

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063760.D
 Acq On : 30 Sep 2020 19:31
 Operator : JC/MD
 Sample : L4181-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40741

Quant Time: Oct 01 02:16:50 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	222775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218556	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	182444	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	7.55	113	131716	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	10.06	98	522748	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.38	95	225155	56.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.40%	

Target Compounds

					Qvalue
3) Chloromethane	2.04	50	1650	0.598	ug/l 98
11) Tert butyl alcohol	4.74	59	16398	40.357	ug/l # 93
14) Allyl chloride	4.01	41	45547	10.929	ug/l # 80
16) Acetone	3.77	43	2755805	2432.426	ug/l 99
17) Carbon Disulfide	4.01	76	5920	1.663	ug/l # 88
18) Methyl Acetate	4.01	43	120127	40.838	ug/l # 54
19) Methyl tert-butyl Ether	4.98	73	9254	1.135	ug/l 95
20) Methylene Chloride	4.51	84	1216	0.566	ug/l # 84
22) Diisopropyl ether	5.90	45	3162	0.369	ug/l # 85
25) 2-Butanone	6.78	43	453804	282.526	ug/l 100
29) Tetrahydrofuran	7.15	42	2104	1.953	ug/l # 65
31) Cyclohexane	7.62	56	7715	1.806	ug/l # 22
36) 1,1-Dichloropropene	7.63	75	19607	4.777	ug/l # 53
37) Ethyl Acetate	6.78	43	453804	111.275	ug/l # 70
38) Carbon Tetrachloride	7.62	117	25528	5.546	ug/l # 14
39) Methylcyclohexane	9.05	83	5100	1.246	ug/l 84
40) Benzene	8.00	78	25102	2.141	ug/l 100
41) Methacrylonitrile	7.15	41	10846	5.984	ug/l # 46
51) 4-Methyl-2-Pentanone	9.96	43	44537	11.282	ug/l 100
52) Toluene	10.13	92	189152	26.083	ug/l 98
53) t-1,3-Dichloropropene	10.12	75	3090	0.640	ug/l # 1
55) 1,1,2-Trichloroethane	10.50	97	2494	0.858	ug/l # 14
59) 2-Hexanone	10.73	43	34453	11.749	ug/l 98
67) Ethyl Benzene	11.48	91	720381	45.914	ug/l 100
68) m/p-Xylenes	11.59	106	1250606	213.866	ug/l 99
69) o-Xylene	11.92	106	811636	148.500	ug/l 100
70) Styrene	11.92	104	41794	4.505	ug/l # 1
73) Isopropylbenzene	12.23	105	189630	11.896	ug/l 100
74) N-amyl acetate	12.00	43	103414	15.555	ug/l # 51
76) 1,2,3-Trichloropropane	12.57	75	5726	1.189	ug/l # 100
78) n-propylbenzene	12.57	91	871411	46.970	ug/l 99
79) 2-Chlorotoluene	12.63	91	414778	36.352	ug/l # 43
80) 1,3,5-Trimethylbenzene	12.71	105	1331540	99.562	ug/l 98
81) trans-1,4-Dichloro-2-buten	12.38	75	129797	77.594	ug/l # 6

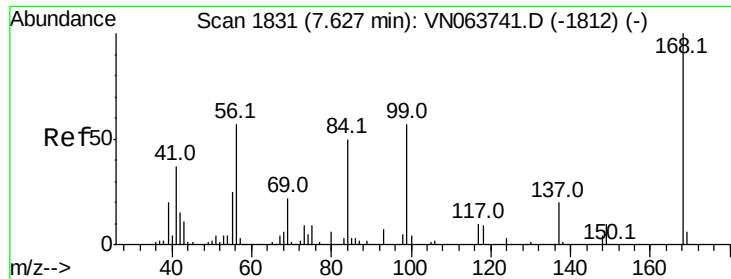
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063760.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.71	91	154456	13.040	ug/l #	44
83) tert-Butylbenzene	13.02	119	759855	69.459	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.02	105	5507589	412.472	ug/l	86
85) sec-Butylbenzene	13.02	105	5507589	383.309	ug/l #	58
86) p-Isopropyltoluene	13.21	119	181705	14.295	ug/l	97
89) n-Butylbenzene	13.59	91	161974	13.806	ug/l #	69
90) Hexachloroethane	13.87	117	112057	45.494	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1075	0.940	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.88	180	485	1.859	ug/l #	1
95) Naphthalene	15.10	128	3974075	325.945	ug/l	99
96) 1,2,3-Trichlorobenzene	15.26	180	1753	2.027	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Instrument :

MSVOA_N

ClientSampled :

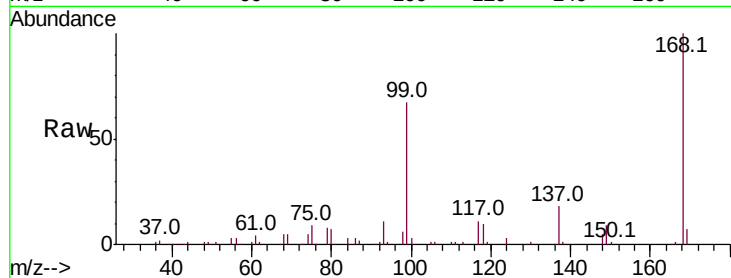
40741

Tot Ion:168 Resp: 222775

Ion Ratio Lower Upper

168 100

99 66.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

60000

40000

20000

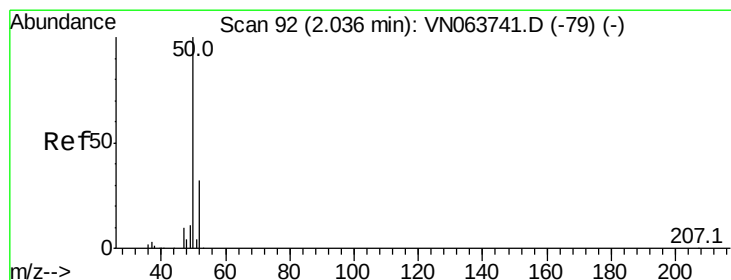
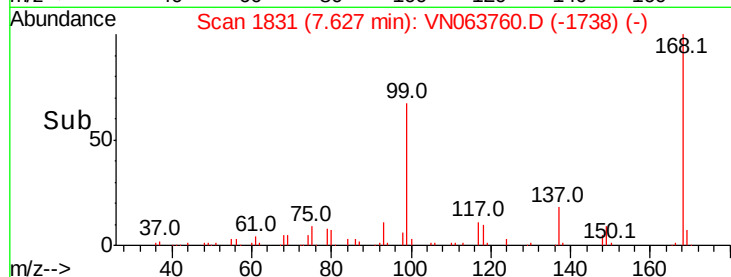
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Time-->

7.50

7.60

7.70



#3

Chloromethane

Concen: 0.598 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063760.D

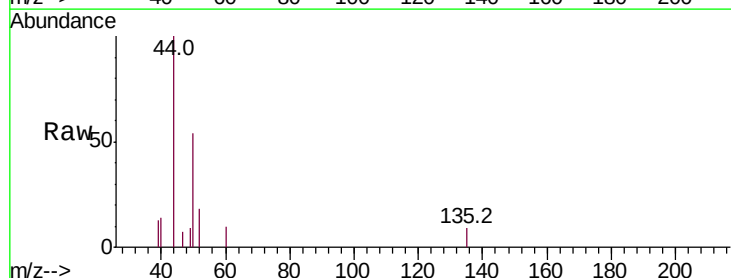
Acq: 30 Sep 2020 19:31

Tgt Ion: 50 Resp: 1650

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

1000

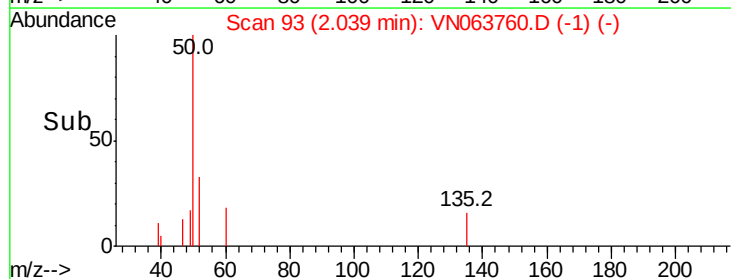
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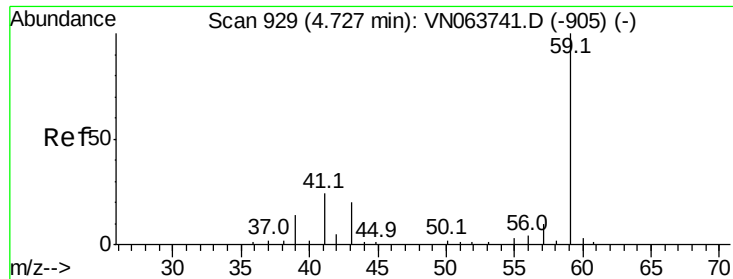
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Time-->

2.00

2.05

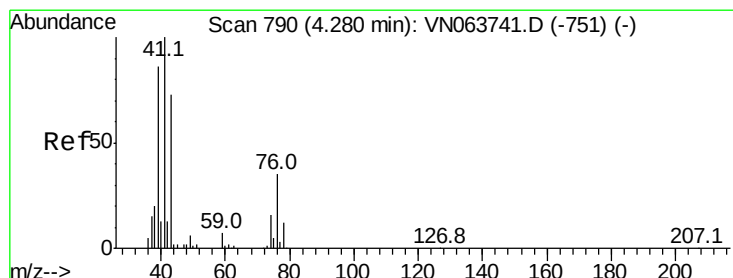
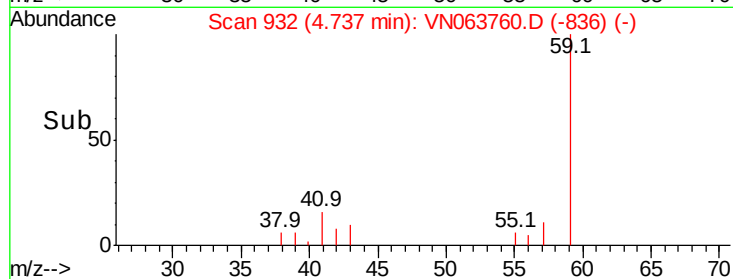
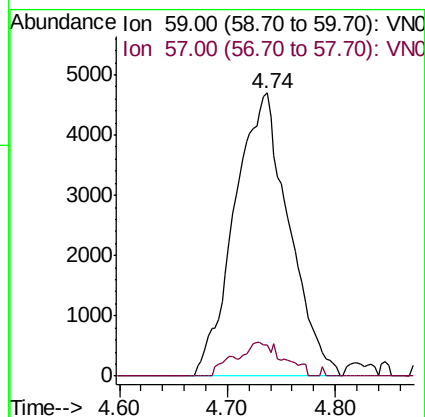
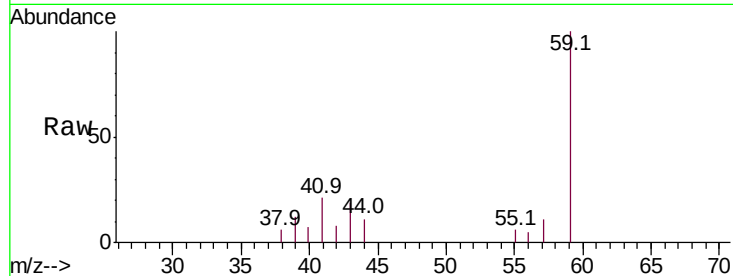




#11
Tert butyl alcohol
Concen: 40.357 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

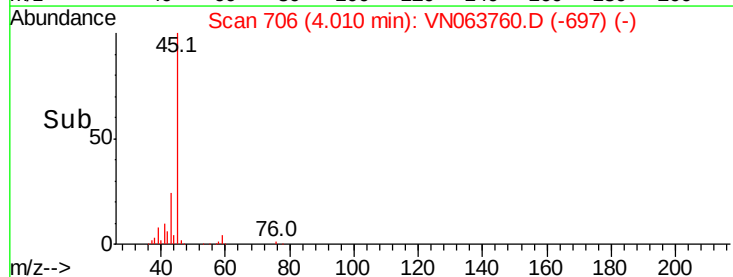
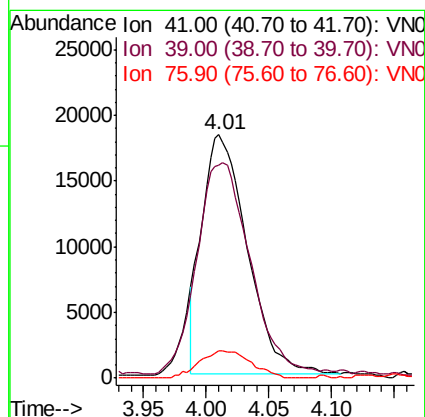
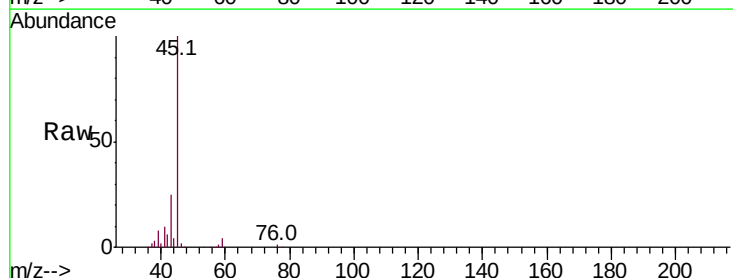
Instrument :
MSVOA_N
ClientSampled :
40741

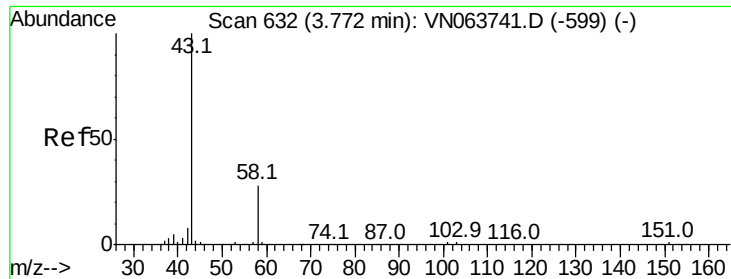
Tot Ion: 59 Resp: 16398
Ion Ratio Lower Upper
59 100
57 8.1 8.7 13.1#



#14
Allyl chloride
Concen: 10.929 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.27 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

Tgt Ion: 41 Resp: 45547
Ion Ratio Lower Upper
41 100
39 92.8 64.5 96.7
76 12.2 25.9 38.9#





#16

Acetone

Concen: 2432.426 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.00 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Instrument :

MSVOA_N

ClientSampled :

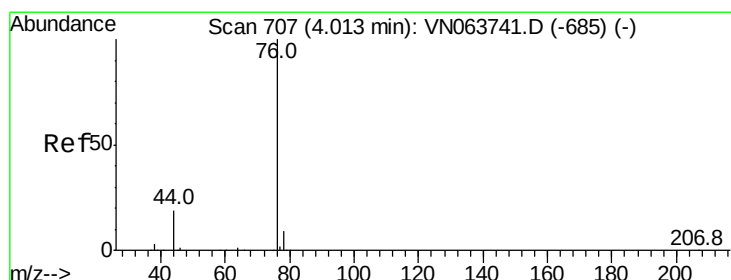
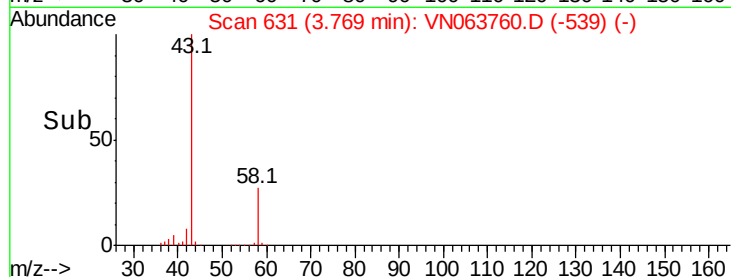
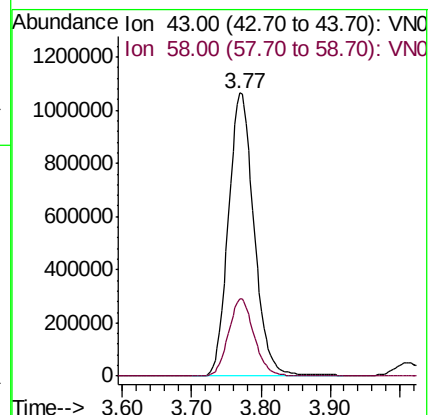
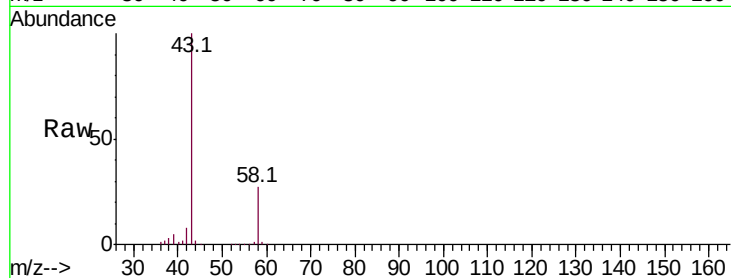
40741

Tot Ion: 43 Resp: 2755805

Ion Ratio Lower Upper

43 100

58 27.2 22.3 33.5



#17

Carbon Disulfide

Concen: 1.663 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063760.D

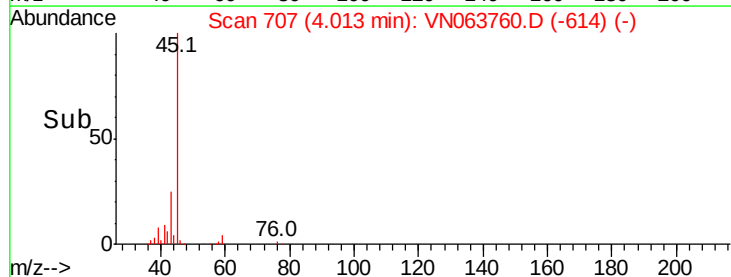
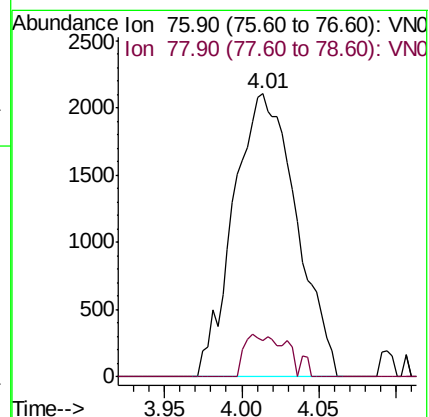
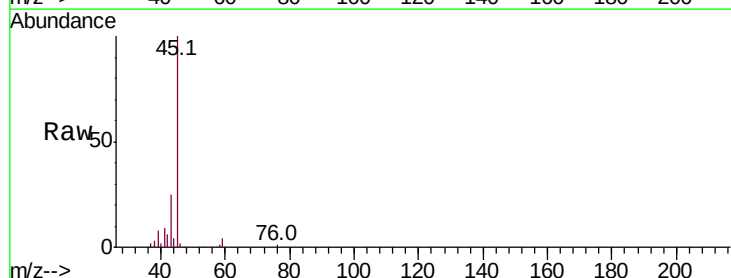
Acq: 30 Sep 2020 19:31

