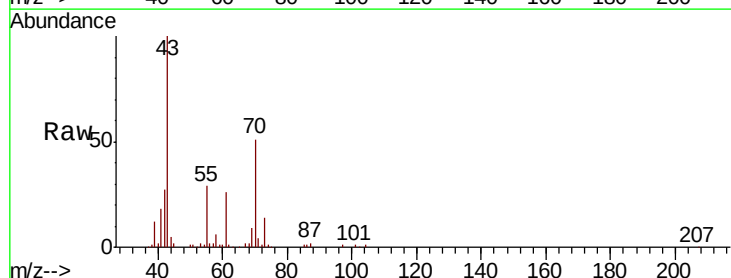
Ion Ratio Lower Upper

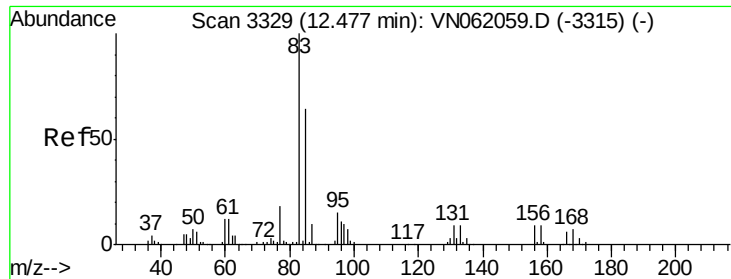
43 100

70 51.0 39.4 59.2

55 29.2 21.7 32.5

61 25.8 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.038 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

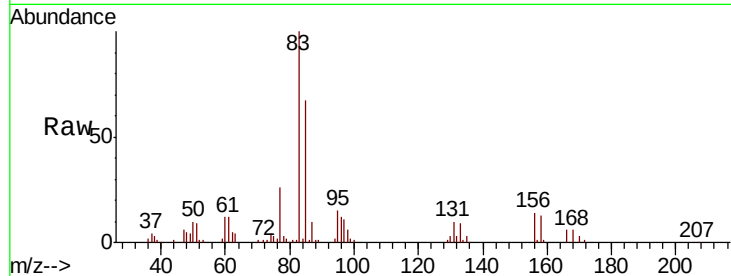
Tot Ion: 83 Resp: 84679

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

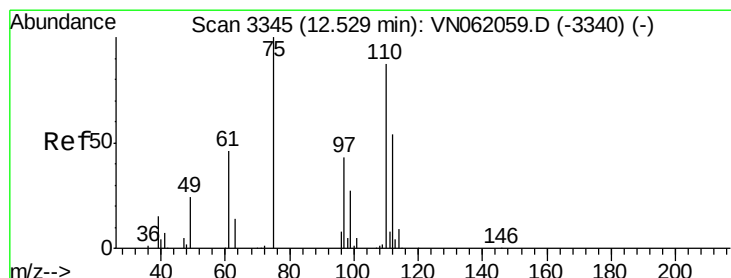
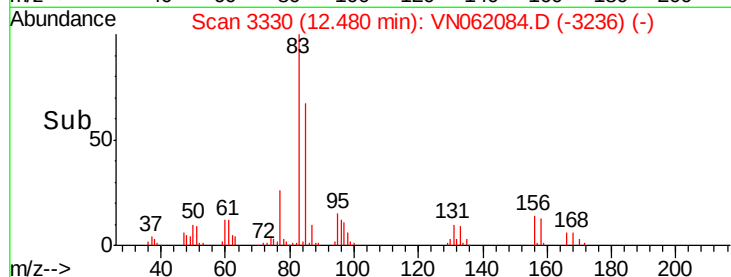
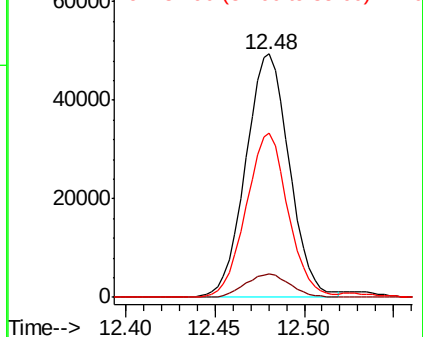
85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN062059.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 24.729 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062084.D

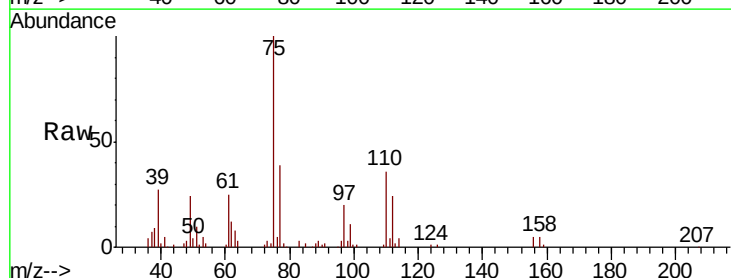
Acq: 25 Jun 2020 00:14

Tgt Ion: 75 Resp: 100517

Ion Ratio Lower Upper

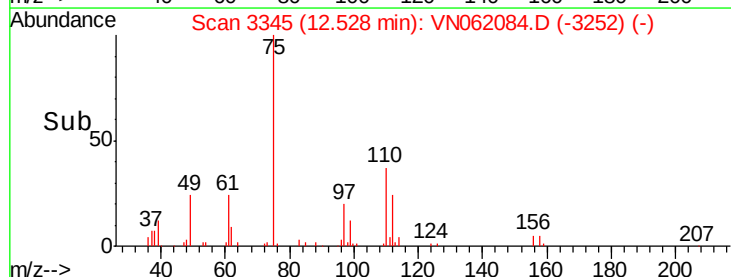
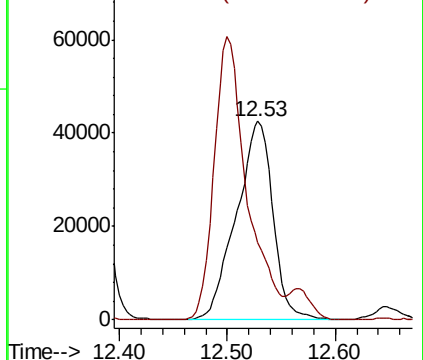
75 100

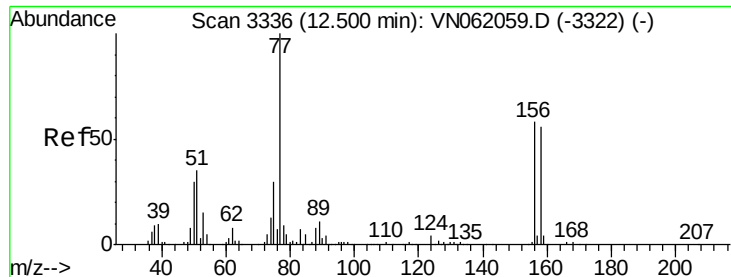
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062059.D (-3340) (-)

