

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063767.D
 Acq On : 1 Oct 2020 13:22
 Operator : JC/MD
 Sample : L4181-04DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40741DL

Quant Time: Oct 02 02:13:37 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	7.62	168	213517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	384852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	390879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178938	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	176568	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	7.55	113	127827	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.06	98	488124	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.38	95	201480	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	

Target Compounds

						Qvalue
5) Bromomethane	2.55	94	530	0.318	ug/l #	4
11) Tert butyl alcohol	4.72	59	302	0.775	ug/l #	71
16) Acetone	3.77	43	251253	231.386	ug/l	97
17) Carbon Disulfide	4.01	76	2077	1.053	ug/l #	76
18) Methyl Acetate	4.01	43	11244	3.988	ug/l #	54
20) Methylene Chloride	4.51	84	1301	0.620	ug/l #	61
25) 2-Butanone	6.79	43	39321	25.542	ug/l	96
31) Cyclohexane	7.62	56	6301	1.539	ug/l #	28
36) 1,1-Dichloropropene	7.63	75	20322	5.212	ug/l #	50
37) Ethyl Acetate	6.79	43	39321	10.151	ug/l #	72
38) Carbon Tetrachloride	7.62	117	23388	5.349	ug/l #	15
40) Benzene	8.01	78	2547	0.229	ug/l #	90
51) 4-Methyl-2-Pentanone	9.95	43	4558	1.216	ug/l	93
52) Toluene	10.13	92	18506	2.687	ug/l	99
59) 2-Hexanone	10.73	43	2577	0.925	ug/l	95
67) Ethyl Benzene	11.48	91	65403	4.483	ug/l	98
68) m/p-Xylenes	11.59	106	114051	20.974	ug/l	99
69) o-Xylene	11.92	106	73587	14.479	ug/l	98
70) Styrene	11.92	104	4350	0.504	ug/l #	1
73) Isopropylbenzene	12.23	105	18928	1.450	ug/l	99
74) N-amyl acetate	12.01	43	6015	3.164	ug/l #	50
76) 1,2,3-Trichloropropane	12.64	75	4779	1.212	ug/l #	100
78) n-propylbenzene	12.57	91	85830	5.651	ug/l	97
79) 2-Chlorotoluene	12.63	91	40279	4.312	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	138887	12.684	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	115776	84.536	ug/l #	6
82) 4-Chlorotoluene	12.71	91	14350	1.480	ug/l #	44
83) tert-Butylbenzene	13.02	119	73897	8.251	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.02	105	639928	58.536	ug/l	98
85) sec-Butylbenzene	13.02	105	639928	54.398	ug/l #	58
86) p-Isopropyltoluene	13.26	119	8291	0.797	ug/l	91
89) n-Butylbenzene	13.59	91	17204	1.791	ug/l #	70
90) Hexachloroethane	13.86	117	11934	5.918	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.88	180	1202	2.108	ug/l #	76

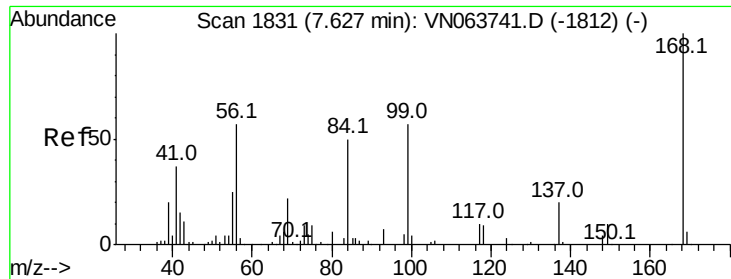
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
Data File : VN063767.D
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	810	0.587	ug/l	82
95) Naphthalene	15.10	128	266357	28.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	1649	2.096	ug/l #	62

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampled :

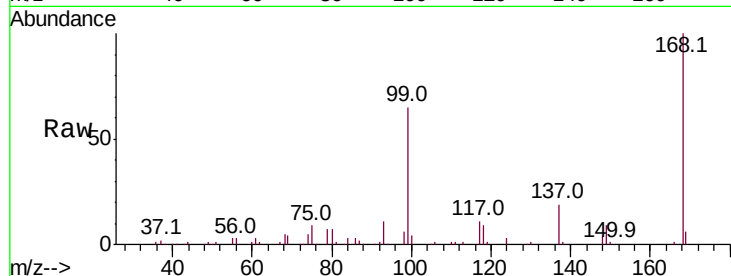
40741DL

Tot Ion:168 Resp: 213517

Ion Ratio Lower Upper

168 100

99 65.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

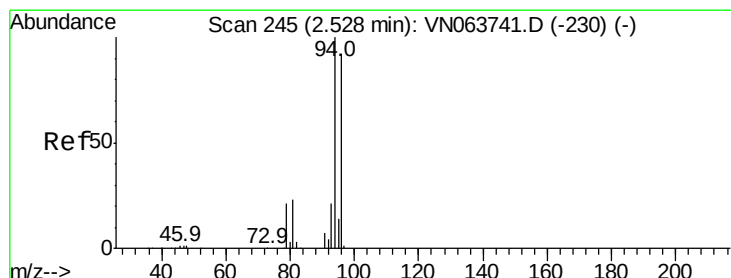
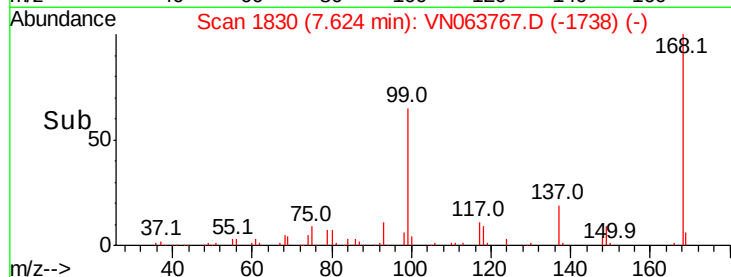
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#5

Bromomethane

Concen: 0.318 ug/l

RT: 2.55 min Scan# 252

Delta R.T. 0.02 min

Lab File: VN063767.D

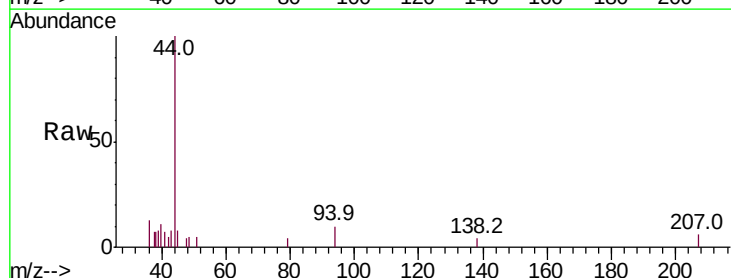
Acq: 1 Oct 2020 13:22

Tgt Ion: 94 Resp: 530

Ion Ratio Lower Upper

94 100

96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.55

400

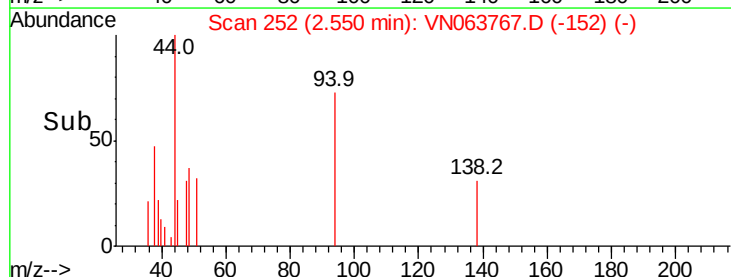
300

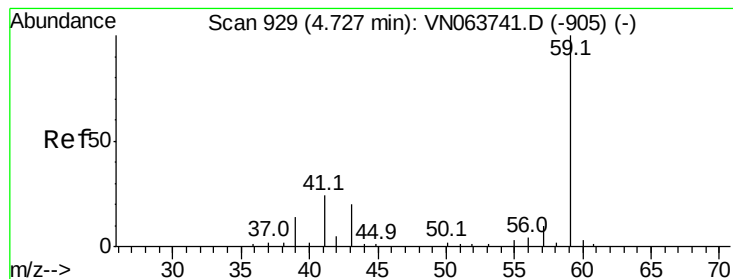
200

100

0

Time--> 2.50 2.52 2.54 2.56





#11

Tert butyl alcohol

Concen: 0.775 ug/l

RT: 4.72 min Scan# 927

Delta R.T. -0.01 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampled :

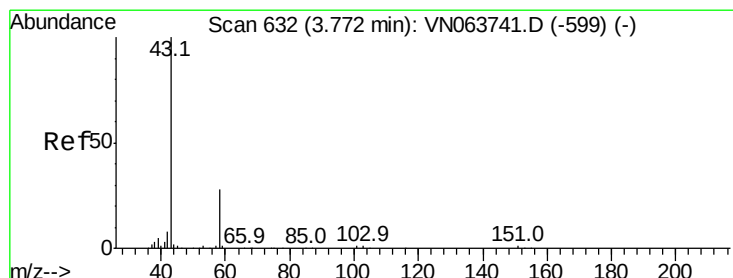
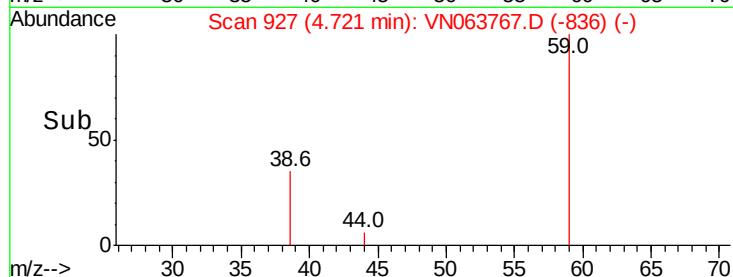
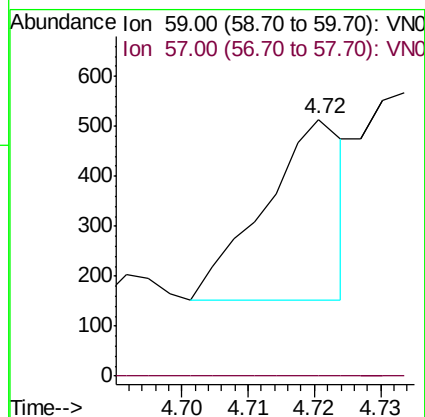
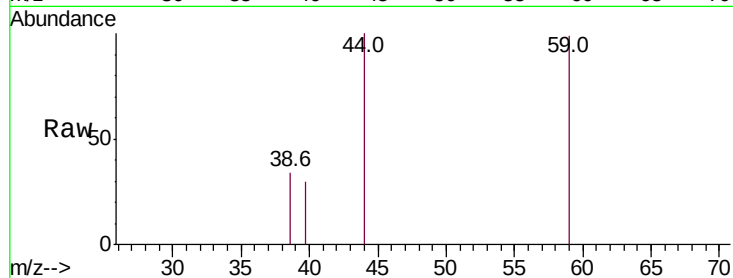
40741DL

Tot Ion: 59 Resp: 302

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#16

Acetone

Concen: 231.386 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063767.D

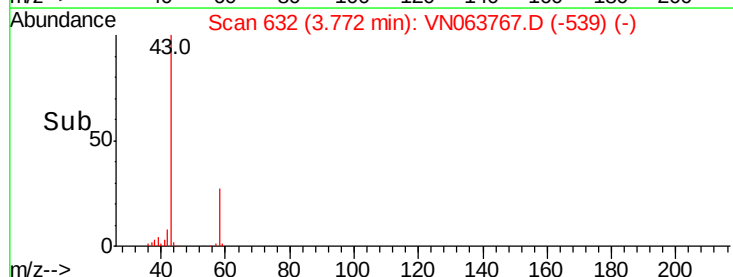
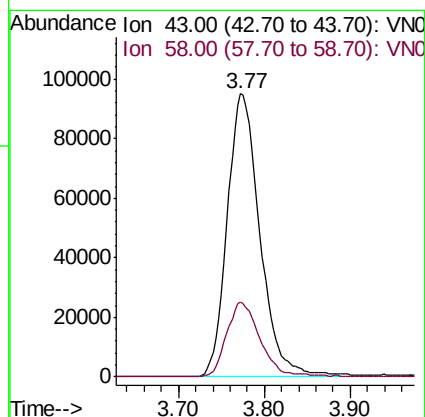
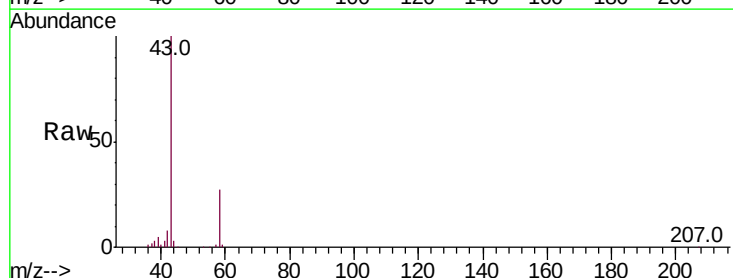
Acq: 1 Oct 2020 13:22

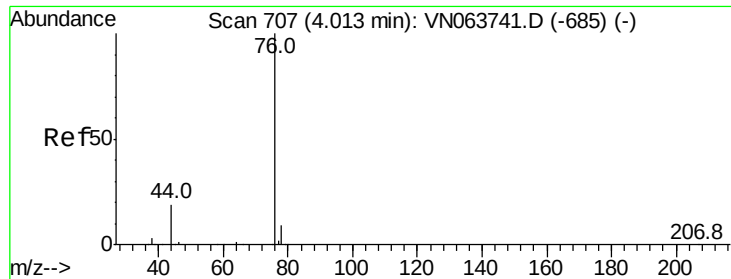
Tgt Ion: 43 Resp: 251253

Ion Ratio Lower Upper

43 100

58 26.6 22.3 33.5

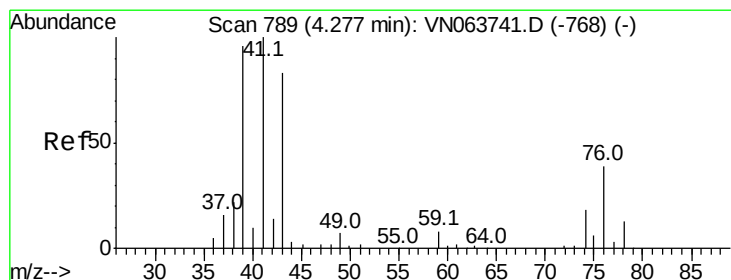
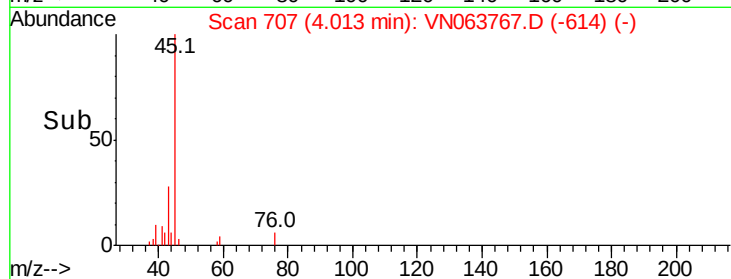
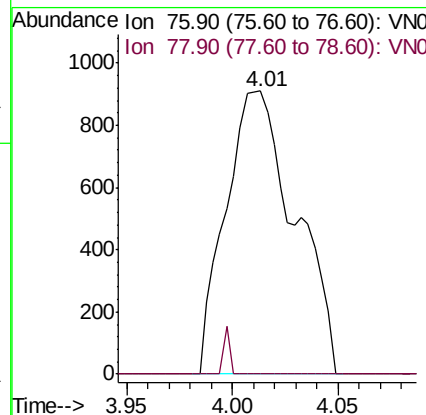
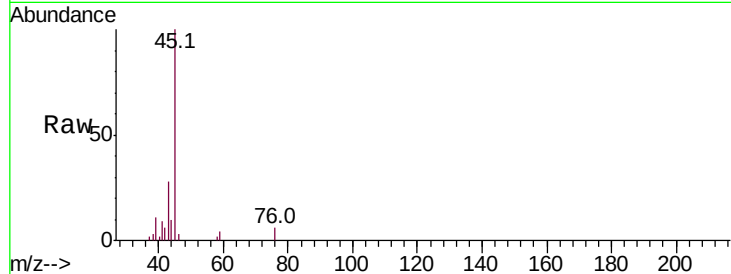




