

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063768.D
 Acq On : 1 Oct 2020 13:46
 Operator : JC/MD
 Sample : L4178-04DL2 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4DL2

Quant Time: Oct 02 02:13:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	224724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	197276	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	187645	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.55	113	136235	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
50) Toluene-d8	10.06	98	531115	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.38	95	222253	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.71	59	102	0.249	ug/l #	71
13) Acrolein	3.59	56	65	0.258	ug/l #	14
16) Acetone	3.78	43	1310	1.146	ug/l #	62
17) Carbon Disulfide	4.00	76	529	0.786	ug/l #	76
20) Methylene Chloride	4.49	84	755	0.386	ug/l #	54
31) Cyclohexane	7.62	56	16801	3.898	ug/l #	68
36) 1,1-Dichloropropene	7.63	75	20316	4.912	ug/l #	51
38) Carbon Tetrachloride	7.63	117	24266	5.232	ug/l #	14
39) Methylcyclohexane	9.05	83	20579	4.989	ug/l	95
43) Isopropyl Acetate	8.11	43	1375	0.203	ug/l #	64
48) Methyl methacrylate	9.10	41	1649	0.492	ug/l #	36
52) Toluene	10.13	92	2025	0.277	ug/l	97
55) 1,1,2-Trichloroethane	10.50	97	2193	0.748	ug/l #	14
67) Ethyl Benzene	11.49	91	582121	37.069	ug/l	99
68) m/p-Xylenes	11.59	106	9190	1.570	ug/l	87
73) Isopropylbenzene	12.23	105	64669	4.494	ug/l	97
74) N-amyl acetate	12.02	43	2050	2.509	ug/l #	55
76) 1,2,3-Trichloropropane	12.38	75	125171	28.783	ug/l #	100
78) n-propylbenzene	12.57	91	216417	12.923	ug/l	98
79) 2-Chlorotoluene	12.71	91	33721	3.274	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	298963	24.766	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	125171	82.900	ug/l #	6
82) 4-Chlorotoluene	12.71	91	33721	3.154	ug/l #	44
83) tert-Butylbenzene	13.02	119	179569	18.185	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.02	105	1529530	126.905	ug/l	98
85) sec-Butylbenzene	13.02	105	1529530	117.933	ug/l #	58
86) p-Isopropyltoluene	13.26	119	9429	0.822	ug/l #	73
89) n-Butylbenzene	13.56	91	9568	0.904	ug/l #	1
90) Hexachloroethane	13.86	117	7714	3.470	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.89	180	258	1.809	ug/l #	1
95) Naphthalene	15.10	128	161912	16.550	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	266	1.645	ug/l #	80

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

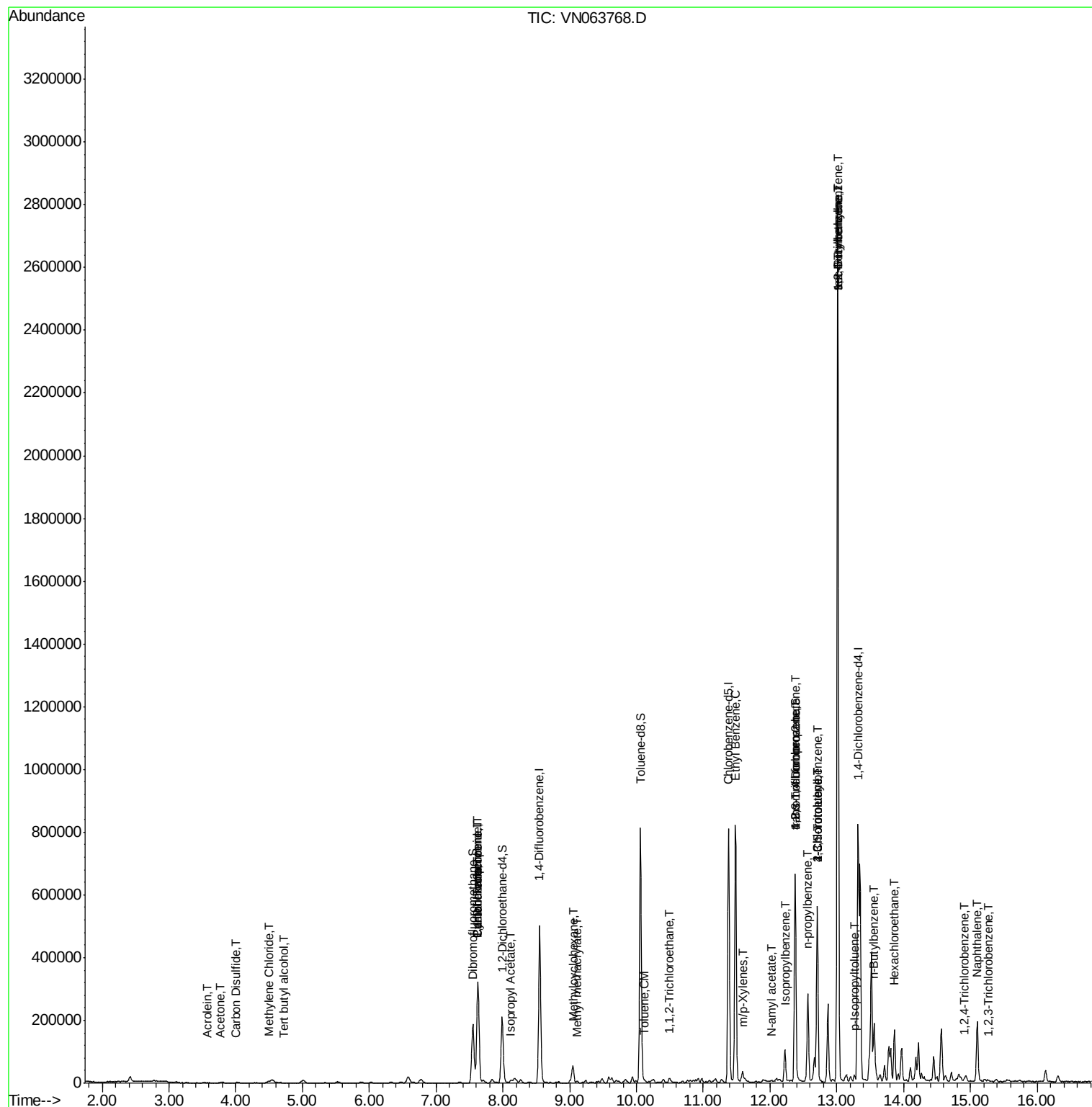
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

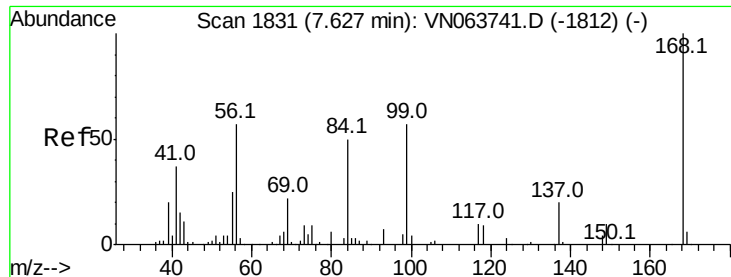
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

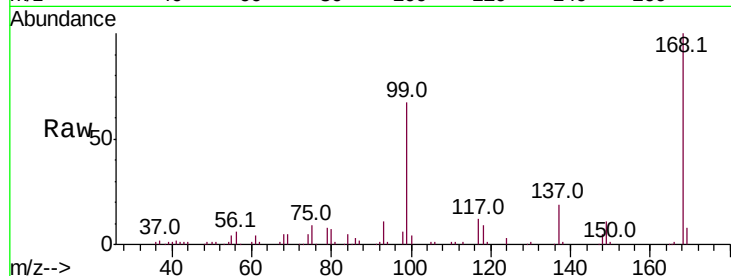
TP-4DL2

Tot Ion:168 Resp: 224724

Ion Ratio Lower Upper

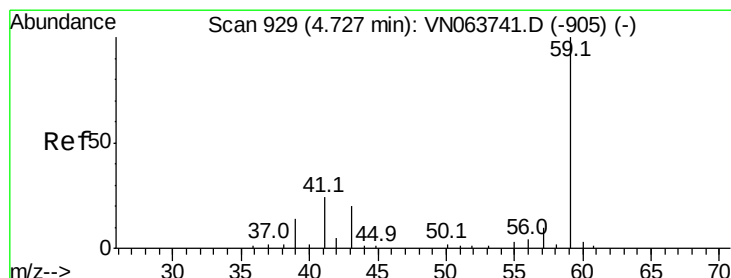
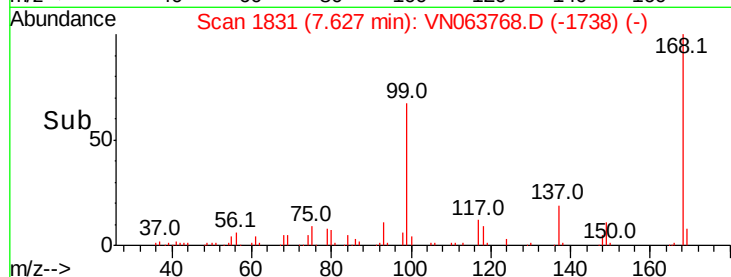
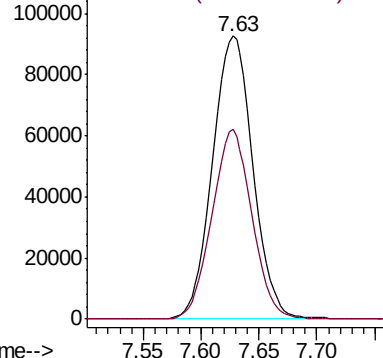
168 100

99 66.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 0.249 ug/l

RT: 4.71 min Scan# 925

Delta R.T. -0.01 min

Lab File: VN063768.D

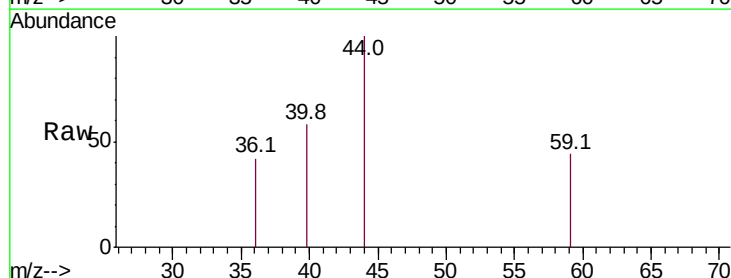
Acq: 1 Oct 2020 13:46

Tgt Ion: 59 Resp: 102

Ion Ratio Lower Upper

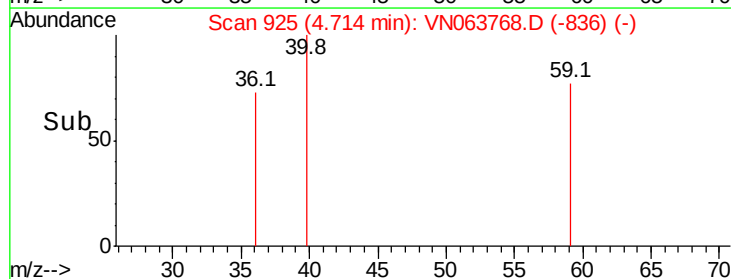
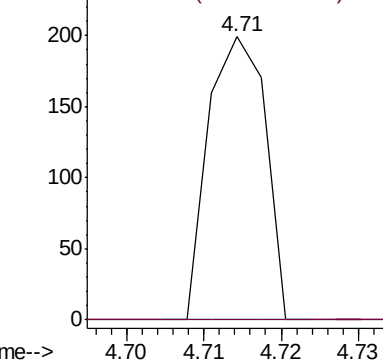
59 100

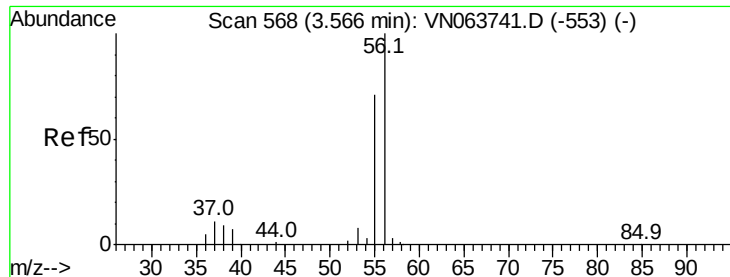
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#13

Acrolein

Concen: 0.258 ug/l

RT: 3.59 min Scan# 575

Delta R.T. 0.02 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

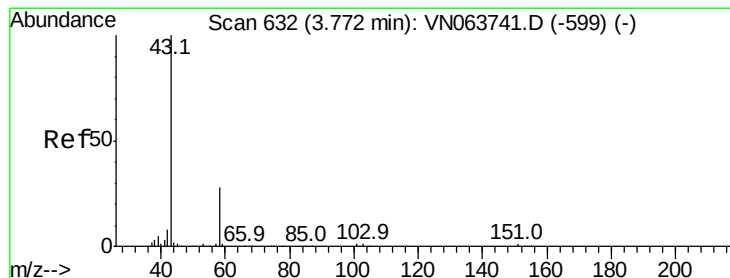
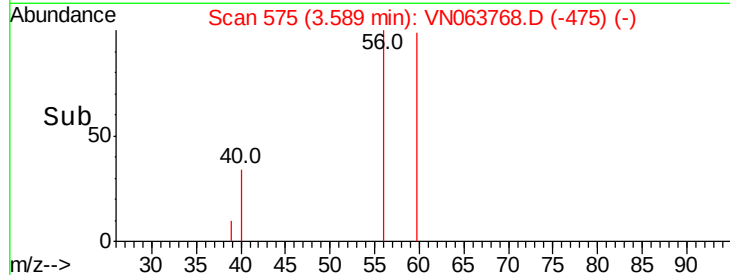
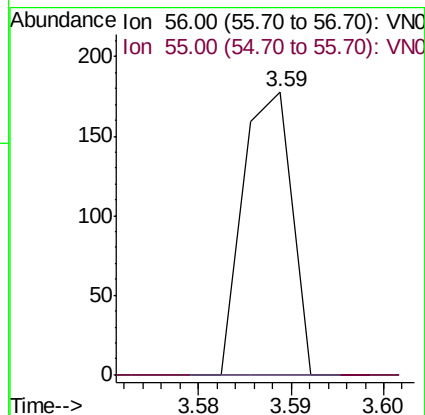
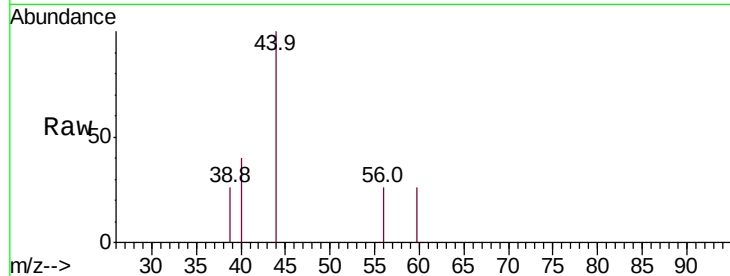
TP-4DL2