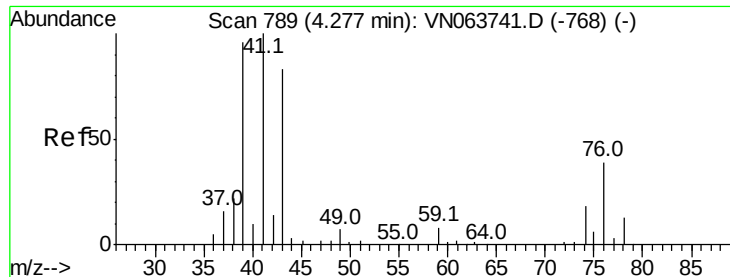
Tgt Ion: 76 Resp: 5920

Ion Ratio Lower Upper

76 100

78 12.9 7.0 10.4#

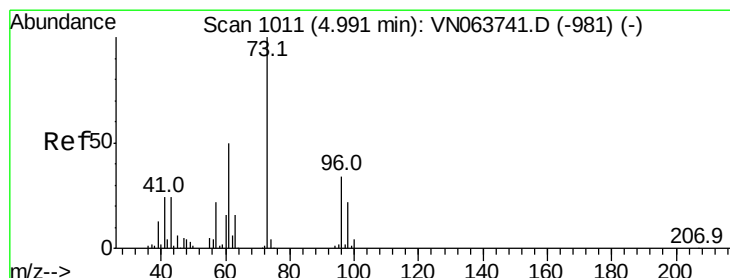
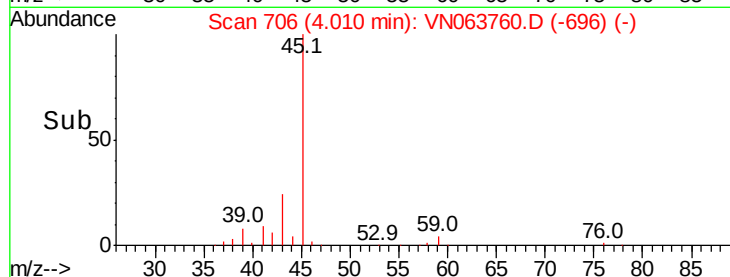
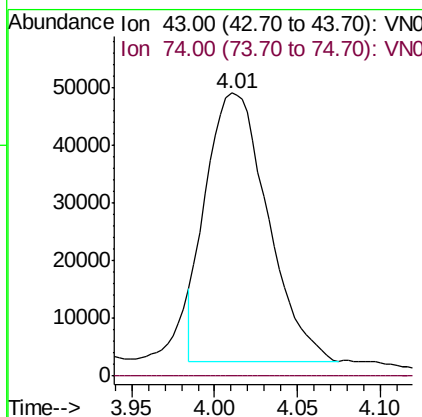
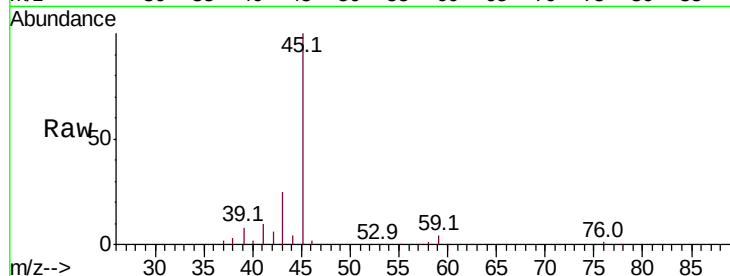




#18
Methyl Acetate
Concen: 40.838 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.27 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

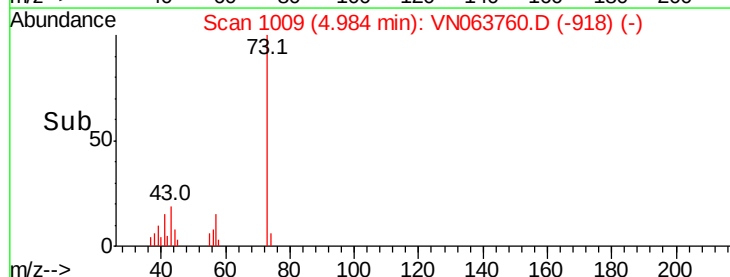
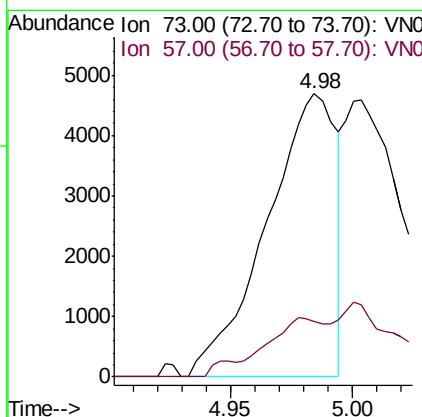
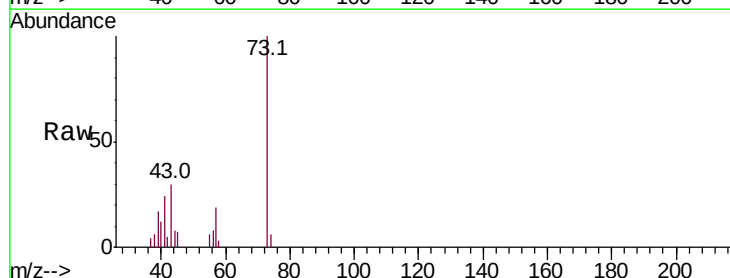
Instrument :
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ClientSampled :
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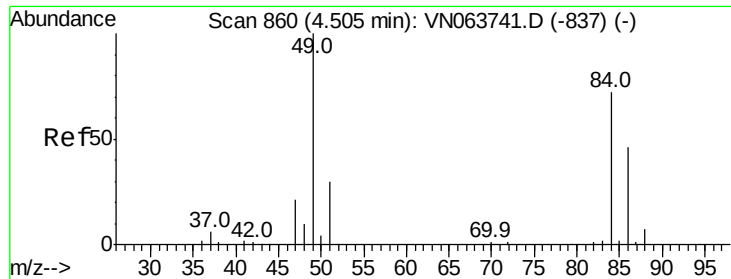
Tot Ion: 43 Resp: 120127
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#19
Methyl tert-butyl Ether
Concen: 1.135 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

Tgt Ion: 73 Resp: 9254
Ion Ratio Lower Upper
73 100
57 19.5 17.6 26.4

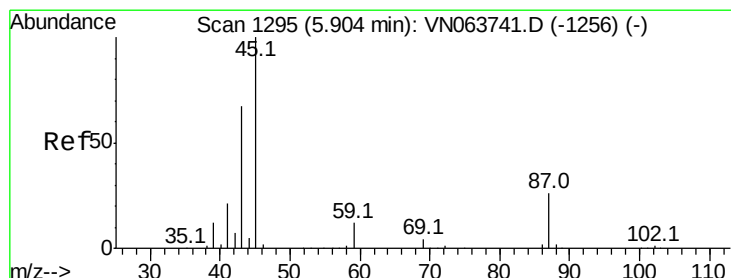
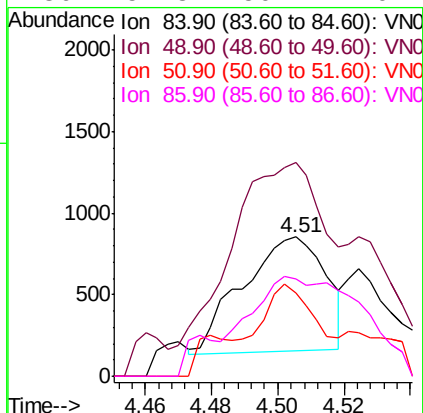
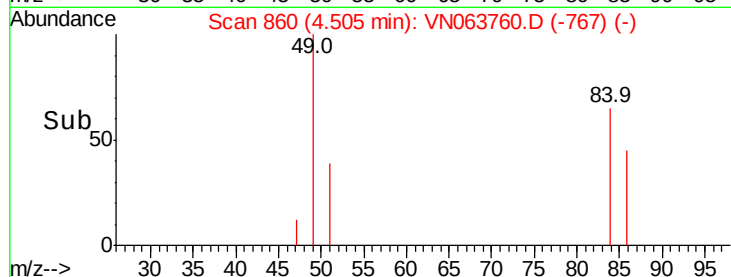
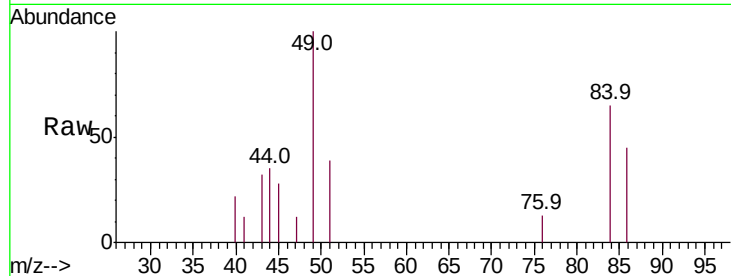




#20
Methvlene Chloride
Concen: 0.566 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

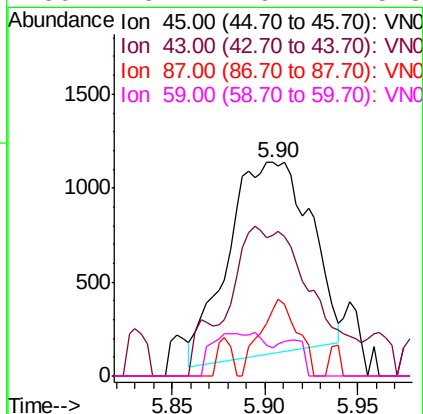
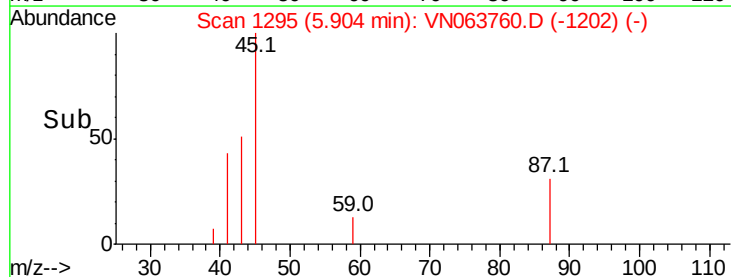
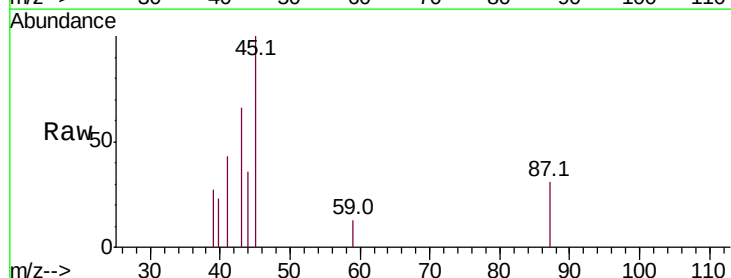
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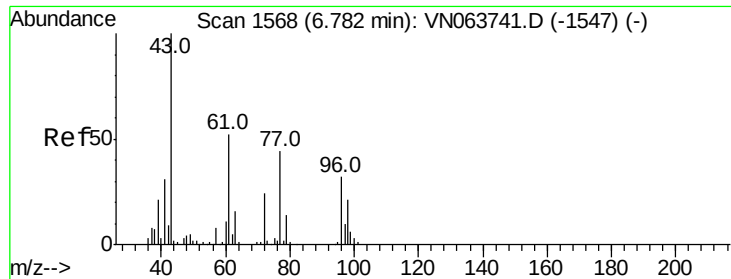
Tot Ion: 84 Resp: 1216
Ion Ratio Lower Upper
84 100
49 147.4 110.4 165.6
51 74.3 33.3 49.9#
86 54.8 50.7 76.1



#22
Diisopropyl ether
Concen: 0.369 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

Tgt Ion: 45 Resp: 3162
Ion Ratio Lower Upper
45 100
43 77.8 53.7 80.5
87 37.0 21.1 31.7#
59 15.7 9.2 13.8#

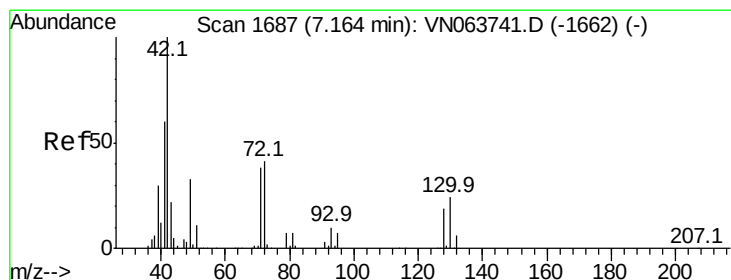
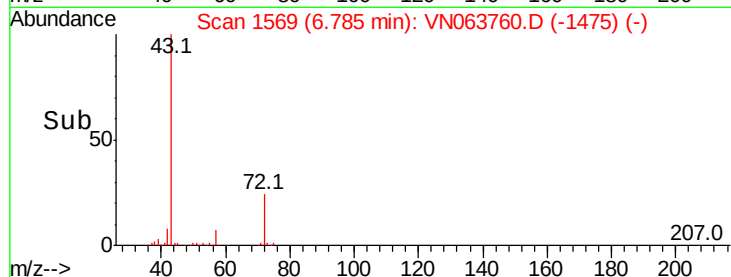
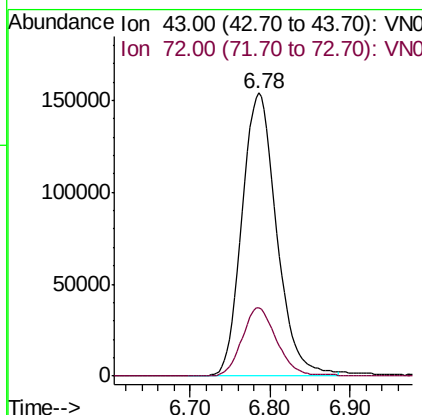
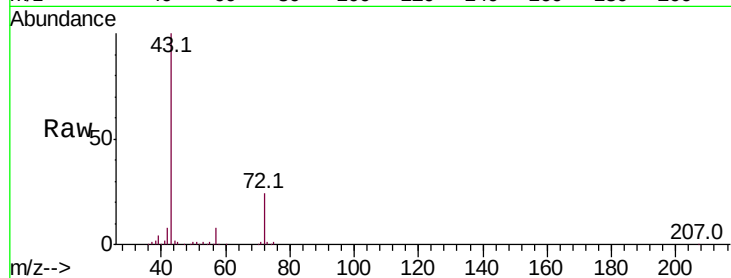




#25
2-Butanone
Concen: 282.526 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

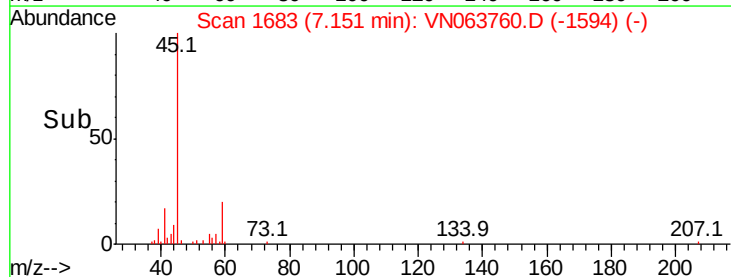
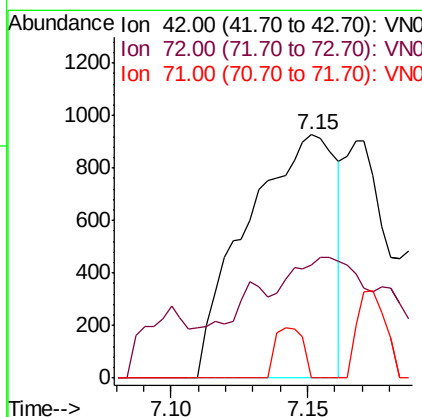
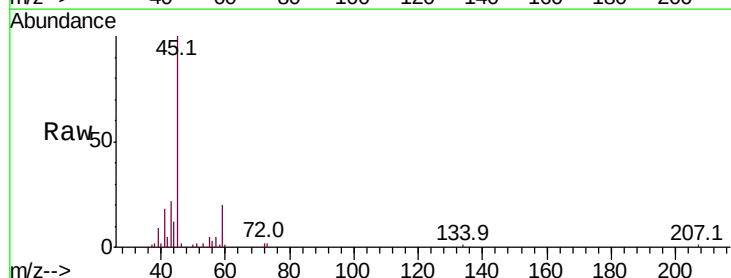
Instrument :
MSVOA_N
ClientSampled :
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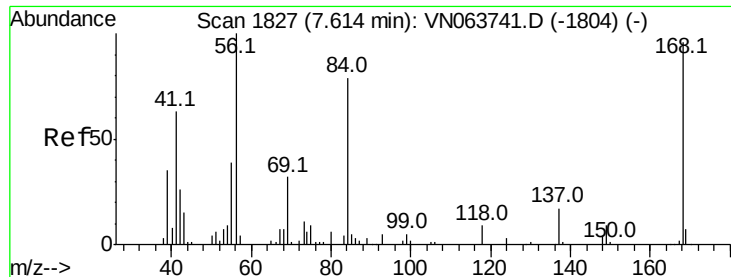
Tot Ion: 43 Resp: 453804
Ion Ratio Lower Upper
43 100
72 24.3 19.3 28.9



#29
Tetrahydrofuran
Concen: 1.953 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

Tgt Ion: 42 Resp: 2104
Ion Ratio Lower Upper
42 100
72 29.0 32.8 49.2#
71 6.5 30.6 45.8#

