

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063977.D
 Acq On : 8 Oct 2020 6:29
 Operator : JC/MD
 Sample : L4278-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW1

Quant Time: Oct 08 06:52:27 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	259194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	460723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	471004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	211449	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	7.55	113	153975	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.06	98	581283	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.38	95	234414	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.74	59	24741	52.334	ug/l	97
13) Acrolein	3.52	56	2017	6.952	ug/l #	1
16) Acetone	3.78	43	27247	20.671	ug/l	95
17) Carbon Disulfide	4.02	76	6205	1.568	ug/l #	87
22) Diisopropyl ether	5.90	45	13607	1.364	ug/l	92
23) Vinyl Acetate	5.90	43	4903	0.593	ug/l #	75
25) 2-Butanone	6.79	43	2506	1.341	ug/l #	51
29) Tetrahydrofuran	7.17	42	436	0.348	ug/l #	36
31) Cyclohexane	7.61	56	87887	17.679	ug/l	96
36) 1,1-Dichloropropene	7.62	75	22235	4.764	ug/l #	52
38) Carbon Tetrachloride	7.62	117	27747	5.301	ug/l #	14
39) Methylcyclohexane	9.05	83	31205	6.704	ug/l	97
40) Benzene	8.00	78	1646142	123.475	ug/l	99
42) 1,2-Dichloroethane	8.00	62	16000	2.812	ug/l	80
43) Isopropyl Acetate	8.09	43	2444	0.320	ug/l #	64
48) Methyl methacrylate	9.14	41	1314	0.348	ug/l #	32
49) 1,4-Dioxane	9.36	88	30	0.559	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	2845	0.634	ug/l	91
52) Toluene	10.12	92	21621	2.622	ug/l	99
55) 1,1,2-Trichloroethane	10.51	97	2362	0.714	ug/l #	14
56) Ethyl methacrylate	10.40	69	1125	0.240	ug/l #	37
59) 2-Hexanone	10.77	43	786	0.236	ug/l	71
65) Chlorobenzene	11.40	112	4377	0.453	ug/l	91
67) Ethyl Benzene	11.48	91	6306	0.359	ug/l	92
68) m/p-Xylenes	11.60	106	18185	2.775	ug/l	96
69) o-Xylene	11.92	106	7658	1.250	ug/l	90
73) Isopropylbenzene	12.23	105	79969	5.369	ug/l	100
74) N-amyl acetate	12.07	43	149	2.236	ug/l #	31
76) 1,2,3-Trichloropropane	12.38	75	129162	28.695	ug/l #	100
78) n-propylbenzene	12.57	91	165832	9.567	ug/l	98
79) 2-Chlorotoluene	12.57	91	165832	15.556	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.67	105	14777	1.183	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.38	75	129162	82.646	ug/l #	6
82) 4-Chlorotoluene	12.87	91	11868	1.072	ug/l #	44

