

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063757.D
 Acq On : 30 Sep 2020 18:19
 Operator : JC/MD
 Sample : L4178-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Oct 01 02:16:15 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	232630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	419848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	424600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	187194	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.55	113	135729	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
50) Toluene-d8	10.06	98	544047	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.38	95	222043	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	895	0.311	ug/l #	76
11) Tert butyl alcohol	4.73	59	1063	2.505	ug/l #	71
13) Acrolein	3.32	56	60	0.230	ug/l #	14
16) Acetone	3.78	43	20012	16.915	ug/l	97
17) Carbon Disulfide	4.02	76	9542	2.187	ug/l	100
20) Methylene Chloride	4.50	84	928	0.440	ug/l #	56
25) 2-Butanone	6.80	43	5723	3.412	ug/l	95
26) 2,2-Dichloropropane	6.77	77	1381	0.295	ug/l #	54
31) Cyclohexane	7.61	56	31345	7.025	ug/l #	86
36) 1,1-Dichloropropene	7.63	75	22173	5.213	ug/l #	49
38) Carbon Tetrachloride	7.62	117	25225	5.289	ug/l #	13
39) Methylcyclohexane	9.05	83	136243	32.120	ug/l	96
43) Isopropyl Acetate	8.11	43	7247	1.040	ug/l #	64
45) 1,2-Dichloropropane	9.05	63	1228	0.374	ug/l #	1
47) Bromodichloromethane	9.33	83	1000	0.214	ug/l #	49
48) Methyl methacrylate	9.23	41	14589	4.236	ug/l #	67
49) 1,4-Dioxane	9.17	88	30	0.613	ug/l #	20
51) 4-Methyl-2-Pentanone	10.06	43	9072	2.218	ug/l #	58
52) Toluene	10.13	92	1636	0.218	ug/l	89
55) 1,1,2-Trichloroethane	10.50	97	21010	6.972	ug/l #	19
56) Ethyl methacrylate	10.40	69	11268	2.638	ug/l #	9
59) 2-Hexanone	10.74	43	631	0.208	ug/l #	28
67) Ethyl Benzene	11.48	91	20382	1.286	ug/l	98
68) m/p-Xylenes	11.60	106	19328	3.272	ug/l	99
73) Isopropylbenzene	12.23	105	49941	3.486	ug/l	99
74) N-amyl acetate	12.05	43	244	2.251	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	126413	29.198	ug/l #	100
78) n-propylbenzene	12.57	91	86837	5.209	ug/l	98
79) 2-Chlorotoluene	12.66	91	10513	1.025	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.71	105	85592	7.122	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	126413	84.095	ug/l #	6
82) 4-Chlorotoluene	12.71	91	11267	1.058	ug/l #	44
83) tert-Butylbenzene	12.97	119	2461	0.250	ug/l	90
84) 1,2,4-Trimethylbenzene	13.02	105	271235	22.604	ug/l	98

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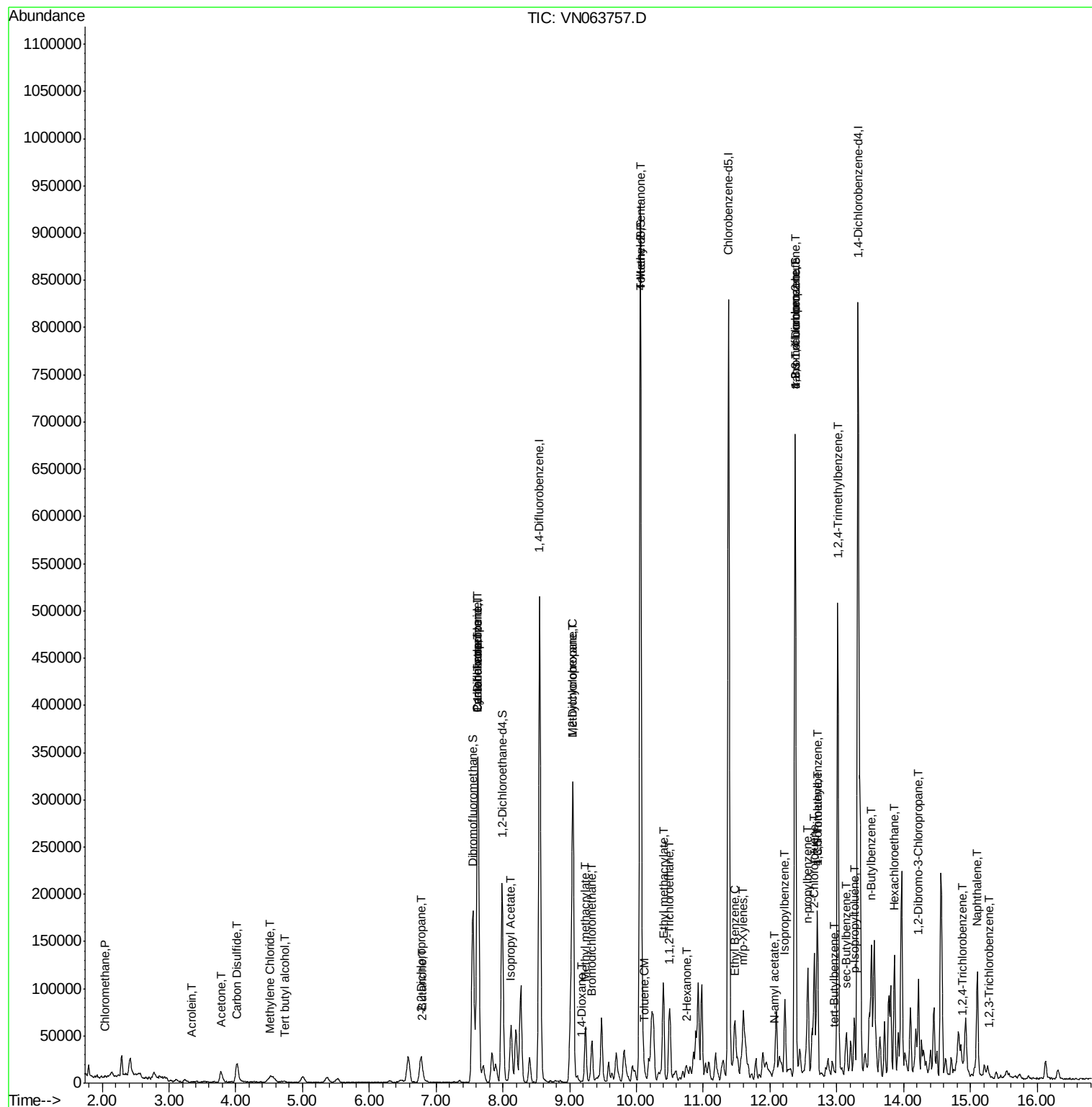
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.15	105	27633	2.140	ug/l	79
86) p-Isopropyltoluene	13.26	119	29442	2.577	ug/l	96
89) n-Butylbenzene	13.52	91	6592	0.625	ug/l	91
90) Hexachloroethane	13.87	117	6087	2.750	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.23	75	747	0.727	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.88	180	433	1.858	ug/l #	1
95) Naphthalene	15.10	128	93999	10.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	219	1.632	ug/l #	45

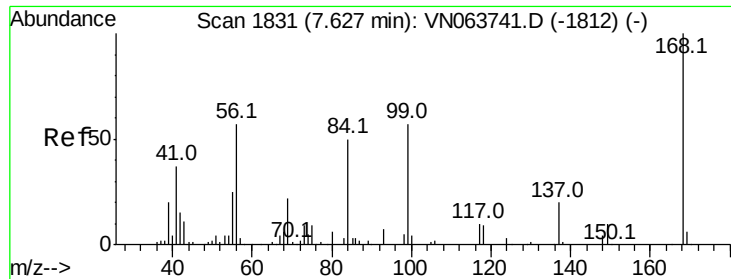
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :

MSVOA_N

ClientSampled :

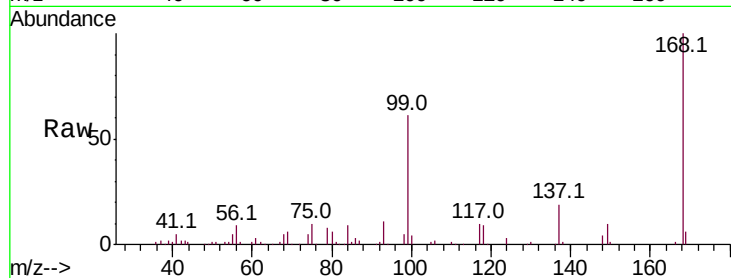
TP-7

Tot Ion:168 Resp: 232630

Ion Ratio Lower Upper

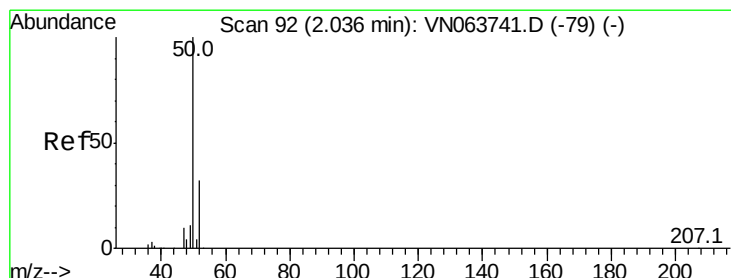
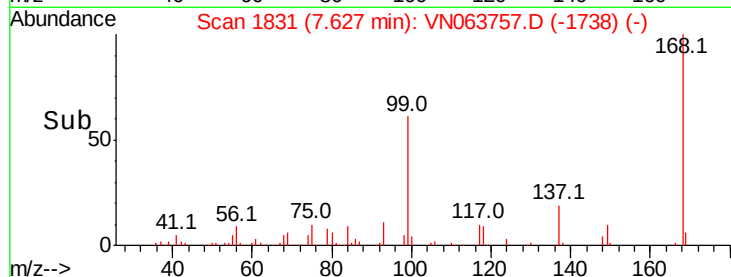
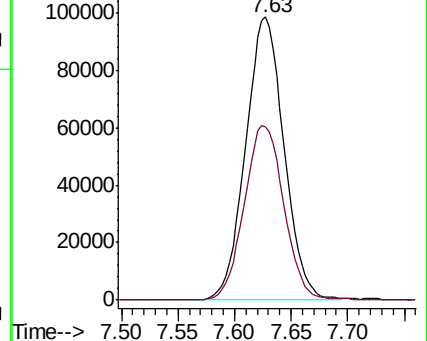
168 100

99 61.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.311 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063757.D

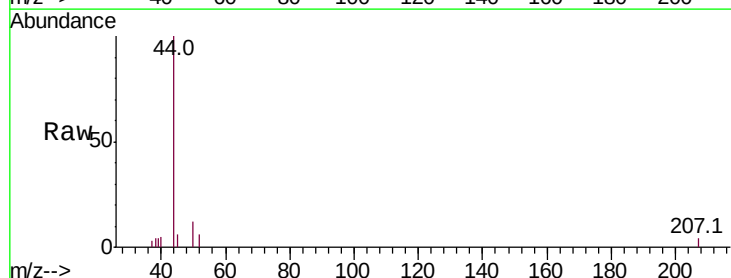
Acq: 30 Sep 2020 18:19

Tgt Ion: 50 Resp: 895

Ion Ratio Lower Upper

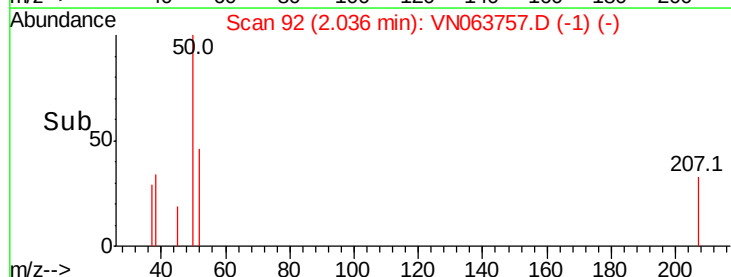
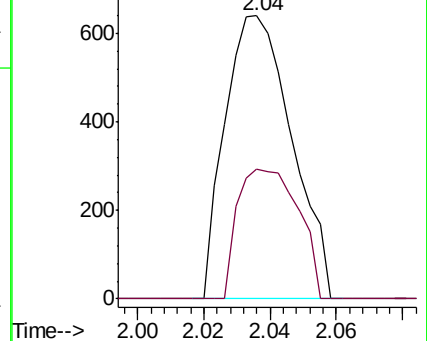
50 100

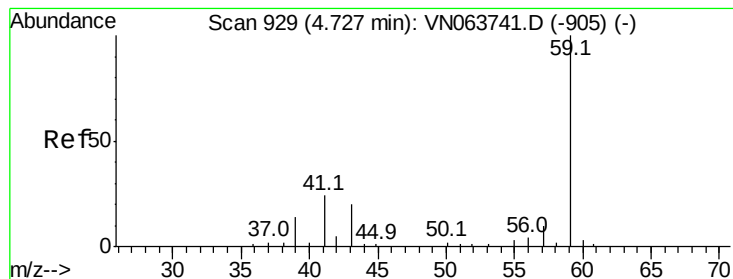
52 45.9 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



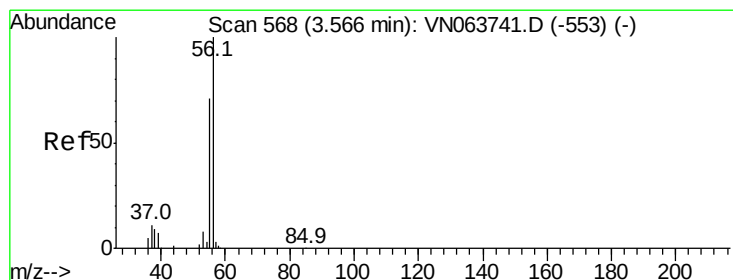
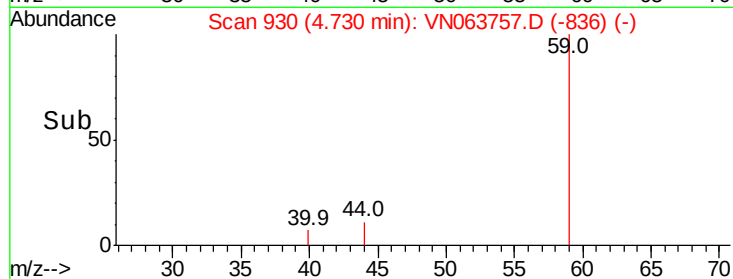
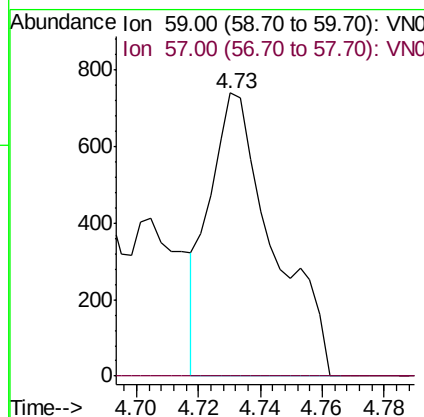
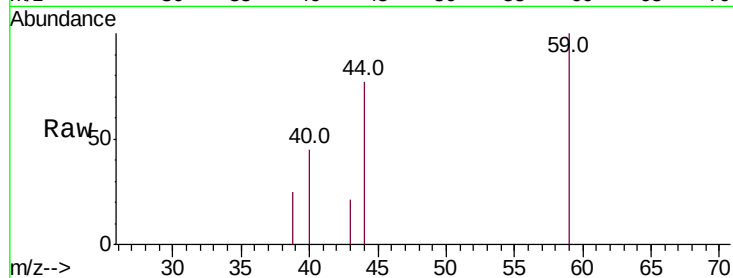


#11

Tert butyl alcohol
 Concen: 2.505 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

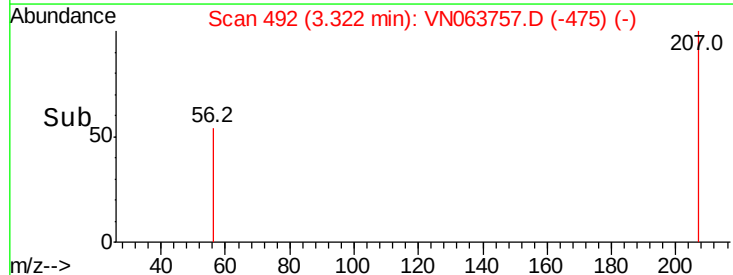
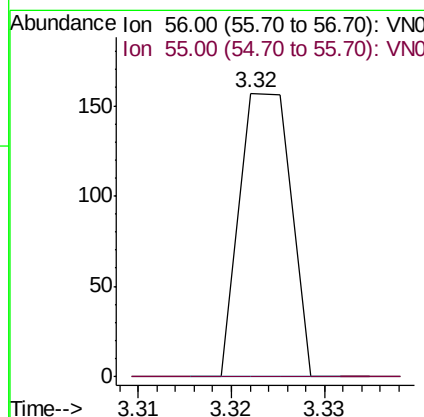
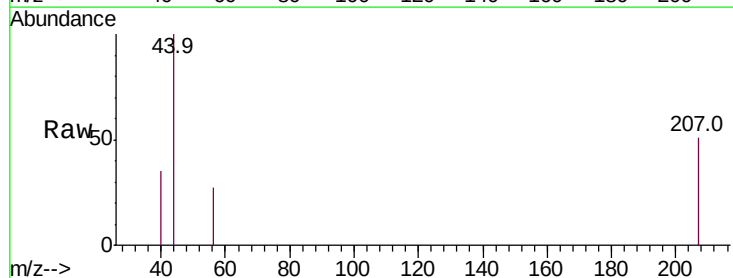
Tot Ion: 59 Resp: 1063
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