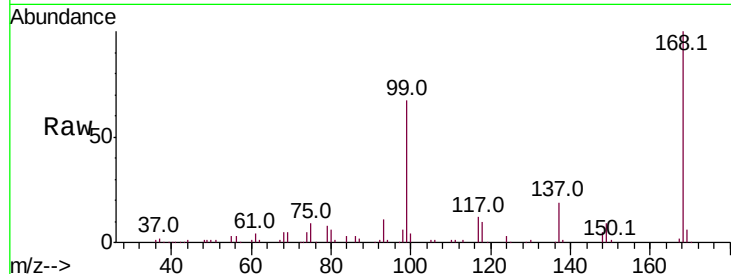




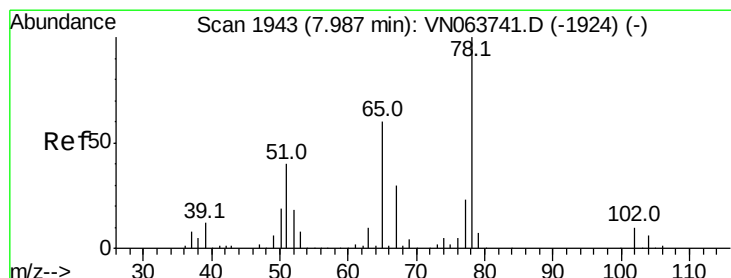
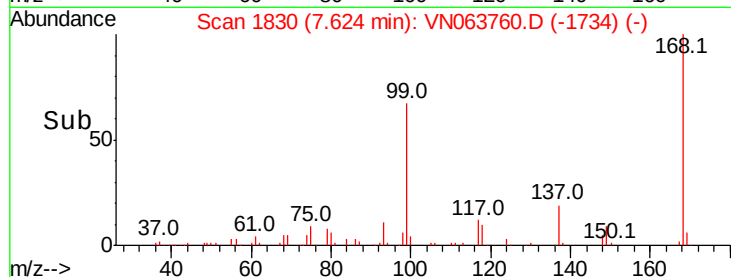
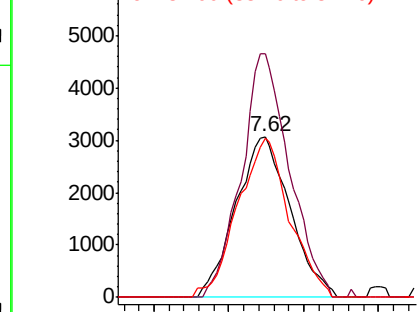
#31
Cyclohexane
Concen: 1.806 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

Instrument :
MSVOA_N
ClientSampled :
40741

Tot Ion: 56 Resp: 7715
Ion Ratio Lower Upper
56 100
69 151.2 25.4 38.2#
84 98.7 63.3 94.9#

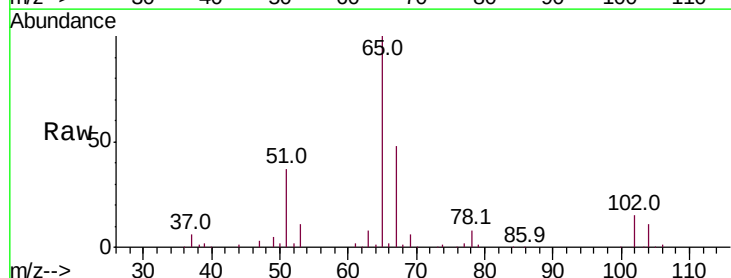


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

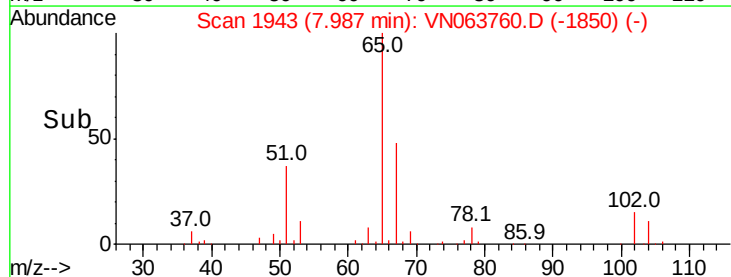
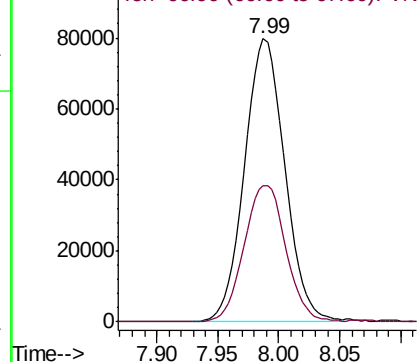


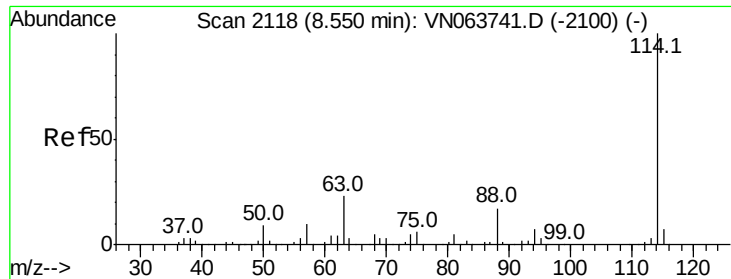
#33
1,2-Dichloroethane-d4
Concen: 49.572 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

Tgt Ion: 65 Resp: 182444
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.6



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

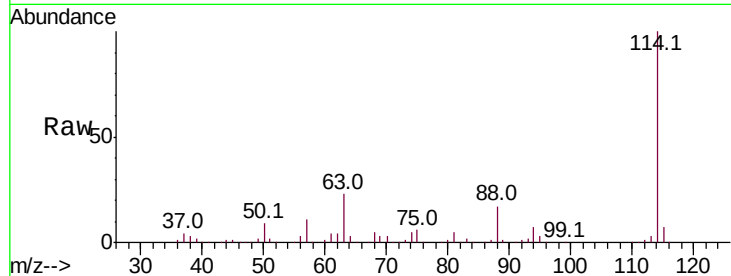




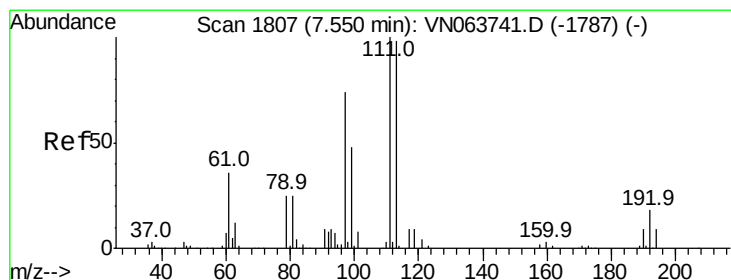
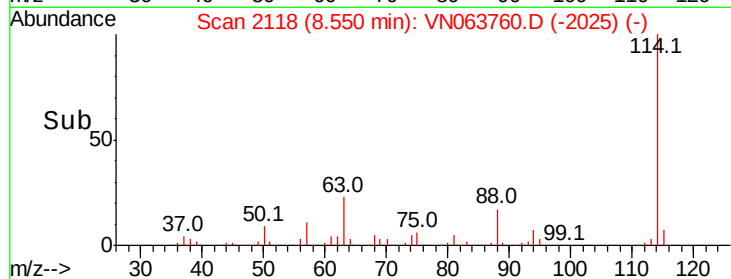
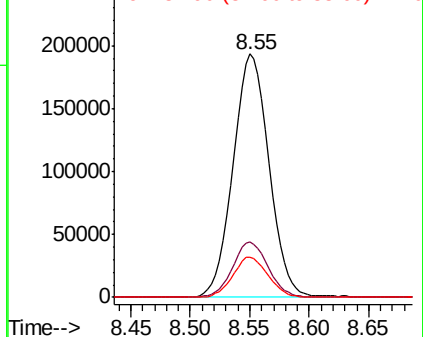
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

Instrument :
 MSVOA_N
 ClientSampled :
 40741

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.0
88	16.7	0.0	34.0

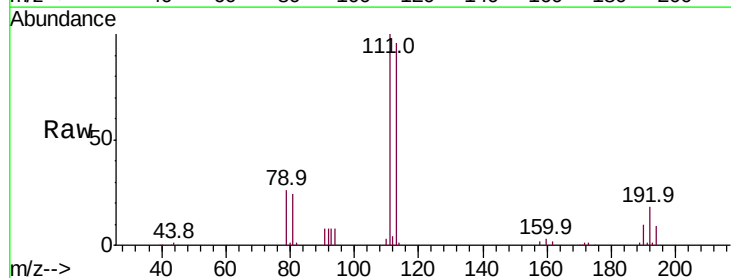


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

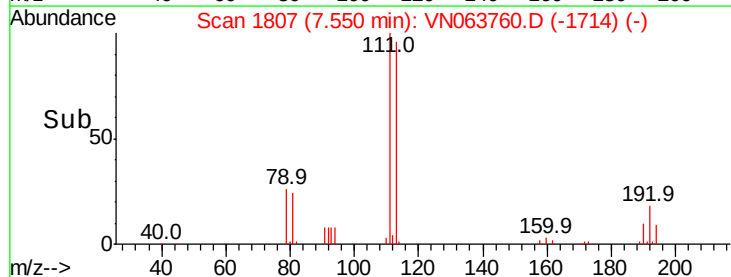
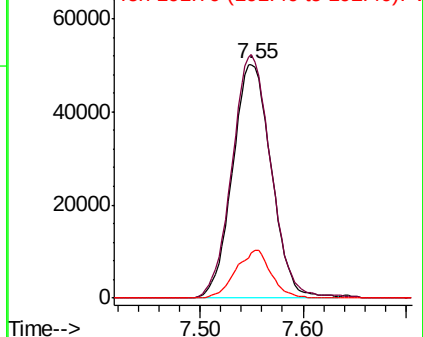


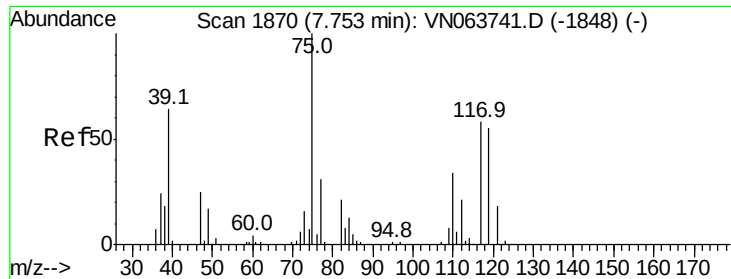
#35
 Dibromofluoromethane
 Concen: 46.850 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.8
192	18.6	14.2	21.2



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

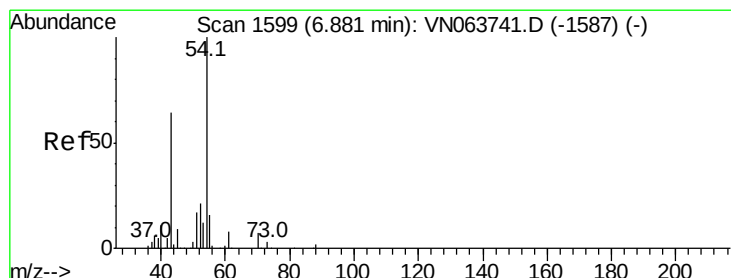
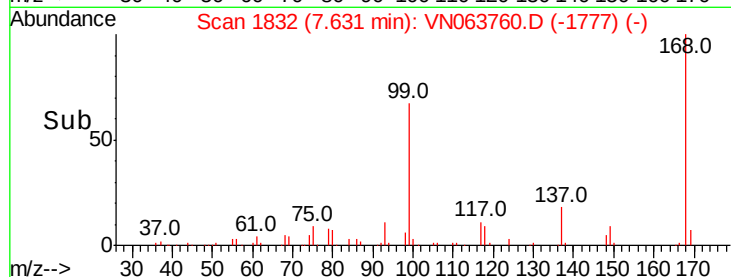
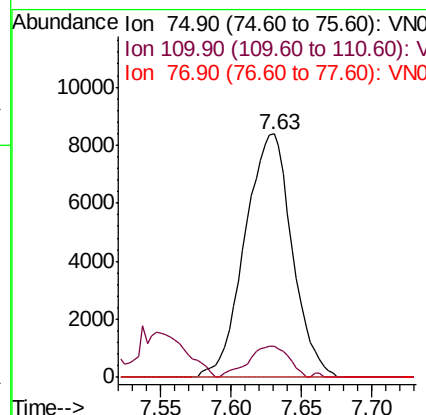
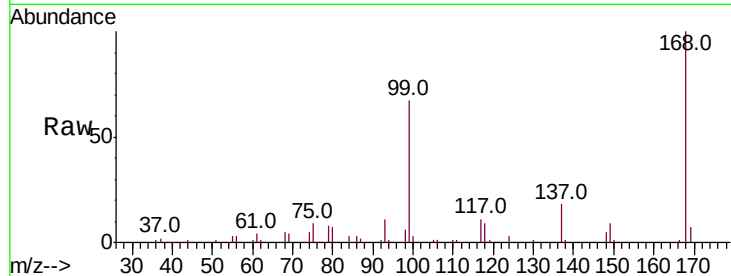




#36
 1,1-Dichloropropene
 Concen: 4.777 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

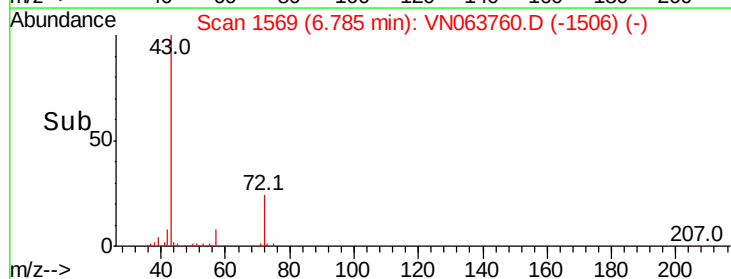
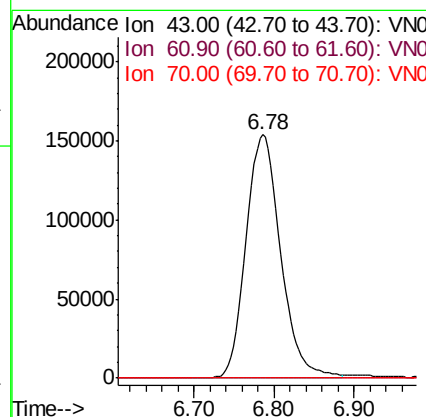
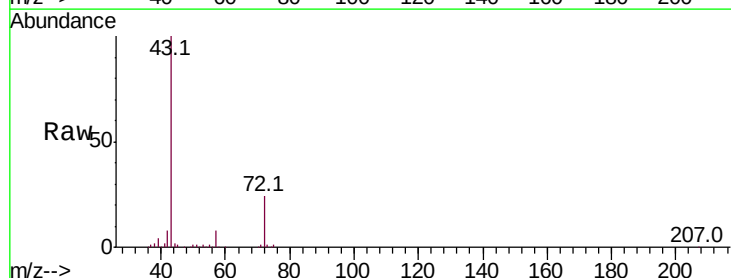
Instrument :
 MSVOA_N
 ClientSampled :
 40741

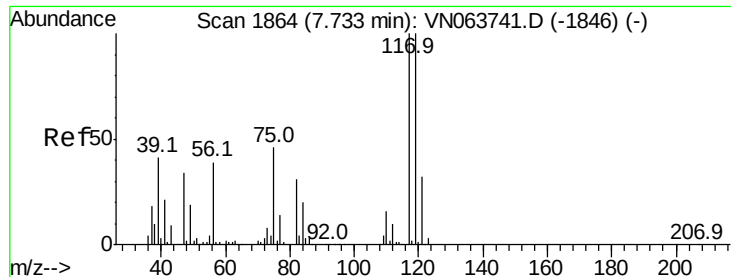
Tot Ion: 75 Resp: 19607
 Ion Ratio Lower Upper
 75 100
 110 11.1 16.9 50.6#
 77 0.0 24.5 36.7#



#37
 Ethyl Acetate
 Concen: 111.275 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.10 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

Tgt Ion: 43 Resp: 453804
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.4 15.6#
 70 0.1 7.3 10.9#





#38

Carbon Tetrachloride

Concen: 5.546 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Instrument :

MSVOA_N

ClientSampled :

40741

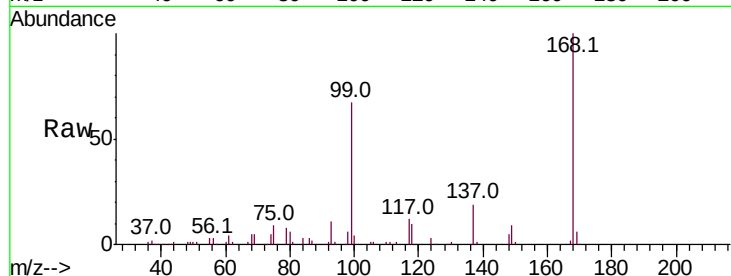
Tot Ion:117 Resp: 25528

Ion Ratio Lower Upper

117 100

119 4.3 80.1 120.1#

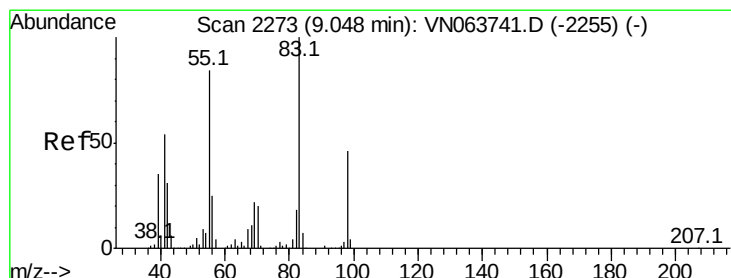
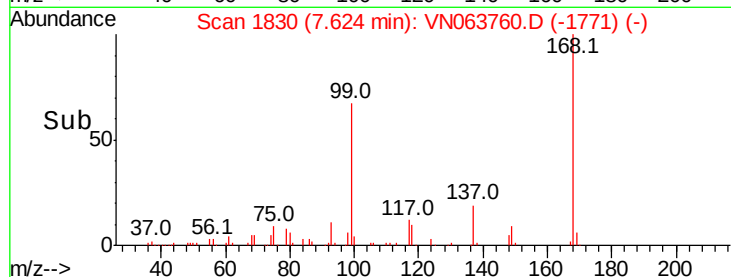
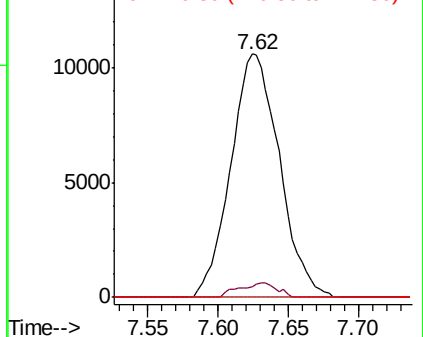
121 0.0 25.7 38.5#