#17
Carbon Disulfide
Concen: 1.053 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

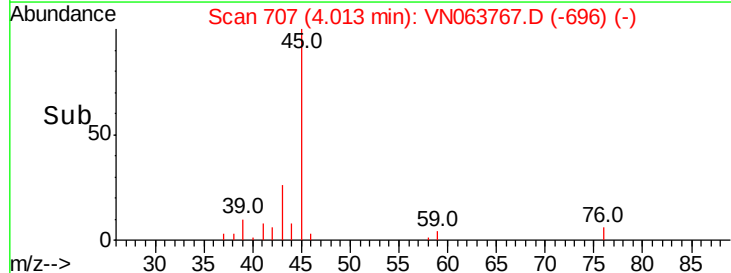
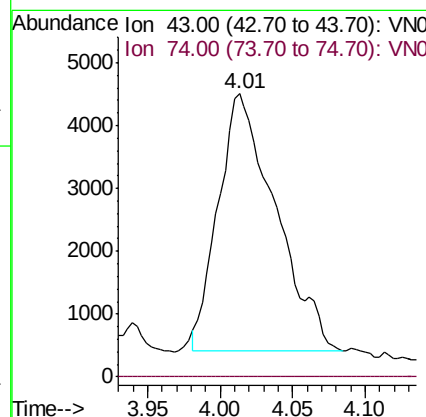
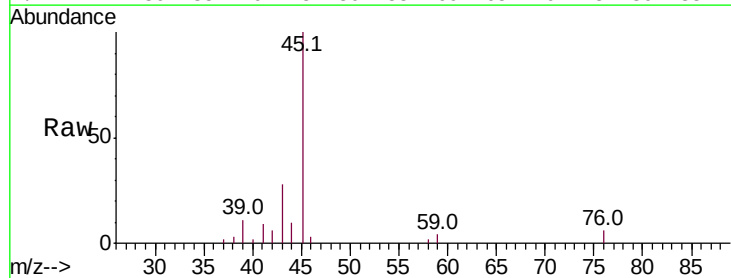
Instrument :
MSVOA_N
ClientSampled :
40741DL

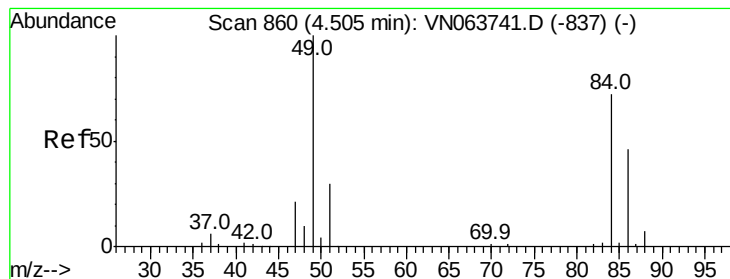
Tot Ion: 76 Resp: 2077
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#18
Methyl Acetate
Concen: 3.988 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.26 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

Tgt Ion: 43 Resp: 11244
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#





#20

Methvlene Chloride

Concen: 0.620 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

40741DL

Tot Ion: 84 Resp: 1301

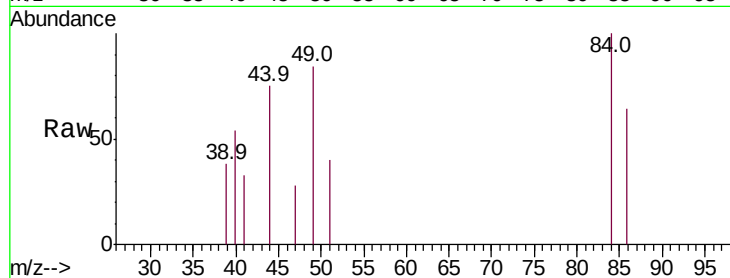
Ion Ratio Lower Upper

84 100

49 57.3 110.4 165.6#

51 39.9 33.3 49.9

86 64.4 50.7 76.1

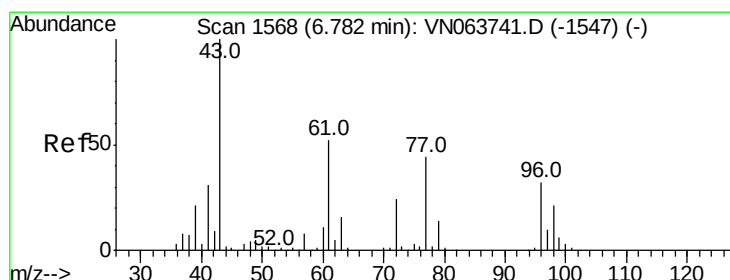
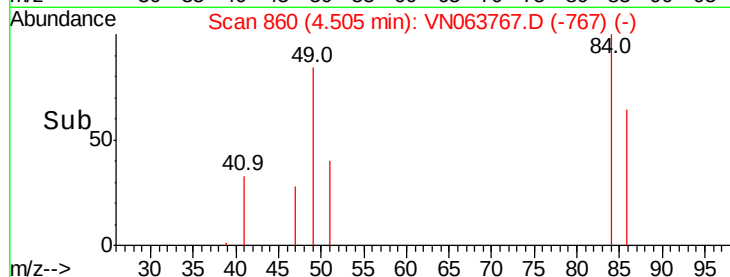
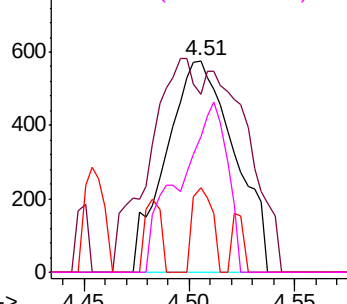


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 25.542 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN063767.D

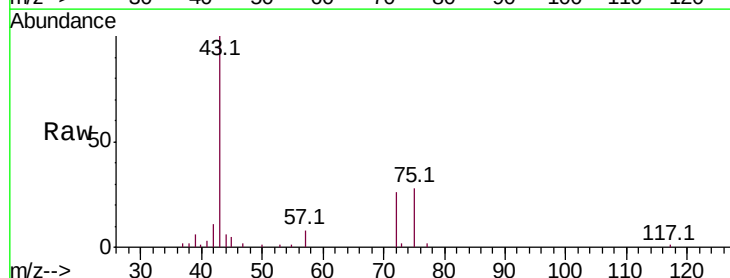
Acq: 1 Oct 2020 13:22

Tgt Ion: 43 Resp: 39321

Ion Ratio Lower Upper

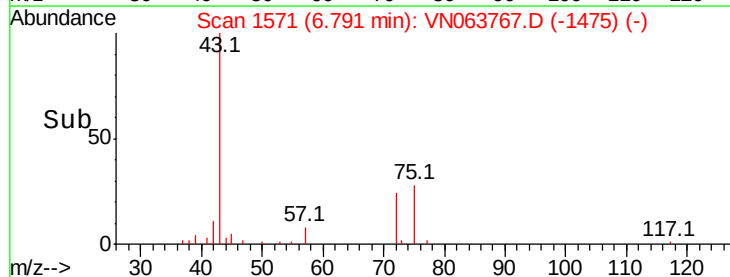
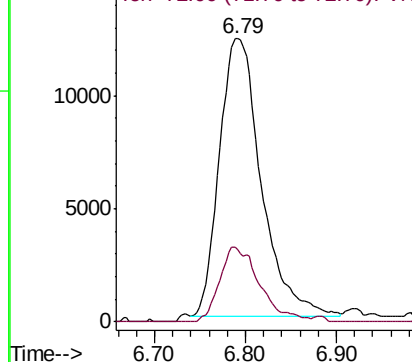
43 100

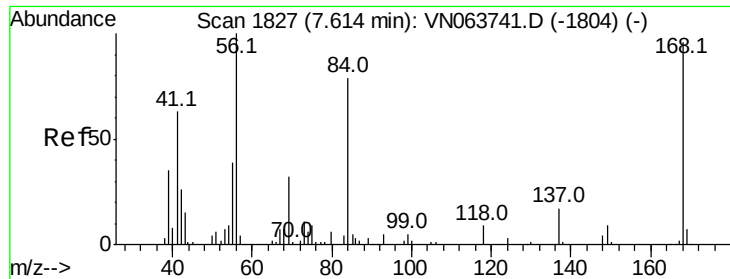
72 26.1 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

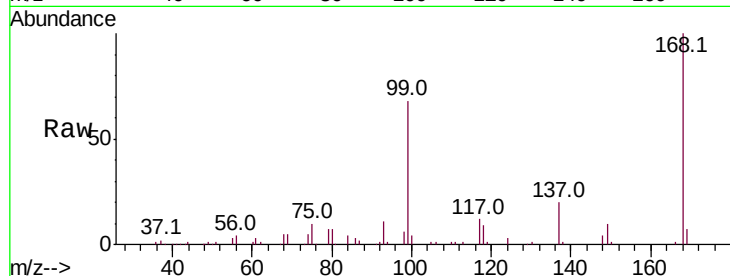




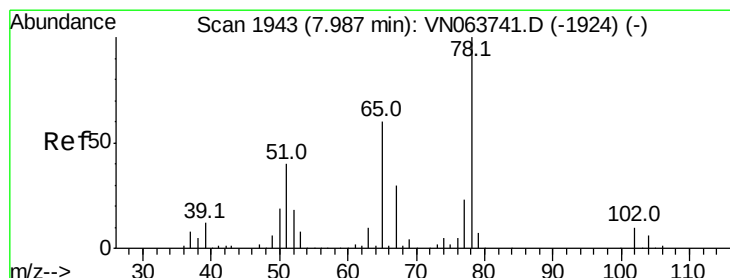
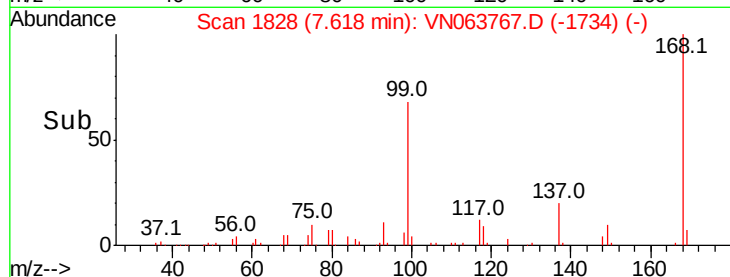
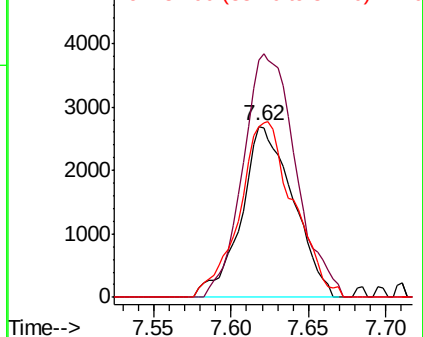
#31
Cyclohexane
Concen: 1.539 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleID :
40741DL

Tot Ion: 56 Resp: 6301
Ion Ratio Lower Upper
56 100
69 139.0 25.4 38.2#
84 100.0 63.3 94.9#

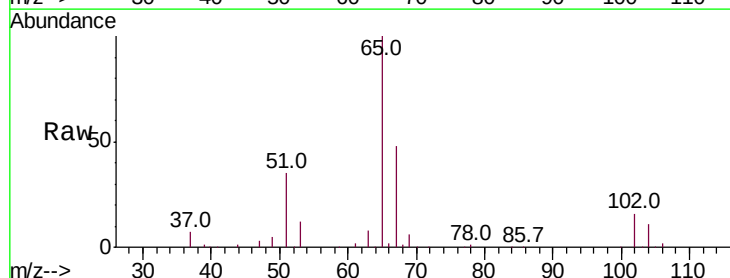


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

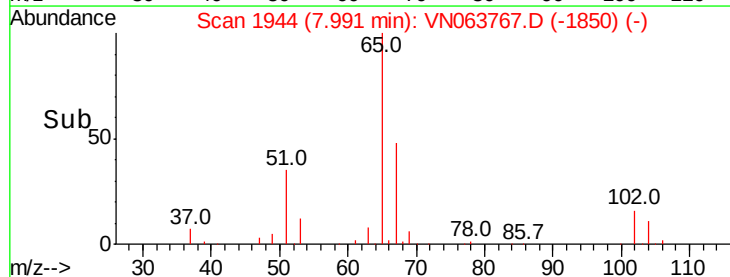
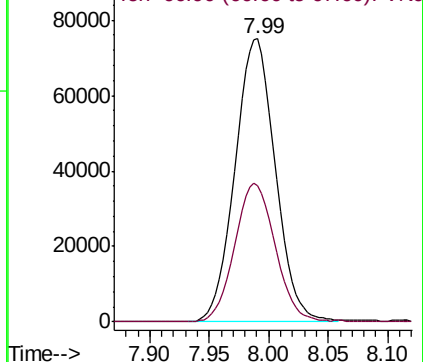


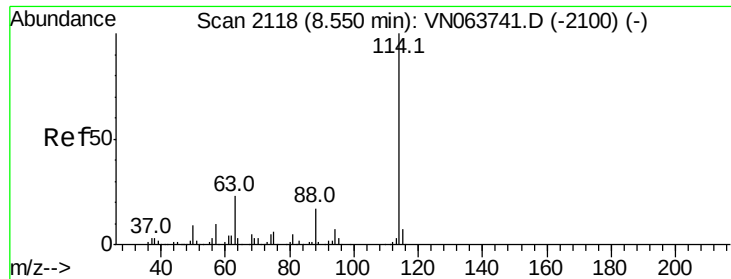
#33
1,2-Dichloroethane-d4
Concen: 50.055 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

Tgt Ion: 65 Resp: 176568
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

40741DL

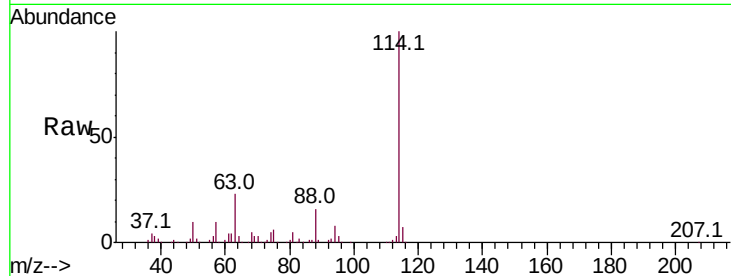
Tot Ion:114 Resp: 384852

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

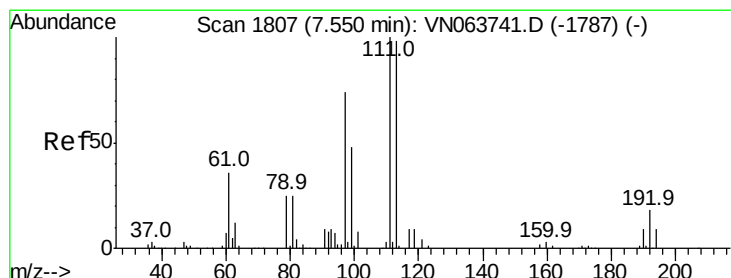
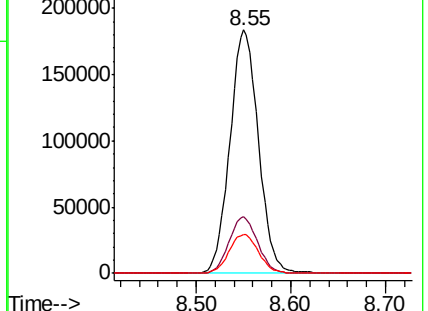
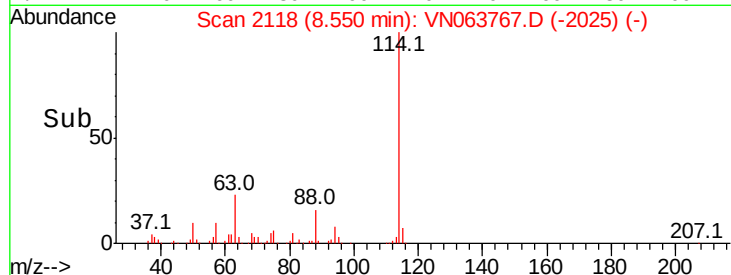
88 16.1 0.0 34.0