Tot Ion: 56 Resp: 65

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#16

Acetone

Concen: 1.146 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063768.D

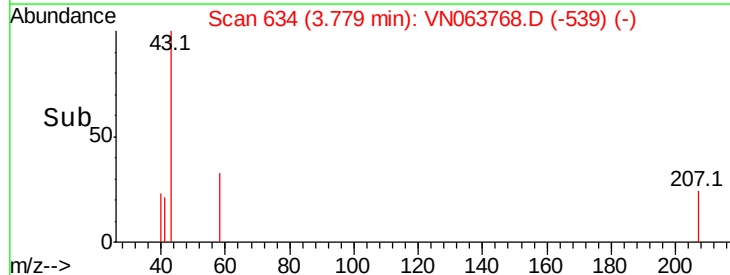
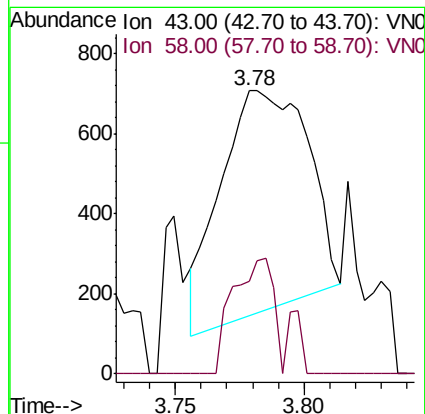
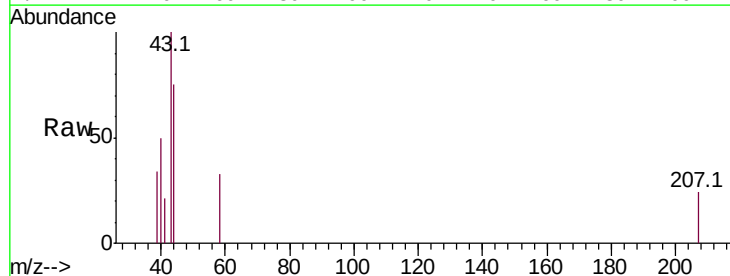
Acq: 1 Oct 2020 13:46

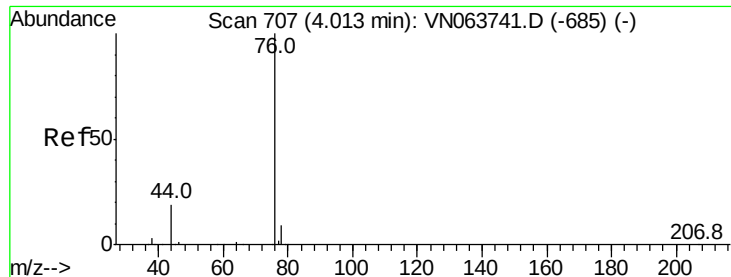
Tgt Ion: 43 Resp: 1310

Ion Ratio Lower Upper

43 100

58 47.9 22.3 33.5#





#17

Carbon Disulfide

Concen: 0.786 ug/l

RT: 4.00 min Scan# 703

Delta R.T. -0.01 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

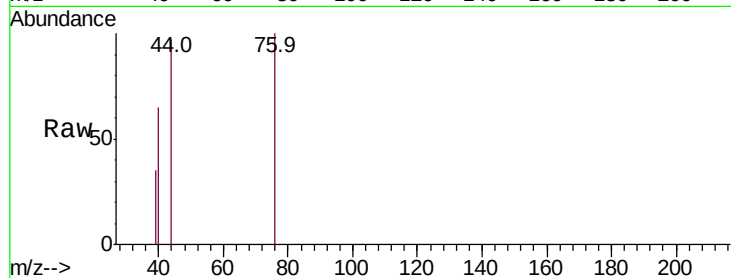
TP-4DL2

Tot Ion: 76 Resp: 529

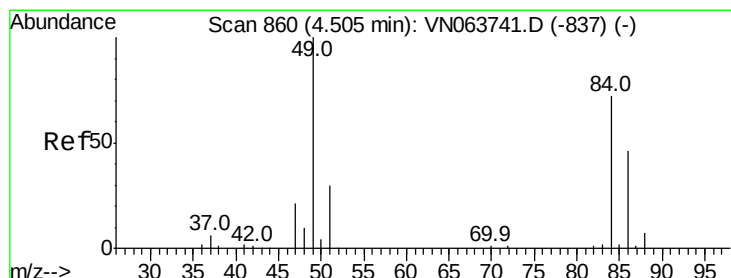
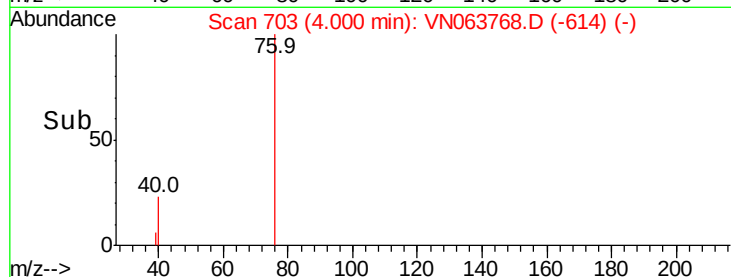
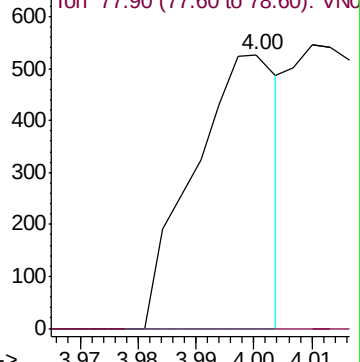
Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-685) (-)



#20

Methylene Chloride

Concen: 0.386 ug/l

RT: 4.49 min Scan# 856

Delta R.T. -0.01 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Tgt Ion: 84 Resp: 755

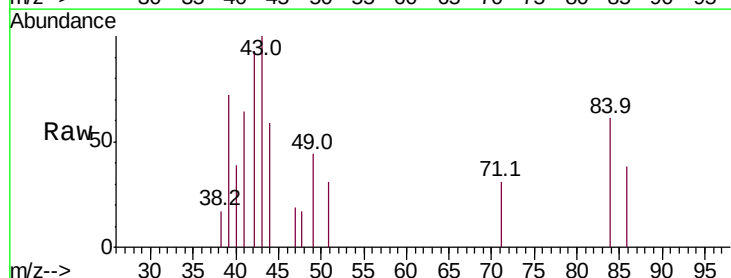
Ion Ratio Lower Upper

84 100

49 45.5 110.4 165.6#

51 50.7 33.3 49.9#

86 62.3 50.7 76.1

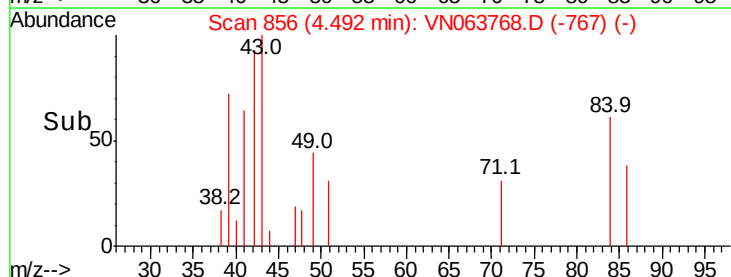
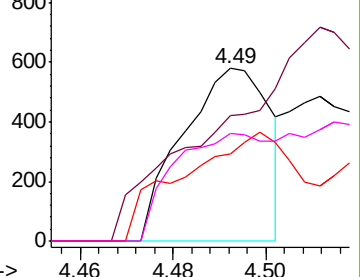


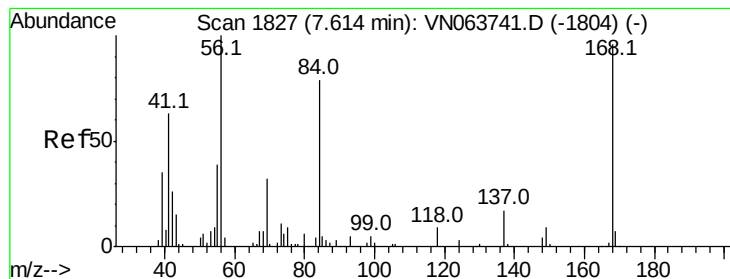
Abundance Ion 83.90 (83.60 to 84.60): VN063741.D (-837) (-)

Ion 48.90 (48.60 to 49.60): VN063741.D (-837) (-)

Ion 50.90 (50.60 to 51.60): VN063741.D (-837) (-)

Ion 85.90 (85.60 to 86.60): VN063741.D (-837) (-)





#31

Cyclohexane

Concen: 3.898 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

TP-4DL2

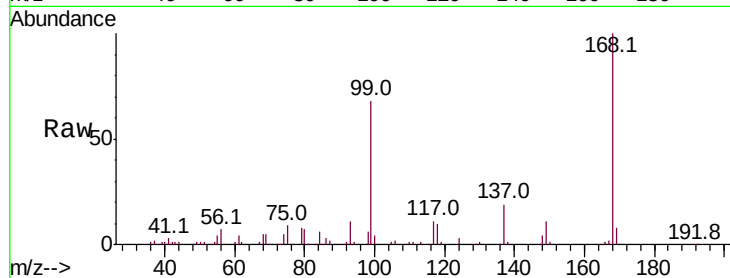
Tot Ion: 56 Resp: 16801

Ion Ratio Lower Upper

56 100

69 79.1 25.4 38.2#

84 88.2 63.3 94.9



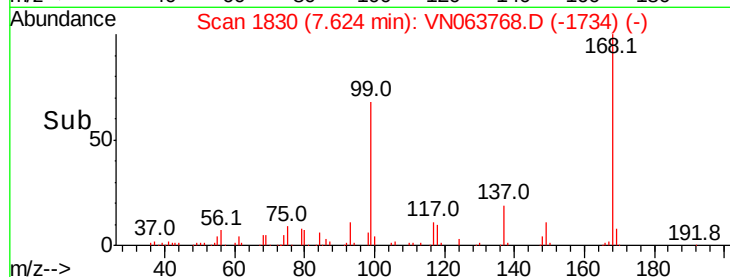
Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN063741.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN063741.D (-1804) (-)

7.62

Time-->



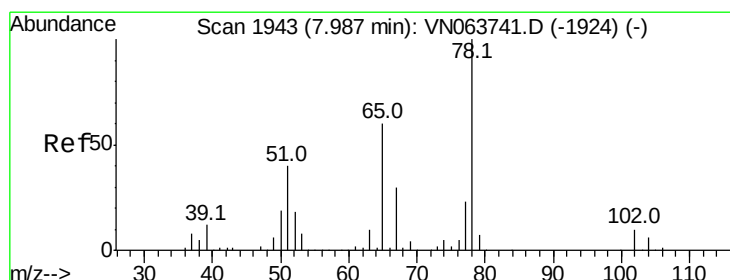
Abundance Ion 56.00 (55.70 to 56.70): VN063768.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063768.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063768.D (-1734) (-)

7.62

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.543 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063768.D

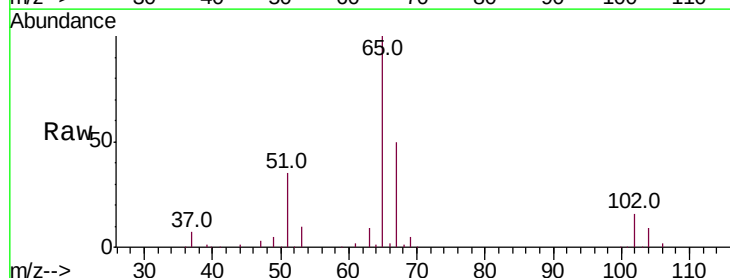
Acq: 1 Oct 2020 13:46

Tgt Ion: 65 Resp: 187645

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.6

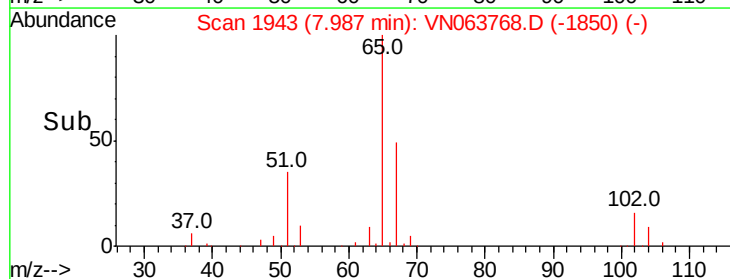


Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)

7.99

Time-->

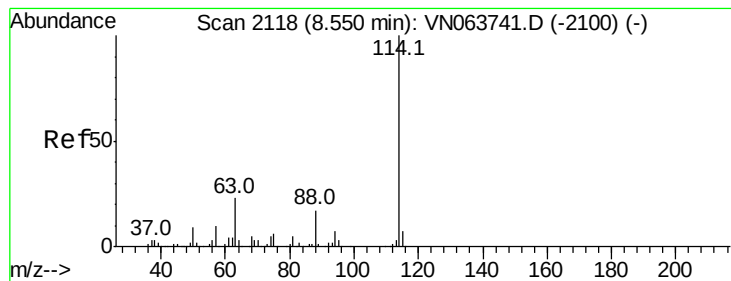


Abundance Ion 64.90 (64.60 to 65.60): VN063768.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063768.D (-1850) (-)