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: 1.246 ug/l

RT: 9.05 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

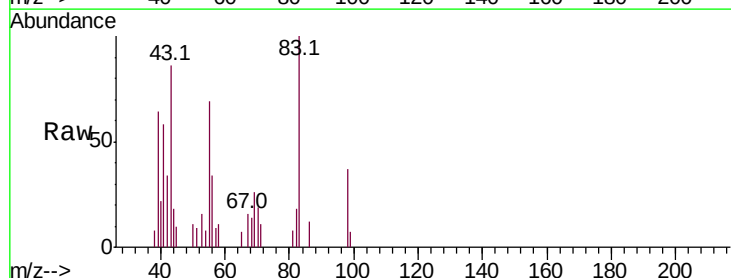
Tgt Ion: 83 Resp: 5100

Ion Ratio Lower Upper

83 100

55 68.6 67.1 100.7

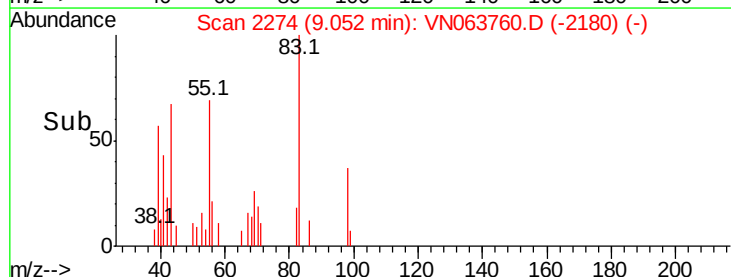
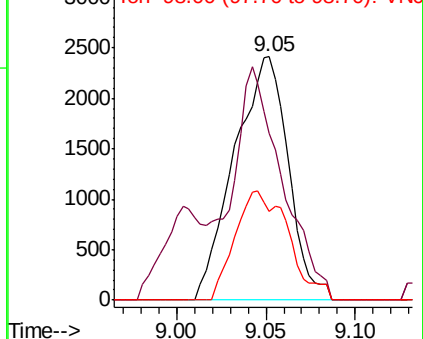
98 36.7 36.6 54.8

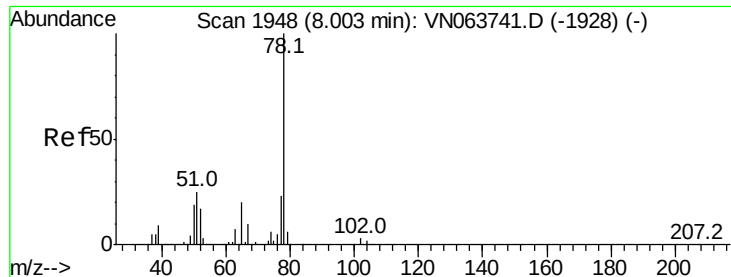


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 2.141 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

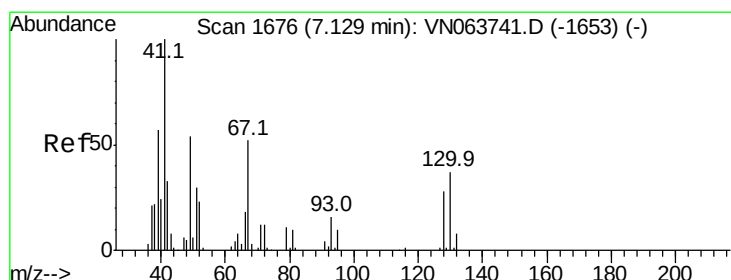
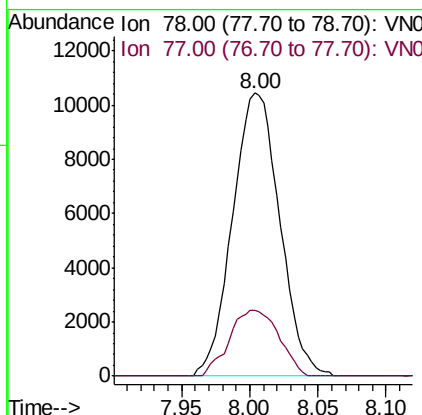
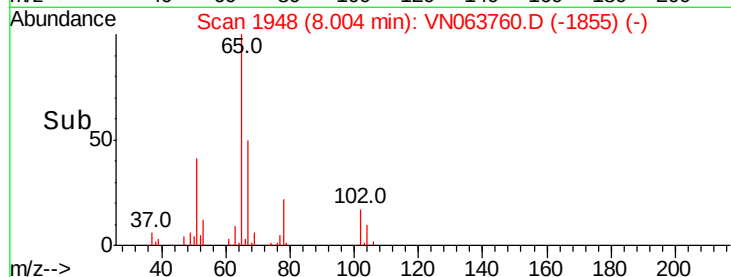
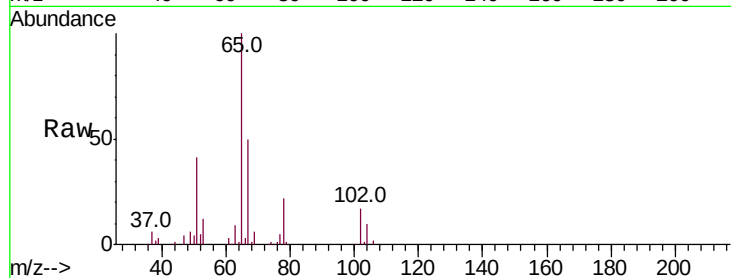
40741

Tot Ion: 78 Resp: 25102

Ion Ratio Lower Upper

78 100

77 23.3 18.7 28.1



#41

Methacrylonitrile

Concen: 5.984 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.02 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Tgt Ion: 41 Resp: 10846

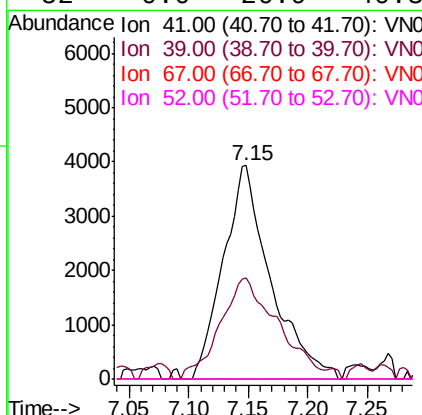
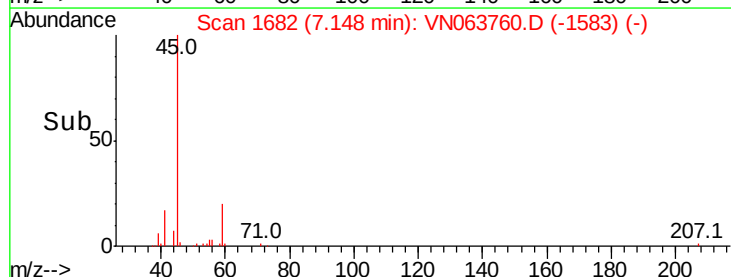
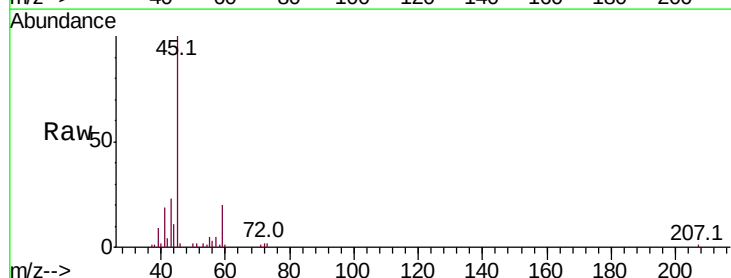
Ion Ratio Lower Upper

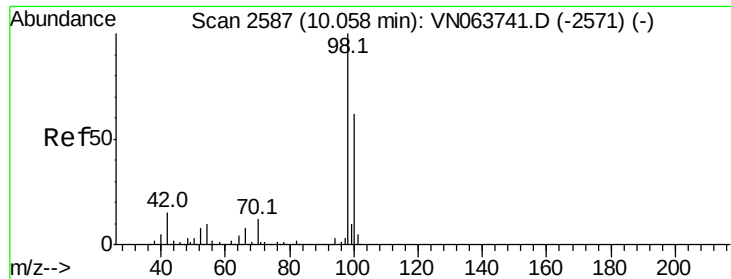
41 100

39 57.2 42.5 63.7

67 0.0 57.4 86.2#

52 0.0 26.9 40.3#





#50

Toluene-d8

Concen: 49.048 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

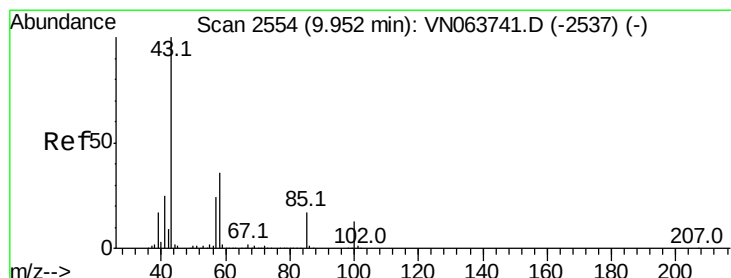
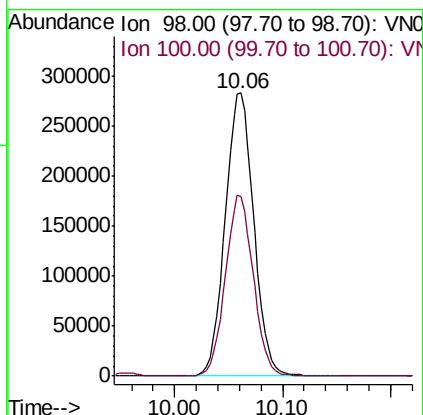
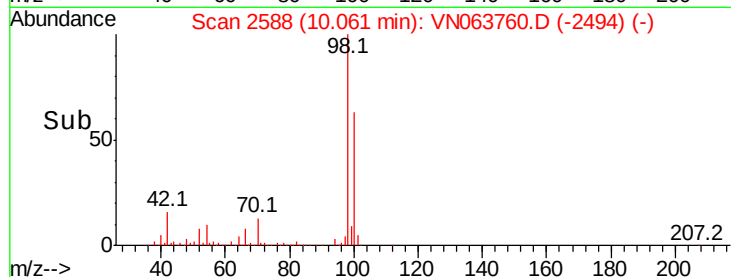
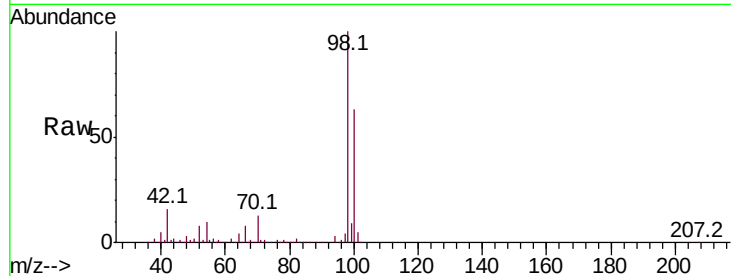
40741

Tot Ion: 98 Resp: 522748

Ion Ratio Lower Upper

98 100

100 62.6 49.8 74.6



#51

4-Methyl-2-Pentanone

Concen: 11.282 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN063760.D

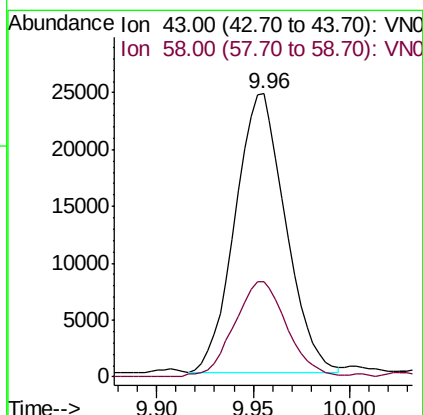
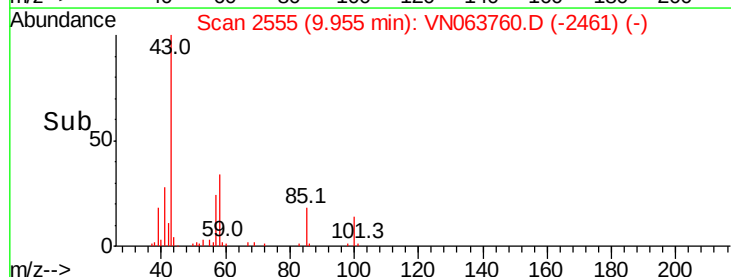
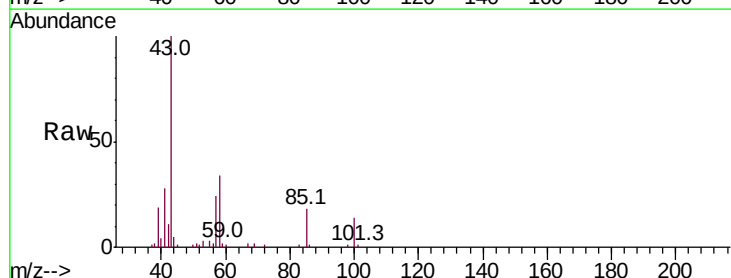
Acq: 30 Sep 2020 19:31

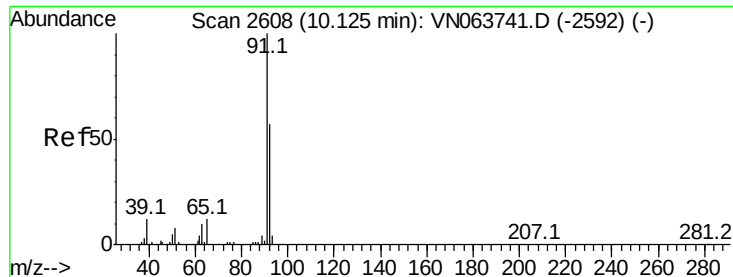
Tgt Ion: 43 Resp: 44537

Ion Ratio Lower Upper

43 100

58 35.7 28.4 42.6





#52

Toluene

Concen: 26.083 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

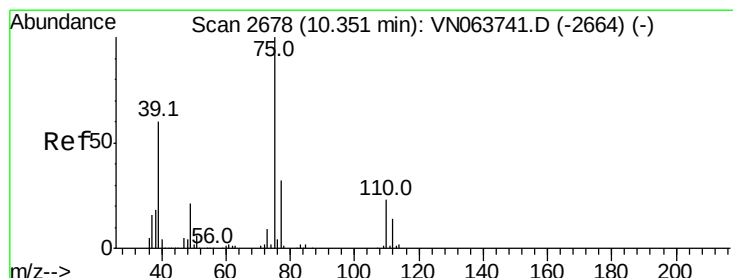
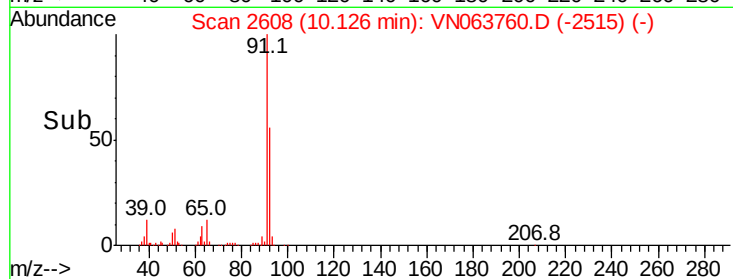
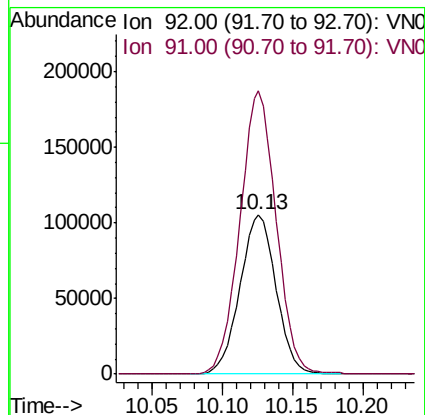
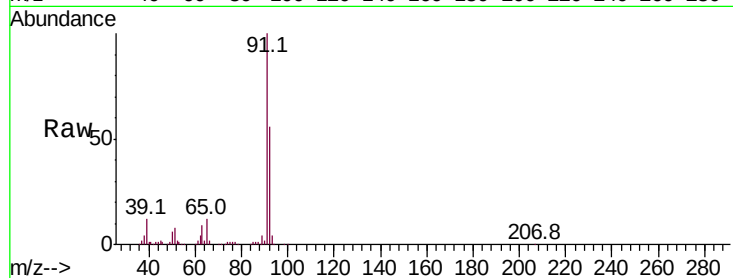
40741

Tot Ion: 92 Resp: 189152

Ion Ratio Lower Upper

92 100

91 178.2 140.6 210.8



#53

t-1,3-Dichloropropene

Concen: 0.640 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.23 min

Lab File: VN063760.D

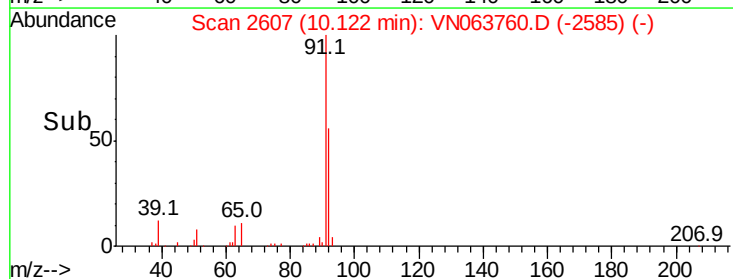
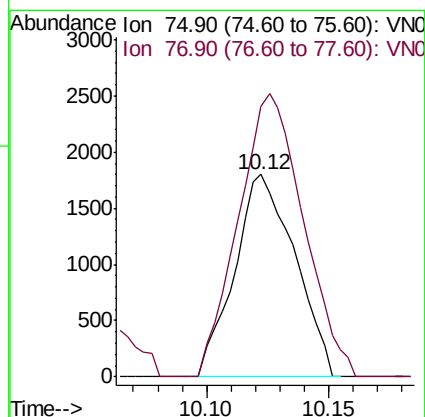
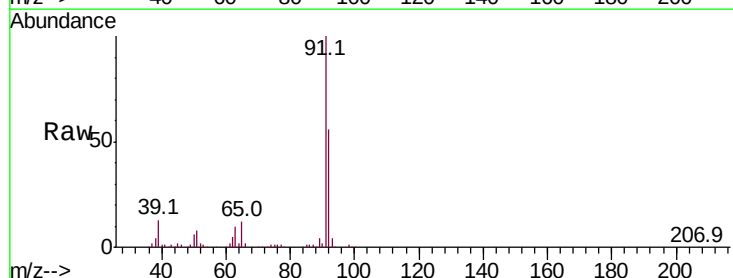
Acq: 30 Sep 2020 19:31