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: 47.868 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

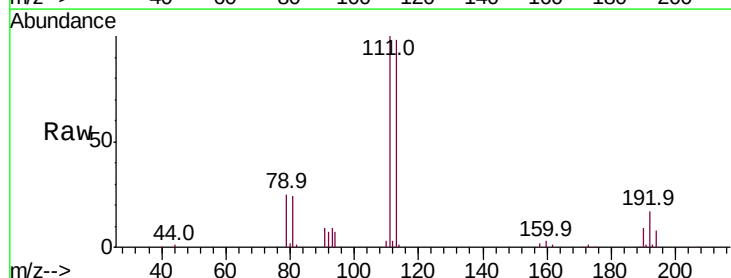
Tgt Ion:113 Resp: 127827

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

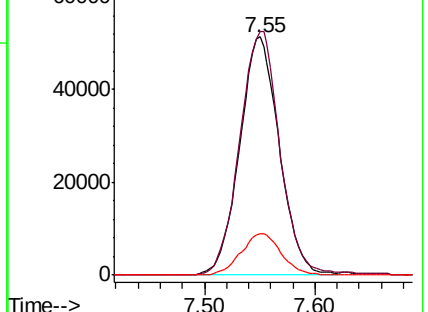
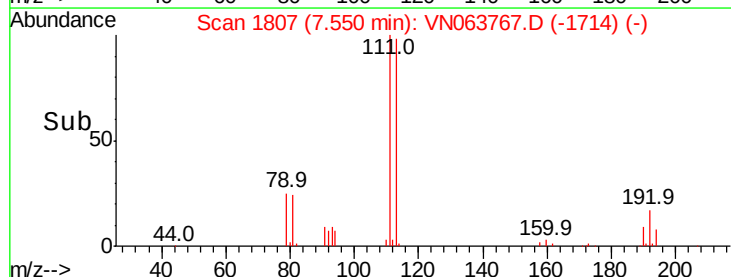
192 17.7 14.2 21.2

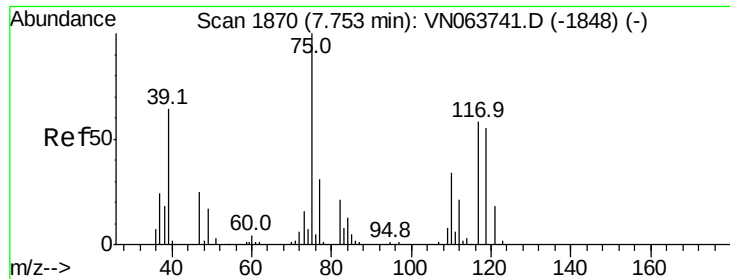


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.212 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.12 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

40741DL

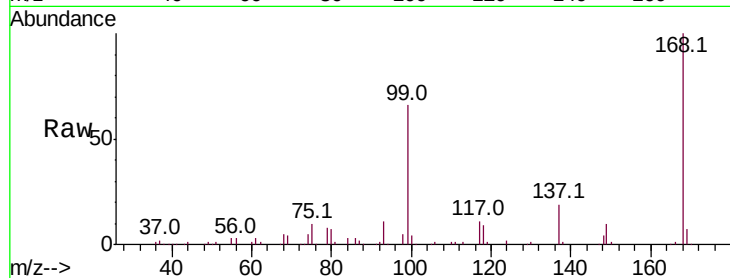
Tot Ion: 75 Resp: 20322

Ion Ratio Lower Upper

75 100

110 7.8 16.9 50.6#

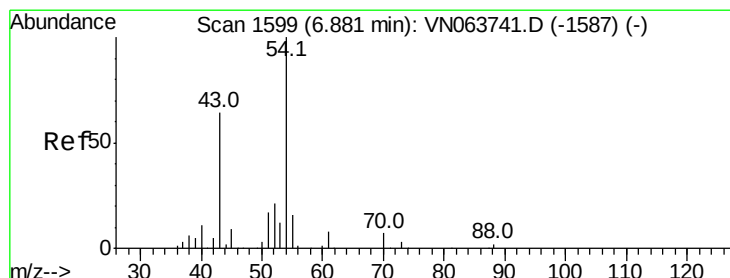
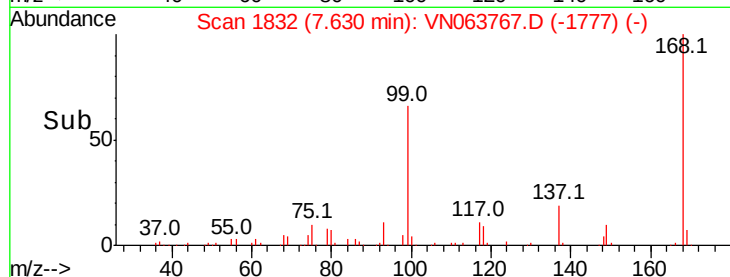
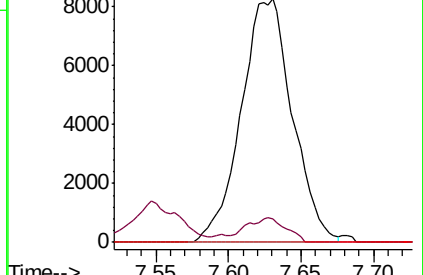
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 10.151 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. -0.09 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

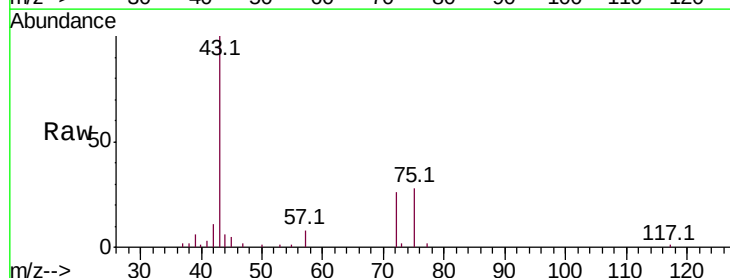
Tgt Ion: 43 Resp: 39321

Ion Ratio Lower Upper

43 100

61 0.9 10.4 15.6#

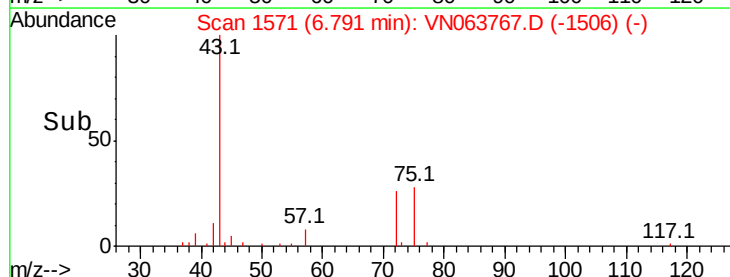
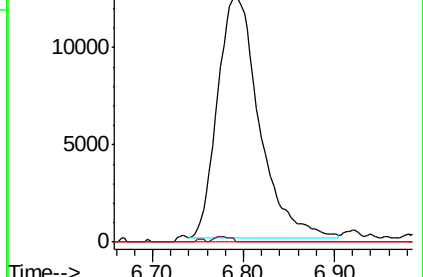
70 0.0 7.3 10.9#

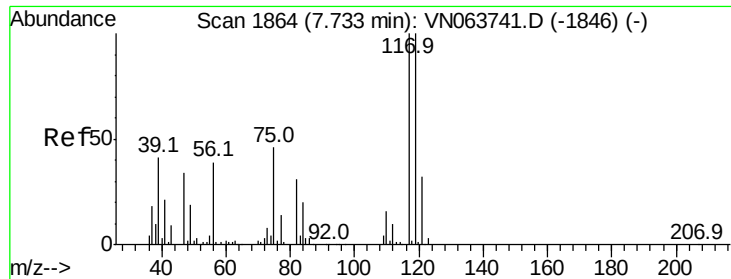


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 5.349 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampled :

40741DL

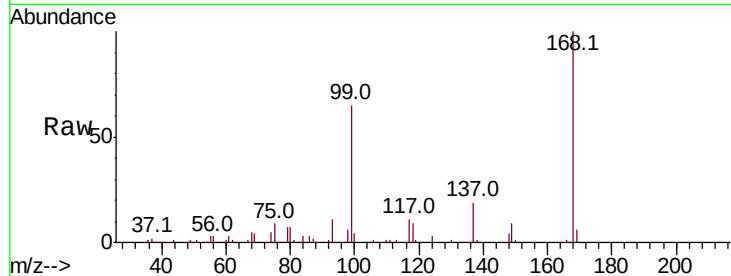
Tot Ion:117 Resp: 23388

Ion Ratio Lower Upper

117 100

119 5.8 80.1 120.1#

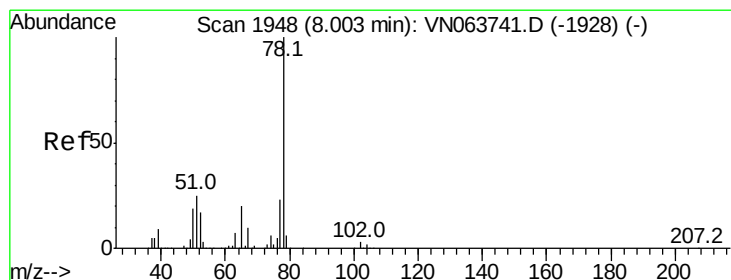
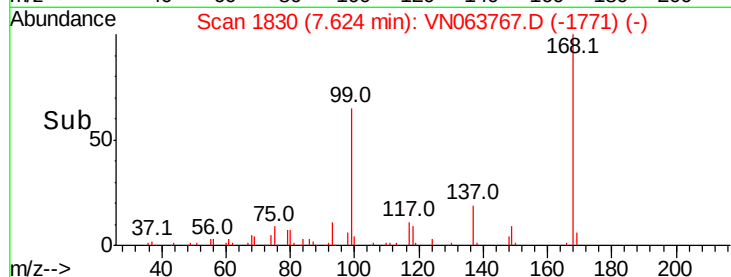
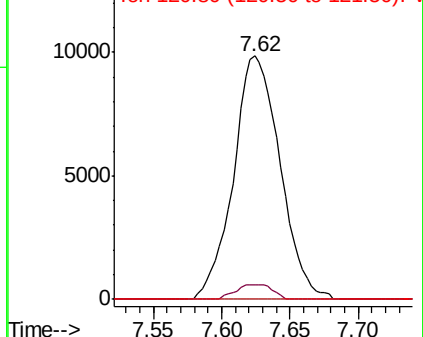
121 0.0 25.7 38.5#



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



#40

Benzene

Concen: 0.229 ug/l

RT: 8.01 min Scan# 1950

Delta R.T. 0.01 min

Lab File: VN063767.D

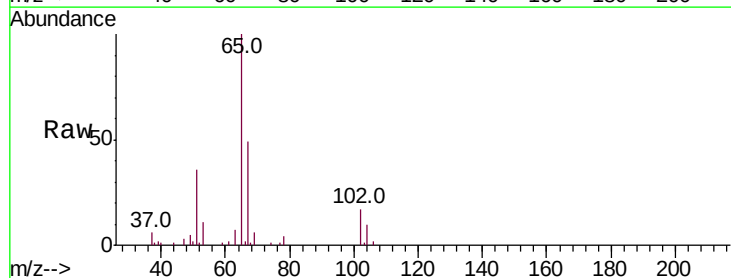
Acq: 1 Oct 2020 13:22

Tgt Ion: 78 Resp: 2547

Ion Ratio Lower Upper

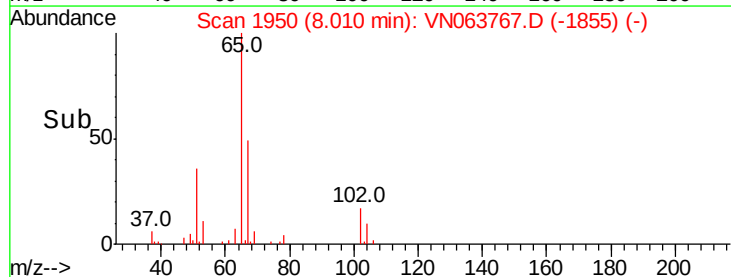
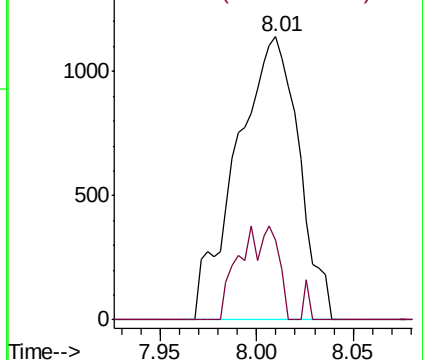
78 100

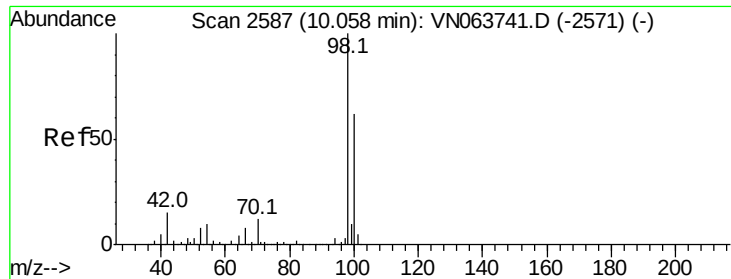
77 28.2 18.7 28.1#



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

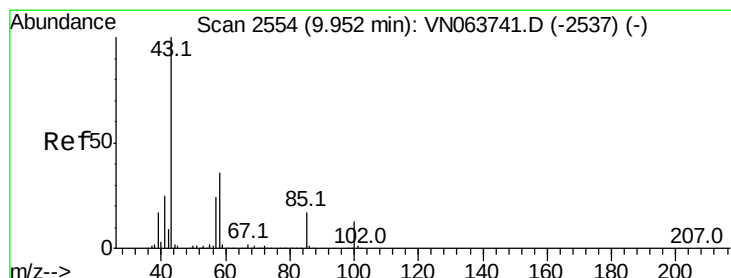
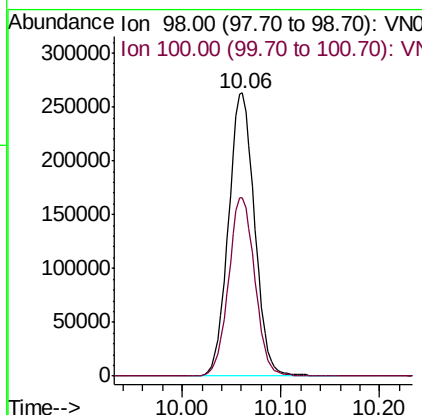
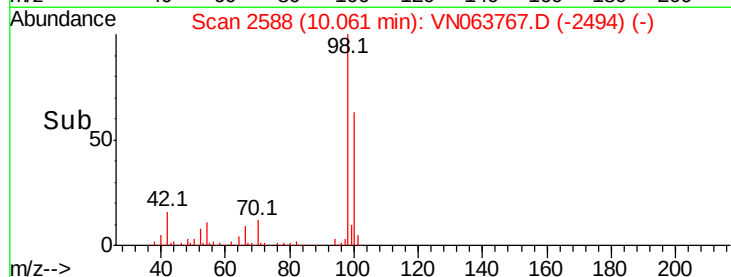
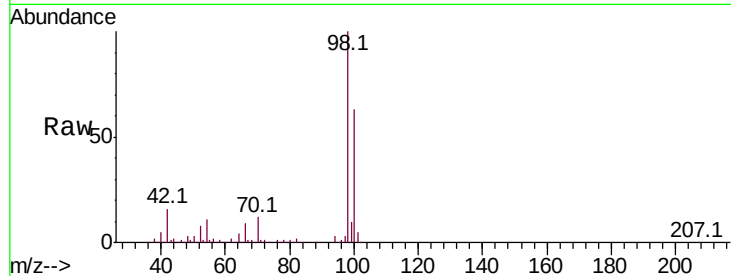