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

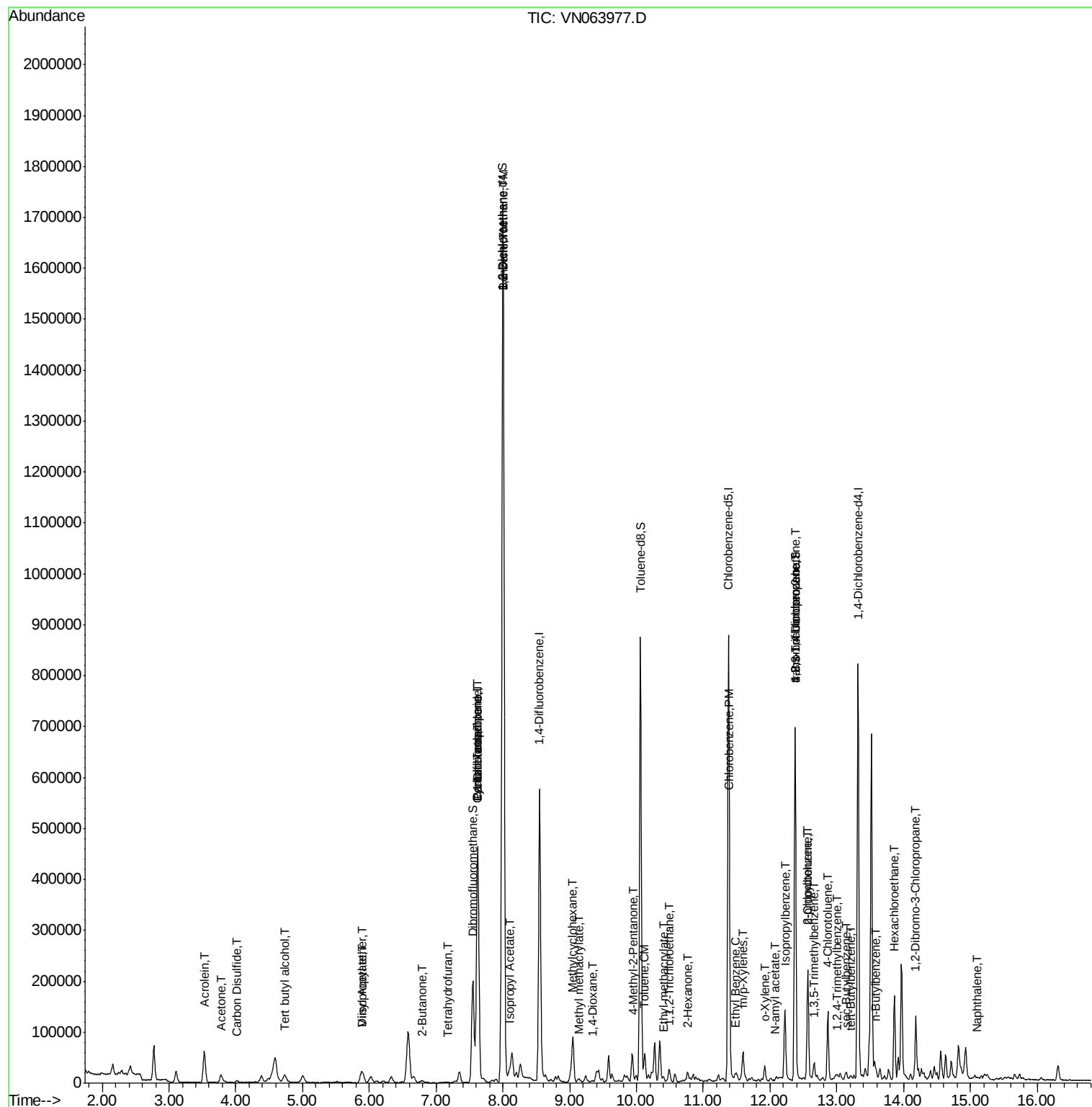
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.21	119	3280	0.321	ug/l	68
84) 1,2,4-Trimethylbenzene	13.02	105	5423	0.435	ug/l	96
85) sec-Butylbenzene	13.14	105	8171	0.609	ug/l	97
89) n-Butylbenzene	13.59	91	10542	0.962	ug/l #	70
90) Hexachloroethane	13.87	117	9964	4.330	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.18	75	409	0.383	ug/l #	10
95) Naphthalene	15.11	128	1349	2.042	ug/l #	76

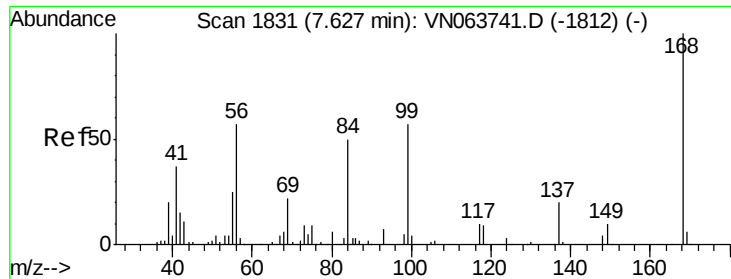
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Instrument :

MSVOA_N

ClientSampleId :

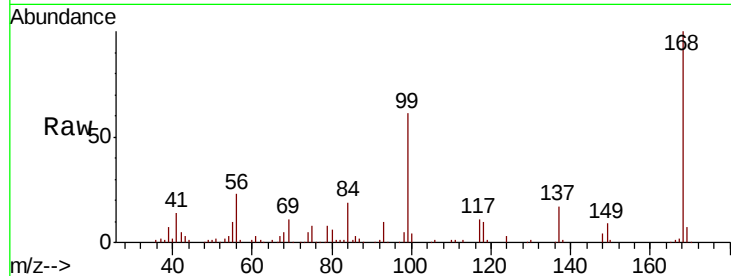
MW1

Tot Ion:168 Resp: 259194

Ion Ratio Lower Upper

168 100

99 60.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063741.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1812) (-)