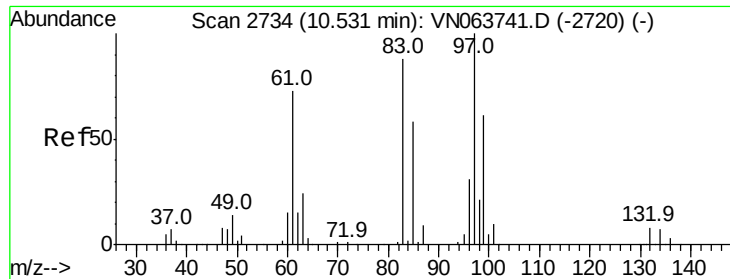
Tgt Ion: 75 Resp: 3090

Ion Ratio Lower Upper

75 100

77 133.7 25.3 37.9#

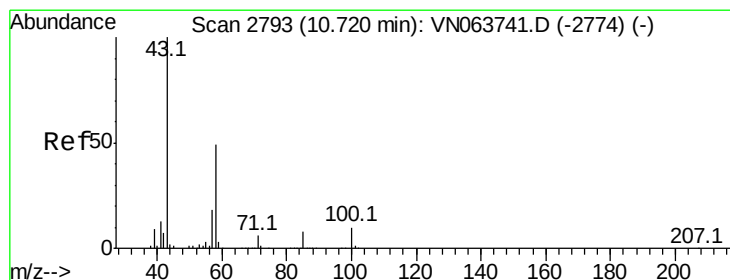
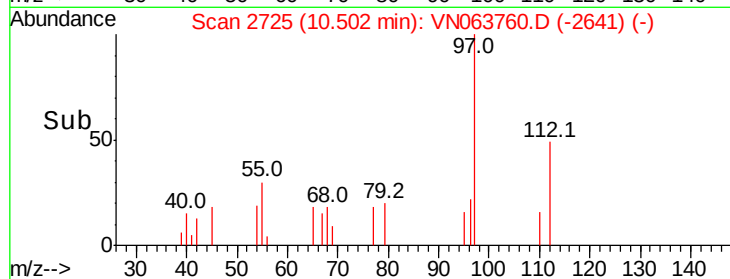
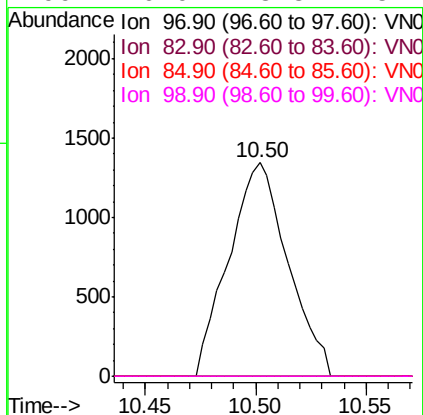
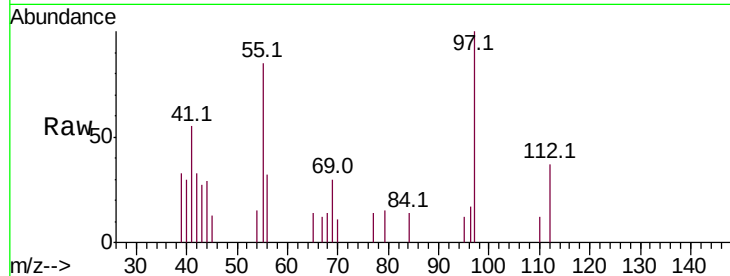




#55
 1,1,2-Trichloroethane
 Concen: 0.858 ug/l
 RT: 10.50 min Scan# 2725
 Delta R.T. -0.03 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

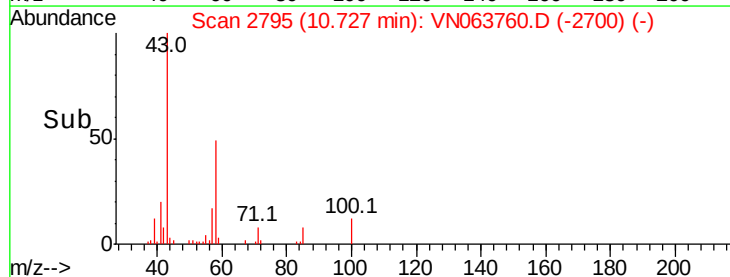
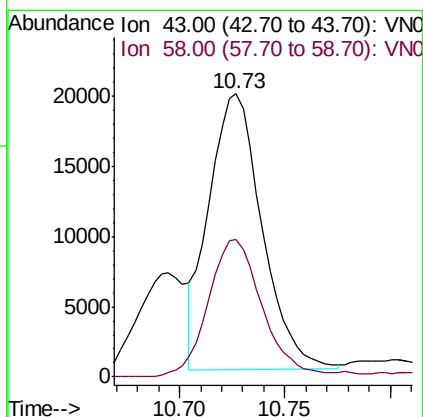
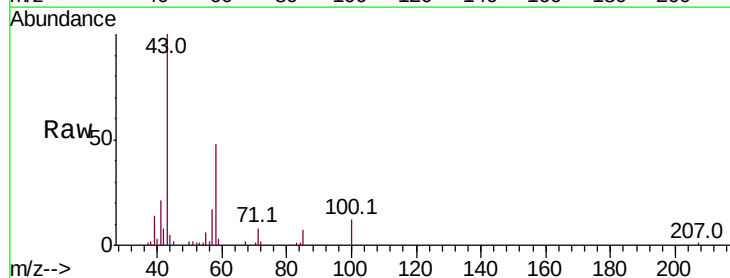
Instrument :
 MSVOA_N
 ClientSampled :
 40741

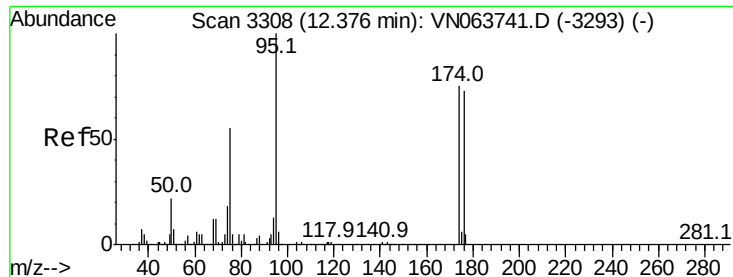
Tot Ion: 97 Resp: 2494
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.7 106.1#
 85 0.0 46.1 69.1#
 99 0.0 48.8 73.2#



#59
 2-Hexanone
 Concen: 11.749 ug/l
 RT: 10.73 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

Tgt Ion: 43 Resp: 34453
 Ion Ratio Lower Upper
 43 100
 58 50.6 24.6 73.8





#62

4-Bromofluorobenzene

Concen: 56.199 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

40741

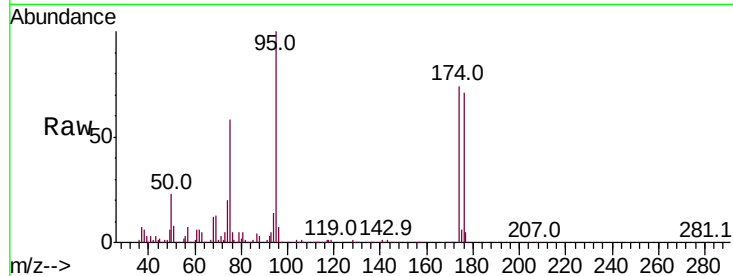
Tot Ion: 95 Resp: 225155

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

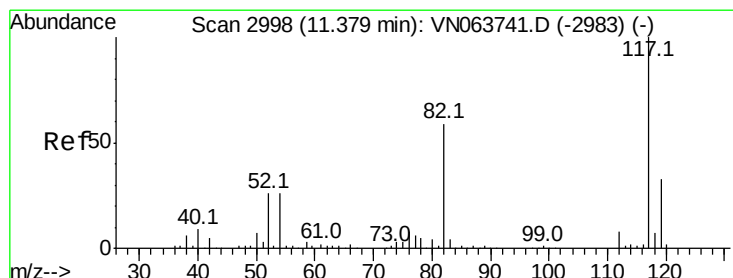
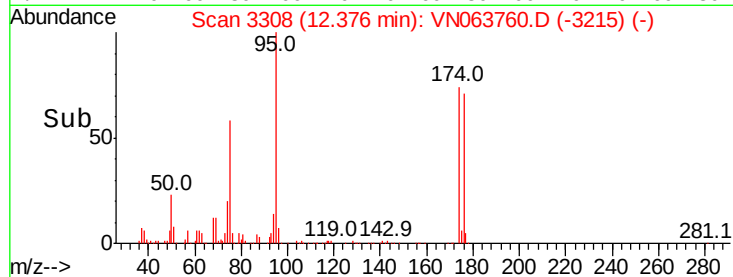
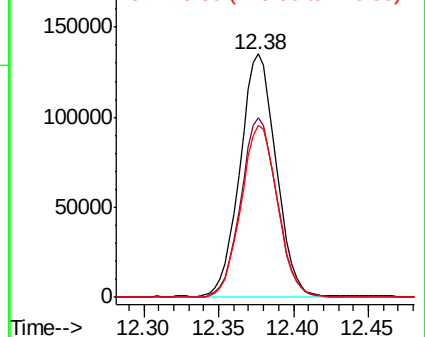
176 72.0 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063760.D (-2905) (-)

Ion 173.80 (173.50 to 174.50): VN063760.D (-2905) (-)

Ion 175.80 (175.50 to 176.50): VN063760.D (-2905) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

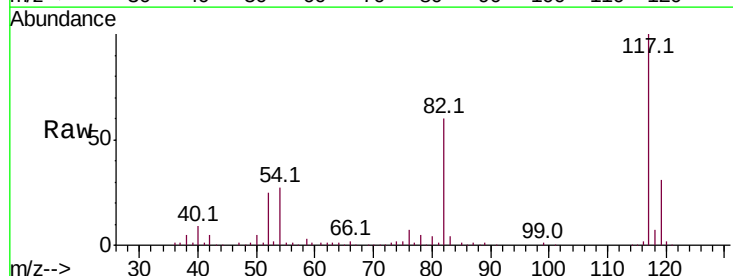
Tgt Ion: 117 Resp: 420345

Ion Ratio Lower Upper

117 100

82 60.3 47.4 71.2

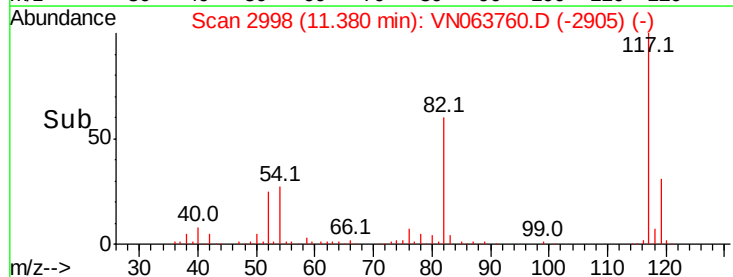
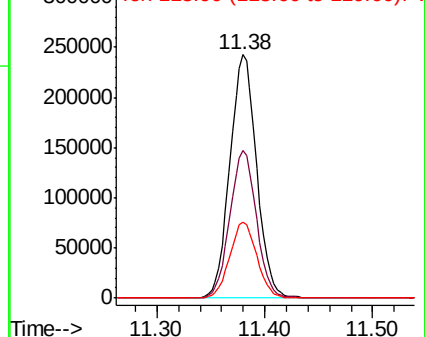
119 31.4 26.4 39.6

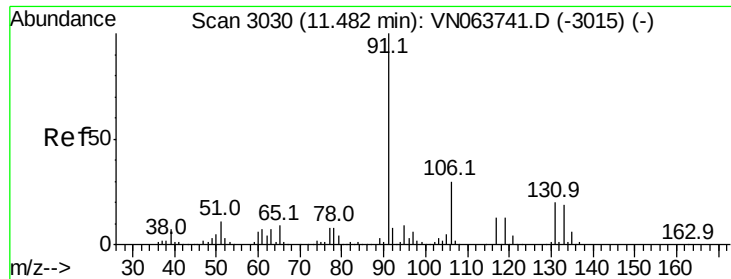


Abundance Ion 116.90 (116.60 to 117.60): VN063760.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063760.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063760.D (-2905) (-)

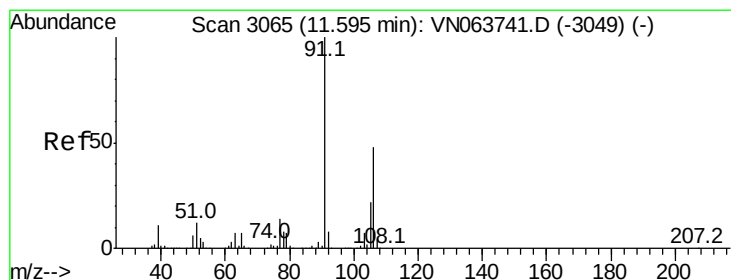
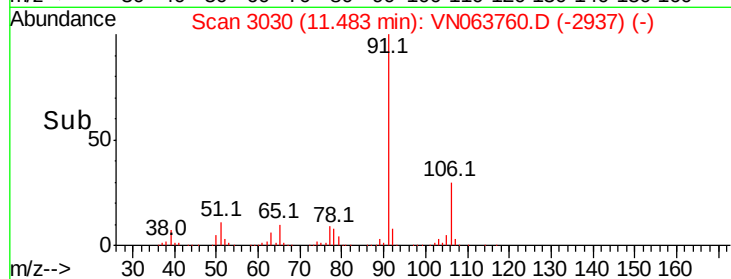
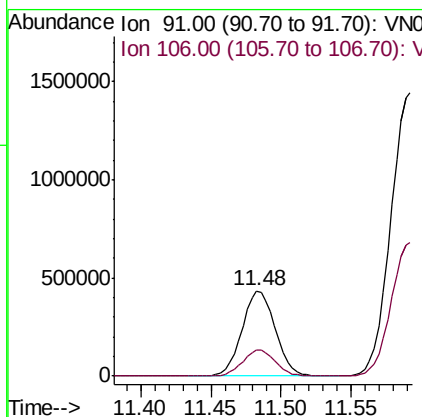
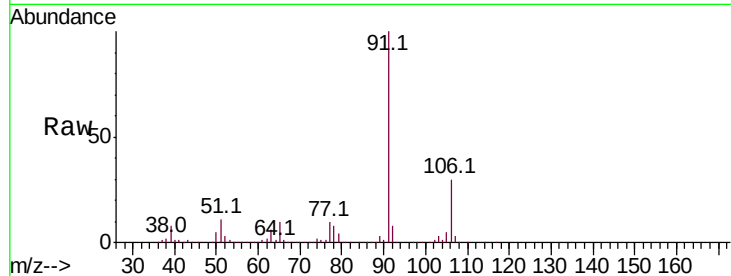




#67
Ethyl Benzene
Concen: 45.914 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

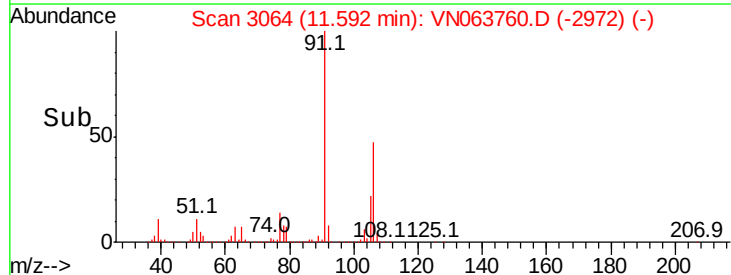
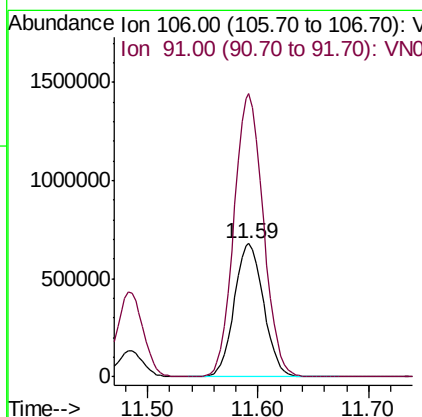
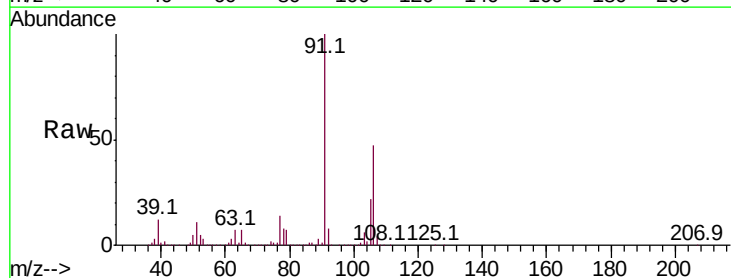
Instrument :
MSVOA_N
ClientSampled :
40741

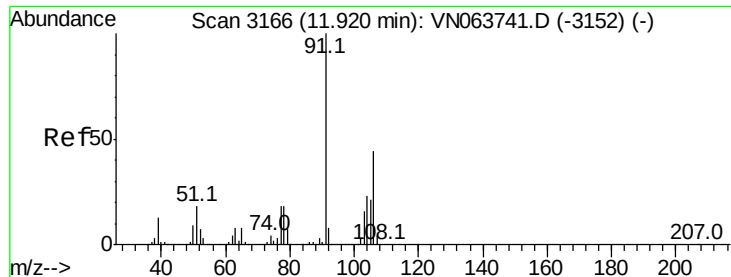
Tot Ion: 91 Resp: 720381
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2



#68
m/p-Xylenes
Concen: 213.866 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