#50
Toluene-d8
Concen: 48.218 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

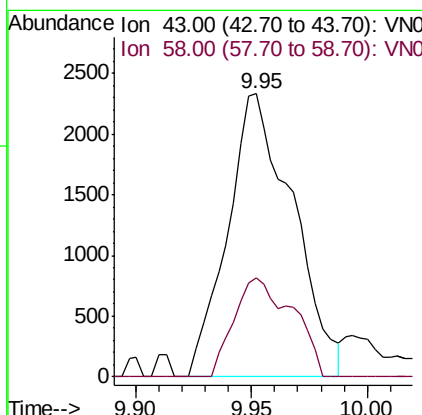
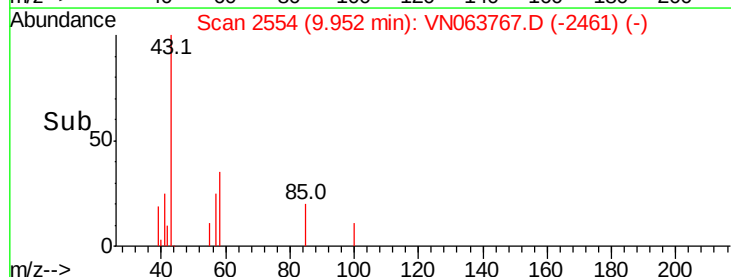
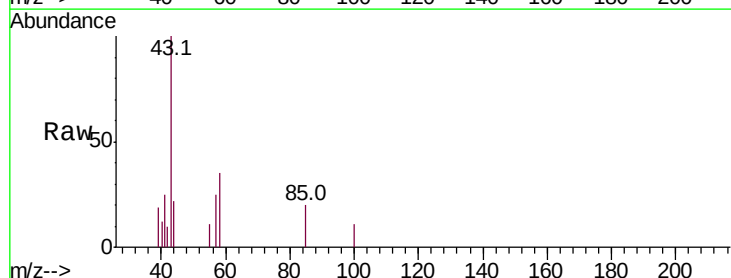
Instrument :
MSVOA_N
ClientSampled :
40741DL

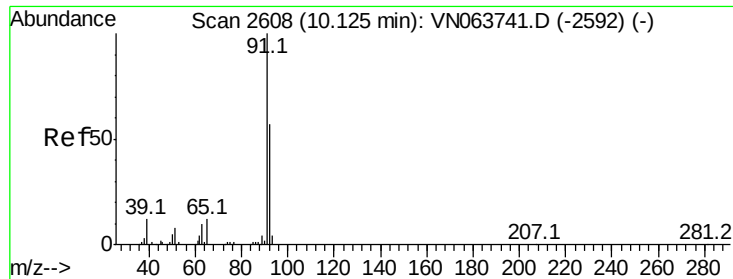
Tot Ion: 98 Resp: 488124
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.6



#51
4-Methyl-2-Pentanone
Concen: 1.216 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

Tgt Ion: 43 Resp: 4558
Ion Ratio Lower Upper
43 100
58 31.4 28.4 42.6





#52

Toluene

Concen: 2.687 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

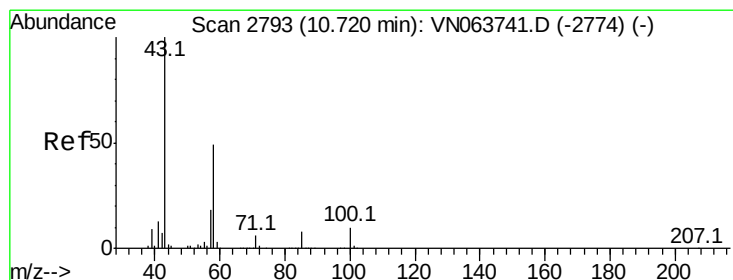
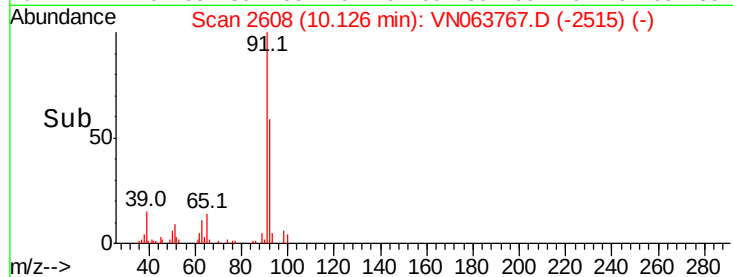
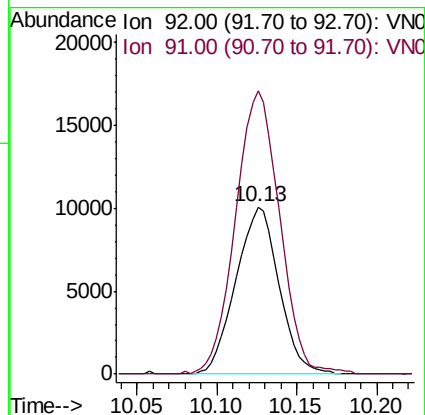
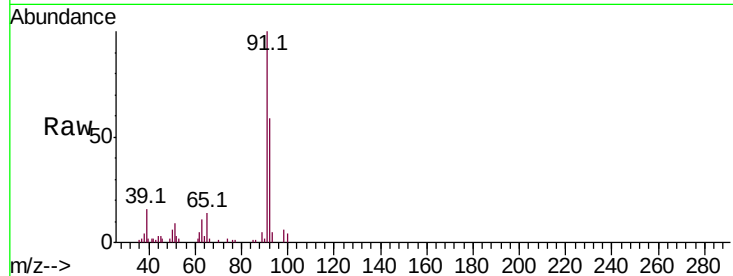
40741DL

Tot Ion: 92 Resp: 18506

Ion Ratio Lower Upper

92 100

91 174.3 140.6 210.8



#59

2-Hexanone

Concen: 0.925 ug/l

RT: 10.73 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN063767.D

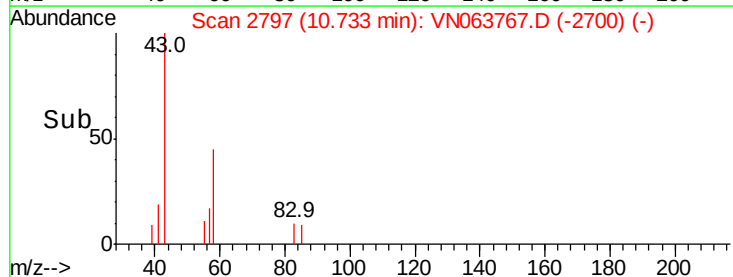
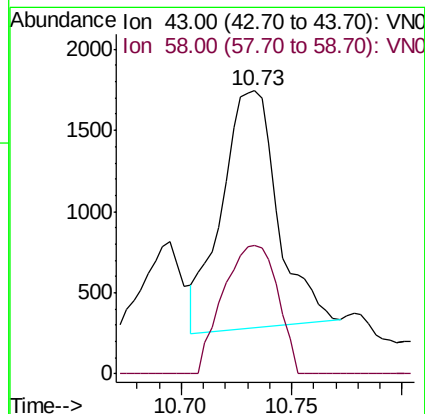
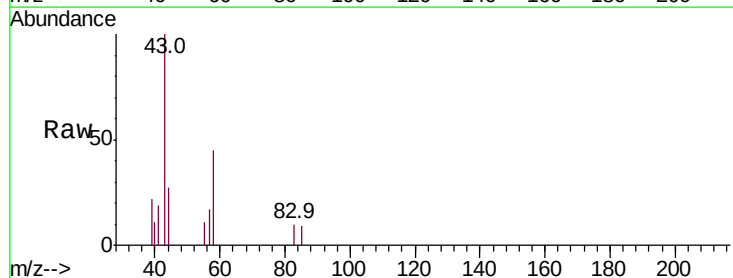
Acq: 1 Oct 2020 13:22

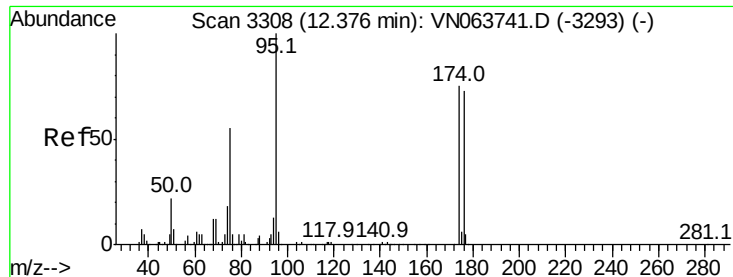
Tgt Ion: 43 Resp: 2577

Ion Ratio Lower Upper

43 100

58 52.8 24.6 73.8

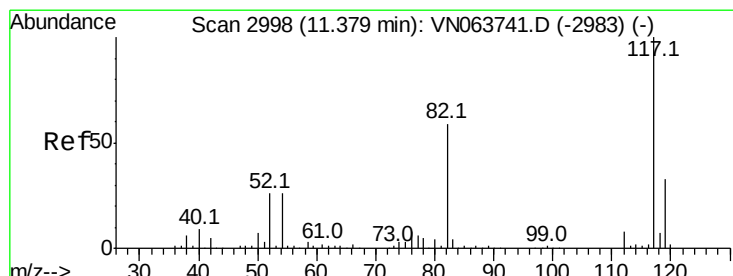
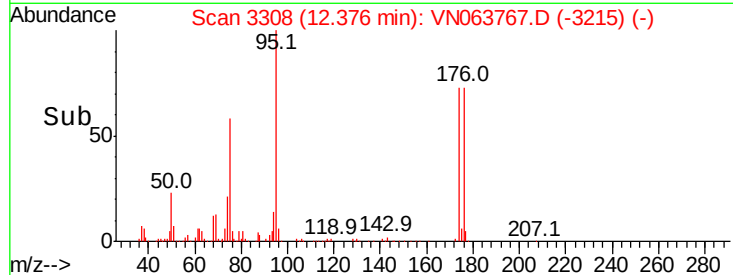
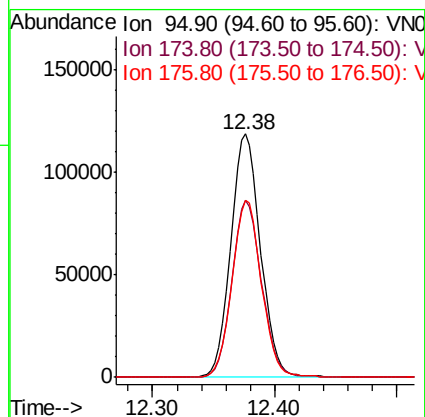
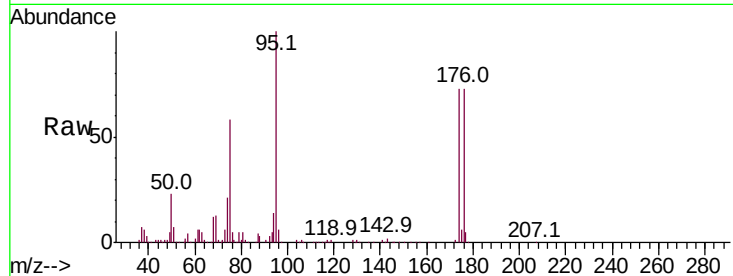




#62
4-Bromofluorobenzene
Concen: 52.946 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

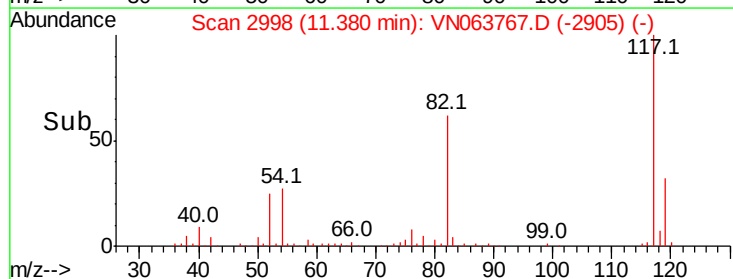
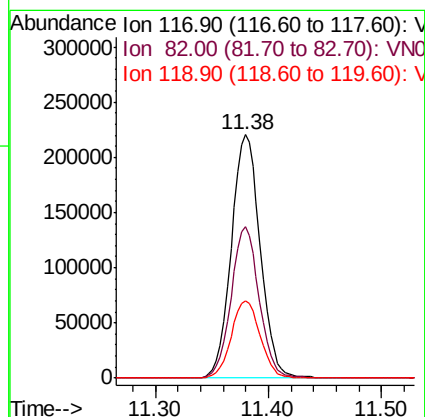
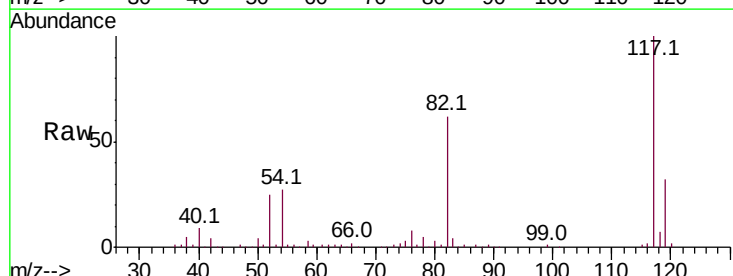
Instrument :
MSVOA_N
ClientSampleId :
40741DL

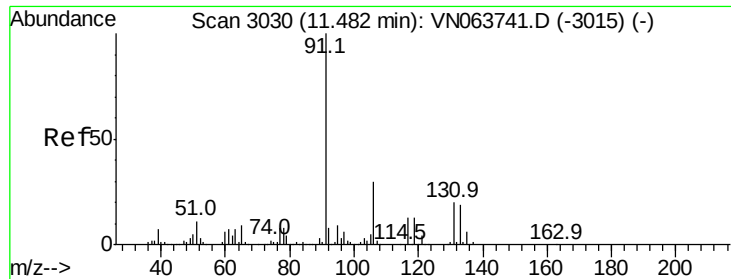
Tot Ion	95	Resp	201480
Ion Ratio	Lower	Upper	
95	100		
174	72.5	0.0	150.6
176	71.9	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

