

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062158.D
 Acq On : 26 Jun 2020 23:27
 Operator : JC/MD
 Sample : VN0626WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

Quant Time: Jun 27 03:48:22 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	239056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	392252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175385	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	158564	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
35) Dibromofluoromethane	7.55	113	129029	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
50) Toluene-d8	10.06	98	504043	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
62) 4-Bromofluorobenzene	12.38	95	165596	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	46265	17.122	ug/l	99
3) Chloromethane	2.03	50	62315	18.753	ug/l	96
4) Vinyl Chloride	2.16	62	72833	17.116	ug/l	99
5) Bromomethane	2.53	94	51924	18.880	ug/l	98
6) Chloroethane	2.67	64	49632	17.074	ug/l	97
7) Trichlorofluoromethane	2.98	101	90887	17.334	ug/l	99
8) Diethyl Ether	3.37	74	35450	19.362	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46731	17.019	ug/l	95
10) Methyl Iodide	3.91	142	58507	18.920	ug/l	99
11) Tert butyl alcohol	4.73	59	46063	95.632	ug/l	98
12) 1,1-Dichloroethene	3.70	96	50089	18.248	ug/l	95
13) Acrolein	3.57	56	34950	74.112	ug/l	99
14) Allyl chloride	4.27	41	68002	18.196	ug/l	99
15) Acrylonitrile	4.93	53	122304	93.179	ug/l	98
16) Acetone	3.78	43	96735	89.261	ug/l	95
17) Carbon Disulfide	4.01	76	137511	17.523	ug/l	99
18) Methyl Acetate	4.28	43	48935	18.350	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	169106	19.280	ug/l	98
20) Methylene Chloride	4.50	84	60303	19.449	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	55081	17.614	ug/l	97
22) Diisopropyl ether	5.90	45	158063	18.575	ug/l	97
23) Vinyl Acetate	5.84	43	641578	92.349	ug/l	99
24) 1,1-Dichloroethane	5.79	63	98540	17.984	ug/l	99
25) 2-Butanone	6.79	43	147319	89.842	ug/l	99
26) 2,2-Dichloropropane	6.78	77	65427	14.329	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64604	18.360	ug/l	97
28) Bromochloromethane	7.15	49	41917	17.631	ug/l	100
29) Tetrahydrofuran	7.17	42	98156	91.383	ug/l	98
30) Chloroform	7.33	83	100069	17.950	ug/l	98
31) Cyclohexane	7.61	56	83708	18.060	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	87012	18.507	ug/l	99
36) 1,1-Dichloropropene	7.75	75	75353	17.529	ug/l	99
37) Ethyl Acetate	6.89	43	64499	18.119	ug/l	99
38) Carbon Tetrachloride	7.73	117	72558	17.903	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	83286	17.682	ug/l	96
40) Benzene	8.00	78	229431	17.510	ug/l	100
41) Methacrylonitrile	7.12	41	23613	14.308	ug/l #	86
42) 1,2-Dichloroethane	8.08	62	78233	17.672	ug/l	100
43) Isopropyl Acetate	8.13	43	103826	17.892	ug/l	99
44) Trichloroethene	8.80	130	59330	17.951	ug/l	100
45) 1,2-Dichloropropane	9.08	63	58243	18.018	ug/l	99
46) Dibromomethane	9.17	93	38756	17.683	ug/l	98
47) Bromodichloromethane	9.37	83	79310	17.922	ug/l	99
48) Methyl methacrylate	9.17	41	45812	17.608	ug/l	97
49) 1,4-Dioxane	9.17	88	20096	348.291	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	316944	93.484	ug/l	100
52) Toluene	10.12	92	147152	18.406	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	82387	16.922	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	93239	17.988	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57228	18.210	ug/l	99
56) Ethyl methacrylate	10.40	69	77274	18.425	ug/l	100
57) 1,3-Dichloropropane	10.68	76	97990	18.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	141791	90.396	ug/l	100
59) 2-Hexanone	10.72	43	223013	91.094	ug/l	99
60) Dibromochloromethane	10.87	129	59729	17.952	ug/l	99
61) 1,2-Dibromoethane	10.98	107	59281	18.358	ug/l	99
64) Tetrachloroethene	10.60	164	48089	17.947	ug/l	98
65) Chlorobenzene	11.41	112	156692	18.191	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	54576	18.323	ug/l	99
67) Ethyl Benzene	11.48	91	266265	18.303	ug/l	100
68) m/p-Xylenes	11.60	106	208225	37.006	ug/l	99
69) o-Xylene	11.92	106	99444	18.731	ug/l	99
70) Styrene	11.94	104	161769	18.271	ug/l	100
71) Bromoform	12.10	173	39286	18.551	ug/l #	96
73) Isopropylbenzene	12.22	105	260776	19.208	ug/l	100
74) N-amyl acetate	12.05	43	81500	18.561	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	83206	18.417	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	97961	23.727	ug/l #	100
77) Bromobenzene	12.50	156	62225	18.461	ug/l	98
78) n-propylbenzene	12.57	91	287769	18.531	ug/l	100
79) 2-Chlorotoluene	12.65	91	176450	18.795	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	211335	19.202	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	22663	16.030	ug/l	98
82) 4-Chlorotoluene	12.75	91	177561	18.290	ug/l	100
83) tert-Butylbenzene	12.97	119	184851	19.626	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	209491	19.059	ug/l	100
85) sec-Butylbenzene	13.15	105	241087	19.371	ug/l	98
86) p-Isopropyltoluene	13.26	119	212026	19.445	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	108066	18.259	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	107432	17.609	ug/l	98
89) n-Butylbenzene	13.59	91	166053	18.318	ug/l	99
90) Hexachloroethane	13.85	117	39715	18.564	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	108732	18.945	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13807	19.077	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

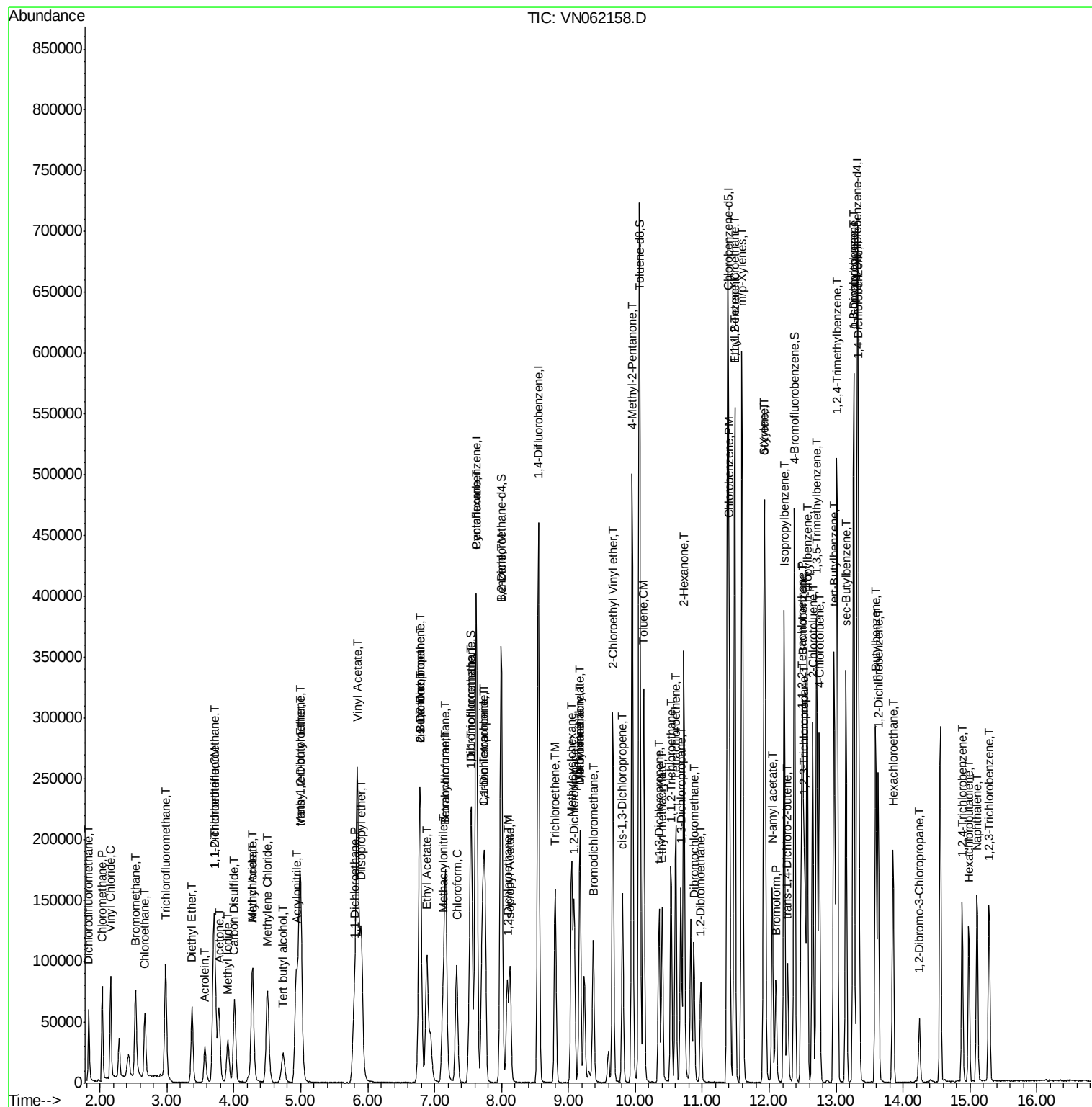
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	46309	18.470	ug/l	98
94) Hexachlorobutadiene	14.98	225	21118	19.393	ug/l	98
95) Naphthalene	15.10	128	134558	18.805	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	47794	18.643	ug/l	99

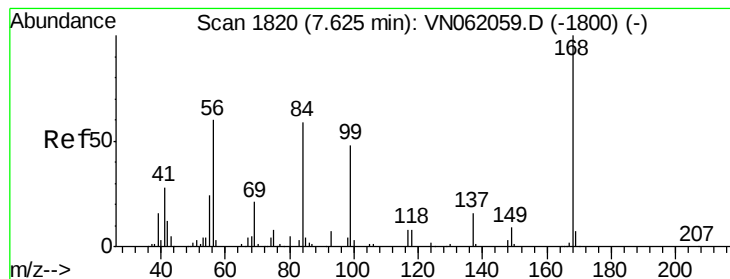
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062158.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

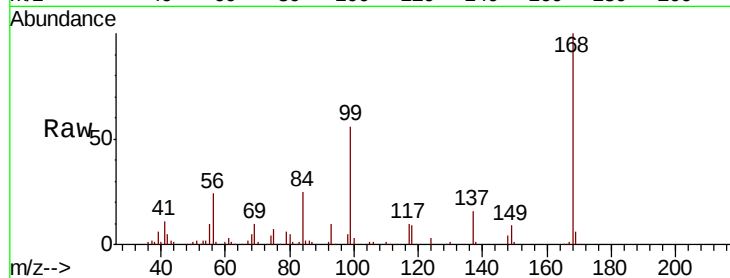
VN0626WBSD02

Tot Ion:168 Resp: 239056

Ion Ratio Lower Upper

168 100

99 56.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

60000

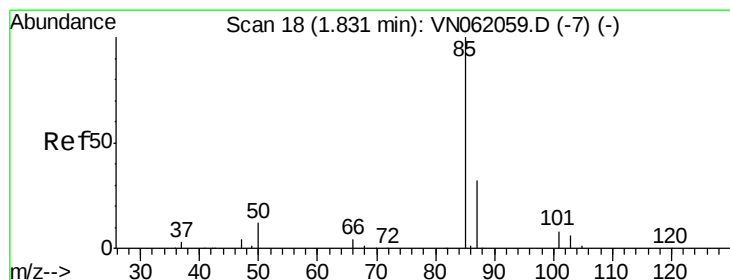
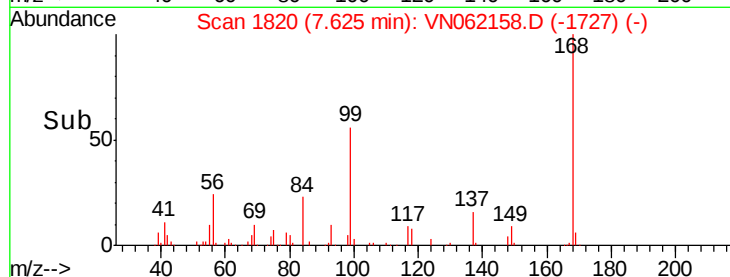
40000

20000

0

Time-->

7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.122 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062158.D

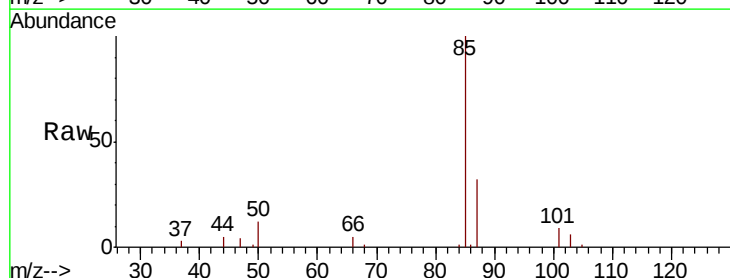
Acq: 26 Jun 2020 23:27

Tgt Ion: 85 Resp: 46265

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

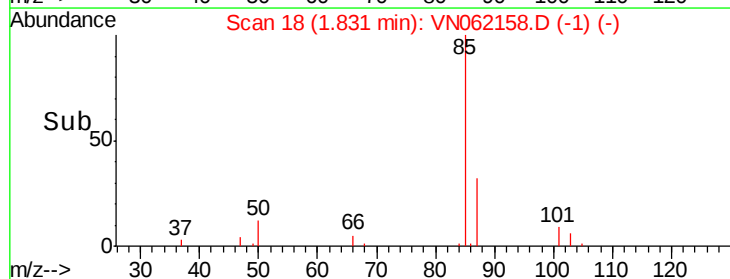
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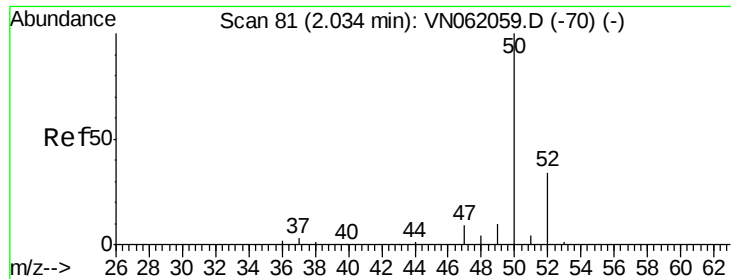
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Time-->

1.80 1.85 1.90





#3

Chloromethane

Concen: 18.753 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

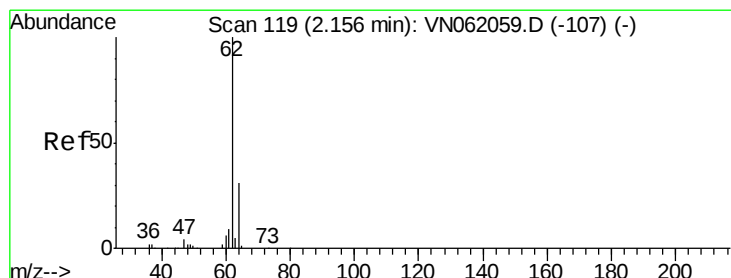
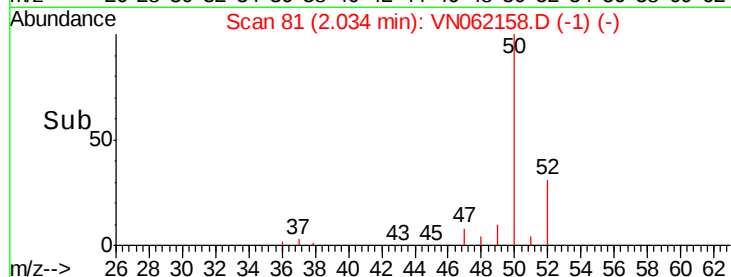
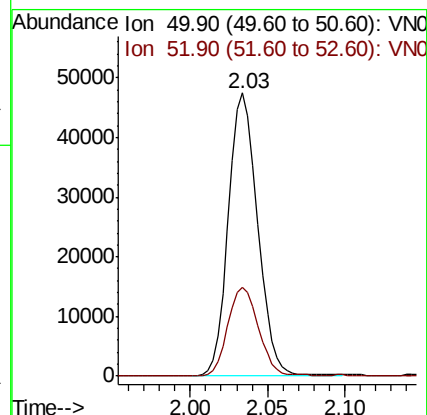
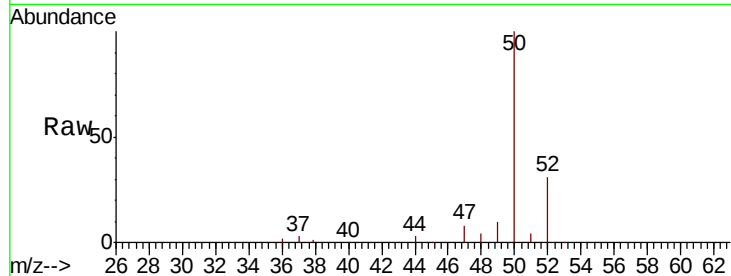
VN0626WBSD02

Tot Ion: 50 Resp: 62315

Ion Ratio Lower Upper

50 100

52 31.4 27.0 40.6



#4

Vinyl Chloride

Concen: 17.116 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062158.D

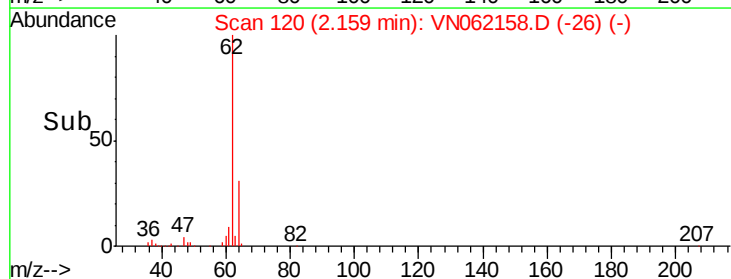
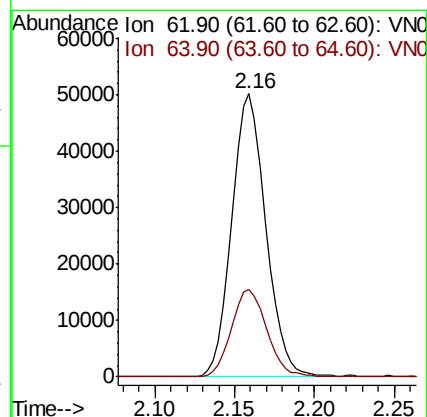
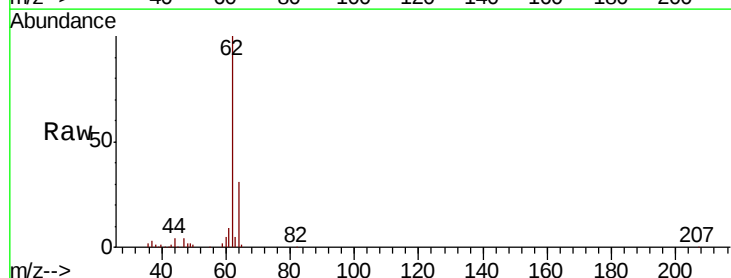
Acq: 26 Jun 2020 23:27

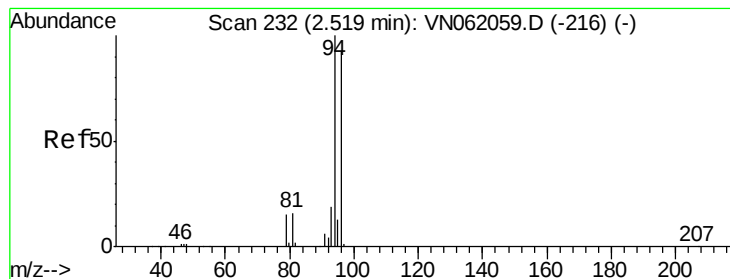
Tgt Ion: 62 Resp: 72833

Ion Ratio Lower Upper

62 100

64 30.8 25.1 37.7





#5

Bromomethane

Concen: 18.880 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

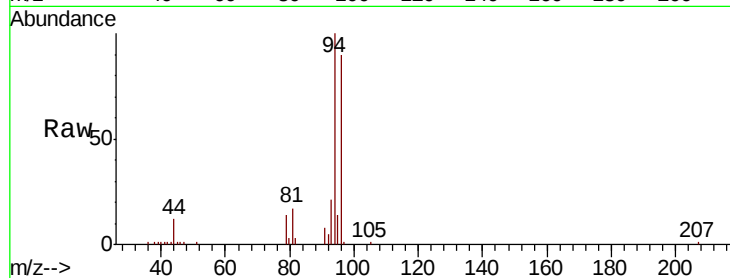
VN0626WBSD02

Tot Ion: 94 Resp: 51924

Ion Ratio Lower Upper

94 100

96 89.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062158.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062158.D (-139) (-)

2.53

25000

20000

15000

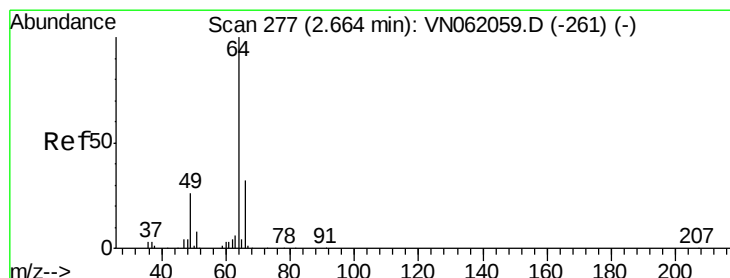
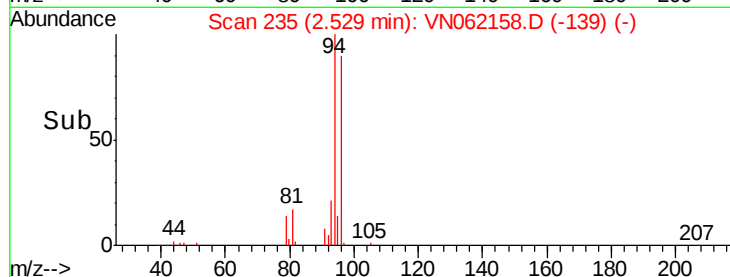
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 17.074 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062158.D

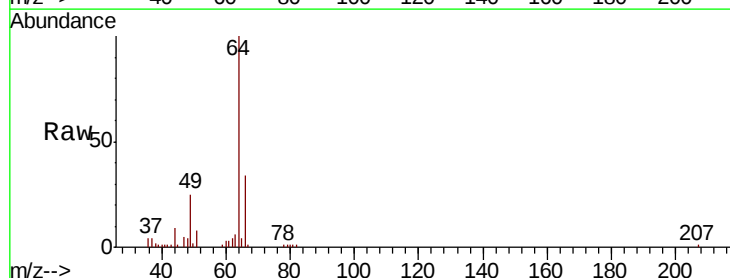
Acq: 26 Jun 2020 23:27

Tgt Ion: 64 Resp: 49632

Ion Ratio Lower Upper

64 100

66 34.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062158.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062158.D (-184) (-)

2.67

25000

20000

15000

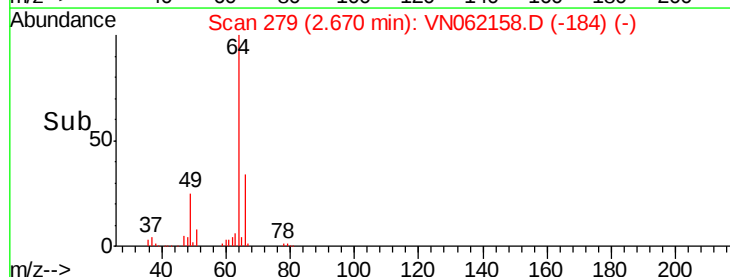
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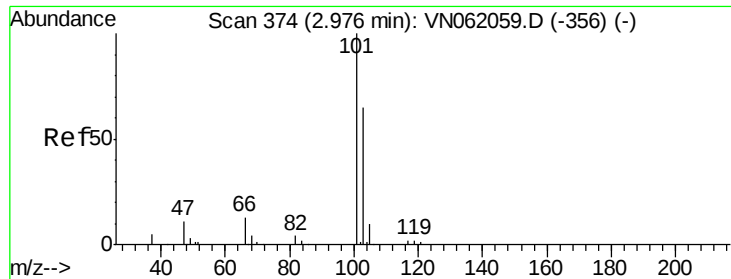
5000

0

Time-->

2.60 2.65 2.70 2.75



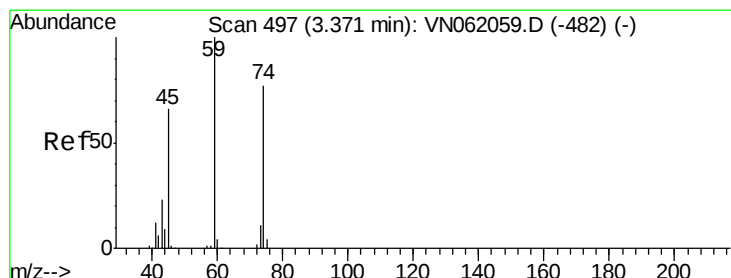
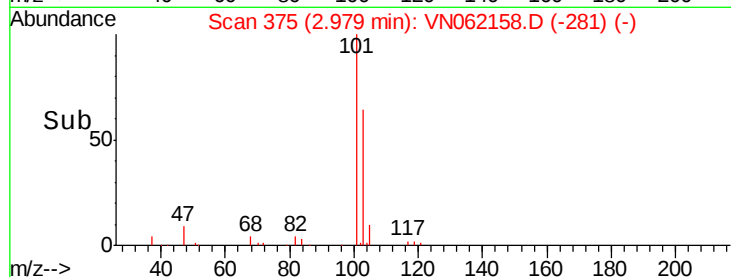
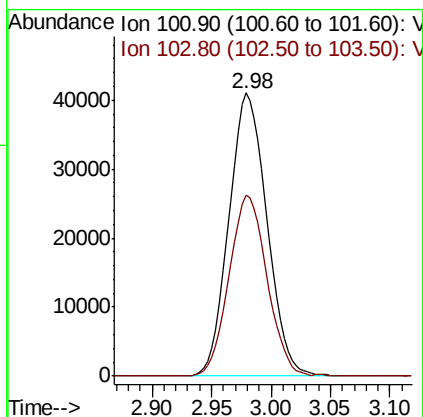
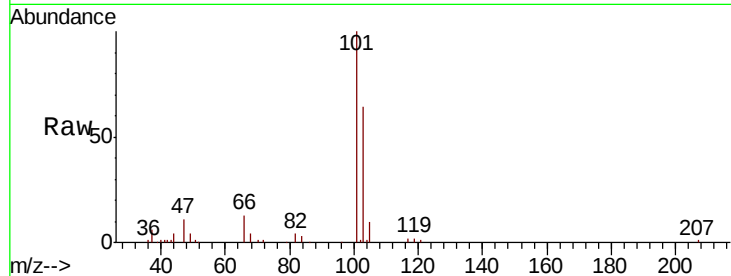


#7

Trichlorofluoromethane
Concen: 17.334 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Instrument :
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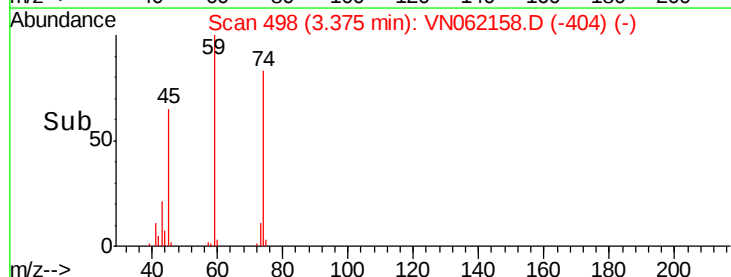
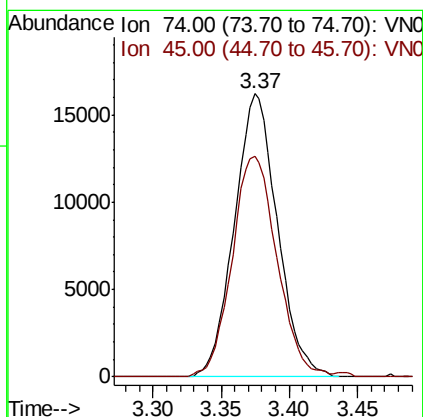
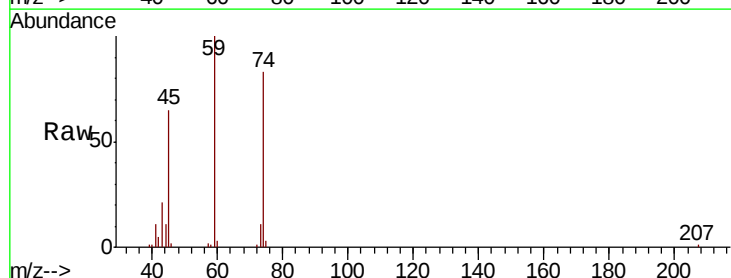
Tot Ion:101 Resp: 90887
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.6

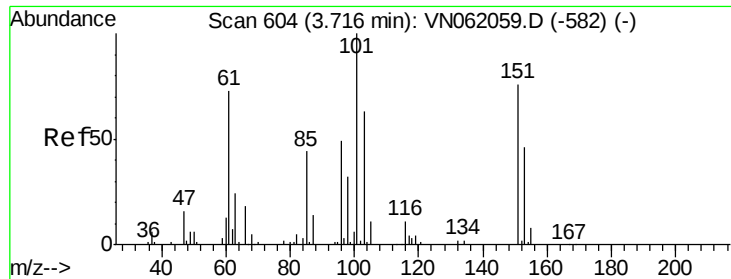


#8

Diethyl Ether
Concen: 19.362 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion: 74 Resp: 35450
Ion Ratio Lower Upper
74 100
45 81.4 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.019 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