Tgt Ion: 106 Resp: 1250606
Ion Ratio Lower Upper
106 100
91 212.2 168.0 252.0

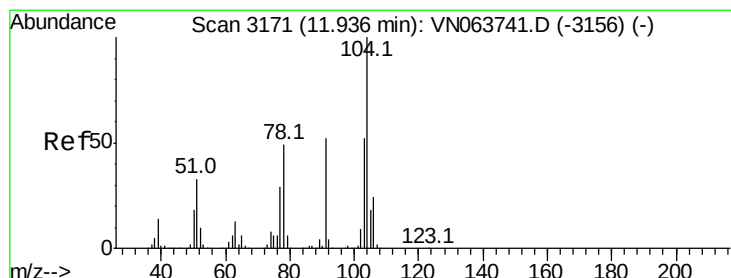
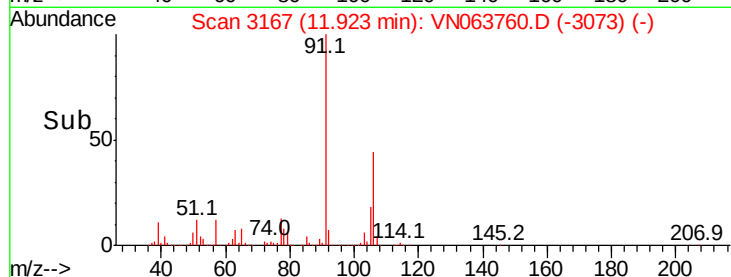
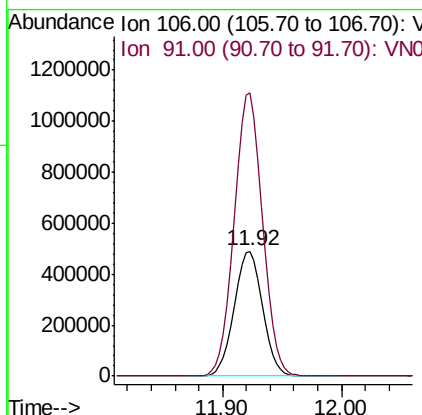
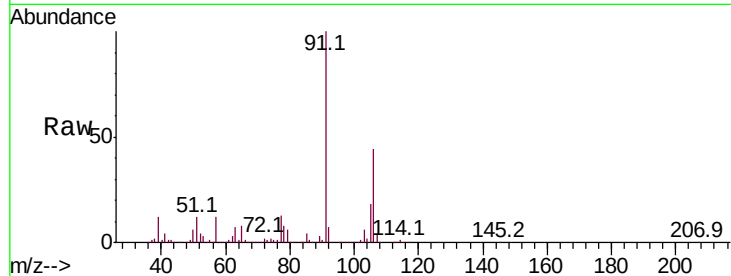




#69
o-Xylene
Concen: 148.500 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

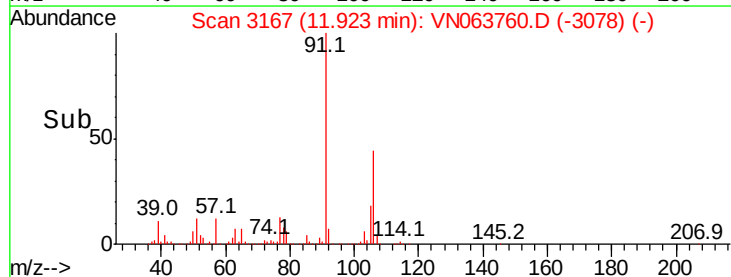
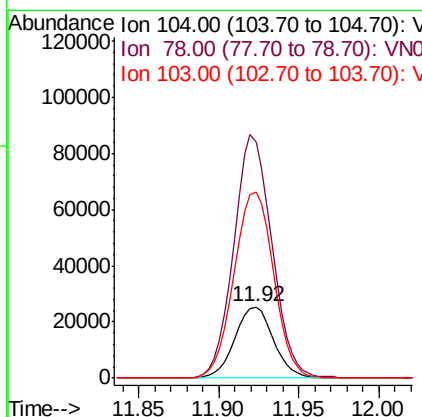
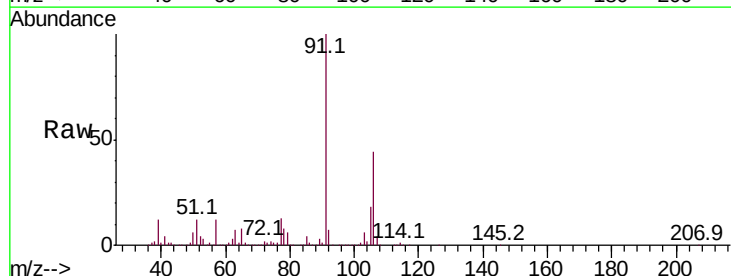
Instrument :
MSVOA_N
ClientSampled :
40741

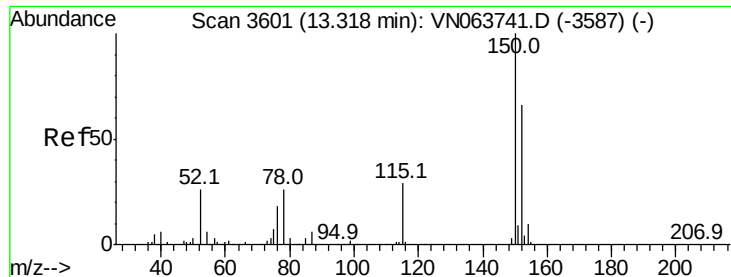
Tot Ion:106 Resp: 811636
Ion Ratio Lower Upper
106 100
91 226.1 112.7 338.0



#70
Styrene
Concen: 4.505 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.01 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

Tgt Ion:104 Resp: 41794
Ion Ratio Lower Upper
104 100
78 337.5 44.1 66.1#
103 268.0 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

40741

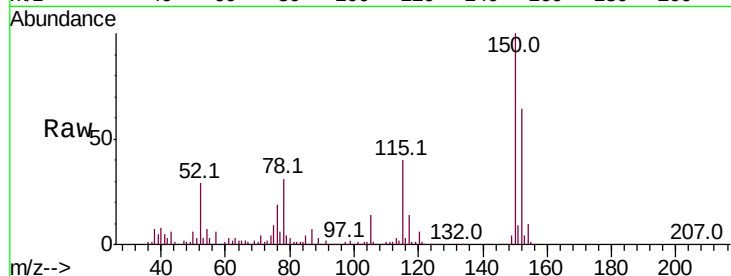
Tot Ion:152 Resp: 218556

Ion Ratio Lower Upper

152 100

115 61.7 31.3 93.8

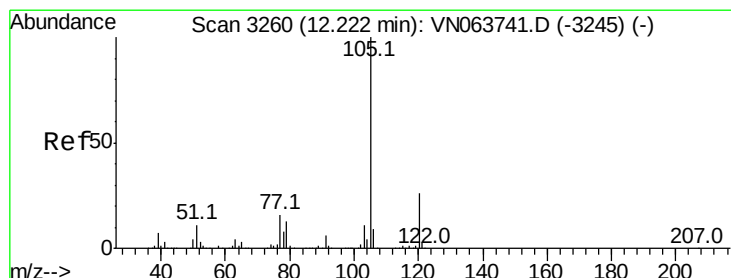
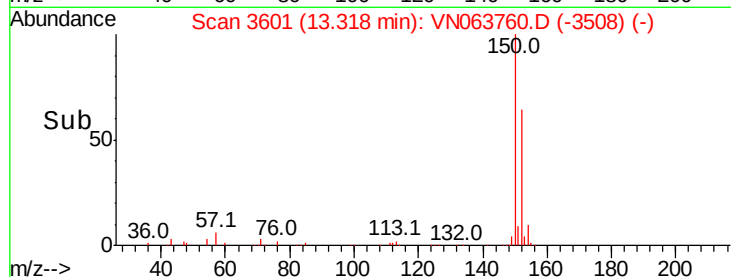
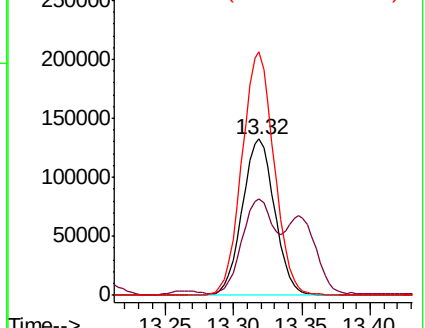
150 154.9 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 11.896 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063760.D

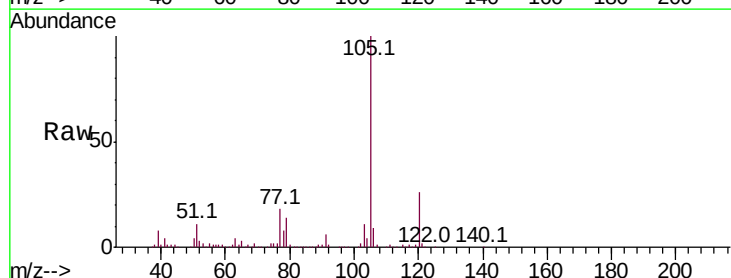
Acq: 30 Sep 2020 19:31

Tgt Ion:105 Resp: 189630

Ion Ratio Lower Upper

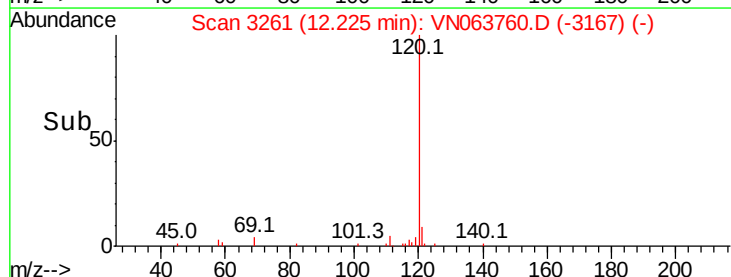
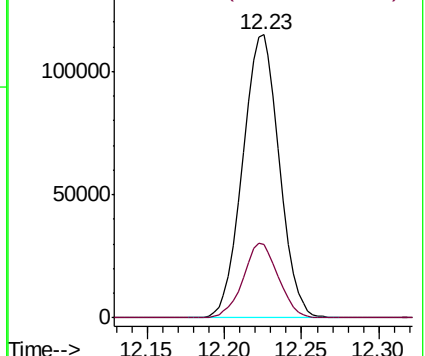
105 100

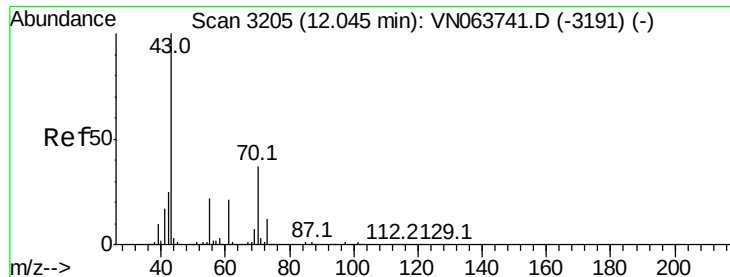
120 25.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 15.555 ug/l

RT: 12.00 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Instrument :

MSVOA_N

ClientSampled :

40741

Tot Ion: 43 Resp: 103414

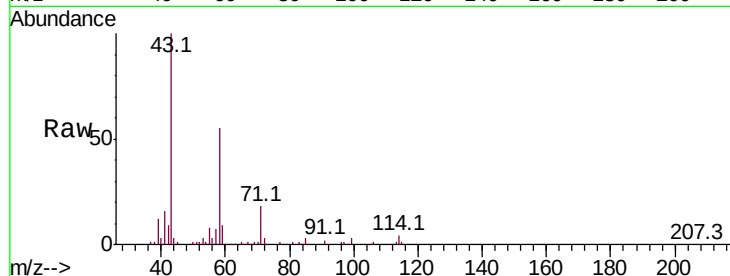
Ion Ratio Lower Upper

43 100

70 0.6 29.8 44.8#

55 6.3 17.9 26.9#

61 0.0 17.0 25.4#

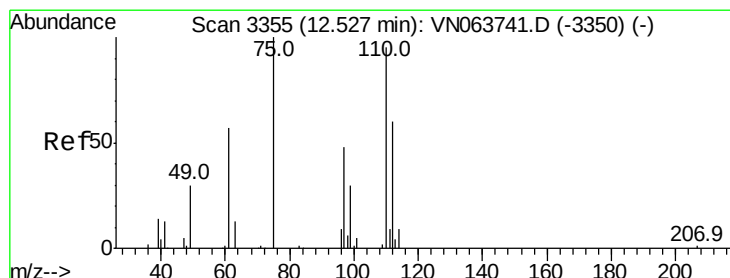
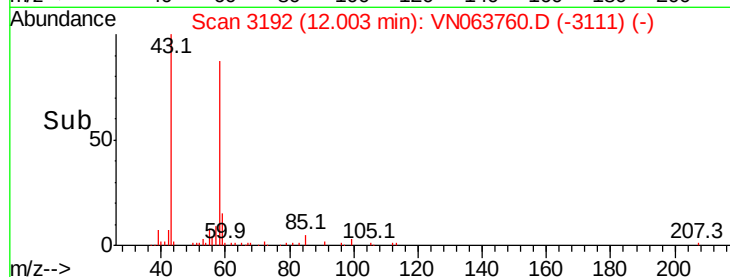
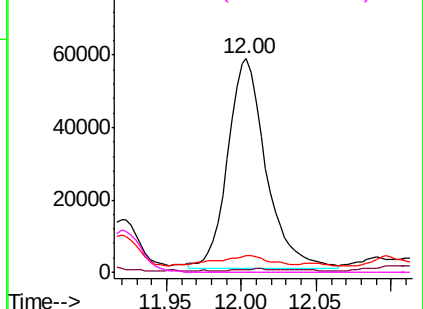


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 1.189 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.04 min

Lab File: VN063760.D

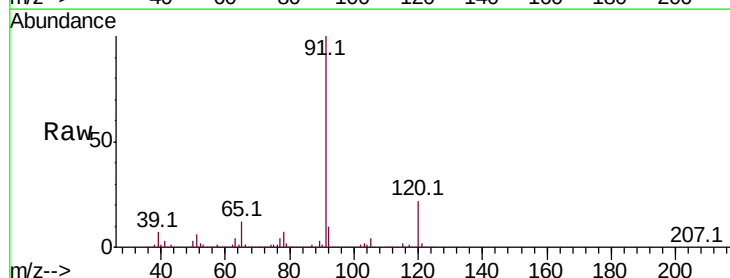
Acq: 30 Sep 2020 19:31

Tgt Ion: 75 Resp: 5726

Ion Ratio Lower Upper

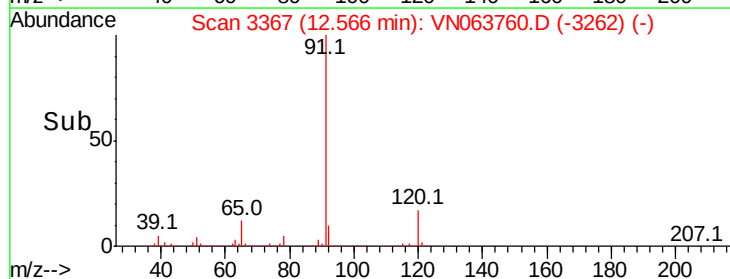
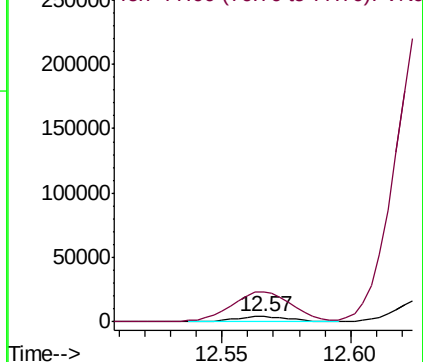
75 100

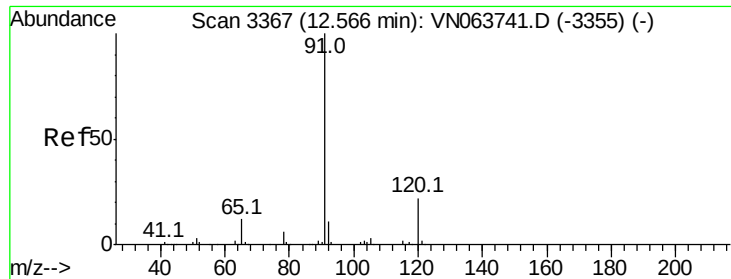
77 663.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 46.970 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Instrument :

MSVOA_N

ClientSampled :

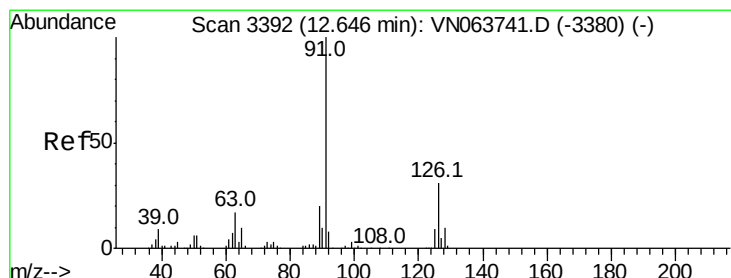
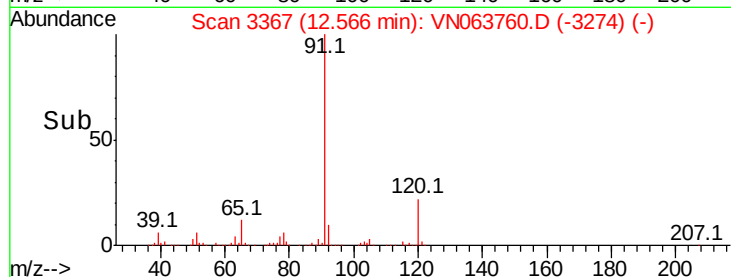
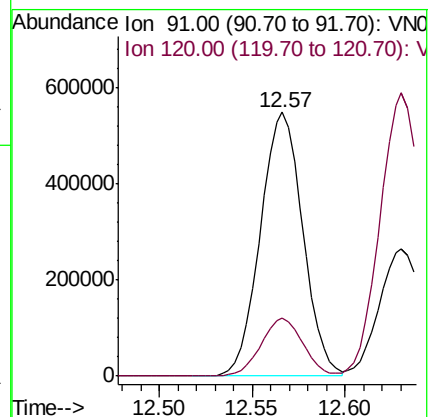
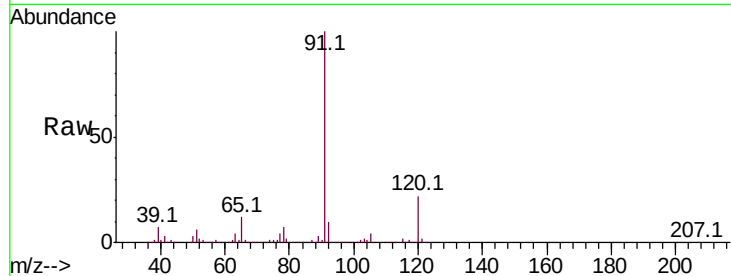
40741