Tgt Ion	117	Resp	390879
Ion Ratio	Lower	Upper	
117	100		
82	62.0	47.4	71.2
119	31.6	26.4	39.6

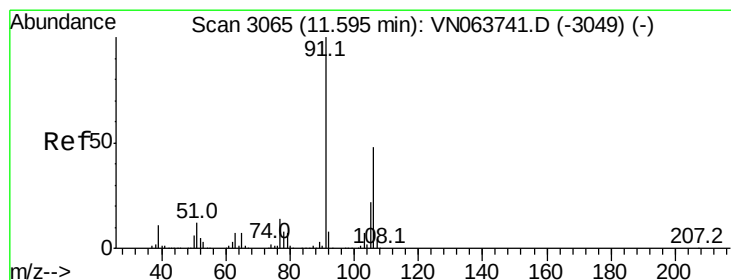
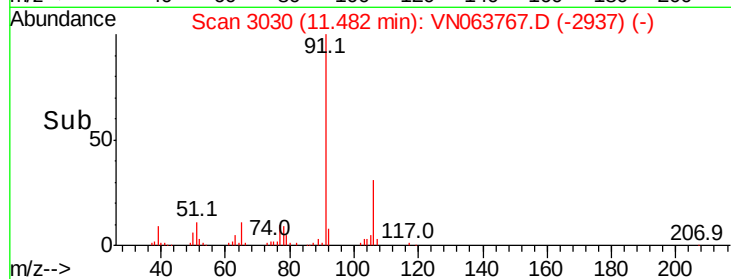
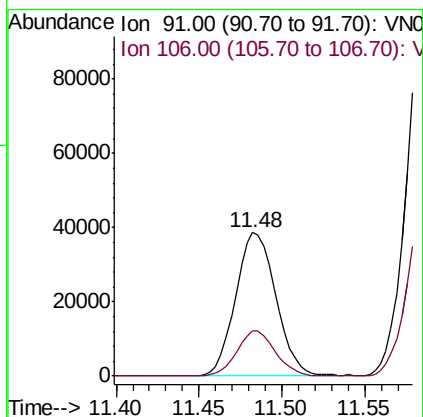
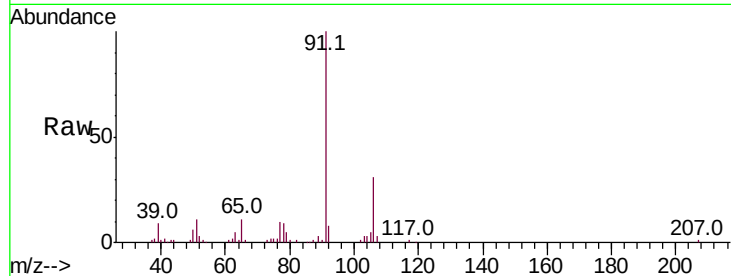




#67
Ethyl Benzene
Concen: 4.483 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

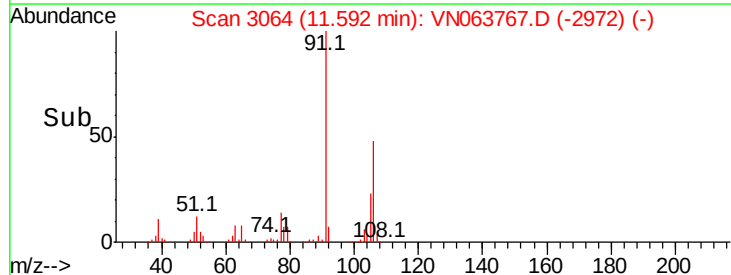
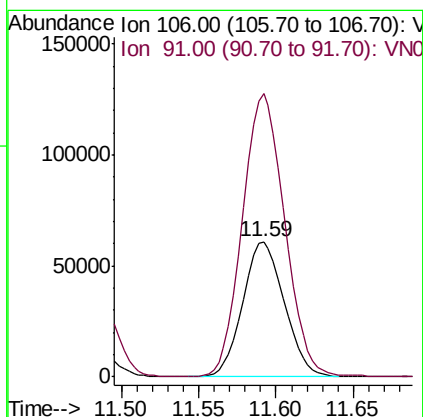
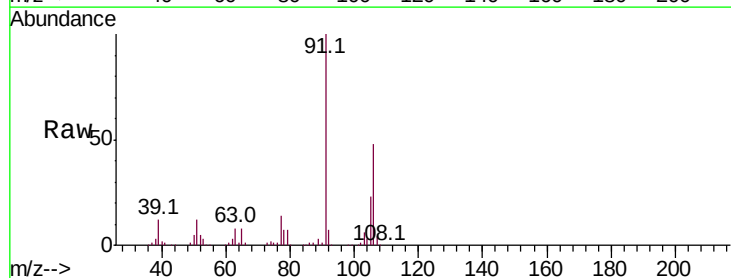
Instrument :
MSVOA_N
ClientSampleId :
40741DL

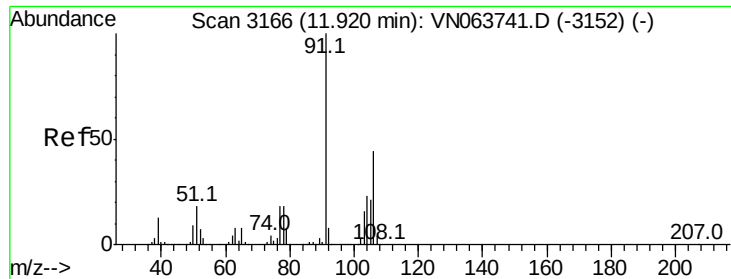
Tot Ion: 91 Resp: 65403
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.2



#68
m/p-Xylenes
Concen: 20.974 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

Tgt Ion: 106 Resp: 114051
Ion Ratio Lower Upper
106 100
91 211.7 168.0 252.0

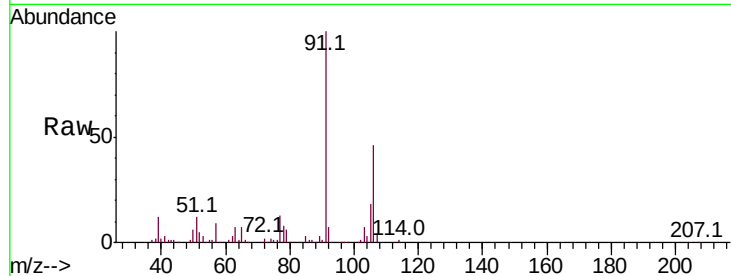




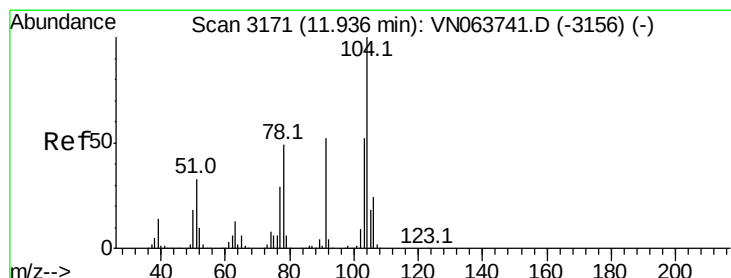
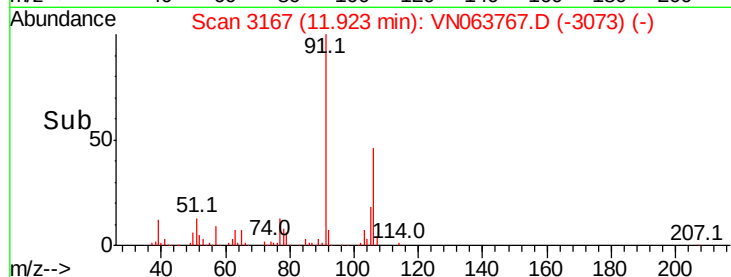
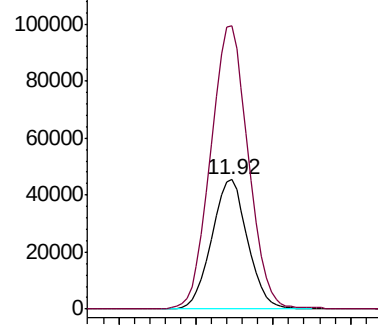
#69
o-Xylene
Concen: 14.479 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampled :
40741DL

Tot Ion:106 Resp: 73587
Ion Ratio Lower Upper
106 100
91 228.7 112.7 338.0

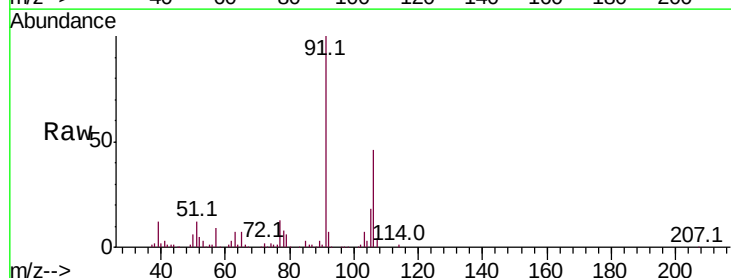


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

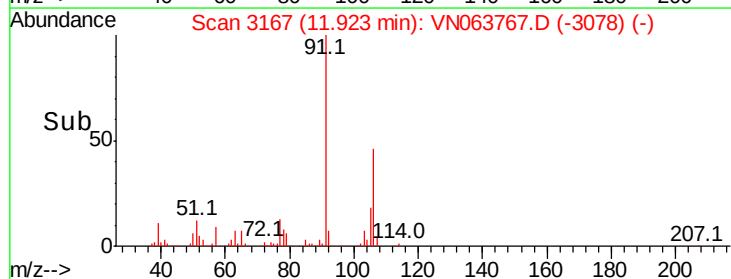
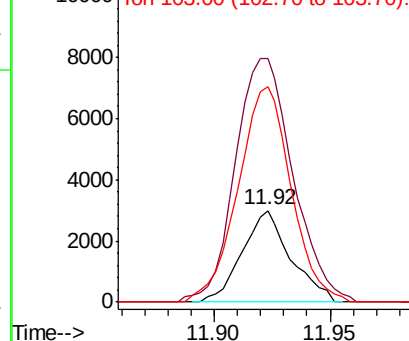


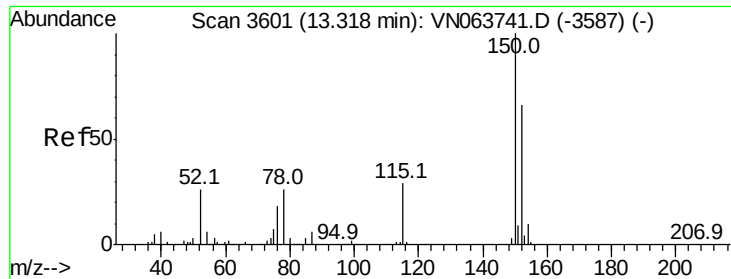
#70
Styrene
Concen: 0.504 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.01 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

Tgt Ion:104 Resp: 4350
Ion Ratio Lower Upper
104 100
78 316.7 44.1 66.1#
103 257.5 44.3 66.5#



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

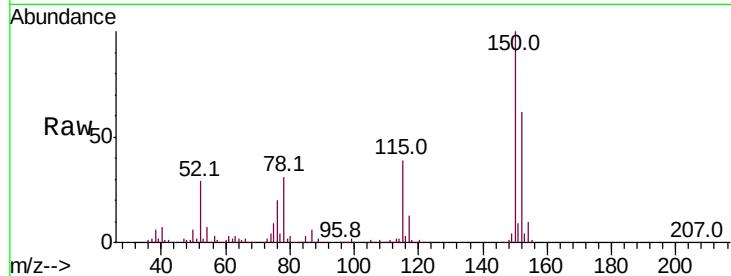




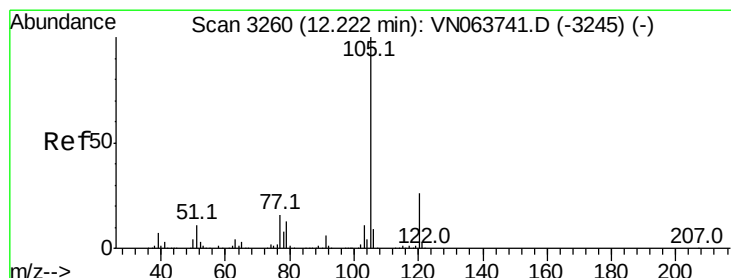
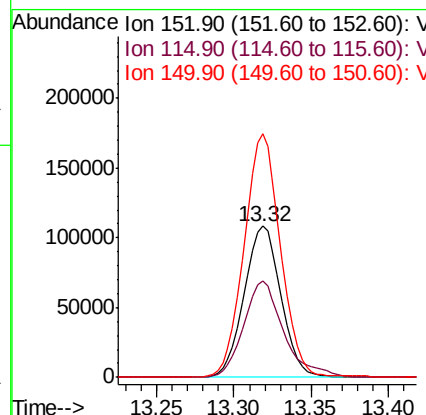
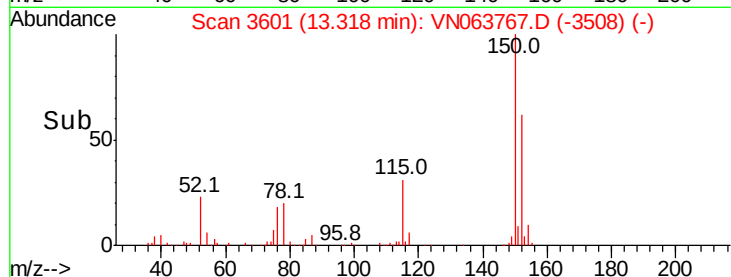
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VN063767.D
 Acq: 1 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 40741DL

Tot Ion:152 Resp: 178938
 Ion Ratio Lower Upper
 152 100
 115 68.5 31.3 93.8
 150 159.3 0.0 341.8

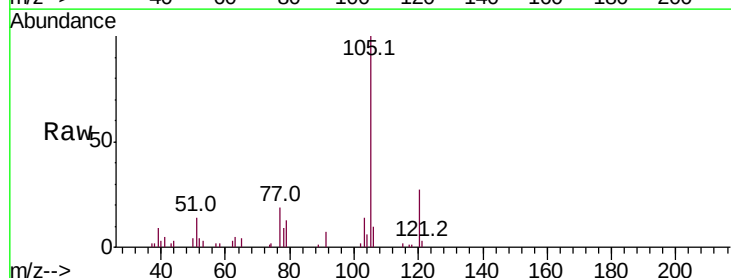


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

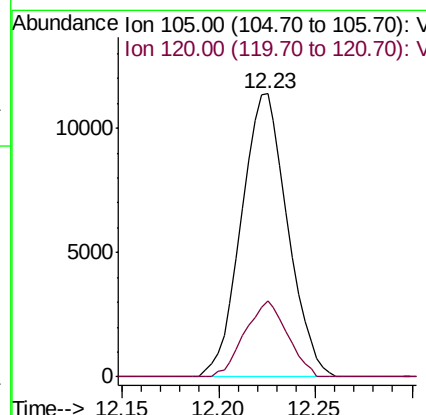
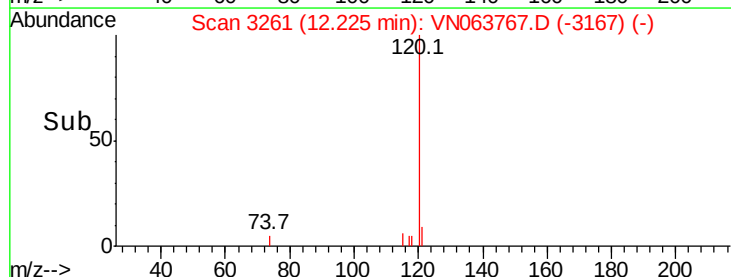