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VN0626WBSD02

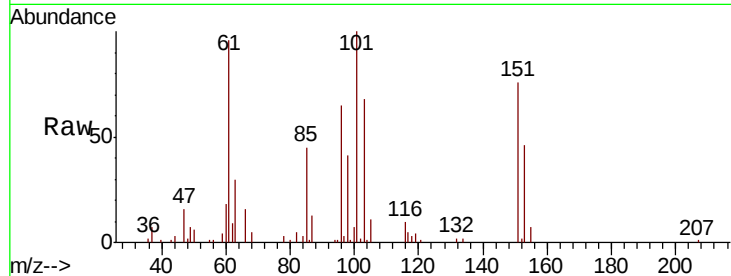
Tot Ion:101 Resp: 46731

Ion Ratio Lower Upper

101 100

85 45.5 34.5 51.7

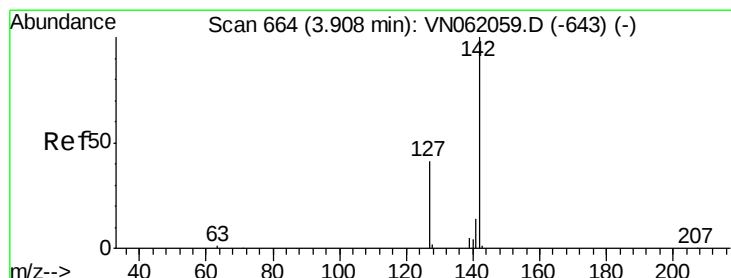
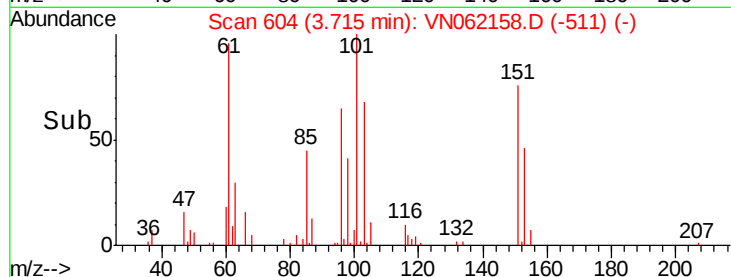
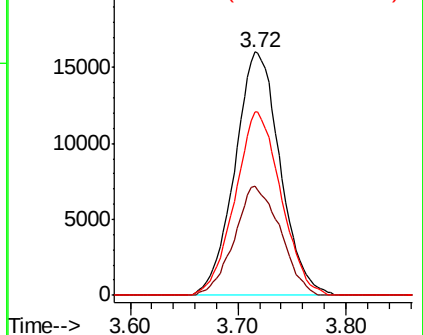
151 76.6 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.920 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

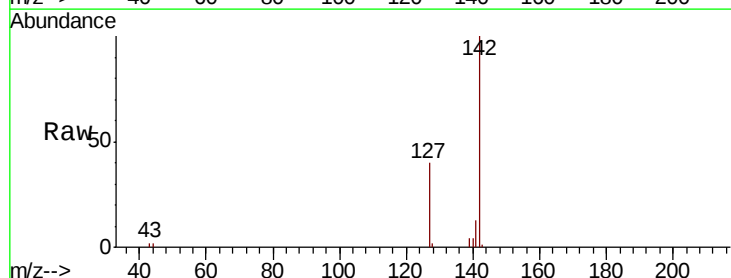
Tgt Ion:142 Resp: 58507

Ion Ratio Lower Upper

142 100

127 41.8 33.6 50.4

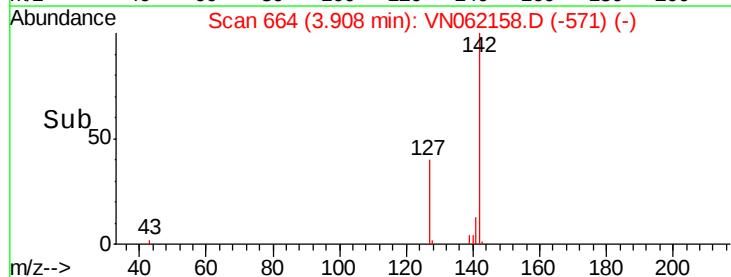
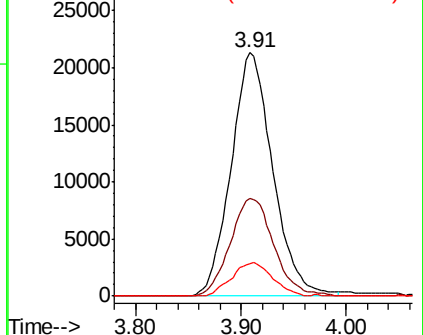
141 13.5 11.3 16.9

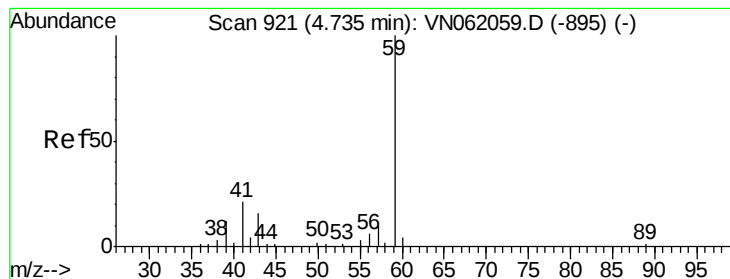


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



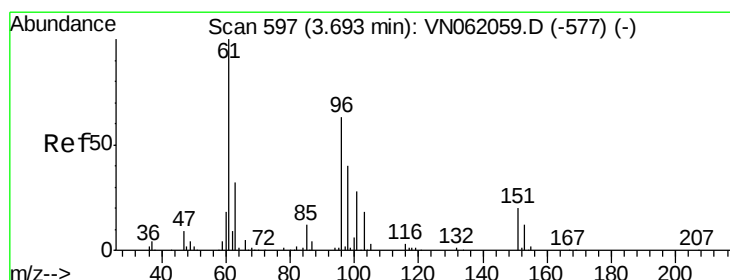
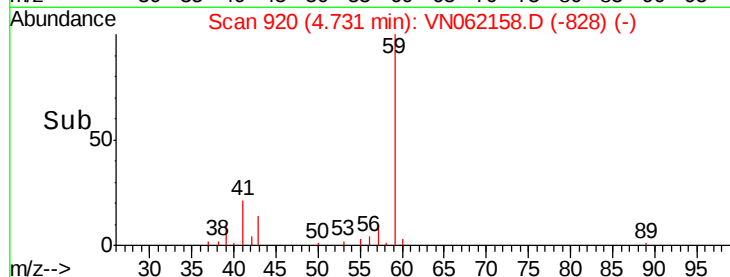
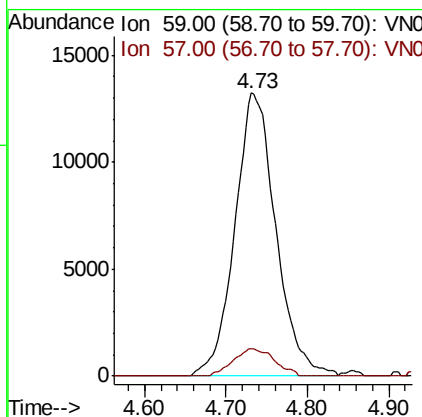
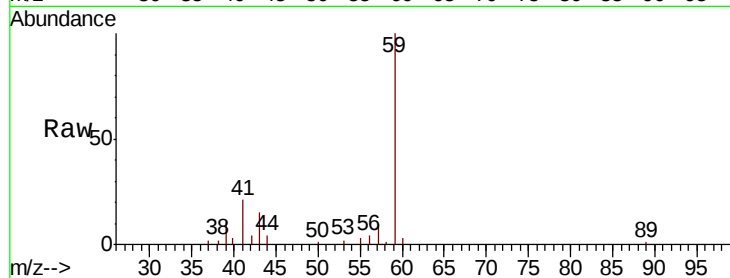


#11

Tert butyl alcohol
 Concen: 95.632 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

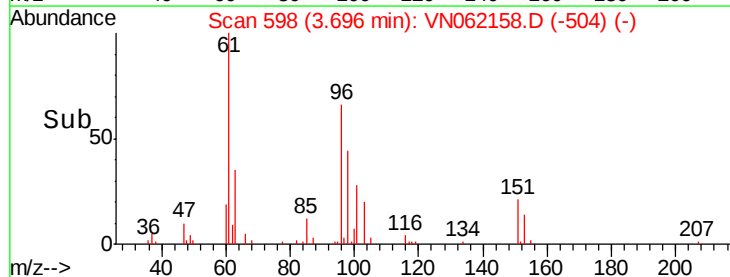
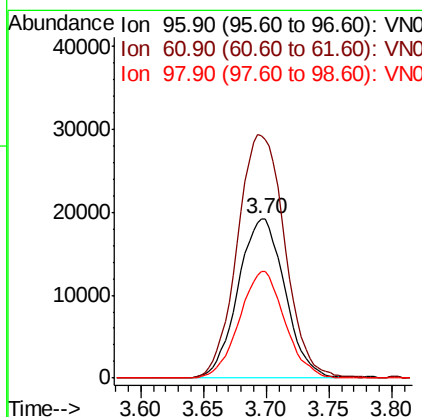
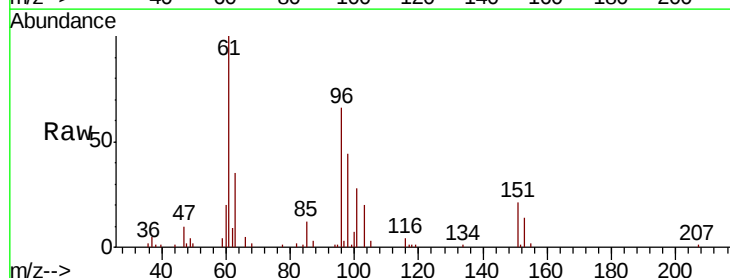
Tot Ion: 59 Resp: 46063
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.3 12.5

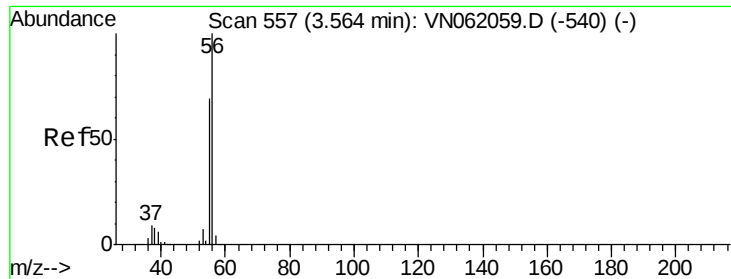


#12

1,1-Dichloroethene
 Concen: 18.248 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Tgt Ion: 96 Resp: 50089
 Ion Ratio Lower Upper
 96 100
 61 152.1 126.7 190.1
 98 67.1 51.0 76.4





#13

Acrolein

Concen: 74.112 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

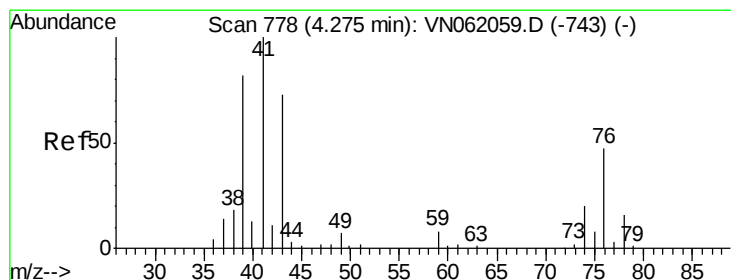
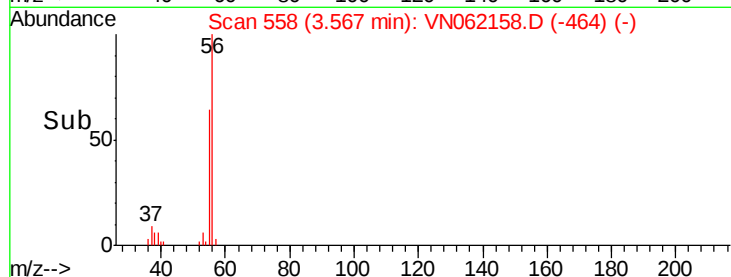
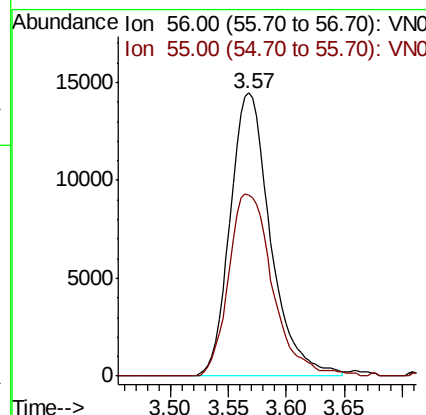
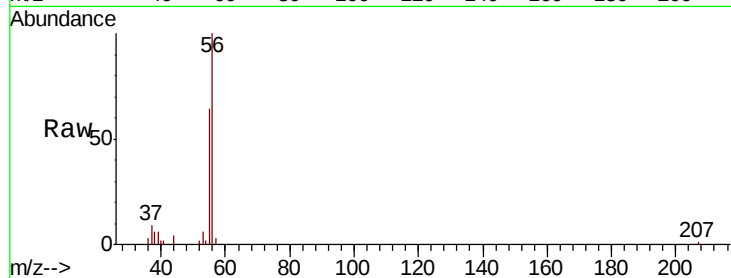
VN0626WBSD02

Tot Ion: 56 Resp: 34950

Ion Ratio Lower Upper

56 100

55 68.8 55.5 83.3



#14

Allyl chloride

Concen: 18.196 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

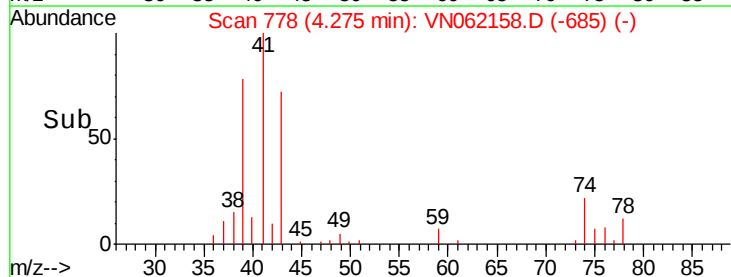
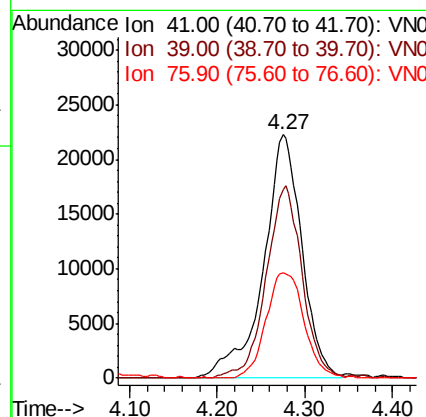
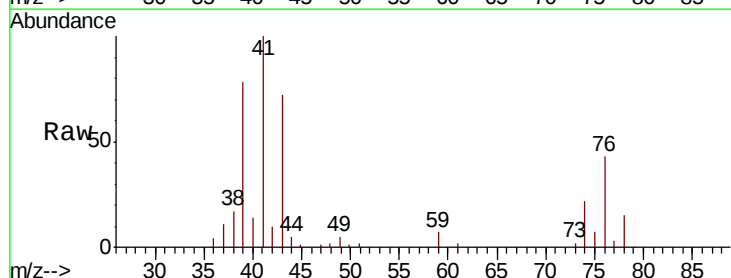
Tgt Ion: 41 Resp: 68002

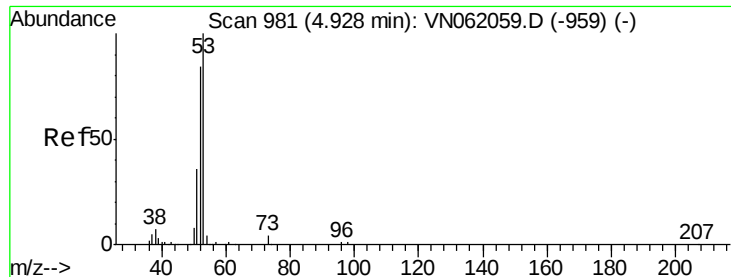
Ion Ratio Lower Upper

41 100

39 73.7 60.0 90.0

76 42.6 34.1 51.1





#15

Acrylonitrile

Concen: 93.179 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

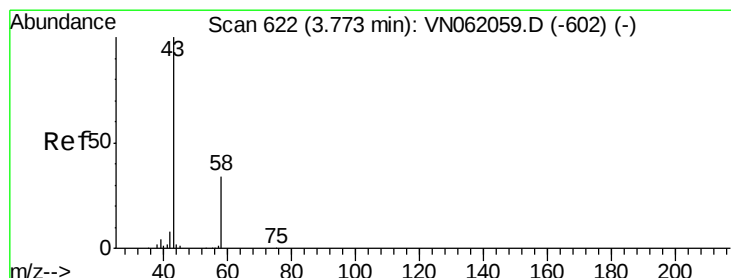
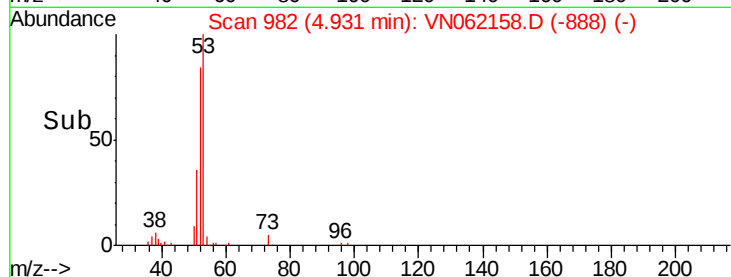
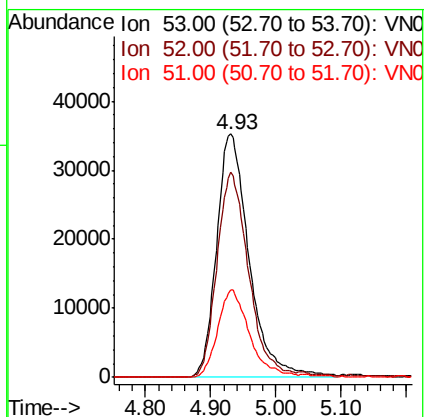
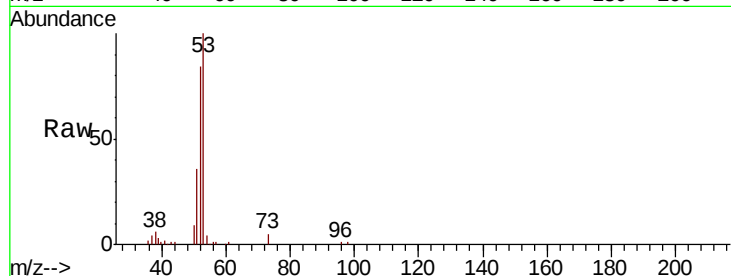
Tot Ion: 53 Resp: 122304

Ion Ratio Lower Upper

53 100

52 81.3 66.2 99.4

51 35.2 28.9 43.3



#16

Acetone

Concen: 89.261 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062158.D

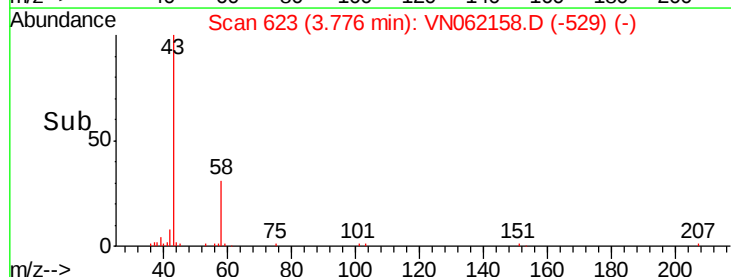
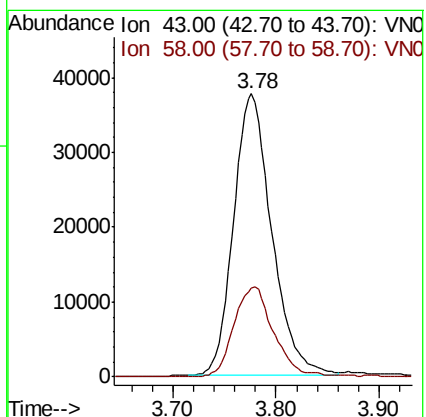
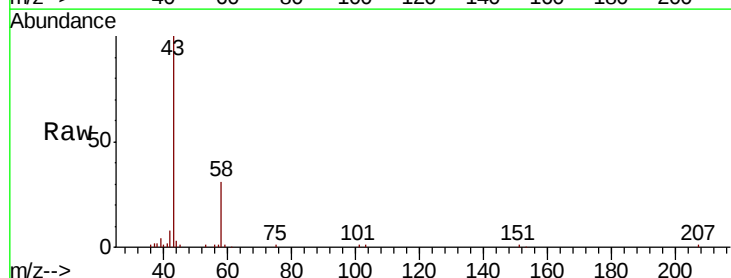
Acq: 26 Jun 2020 23:27

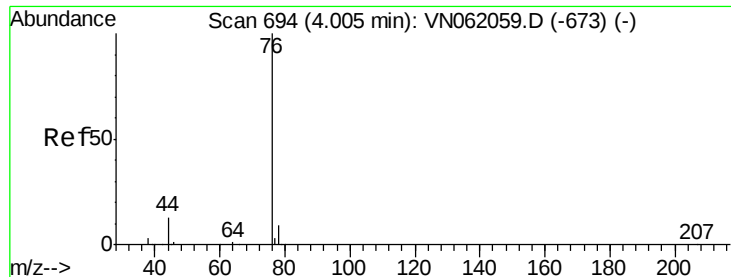
Tgt Ion: 43 Resp: 96735

Ion Ratio Lower Upper

43 100

58 31.5 27.5 41.3

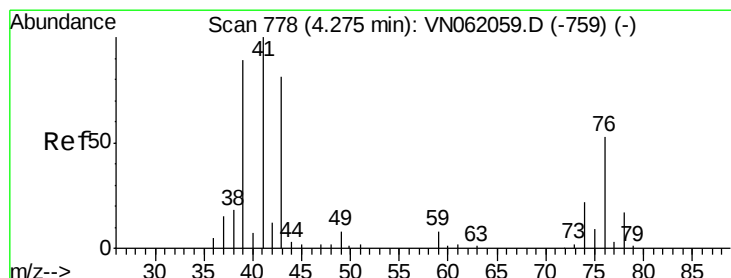
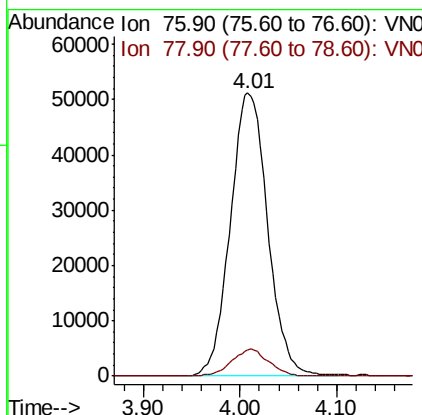
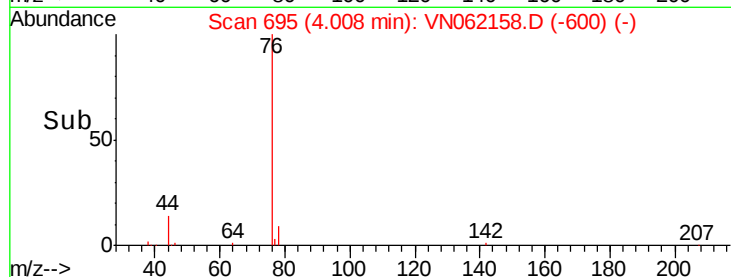
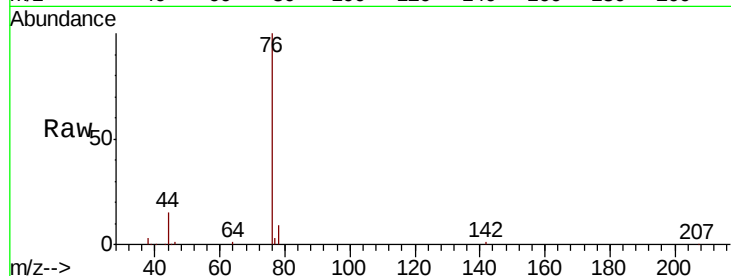




#17
Carbon Disulfide
Concen: 17.523 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

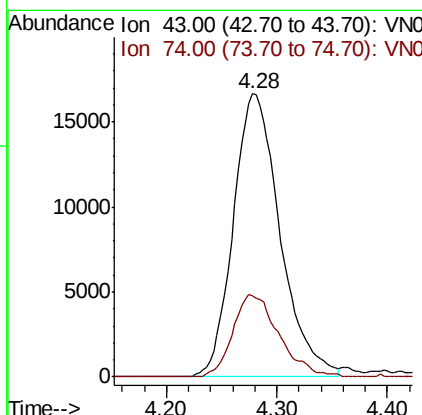
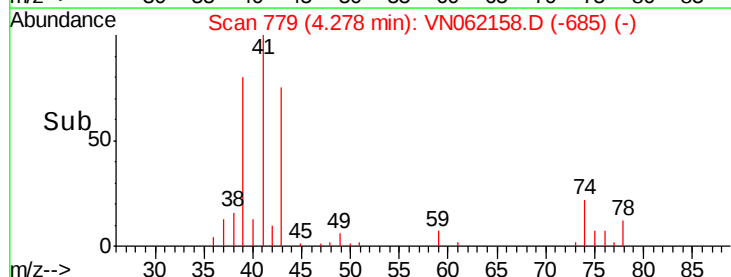
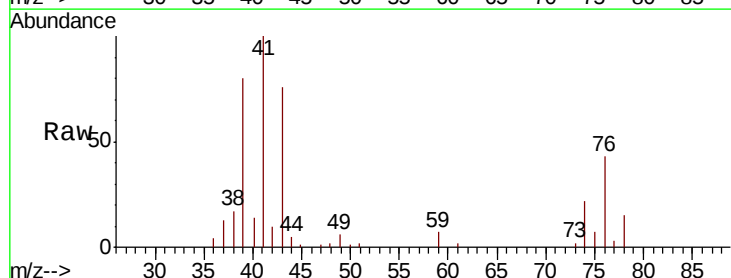
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tot Ion: 76 Resp: 137511
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 18.350 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion: 43 Resp: 48935
Ion Ratio Lower Upper
43 100
74 28.7 22.9 34.3

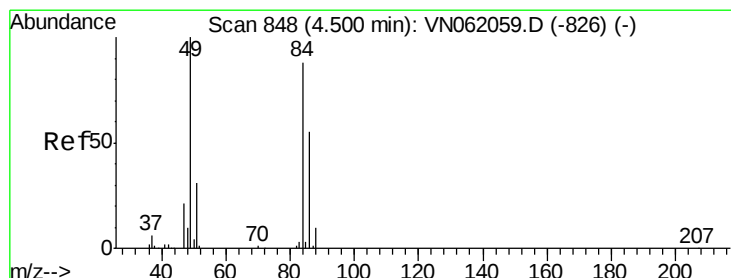
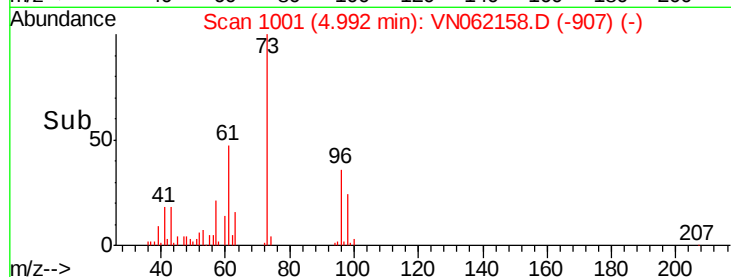
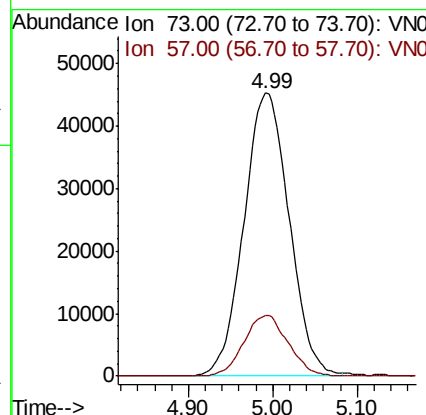
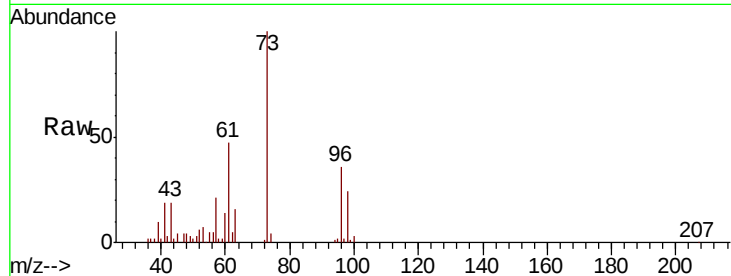




#19
Methvl tert-butvl Ether
Concen: 19.280 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

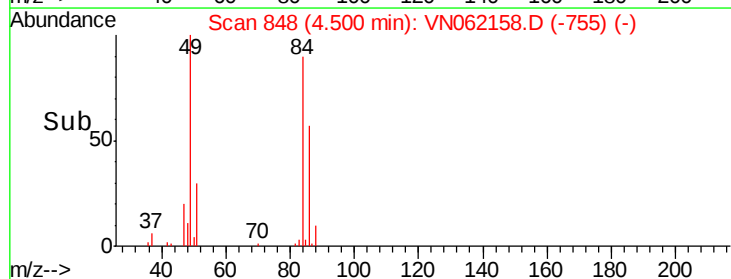
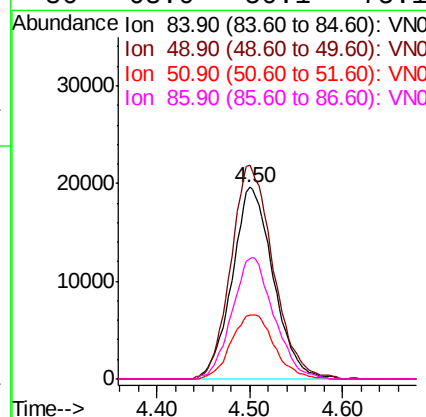
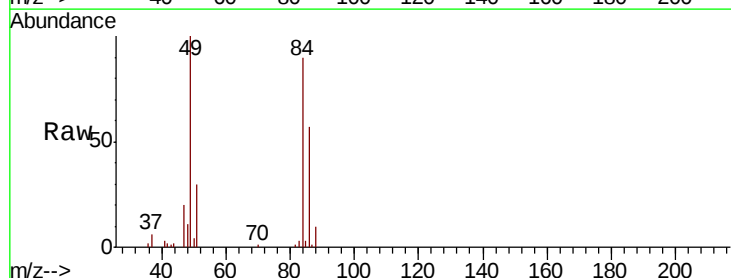
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tot Ion: 73 Resp: 169106
Ion Ratio Lower Upper
73 100
57 21.5 16.6 24.8



#20
Methylene Chloride
Concen: 19.449 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion: 84 Resp: 60303
Ion Ratio Lower Upper
84 100
49 111.5 90.6 136.0
51 33.5 27.8 41.8
86 63.0 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.614 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