7.63

120000

100000

80000

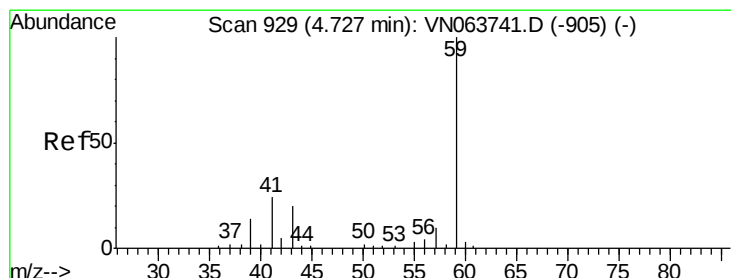
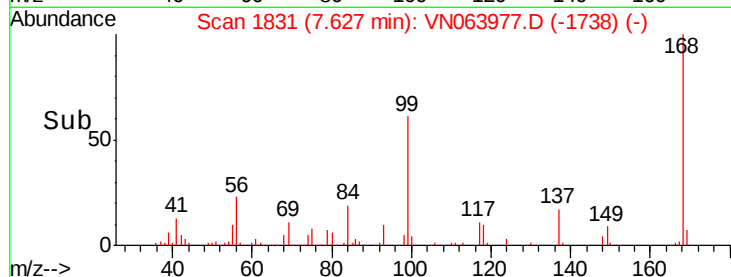
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 52.334 ug/l

RT: 4.74 min Scan# 932

Delta R.T. 0.01 min

Lab File: VN063977.D

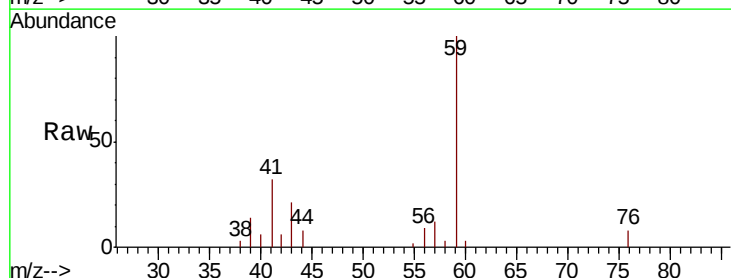
Acq: 8 Oct 2020 6:29

Tgt Ion: 59 Resp: 24741

Ion Ratio Lower Upper

59 100

57 9.6 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VN063741.D (-905) (-)

Ion 57.00 (56.70 to 57.70): VN063741.D (-905) (-)

4.74

8000

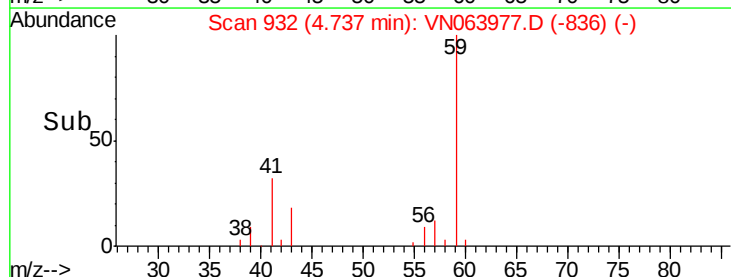
6000

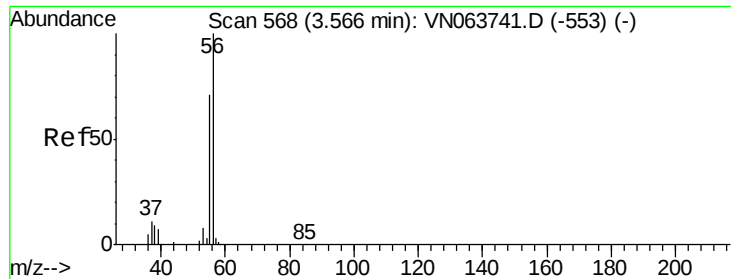
4000

2000

0

Time--> 4.60 4.70 4.80





#13

Acrolein

Concen: 6.952 ug/l

RT: 3.52 min Scan# 555

Delta R.T. -0.04 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Instrument :