7.99

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

TP-4DL2

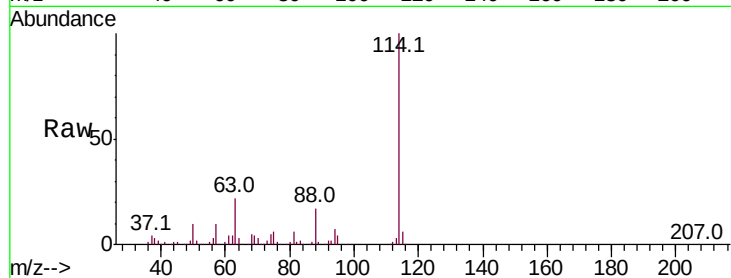
Tot Ion:114 Resp: 408281

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

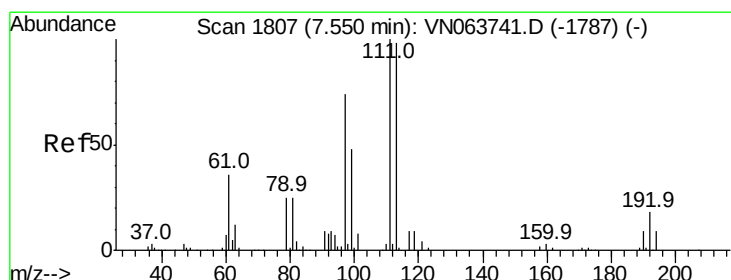
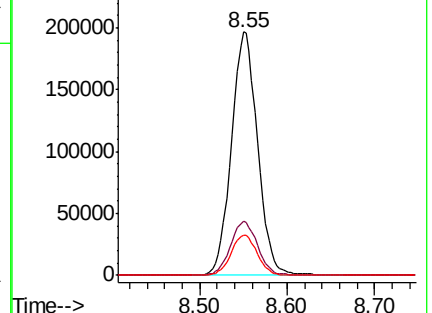
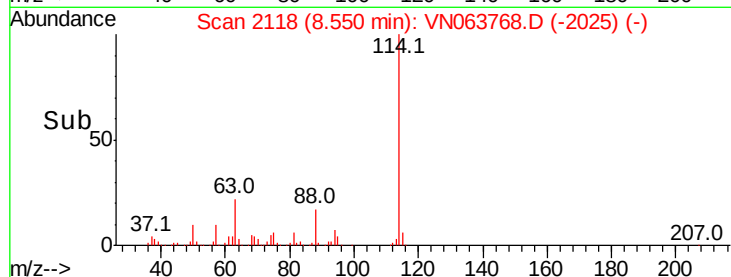
88 16.7 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.089 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

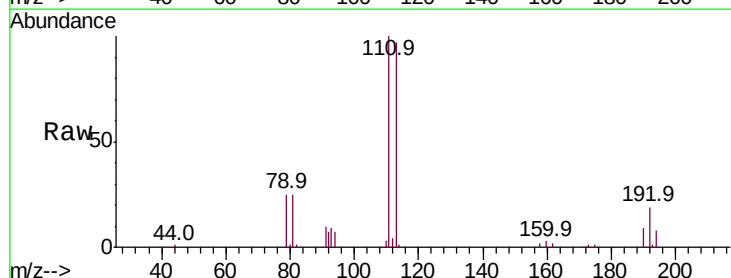
Tgt Ion:113 Resp: 136235

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

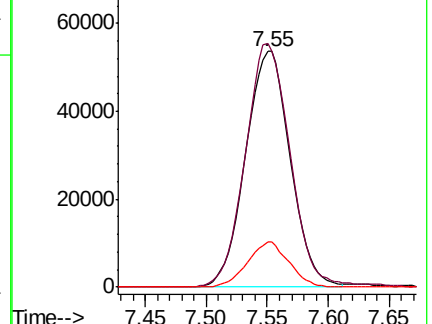
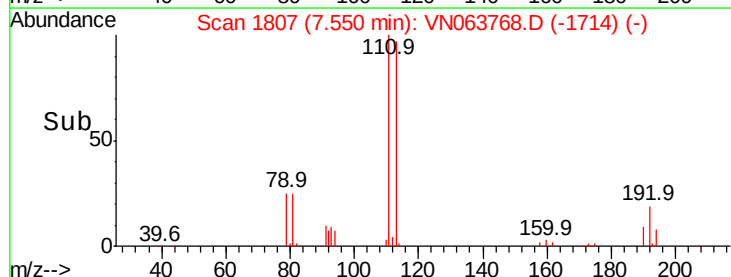
192 17.7 14.2 21.2

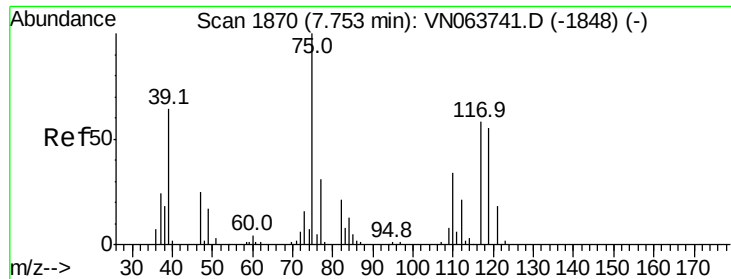


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

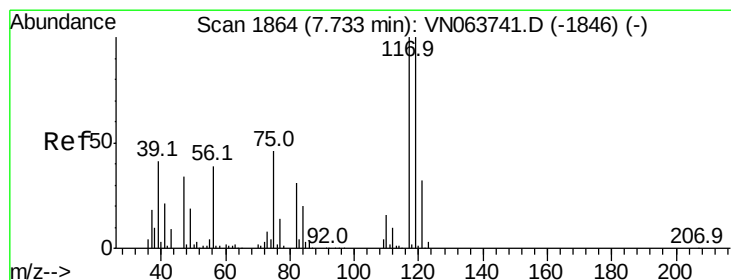
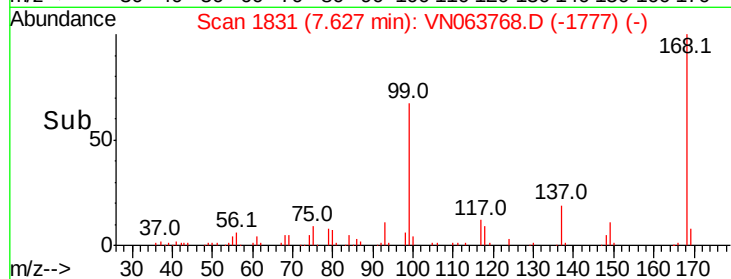
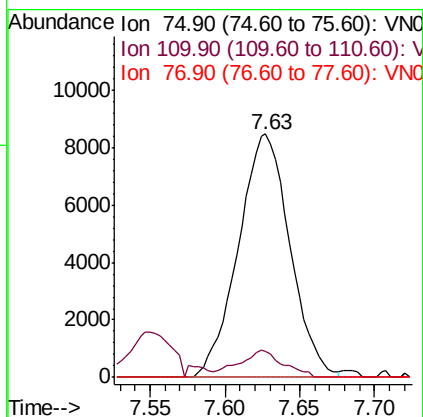
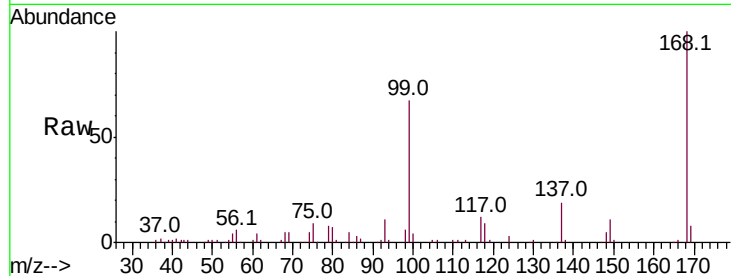




#36
 1,1-Dichloropropene
 Concen: 4.912 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

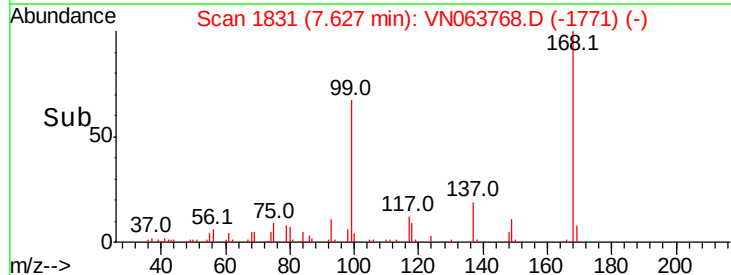
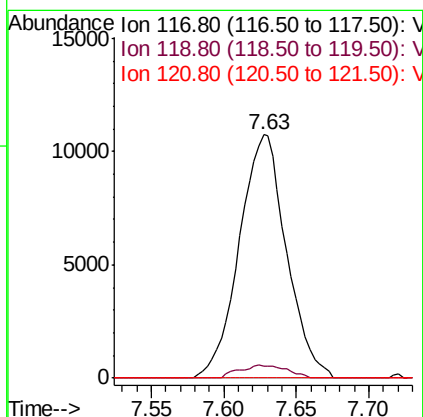
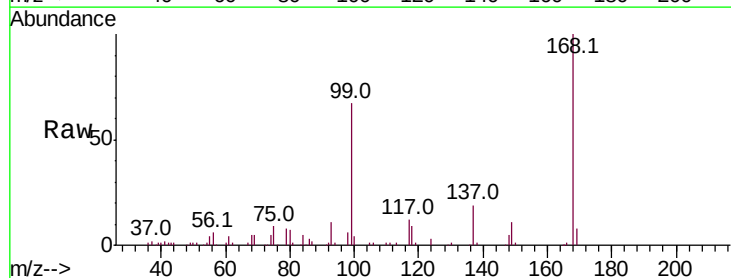
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4DL2

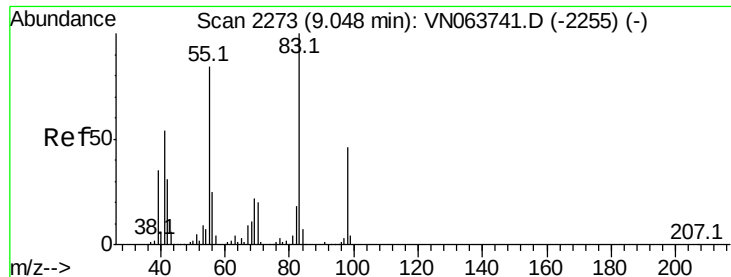
Tot Ion: 75 Resp: 20316
 Ion Ratio Lower Upper
 75 100
 110 9.6 16.9 50.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.232 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

Tgt Ion: 117 Resp: 24266
 Ion Ratio Lower Upper
 117 100
 119 5.1 80.1 120.1#
 121 0.0 25.7 38.5#

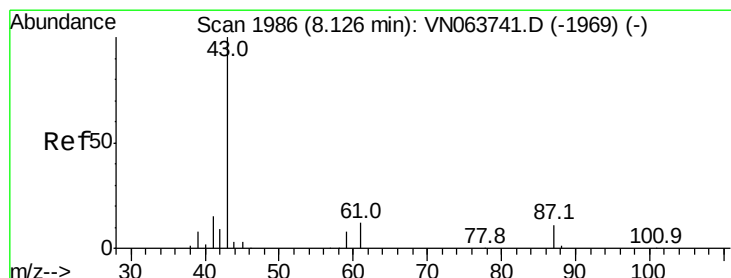
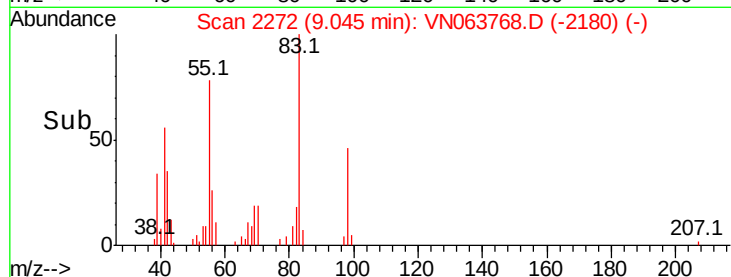
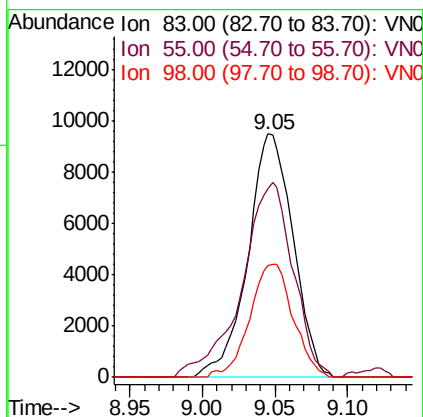
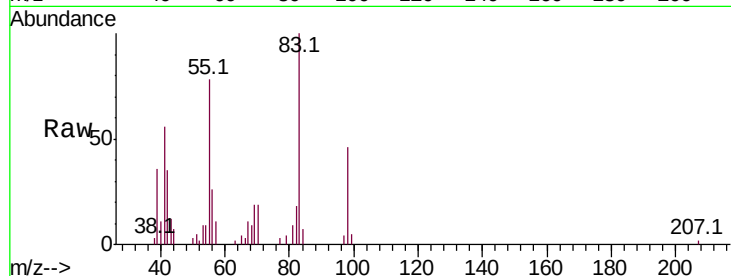




#39
Methylvlcyclohexane
Concen: 4.989 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

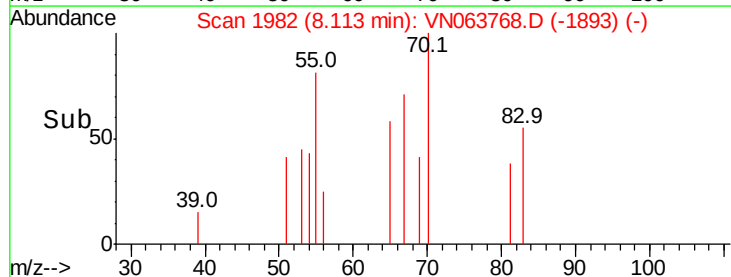
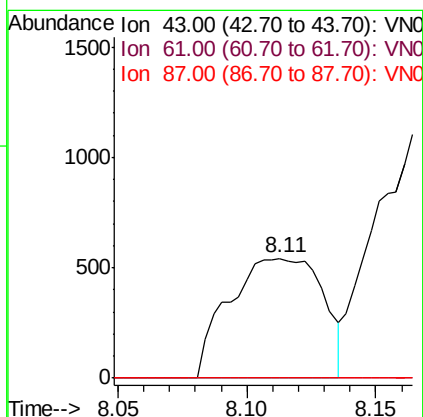
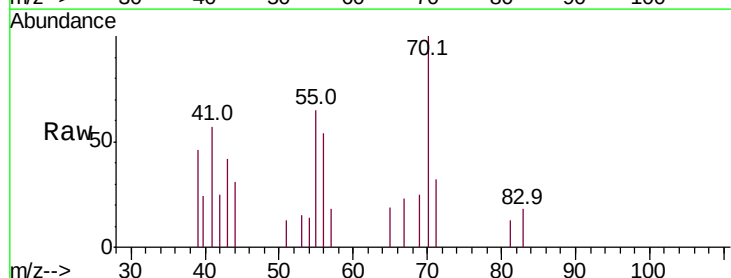
Instrument :
MSVOA_N
ClientSampled :
TP-4DL2