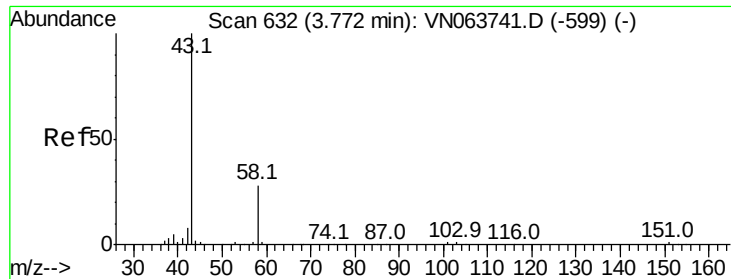


#13

Acrolein
 Concen: 0.230 ug/l
 RT: 3.32 min Scan# 492
 Delta R.T. -0.24 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

Tgt Ion: 56 Resp: 60
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#





#16

Acetone

Concen: 16.915 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :

MSVOA_N

ClientSampled :

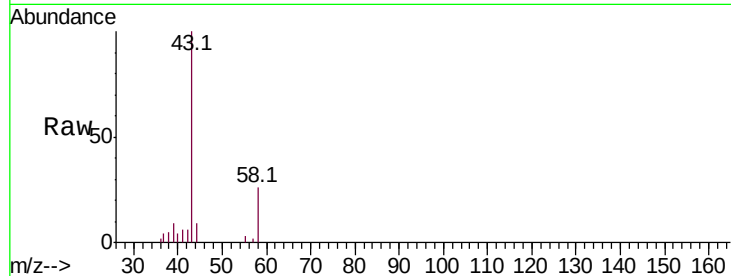
TP-7

Tot Ion: 43 Resp: 20012

Ion Ratio Lower Upper

43 100

58 26.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)

3.78

8000

6000

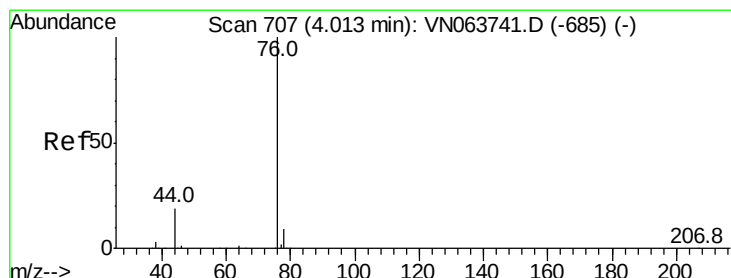
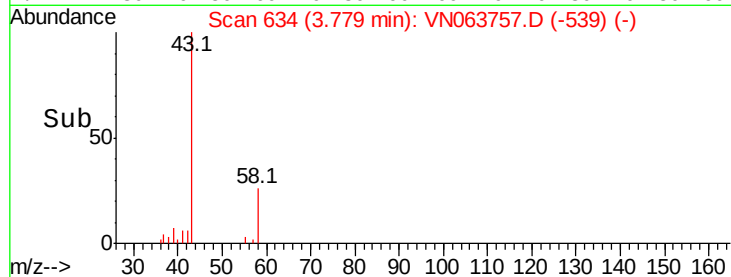
4000

2000

0

3.70 3.75 3.80 3.85

Time-->



#17

Carbon Disulfide

Concen: 2.187 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN063757.D

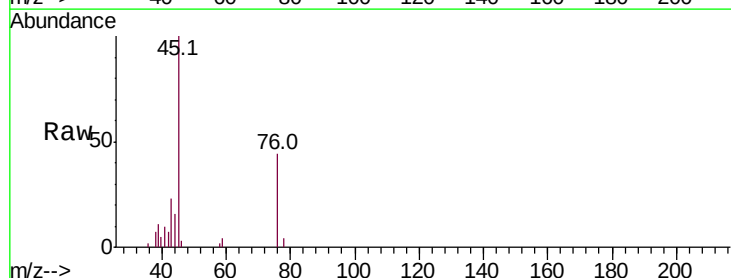
Acq: 30 Sep 2020 18:19

Tgt Ion: 76 Resp: 9542

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



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

Ion 77.90 (77.60 to 78.60): VN063741.D (-685) (-)

4.02

4000

3000

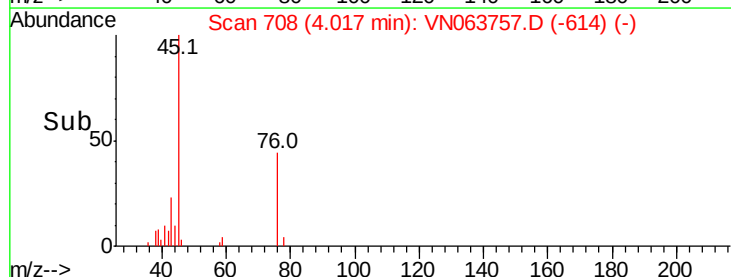
2000

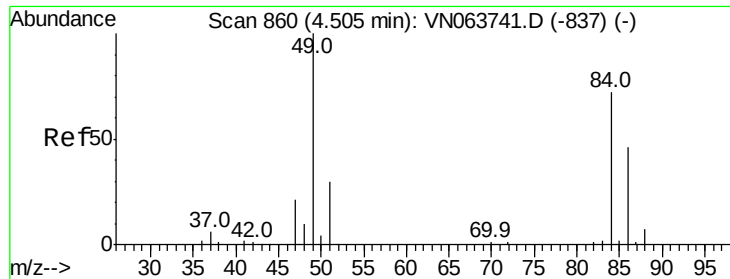
1000

0

3.95 4.00 4.05 4.10

Time-->

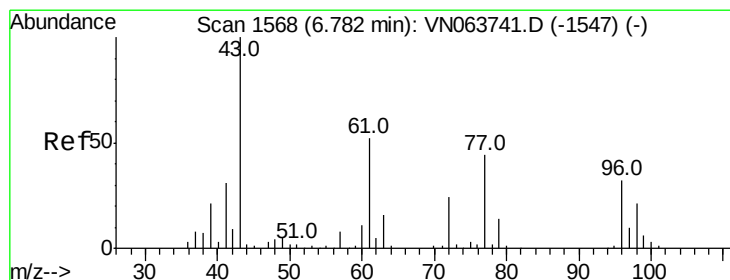
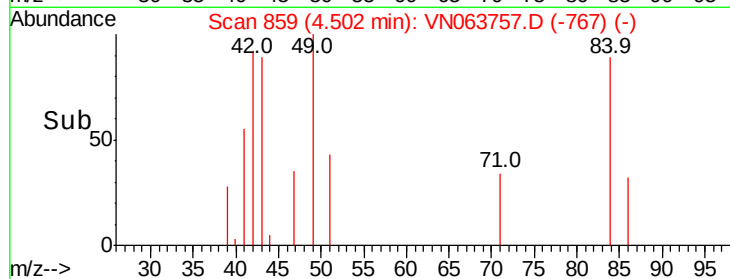
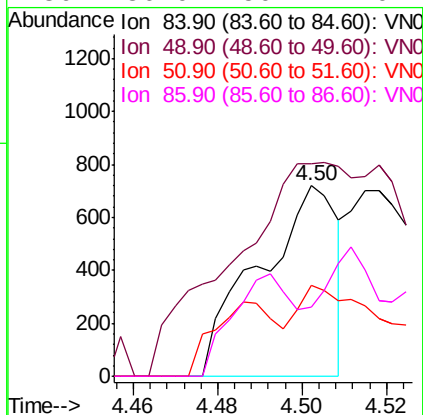
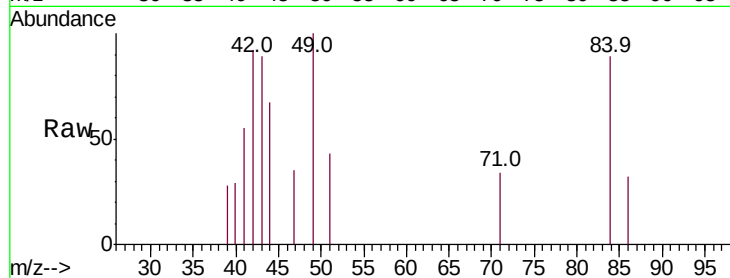




#20
Methvlene Chloride
Concen: 0.440 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063757.D
Acq: 30 Sep 2020 18:19

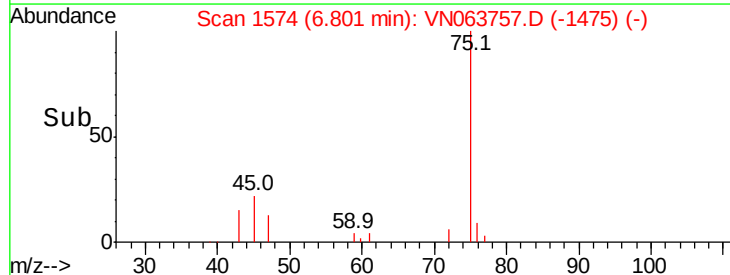
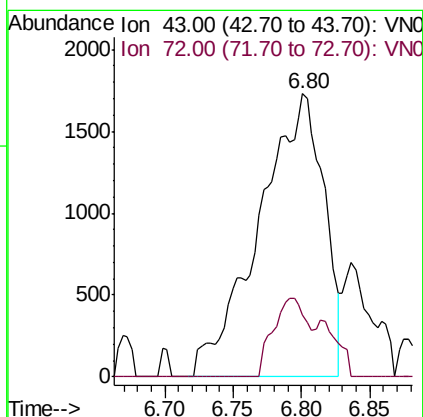
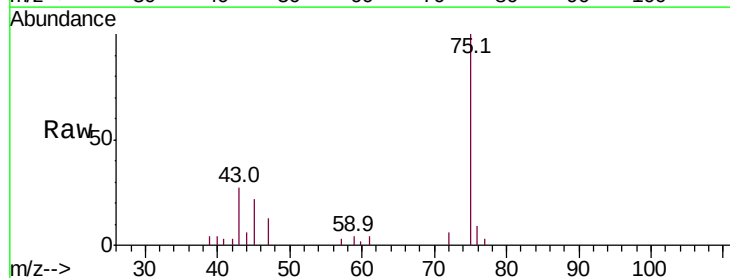
Instrument :
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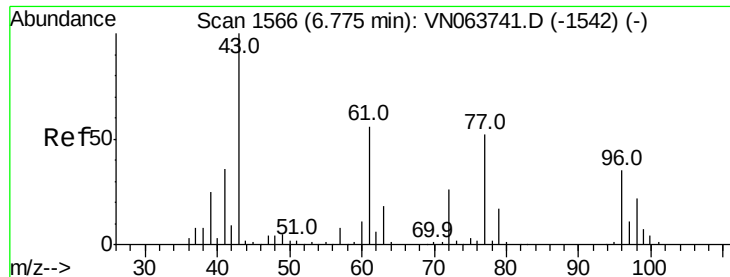
Tot Ion: 84 Resp: 928
Ion Ratio Lower Upper
84 100
49 66.9 110.4 165.6#
51 48.0 33.3 49.9
86 36.0 50.7 76.1#



#25
2-Butanone
Concen: 3.412 ug/l
RT: 6.80 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN063757.D
Acq: 30 Sep 2020 18:19

Tgt Ion: 43 Resp: 5723
Ion Ratio Lower Upper
43 100
72 21.7 19.3 28.9

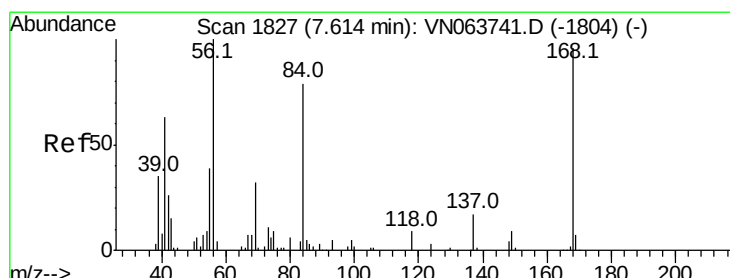
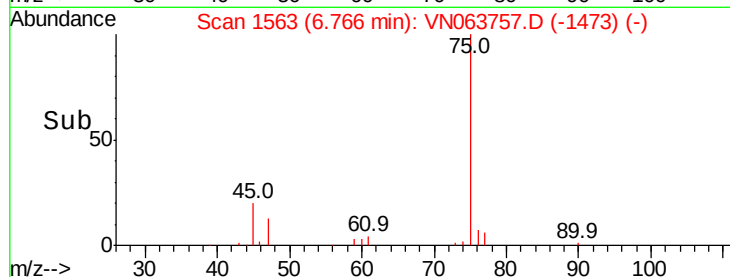
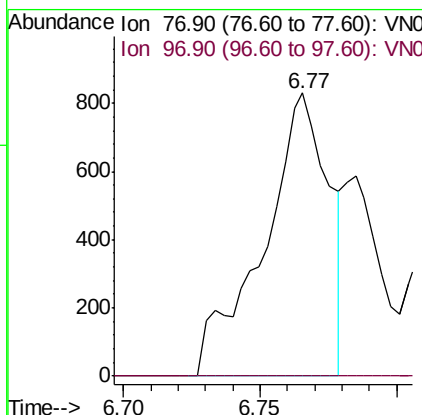
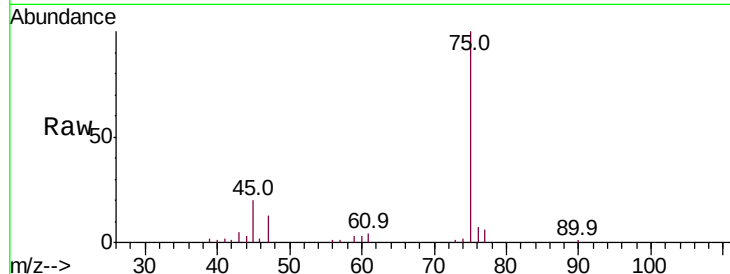




#26
 2,2-Dichloropropane
 Concen: 0.295 ug/l
 RT: 6.77 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

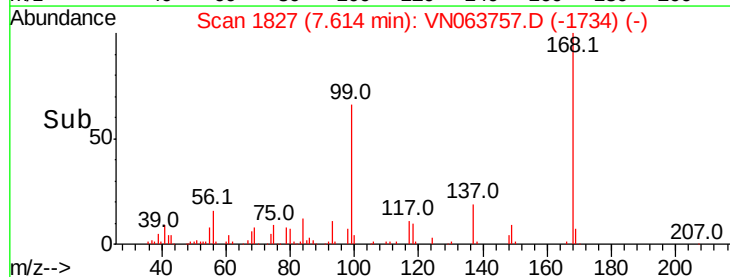
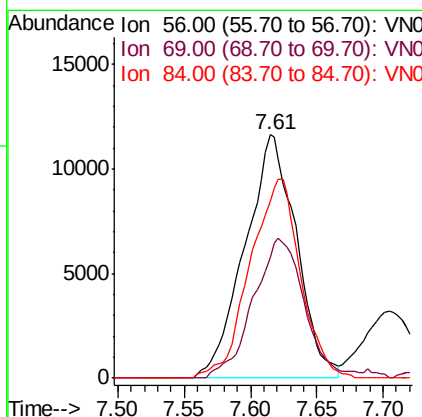
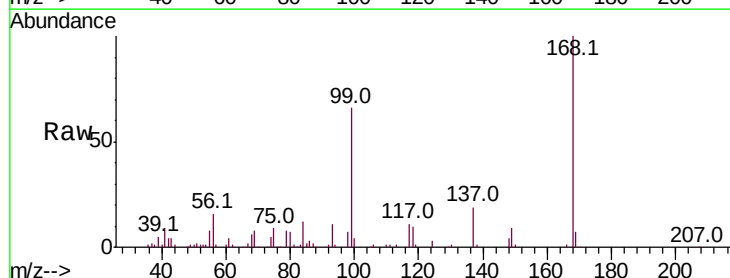
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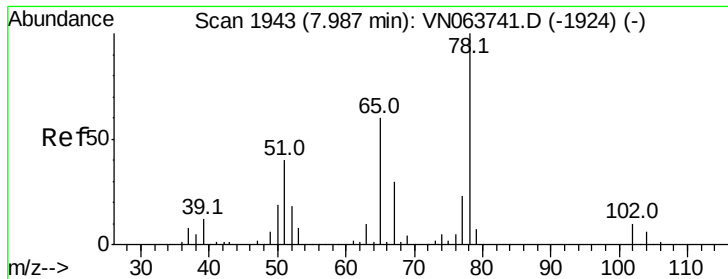
Tot Ion: 77 Resp: 1381
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.8 32.3#



#31
 Cyclohexane
 Concen: 7.025 ug/l
 RT: 7.61 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

Tgt Ion: 56 Resp: 31345
 Ion Ratio Lower Upper
 56 100
 69 49.4 25.4 38.2#
 84 72.9 63.3 94.9