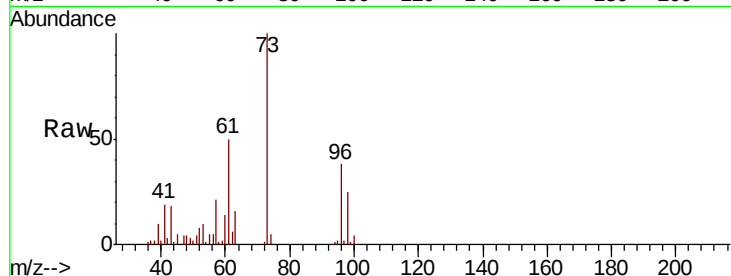
Tot Ion: 96 Resp: 55081

Ion Ratio Lower Upper

96 100

61 130.2 101.4 152.2

98 63.8 49.3 73.9

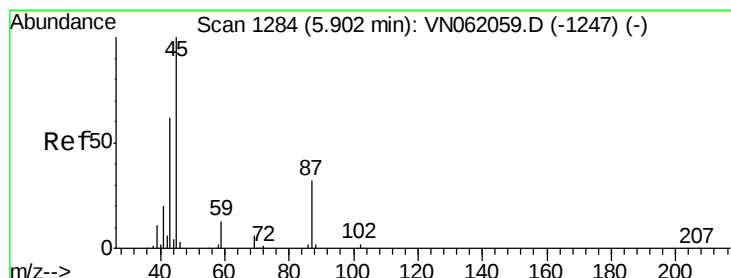
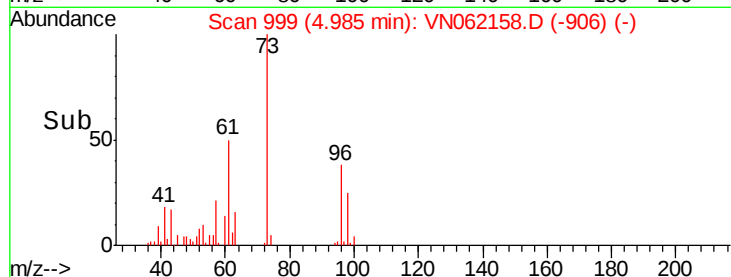
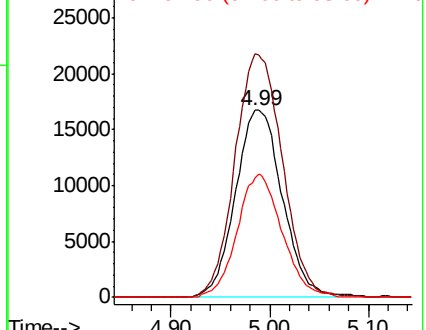


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.575 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Tgt Ion: 45 Resp: 158063

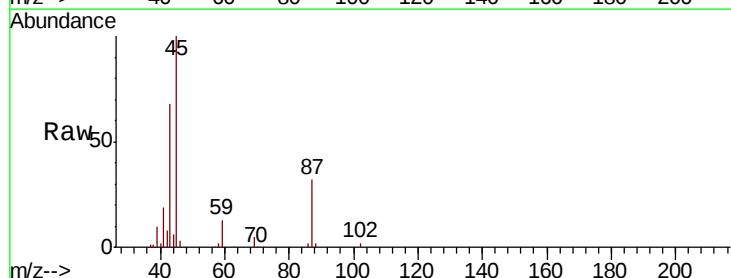
Ion Ratio Lower Upper

45 100

43 65.5 49.7 74.5

87 31.9 25.9 38.9

59 13.2 10.6 16.0



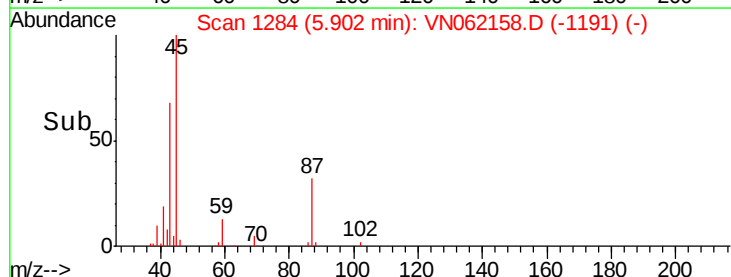
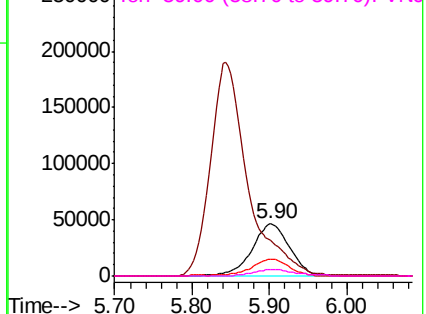
Abundance

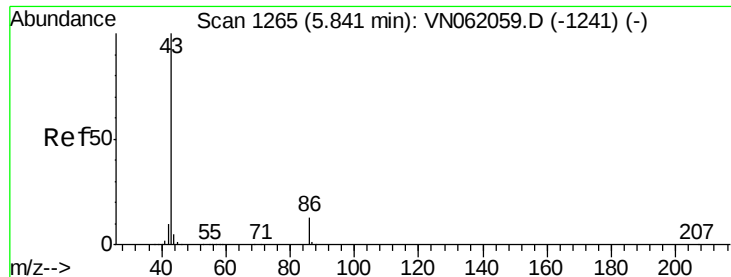
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 92.349 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

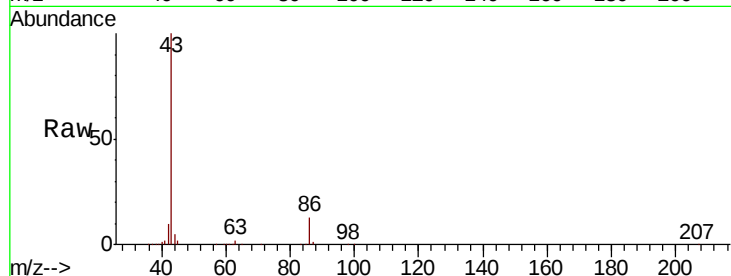
VN0626WBSD02

Tot Ion: 43 Resp: 641578

Ion Ratio Lower Upper

43 100

86 12.9 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062158.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062158.D (-1172) (-)

5.84

200000

150000

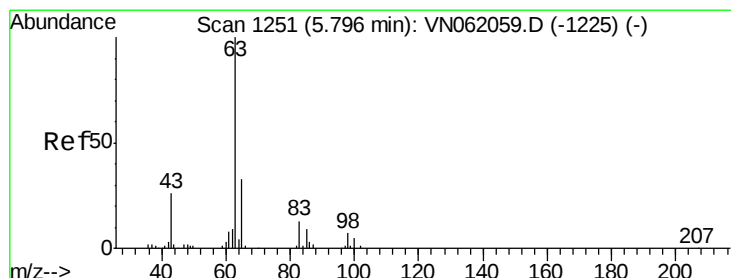
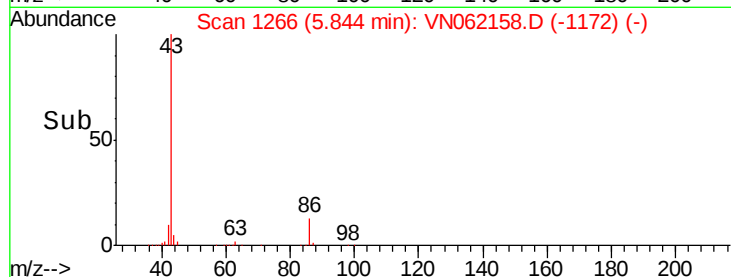
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.984 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

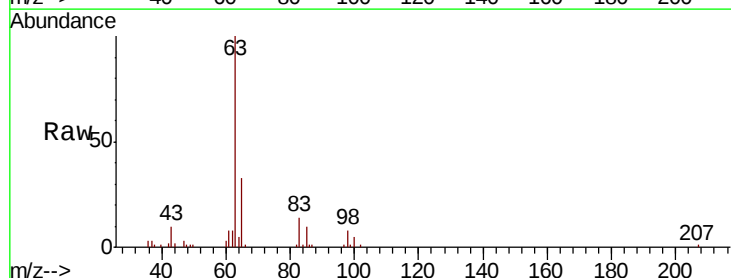
Tgt Ion: 63 Resp: 98540

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062158.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062158.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062158.D (-1158) (-)

5.79

40000

30000

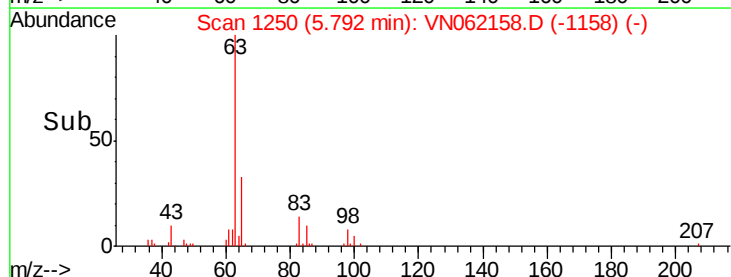
20000

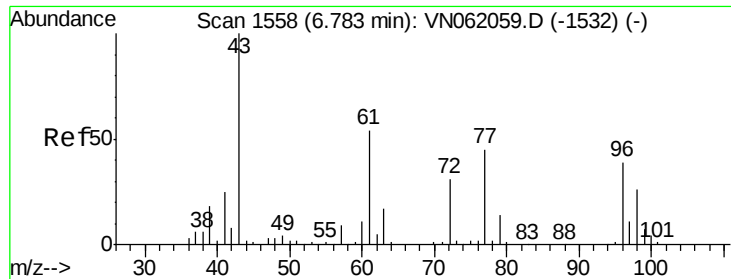
10000

0

5.70 5.80 5.90

Time-->

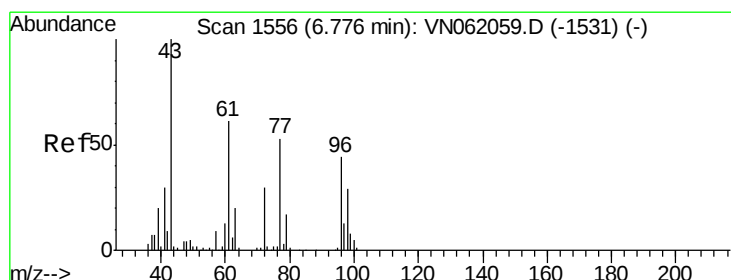
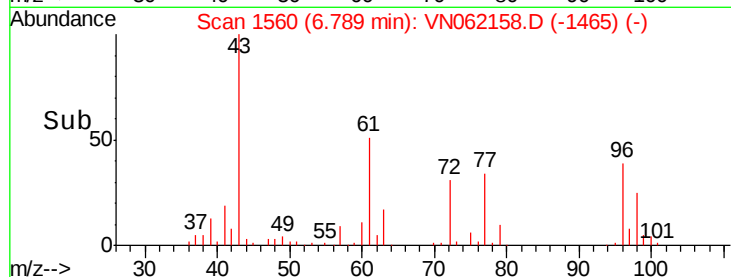
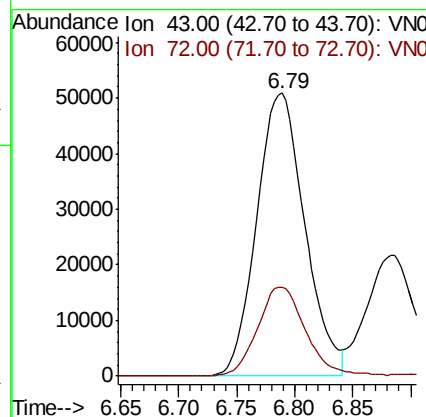
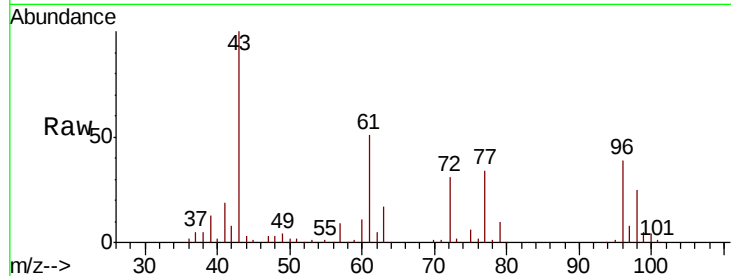




#25
2-Butanone
Concen: 89.842 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

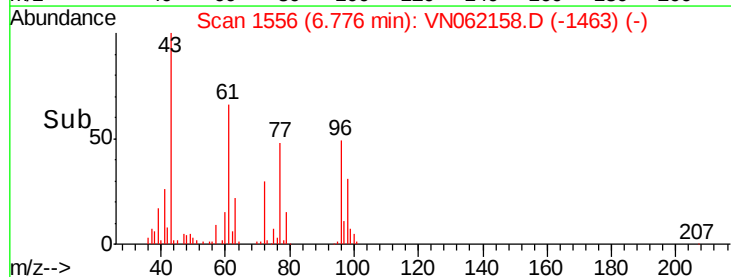
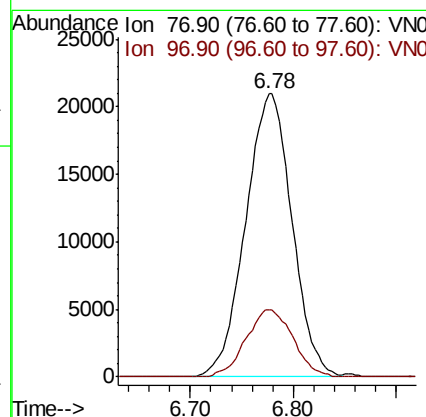
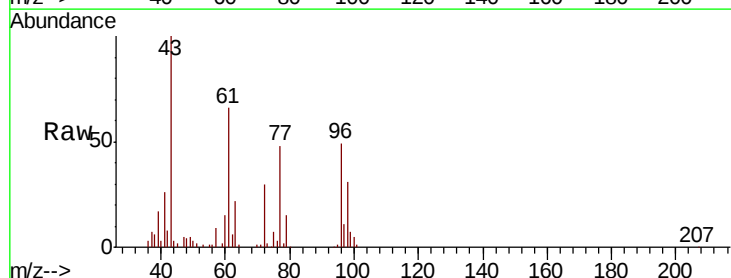
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

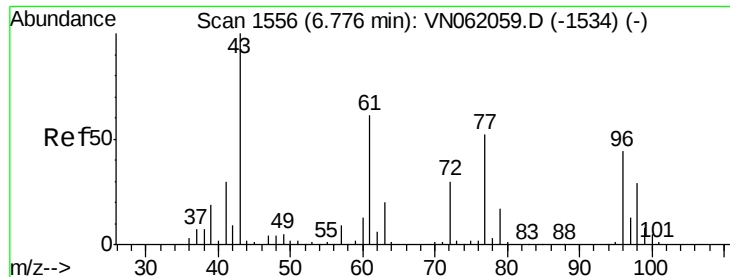
Tot Ion: 43 Resp: 147319
Ion Ratio Lower Upper
43 100
72 31.4 24.8 37.2



#26
2,2-Dichloropropane
Concen: 14.329 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion: 77 Resp: 65427
Ion Ratio Lower Upper
77 100
97 24.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.360 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

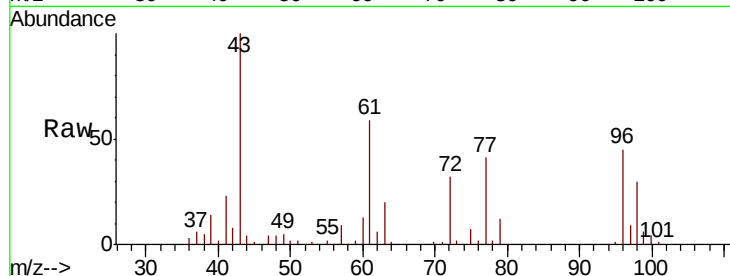
Tot Ion: 96 Resp: 64604

Ion Ratio Lower Upper

96 100

61 135.8 0.0 280.4

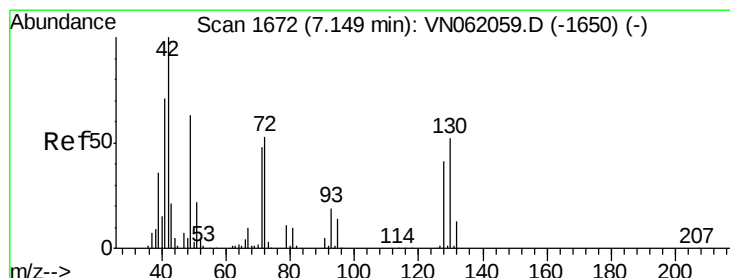
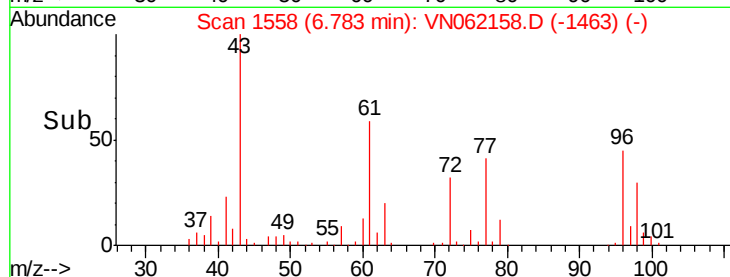
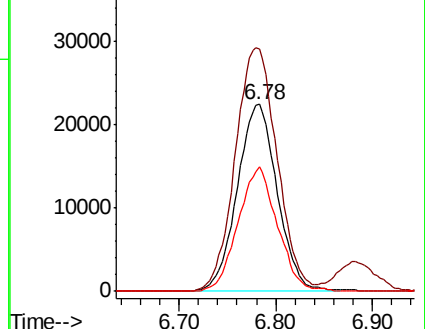
98 65.0 0.0 129.4



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: 17.631 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

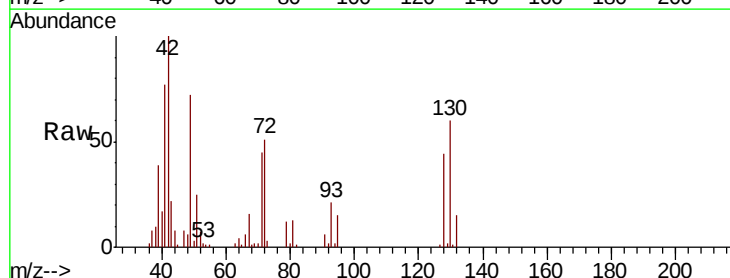
Tgt Ion: 49 Resp: 41917

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

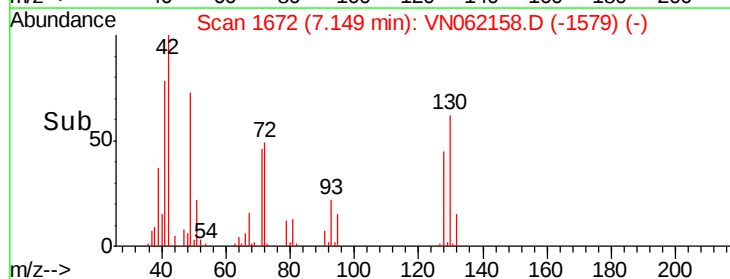
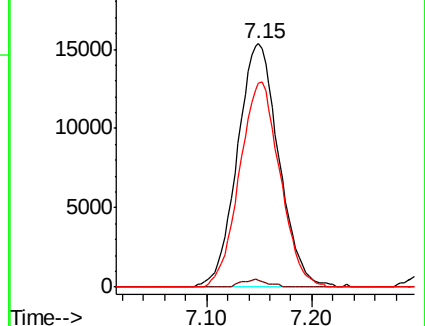
130 82.1 65.5 98.3

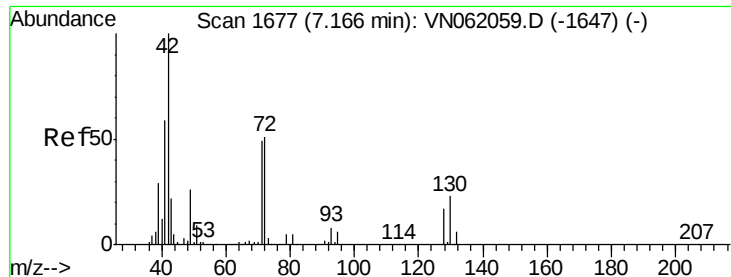


Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

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

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

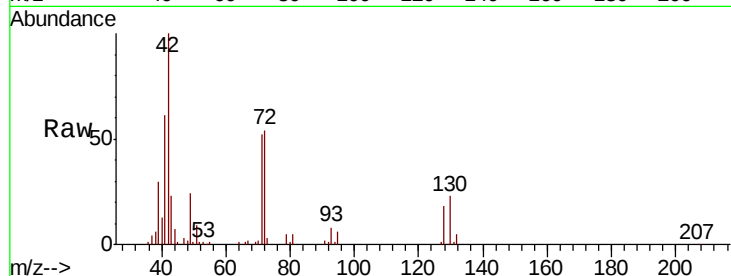




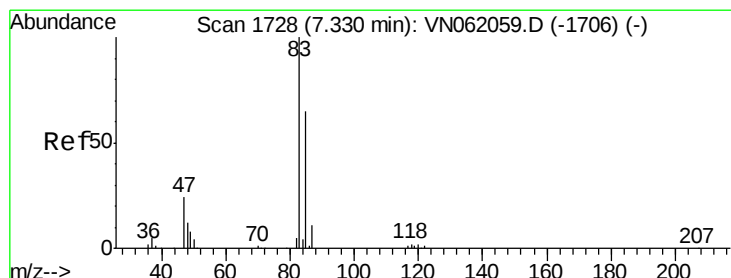
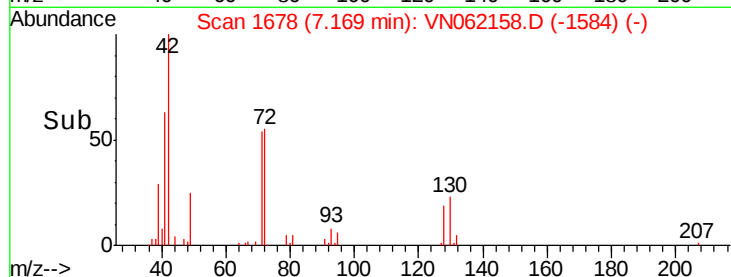
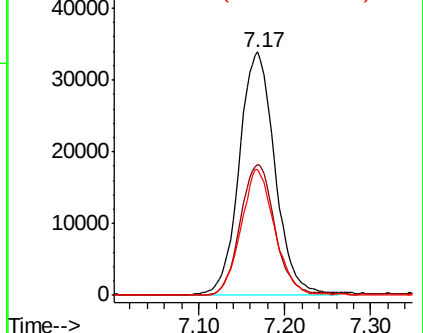
#29
Tetrahydrofuran
Concen: 91.383 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tot Ion: 42 Resp: 98156
Ion Ratio Lower Upper
42 100
72 52.6 41.1 61.7
71 48.8 38.2 57.4

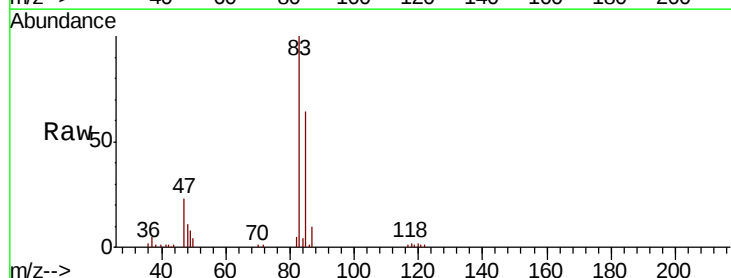


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

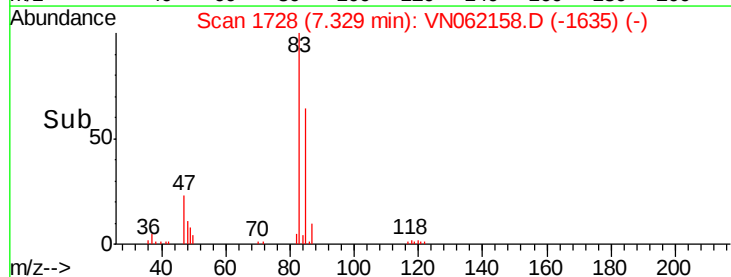
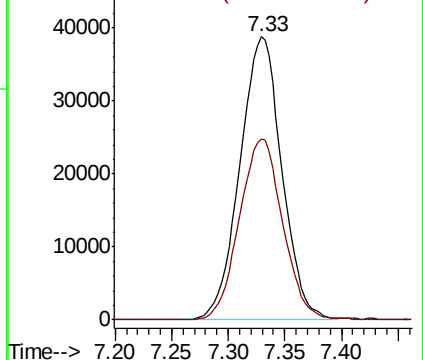


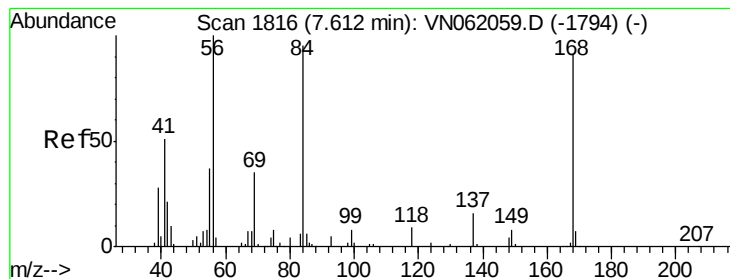
#30
Chloroform
Concen: 17.950 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion: 83 Resp: 100069
Ion Ratio Lower Upper
83 100
85 63.7 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: 18.060 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

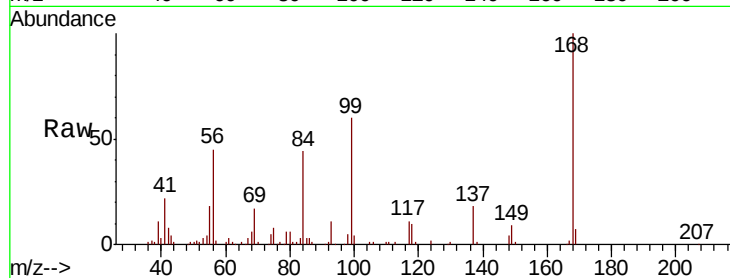
Tot Ion: 56 Resp: 83708

Ion Ratio Lower Upper

56 100

69 36.7 28.0 42.0

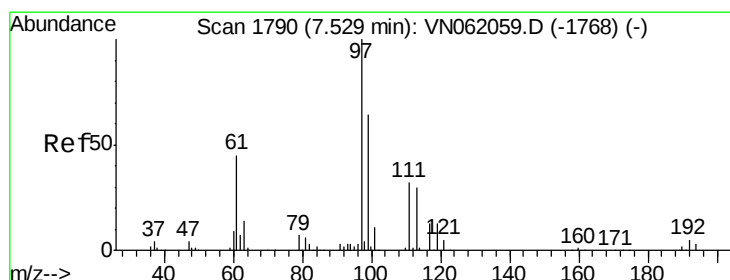
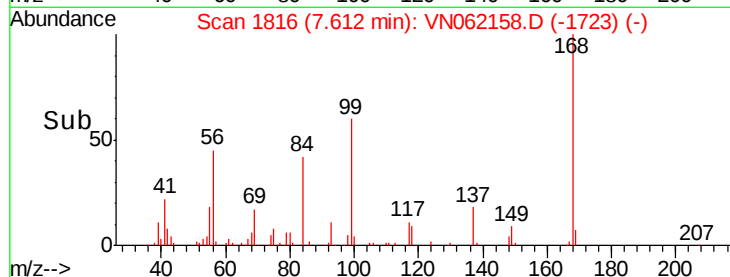
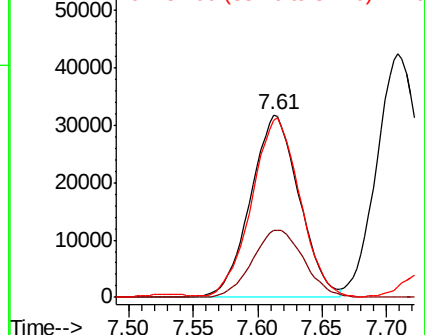
84 96.1 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062158.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062158.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062158.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 18.507 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

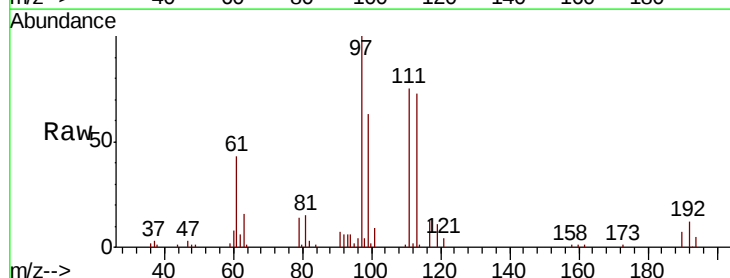
Tgt Ion: 97 Resp: 87012

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

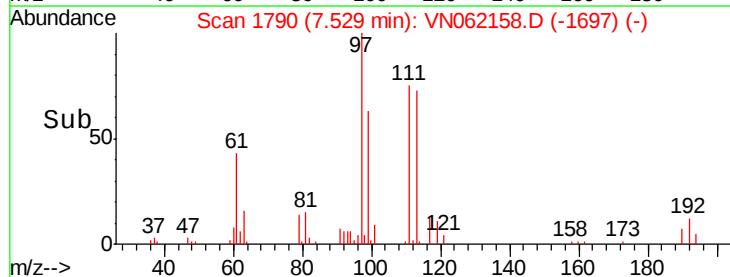
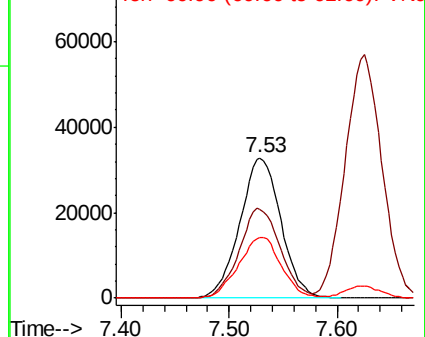
61 44.9 36.2 54.2

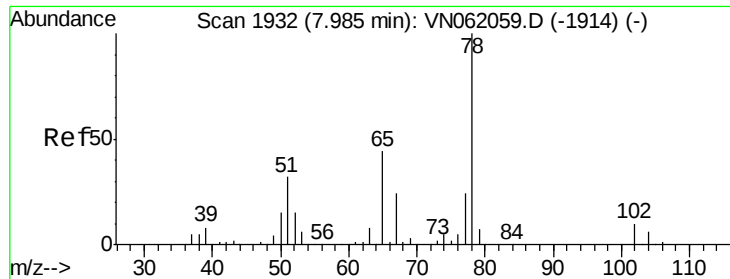


Abundance Ion 96.90 (96.60 to 97.60): VN062158.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062158.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062158.D (-1697) (-)

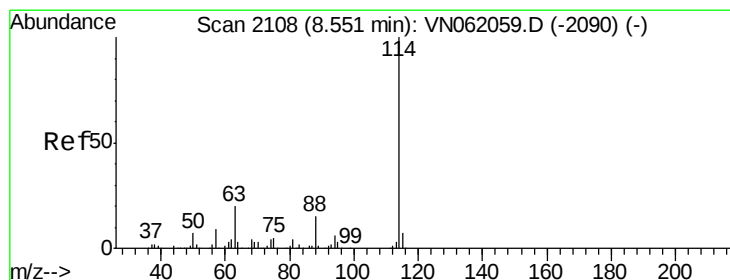
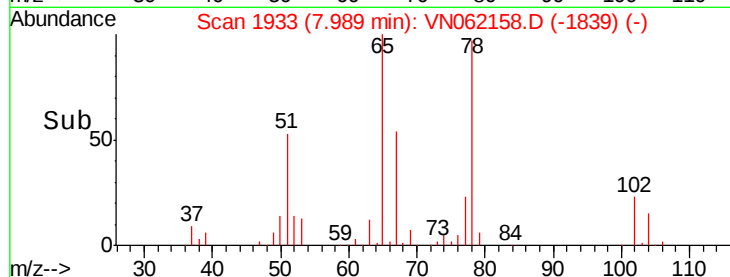
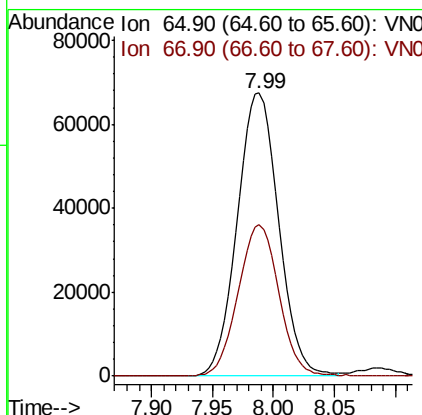
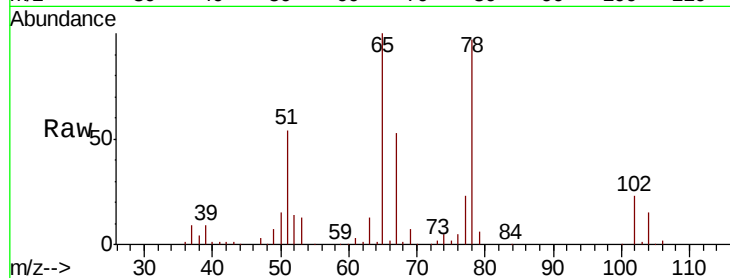