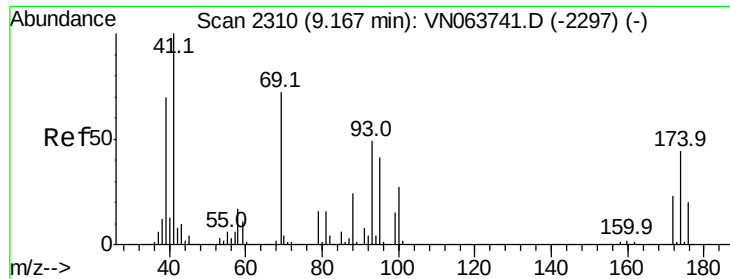
Tot Ion: 83 Resp: 20579
Ion Ratio Lower Upper
83 100
55 77.6 67.1 100.7
98 45.7 36.6 54.8



#43
Isopropyl Acetate
Concen: 0.203 ug/l
RT: 8.11 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
87 0.0 9.0 13.6#

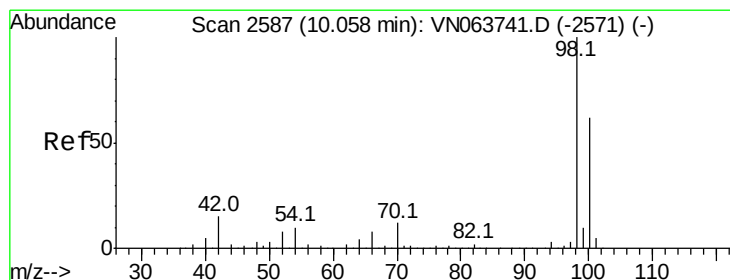
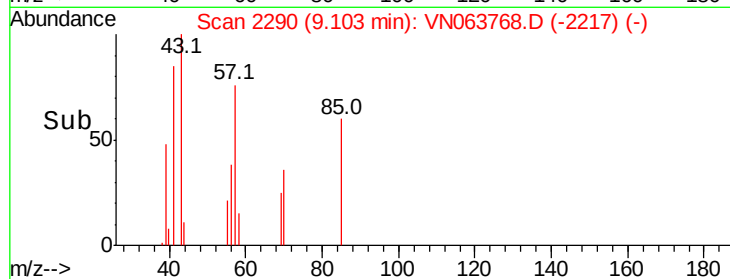
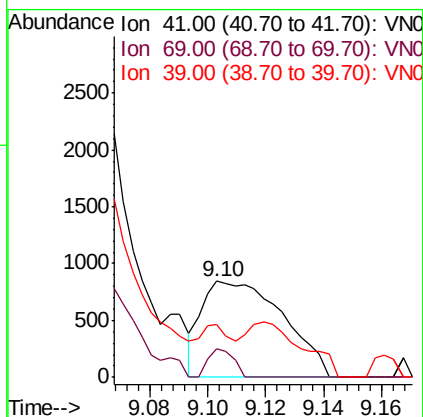
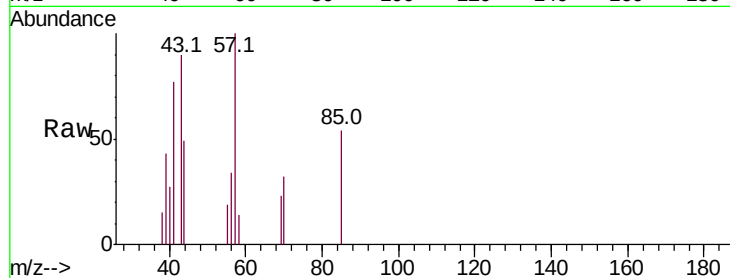




#48
Methvl methacrylate
Concen: 0.492 ug/l
RT: 9.10 min Scan# 2290
Delta R.T. -0.06 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

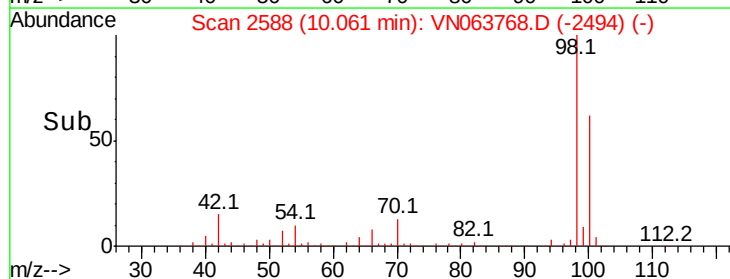
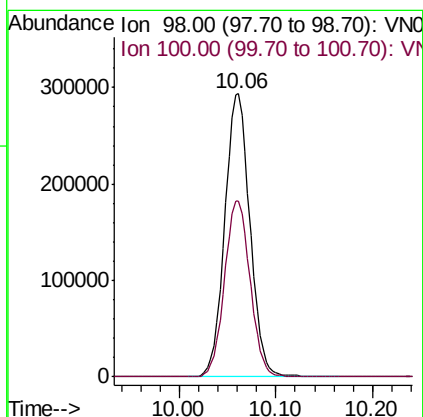
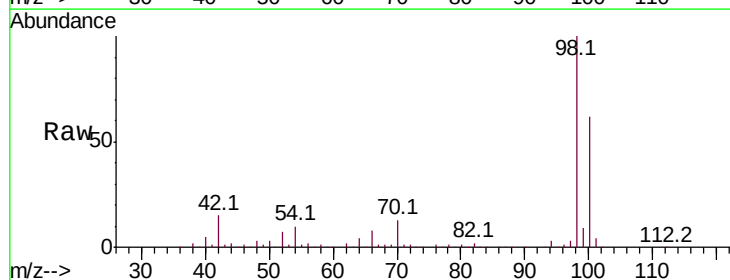
Instrument :
MSVOA_N
ClientSampled :
TP-4DL2

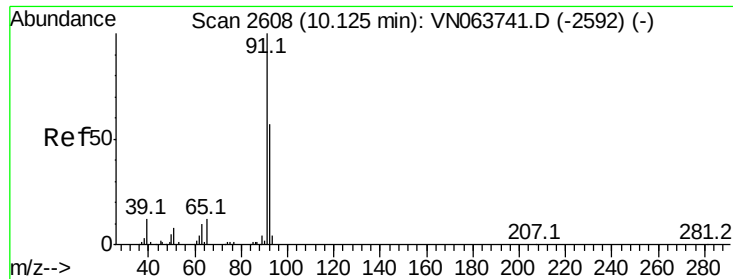
Tot Ion: 41 Resp: 1649
Ion Ratio Lower Upper
41 100
69 0.0 60.9 91.3#
39 40.0 57.5 86.3#



#50
Toluene-d8
Concen: 49.454 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Tgt Ion: 98 Resp: 531115
Ion Ratio Lower Upper
98 100
100 63.3 49.8 74.6





#52

Toluene

Concen: 0.277 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

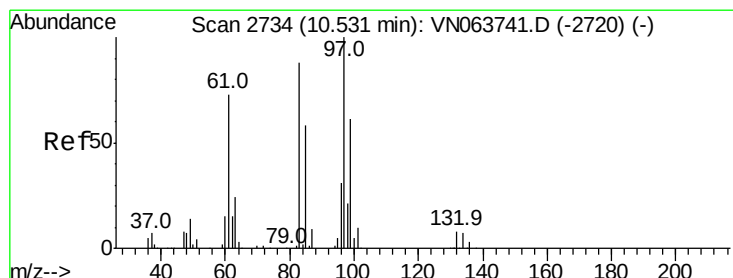
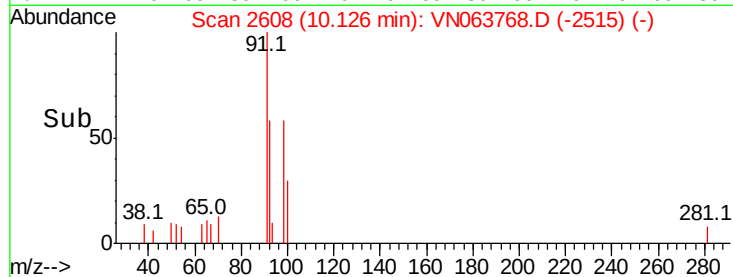
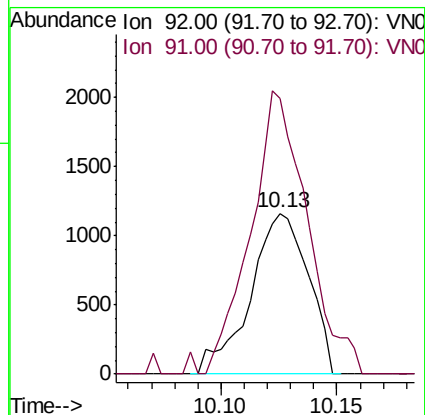
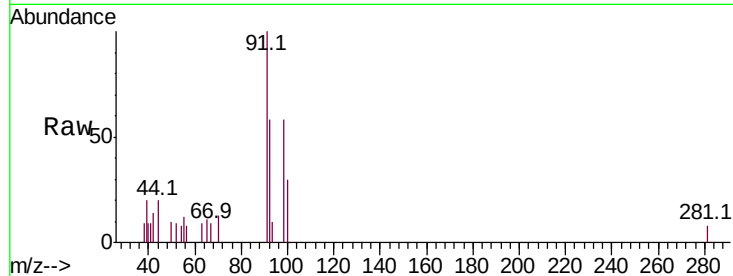
TP-4DL2

Tot Ion: 92 Resp: 2025

Ion Ratio Lower Upper

92 100

91 172.0 140.6 210.8



#55

1,1,2-Trichloroethane

Concen: 0.748 ug/l

RT: 10.50 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Tgt Ion: 97 Resp: 2193

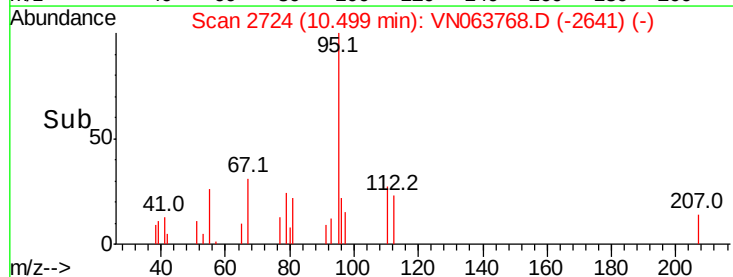
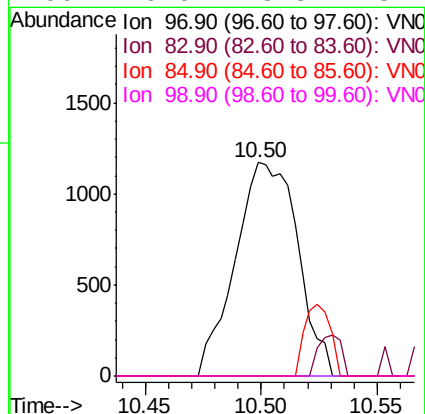
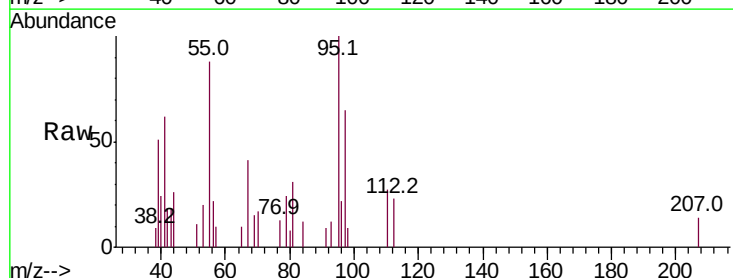
Ion Ratio Lower Upper

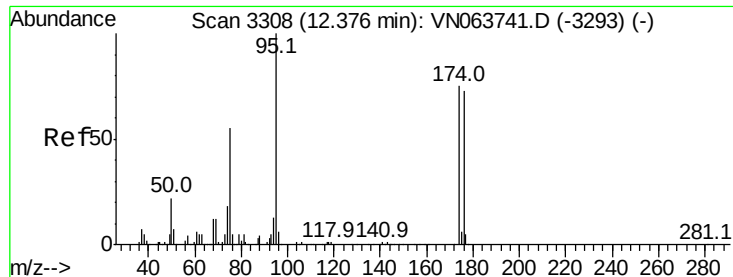
97 100

83 0.0 70.7 106.1#

85 0.0 46.1 69.1#

99 0.0 48.8 73.2#





#62

4-Bromofluorobenzene

Concen: 55.053 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

TP-4DL2

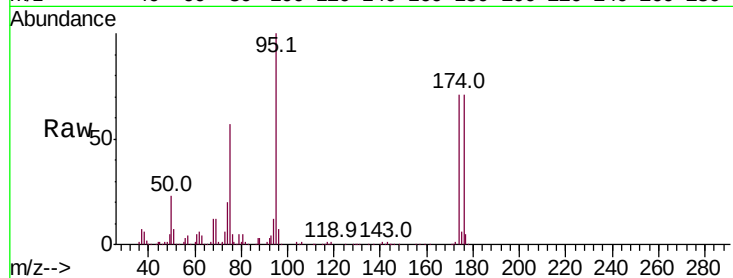
Tot Ion: 95 Resp: 222253

Ion Ratio Lower Upper

95 100

174 72.7 0.0 150.6

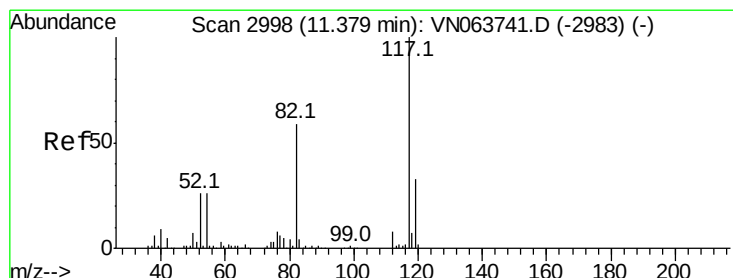
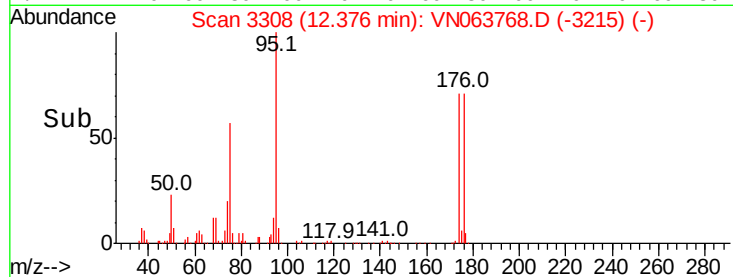
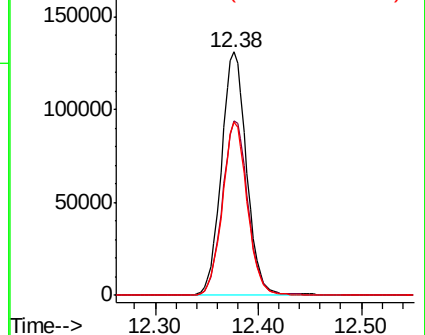
176 70.3 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