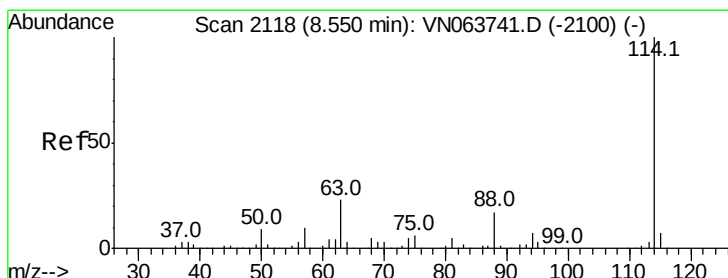
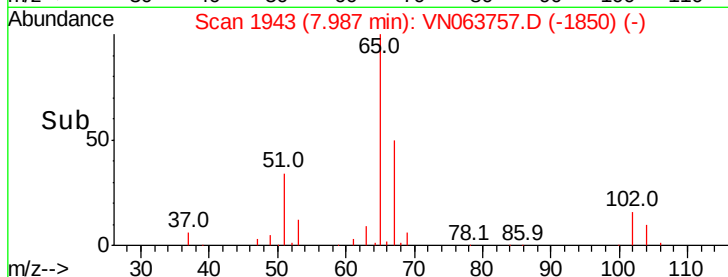
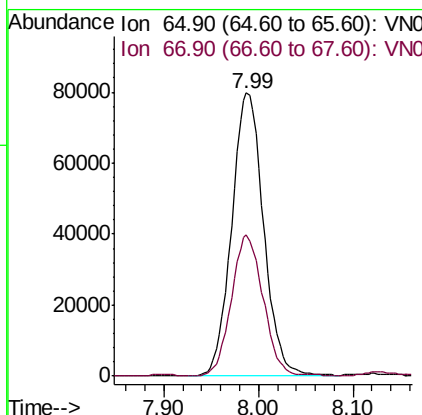
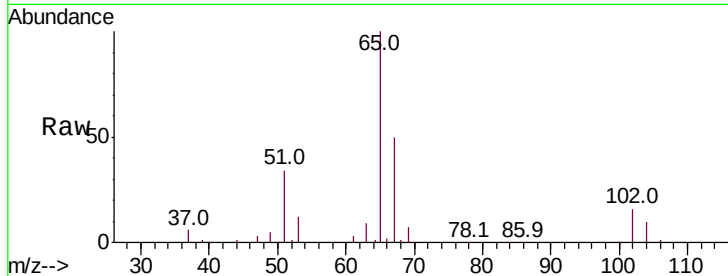




#33
 1,2-Dichloroethane-d4
 Concen: 48.708 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

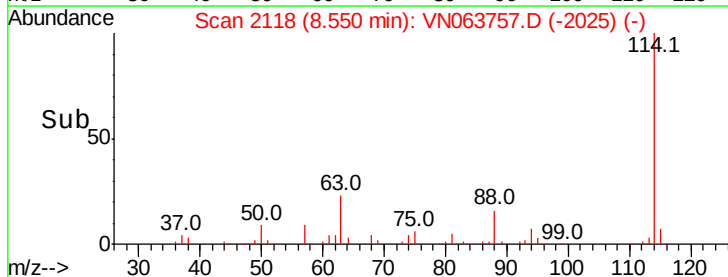
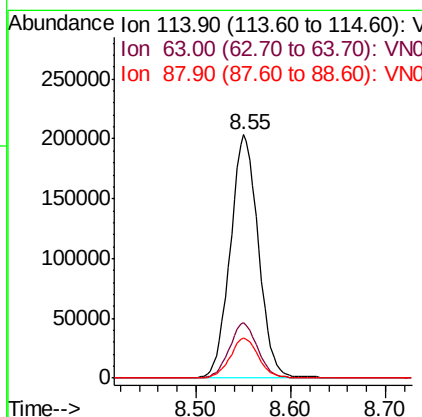
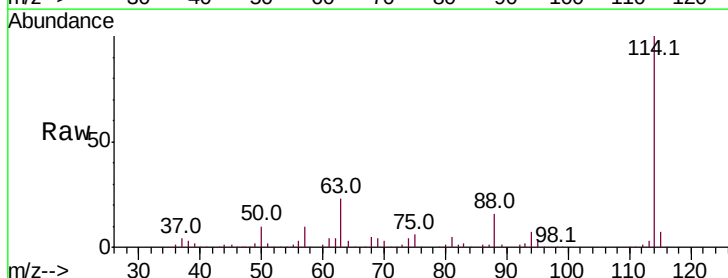
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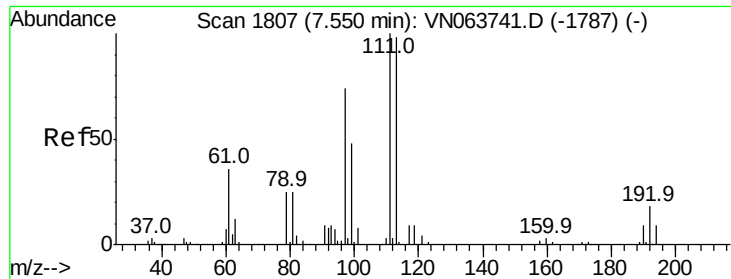
Tot Ion: 65 Resp: 187194
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

Tgt Ion: 114 Resp: 419848
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.0
 88 16.4 0.0 34.0

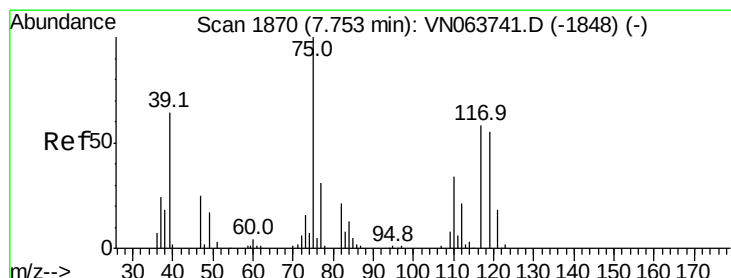
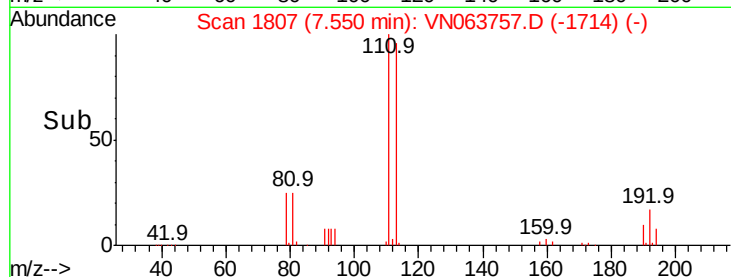
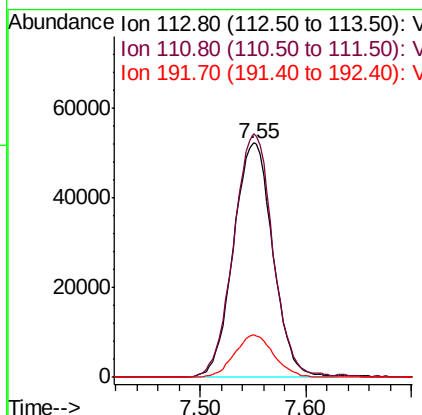
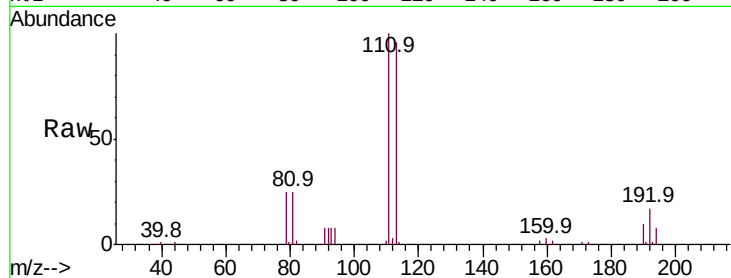




#35
 Dibromofluoromethane
 Concen: 46.591 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

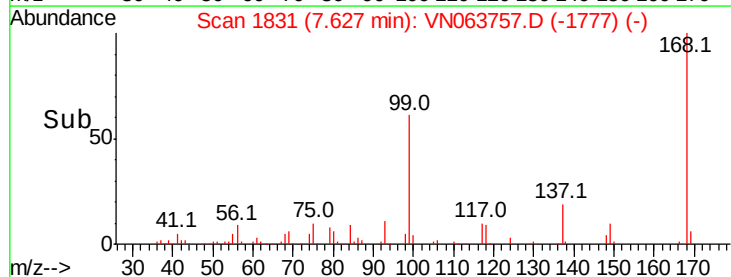
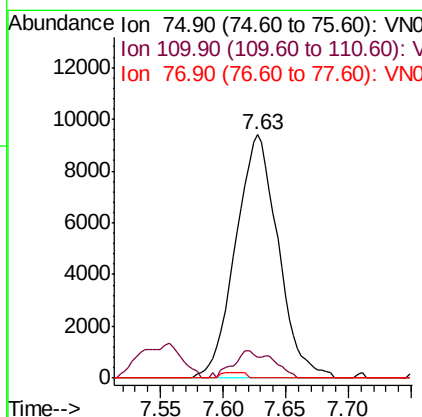
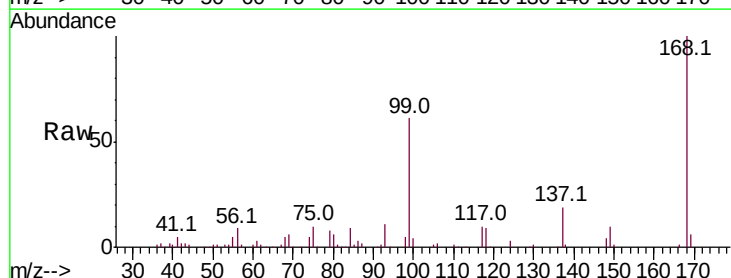
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

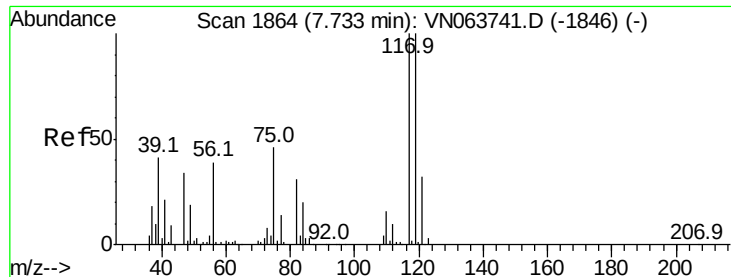
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	17.9	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 5.213 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.9	16.9	50.6#
77	0.0	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 5.289 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

TP-7

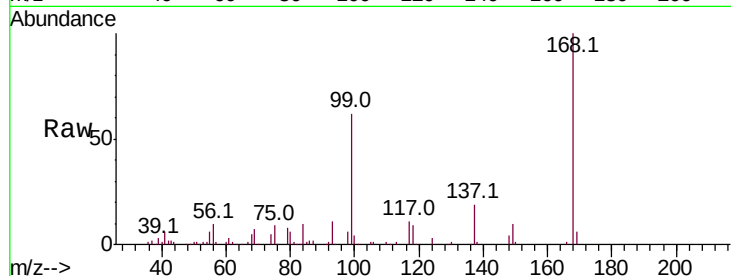
Tot Ion:117 Resp: 25225

Ion Ratio Lower Upper

117 100

119 4.2 80.1 120.1#

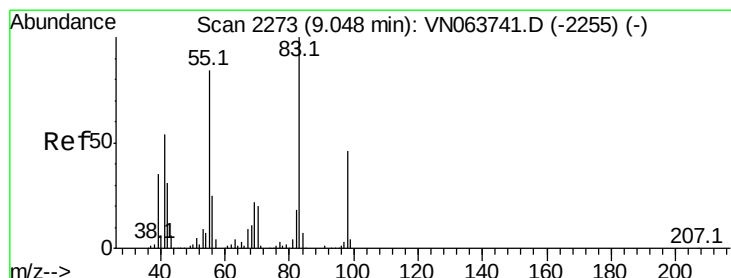
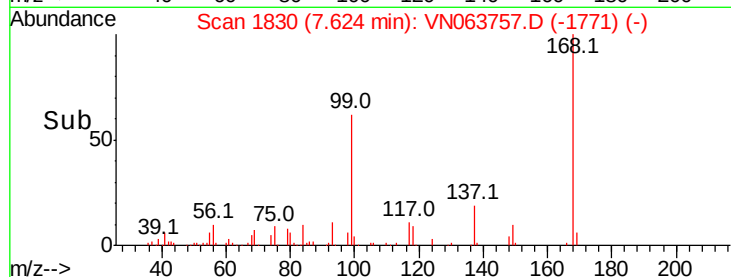
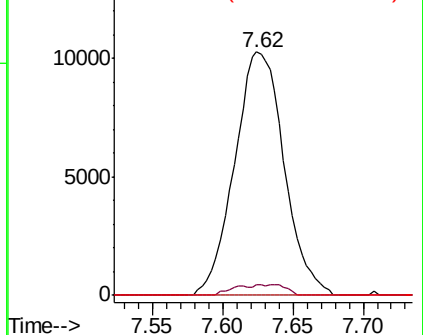
121 0.0 25.7 38.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 32.120 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

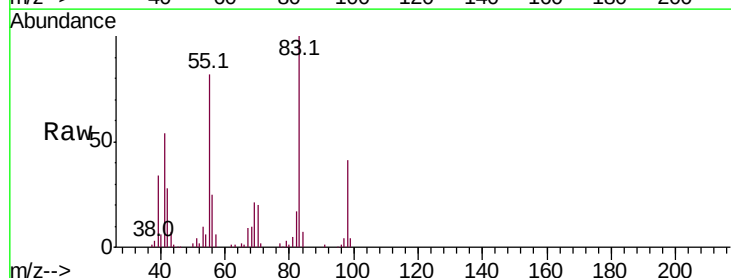
Tgt Ion: 83 Resp: 136243

Ion Ratio Lower Upper

83 100

55 81.5 67.1 100.7

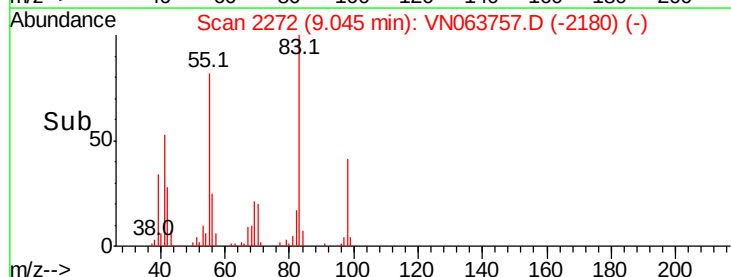
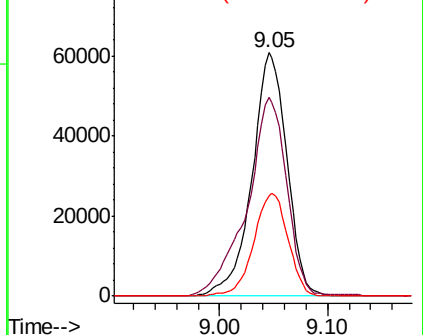
98 41.4 36.6 54.8

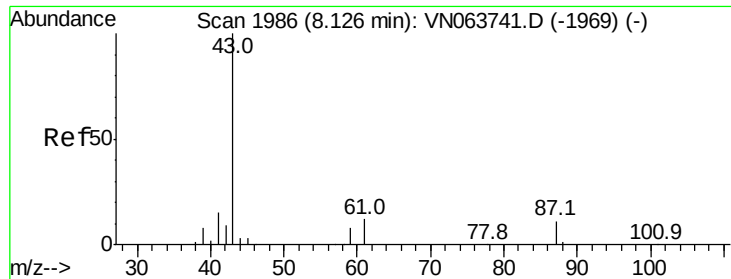


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#43

Isopropyl Acetate

Concen: 1.040 ug/l

RT: 8.11 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :

MSVOA_N

ClientSampled :

TP-7

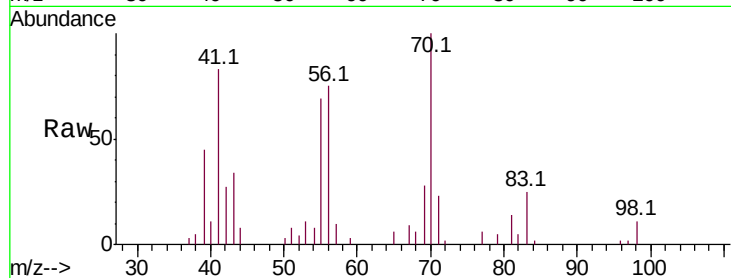
Tot Ion: 43 Resp: 7247

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

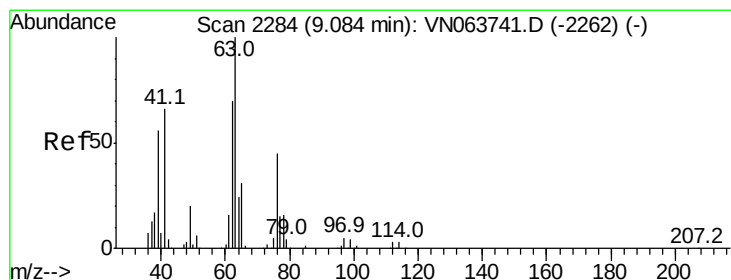
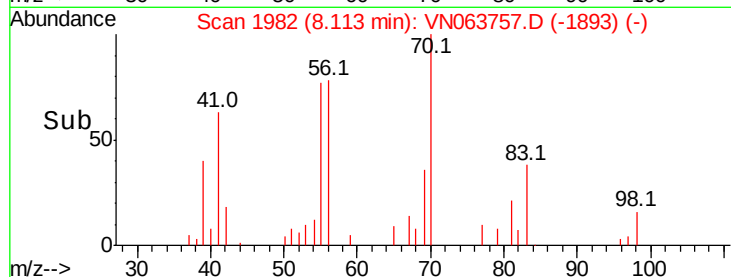
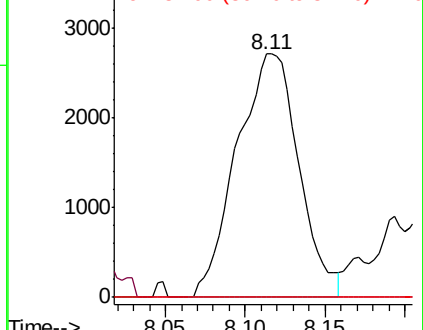
87 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.374 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.04 min