#33
 1,2-Dichloroethane-d4
 Concen: 47.265 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

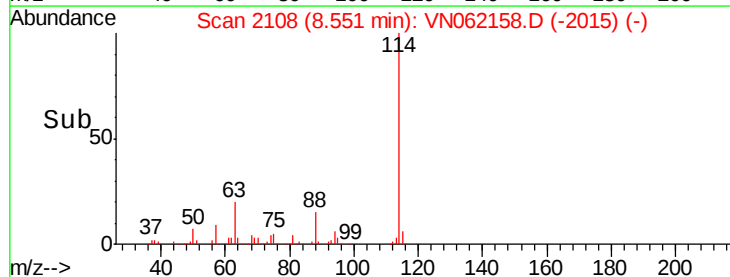
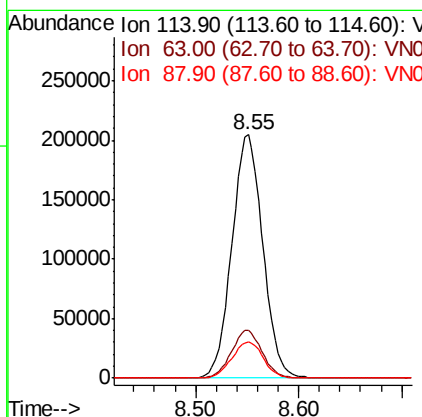
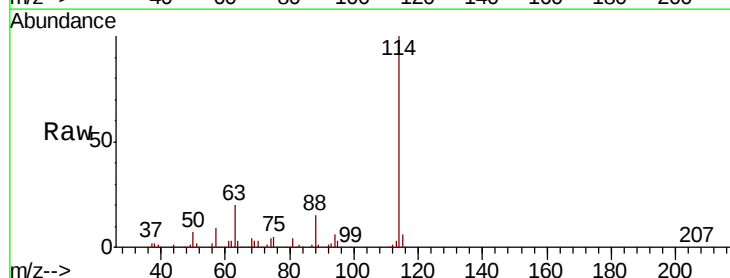
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

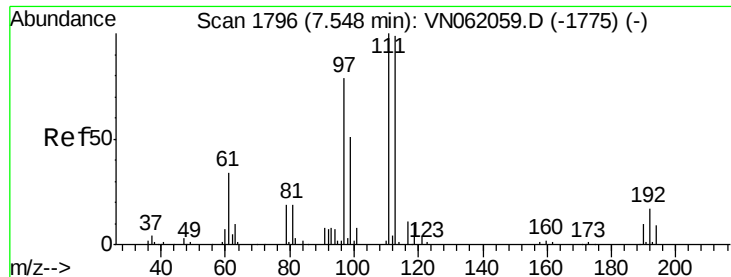
Tot Ion: 65 Resp: 158564
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Tgt Ion: 114 Resp: 427682
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 14.9 0.0 30.8

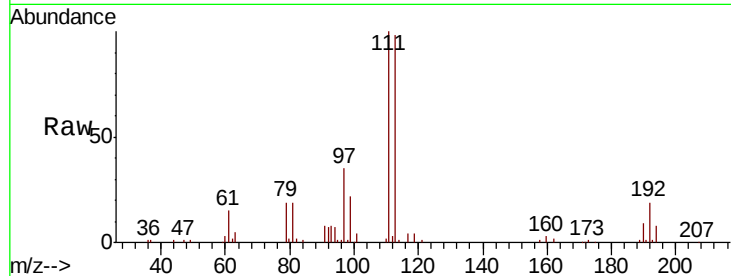




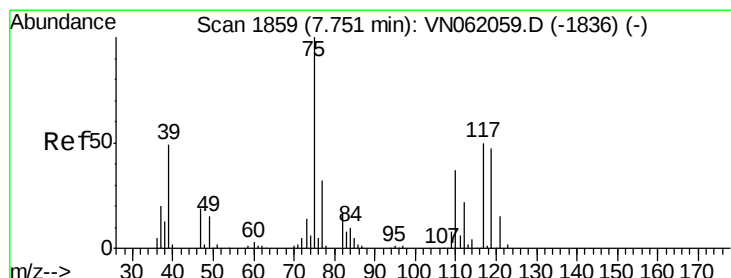
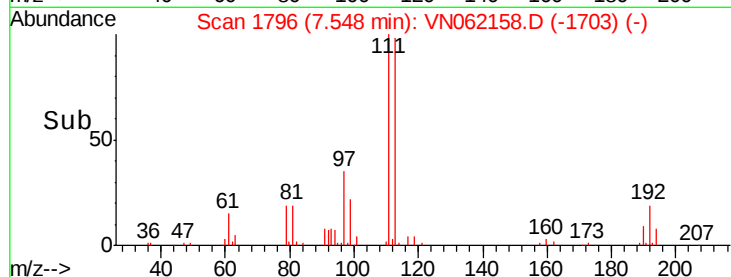
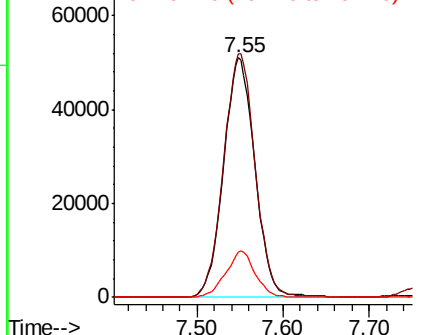
#35
 Dibromofluoromethane
 Concen: 47.026 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	18.2	14.0	21.0

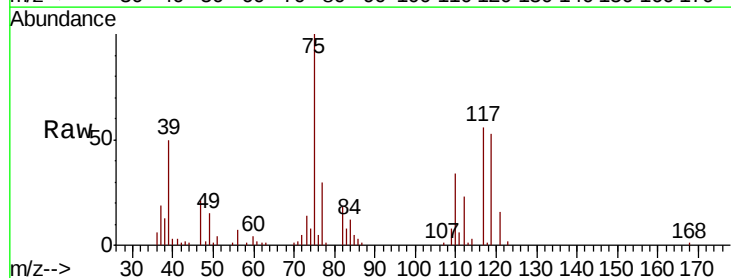


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

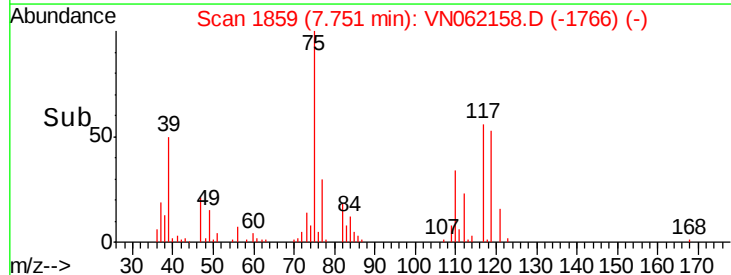
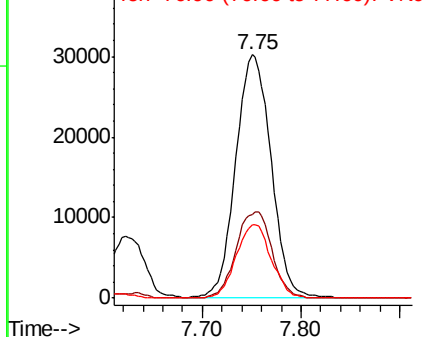


#36
 1,1-Dichloropropene
 Concen: 17.529 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.9	53.8
77	29.8	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

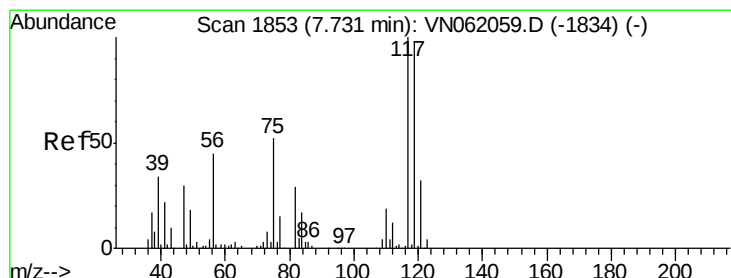
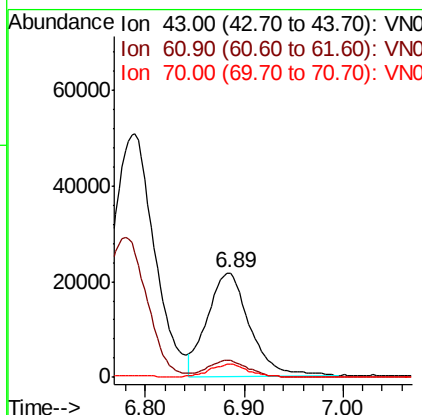
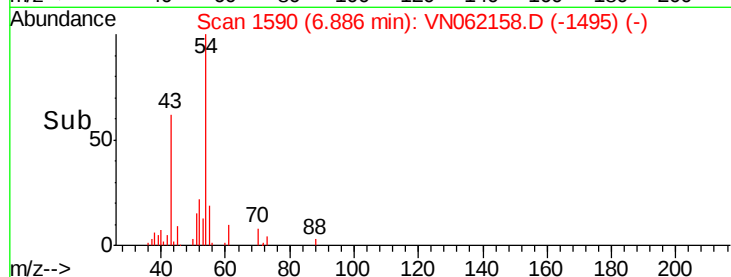
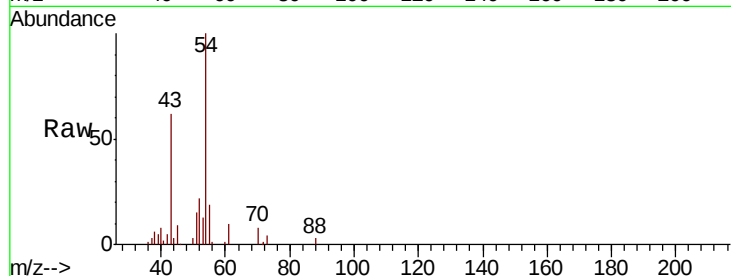




#37
Ethyl Acetate
Concen: 18.119 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.01 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

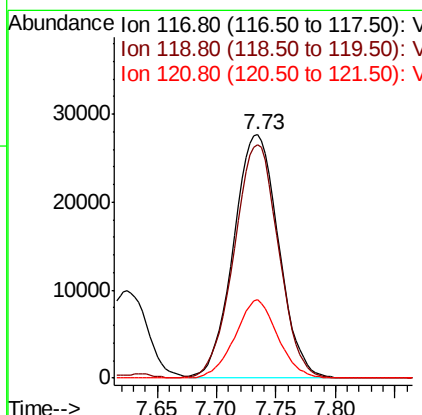
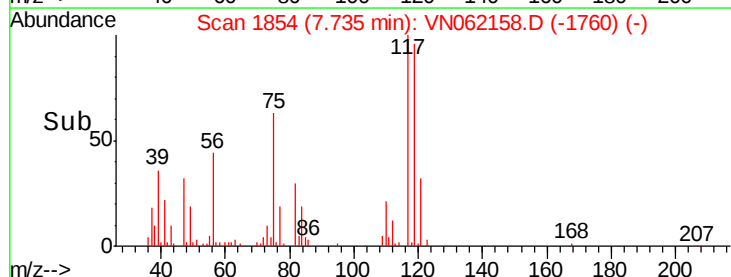
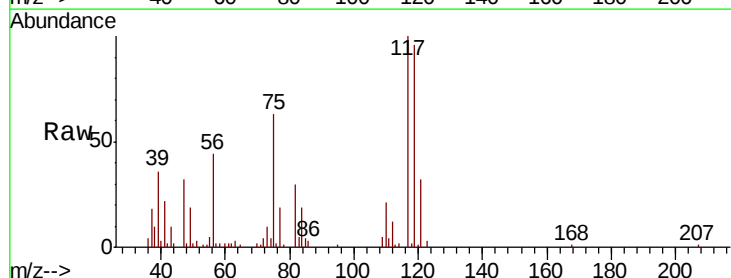
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

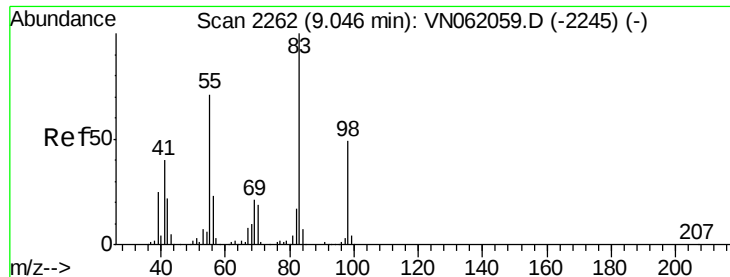
Tot Ion: 43 Resp: 64499
Ion Ratio Lower Upper
43 100
61 15.6 12.0 18.0
70 11.8 9.6 14.4



#38
Carbon Tetrachloride
Concen: 17.903 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion: 117 Resp: 72558
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.2
121 32.0 25.8 38.6

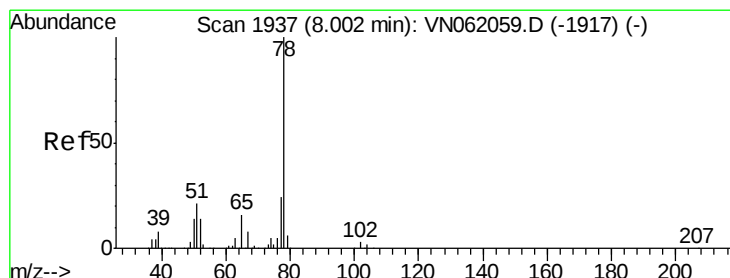
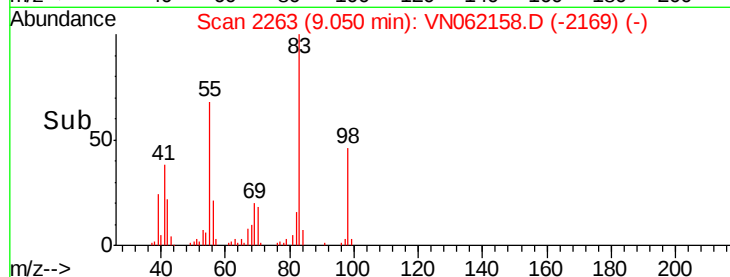
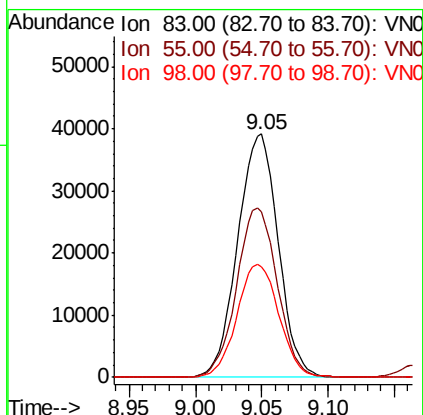
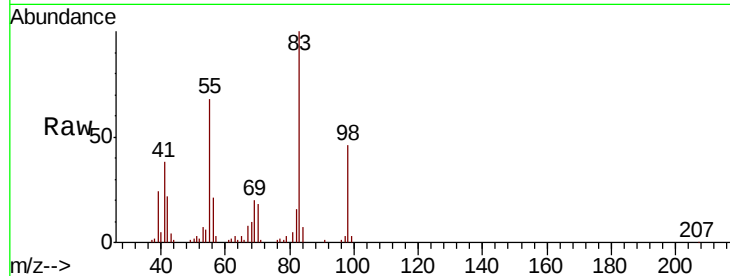




#39
Methvlcvclohexane
Concen: 17.682 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

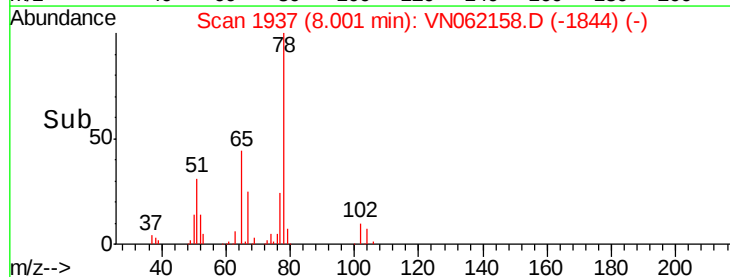
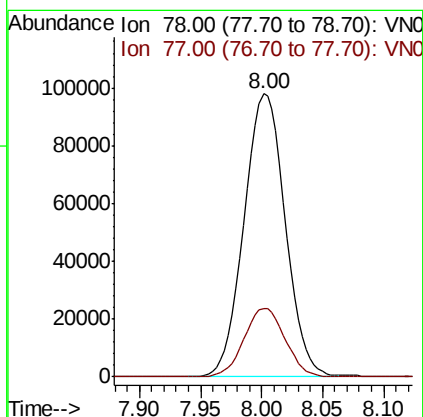
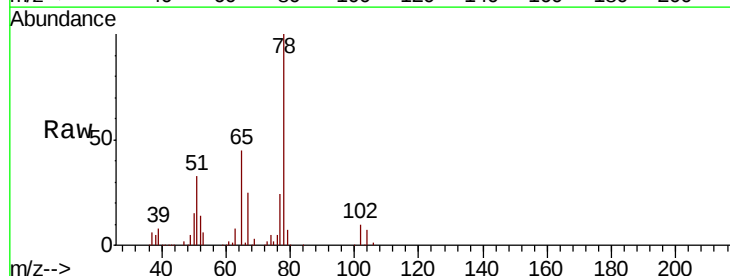
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

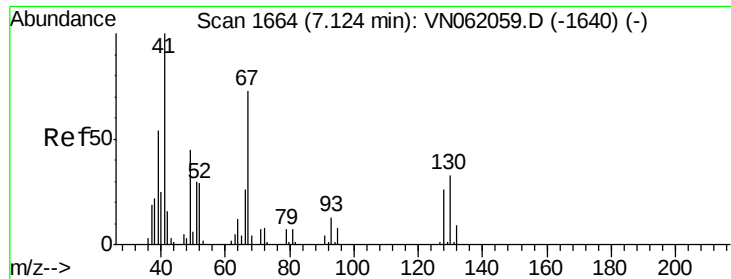
Tot Ion	83.00	Resp	83286
Ion Ratio	Lower	Upper	
83	100		
55	67.9	57.0	85.6
98	45.6	39.0	58.6



#40
Benzene
Concen: 17.510 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion	78.00	Resp	229431
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.5	29.3

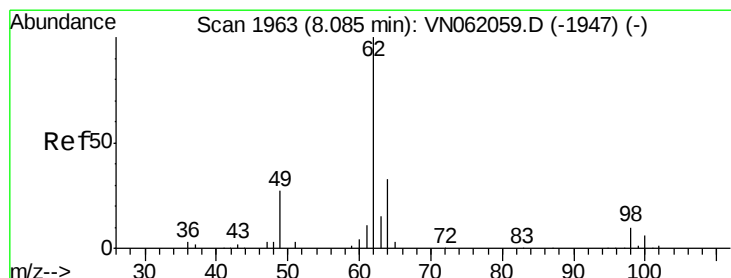
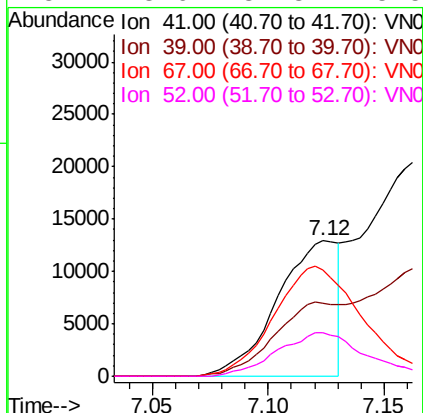
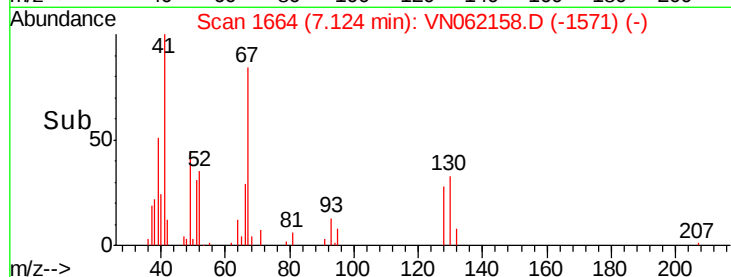
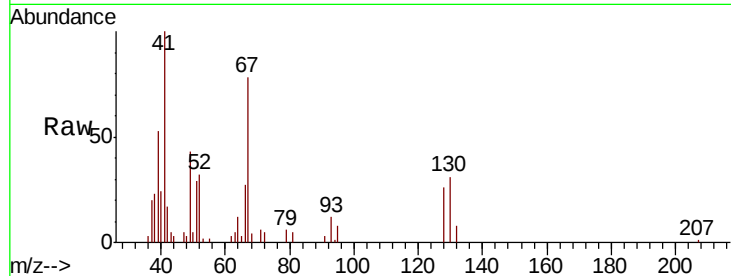




#41
Methacrylonitrile
Concen: 14.308 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

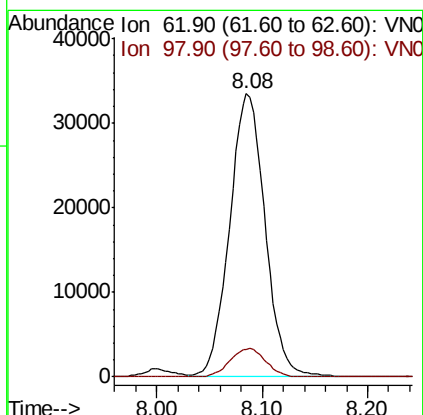
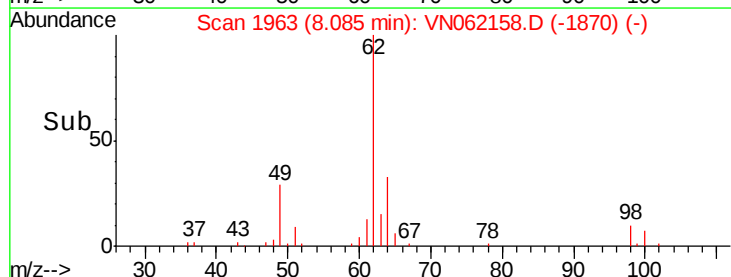
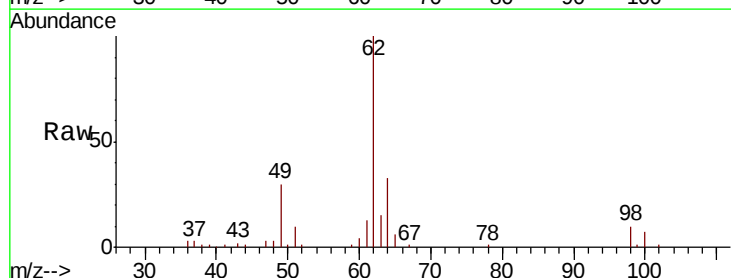
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tot Ion: 41 Resp: 23613
Ion Ratio Lower Upper
41 100
39 50.4 44.2 66.2
67 117.5 79.5 119.3
52 48.6 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 17.672 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion: 62 Resp: 78233
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 17.892 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

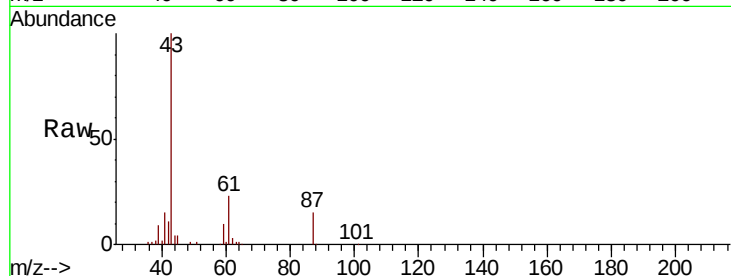
Tot Ion: 43 Resp: 103826

Ion Ratio Lower Upper

43 100

61 22.4 17.2 25.8

87 15.2 12.1 18.1



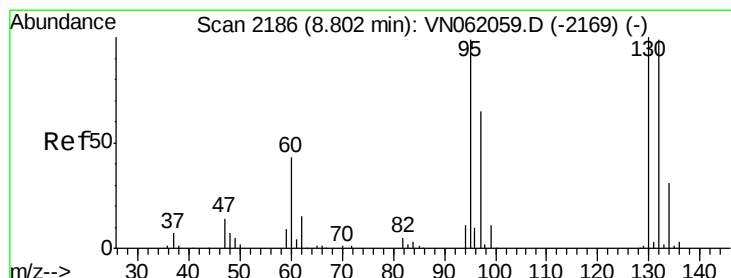
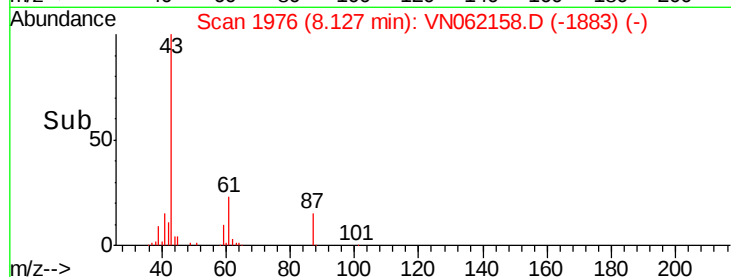
Abundance Ion 43.00 (42.70 to 43.70): VN062158.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062158.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062158.D (-1953) (-)

8.13

Time-->



#44

Trichloroethene

Concen: 17.951 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062158.D

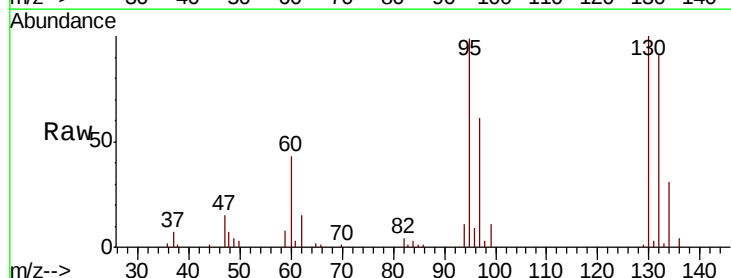
Acq: 26 Jun 2020 23:27

Tgt Ion:130 Resp: 59330

Ion Ratio Lower Upper

130 100

95 98.8 0.0 197.8

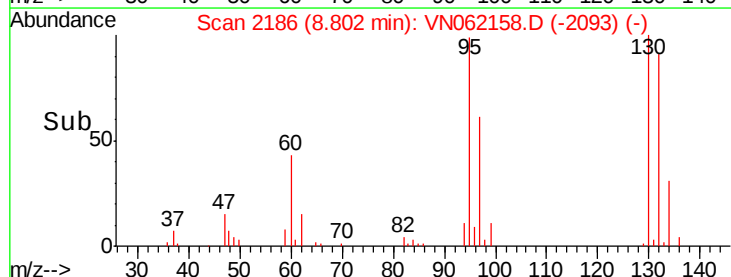


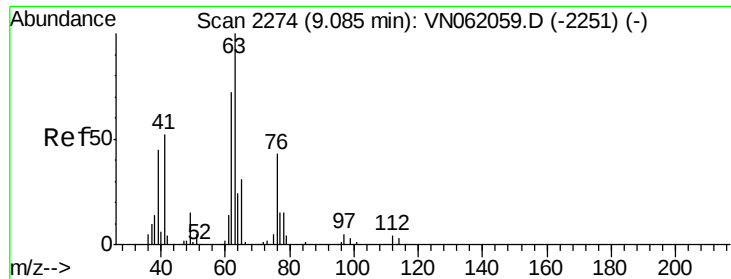
Abundance Ion 129.80 (129.50 to 130.50): VN062158.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062158.D (-2093) (-)

8.80

Time-->

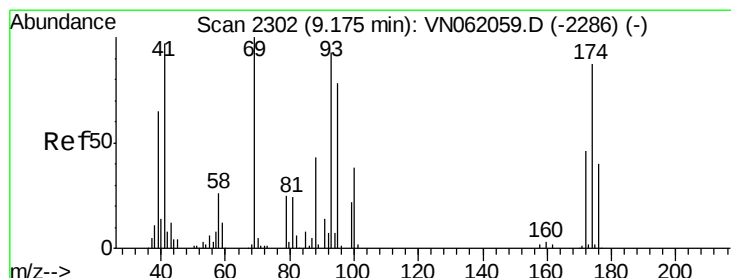
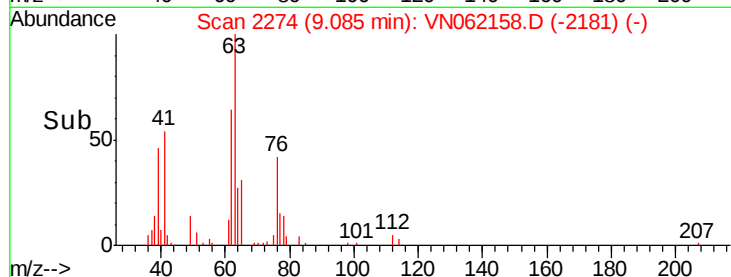
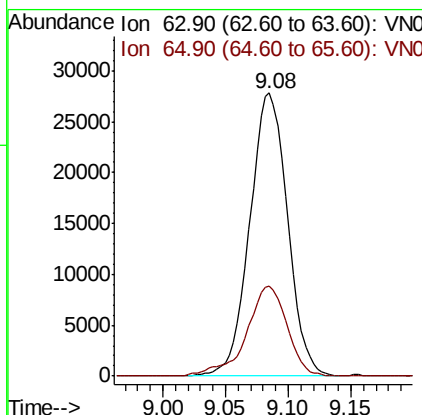
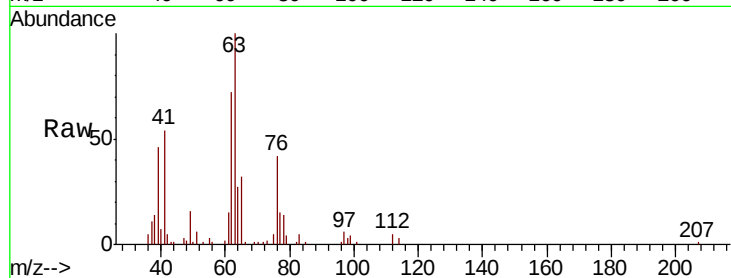




#45
 1,2-Dichloropropane
 Concen: 18.018 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