Tot Ion: 91 Resp: 871411

Ion Ratio Lower Upper

91 100

120 21.7 11.1 33.1



#79

2-Chlorotoluene

Concen: 36.352 ug/l

RT: 12.63 min Scan# 3387

Delta R.T. -0.02 min

Lab File: VN063760.D

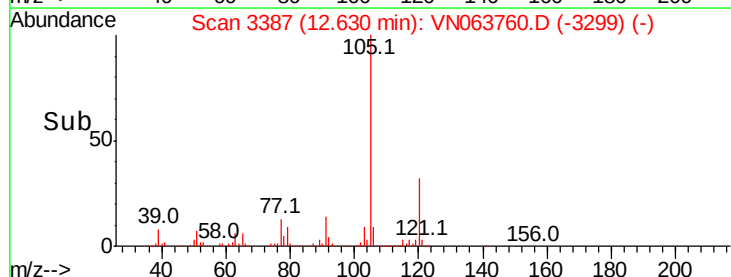
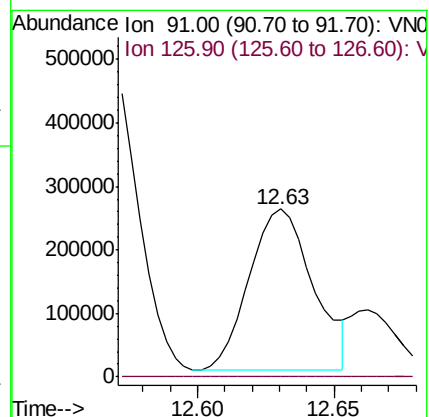
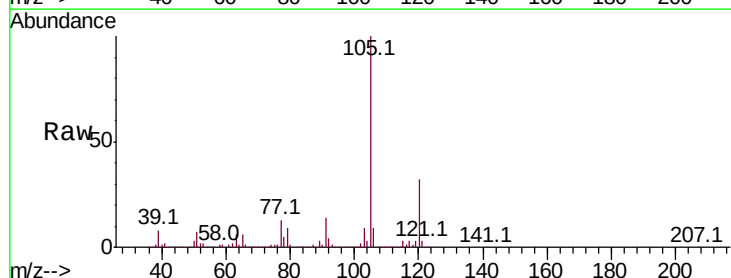
Acq: 30 Sep 2020 19:31

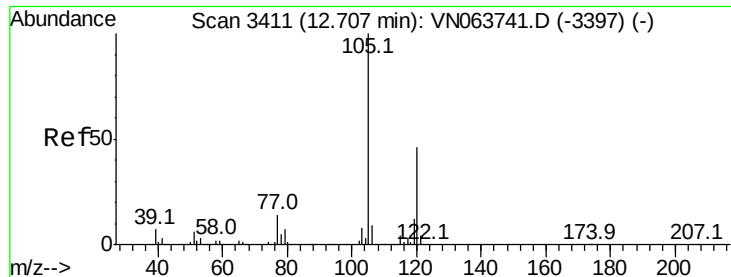
Tgt Ion: 91 Resp: 414778

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#

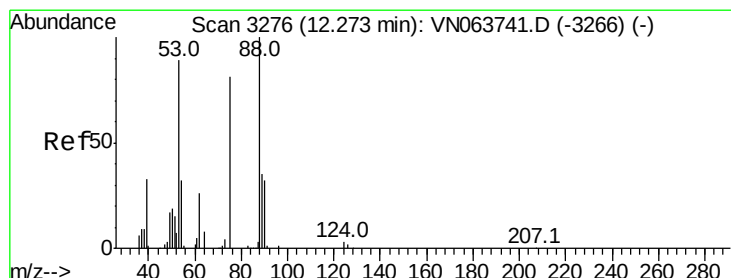
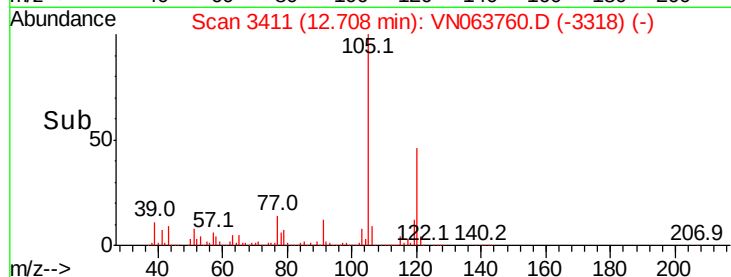
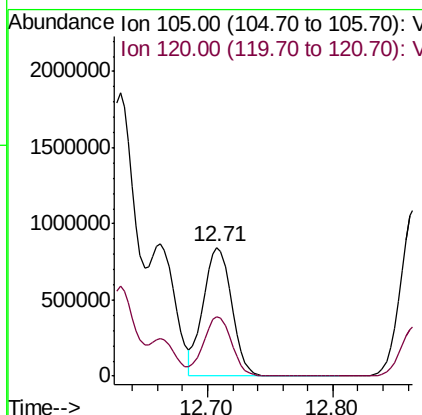
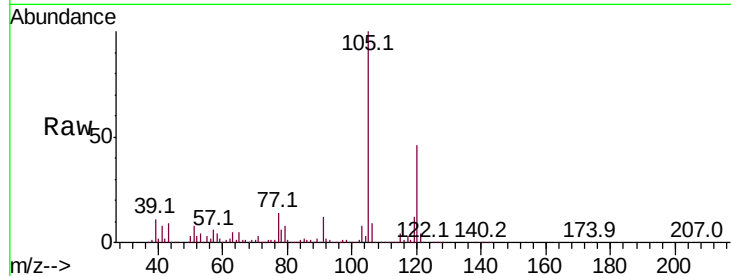




#80
 1,3,5-Trimethylbenzene
 Concen: 99.562 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

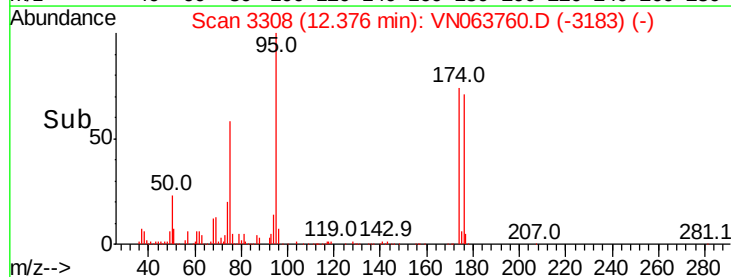
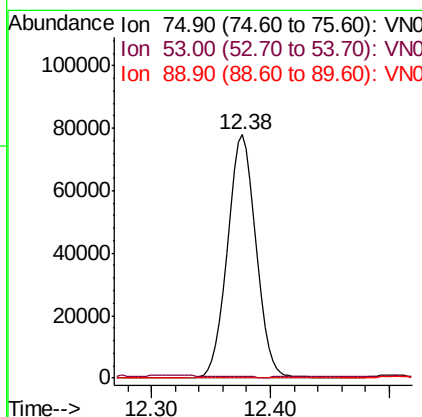
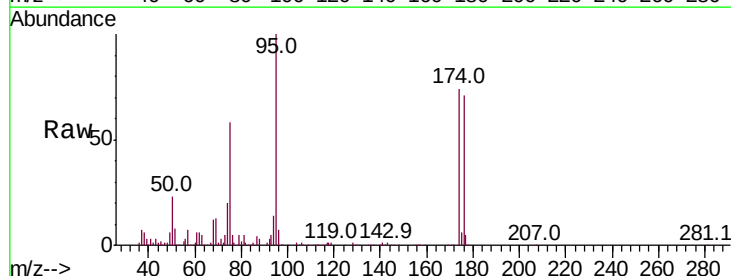
Instrument :
 MSVOA_N
 ClientSampled :
 40741

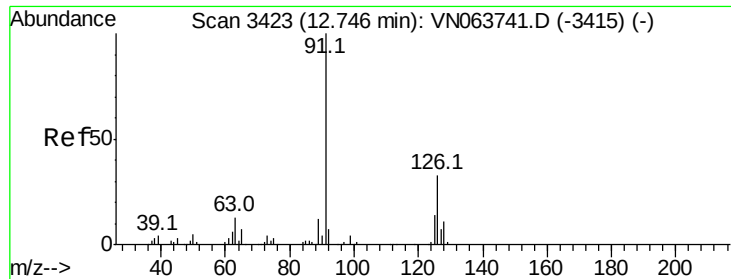
Tot Ion:105 Resp: 1331540
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.594 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

Tgt Ion: 75 Resp: 129797
 Ion Ratio Lower Upper
 75 100
 53 0.3 88.2 132.2#
 89 0.0 36.0 54.0#





#82

4-Chlorotoluene

Concen: 13.040 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Instrument :

MSVOA_N

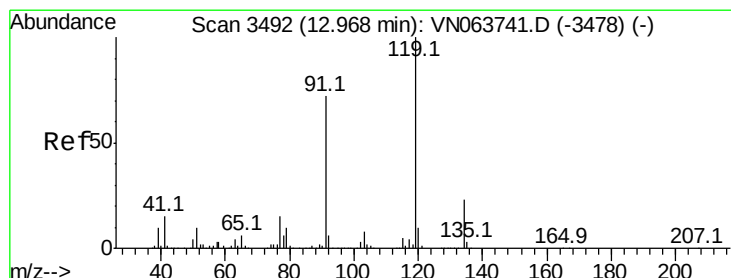
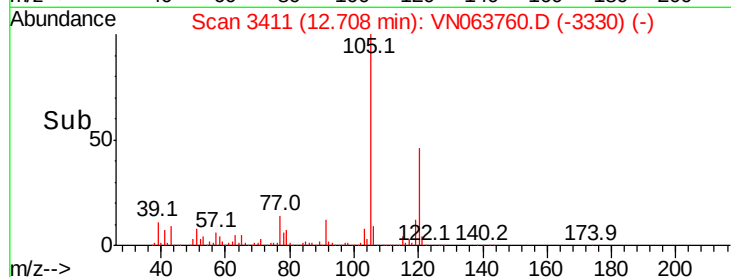
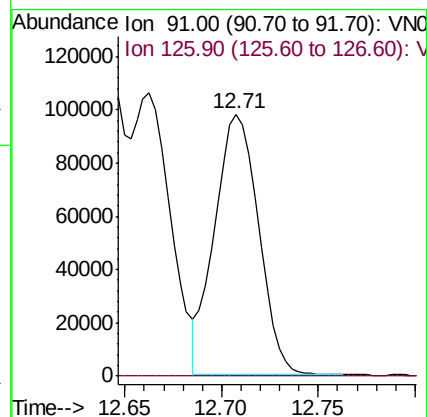
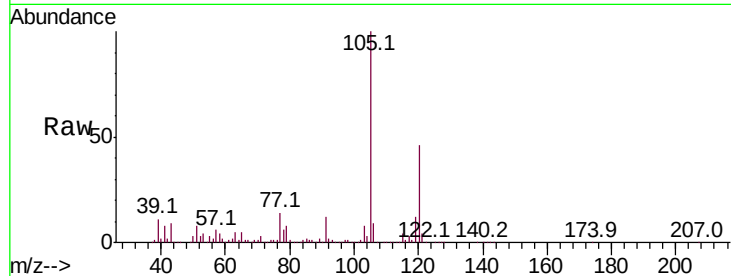
ClientSampleId :
40741

Tot Ion: 91 Resp: 154456

Ion Ratio Lower Upper

91 100

126 0.1 15.4 46.2#



#83

tert-Butylbenzene

Concen: 69.459 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.05 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

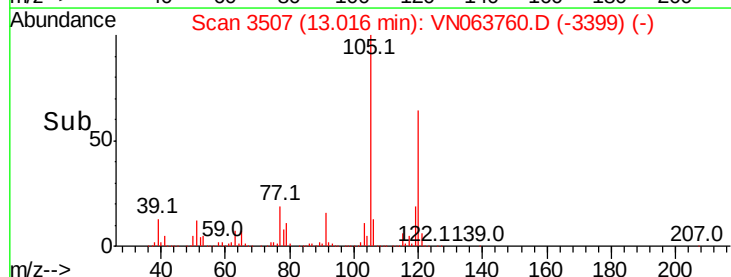
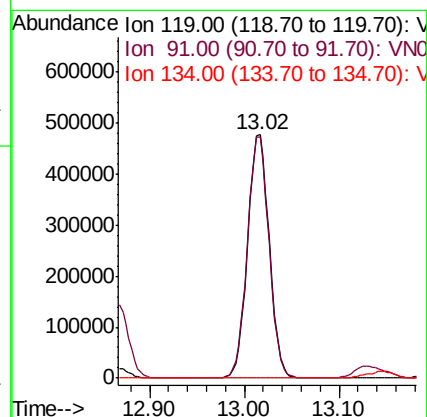
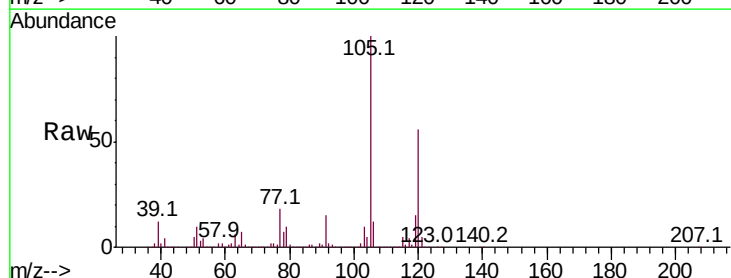
Tgt Ion: 119 Resp: 759855

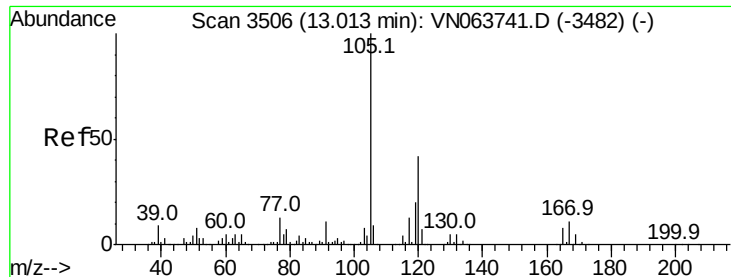
Ion Ratio Lower Upper

119 100

91 98.5 35.5 106.5

134 0.0 11.7 35.1#

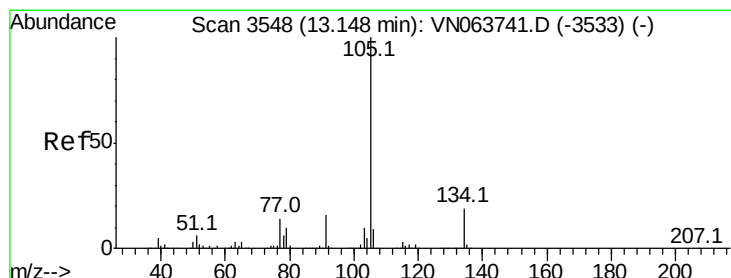
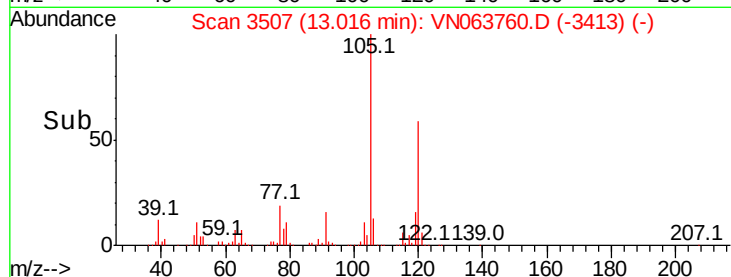
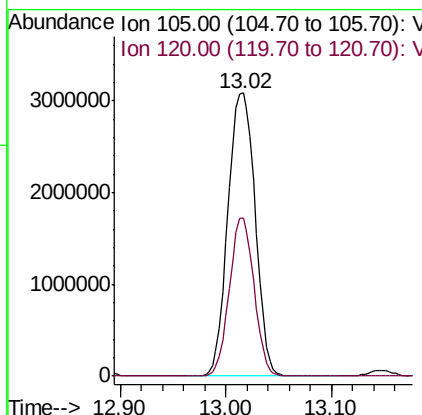
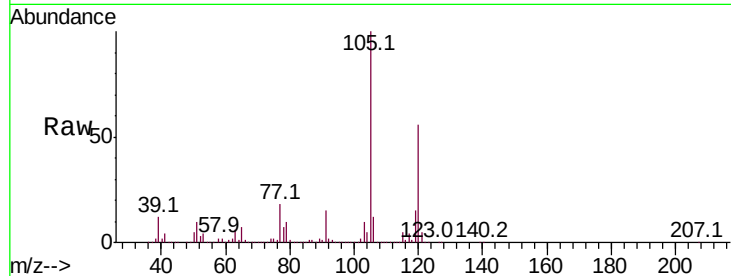




#84
 1,2,4-Trimethylbenzene
 Concen: 412.472 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

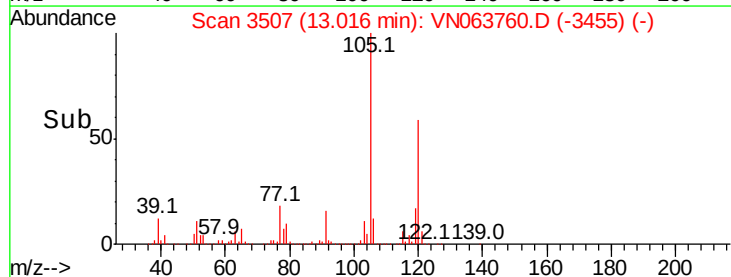
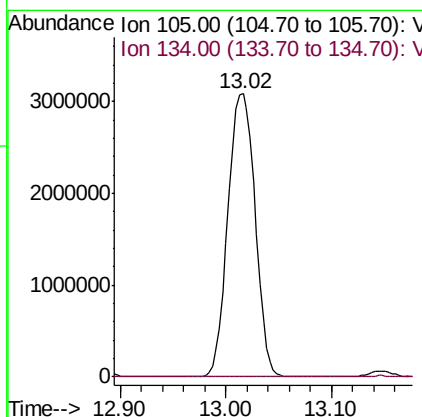
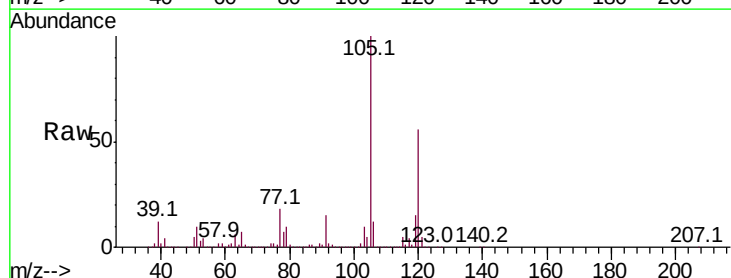
Instrument :
 MSVOA_N
 ClientSampleId :
 40741