Lab File: VN063757.D

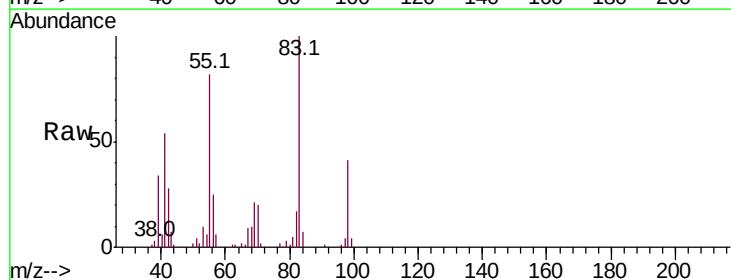
Acq: 30 Sep 2020 18:19

Tgt Ion: 63 Resp: 1228

Ion Ratio Lower Upper

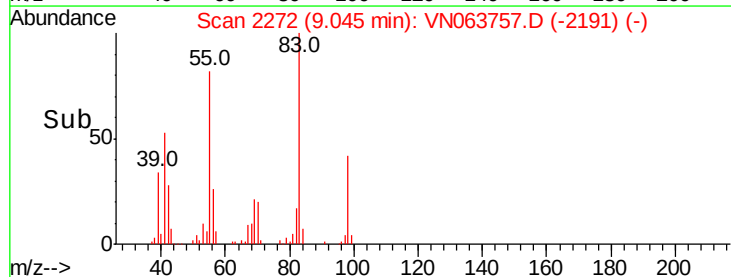
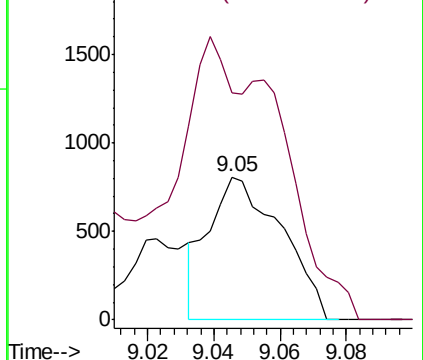
63 100

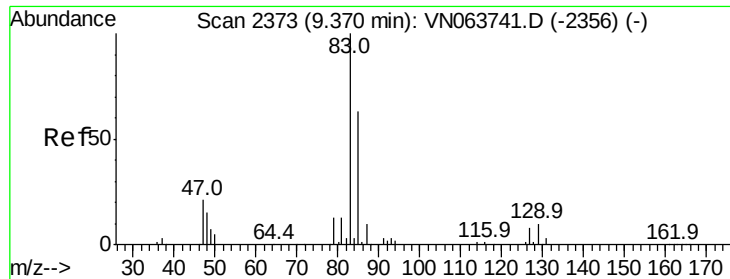
65 133.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 0.214 ug/l

RT: 9.33 min Scan# 2362

Delta R.T. -0.04 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

TP-7

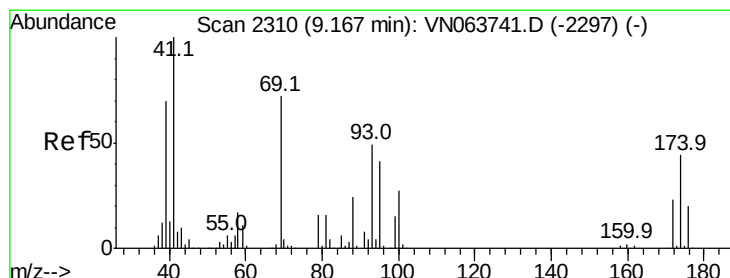
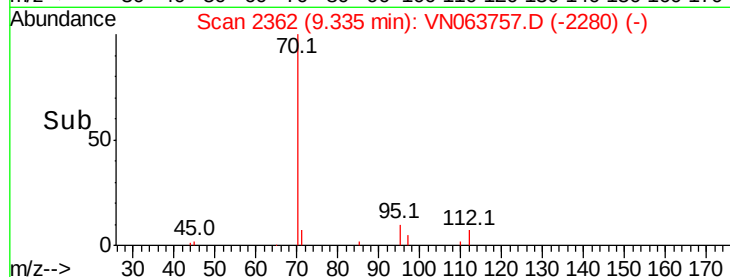
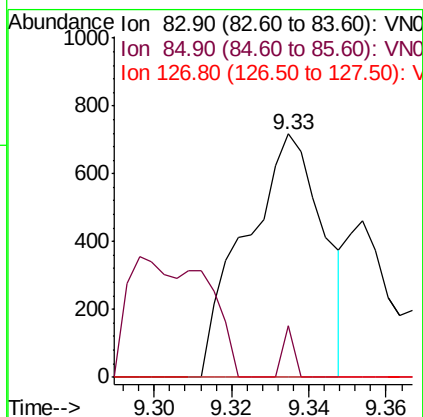
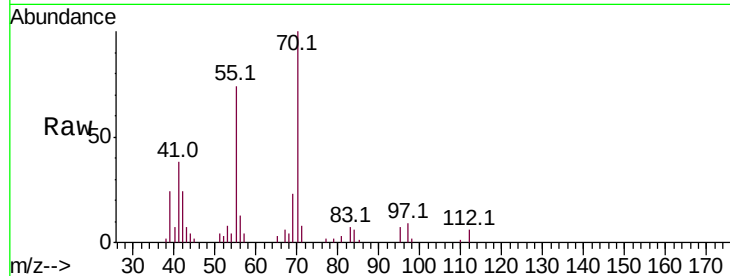
Tot Ion: 83 Resp: 1000

Ion Ratio Lower Upper

83 100

85 21.2 50.6 75.8#

127 0.0 6.6 9.8#



#48

Methyl methacrylate

Concen: 4.236 ug/l

RT: 9.23 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

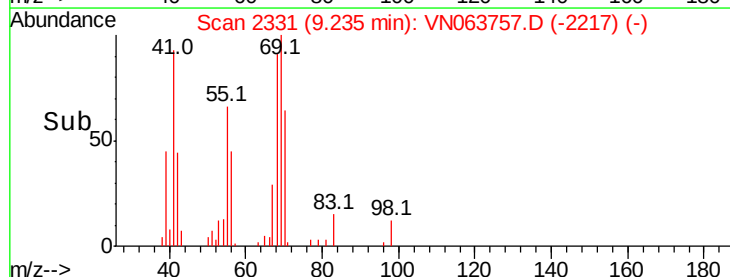
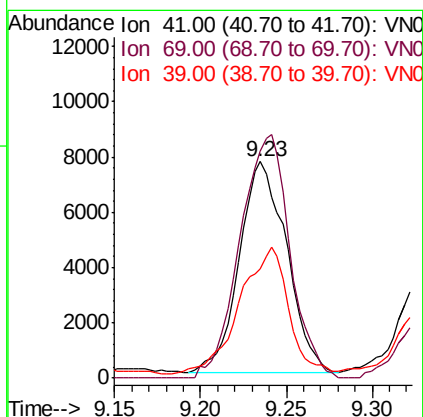
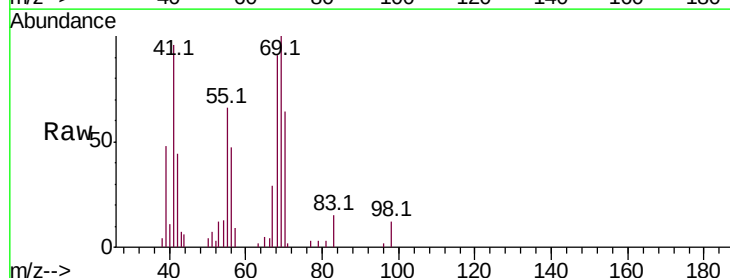
Tgt Ion: 41 Resp: 14589

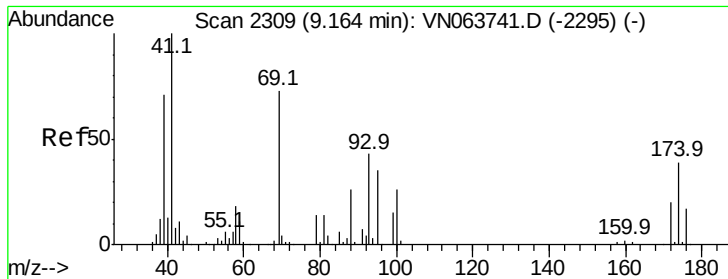
Ion Ratio Lower Upper

41 100

69 121.7 60.9 91.3#

39 61.7 57.5 86.3





#49

1,4-Dioxane

Concen: 0.613 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :
MSVOA_N
ClientSampled :
TP-7

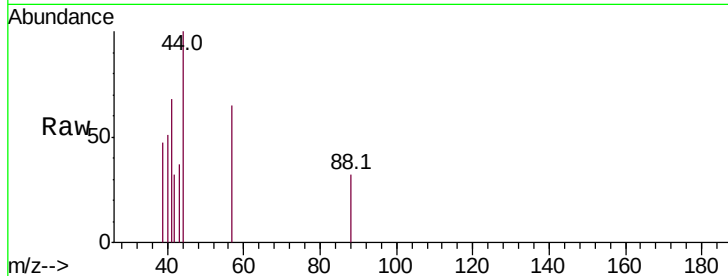
Tot Ion: 88 Resp: 30

Ion Ratio Lower Upper

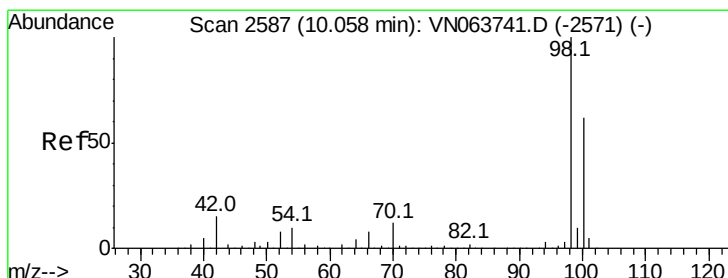
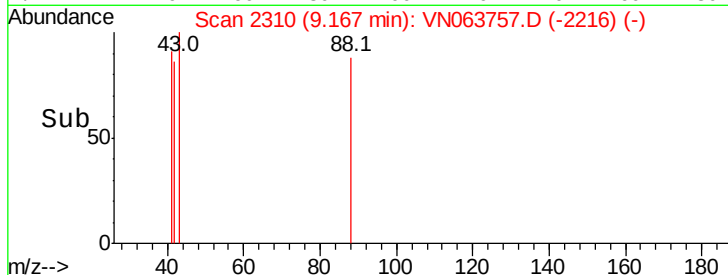
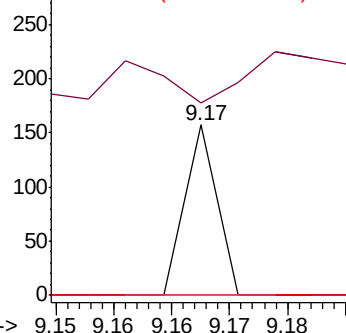
88 100

43 0.0 33.1 49.7#

58 0.0 58.9 88.3#



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: 49.263 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063757.D

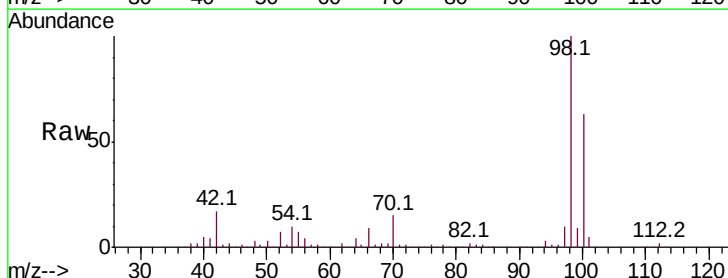
Acq: 30 Sep 2020 18:19

Tgt Ion: 98 Resp: 544047

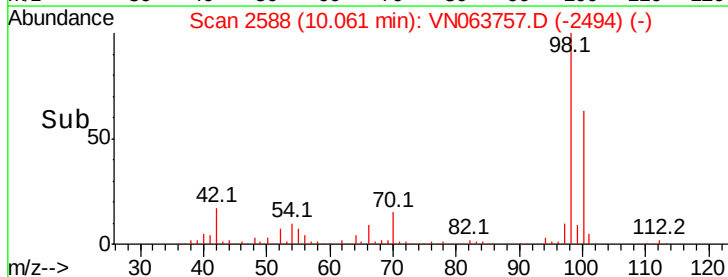
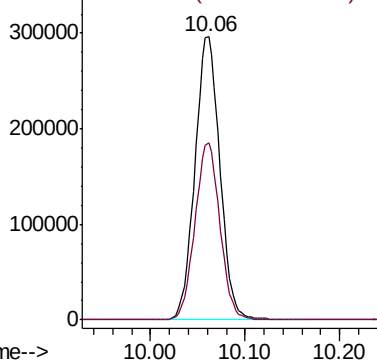
Ion Ratio Lower Upper

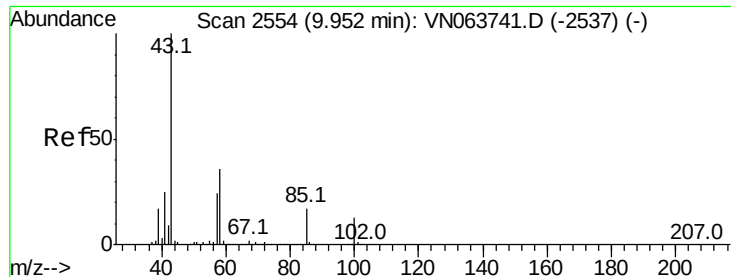
98 100

100 62.6 49.8 74.6



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

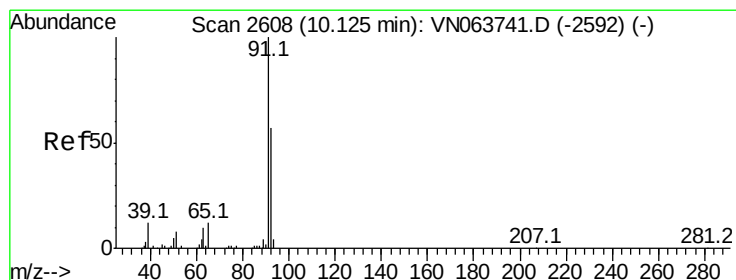
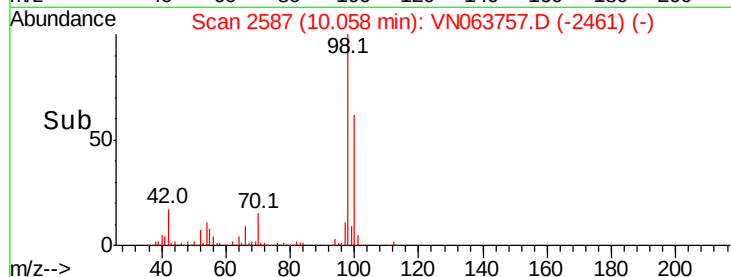
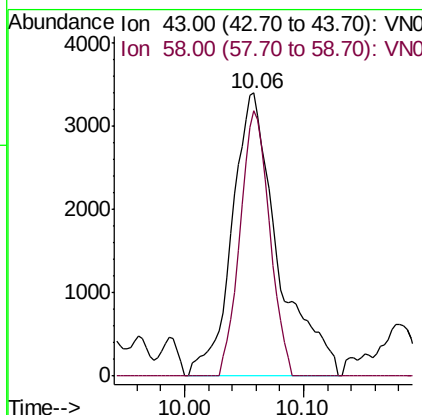
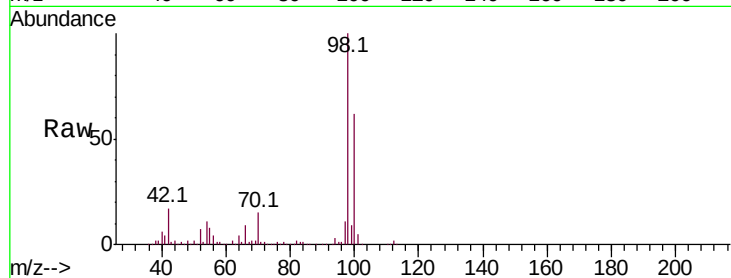




#51
 4-Methyl-2-Pentanone
 Concen: 2.218 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.11 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

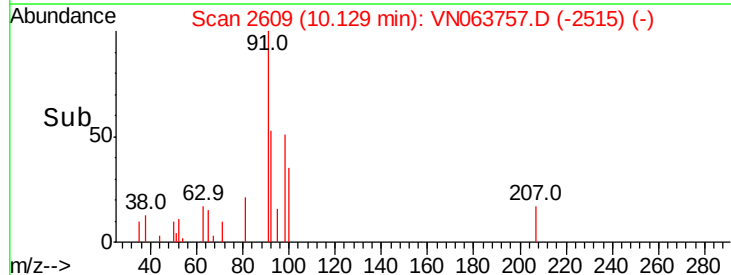
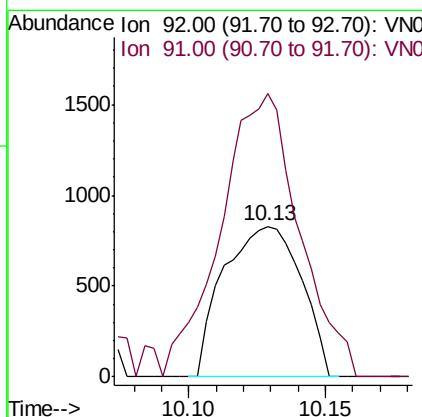
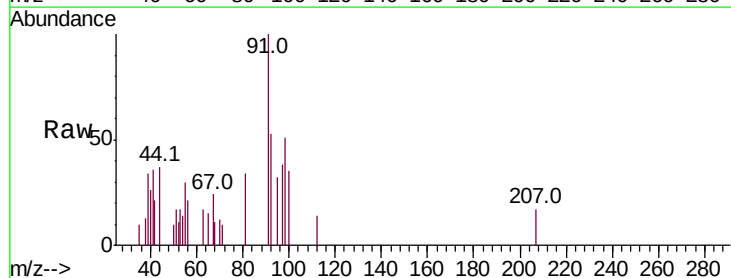
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