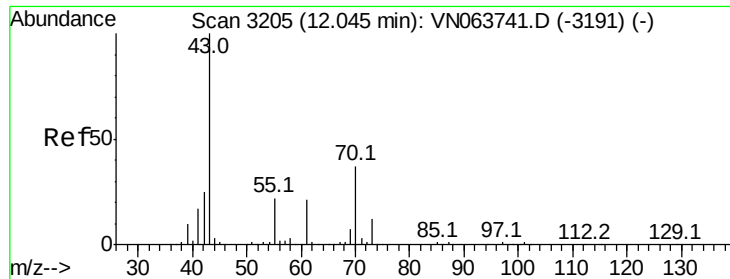
#73
 Isopropylbenzene
 Concen: 1.450 ug/l
 RT: 12.23 min Scan# 3261
 Delta R.T. 0.00 min
 Lab File: VN063767.D
 Acq: 1 Oct 2020 13:22

Tgt Ion:105 Resp: 18928
 Ion Ratio Lower Upper
 105 100
 120 24.6 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-amyl acetate

Concen: 3.164 ug/l

RT: 12.01 min Scan# 3193

Delta R.T. -0.04 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampled :

40741DL

Tot Ion: 43 Resp: 6015

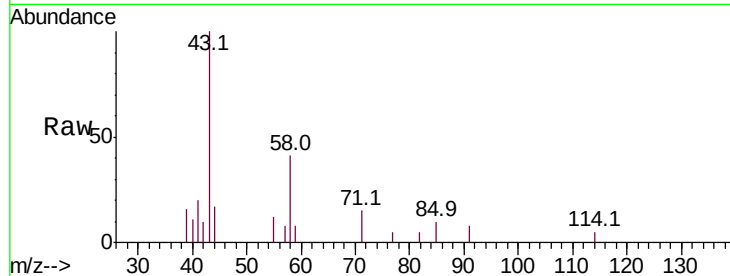
Ion Ratio Lower Upper

43 100

70 0.5 29.8 44.8#

55 5.8 17.9 26.9#

61 0.0 17.0 25.4#

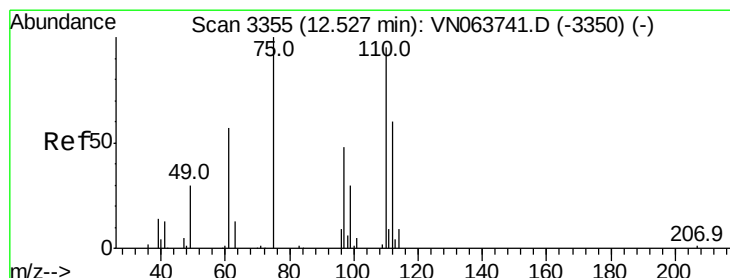
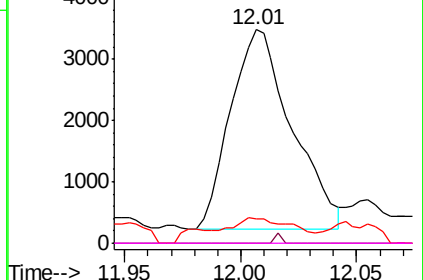
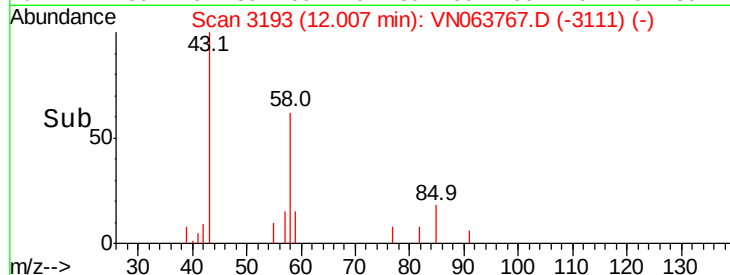


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 1.212 ug/l

RT: 12.64 min Scan# 3389

Delta R.T. 0.11 min

Lab File: VN063767.D

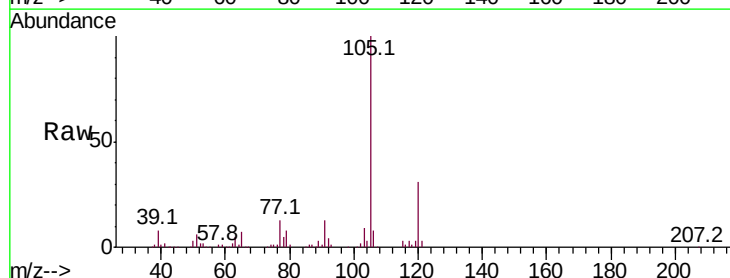
Acq: 1 Oct 2020 13:22

Tgt Ion: 75 Resp: 4779

Ion Ratio Lower Upper

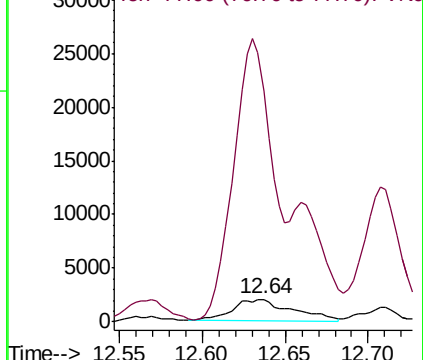
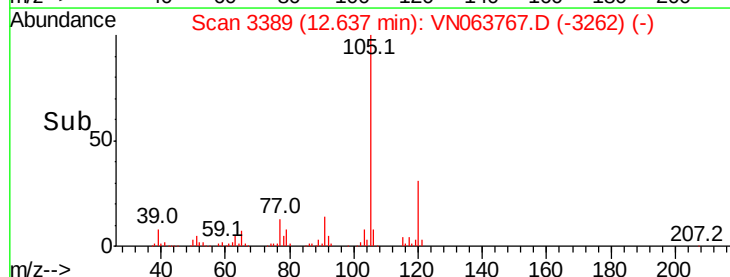
75 100

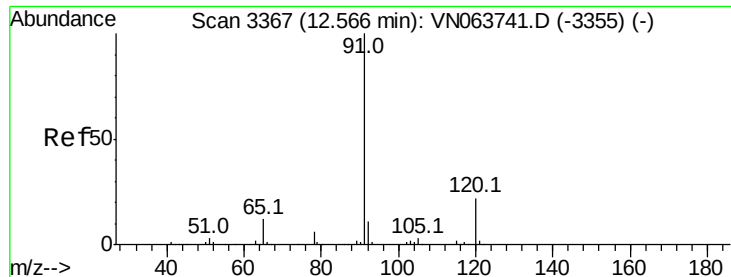
77 873.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 5.651 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampled :

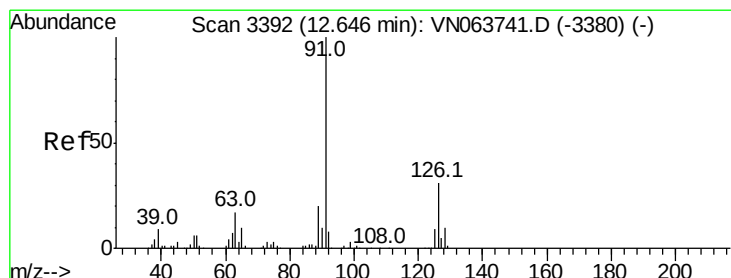
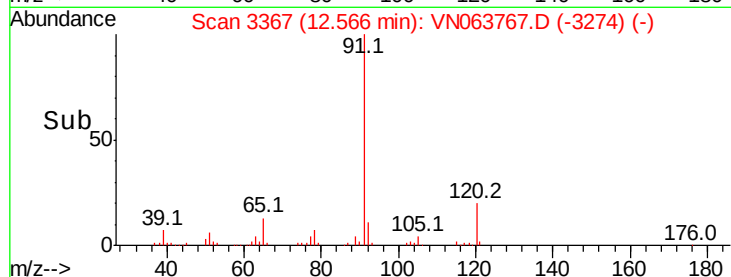
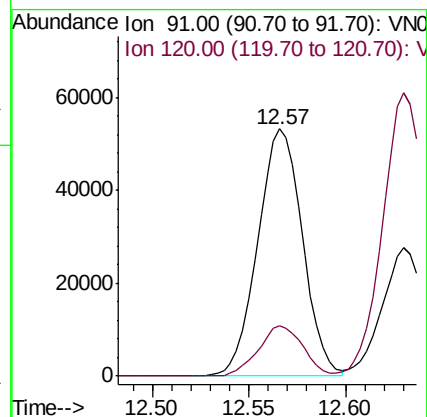
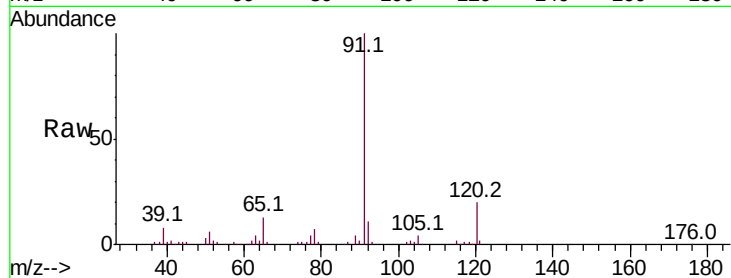
40741DL

Tot Ion: 91 Resp: 85830

Ion Ratio Lower Upper

91 100

120 20.6 11.1 33.1



#79

2-Chlorotoluene

Concen: 4.312 ug/l

RT: 12.63 min Scan# 3387

Delta R.T. -0.02 min

Lab File: VN063767.D

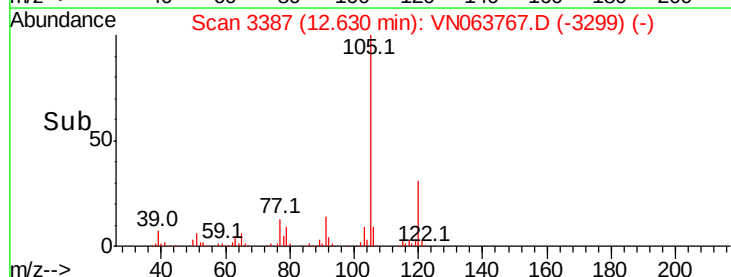
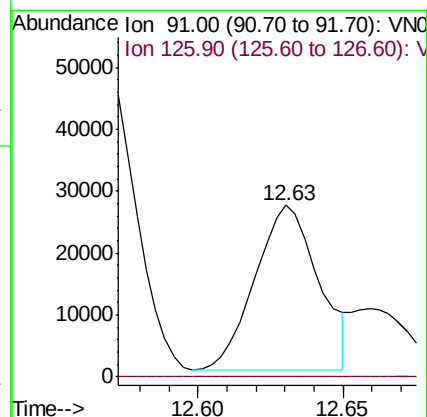
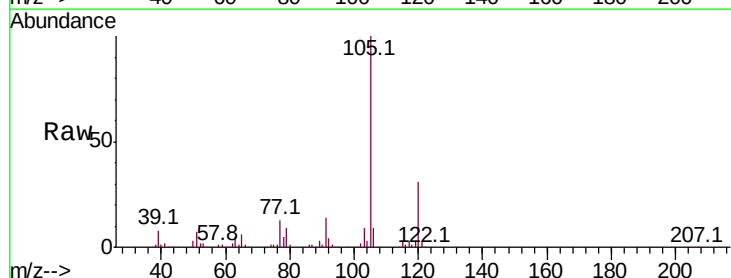
Acq: 1 Oct 2020 13:22

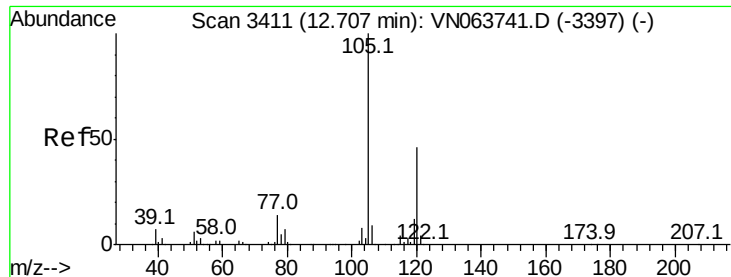
Tgt Ion: 91 Resp: 40279

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#

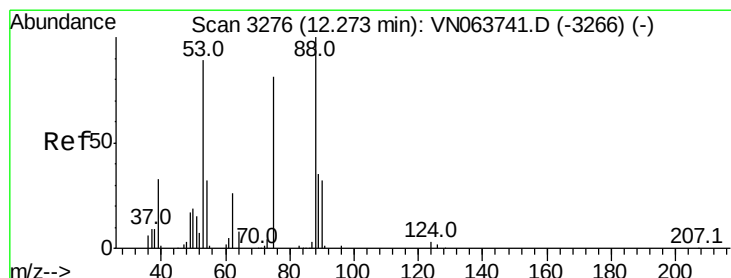
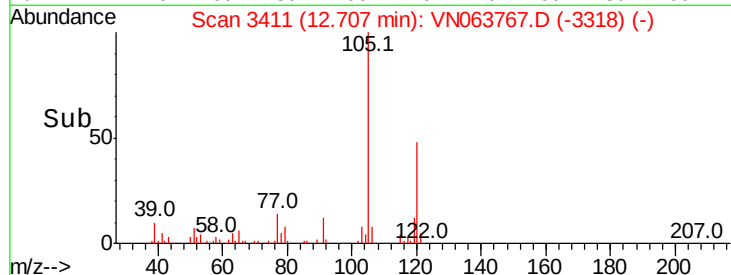
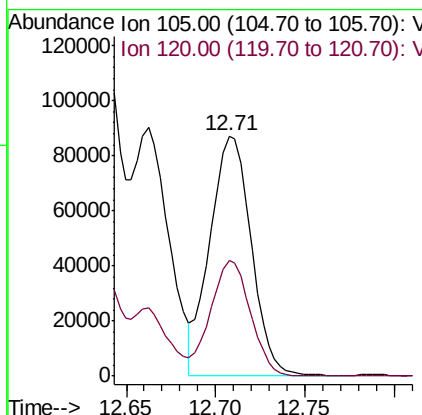
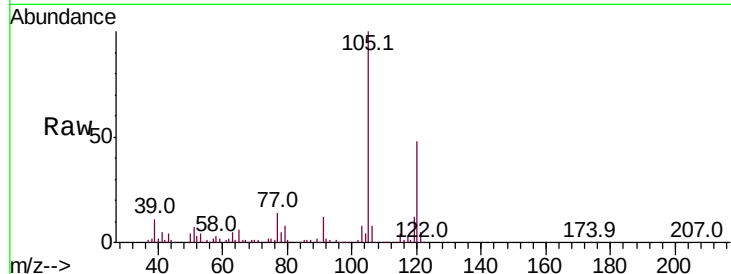




#80
 1,3,5-Trimethylbenzene
 Concen: 12.684 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063767.D
 Acq: 1 Oct 2020 13:22