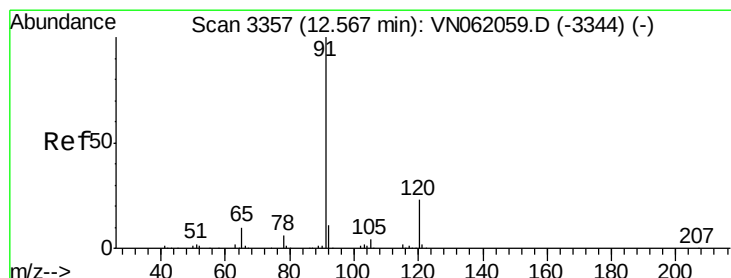
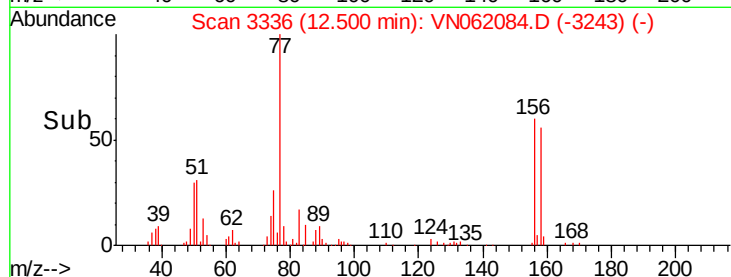
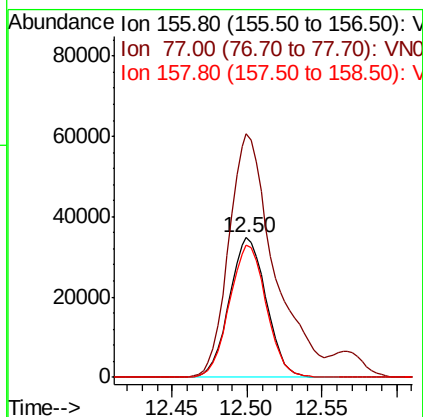
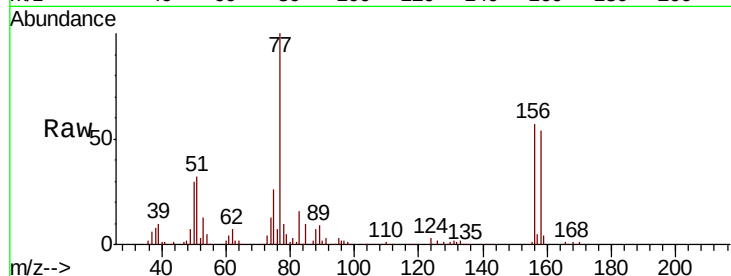




#77
Bromobenzene
Concen: 17.972 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

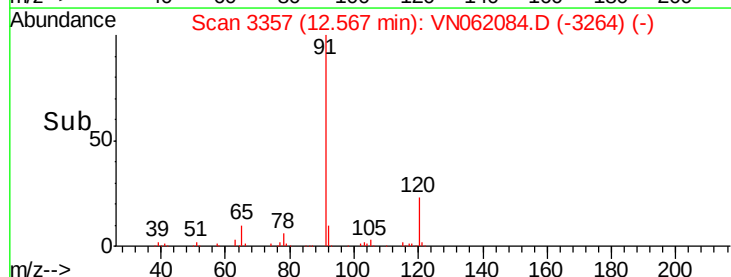
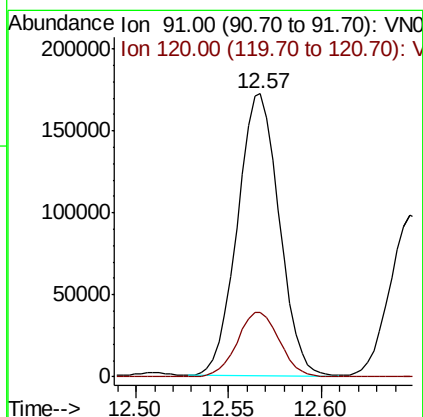
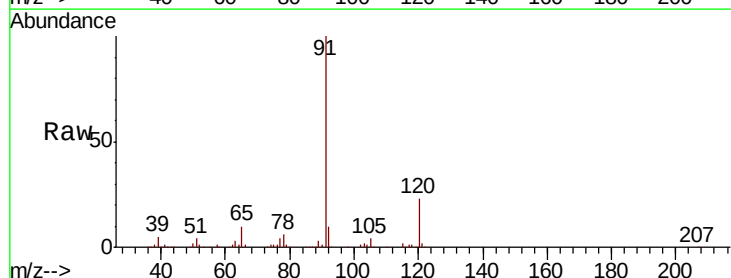
Instrument :
MSVOA_N
ClientSampleId :
VN0624MBS01

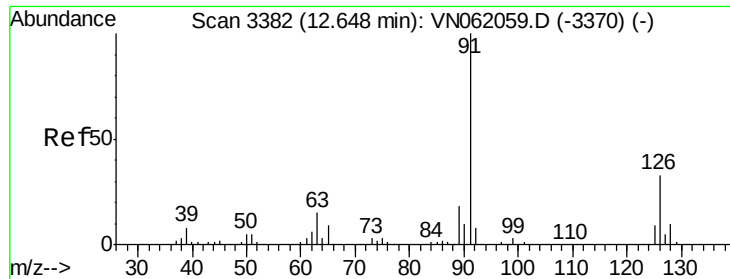
Tot Ion:156 Resp: 59639
Ion Ratio Lower Upper
156 100
77 213.8 104.6 313.8
158 94.7 48.0 144.0



#78
n-propylbenzene
Concen: 17.657 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062084.D
Acq: 25 Jun 2020 00:14

Tgt Ion: 91 Resp: 269949
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.1

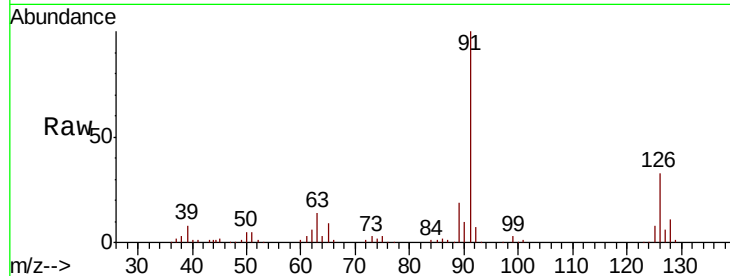




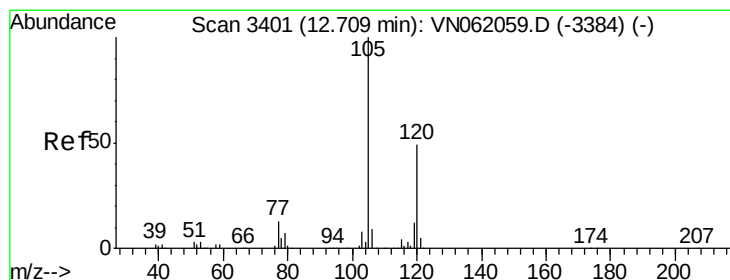
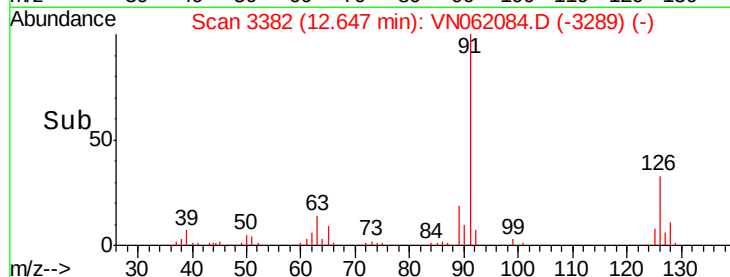
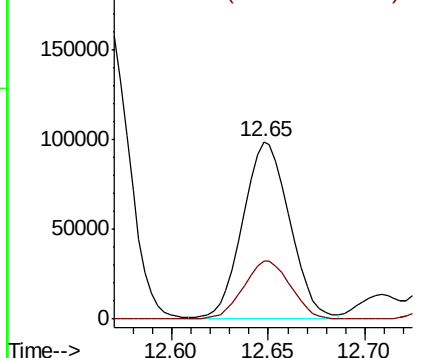
#79
 2-Chlorotoluene
 Concen: 17.819 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Tot Ion: 91 Resp: 164697
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.9 50.7