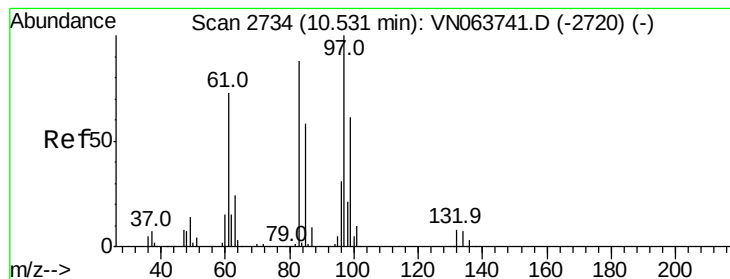
Tot Ion: 43 Resp: 9072
 Ion Ratio Lower Upper
 43 100
 58 60.2 28.4 42.6#



#52
 Toluene
 Concen: 0.218 ug/l
 RT: 10.13 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

Tgt Ion: 92 Resp: 1636
 Ion Ratio Lower Upper
 92 100
 91 191.1 140.6 210.8





#55

1,1,2-Trichloroethane

Concen: 6.972 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

TP-7

Tot Ion: 97 Resp: 21010

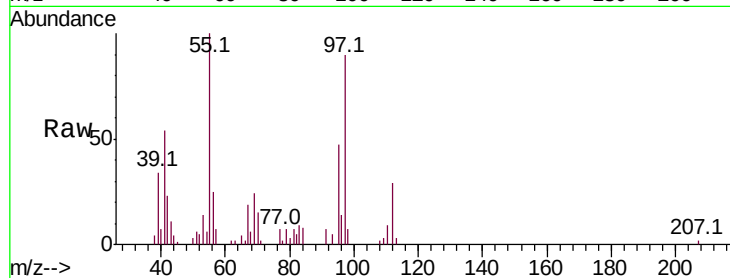
Ion Ratio Lower Upper

97 100

83 10.4 70.7 106.1#

85 0.0 46.1 69.1#

99 0.0 48.8 73.2#

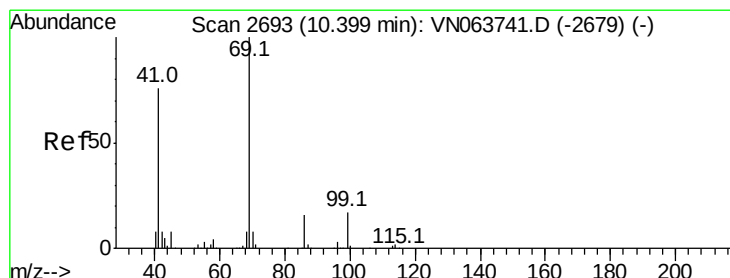
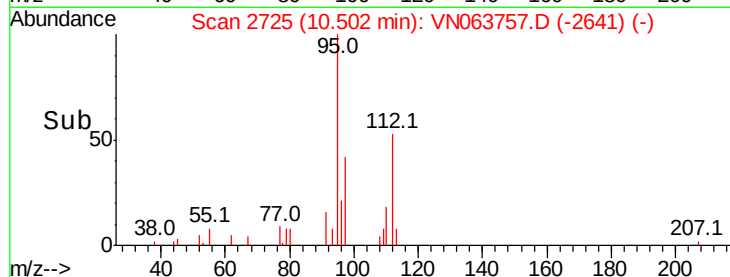
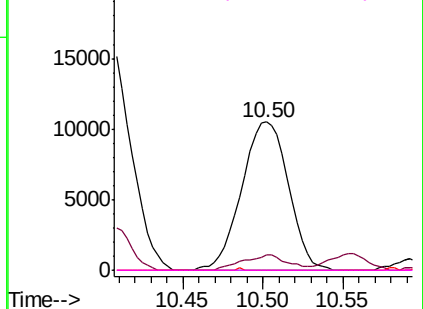


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 2.638 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

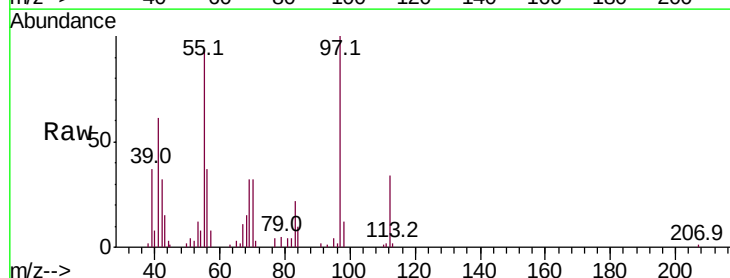
Tgt Ion: 69 Resp: 11268

Ion Ratio Lower Upper

69 100

41 172.1 61.1 91.7#

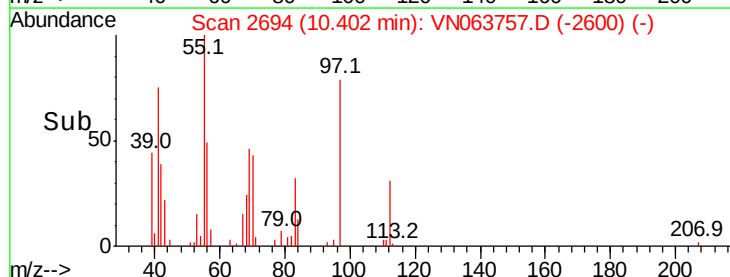
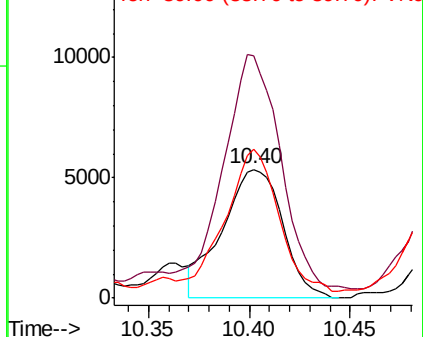
39 95.8 42.2 63.4#

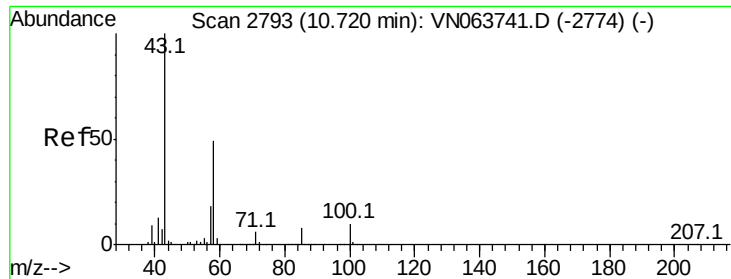


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

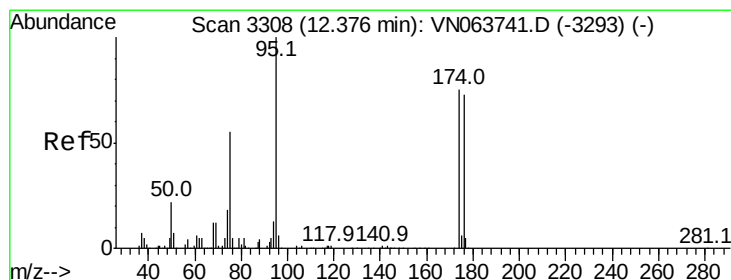
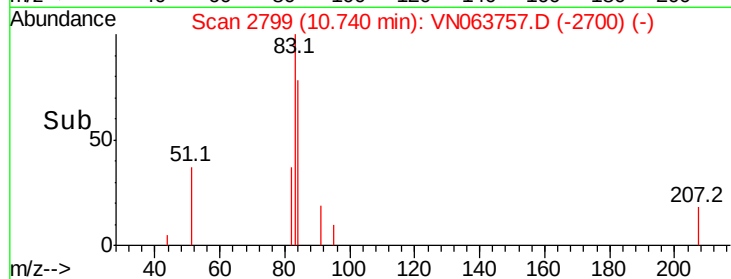
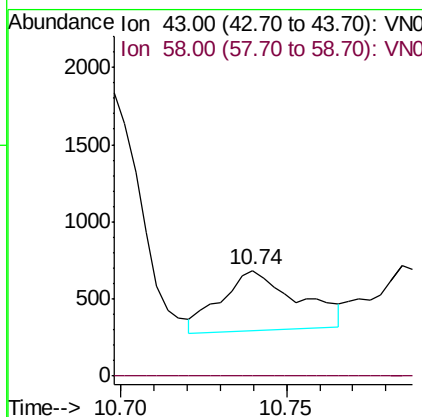
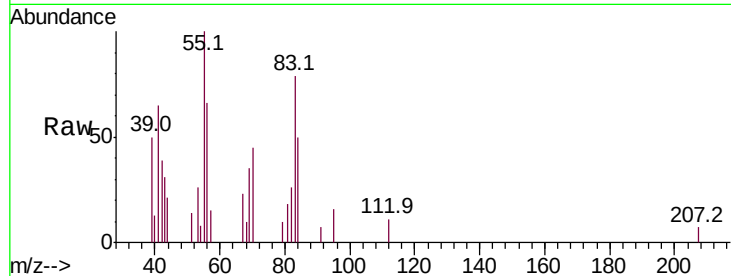




#59
2-Hexanone
Concen: 0.208 ug/l
RT: 10.74 min Scan# 2799
Delta R.T. 0.02 min
Lab File: VN063757.D
Acq: 30 Sep 2020 18:19

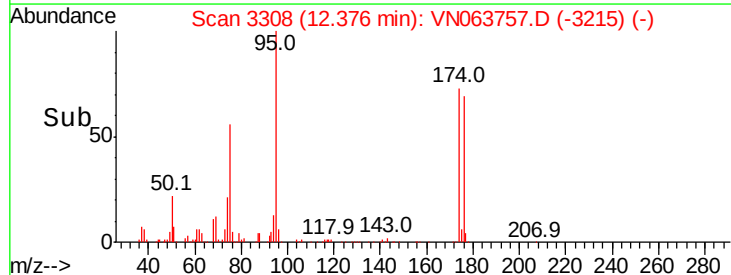
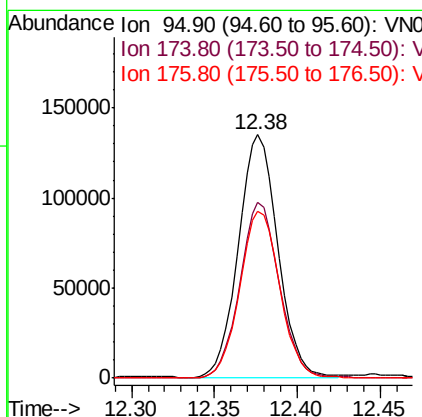
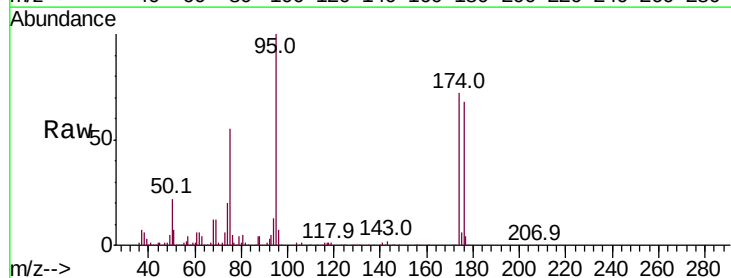
Instrument :
MSVOA_N
ClientSampled :
TP-7

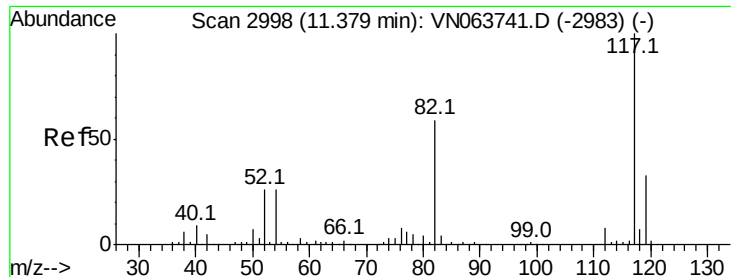
Tot Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 53.486 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063757.D
Acq: 30 Sep 2020 18:19

Tgt Ion: 95 Resp: 222043
Ion Ratio Lower Upper
95 100
174 72.7 0.0 150.6
176 70.2 0.0 145.4

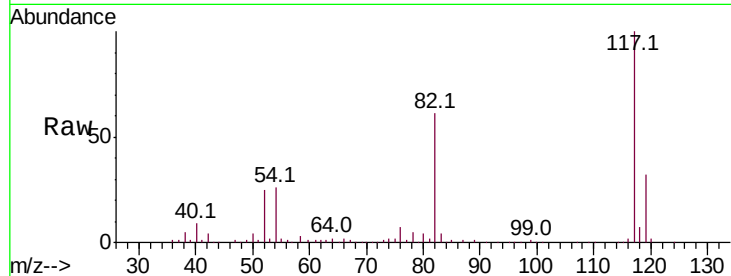




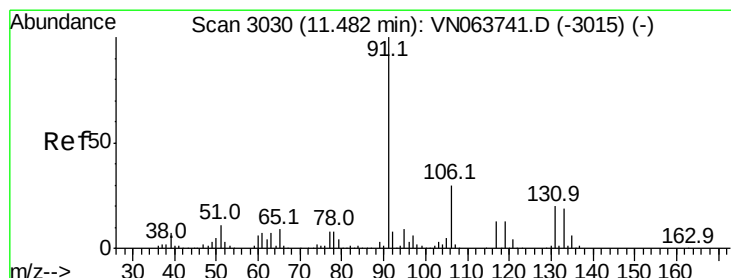
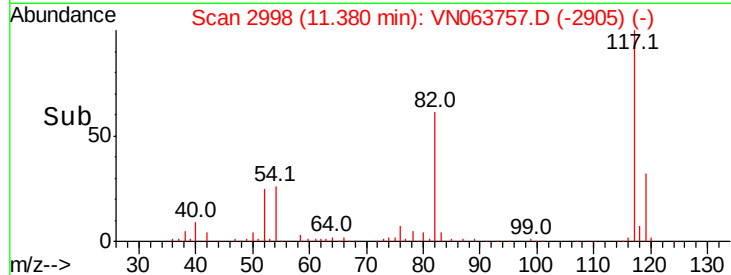
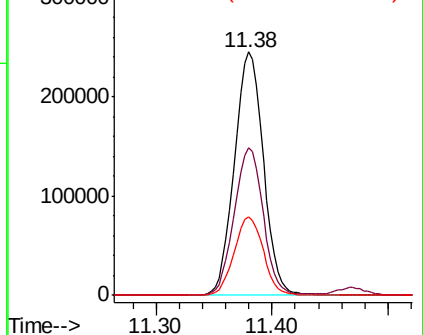
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063757.D
Acq: 30 Sep 2020 18:19

Instrument :
MSVOA_N
ClientSampled :
TP-7

Tot Ion:117 Resp: 424600
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 32.3 26.4 39.6

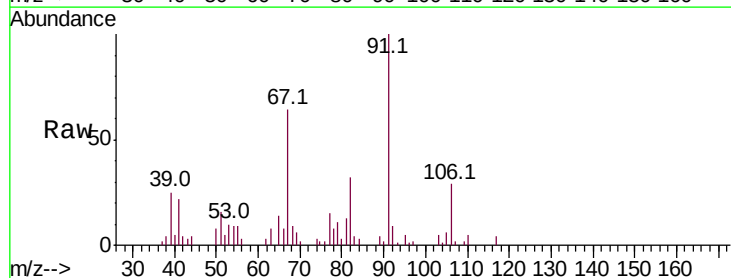


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

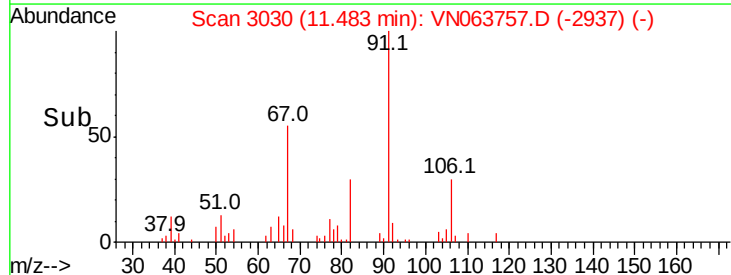
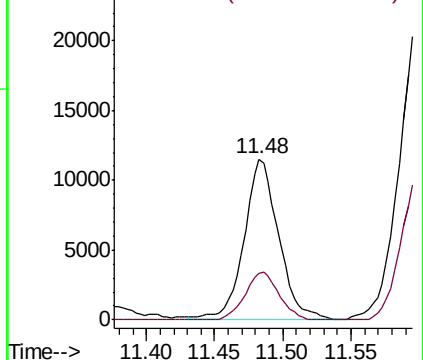