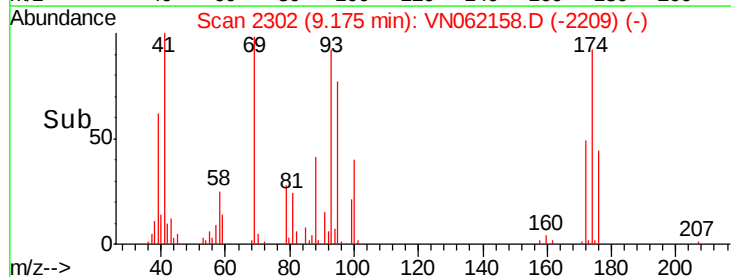
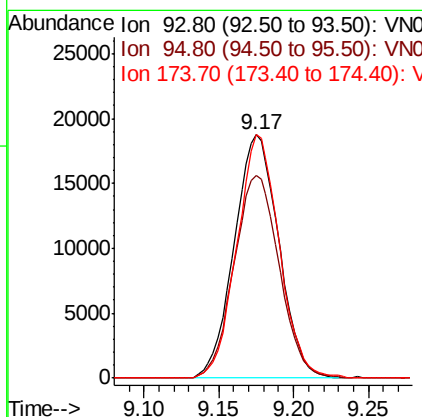
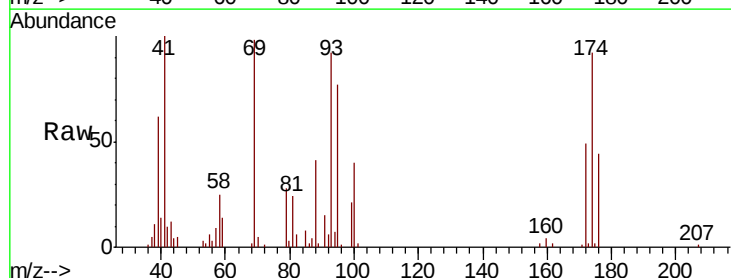
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

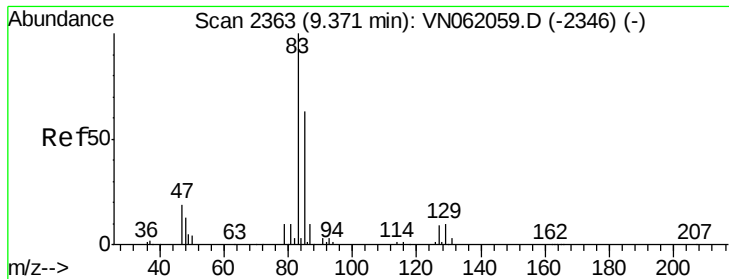
Tot Ion: 63 Resp: 58243
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.4



#46
 Dibromomethane
 Concen: 17.683 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Tgt Ion: 93 Resp: 38756
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.0 100.6
 174 95.3 74.4 111.6





#47

Bromodichloromethane

Concen: 17.922 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

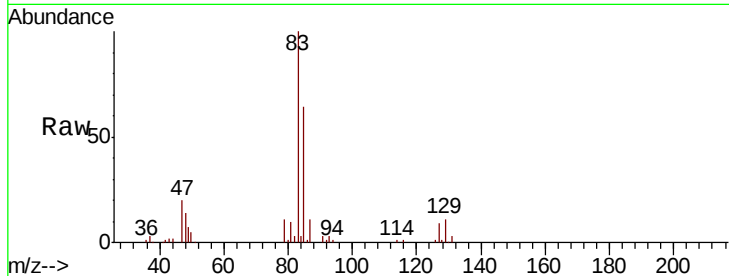
Tot Ion: 83 Resp: 79310

Ion Ratio Lower Upper

83 100

85 63.6 50.3 75.5

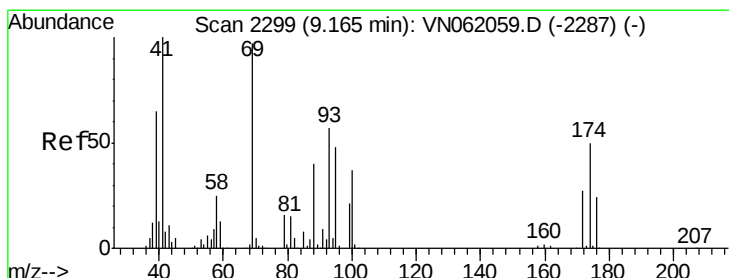
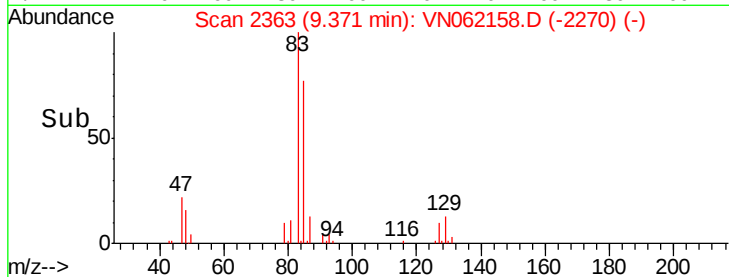
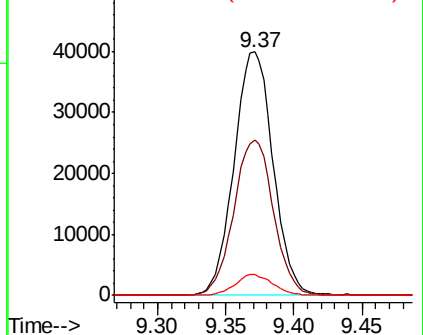
127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062158.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062158.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062158.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.608 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

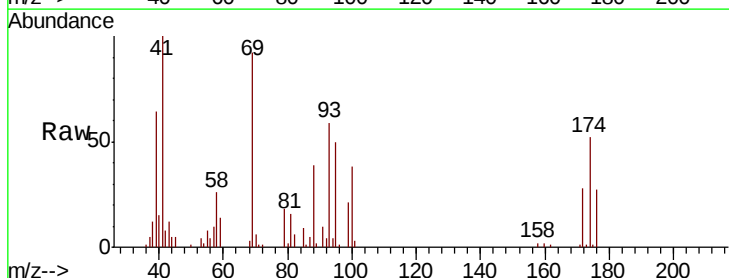
Tgt Ion: 41 Resp: 45812

Ion Ratio Lower Upper

41 100

69 98.4 80.7 121.1

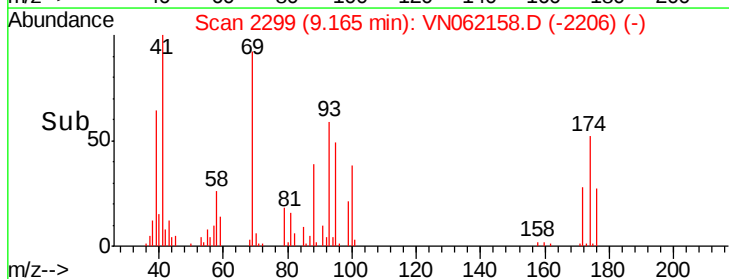
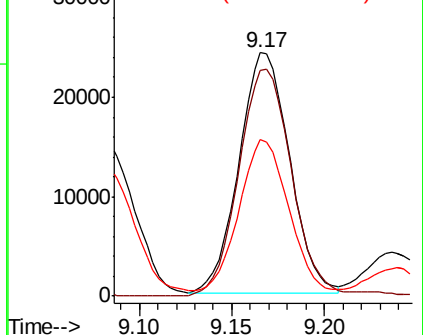
39 65.7 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062158.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062158.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062158.D (-2206) (-)

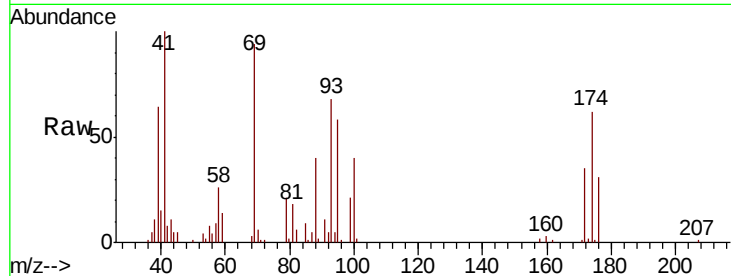




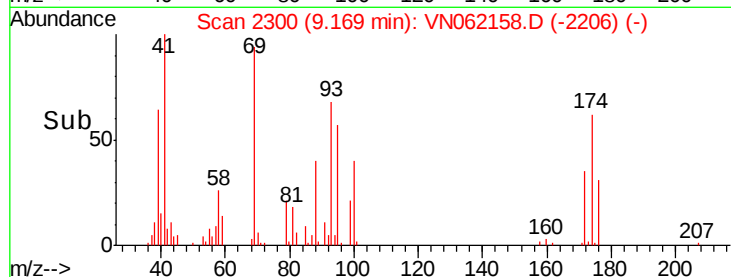
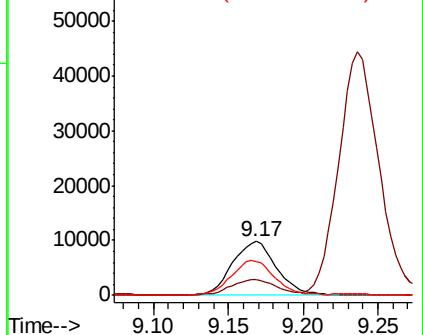
#49
1,4-Dioxane
Concen: 348.291 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tot Ion: 88 Resp: 20096
Ion Ratio Lower Upper
88 100
43 29.9 22.0 33.0
58 64.0 49.2 73.8

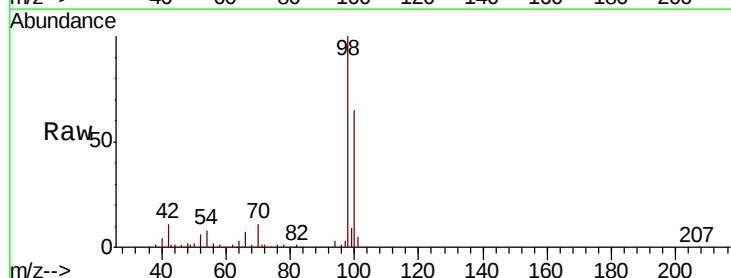


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

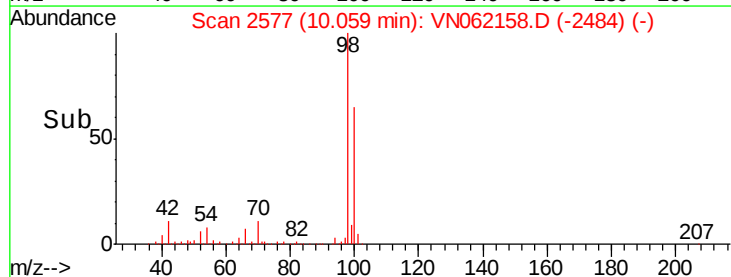
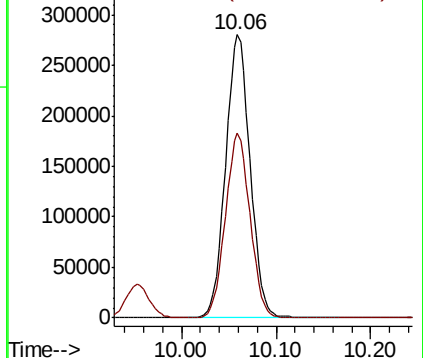


#50
Toluene-d8
Concen: 45.956 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion: 98 Resp: 504043
Ion Ratio Lower Upper
98 100
100 65.5 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: 93.484 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

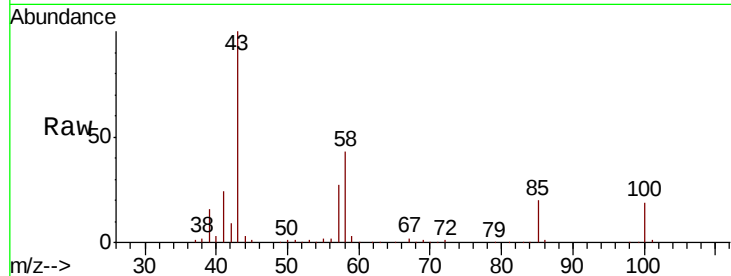
VN0626WBSD02

Tot Ion: 43 Resp: 316944

Ion Ratio Lower Upper

43 100

58 42.6 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

200000

150000

100000

50000

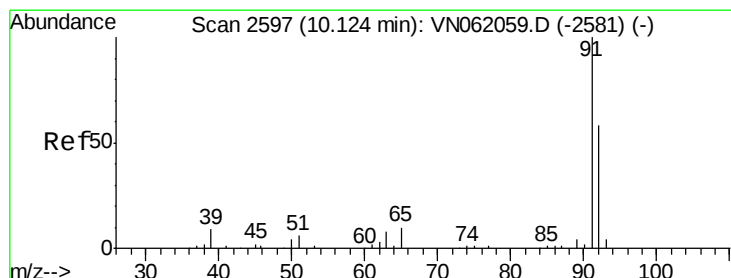
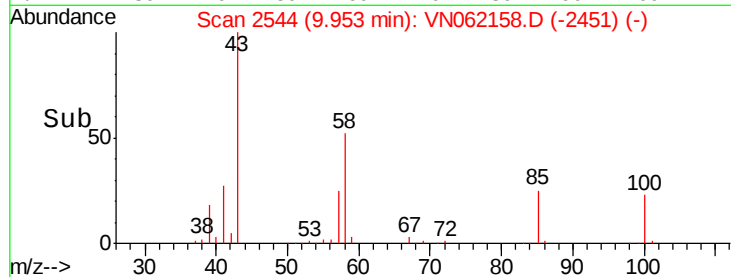
0

9.95

9.90

10.00

Time-->



#52

Toluene

Concen: 18.406 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062158.D

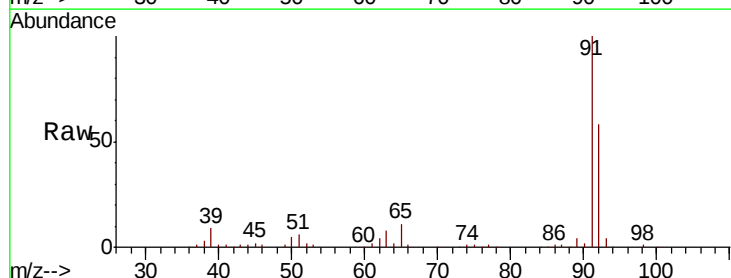
Acq: 26 Jun 2020 23:27

Tgt Ion: 92 Resp: 147152

Ion Ratio Lower Upper

92 100

91 170.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

150000

100000

50000

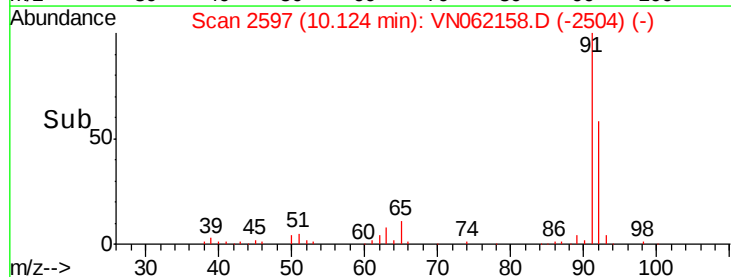
0

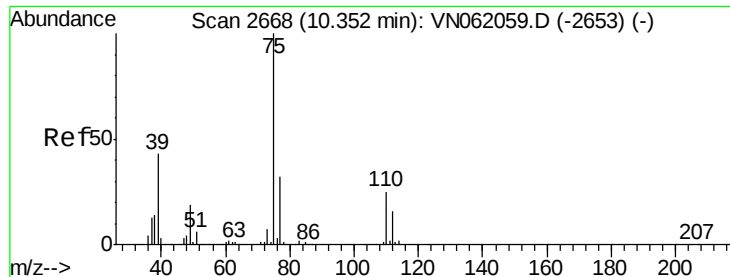
10.12

10.10

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.922 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

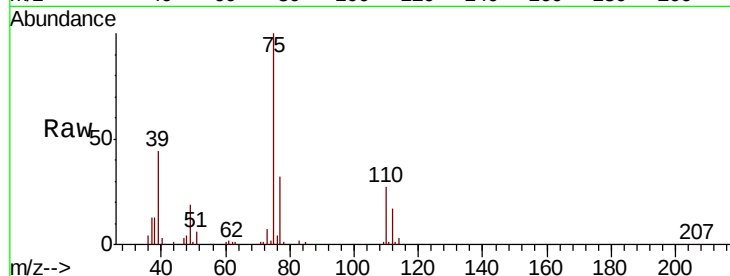
VN0626WBSD02

Tot Ion: 75 Resp: 82387

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-2653) (-)

Ion 76.90 (76.60 to 77.60): VN062059.D (-2653) (-)

10.36

50000

40000

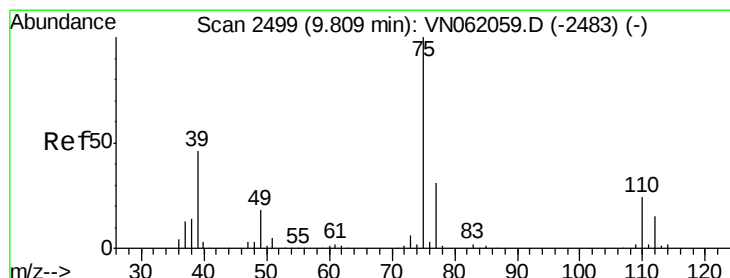
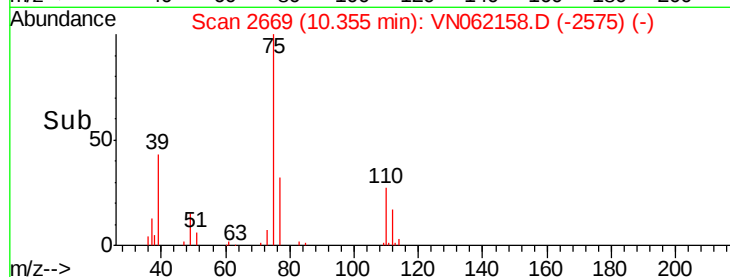
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.988 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

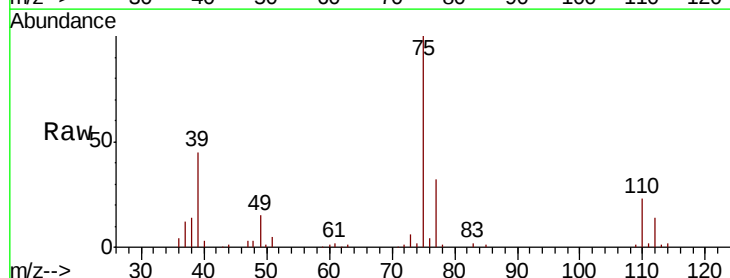
Tgt Ion: 75 Resp: 93239

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 45.0 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-2483) (-)

Ion 76.90 (76.60 to 77.60): VN062059.D (-2483) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-2483) (-)

9.81

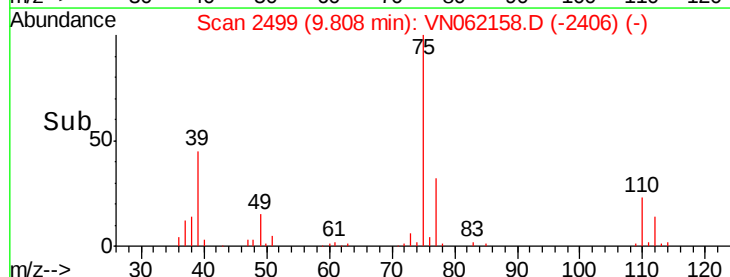
60000

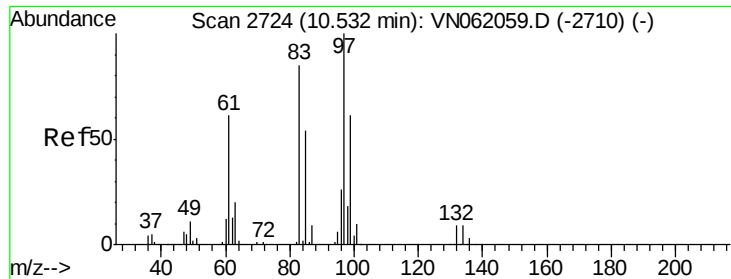
40000

20000

0

Time-->

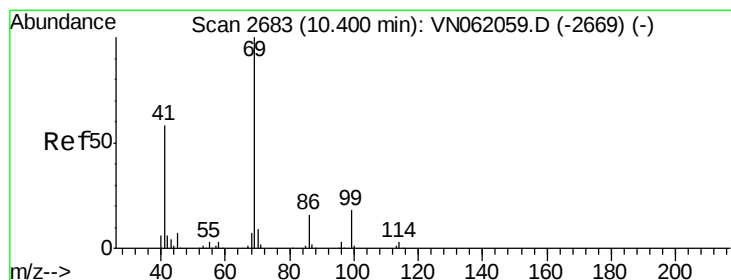
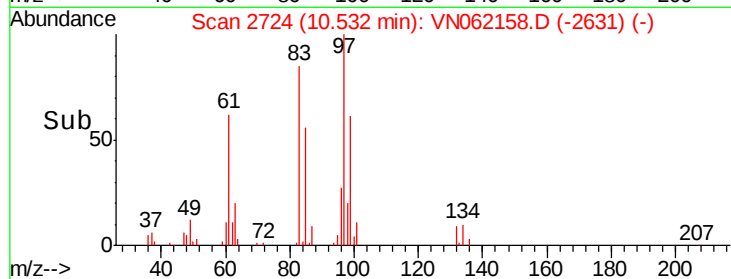
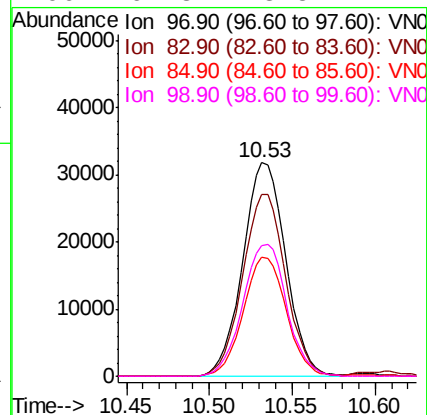
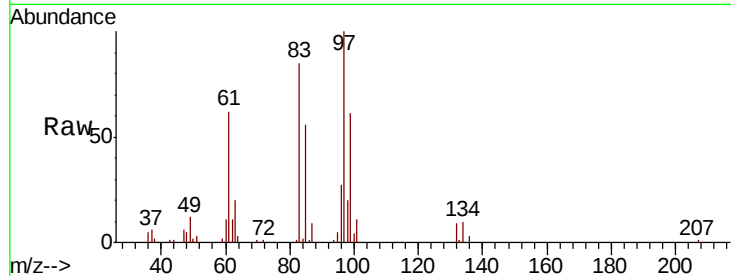




#55
 1,1,2-Trichloroethane
 Concen: 18.210 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

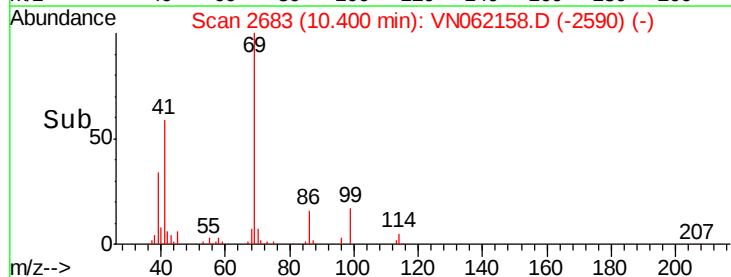
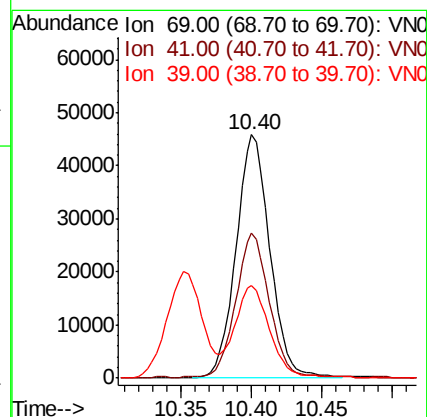
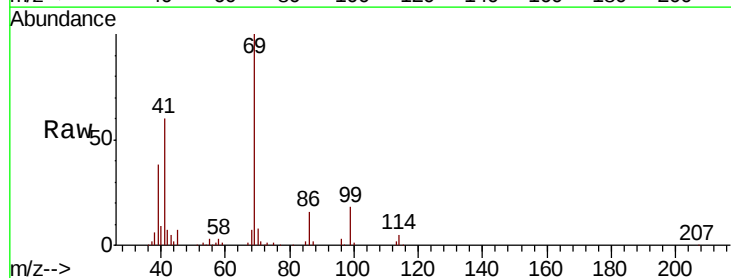
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.2	102.2
85	55.6	43.2	64.8
99	61.3	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 18.425 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.2	46.6	70.0
39	38.7	31.0	46.4

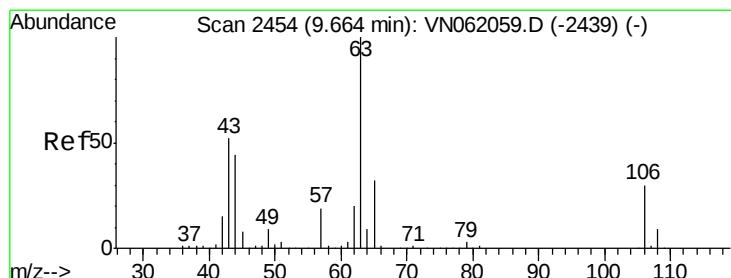
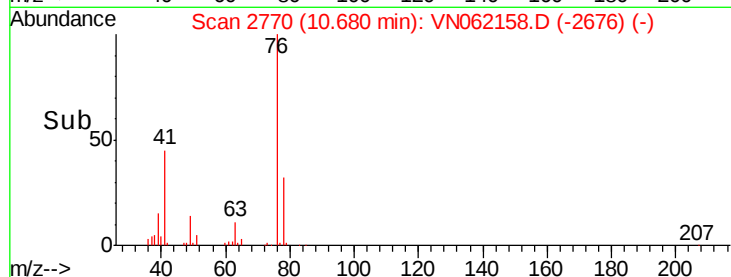
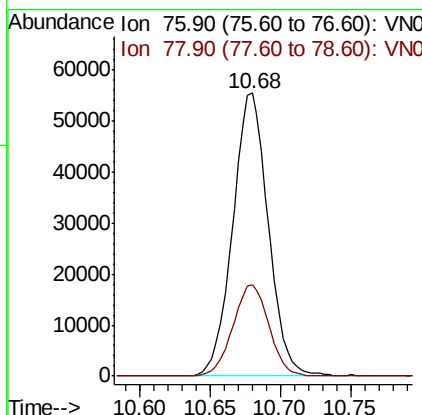
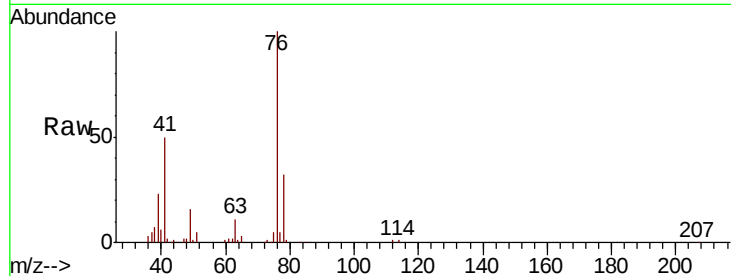




#57
 1,3-Dichloropropane
 Concen: 18.115 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

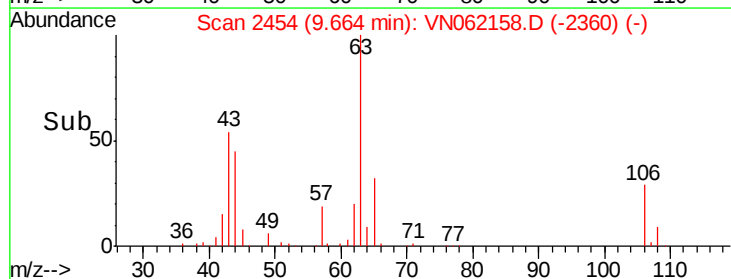
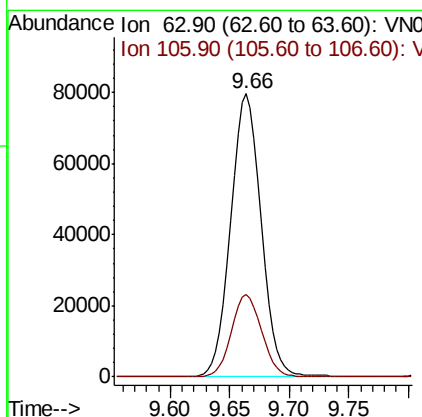
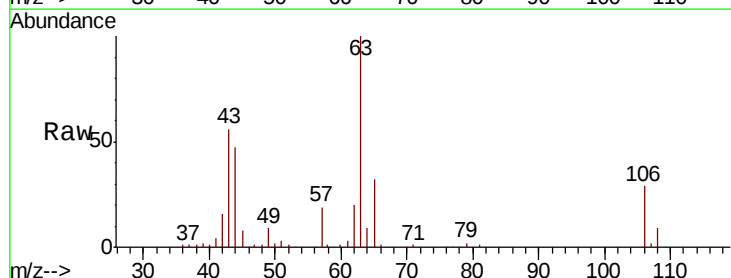
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

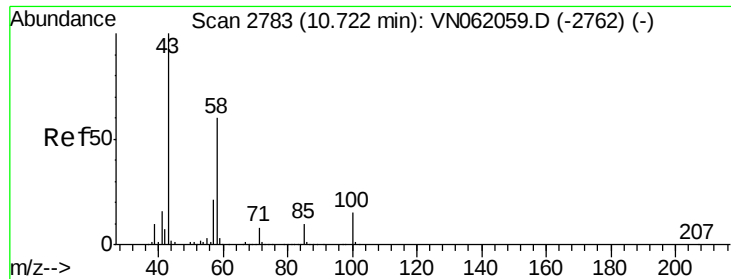
Tot Ion: 76 Resp: 97990
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.396 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Tgt Ion: 63 Resp: 141791
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.2 34.8





#59

2-Hexanone

Concen: 91.094 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

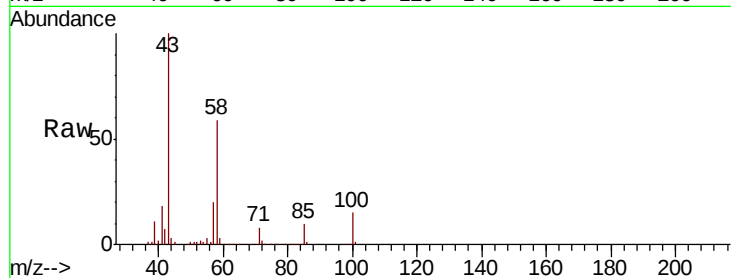
VN0626WBSD02

Tot Ion: 43 Resp: 223013

Ion Ratio Lower Upper

43 100

58 58.5 29.5 88.5



Abundance Ion 43.00 (42.70 to 43.70): VN062158.D (-2762) (-)

Ion 58.00 (57.70 to 58.70): VN062158.D (-2762) (-)