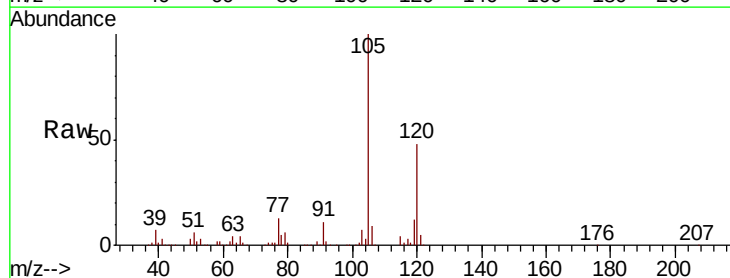


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

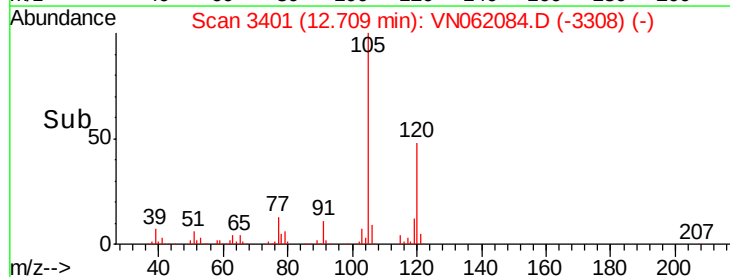
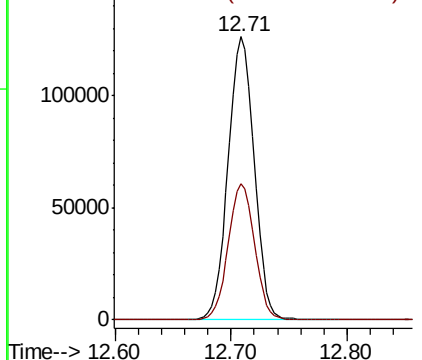


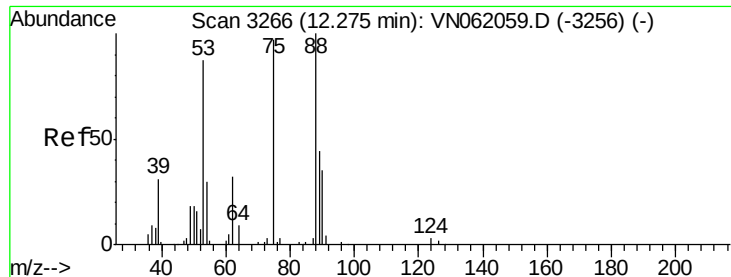
#80
 1,3,5-Trimethylbenzene
 Concen: 18.186 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 105 Resp: 197054
 Ion Ratio Lower Upper
 105 100
 120 48.6 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: 16.317 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

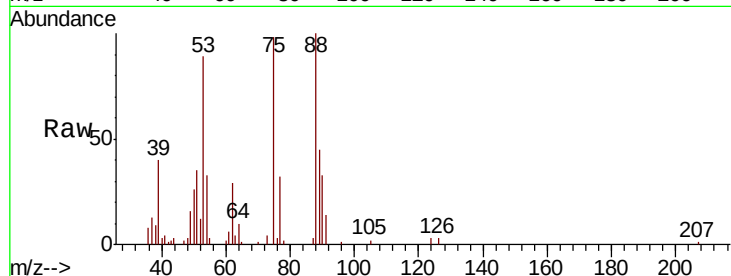
Tot Ion: 75 Resp: 22711

Ion Ratio Lower Upper

75 100

53 98.1 72.0 108.0

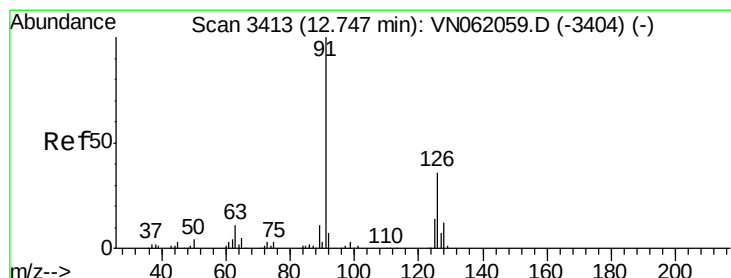
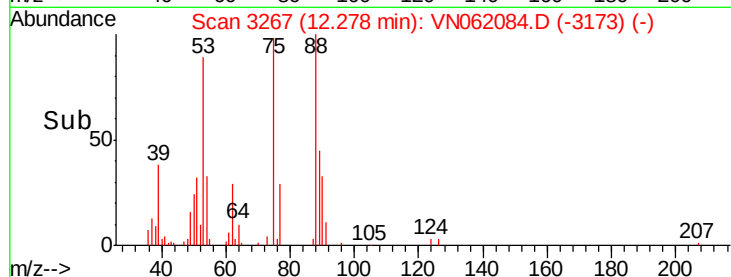
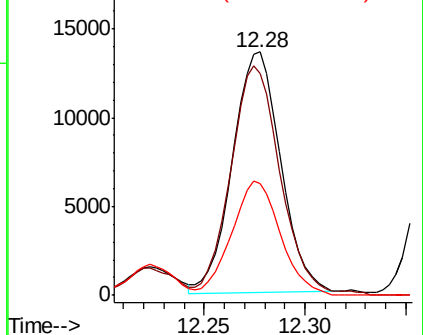
89 48.0 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062084.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062084.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062084.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 17.171 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062084.D

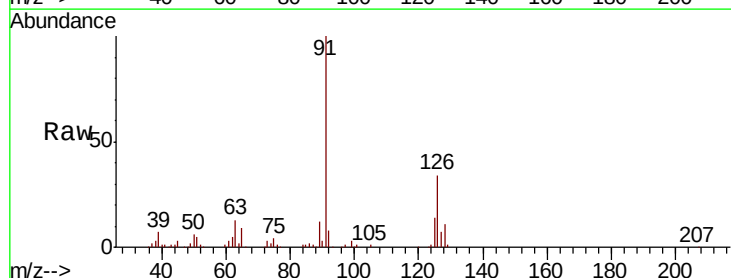
Acq: 25 Jun 2020 00:14

Tgt Ion: 91 Resp: 164124

Ion Ratio Lower Upper

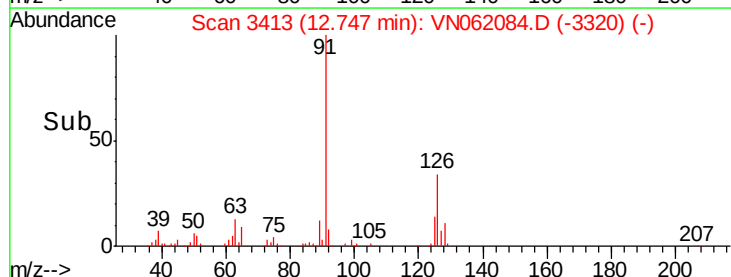
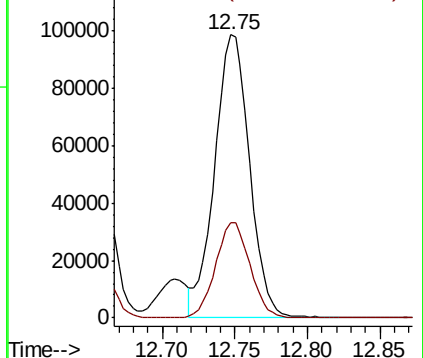
91 100