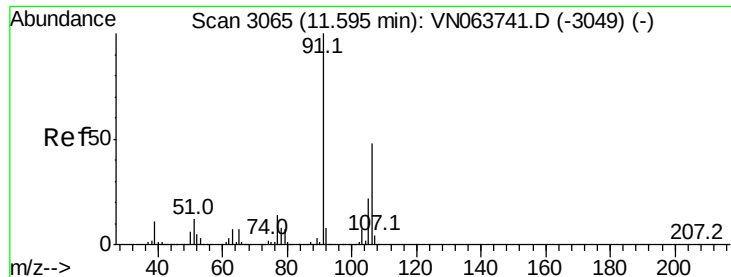
#67
Ethyl Benzene
Concen: 1.286 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063757.D
Acq: 30 Sep 2020 18:19

Tgt Ion: 91 Resp: 20382
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.2



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





#68

m/p-Xylenes

Concen: 3.272 ug/l

RT: 11.60 min Scan# 3067

Delta R.T. 0.01 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

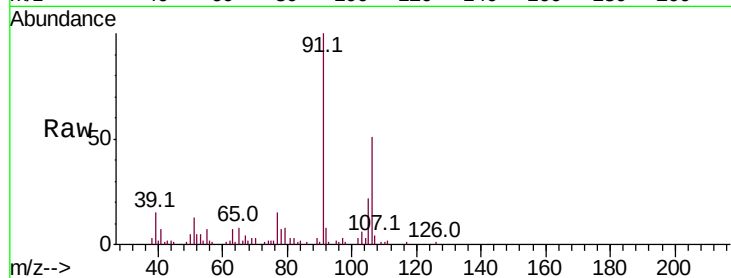
TP-7

Tot Ion:106 Resp: 19328

Ion Ratio Lower Upper

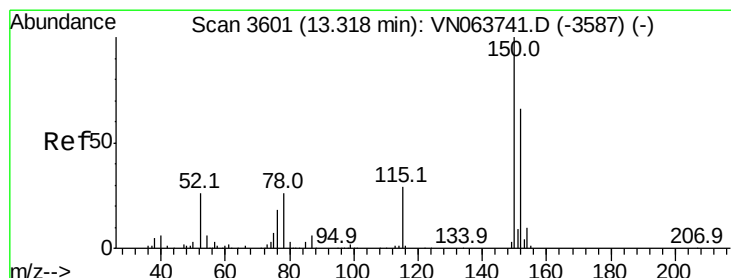
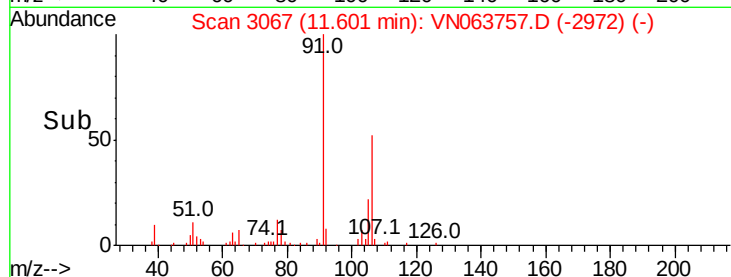
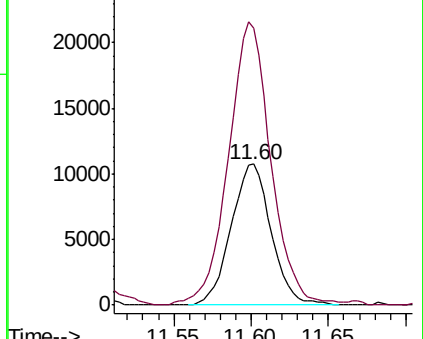
106 100

91 212.3 168.0 252.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

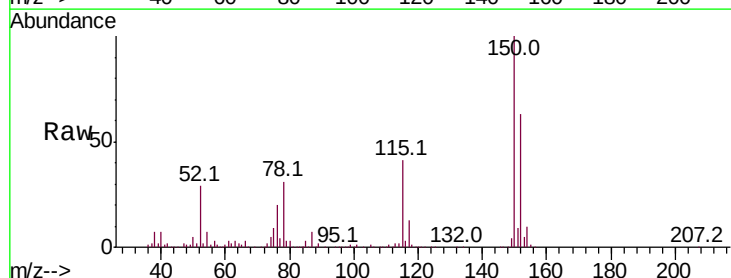
Tgt Ion:152 Resp: 196403

Ion Ratio Lower Upper

152 100

115 66.0 31.3 93.8

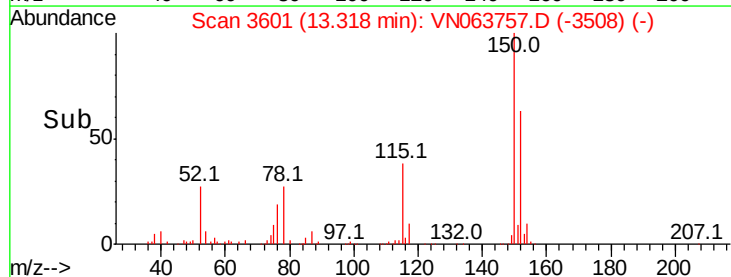
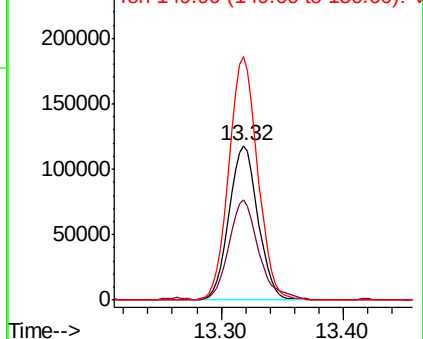
150 156.4 0.0 341.8

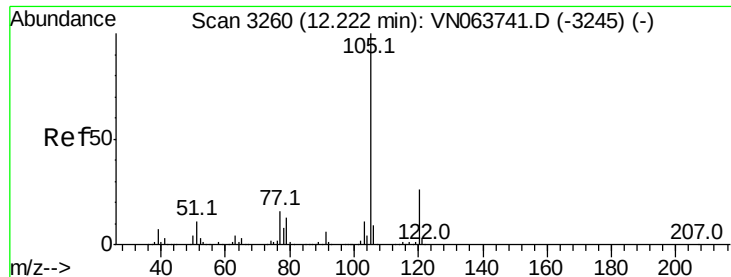


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.486 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

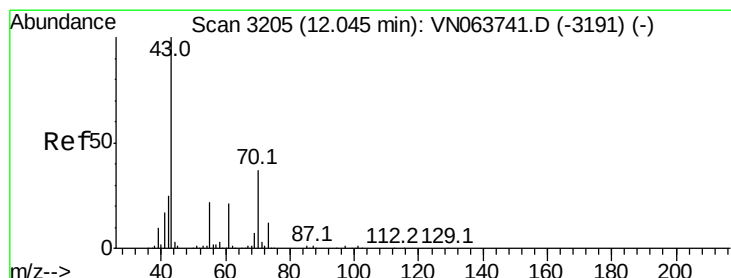
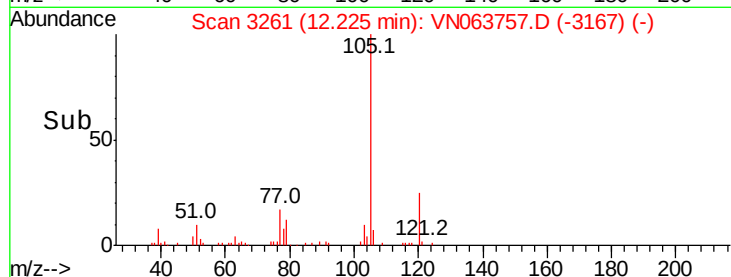
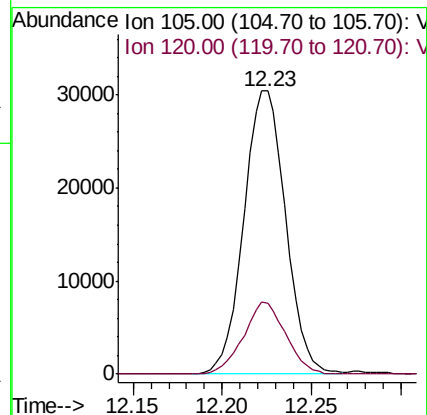
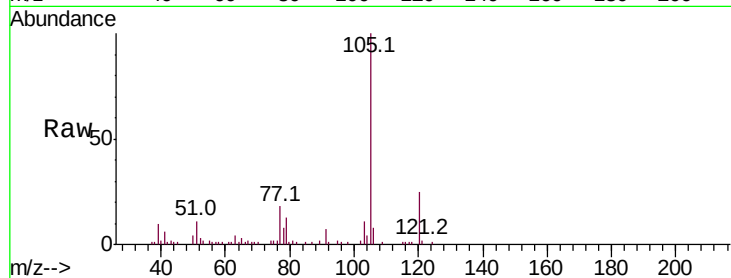
TP-7

Tot Ion:105 Resp: 49941

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 2.251 ug/l

RT: 12.05 min Scan# 3207

Delta R.T. 0.01 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Tgt Ion: 43 Resp: 244

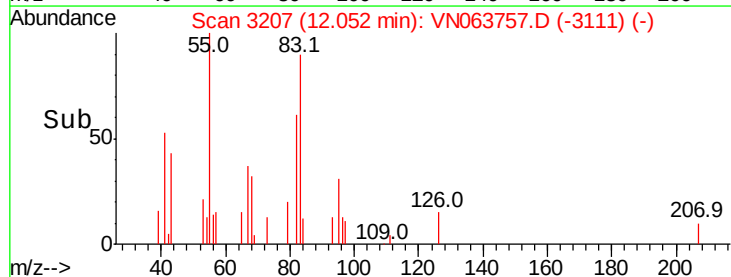
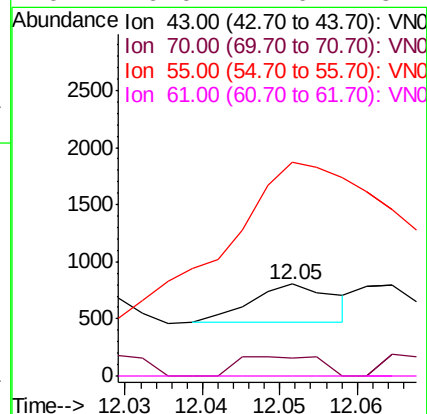
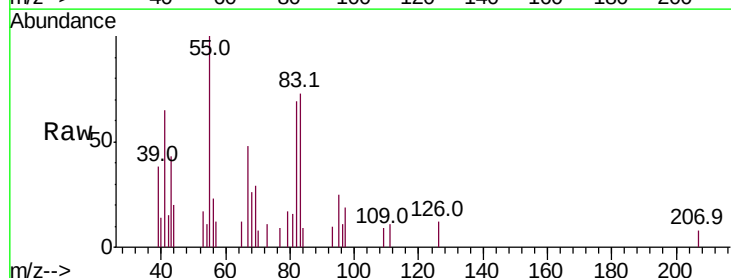
Ion Ratio Lower Upper

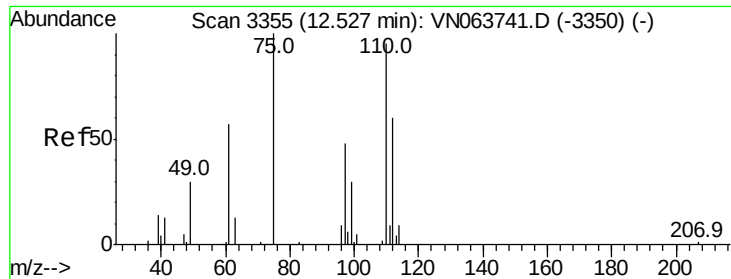
43 100

70 51.2 29.8 44.8#

55 945.9 17.9 26.9#

61 0.0 17.0 25.4#





#76

1,2,3-Trichloropropane

Concen: 29.198 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :

MSVOA_N

ClientSampled :

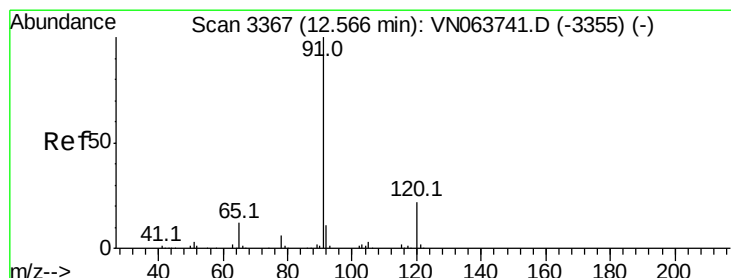
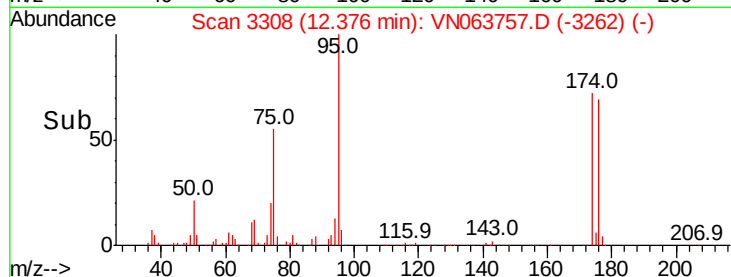
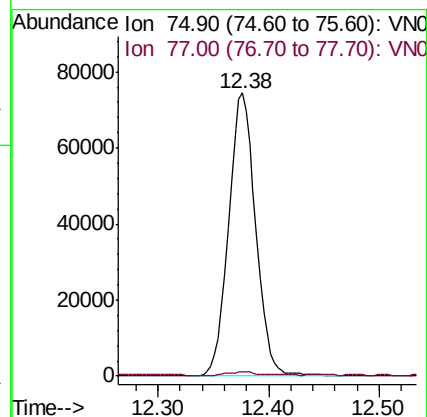
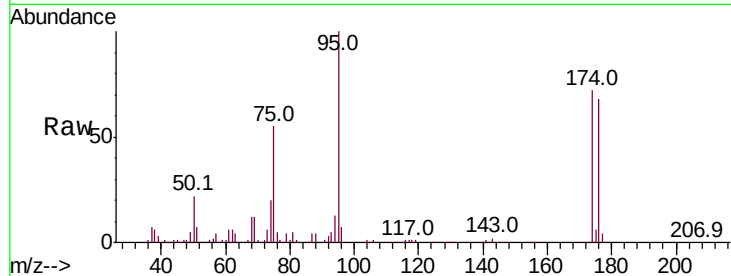
TP-7

Tot Ion: 75 Resp: 126413

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#78

n-propylbenzene

Concen: 5.209 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063757.D

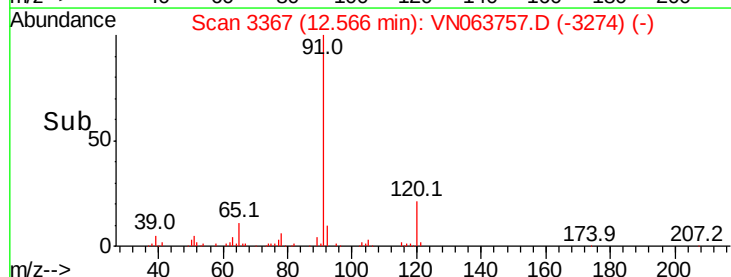
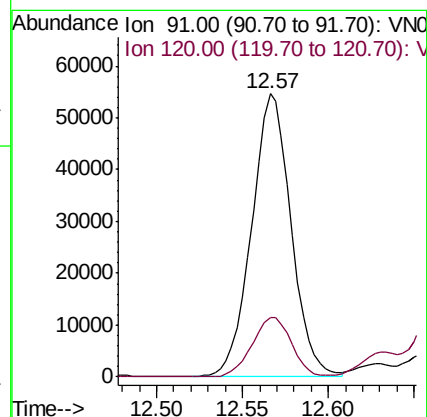
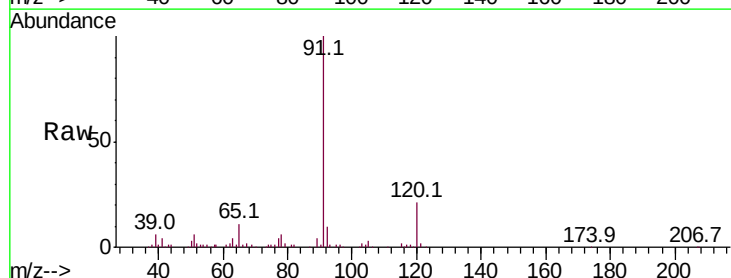
Acq: 30 Sep 2020 18:19