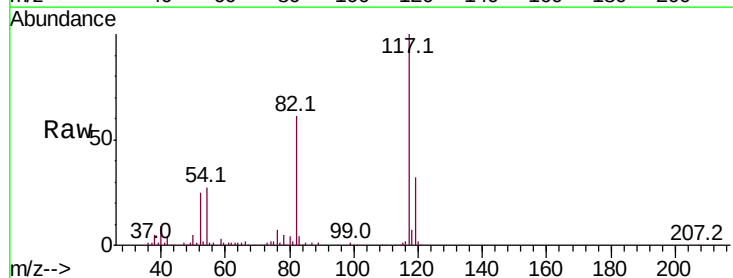
Tgt Ion: 117 Resp: 420717

Ion Ratio Lower Upper

117 100

82 61.3 47.4 71.2

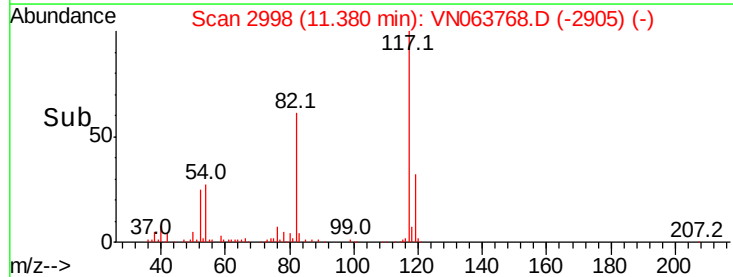
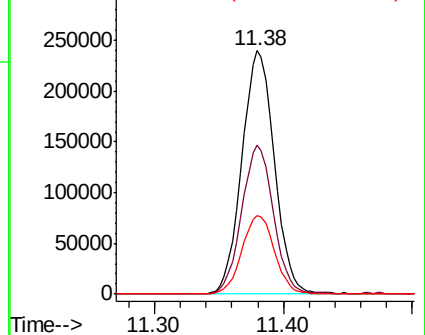
119 32.3 26.4 39.6

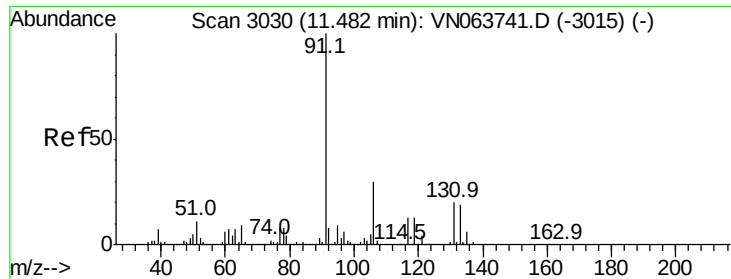


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

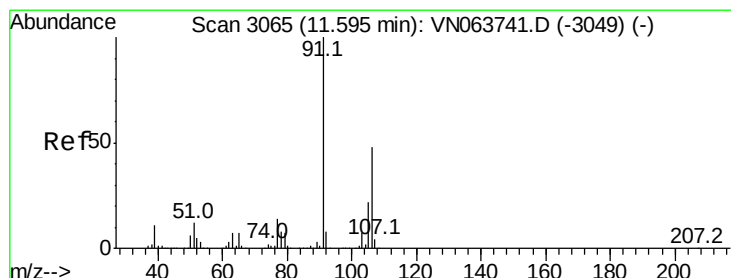
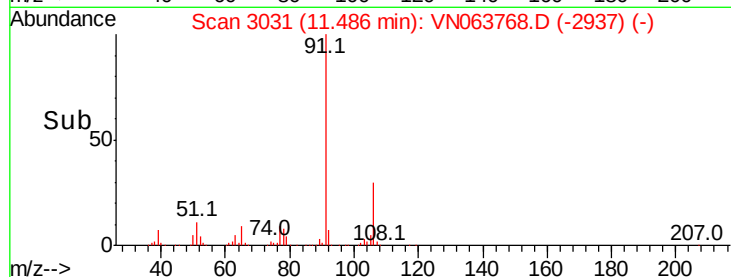
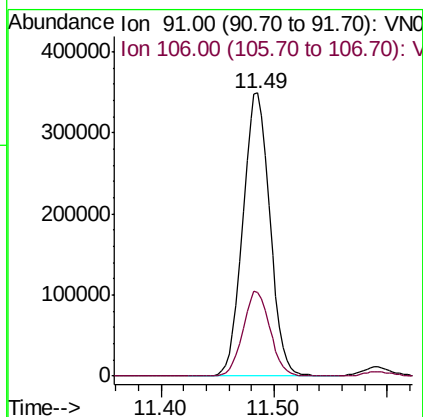
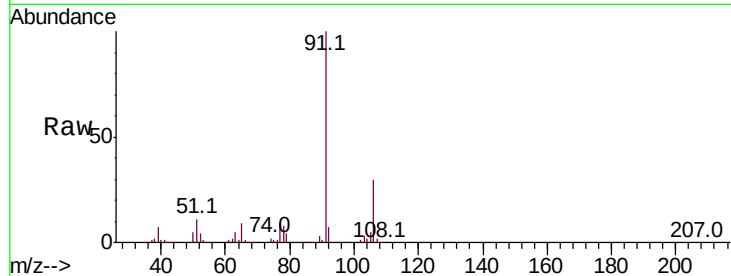




#67
Ethyl Benzene
Concen: 37.069 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

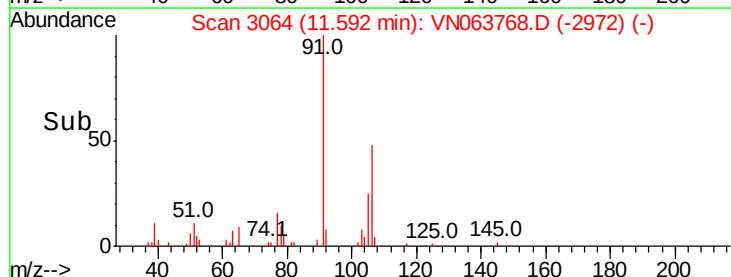
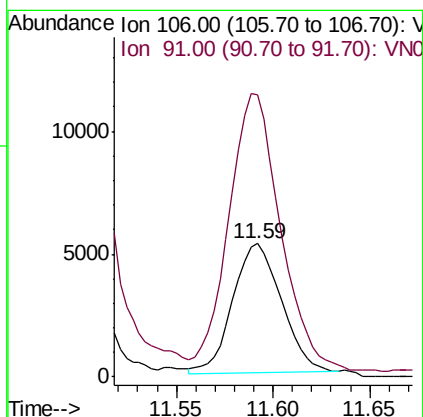
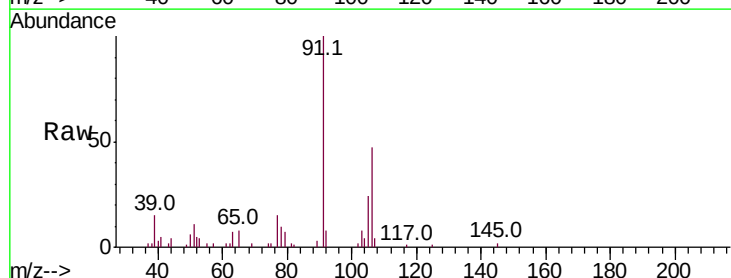
Instrument :
MSVOA_N
ClientSampled :
TP-4DL2

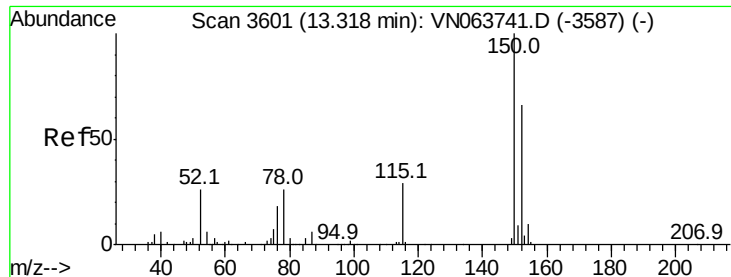
Tot Ion: 91 Resp: 582121
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2



#68
m/p-Xylenes
Concen: 1.570 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Tgt Ion: 106 Resp: 9190
Ion Ratio Lower Upper
106 100
91 230.7 168.0 252.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

TP-4DL2

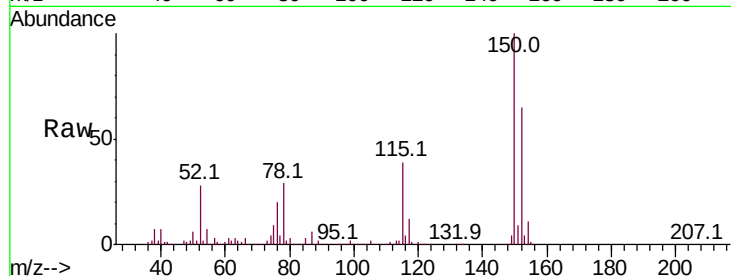
Tot Ion:152 Resp: 197276

Ion Ratio Lower Upper

152 100

115 68.6 31.3 93.8

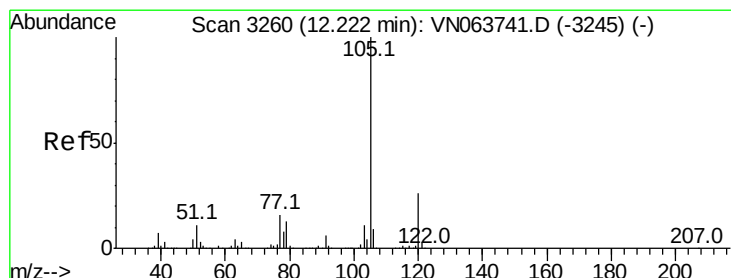
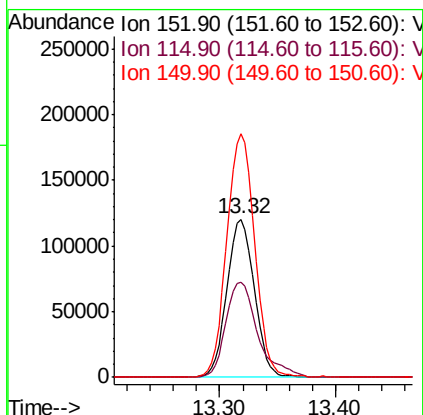
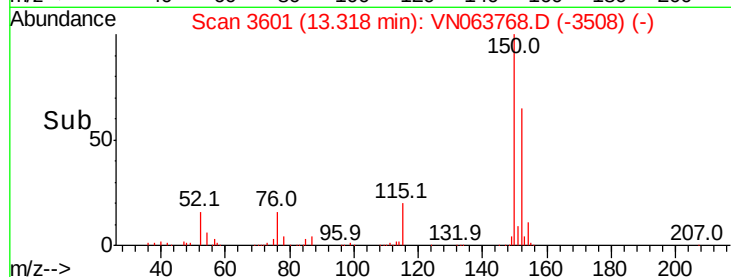
150 155.9 0.0 341.8



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: 4.494 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063768.D

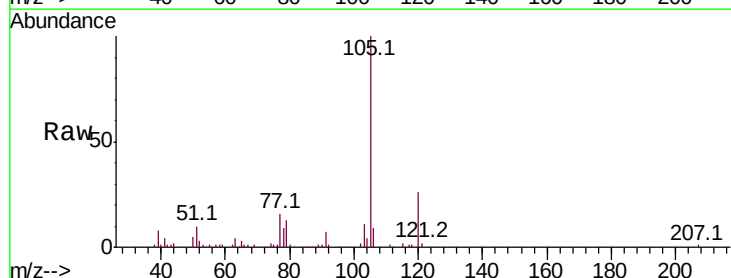
Acq: 1 Oct 2020 13:46

Tgt Ion:105 Resp: 64669

Ion Ratio Lower Upper

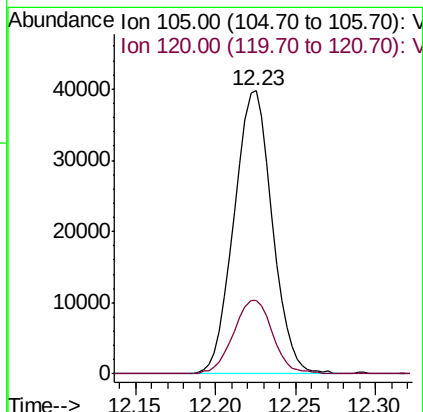
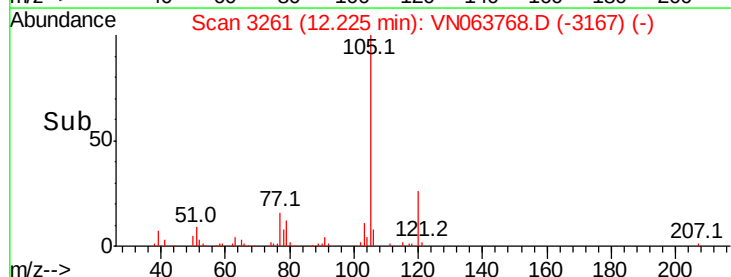
105 100