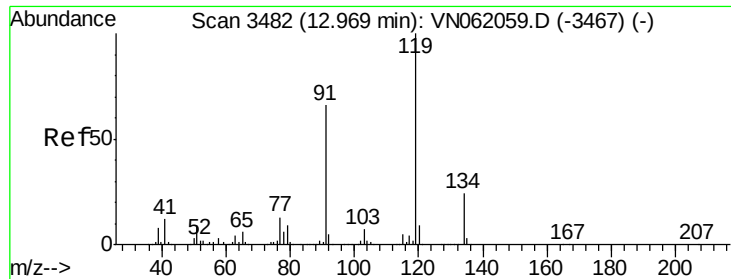
126 33.5 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062084.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062084.D (-3320) (-)

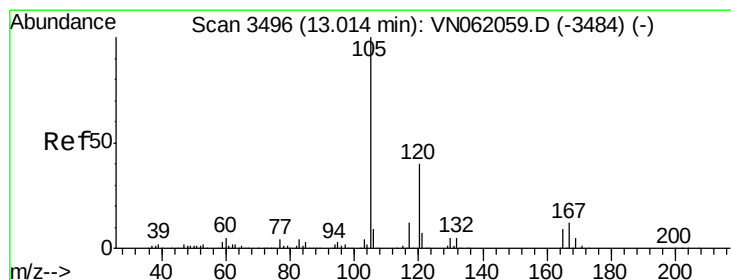
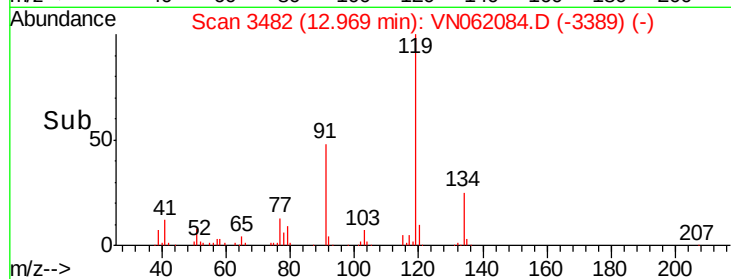
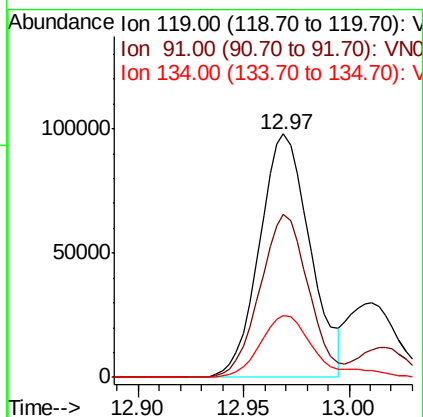
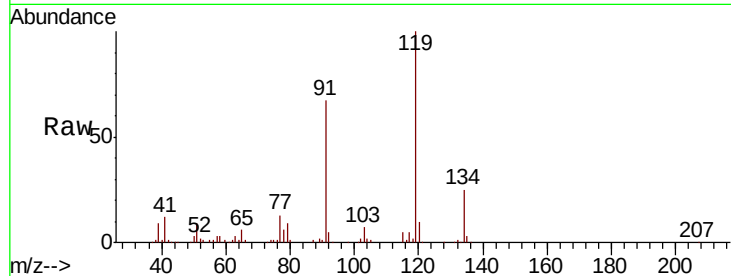




#83
 tert-Butylbenzene
 Concen: 17.618 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

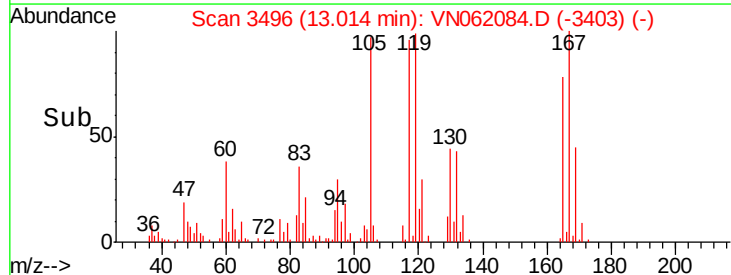
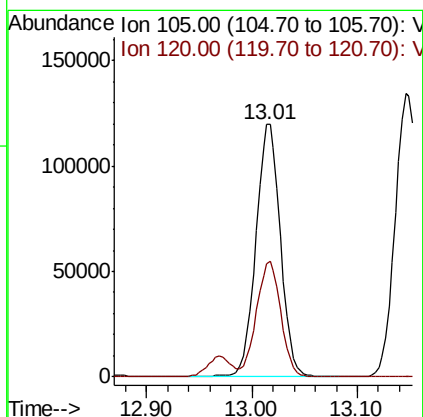
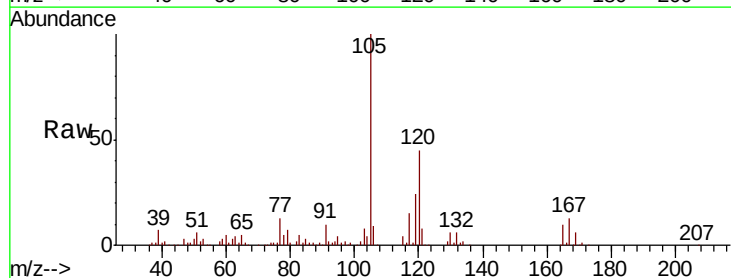
Instrument :
 MSVOA_N
 ClientSampled :
 VN0624MBS01

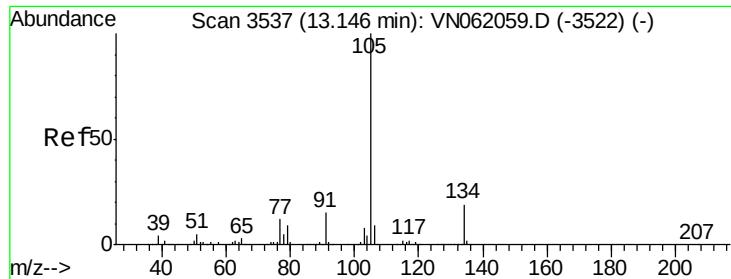
Tot Ion:119 Resp: 163369
 Ion Ratio Lower Upper
 119 100
 91 64.4 31.7 95.1
 134 27.6 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.983 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion:105 Resp: 194601
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 17.468 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampled :