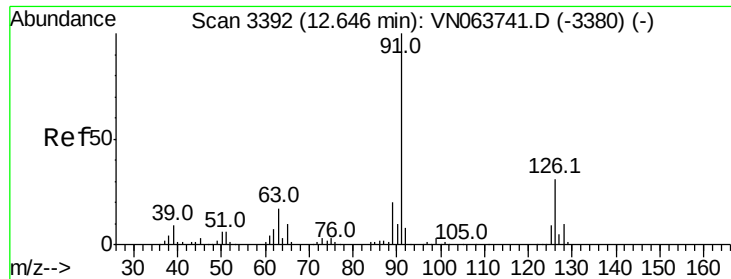
Tgt Ion: 91 Resp: 86837

Ion Ratio Lower Upper

91 100

120 21.0 11.1 33.1

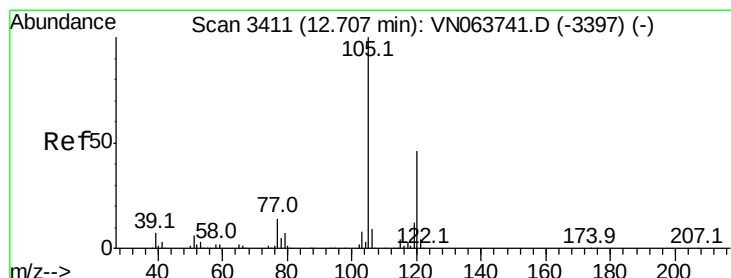
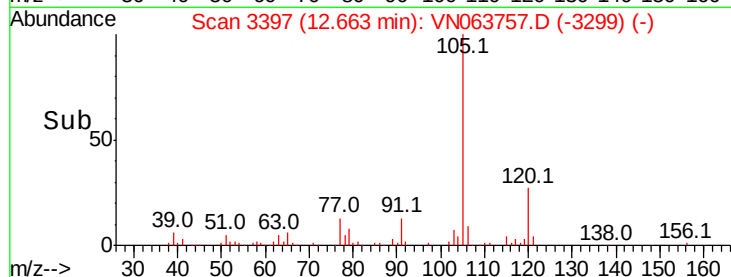
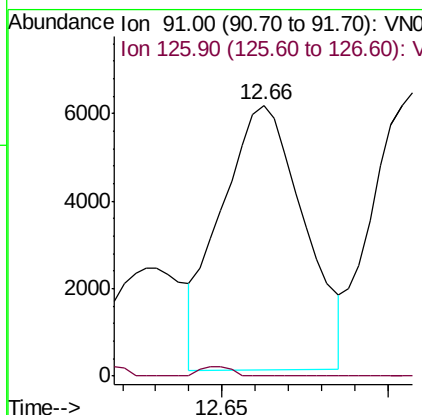
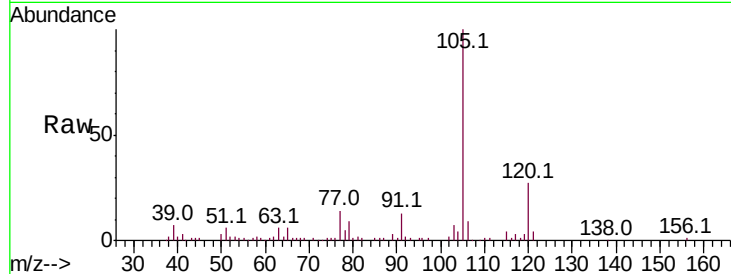




#79
 2-Chlorotoluene
 Concen: 1.025 ug/l
 RT: 12.66 min Scan# 3397
 Delta R.T. 0.02 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

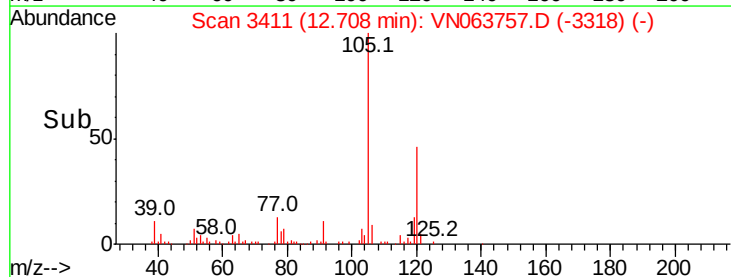
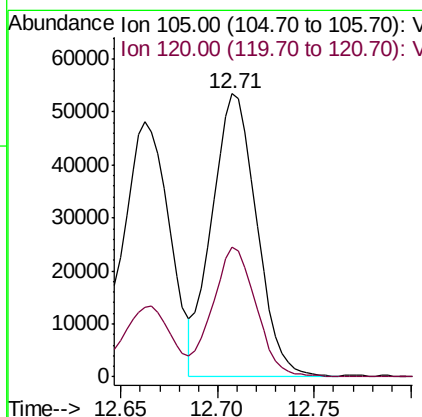
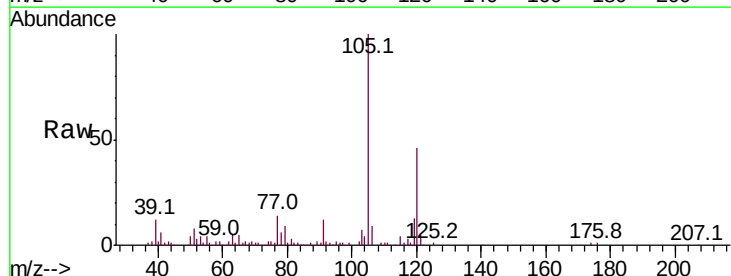
Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

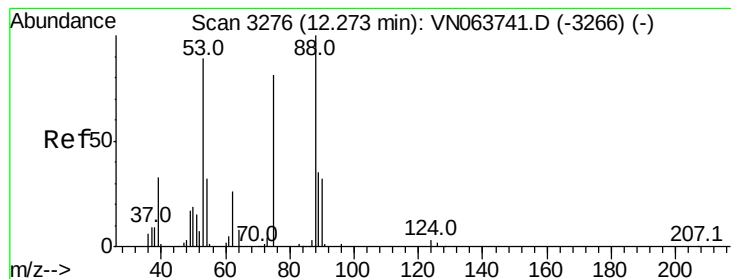
Tot Ion: 91 Resp: 10513
 Ion Ratio Lower Upper
 91 100
 126 1.4 15.9 47.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 7.122 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

Tgt Ion:105 Resp: 85592
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 84.095 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :

MSVOA_N

ClientSampled :

TP-7

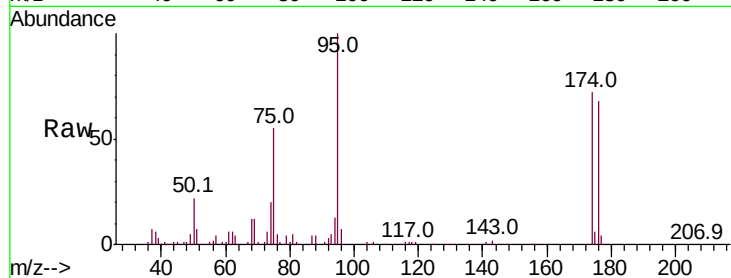
Tot Ion: 75 Resp: 126413

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

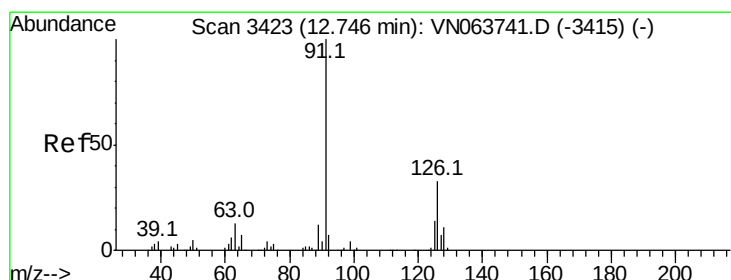
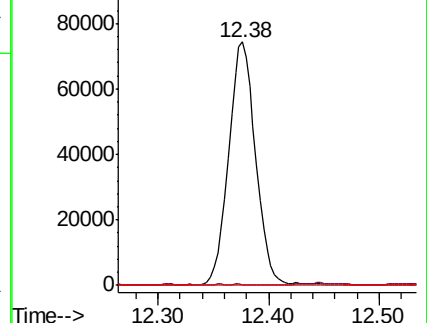
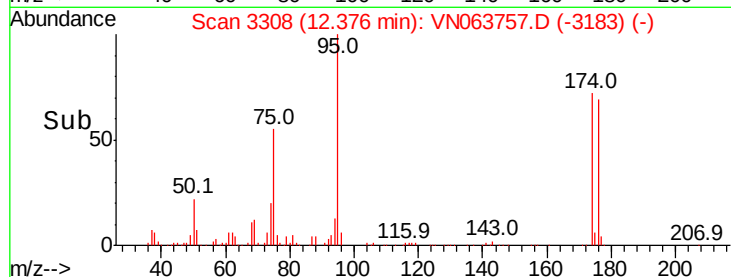
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.058 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN063757.D

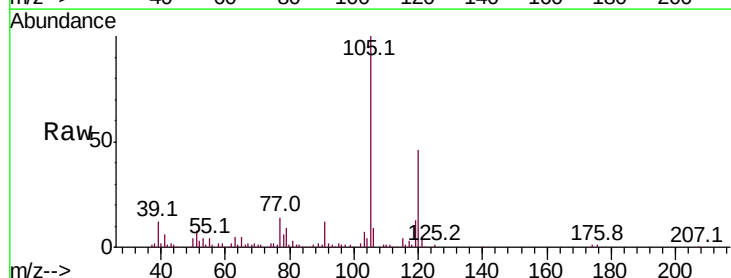
Acq: 30 Sep 2020 18:19

Tgt Ion: 91 Resp: 11267

Ion Ratio Lower Upper

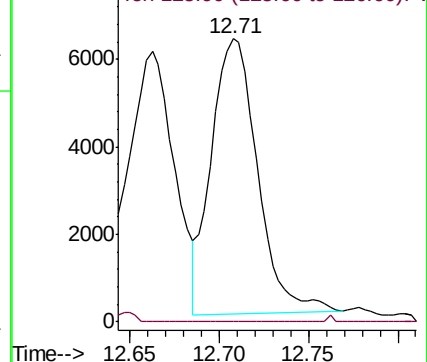
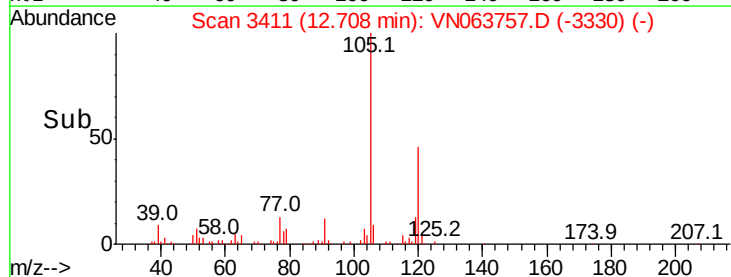
91 100

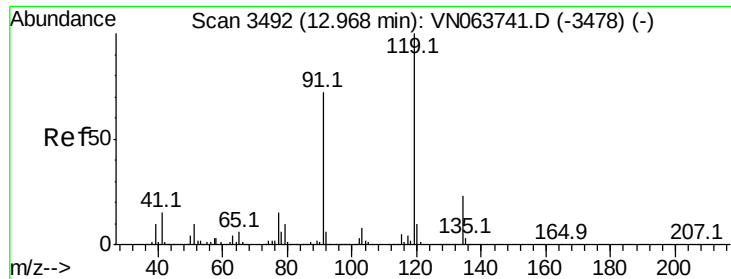
126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

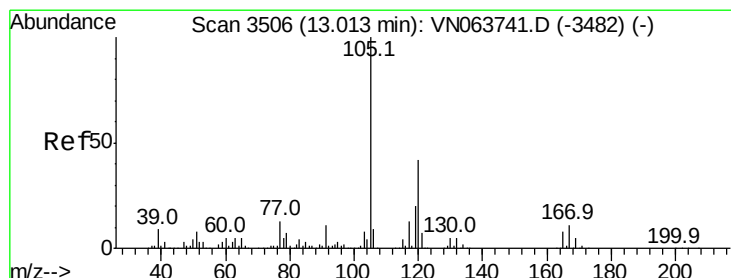
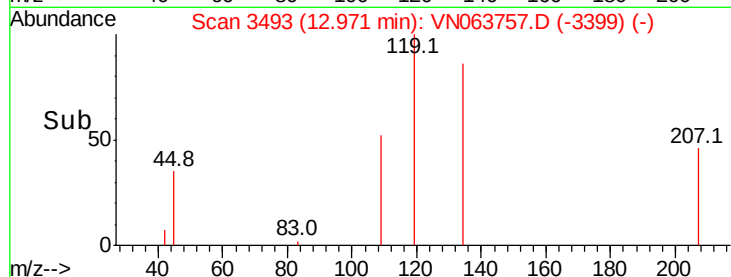
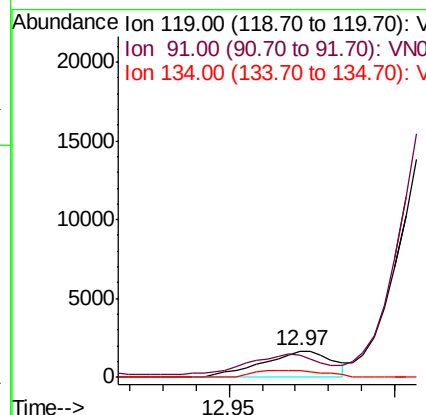
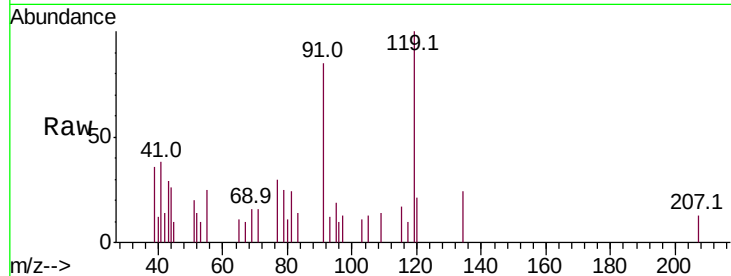




#83
 tert-Butylbenzene
 Concen: 0.250 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

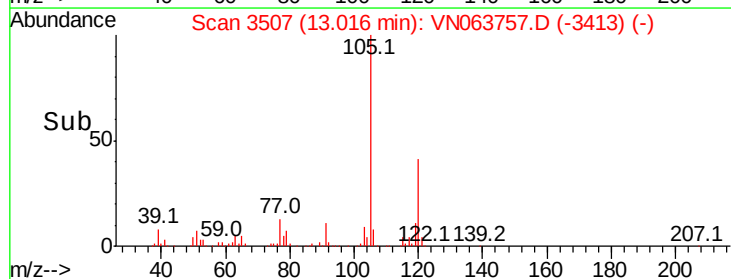
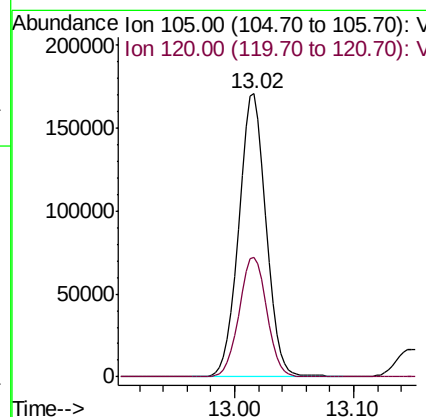
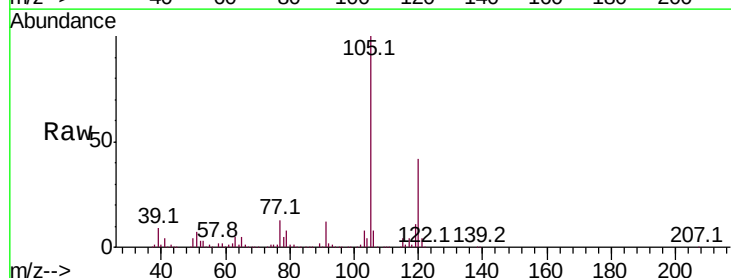
Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

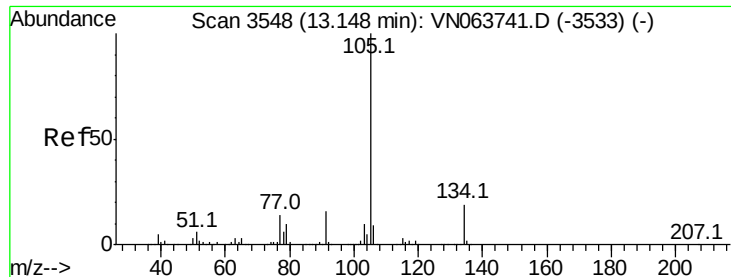
Tot Ion:119 Resp: 2461
 Ion Ratio Lower Upper
 119 100
 91 80.5 35.5 106.5
 134 27.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 22.604 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

Tgt Ion:105 Resp: 271235
 Ion Ratio Lower Upper
 105 100
 120 43.0 20.9 62.7





#85

sec-Butylbenzene

Concen: 2.140 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

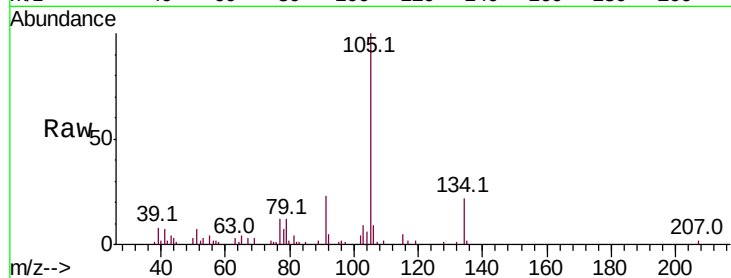
TP-7

Tot Ion:105 Resp: 27633

Ion Ratio Lower Upper

105 100

134 28.3 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

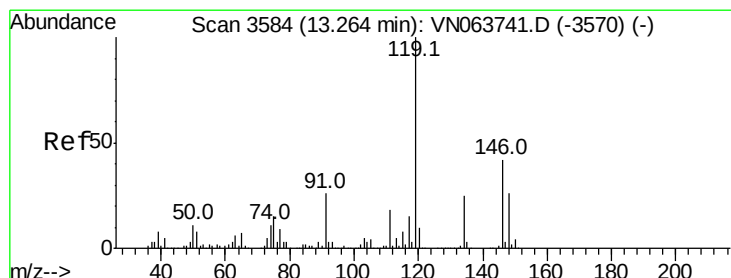
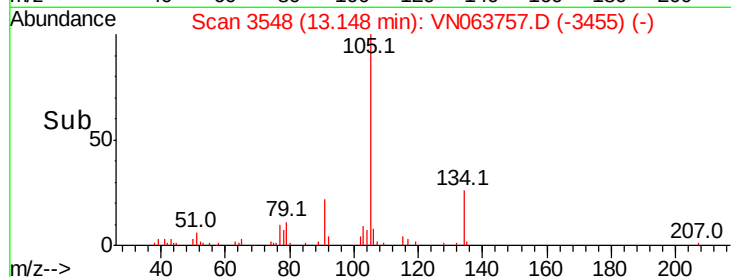
15000