10.72

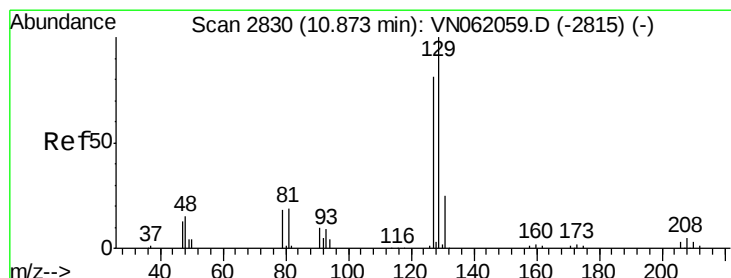
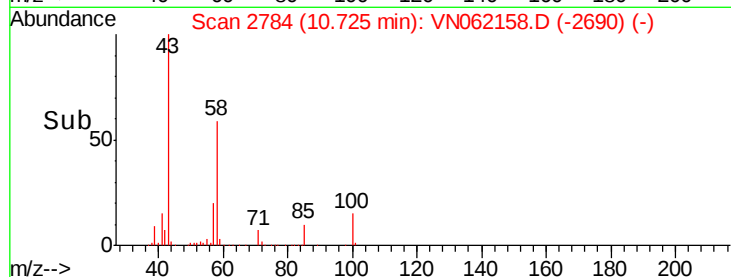
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 17.952 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN062158.D

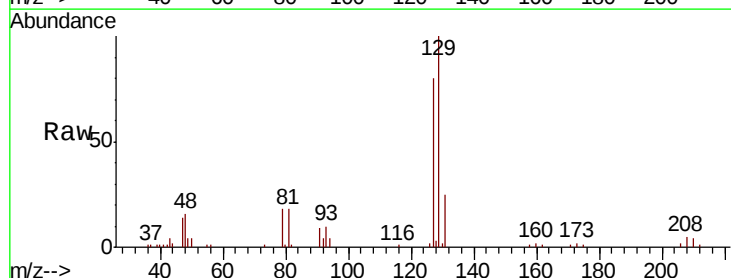
Acq: 26 Jun 2020 23:27

Tgt Ion: 129 Resp: 59729

Ion Ratio Lower Upper

129 100

127 78.5 39.5 118.5



Abundance Ion 128.80 (128.50 to 129.50): VN062158.D (-2815) (-)

Ion 126.80 (126.50 to 127.50): VN062158.D (-2815) (-)

10.87

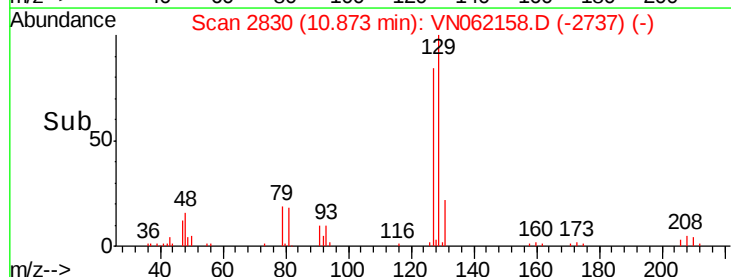
30000

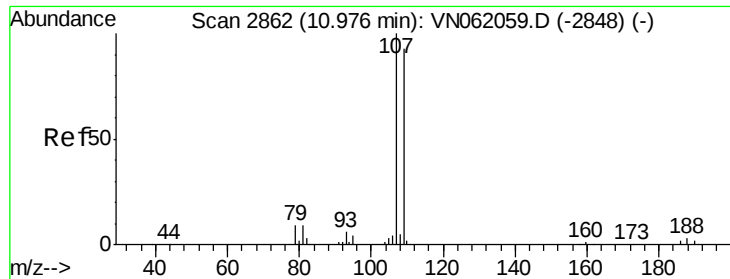
20000

10000

0

Time-->

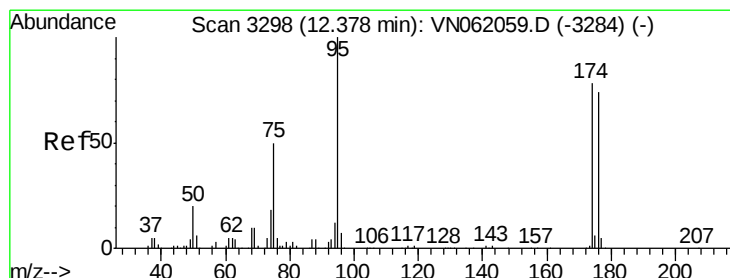
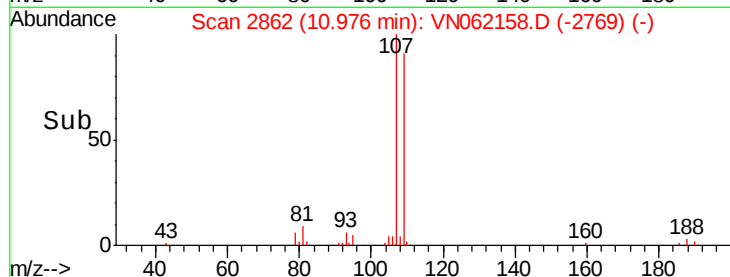
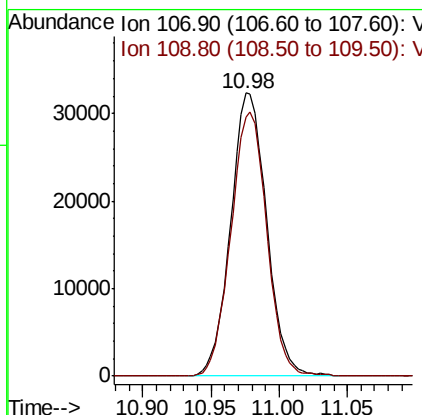
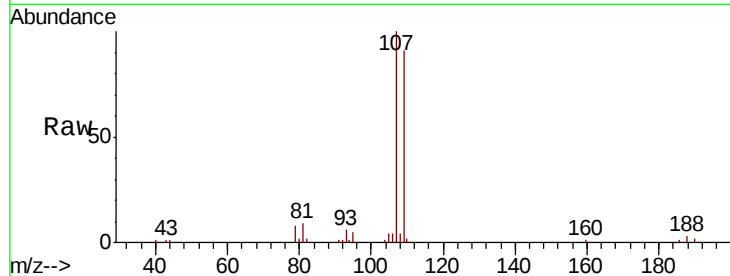




#61
 1,2-Dibromoethane
 Concen: 18.358 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

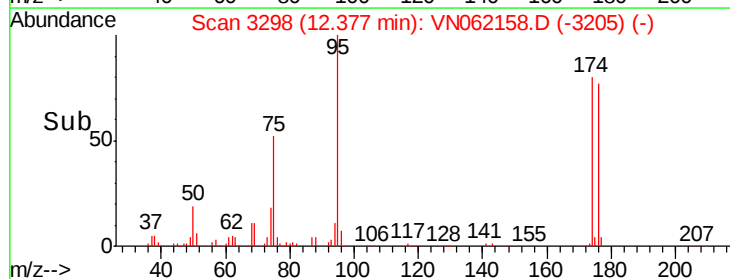
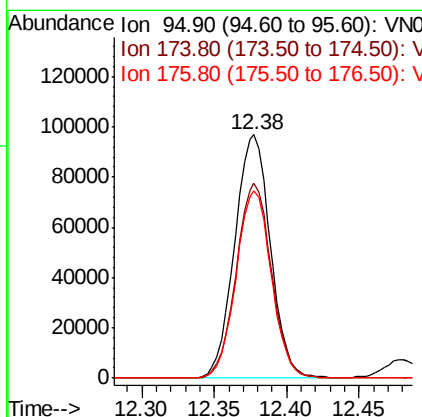
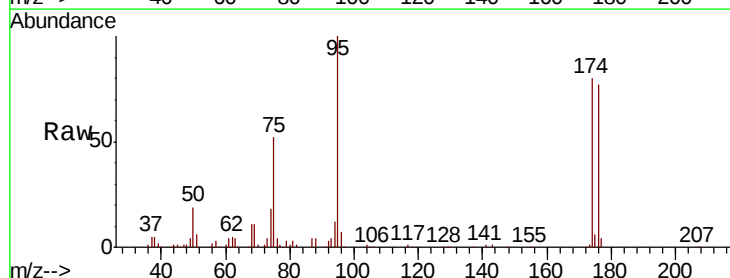
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

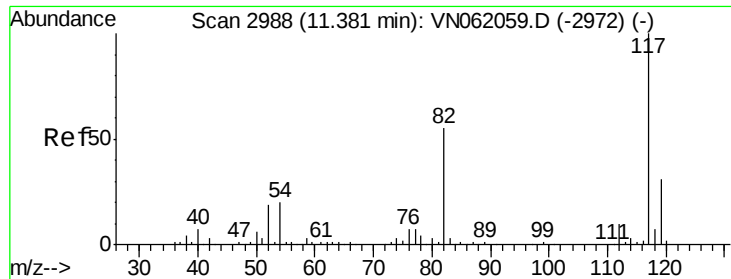
Tot Ion:107 Resp: 59281
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 44.688 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Tgt Ion: 95 Resp: 165596
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 154.8
 176 76.0 0.0 147.4

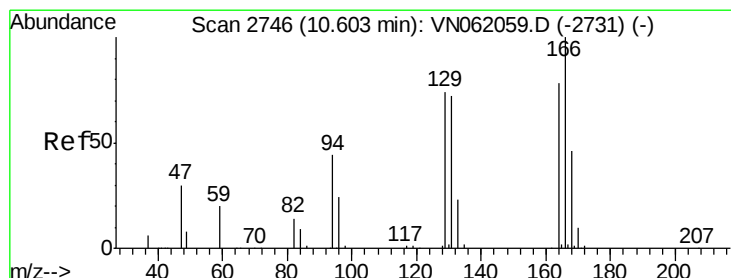
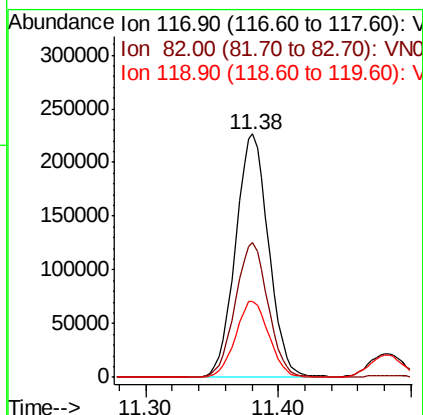
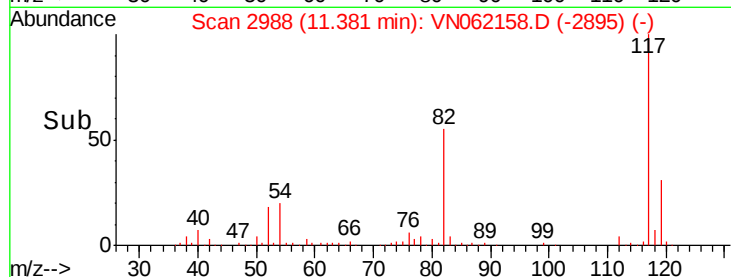
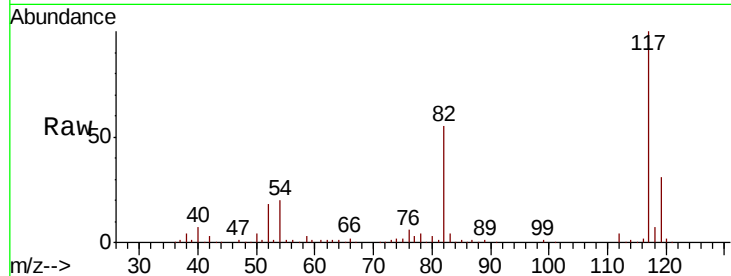




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

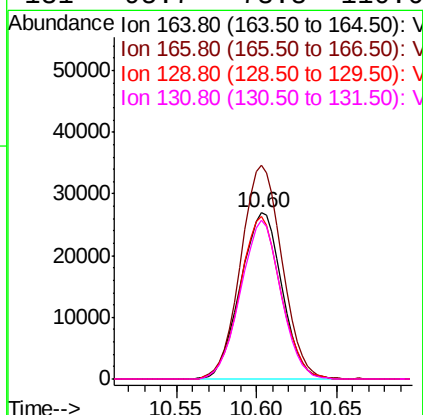
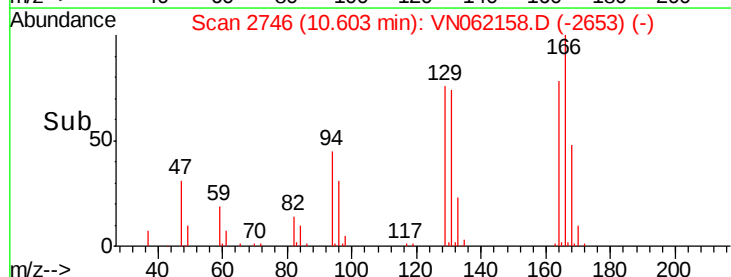
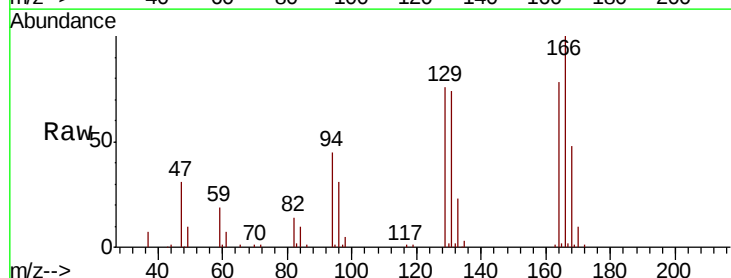
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tot Ion:117 Resp: 392252
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 31.4 25.2 37.8



#64
Tetrachloroethene
Concen: 17.947 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion:164 Resp: 48089
Ion Ratio Lower Upper
164 100
166 128.6 102.9 154.3
129 97.7 75.8 113.8
131 95.7 73.8 110.6

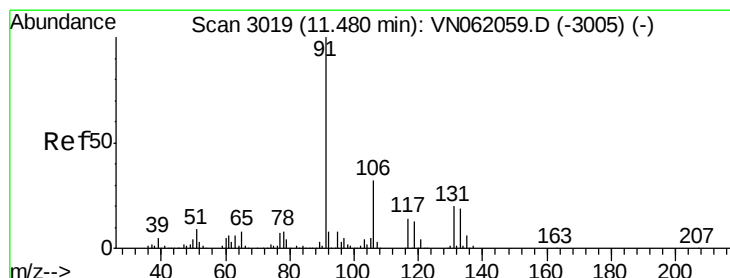
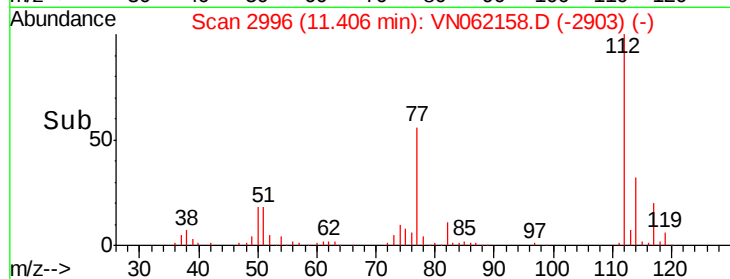
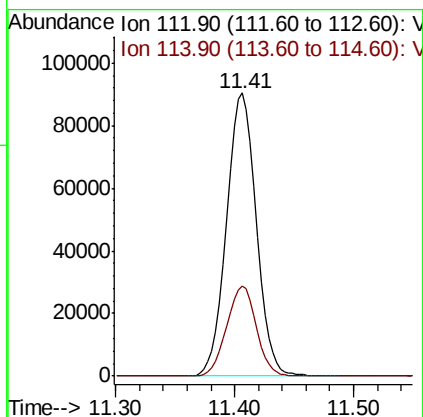
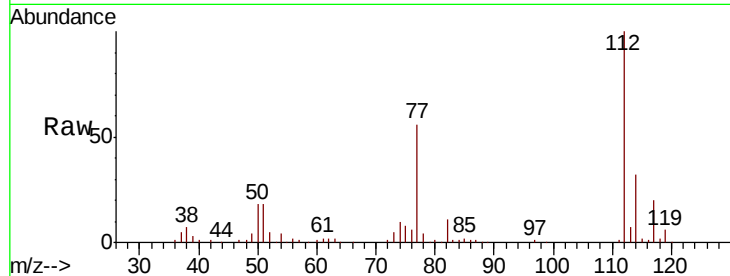




#65
Chlorobenzene
Concen: 18.191 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

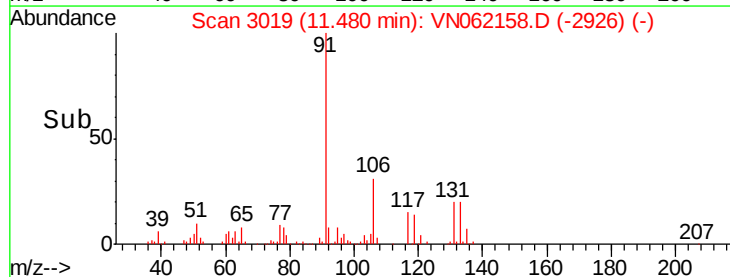
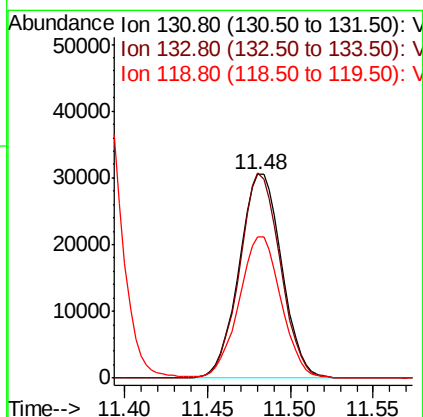
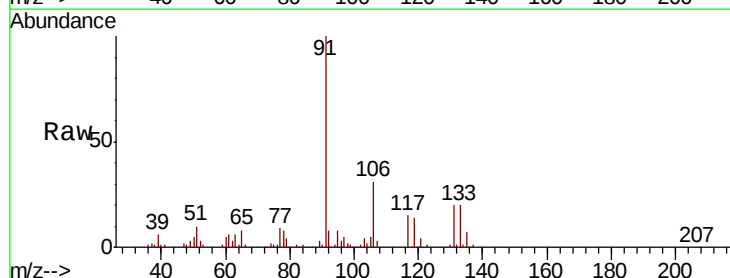
Instrument :
MSVOA_N
ClientSampled :
VN0626WBSD02

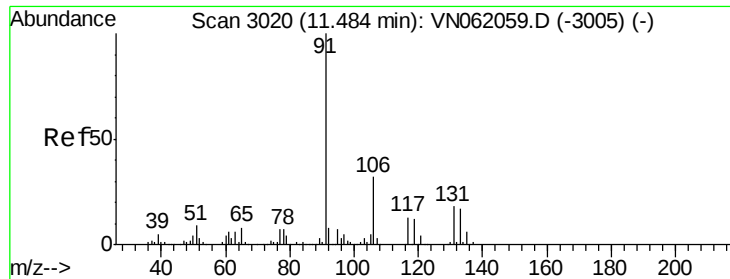
Tot Ion:112 Resp: 156692
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.323 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion:131 Resp: 54576
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 68.6 34.4 103.3

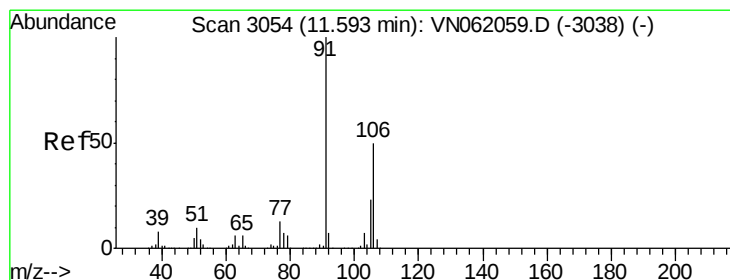
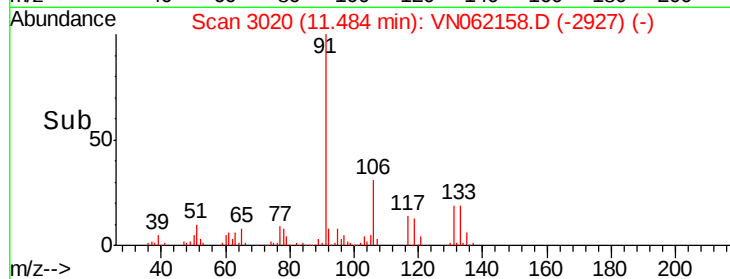
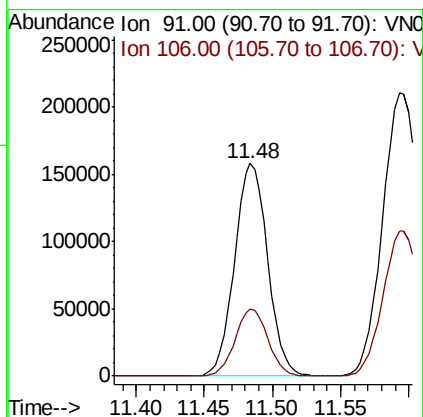
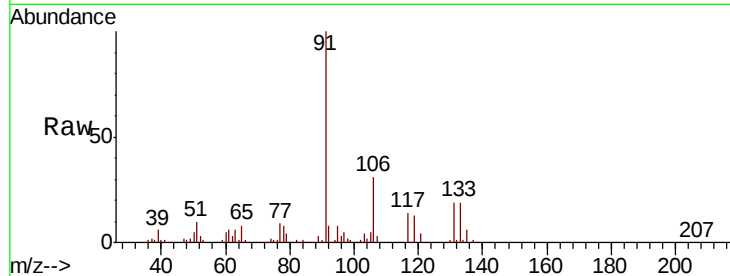




#67
Ethyl Benzene
Concen: 18.303 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

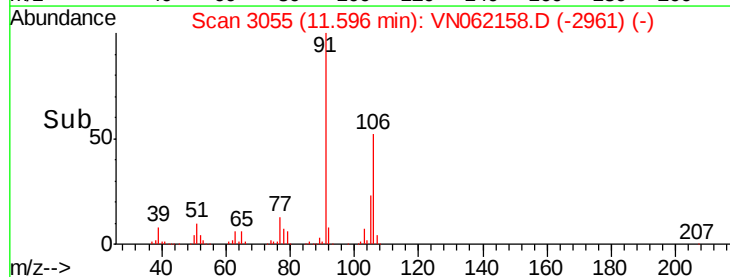
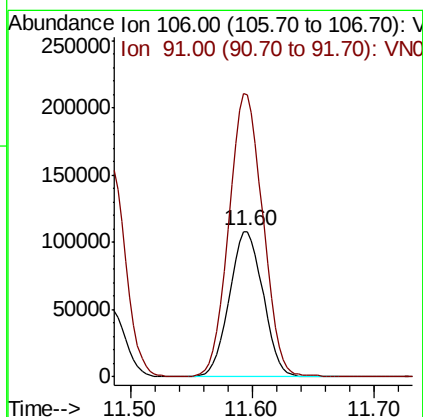
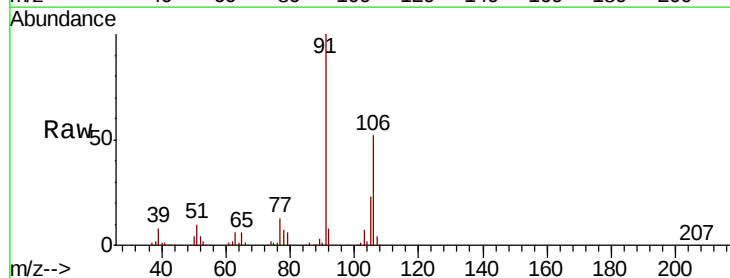
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

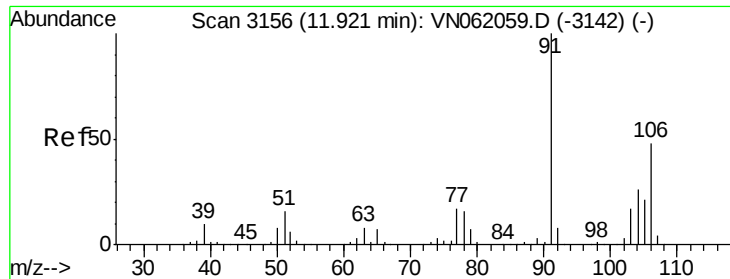
Tot Ion: 91 Resp: 266265
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 37.006 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion: 106 Resp: 208225
Ion Ratio Lower Upper
106 100
91 195.4 157.8 236.8

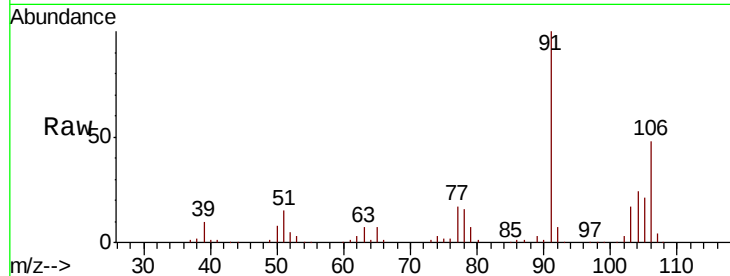




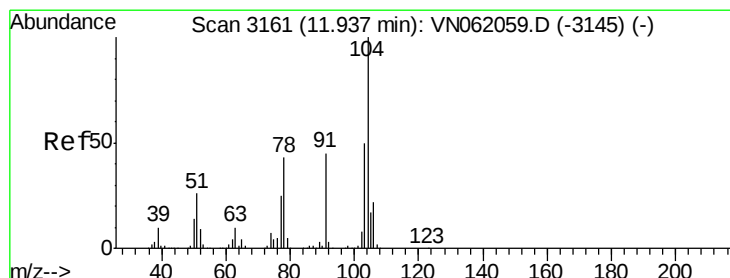
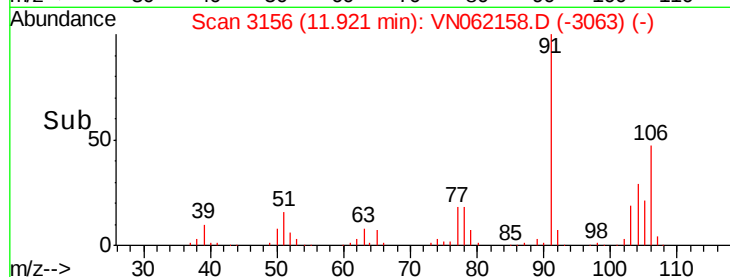
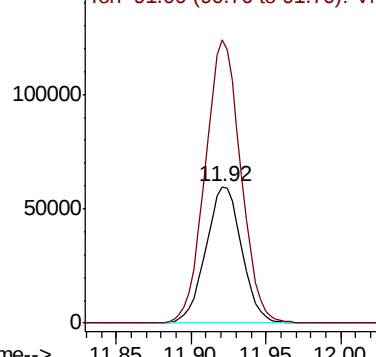
#69
o-Xylene
Concen: 18.731 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tot Ion:106 Resp: 99444
Ion Ratio Lower Upper
106 100
91 206.4 104.0 311.9

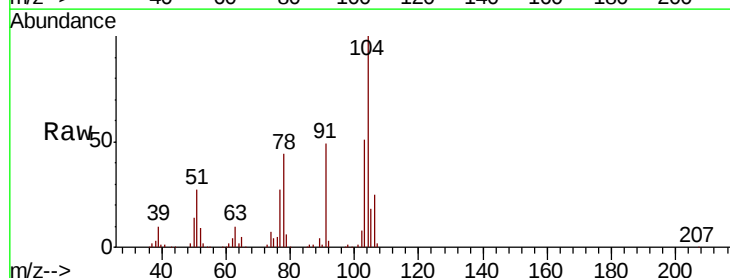


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

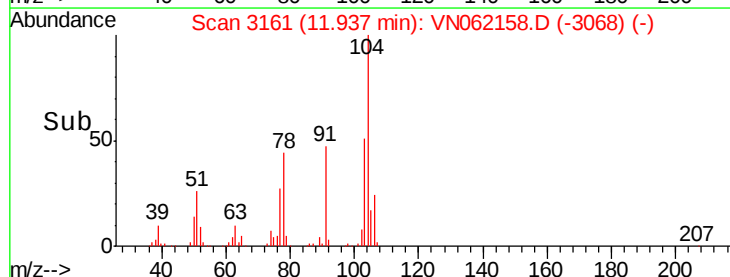
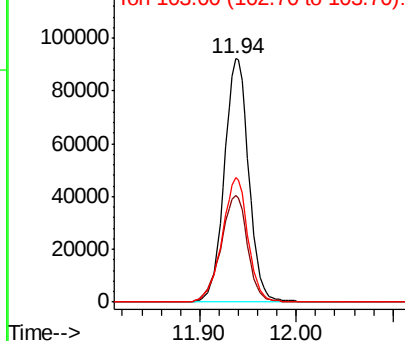


#70
Styrene
Concen: 18.271 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion:104 Resp: 161769
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 53.9 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.551 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

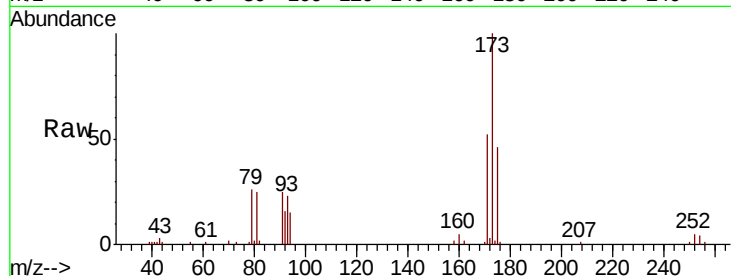
Tot Ion:173 Resp: 39286

Ion Ratio Lower Upper

173 100

175 46.5 24.7 74.1

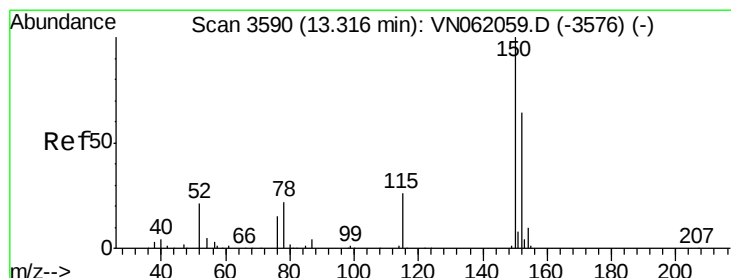
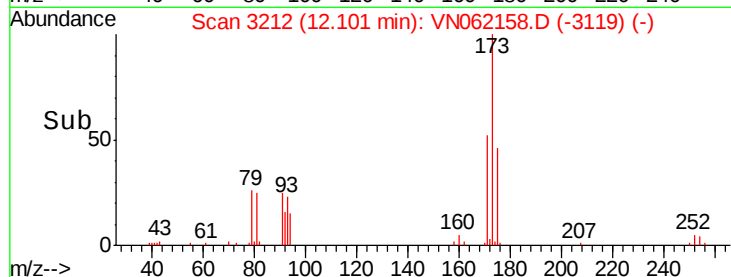
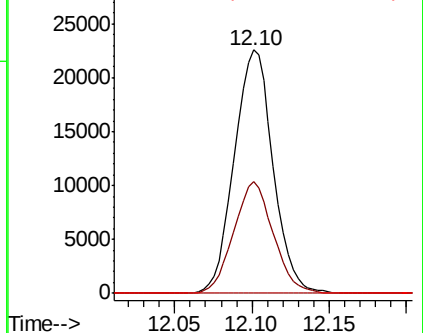
254 0.0 0.0 0.0