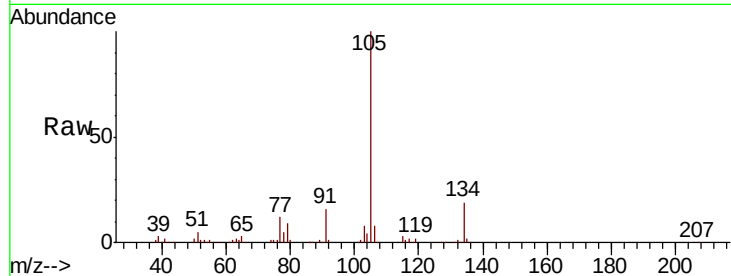
VN0624MBS01

Tot Ion:105 Resp: 214038

Ion Ratio Lower Upper

105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

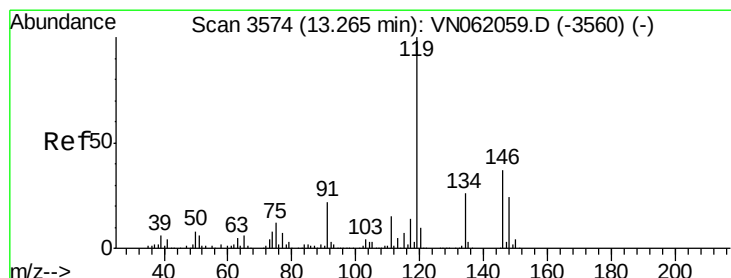
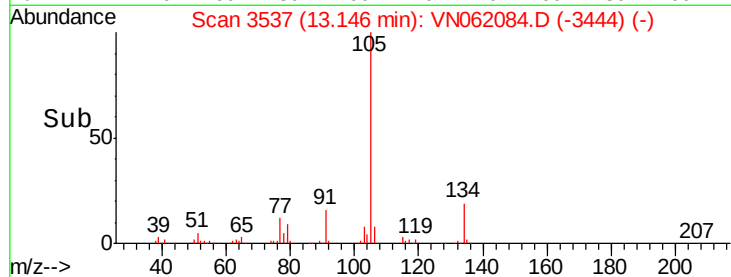
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.406 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

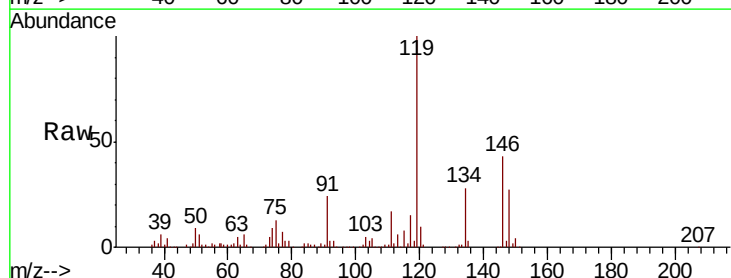
Tgt Ion:119 Resp: 186851

Ion Ratio Lower Upper

119 100

134 26.9 13.0 39.0

91 23.6 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

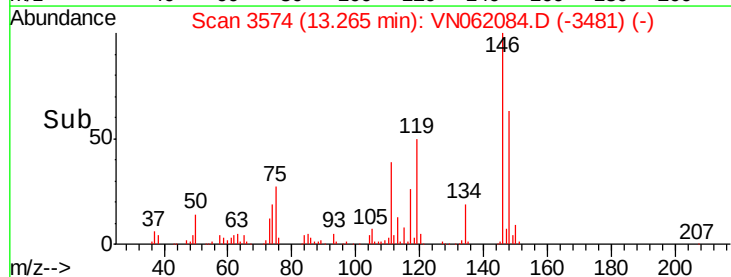
150000

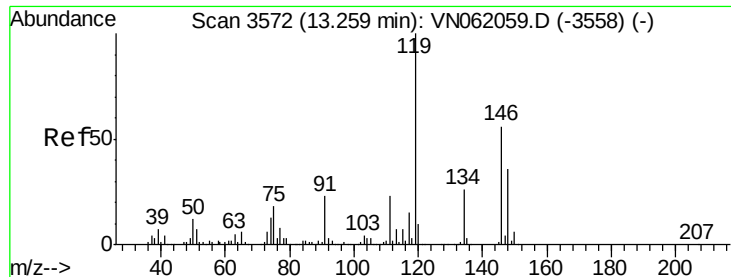
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 17.391 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

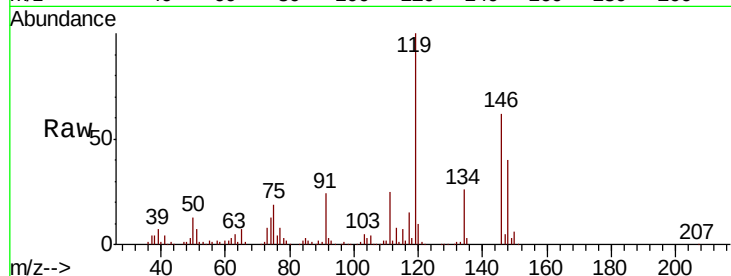
Tot Ion:146 Resp: 101340

Ion Ratio Lower Upper

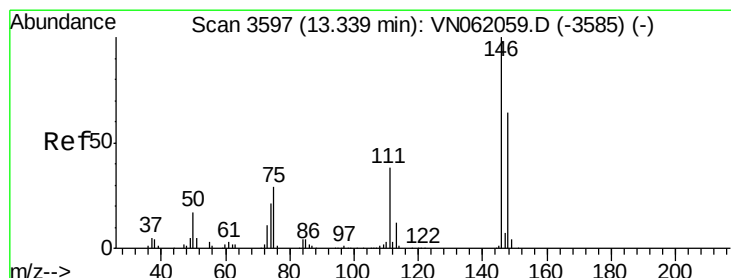
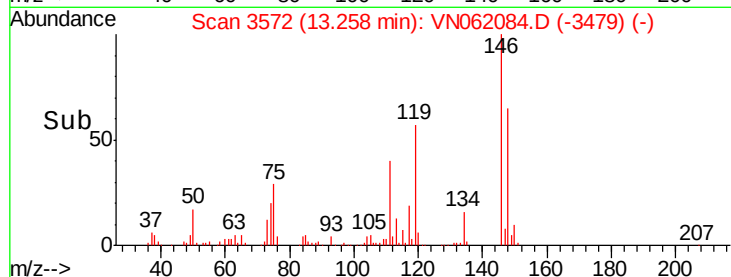
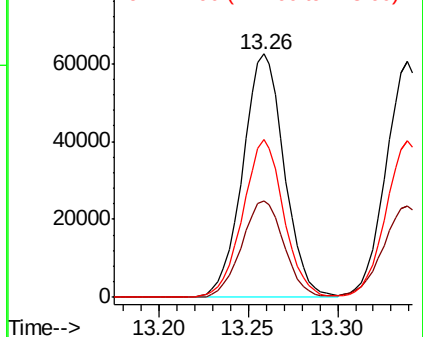
146 100

111 40.4 20.3 61.0

148 63.9 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: 16.241 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