10000

5000

0

Time-->



#86

p-Isopropyltoluene

Concen: 2.577 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

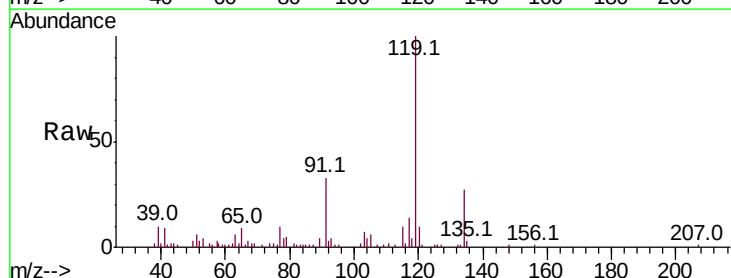
Tgt Ion:119 Resp: 29442

Ion Ratio Lower Upper

119 100

134 27.3 12.6 37.8

91 29.2 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

13.26

25000

20000

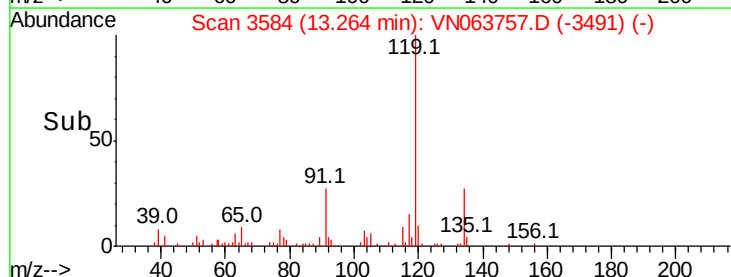
15000

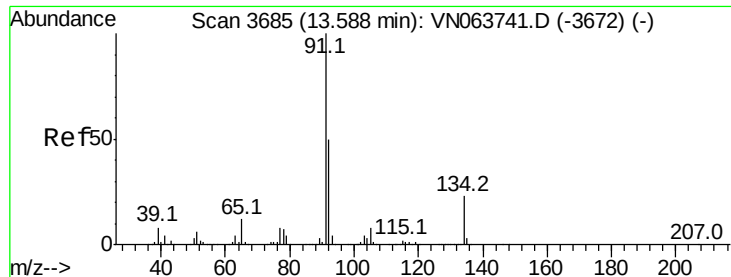
10000

5000

0

Time-->





#89

n-Butylbenzene

Concen: 0.625 ug/l

RT: 13.52 min Scan# 3663

Delta R.T. -0.07 min

Lab File: VN063757.D

Acq: 30 Sep 2020 18:19

Instrument :

MSVOA_N

ClientSampleId :

TP-7

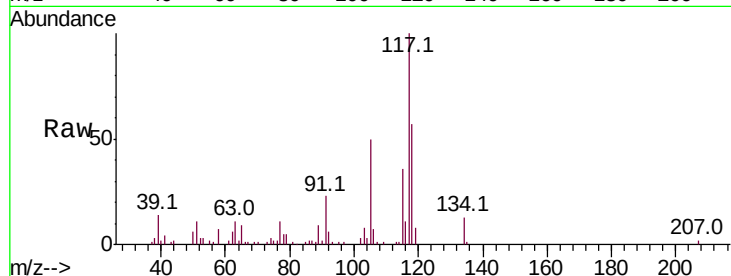
Tot Ion: 91 Resp: 6592

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.4

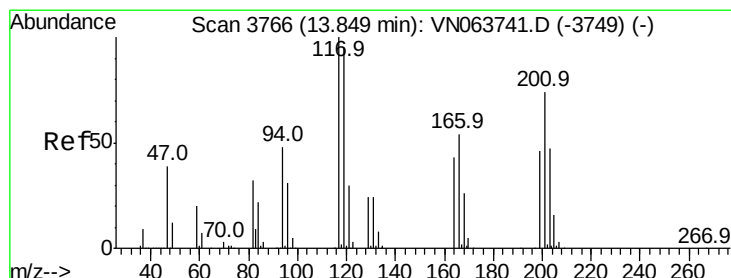
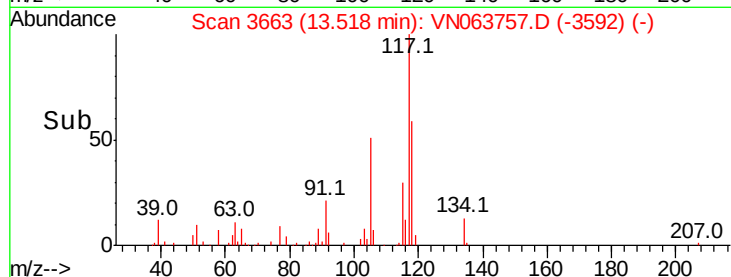
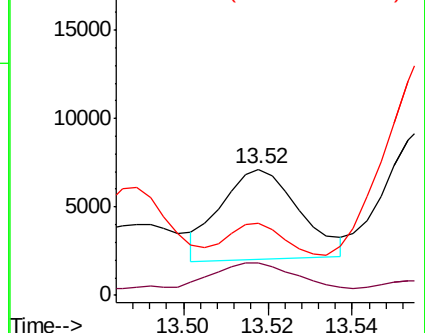
134 33.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0



#90

Hexachloroethane

Concen: 2.750 ug/l

RT: 13.87 min Scan# 3771

Delta R.T. 0.02 min

Lab File: VN063757.D

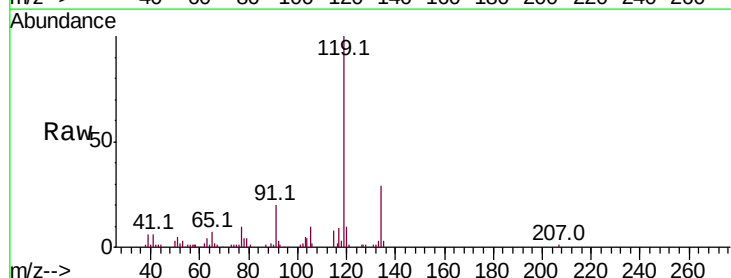
Acq: 30 Sep 2020 18:19

Tgt Ion: 117 Resp: 6087

Ion Ratio Lower Upper

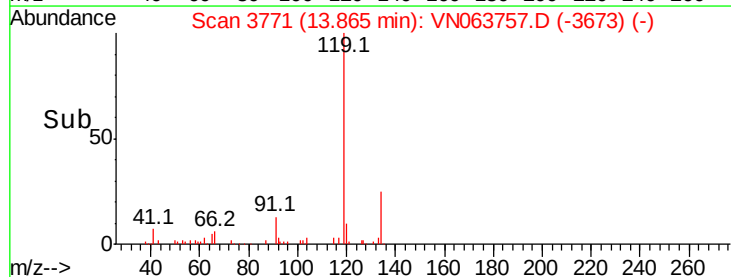
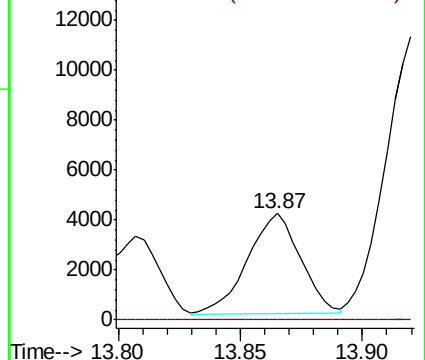
117 100

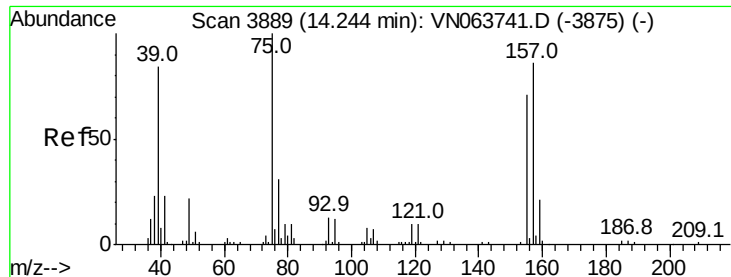
201 0.0 36.0 108.0#



Abundance Ion 116.80 (116.50 to 117.50): VN0

Ion 200.70 (200.40 to 201.40): VN0

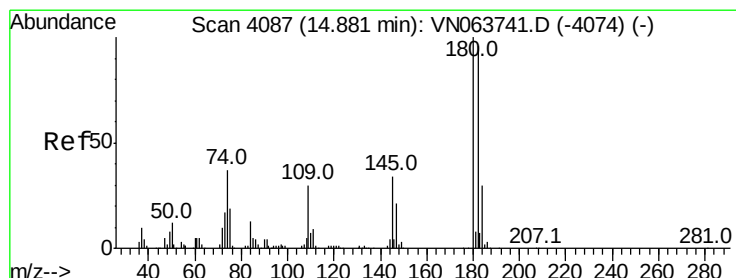
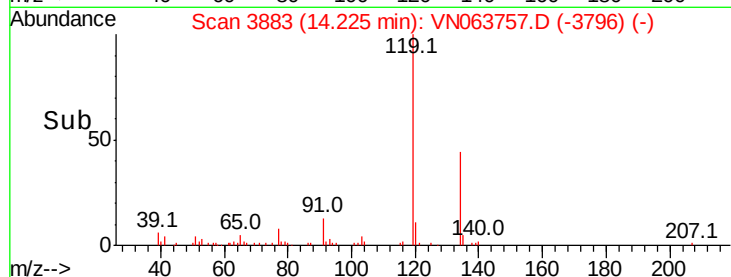
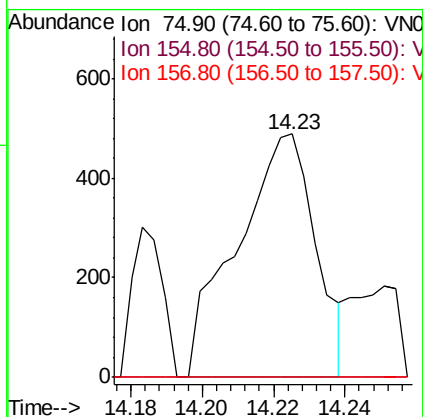
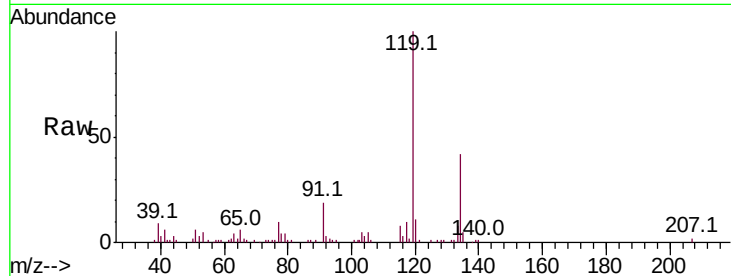




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.727 ug/l
 RT: 14.23 min Scan# 3883
 Delta R.T. -0.02 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

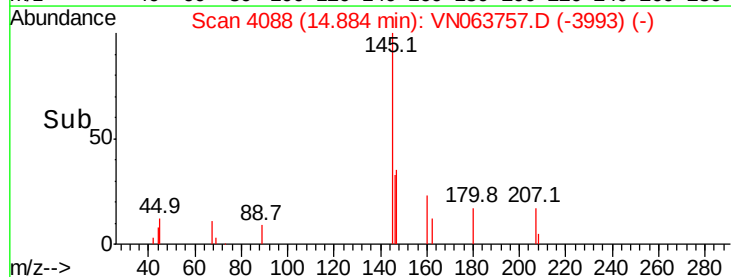
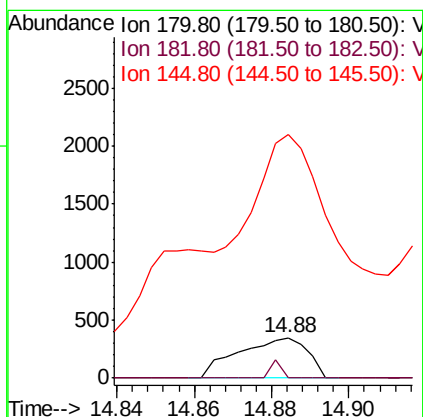
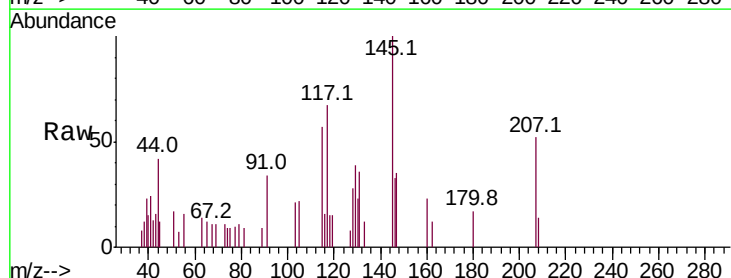
Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

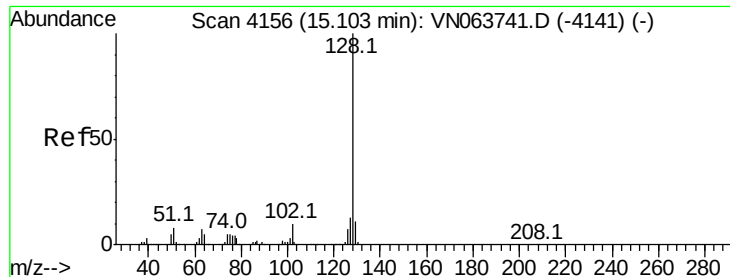
Tot Ion: 75 Resp: 747
 Ion Ratio Lower Upper
 75 100
 155 0.0 34.8 104.5#
 157 0.0 43.7 131.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.858 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063757.D
 Acq: 30 Sep 2020 18:19

Tgt Ion: 180 Resp: 433
 Ion Ratio Lower Upper
 180 100
 182 6.9 48.2 144.6#
 145 825.9 17.1 51.2#

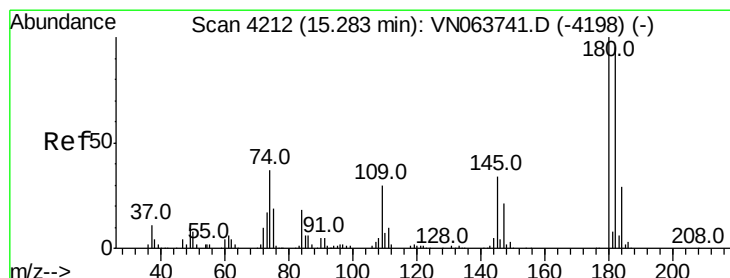
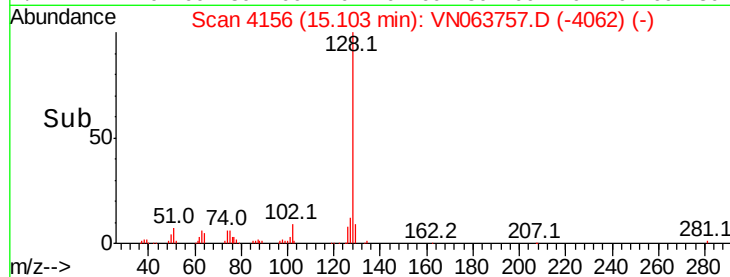
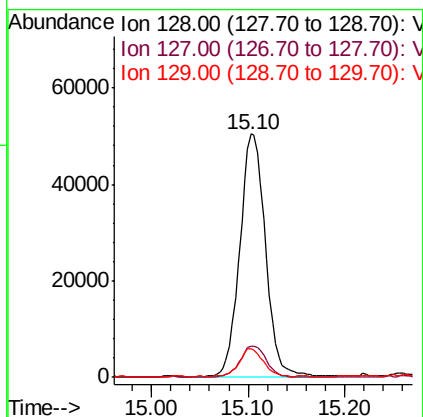
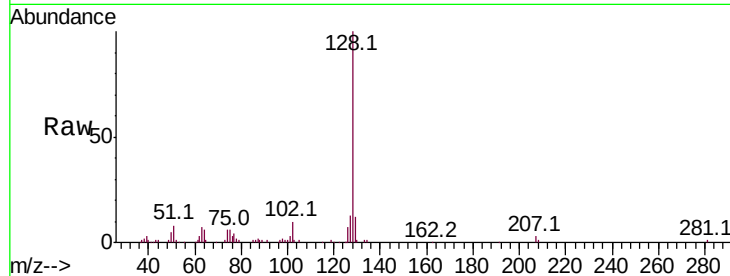




#95
Naphthalene
Concen: 10.453 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063757.D
Acq: 30 Sep 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :
TP-7

Tot Ion:128 Resp: 93999
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.632 ug/l
RT: 15.29 min Scan# 4214
Delta R.T. 0.01 min
Lab File: VN063757.D
Acq: 30 Sep 2020 18:19

Tgt Ion:180 Resp: 219
Ion Ratio Lower Upper
180 100
182 147.9 47.9 143.6#
145 0.0 17.2 51.5#