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: VN062158.D

Acq: 26 Jun 2020 23:27

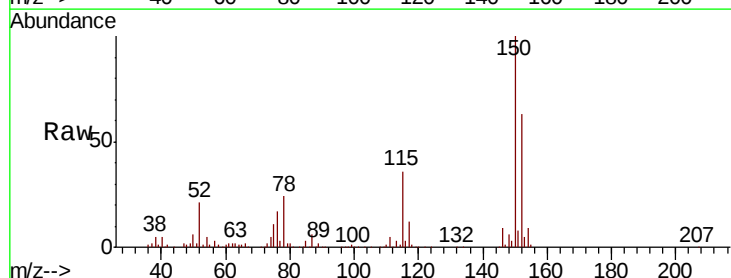
Tgt Ion:152 Resp: 175385

Ion Ratio Lower Upper

152 100

115 57.3 29.5 88.5

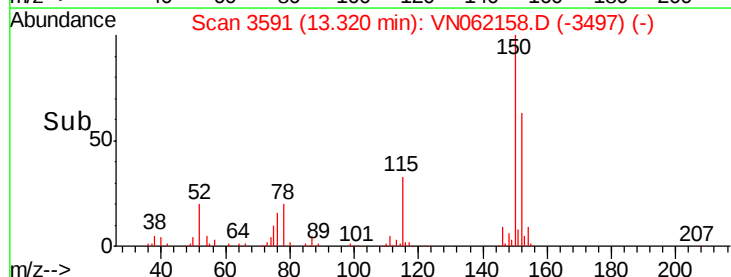
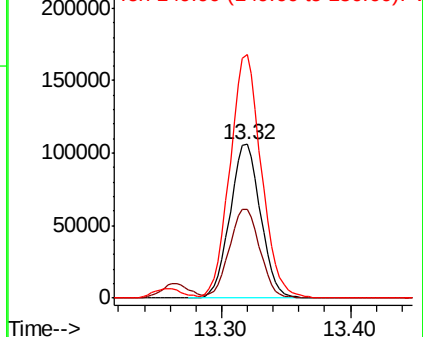
150 161.7 0.0 351.4



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: 19.208 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

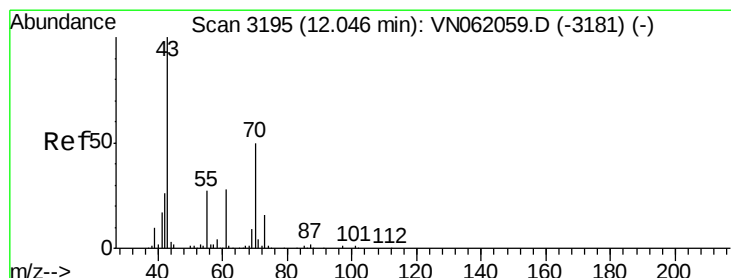
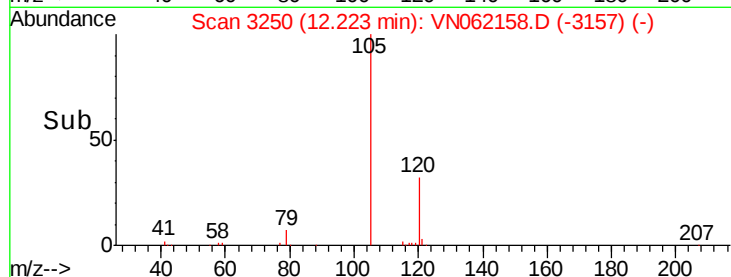
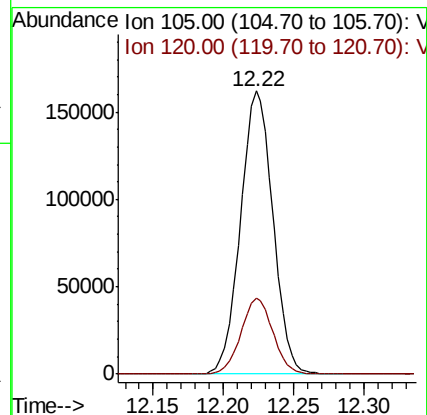
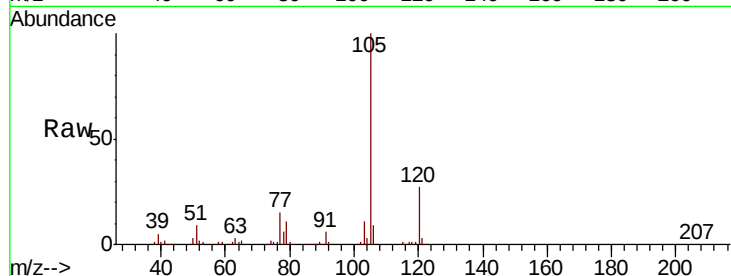
VN0626WBSD02

Tot Ion:105 Resp: 260776

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 18.561 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Tgt Ion: 43 Resp: 81500

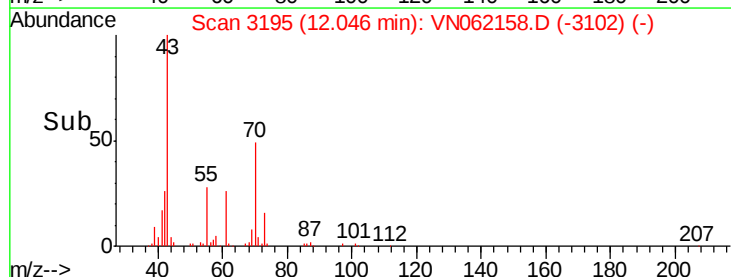
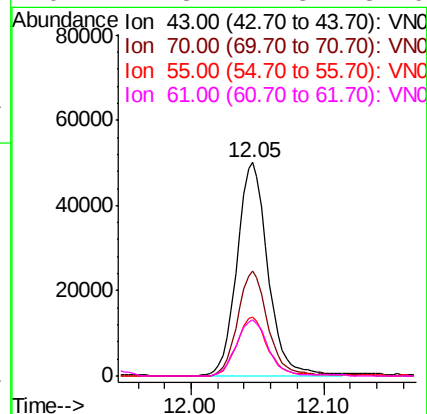
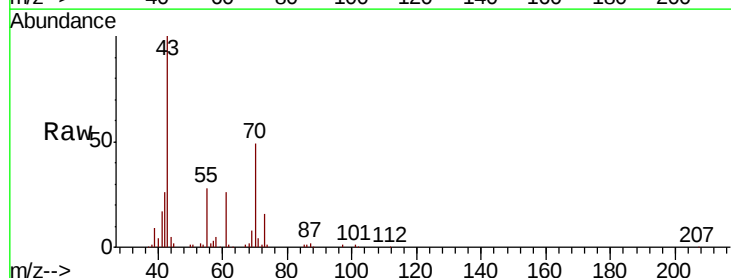
Ion Ratio Lower Upper

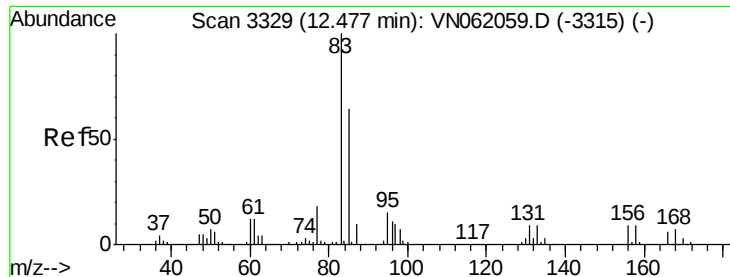
43 100

70 47.6 39.4 59.2

55 27.7 21.7 32.5

61 27.3 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.417 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

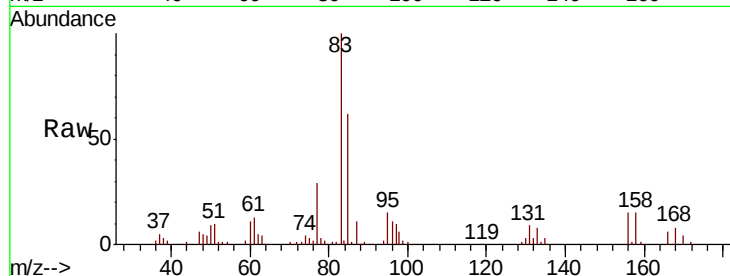
Tot Ion: 83 Resp: 83206

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.4

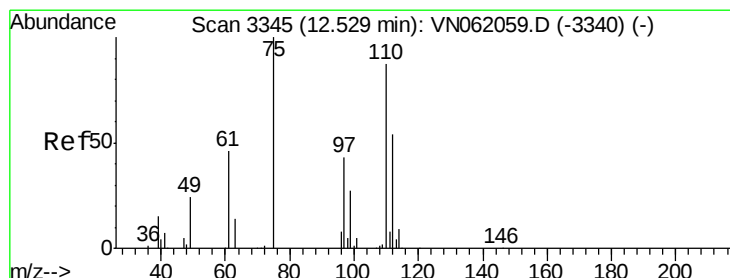
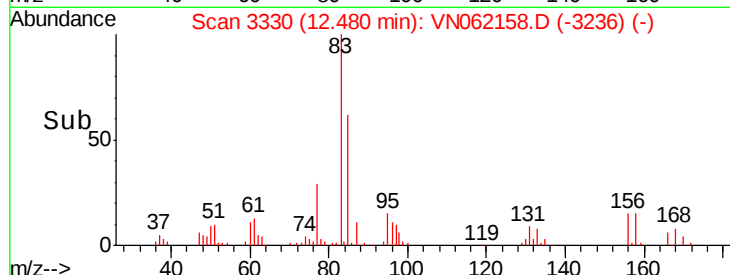
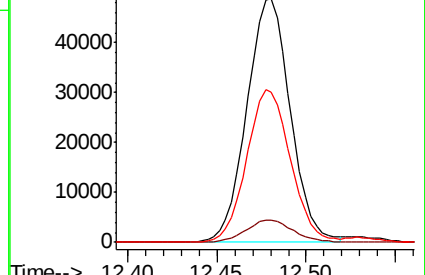
85 63.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062158.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062158.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062158.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 23.727 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062158.D

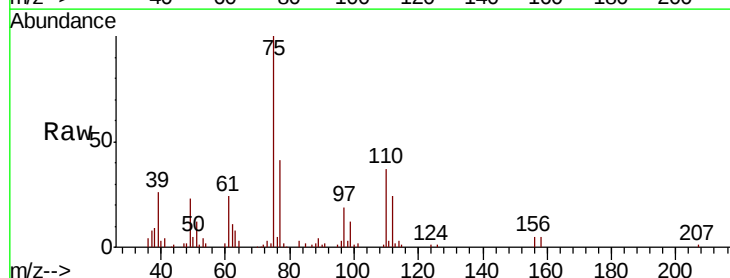
Acq: 26 Jun 2020 23:27

Tgt Ion: 75 Resp: 97961

Ion Ratio Lower Upper

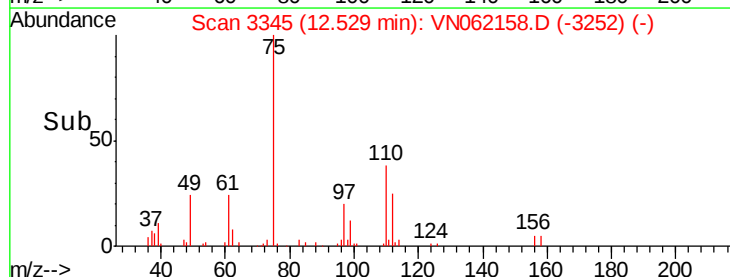
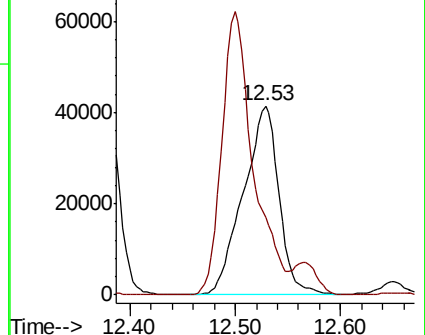
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062158.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062158.D (-3252) (-)





#77

Bromobenzene

Concen: 18.461 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

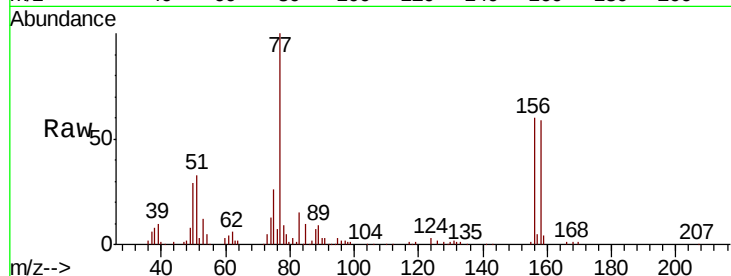
Tot Ion:156 Resp: 62225

Ion Ratio Lower Upper

156 100

77 207.1 104.6 313.8

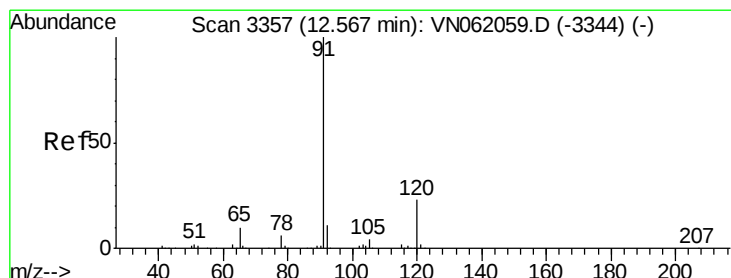
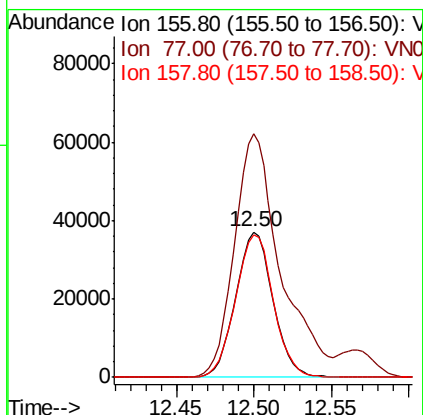
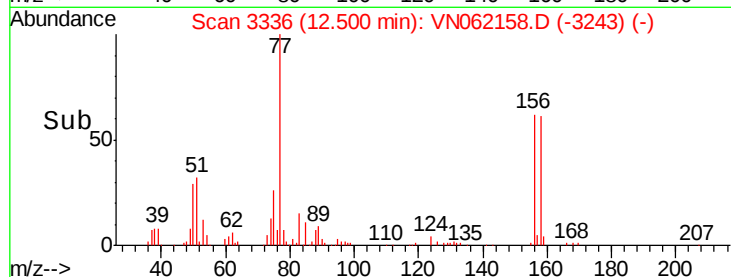
158 99.5 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.531 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062158.D

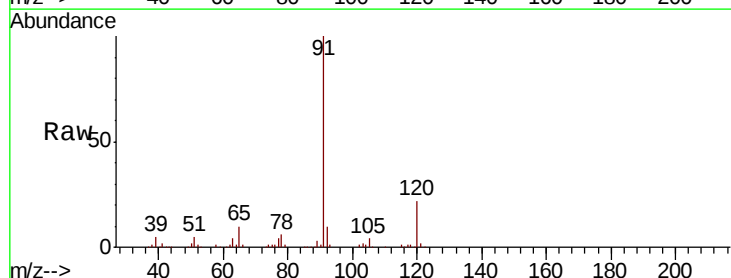
Acq: 26 Jun 2020 23:27

Tgt Ion: 91 Resp: 287769

Ion Ratio Lower Upper

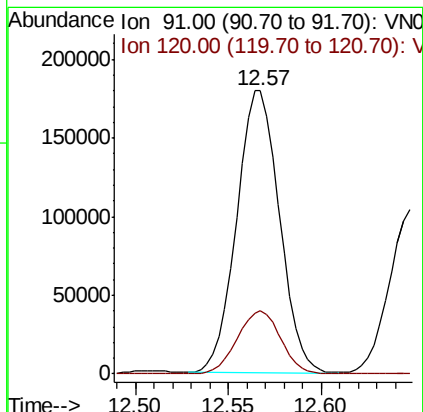
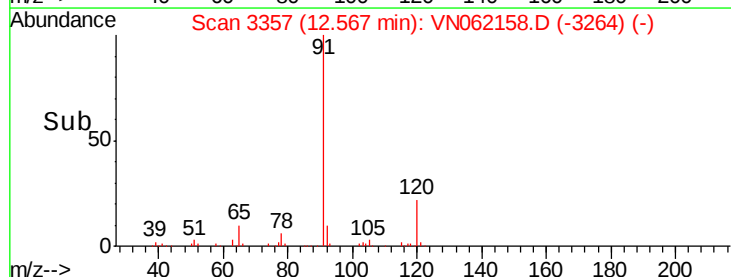
91 100

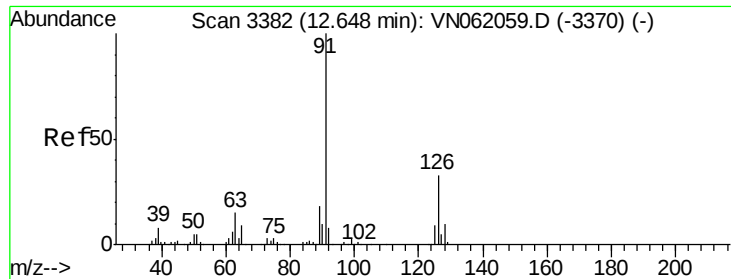
120 22.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

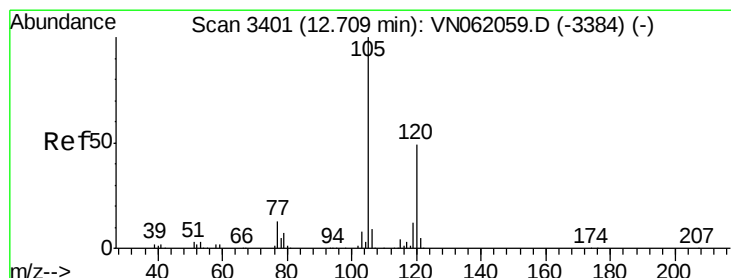
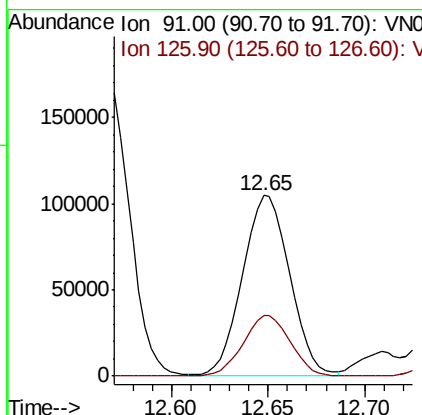
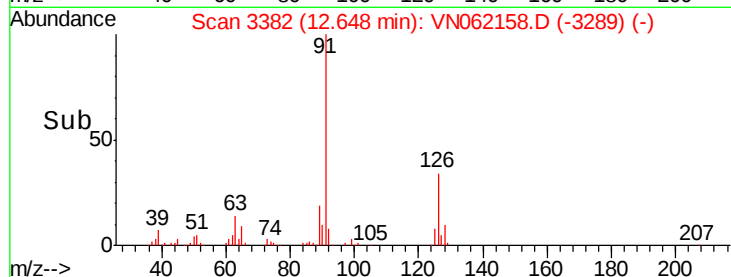
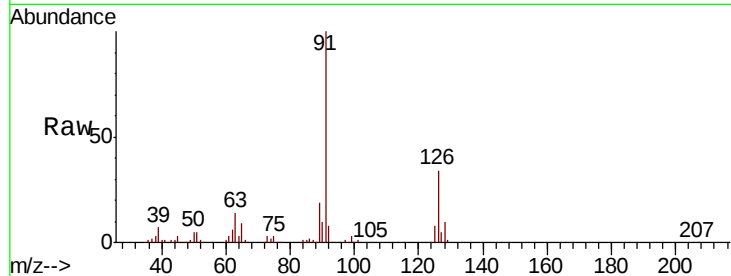




#79
 2-Chlorotoluene
 Concen: 18.795 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

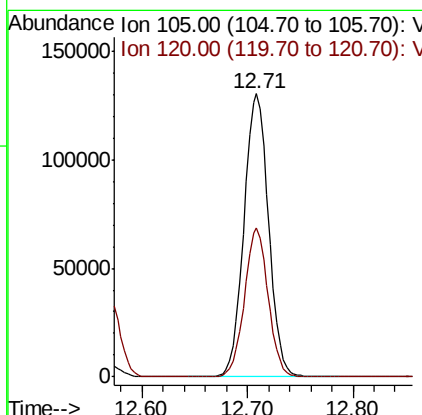
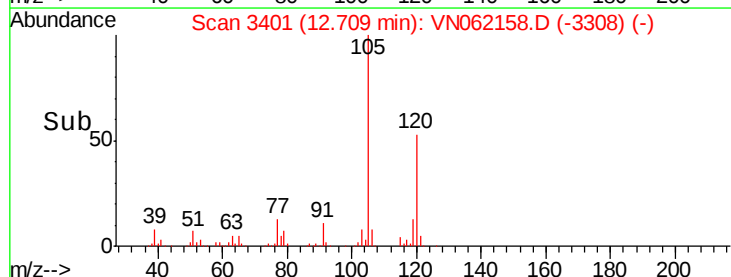
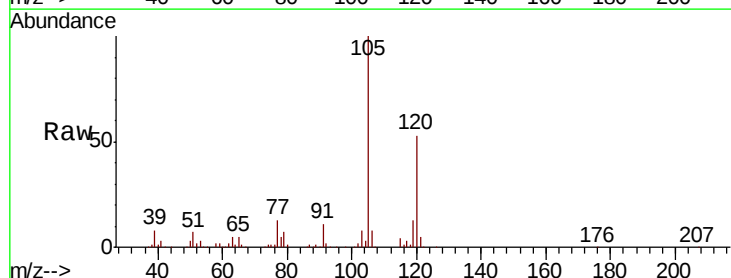
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

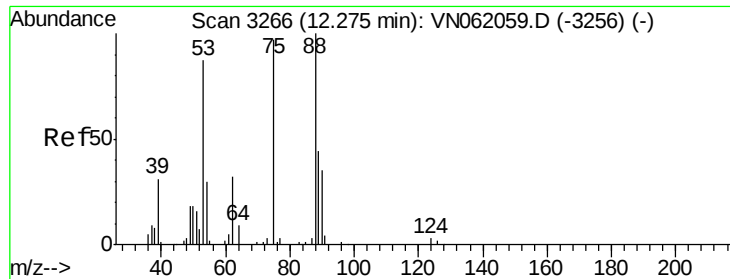
Tot Ion: 91 Resp: 176450
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.202 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Tgt Ion: 105 Resp: 211335
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.030 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

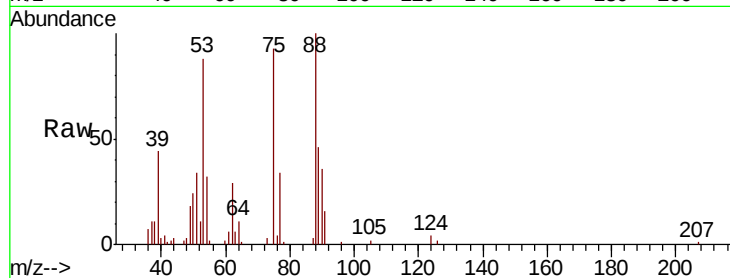
Tot Ion: 75 Resp: 22663

Ion Ratio Lower Upper

75 100

53 93.0 72.0 108.0

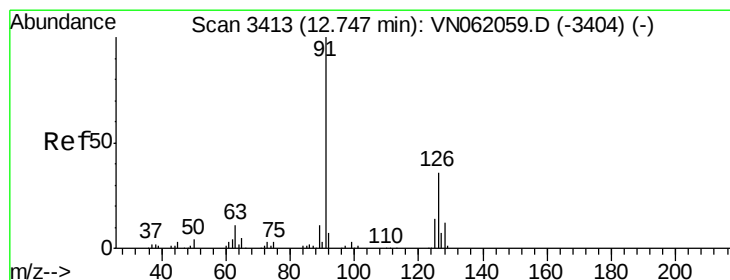
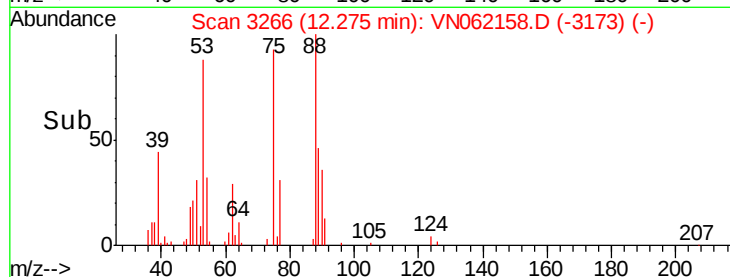
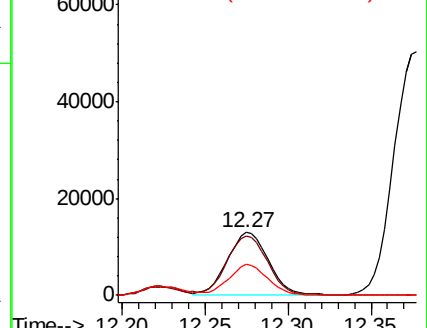
89 46.6 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062158.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062158.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062158.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 18.290 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062158.D

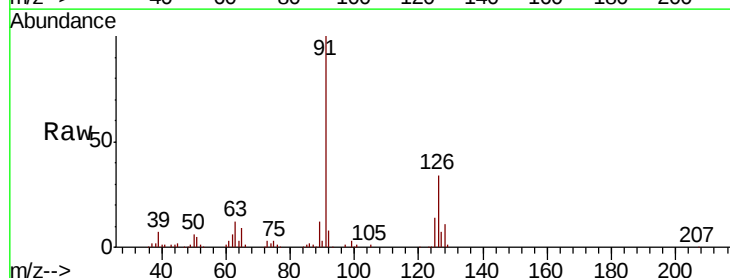
Acq: 26 Jun 2020 23:27

Tgt Ion: 91 Resp: 177561

Ion Ratio Lower Upper

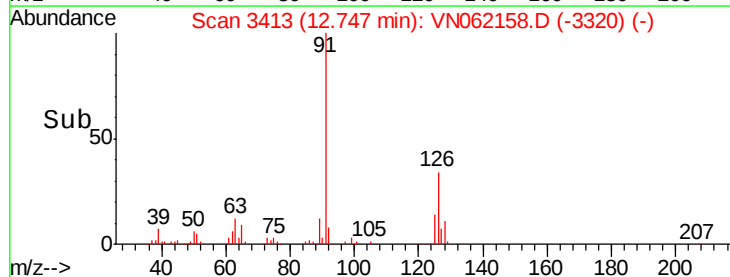
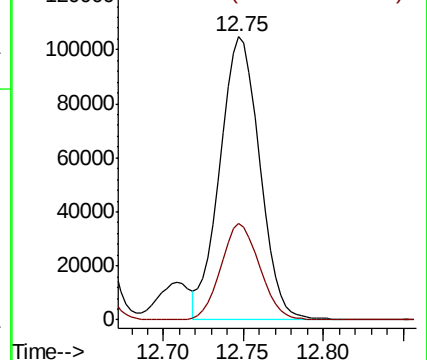
91 100

126 33.5 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062158.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062158.D (-3320) (-)

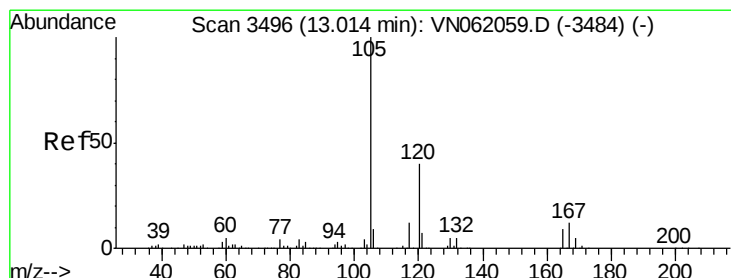
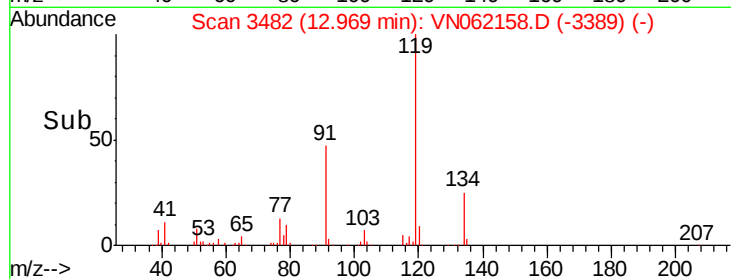
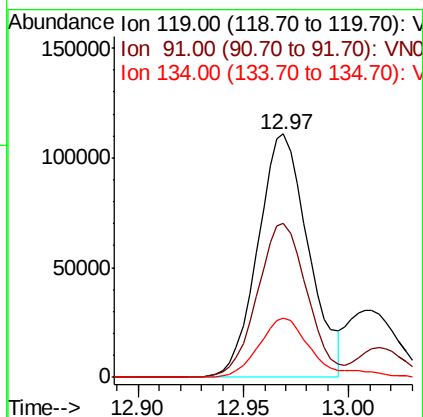
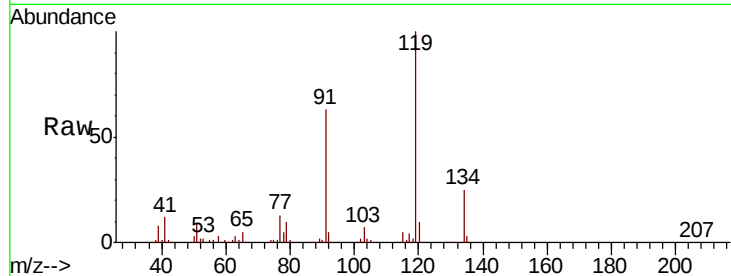




#83
tert-Butylbenzene
Concen: 19.626 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

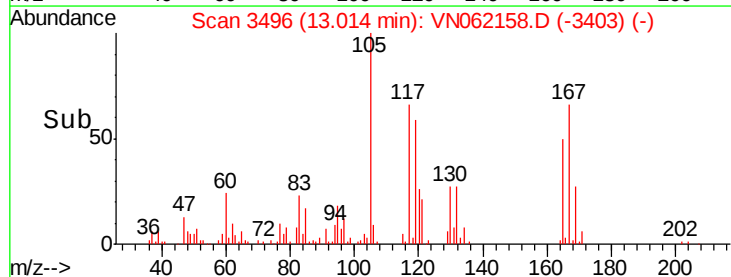
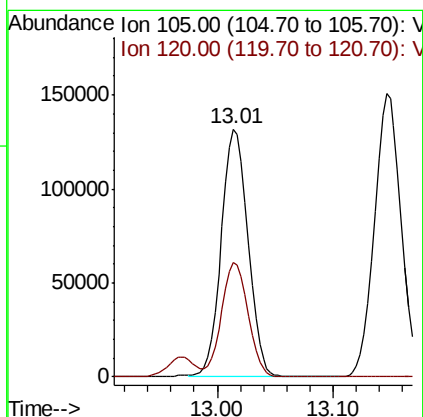
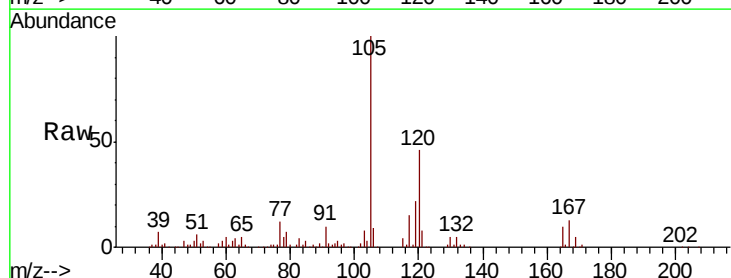
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