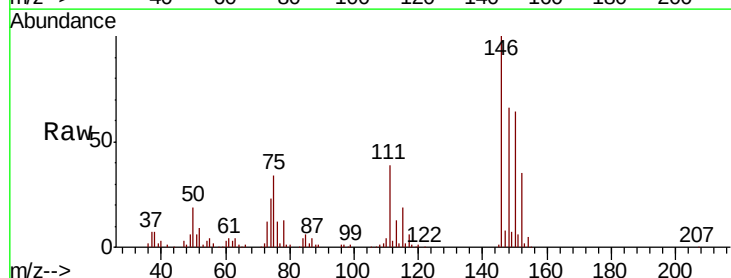
Tgt Ion:146 Resp: 97550

Ion Ratio Lower Upper

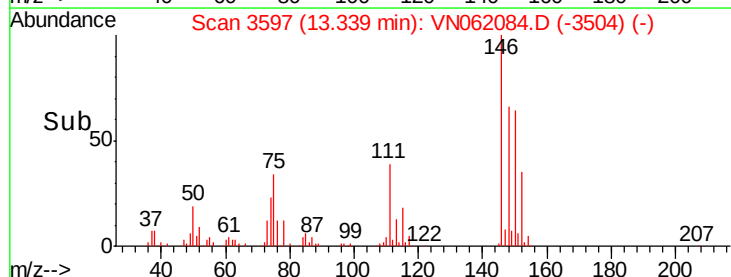
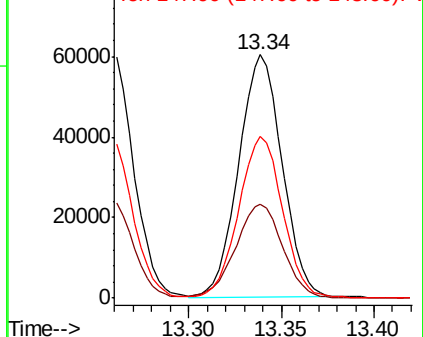
146 100

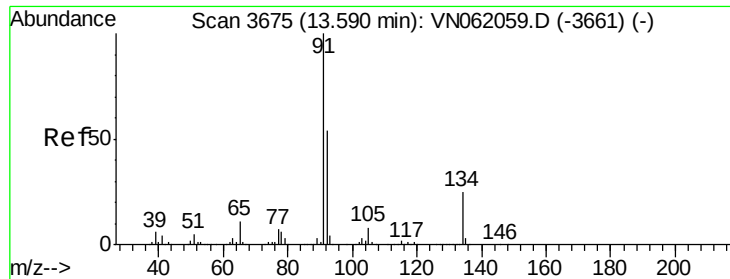
111 42.5 19.9 59.6

148 68.0 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: 15.942 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

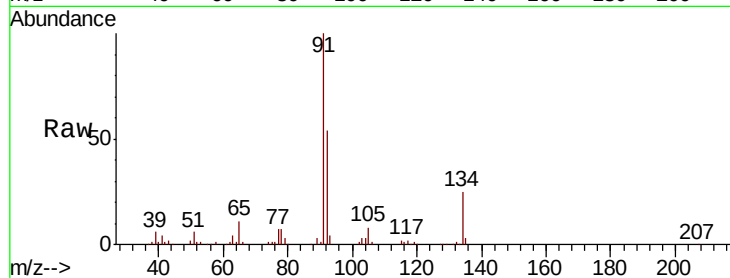
Tot Ion: 91 Resp: 142278

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

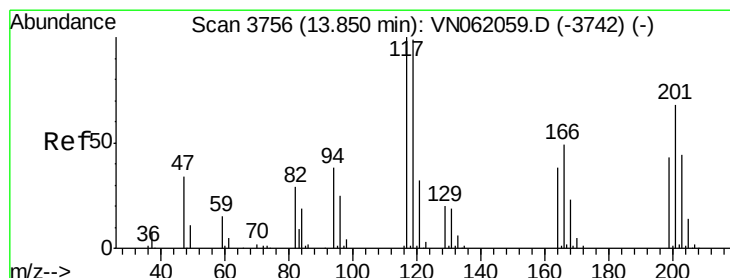
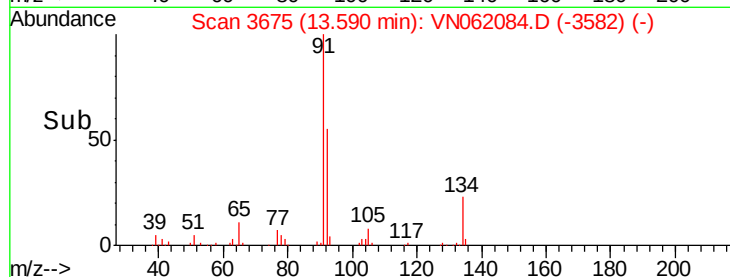
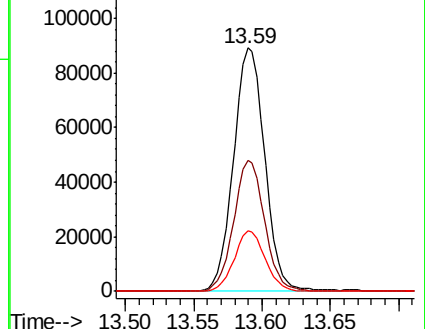
134 24.5 12.3 36.9



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) (-)



#90

Hexachloroethane

Concen: 17.070 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062084.D

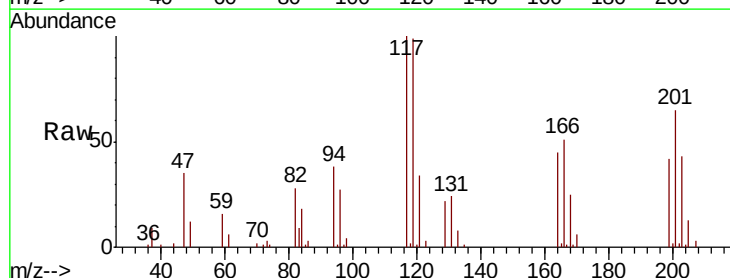
Acq: 25 Jun 2020 00:14

Tgt Ion: 117 Resp: 35954

Ion Ratio Lower Upper

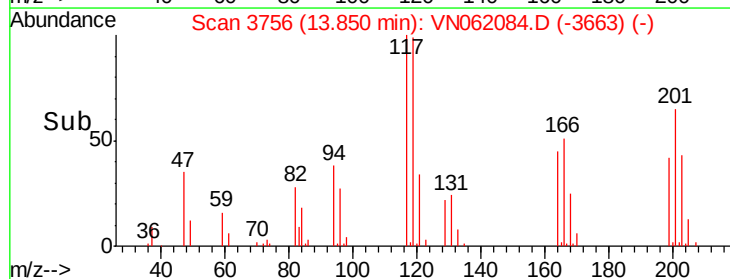
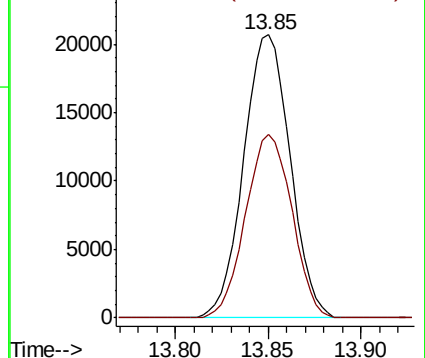
117 100