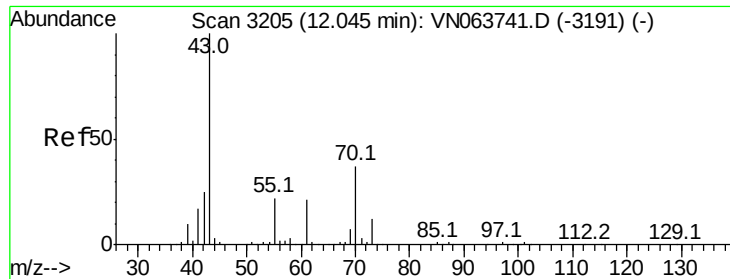
120 26.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

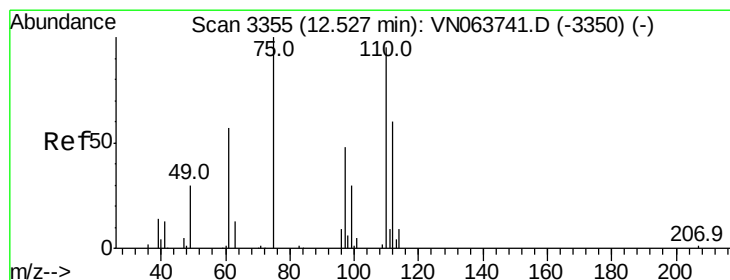
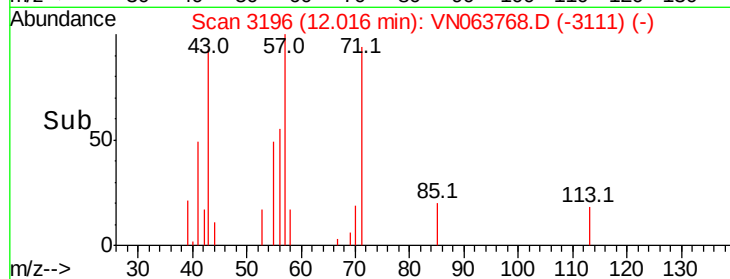
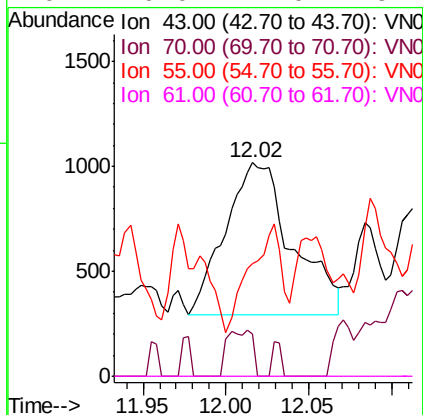
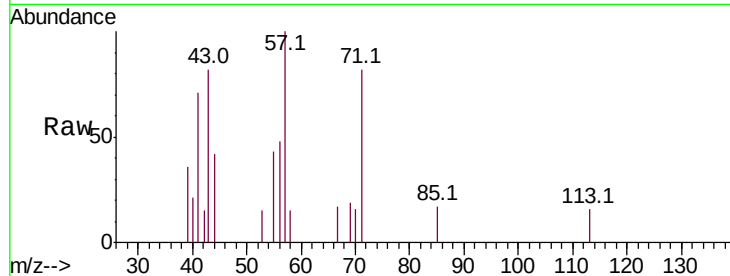




#74
N-amvl acetate
Concen: 2.509 ug/l
RT: 12.02 min Scan# 3196
Delta R.T. -0.03 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

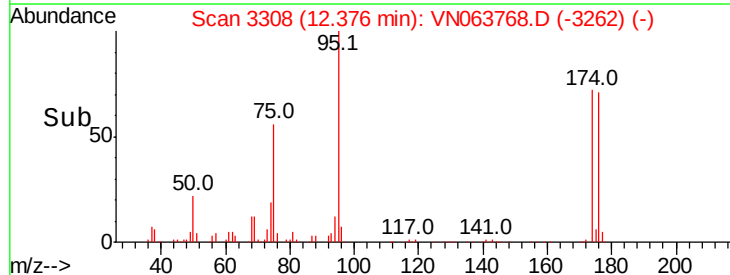
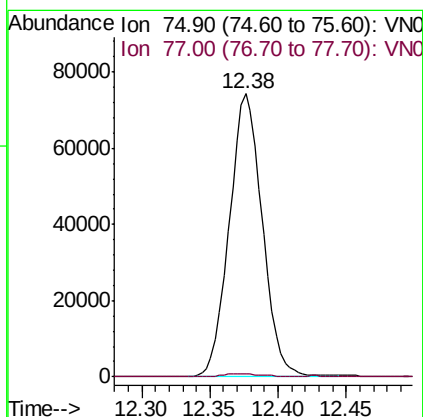
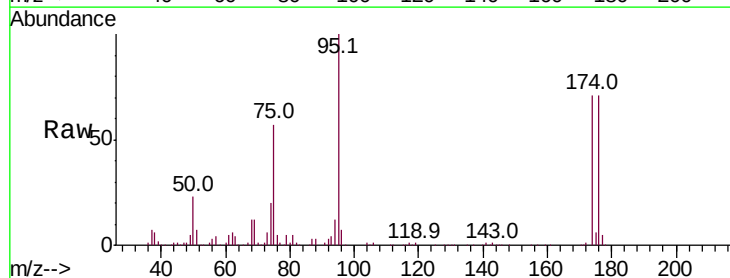
Instrument :
MSVOA_N
ClientSampled :
TP-4DL2

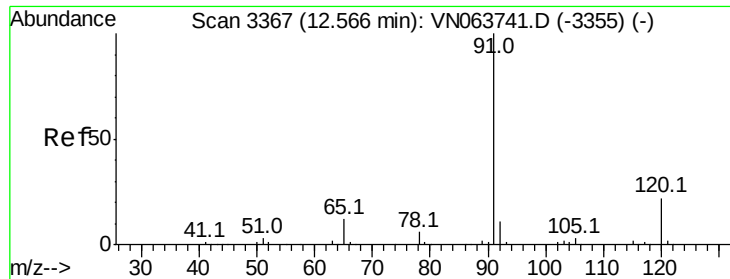
Tot Ion: 43 Resp: 2050
Ion Ratio Lower Upper
43 100
70 11.4 29.8 44.8#
55 0.0 17.9 26.9#
61 0.0 17.0 25.4#



#76
1,2,3-Trichloropropane
Concen: 28.783 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Tgt Ion: 75 Resp: 125171
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

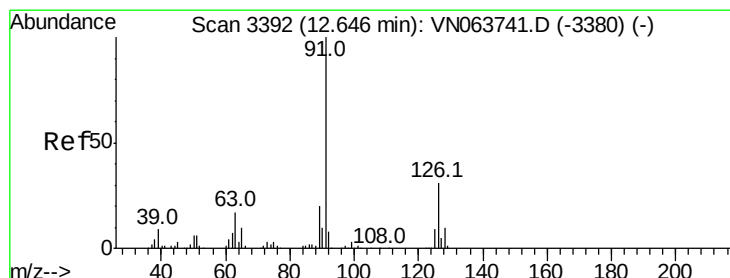
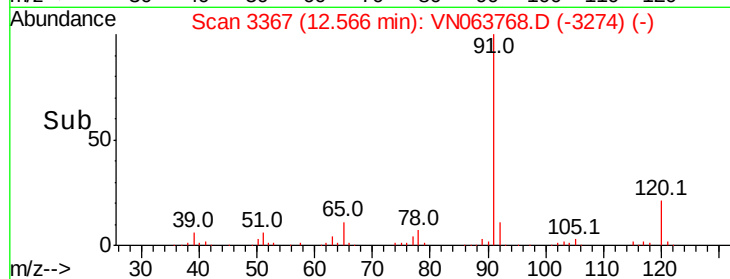
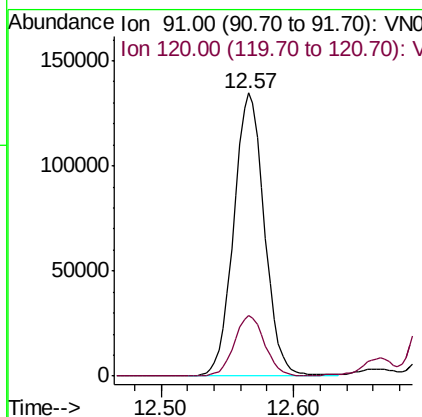
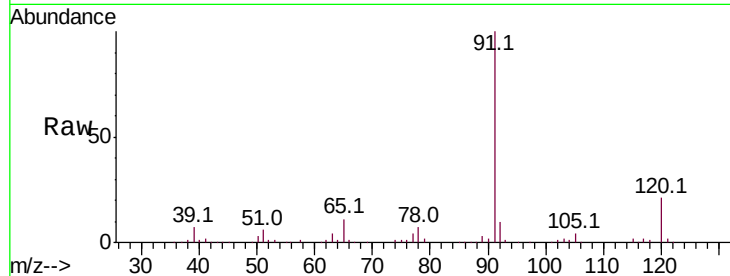




#78
 n-propylbenzene
 Concen: 12.923 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. 0.00 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

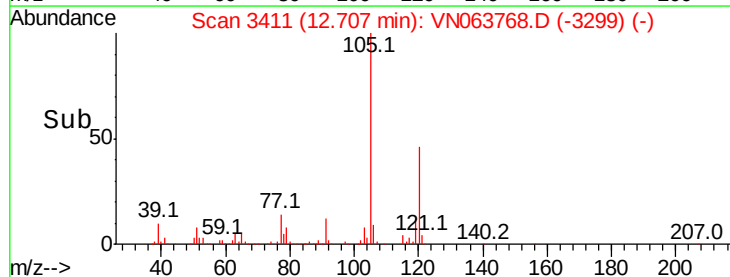
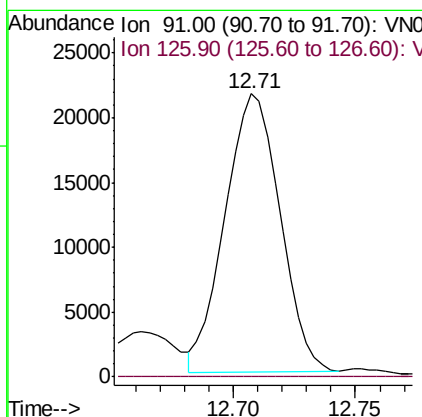
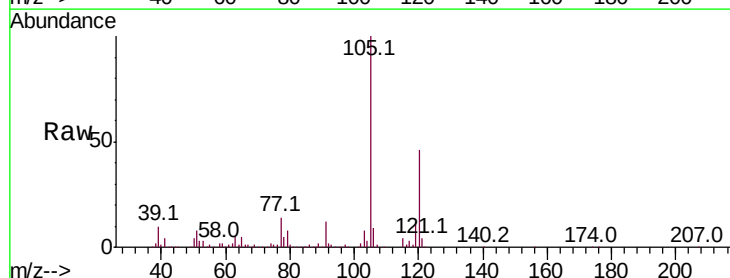
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4DL2

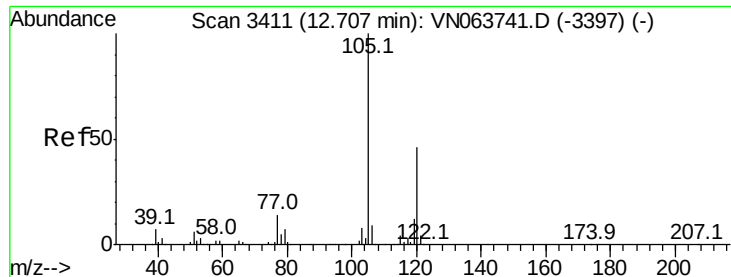
Tot Ion: 91 Resp: 216417
 Ion Ratio Lower Upper
 91 100
 120 21.2 11.1 33.1



#79
 2-Chlorotoluene
 Concen: 3.274 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.06 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

Tgt Ion: 91 Resp: 33721
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.9 47.7#

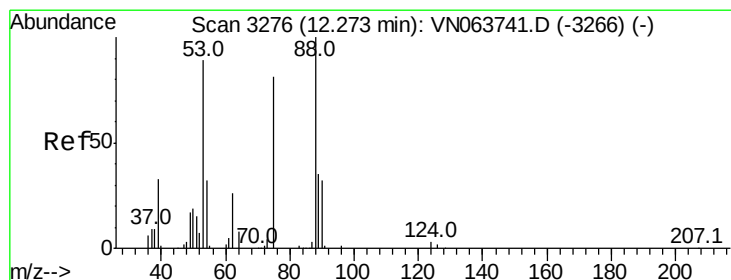
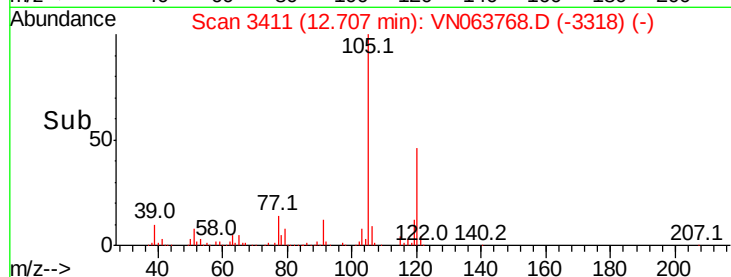
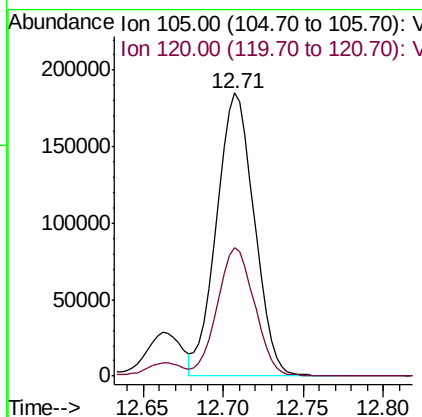
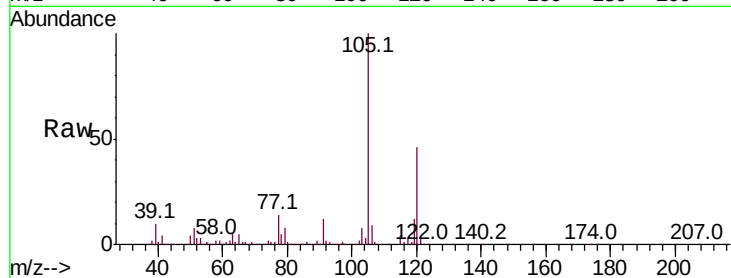