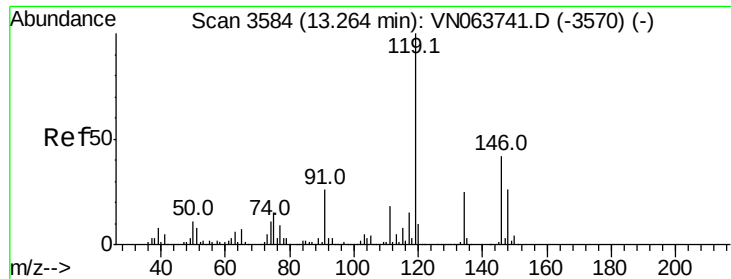
Tot Ion:105 Resp: 5507589
 Ion Ratio Lower Upper
 105 100
 120 50.5 20.9 62.7



#85
 sec-Butylbenzene
 Concen: 383.309 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.13 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

Tgt Ion:105 Resp: 5507589
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.5 28.5#

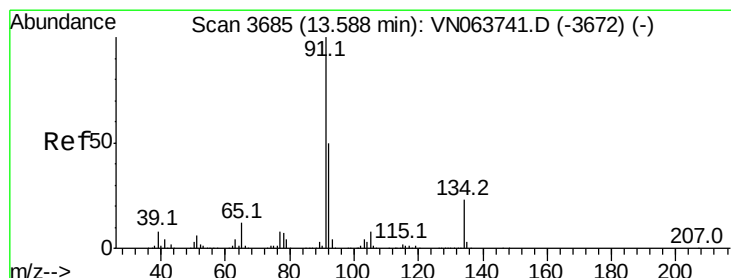
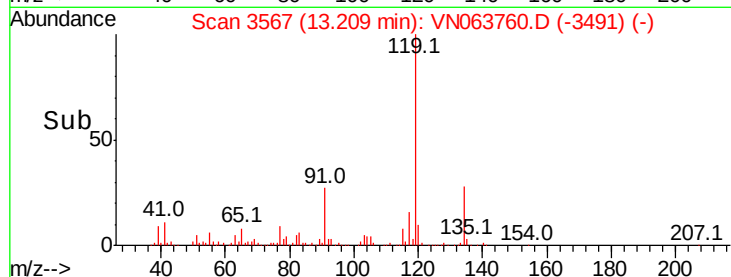
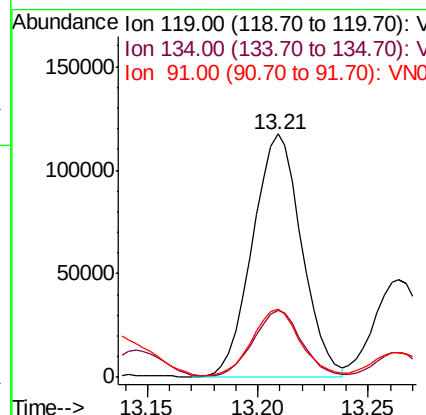
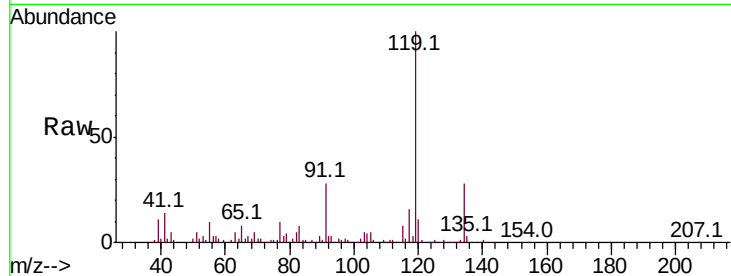




#86
 p-Isopropyltoluene
 Concen: 14.295 ug/l
 RT: 13.21 min Scan# 3567
 Delta R.T. -0.05 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

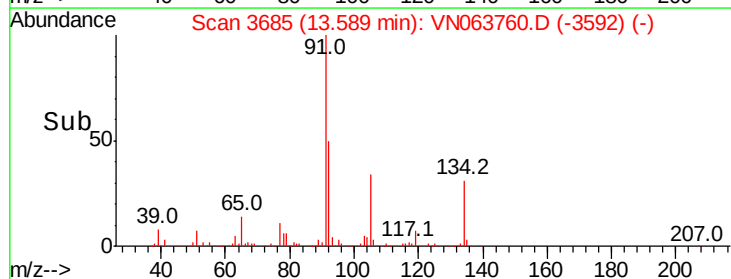
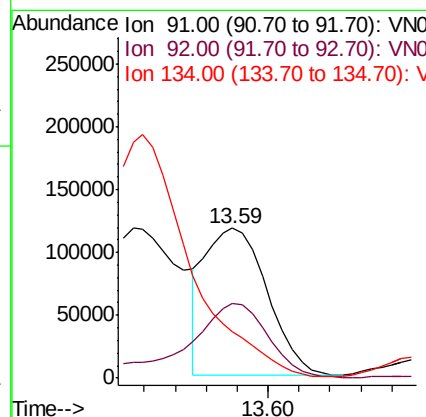
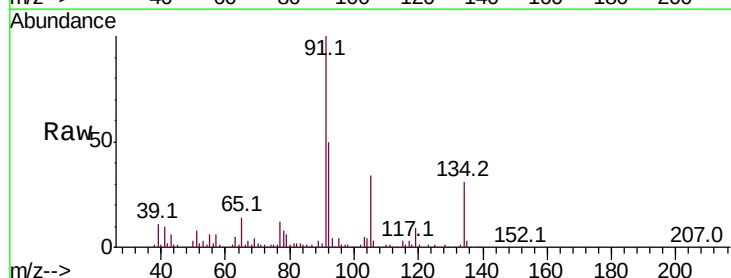
Instrument :
 MSVOA_N
 ClientSampleId :
 40741

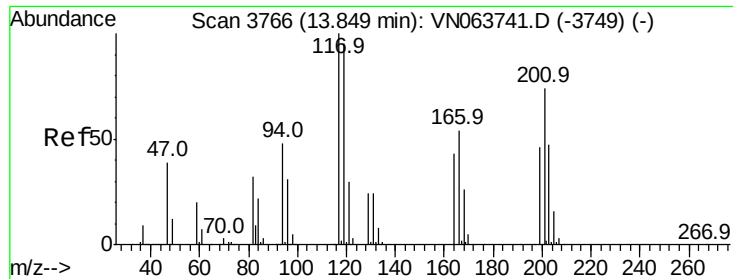
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	12.6	37.8
91	26.4	13.4	40.2



#89
 n-Butylbenzene
 Concen: 13.806 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
91	100		
92	66.8	25.4	76.4
134	0.0	11.7	35.1#

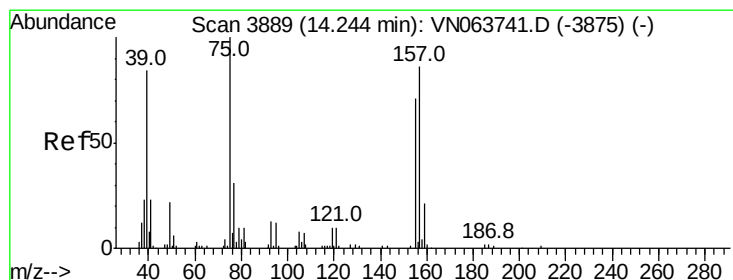
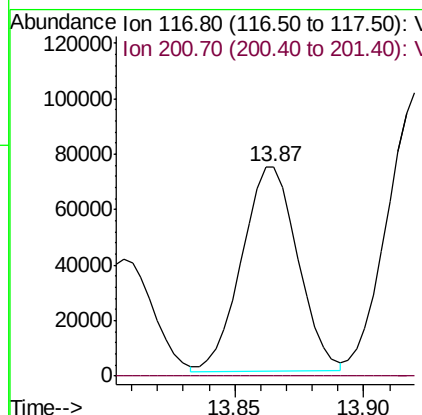
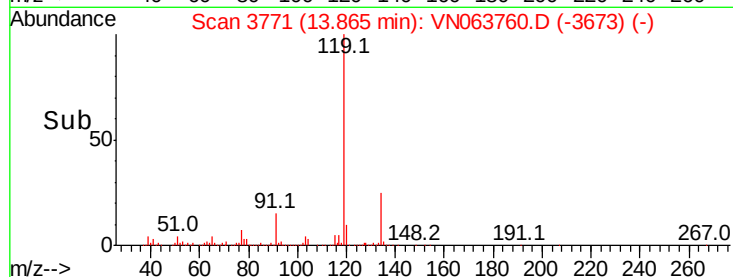
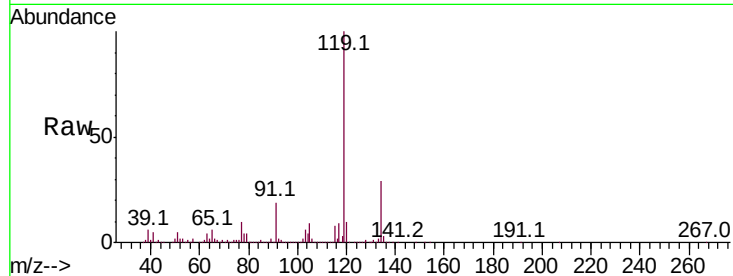




#90
Hexachloroethane
Concen: 45.494 ug/l
RT: 13.87 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

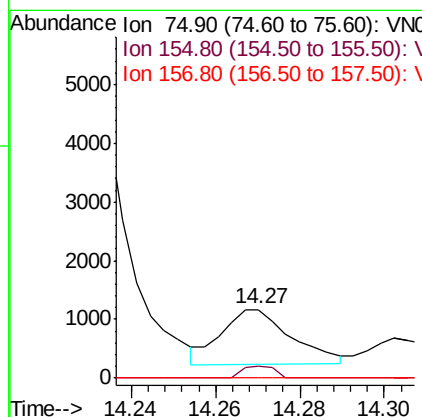
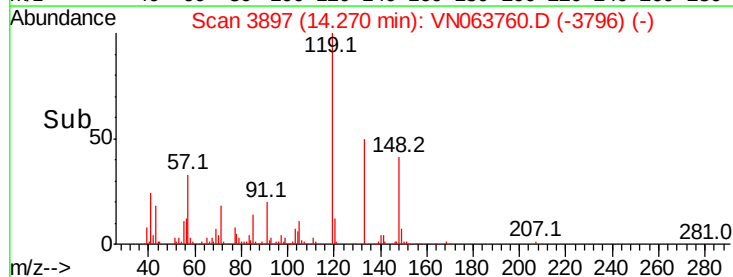
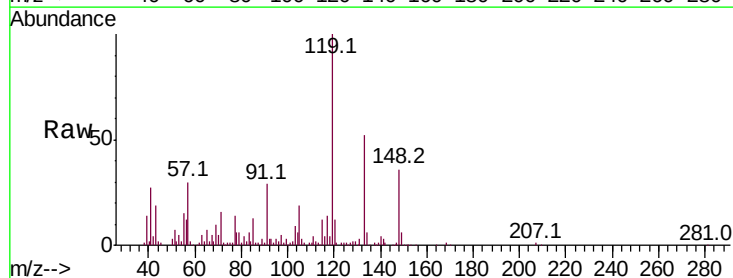
Instrument :
MSVOA_N
ClientSampled :
40741

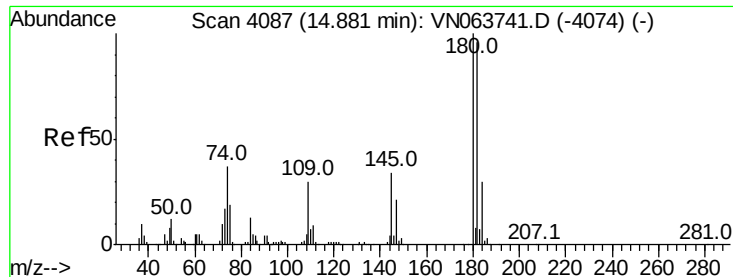
Tot Ion:117 Resp: 112057
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.940 ug/l
RT: 14.27 min Scan# 3897
Delta R.T. 0.03 min
Lab File: VN063760.D
Acq: 30 Sep 2020 19:31

Tgt Ion: 75 Resp: 1075
Ion Ratio Lower Upper
75 100
155 10.0 34.8 104.5#
157 0.0 43.7 131.1#





#93

1,2,4-Trichlorobenzene

Concen: 1.859 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

40741

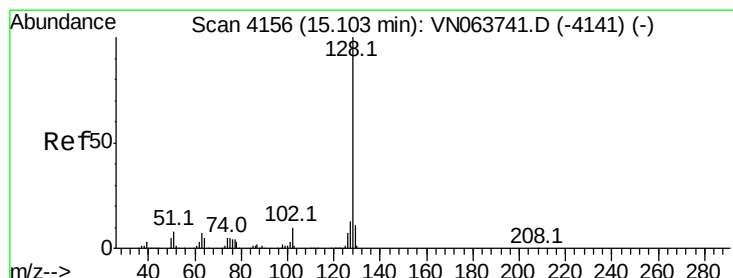
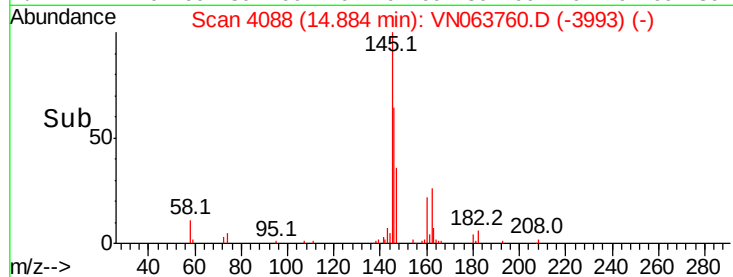
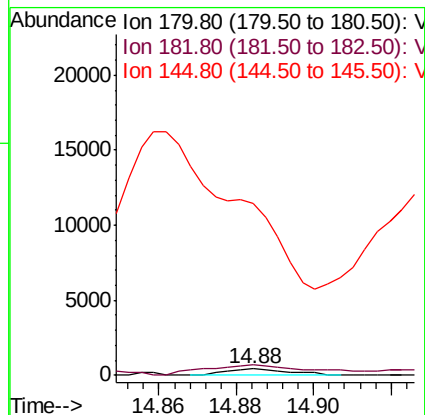
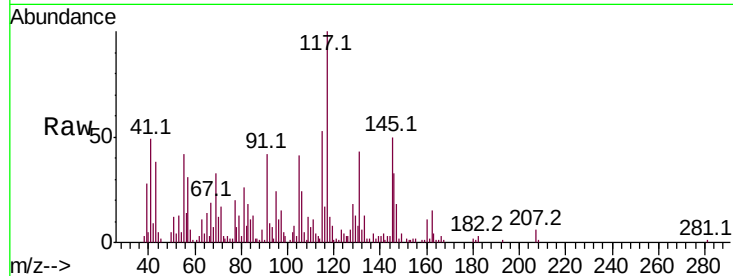
Tot Ion:180 Resp: 485

Ion Ratio Lower Upper

180 100

182 266.6 48.2 144.6#

145 0.0 17.1 51.2#



#95

Naphthalene

Concen: 325.945 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063760.D

Acq: 30 Sep 2020 19:31

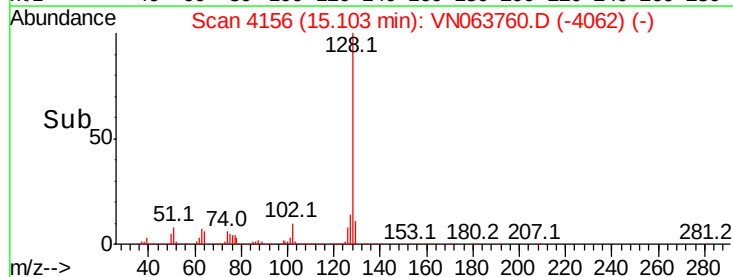
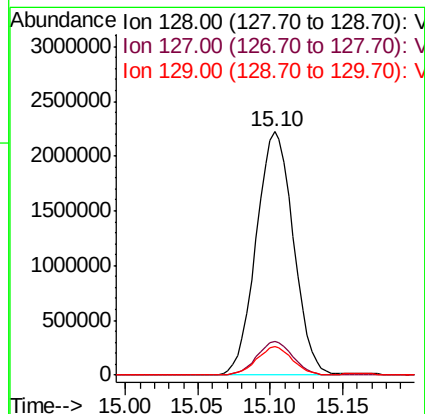
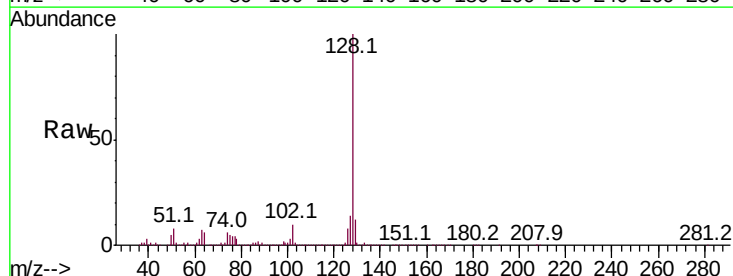
Tgt Ion:128 Resp: 3974075

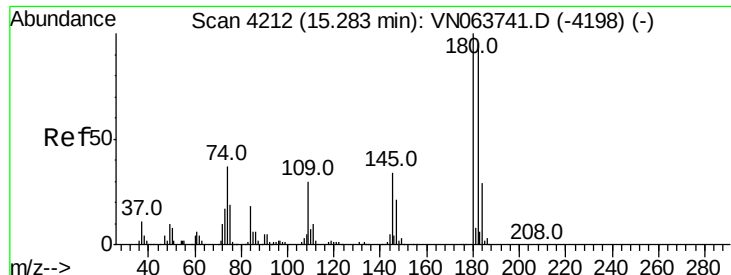
Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.027 ug/l
 RT: 15.26 min Scan# 4204
 Delta R.T. -0.02 min
 Lab File: VN063760.D
 Acq: 30 Sep 2020 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 40741

Tot Ion	Ratio	Lower	Upper
180	100		
182	3.5	47.9	143.6#
145	628.4	17.2	51.5#