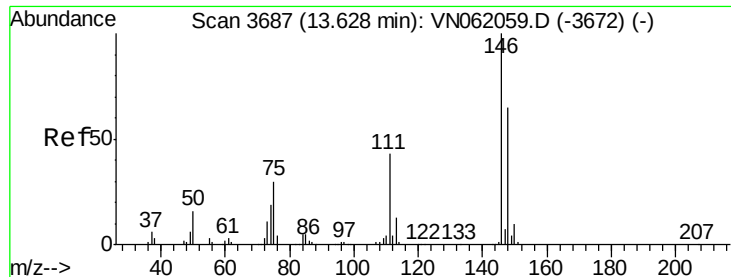
201 64.6 32.7 98.1



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

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

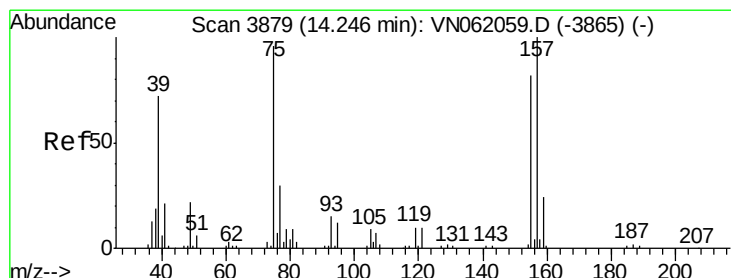
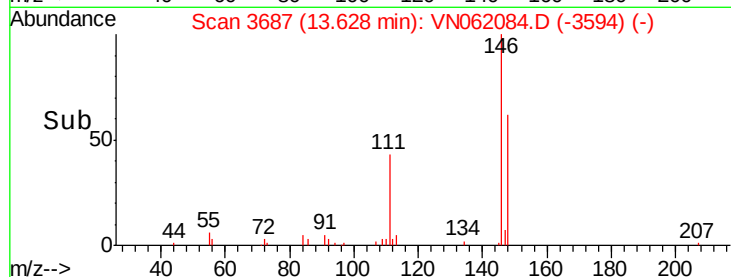
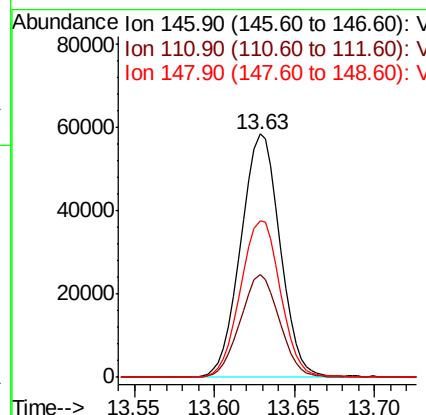
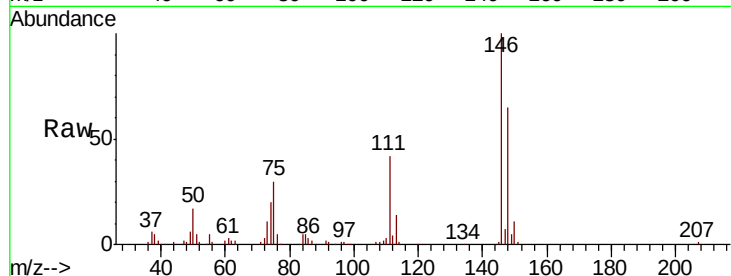




#91
 1,2-Dichlorobenzene
 Concen: 17.308 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

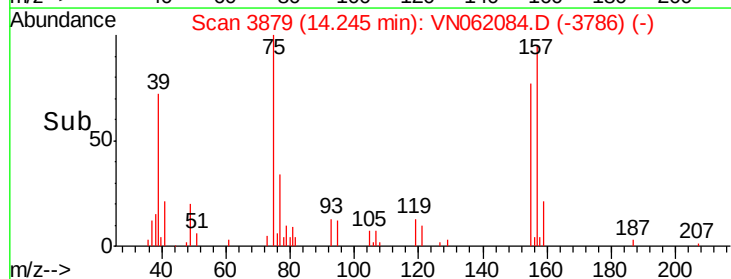
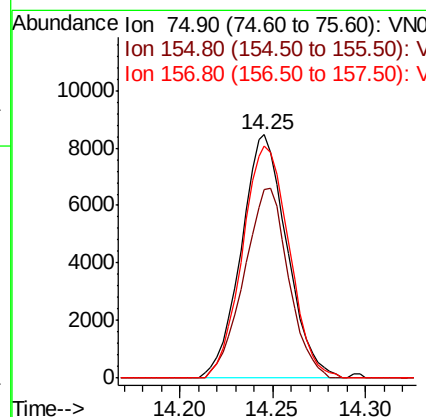
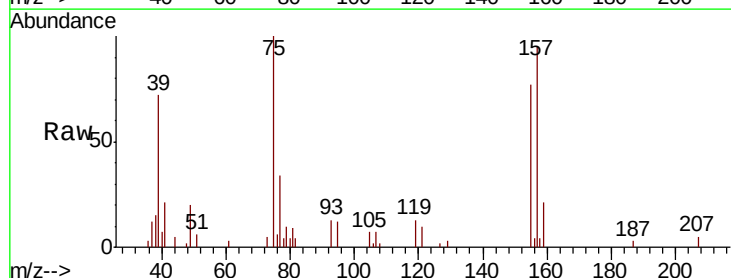
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

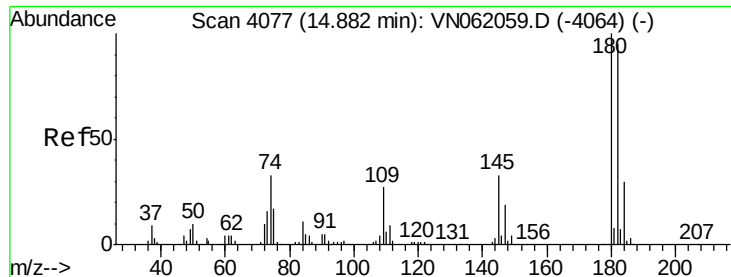
Tot Ion:146 Resp: 97801
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.2 63.6
 148 65.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.320 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion: 75 Resp: 14479
 Ion Ratio Lower Upper
 75 100
 155 75.8 40.8 122.4
 157 97.3 51.4 154.3

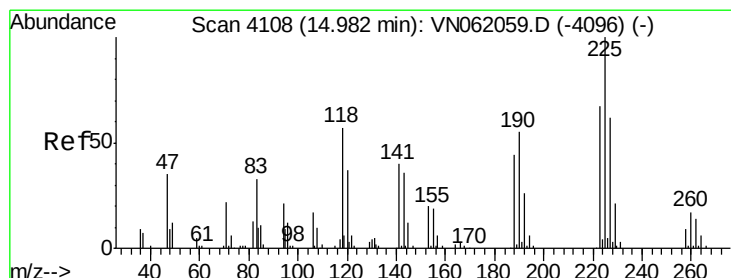
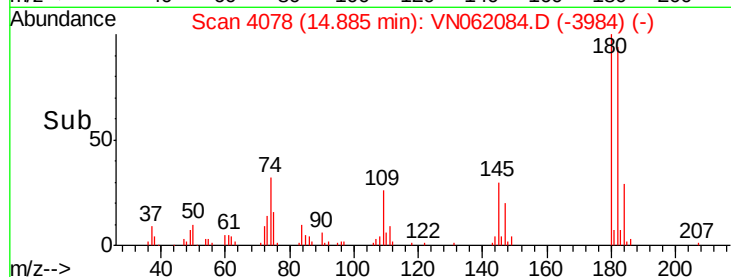
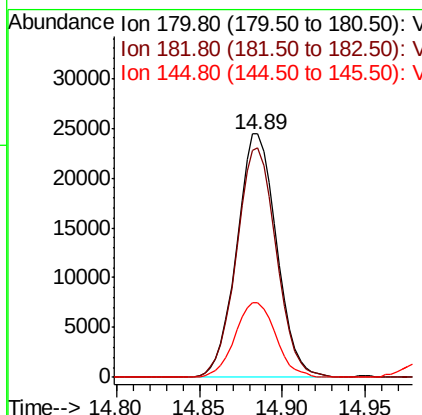
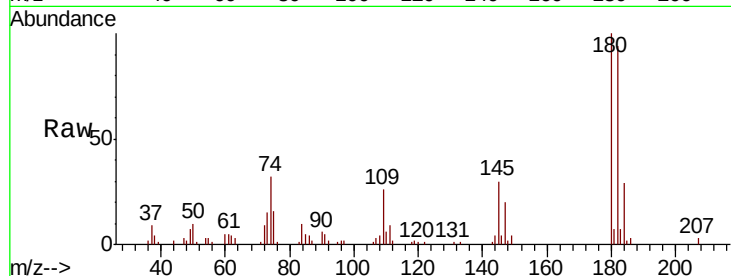