#80
 1,3,5-Trimethylbenzene
 Concen: 24.766 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

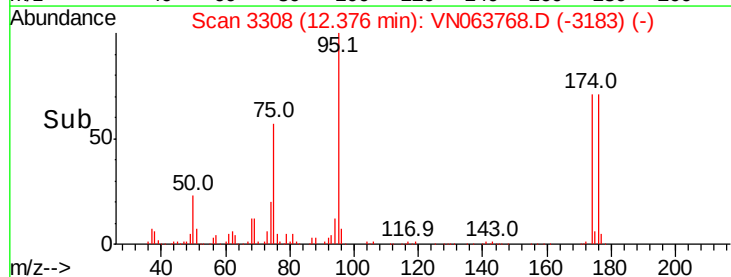
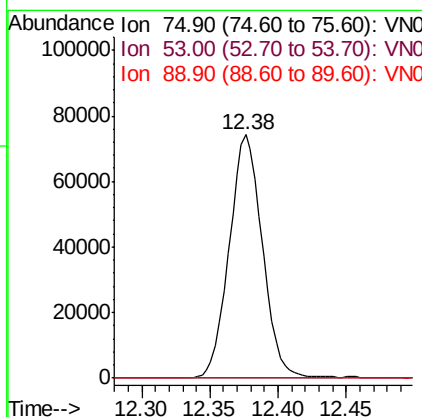
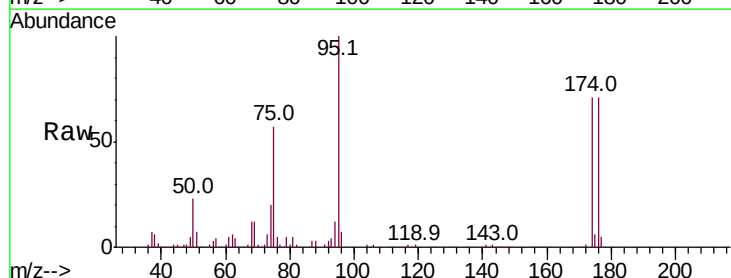
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4DL2

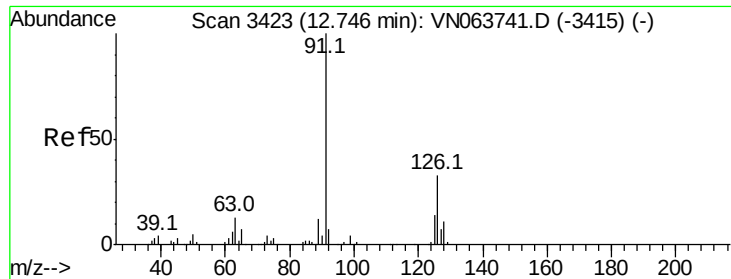
Tot Ion:105 Resp: 298963
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.900 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

Tgt Ion: 75 Resp: 125171
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.2 132.2#
 89 0.0 36.0 54.0#

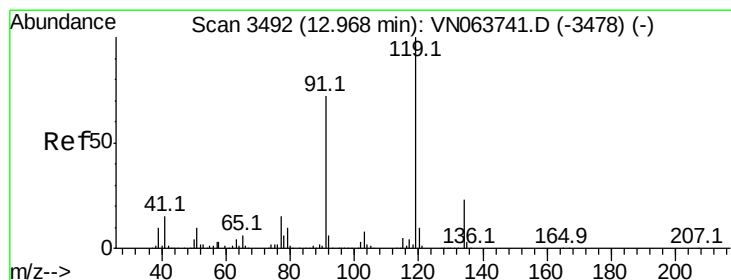
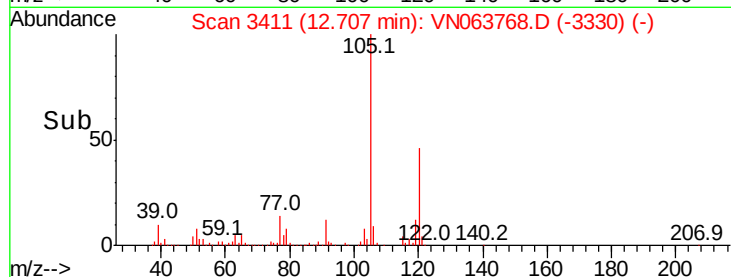
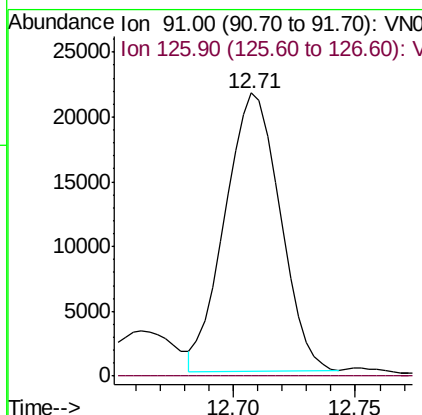
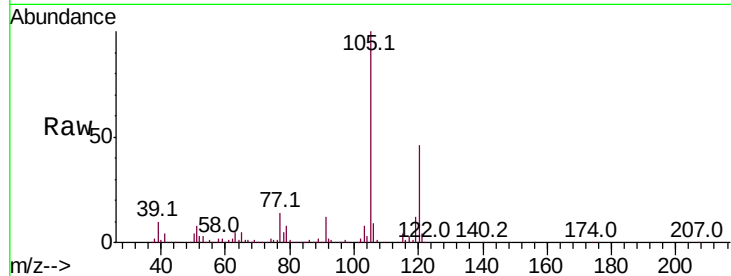




#82
4-Chlorotoluene
Concen: 3.154 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.04 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

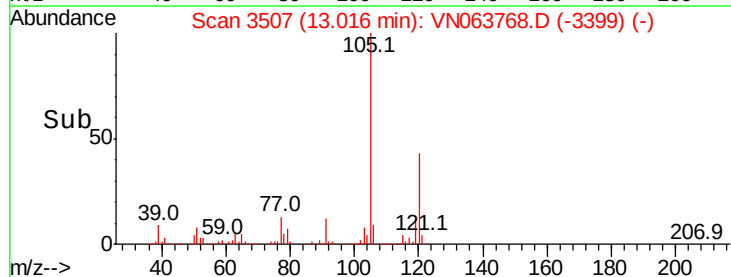
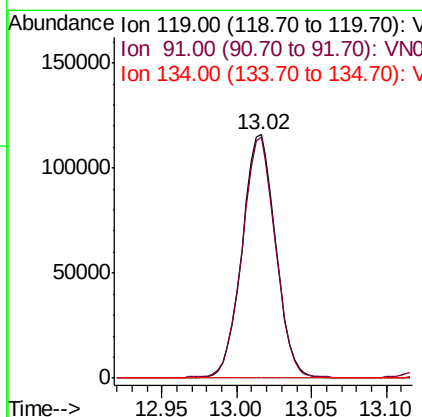
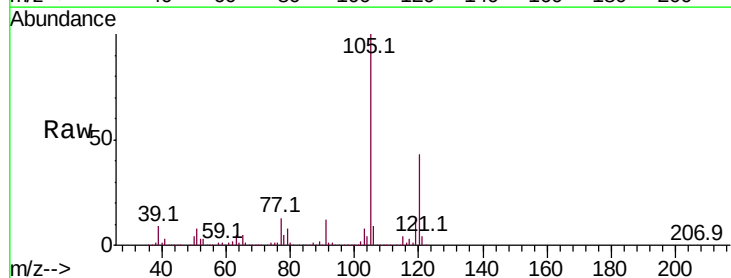
Instrument :
MSVOA_N
ClientSampleId :
TP-4DL2

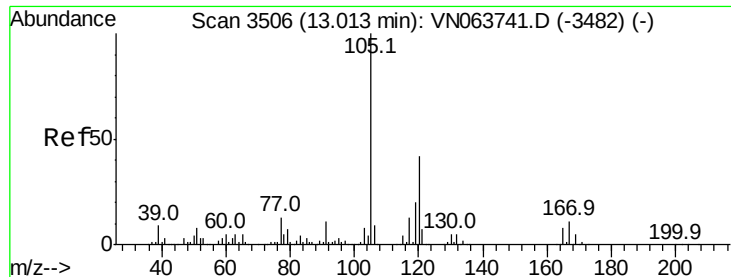
Tot Ion: 91 Resp: 33721
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#



#83
tert-Butylbenzene
Concen: 18.185 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.05 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Tgt Ion: 119 Resp: 179569
Ion Ratio Lower Upper
119 100
91 99.1 35.5 106.5
134 0.0 11.7 35.1#

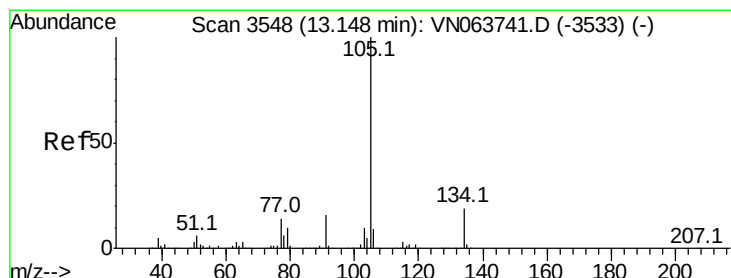
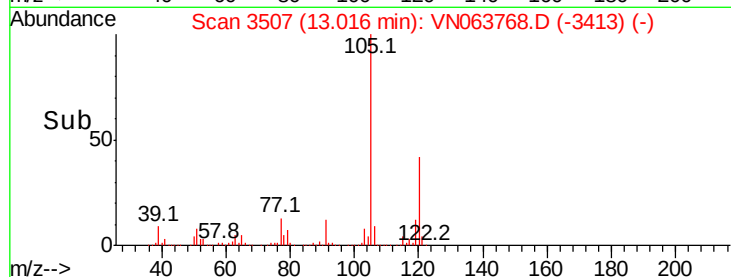
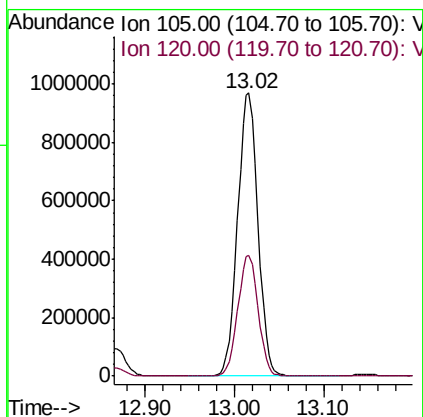
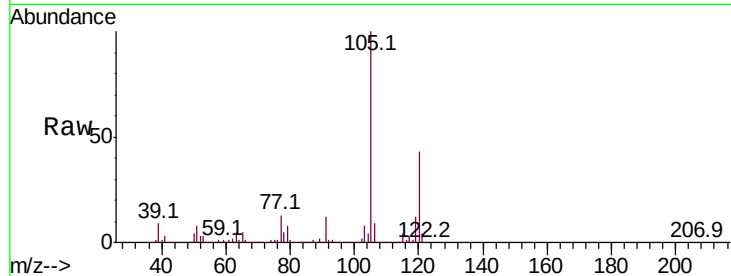




#84
 1,2,4-Trimethylbenzene
 Concen: 126.905 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

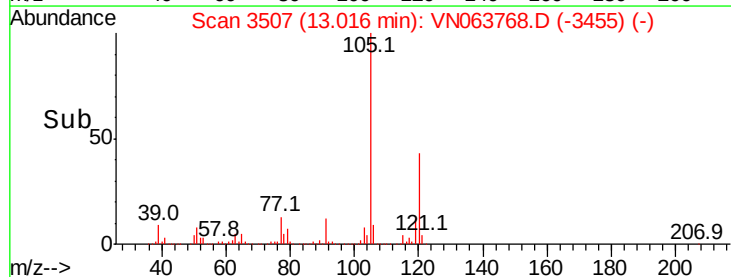
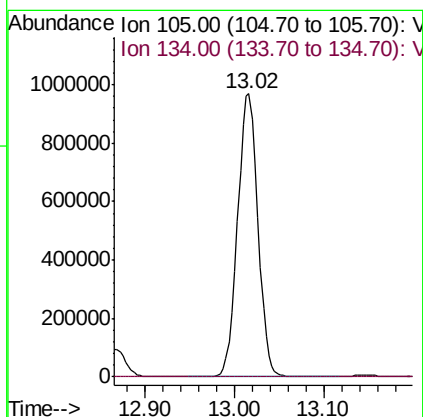
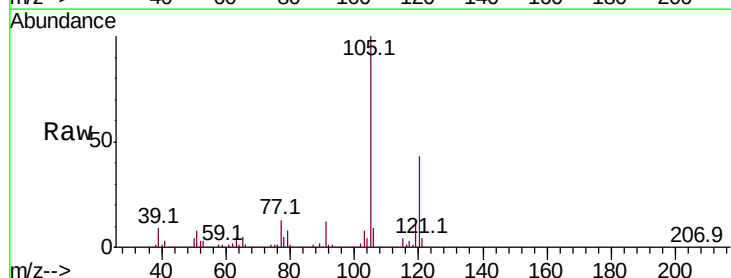
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4DL2

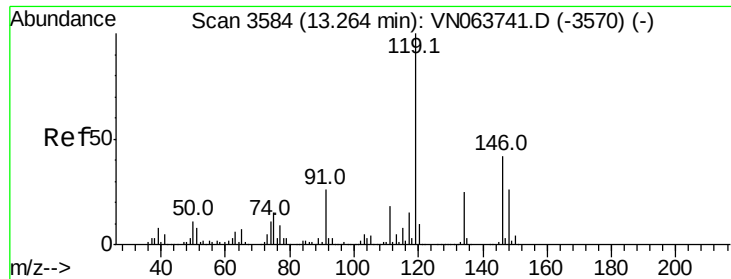
Tot Ion:105 Resp: 1529530
 Ion Ratio Lower Upper
 105 100
 120 42.8 20.9 62.7



#85
 sec-Butylbenzene
 Concen: 117.933 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.13 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

Tgt Ion:105 Resp: 1529530
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.5 28.5#