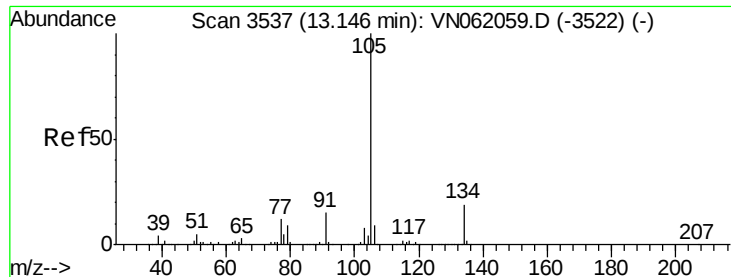
Tot Ion:119 Resp: 184851
Ion Ratio Lower Upper
119 100
91 62.6 31.7 95.1
134 25.8 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 19.059 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion:105 Resp: 209491
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.5





#85

sec-Butylbenzene

Concen: 19.371 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

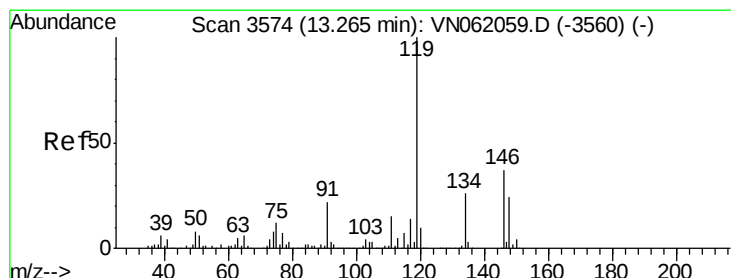
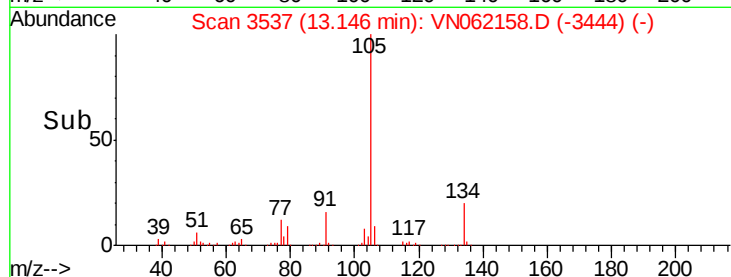
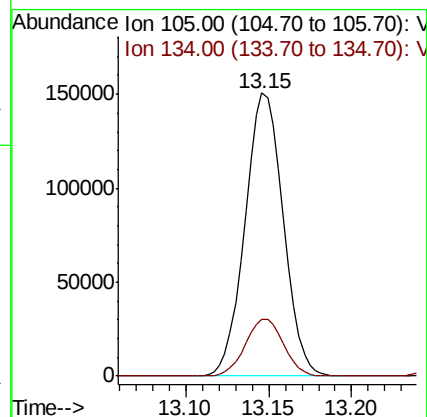
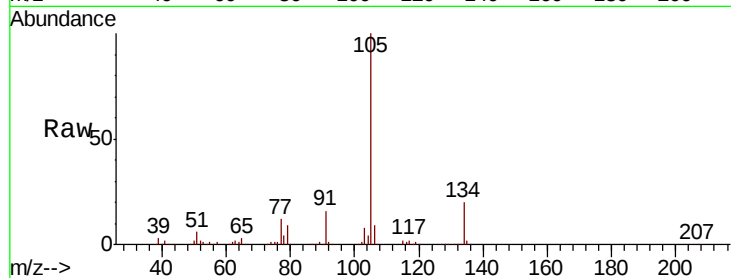
VN0626WBSD02

Tot Ion:105 Resp: 241087

Ion Ratio Lower Upper

105 100

134 20.2 9.7 29.1



#86

p-Isopropyltoluene

Concen: 19.445 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

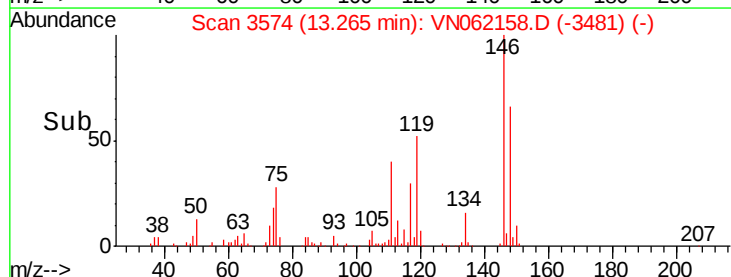
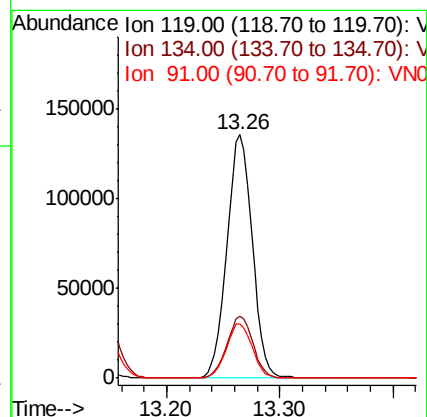
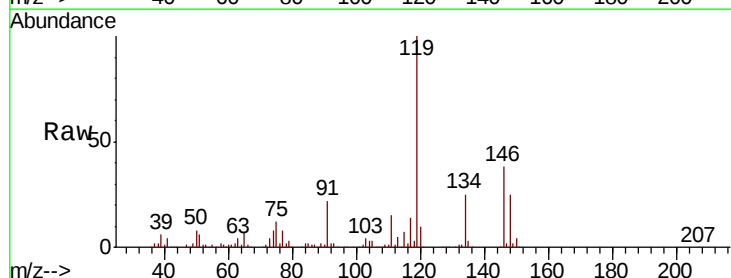
Tgt Ion:119 Resp: 212026

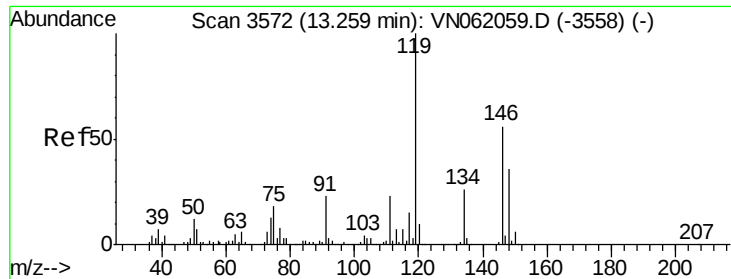
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 22.8 11.3 33.8

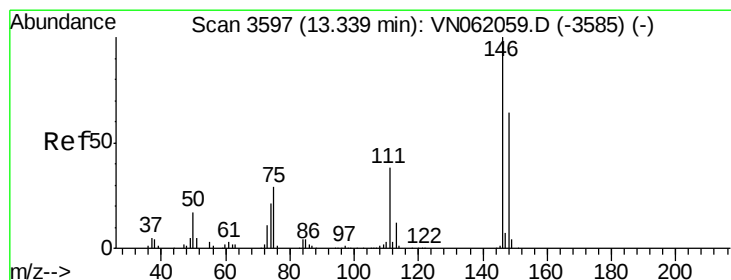
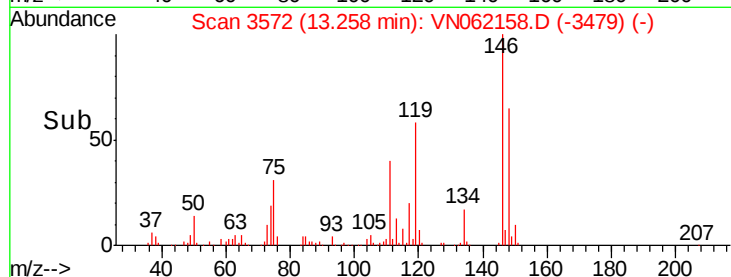
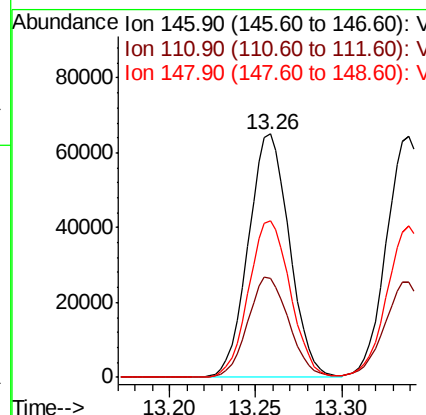
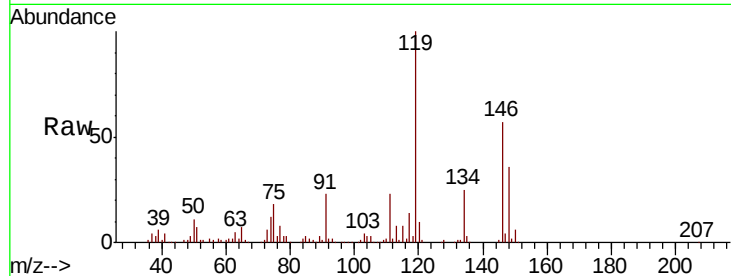




#87
 1,3-Dichlorobenzene
 Concen: 18.259 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

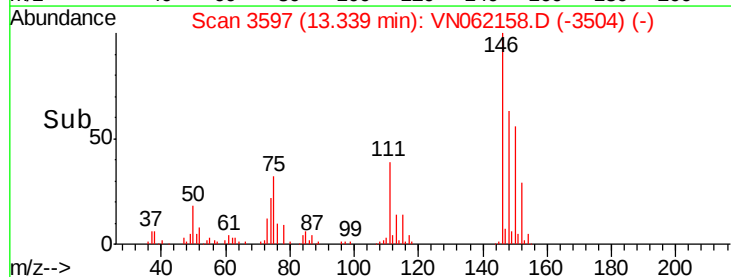
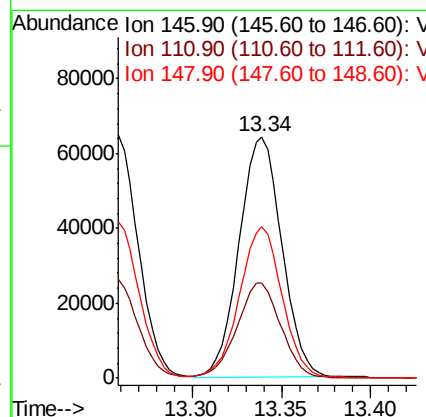
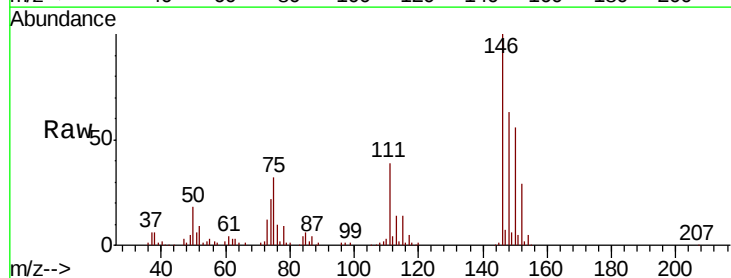
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

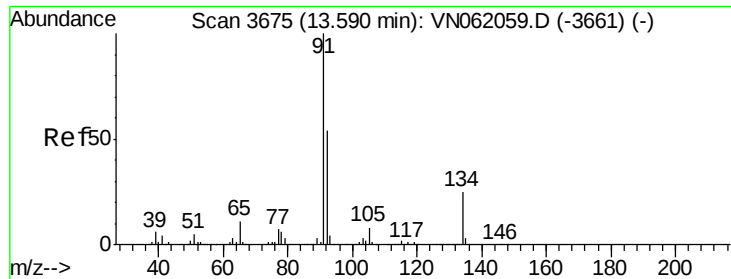
Tot Ion:146 Resp: 108066
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 61.0
 148 65.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.609 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Tgt Ion:146 Resp: 107432
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.9 59.6
 148 62.7 31.9 95.9





#89

n-Butylbenzene

Concen: 18.318 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062158.D

Acq: 26 Jun 2020 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD02

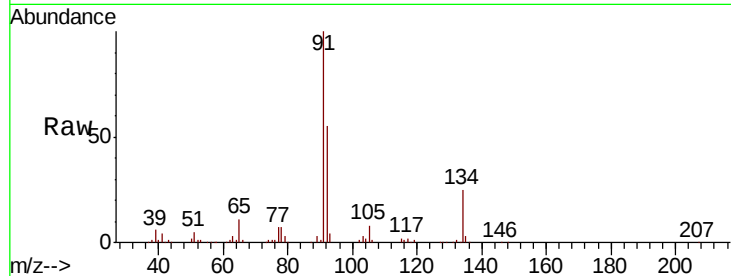
Tot Ion: 91 Resp: 166053

Ion Ratio Lower Upper

91 100

92 53.9 26.6 79.7

134 25.7 12.3 36.9



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

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

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

13.59

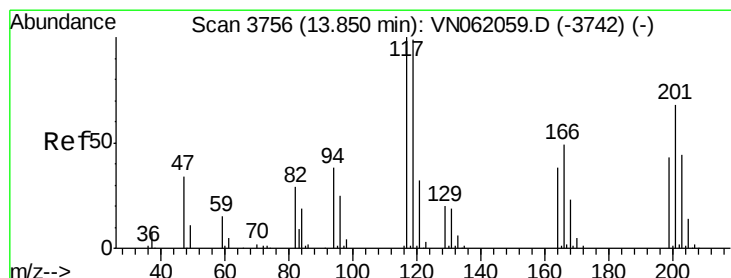
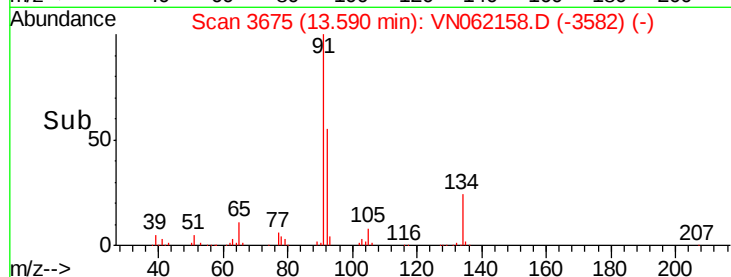
100000

50000

0

Time-->

13.50 13.60 13.70



#90

Hexachloroethane

Concen: 18.564 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062158.D

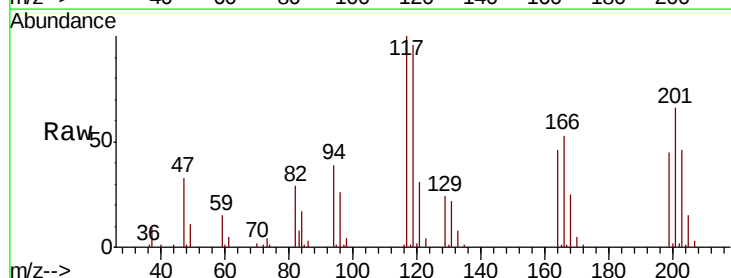
Acq: 26 Jun 2020 23:27

Tgt Ion: 117 Resp: 39715

Ion Ratio Lower Upper

117 100

201 66.5 32.7 98.1



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

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

13.85

25000

20000

15000

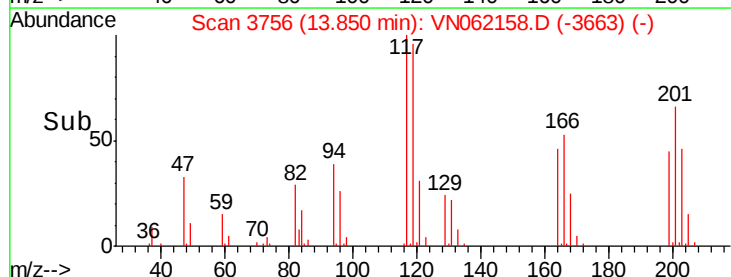
10000

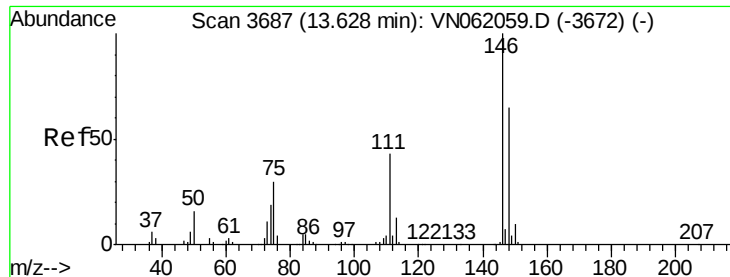
5000

0

Time-->

13.80 13.85 13.90

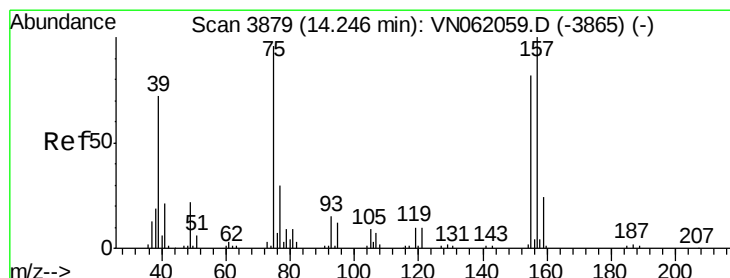
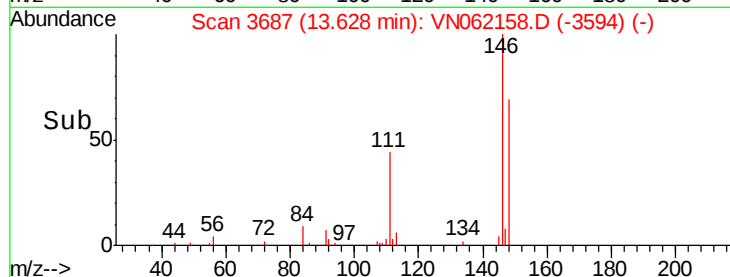
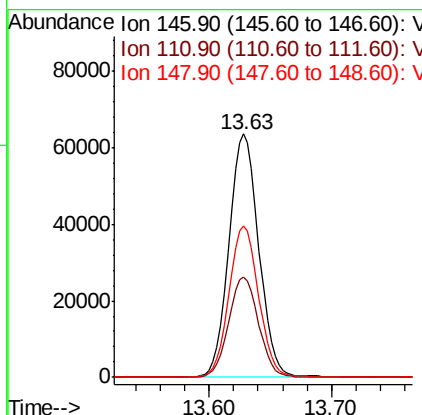
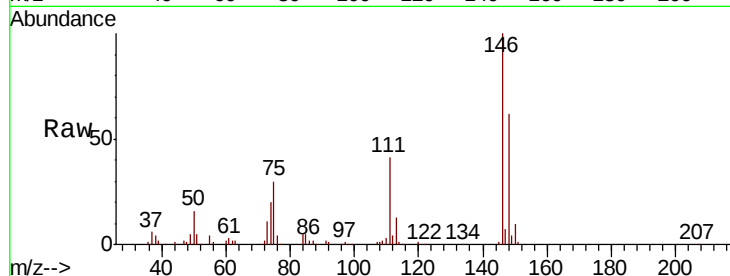




#91
 1,2-Dichlorobenzene
 Concen: 18.945 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

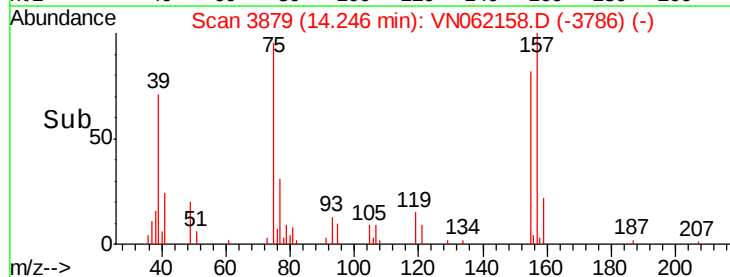
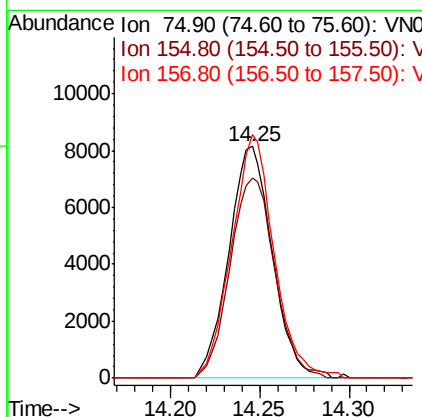
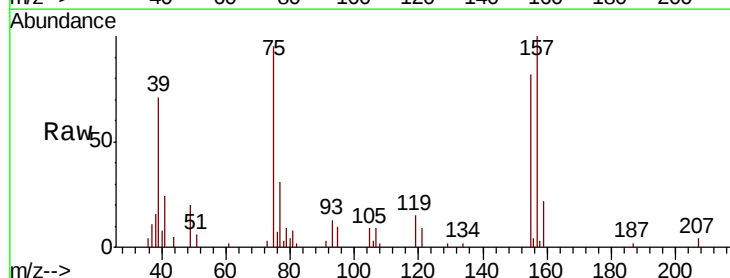
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

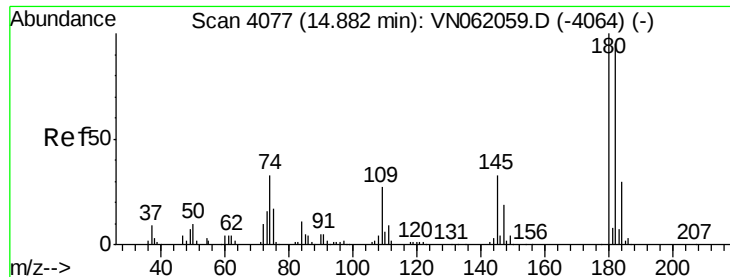
Tot Ion:146 Resp: 108732
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.2 63.6
 148 61.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.077 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Tgt Ion: 75 Resp: 13807
 Ion Ratio Lower Upper
 75 100
 155 88.5 40.8 122.4
 157 102.5 51.4 154.3

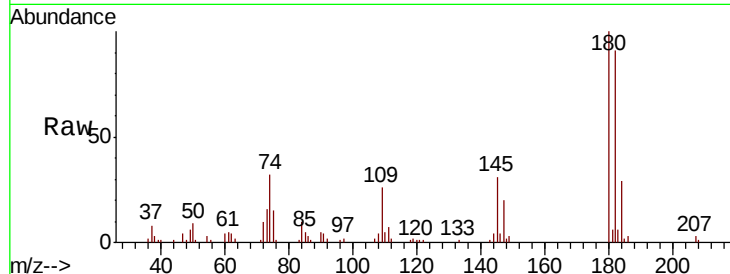




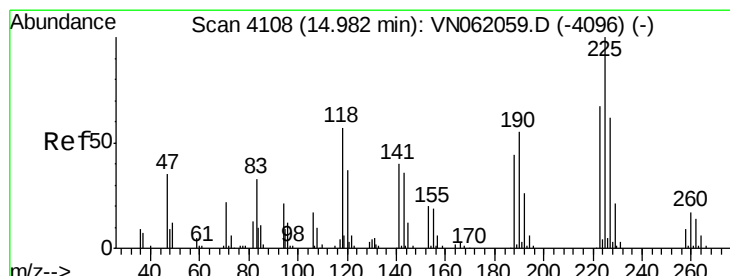
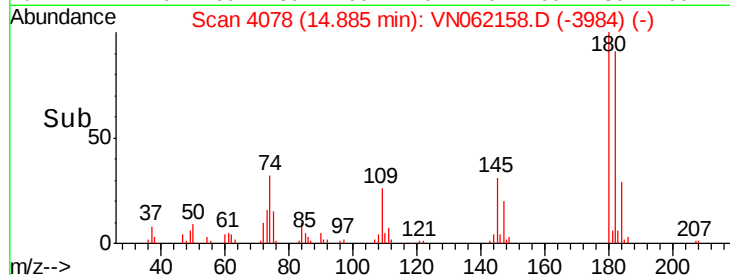
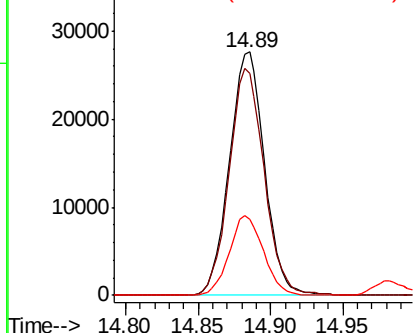
#93
 1,2,4-Trichlorobenzene
 Concen: 18.470 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

Tot Ion:180 Resp: 46309
 Ion Ratio Lower Upper
 180 100
 182 93.1 48.0 144.2
 145 31.7 16.0 48.0

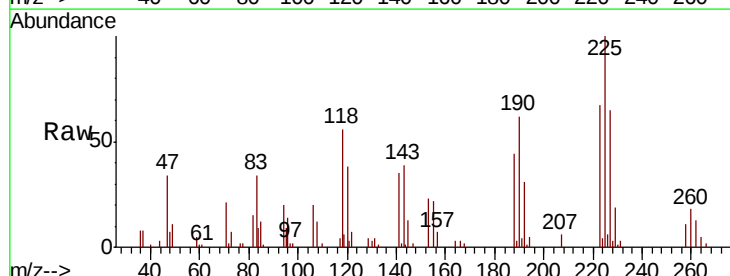


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

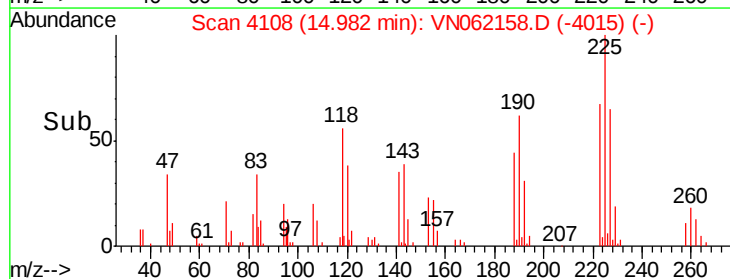
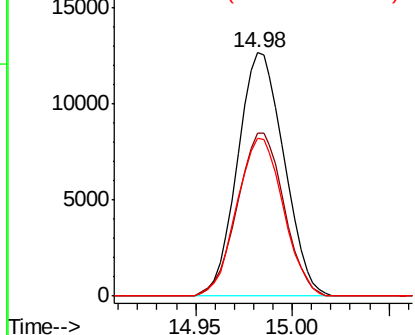


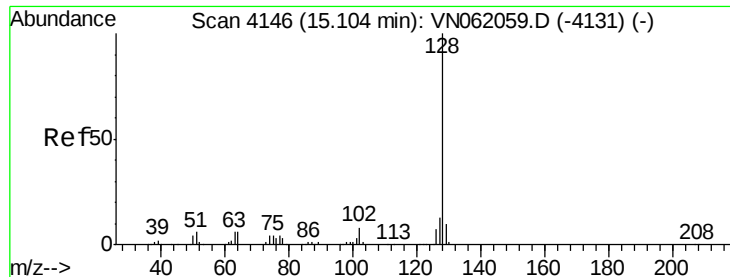
#94
 Hexachlorobutadiene
 Concen: 19.393 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062158.D
 Acq: 26 Jun 2020 23:27

Tgt Ion:225 Resp: 21118
 Ion Ratio Lower Upper
 225 100
 223 67.2 32.9 98.7
 227 65.1 31.3 93.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

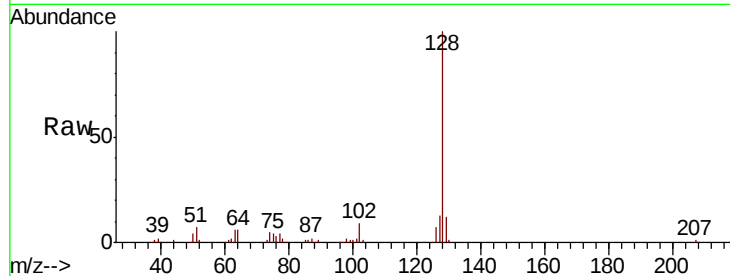




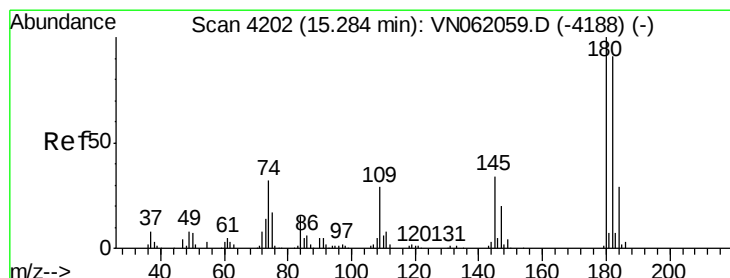
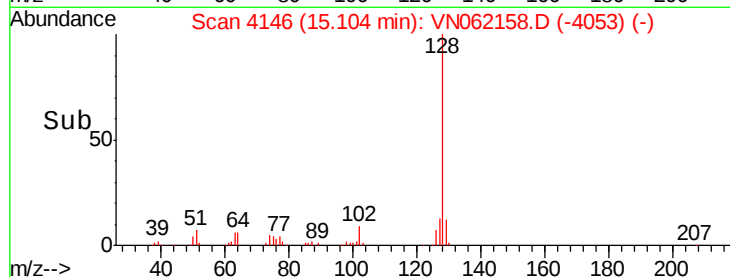
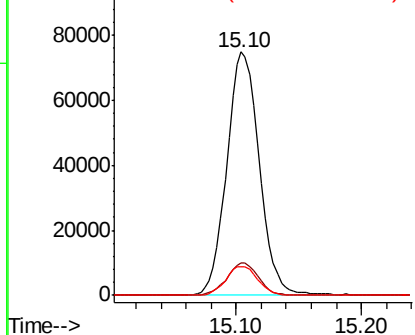
#95
Naphthalene
Concen: 18.805 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD02

Tot Ion:128 Resp: 134558
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.7 8.6 13.0

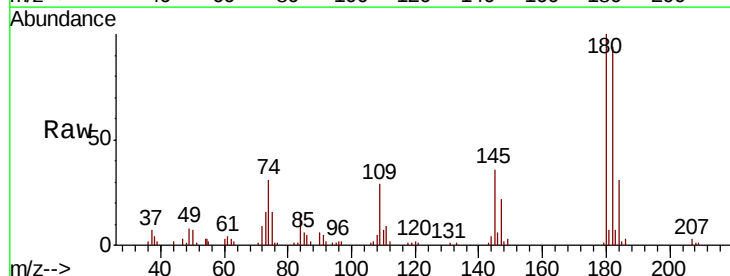


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.643 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062158.D
Acq: 26 Jun 2020 23:27

Tgt Ion:180 Resp: 47794
Ion Ratio Lower Upper
180 100
182 94.2 46.8 140.4
145 34.4 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