#93
 1,2,4-Trichlorobenzene
 Concen: 16.560 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

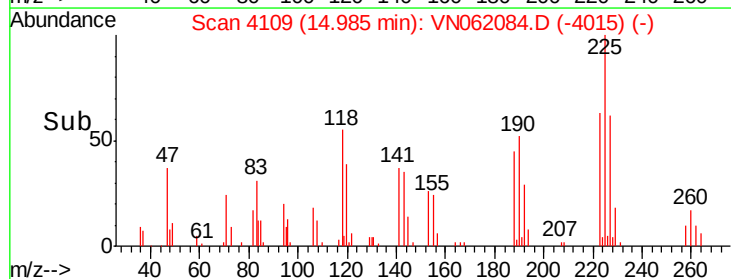
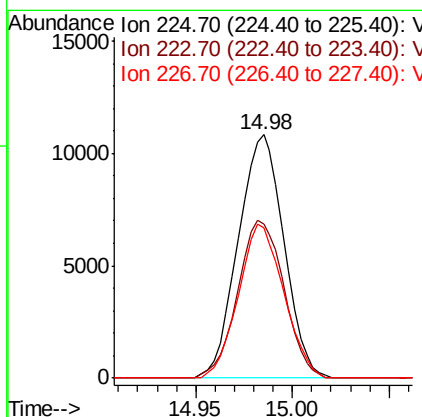
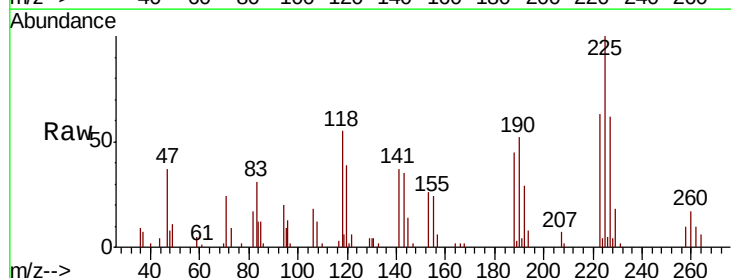
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

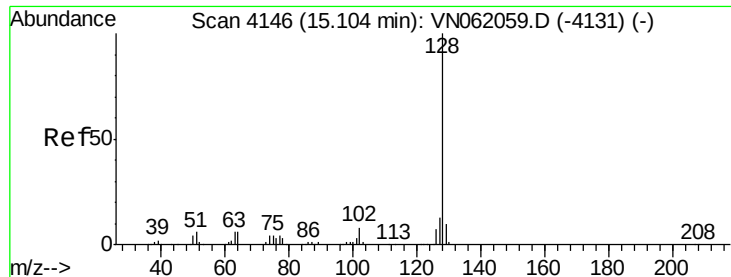
Tot Ion:180 Resp: 40878
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.0 144.2
 145 31.4 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 16.621 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062084.D
 Acq: 25 Jun 2020 00:14

Tgt Ion:225 Resp: 17820
 Ion Ratio Lower Upper
 225 100
 223 65.4 32.9 98.7
 227 62.3 31.3 93.8





#95

Naphthalene

Concen: 17.672 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBS01

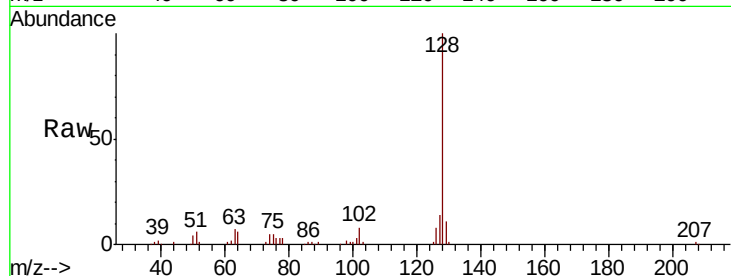
Tot Ion:128 Resp: 122340

Ion Ratio Lower Upper

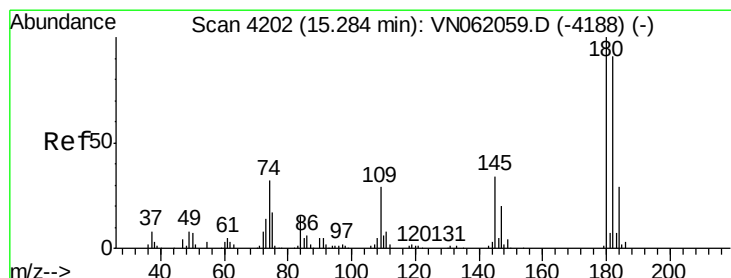
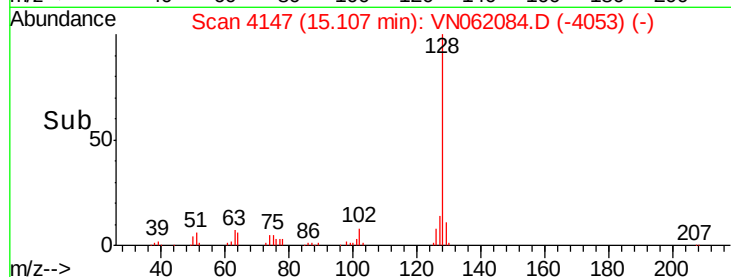
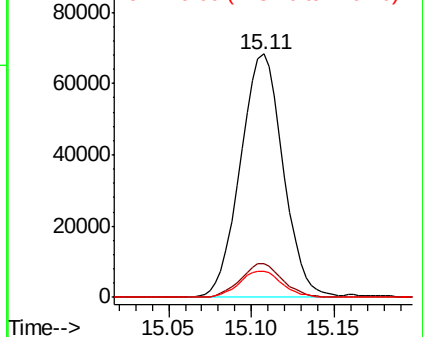
128 100

127 13.4 10.5 15.7

129 10.7 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: 16.959 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062084.D

Acq: 25 Jun 2020 00:14

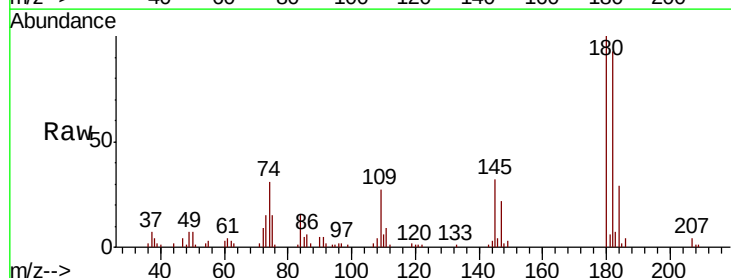
Tgt Ion:180 Resp: 42806

Ion Ratio Lower Upper

180 100

182 95.8 46.8 140.4

145 33.0 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