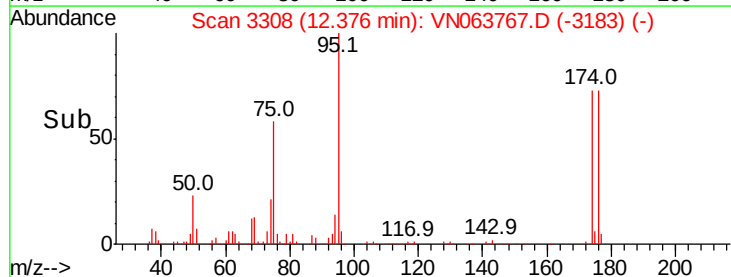
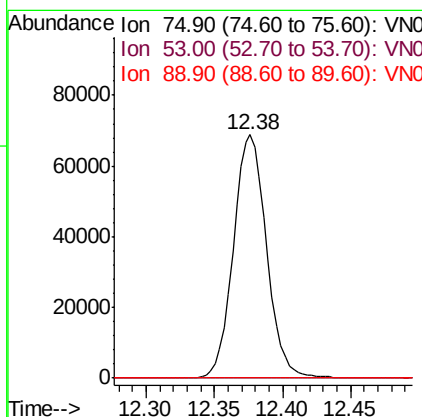
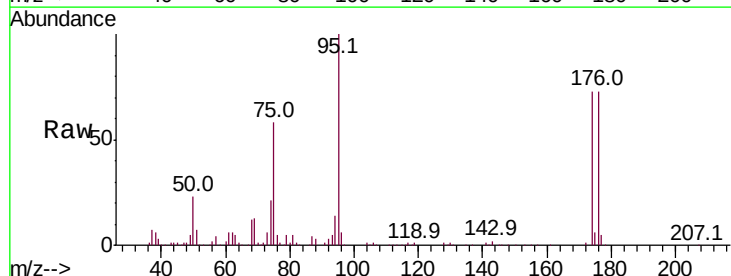
Instrument :
 MSVOA_N
 ClientSampled :
 40741DL

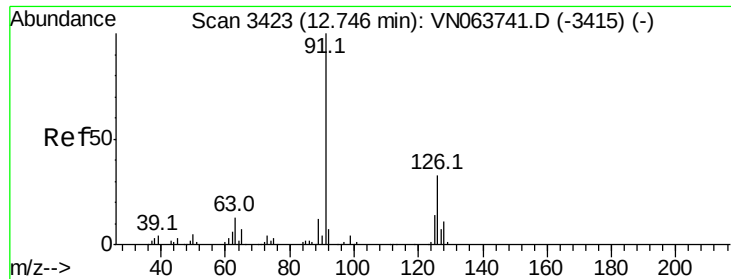
Tot Ion:105 Resp: 138887
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.536 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063767.D
 Acq: 1 Oct 2020 13:22

Tgt Ion: 75 Resp: 115776
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.2 132.2#
 89 0.0 36.0 54.0#

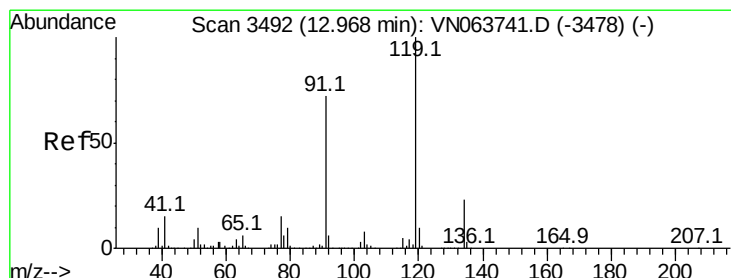
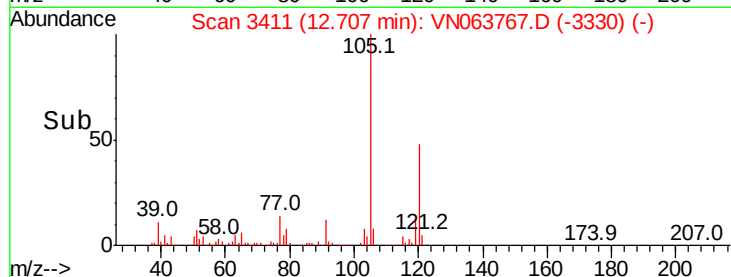
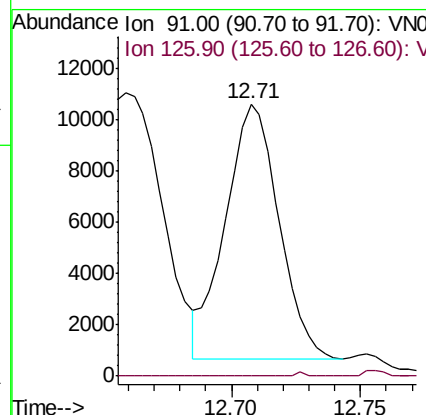
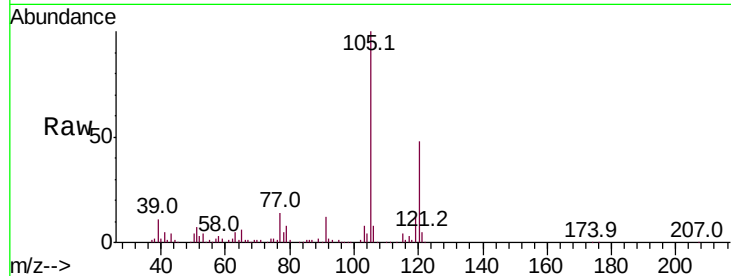




#82
4-Chlorotoluene
Concen: 1.480 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.04 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

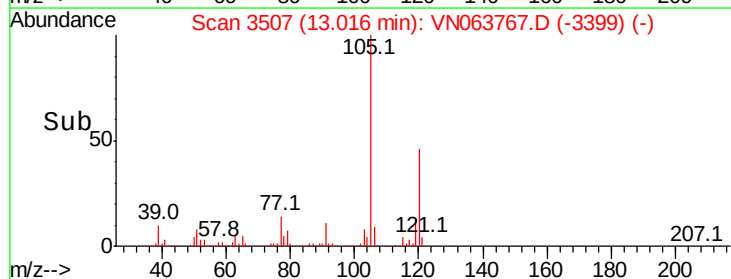
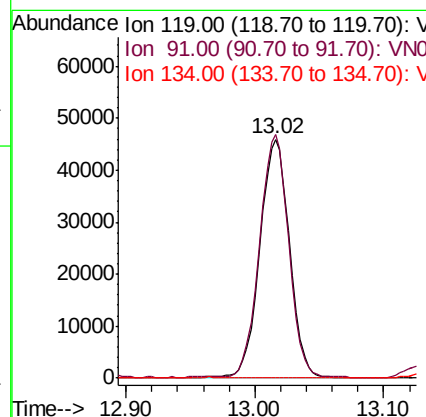
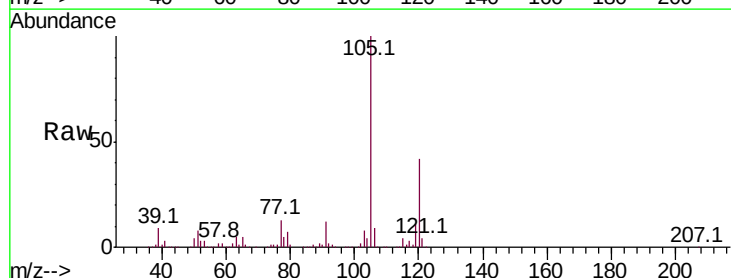
Instrument :
MSVOA_N
ClientSampled :
40741DL

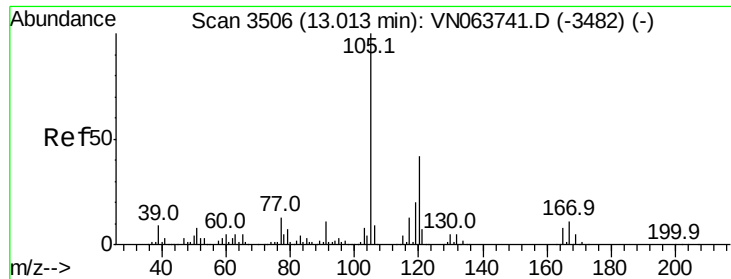
Tot Ion: 91 Resp: 14350
Ion Ratio Lower Upper
91 100
126 0.2 15.4 46.2#



#83
tert-Butylbenzene
Concen: 8.251 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.05 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

Tgt Ion: 119 Resp: 73897
Ion Ratio Lower Upper
119 100
91 100.8 35.5 106.5
134 0.0 11.7 35.1#

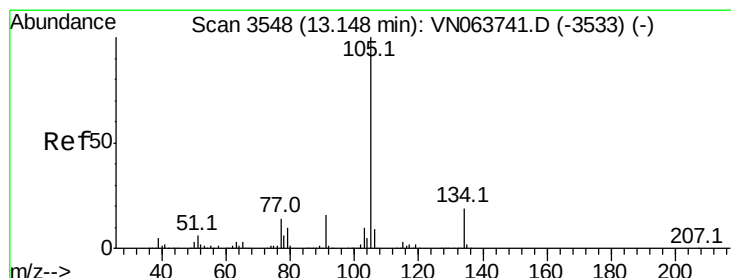
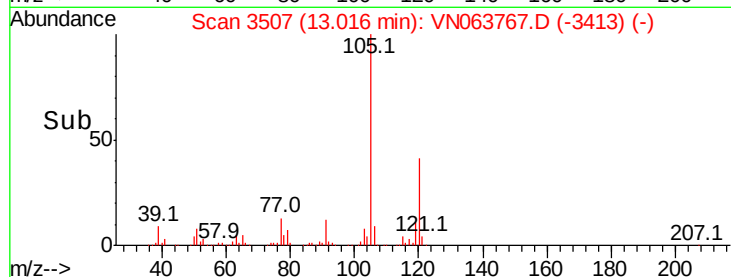
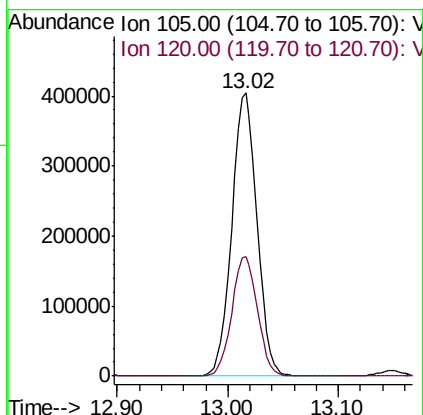
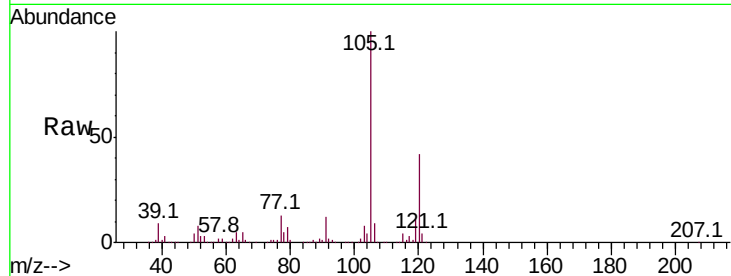




#84
 1,2,4-Trimethylbenzene
 Concen: 58.536 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063767.D
 Acq: 1 Oct 2020 13:22

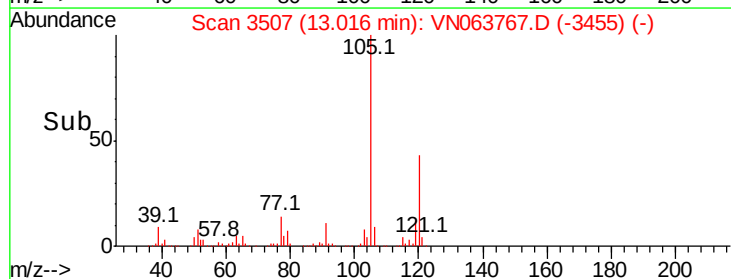
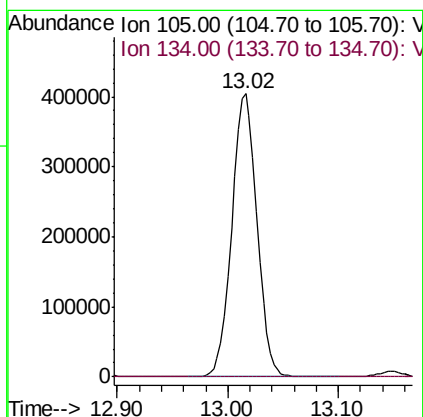
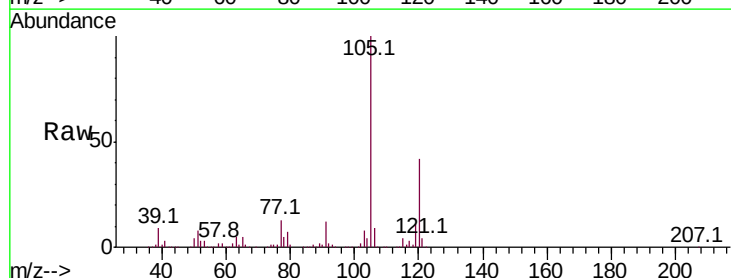
Instrument :
 MSVOA_N
 ClientSampleId :
 40741DL

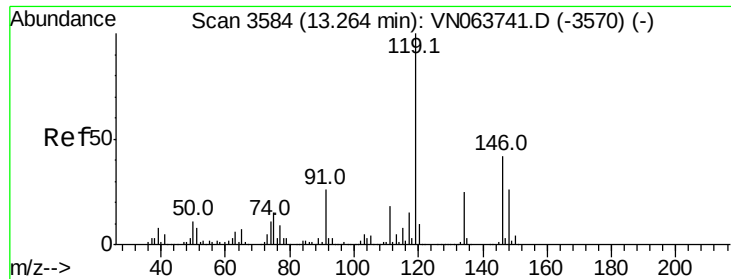
Tot Ion:105 Resp: 639928
 Ion Ratio Lower Upper
 105 100
 120 42.8 20.9 62.7



#85
 sec-Butylbenzene
 Concen: 54.398 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.13 min
 Lab File: VN063767.D
 Acq: 1 Oct 2020 13:22

Tgt Ion:105 Resp: 639928
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.5 28.5#

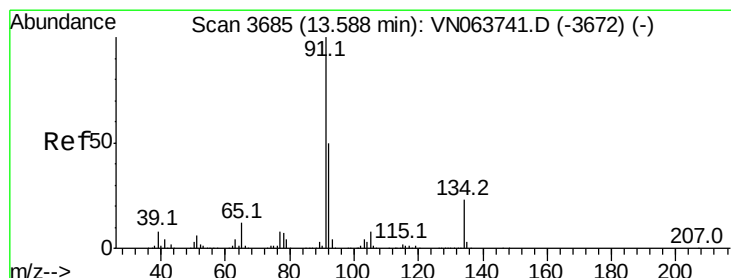
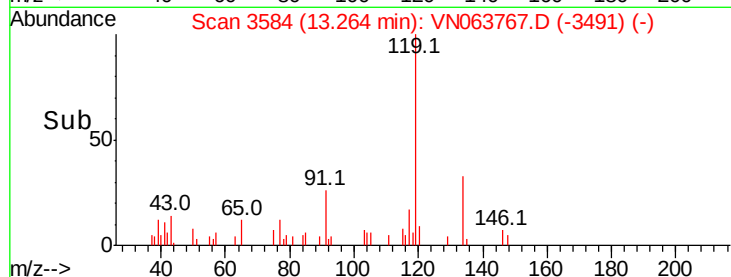
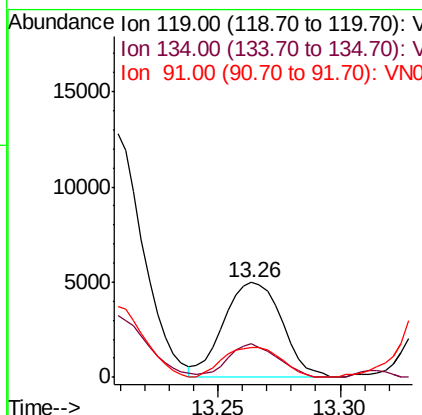
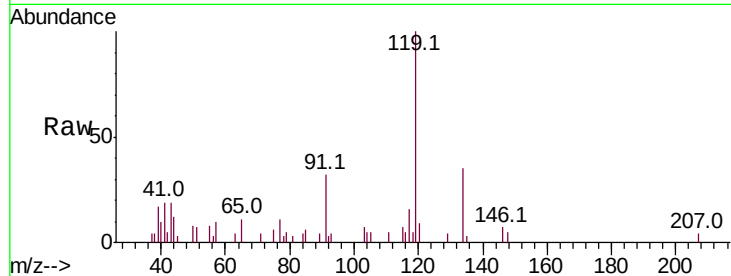