#86

p-Isopropyltoluene

Concen: 0.822 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

TP-4DL2

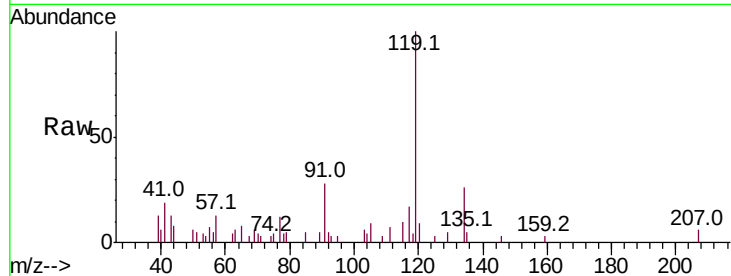
Tot Ion:119 Resp: 9429

Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

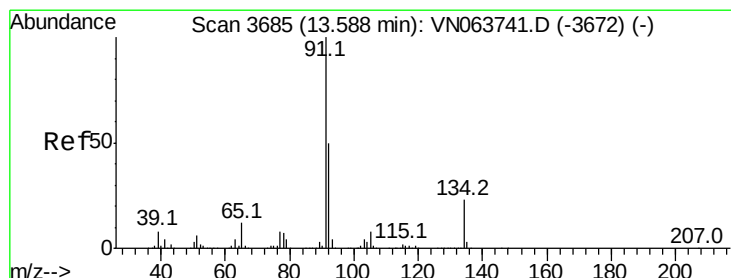
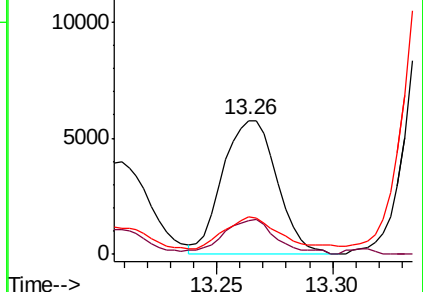
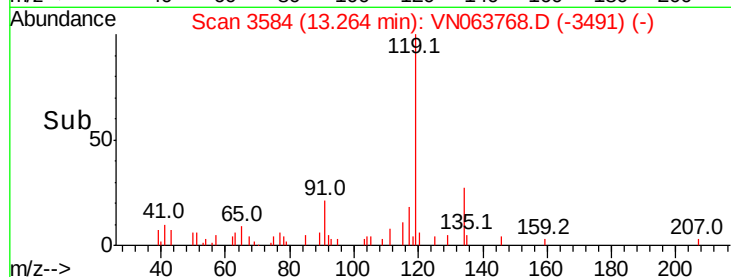
91 0.0 13.4 40.2#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 0.904 ug/l

RT: 13.56 min Scan# 3675

Delta R.T. -0.03 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

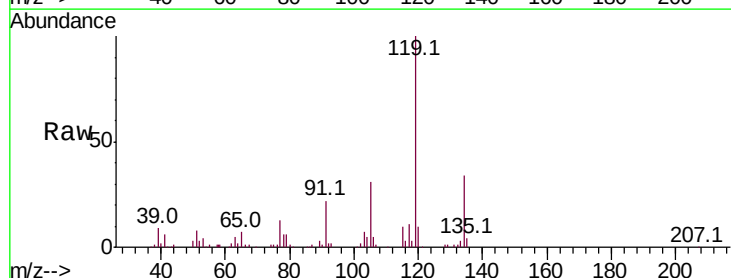
Tgt Ion: 91 Resp: 9568

Ion Ratio Lower Upper

91 100

92 0.0 25.4 76.4#

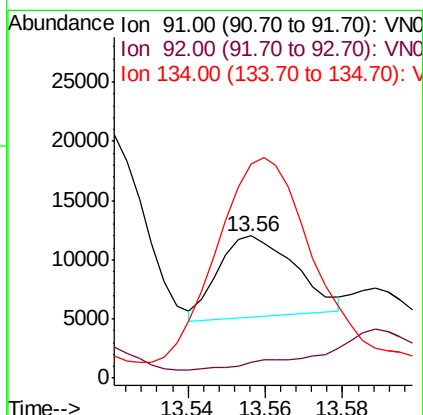
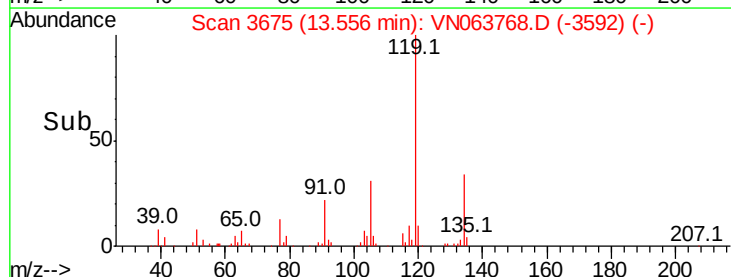
134 355.7 11.7 35.1#

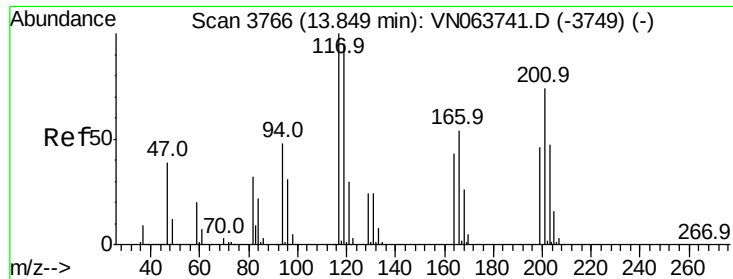


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

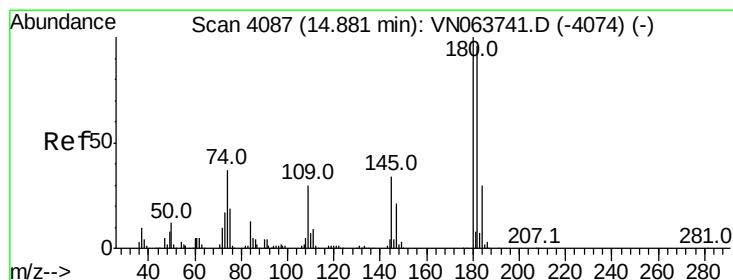
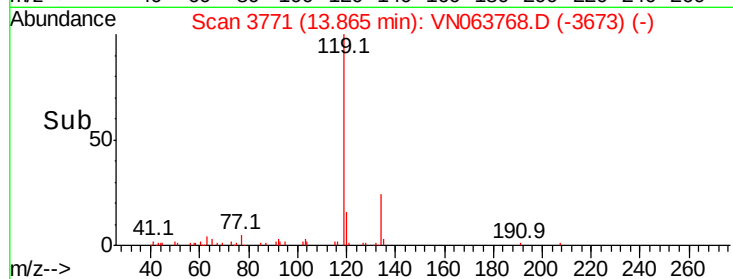
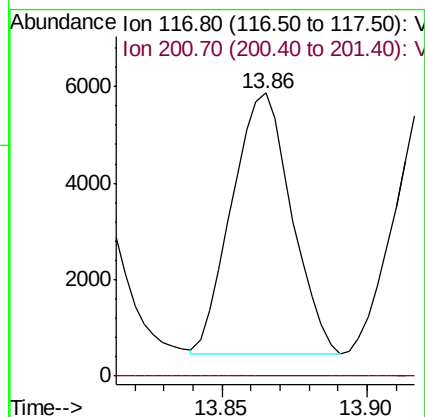
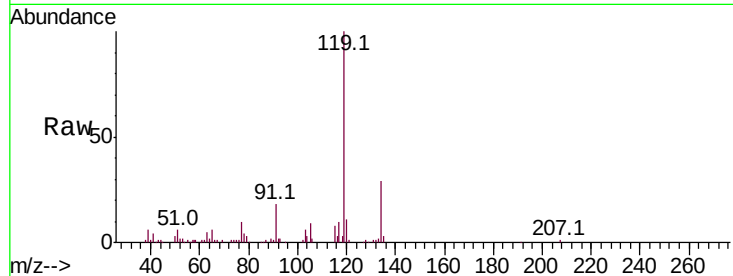




#90
Hexachloroethane
Concen: 3.470 ug/l
RT: 13.86 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

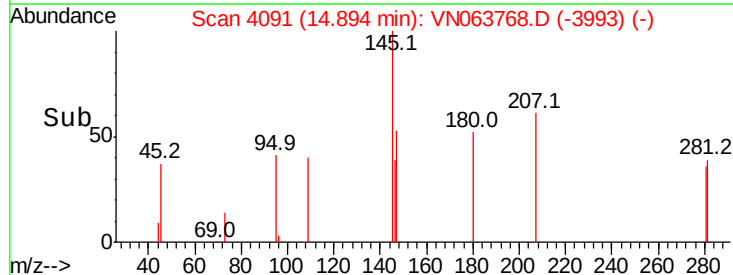
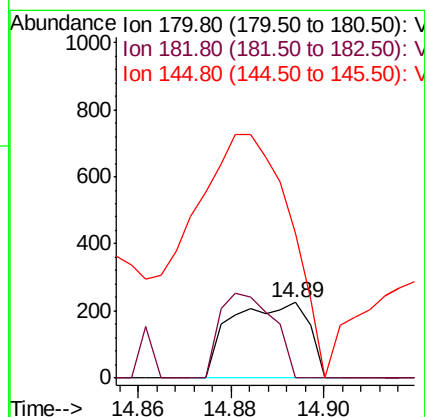
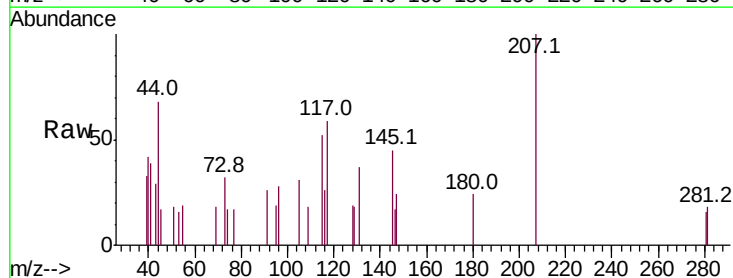
Instrument :
MSVOA_N
ClientSampled :
TP-4DL2

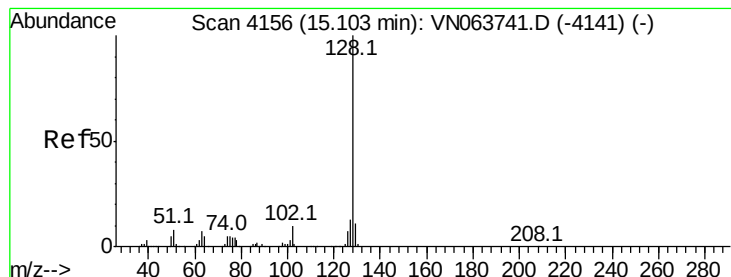
Tot Ion:117 Resp: 7714
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.0#



#93
1,2,4-Trichlorobenzene
Concen: 1.809 ug/l
RT: 14.89 min Scan# 4091
Delta R.T. 0.01 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Tgt Ion:180 Resp: 258
Ion Ratio Lower Upper
180 100
182 79.5 48.2 144.6
145 427.1 17.1 51.2#





#95

Naphthalene

Concen: 16.550 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

TP-4DL2

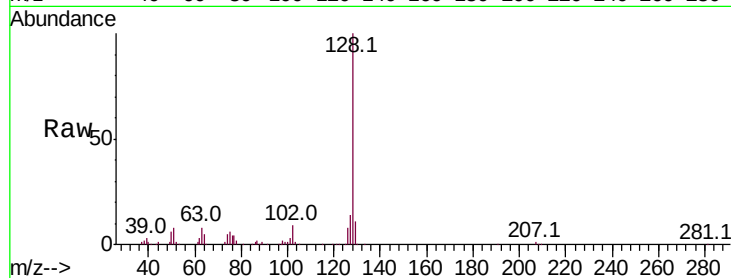
Tot Ion:128 Resp: 161912

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

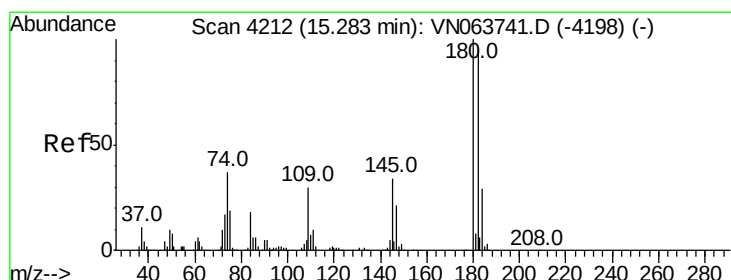
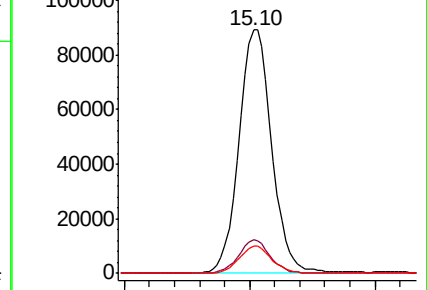
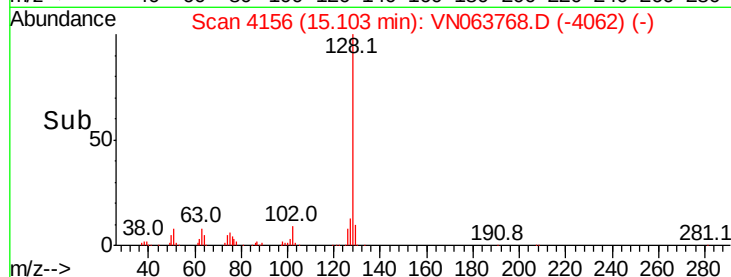
129 11.1 8.7 13.1



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: 1.645 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

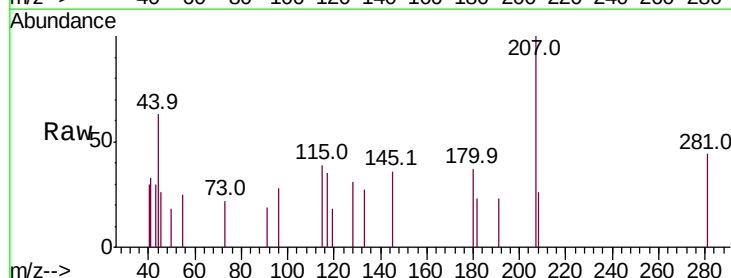
Tgt Ion:180 Resp: 266

Ion Ratio Lower Upper

180 100

182 100.4 47.9 143.6

145 70.3 17.2 51.5#



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