#86
 p-Isopropyltoluene
 Concen: 0.797 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063767.D
 Acq: 1 Oct 2020 13:22

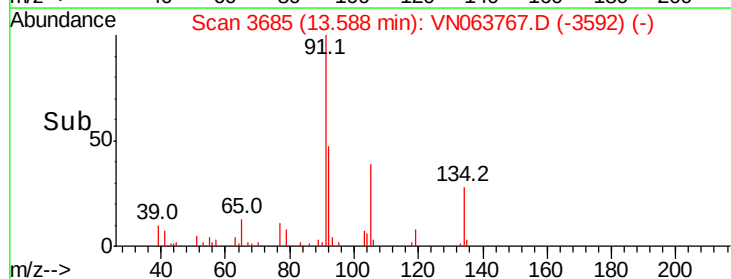
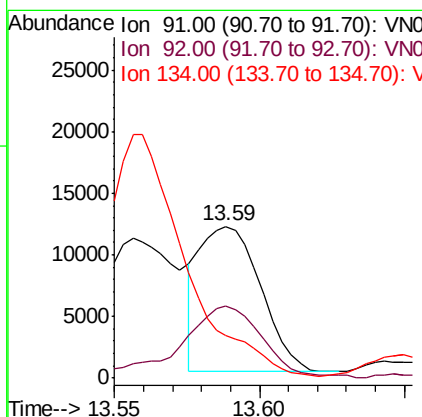
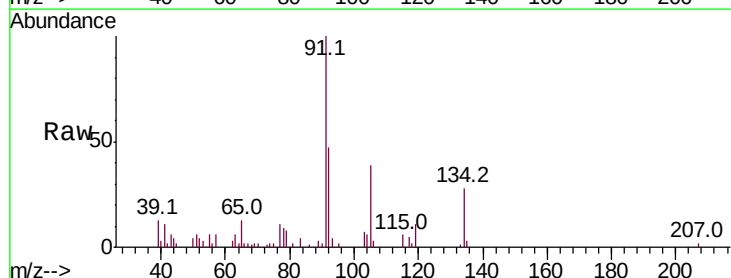
Instrument :
 MSVOA_N
 ClientSampleId :
 40741DL

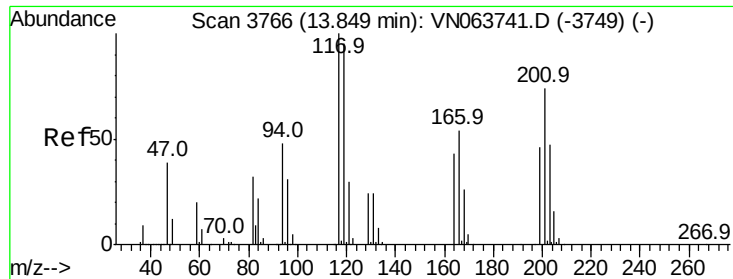
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.9	12.6	37.8
91	31.2	13.4	40.2



#89
 n-Butylbenzene
 Concen: 1.791 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN063767.D
 Acq: 1 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	65.6	25.4	76.4
134	0.0	11.7	35.1#

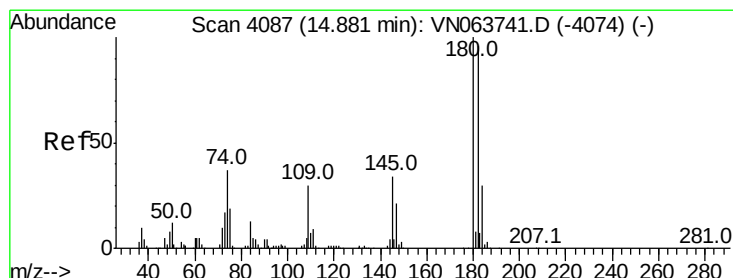
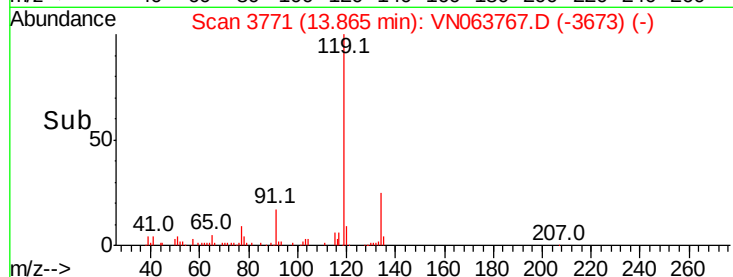
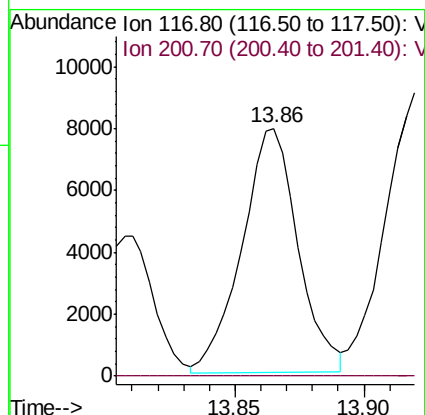
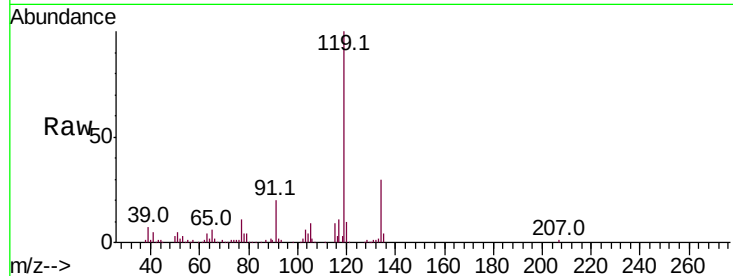




#90
Hexachloroethane
Concen: 5.918 ug/l
RT: 13.86 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

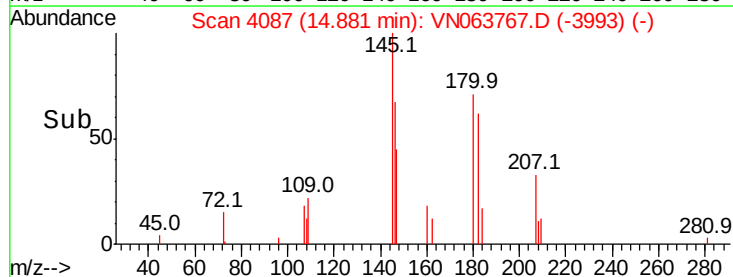
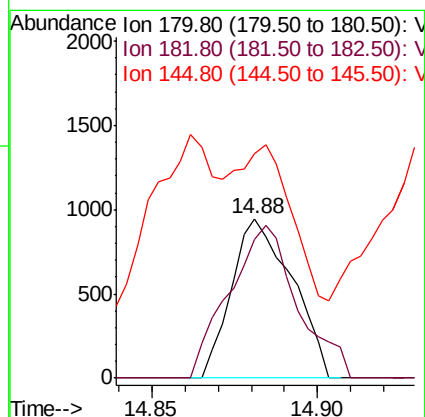
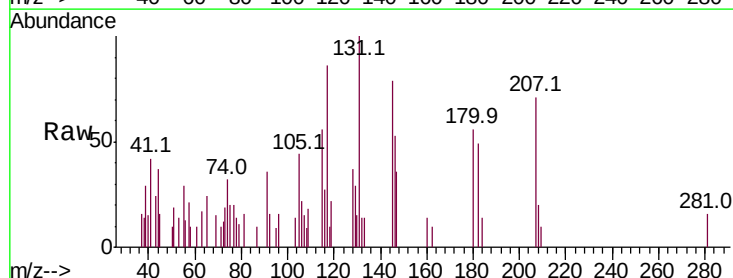
Instrument :
MSVOA_N
ClientSampled :
40741DL

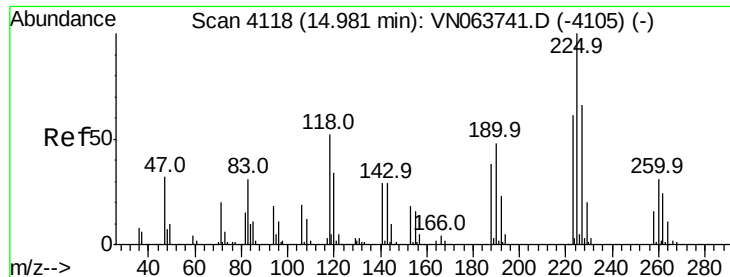
Tot Ion:117 Resp: 11934
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.0#



#93
1,2,4-Trichlorobenzene
Concen: 2.108 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN063767.D
Acq: 1 Oct 2020 13:22

Tgt Ion:180 Resp: 1202
Ion Ratio Lower Upper
180 100
182 108.2 48.2 144.6
145 0.0 17.1 51.2#





#94

Hexachlorobutadiene

Concen: 0.587 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

40741DL

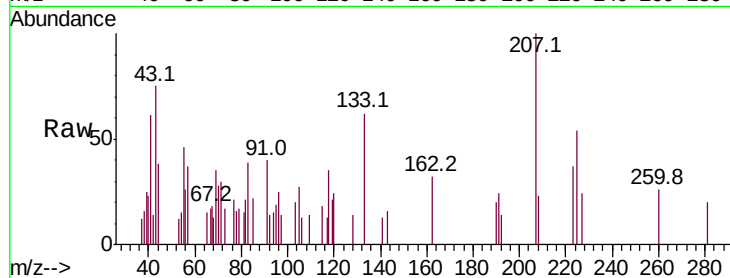
Tot Ion:225 Resp: 810

Ion Ratio Lower Upper

225 100

223 54.1 30.3 91.0

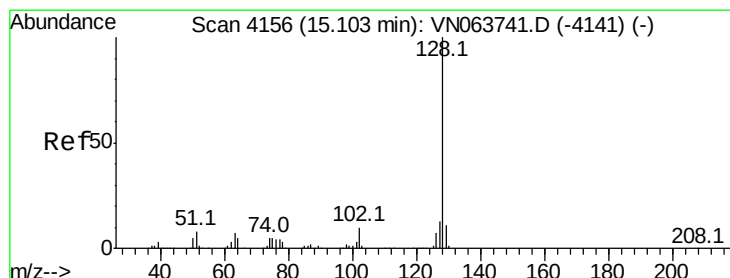
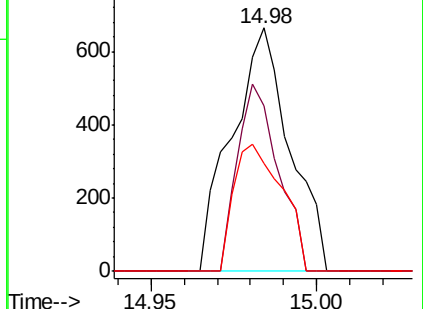
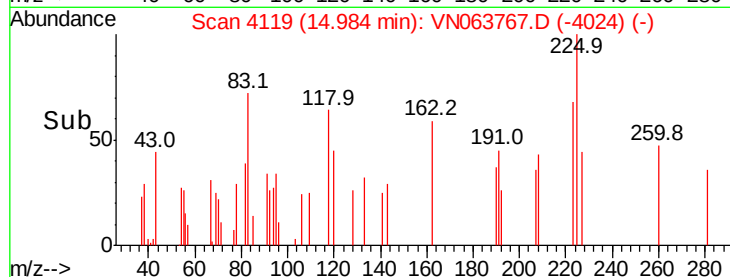
227 43.3 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 28.450 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063767.D

Acq: 1 Oct 2020 13:22

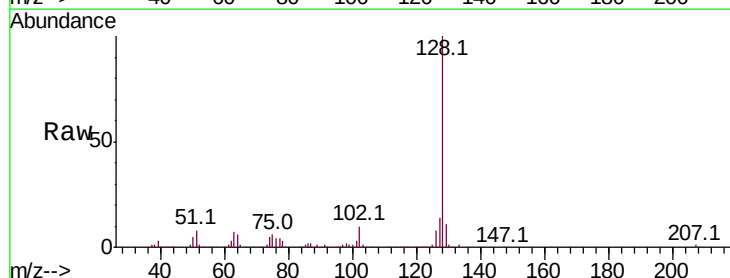
Tgt Ion:128 Resp: 266357

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

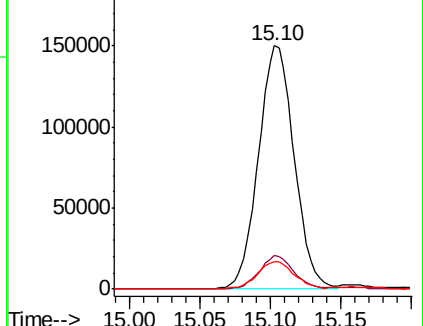
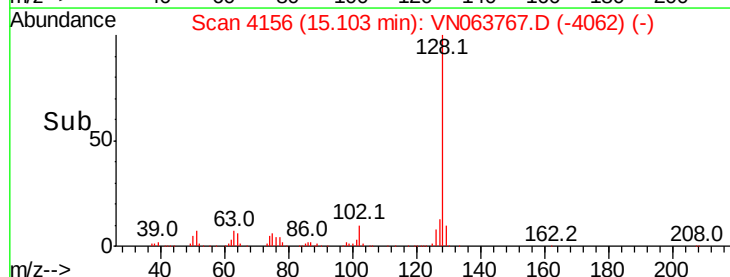
129 11.6 8.7 13.1

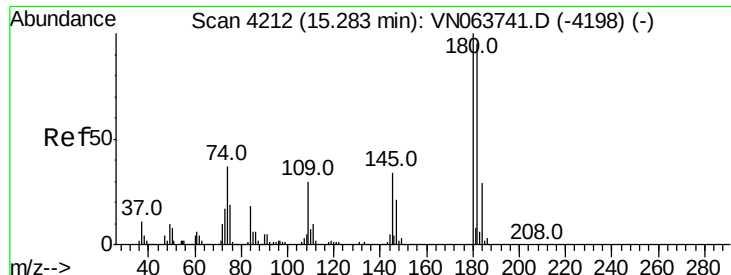


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

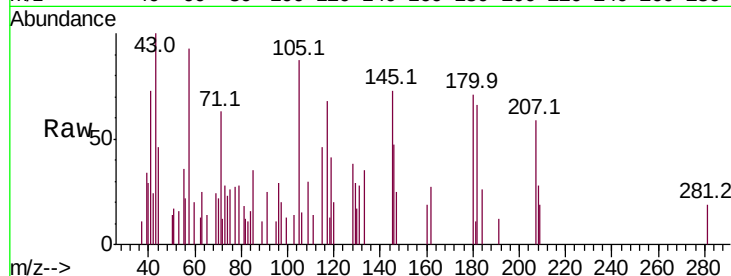




#96
 1,2,3-Trichlorobenzene
 Concen: 2.096 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN063767.D
 Acq: 1 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 40741DL

Tot Ion:180 Resp: 1649
 Ion Ratio Lower Upper
 180 100
 182 100.1 47.9 143.6
 145 110.1 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