MSVOA_N

ClientSampled :

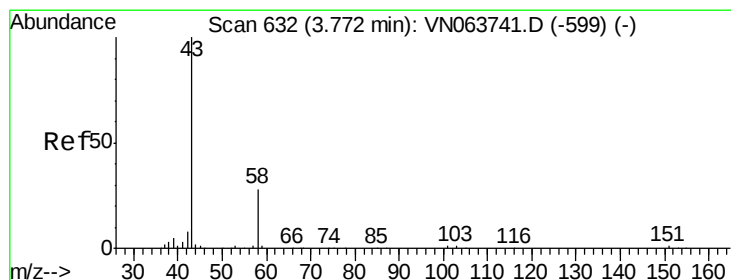
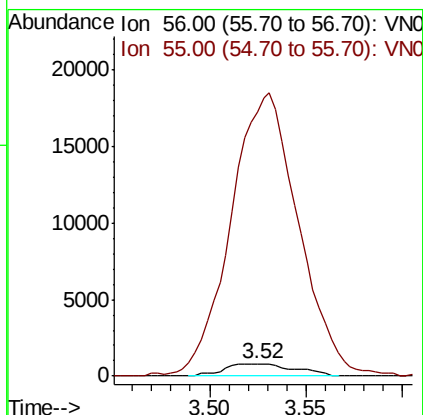
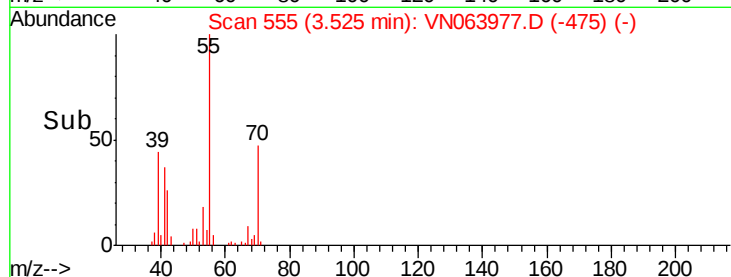
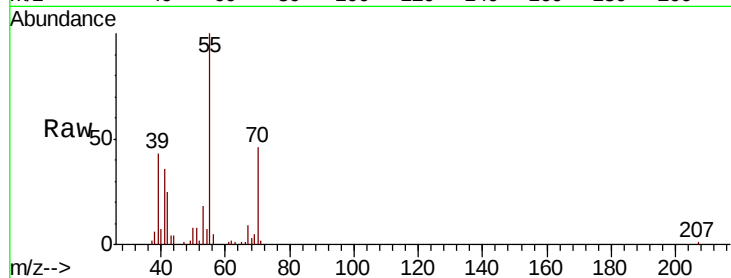
MW1

Tot Ion: 56 Resp: 2017

Ion Ratio Lower Upper

56 100

55 2243.5 56.9 85.3#



#16

Acetone

Concen: 20.671 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063977.D

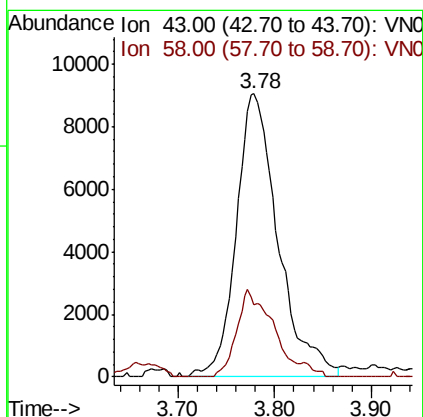
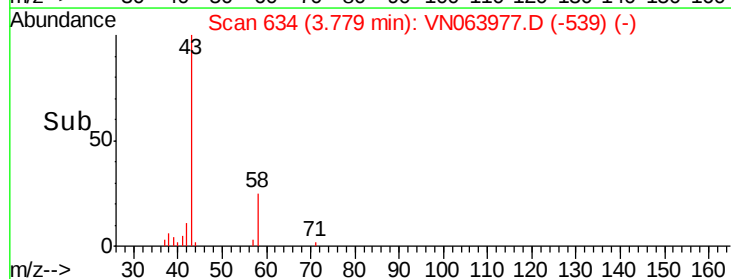
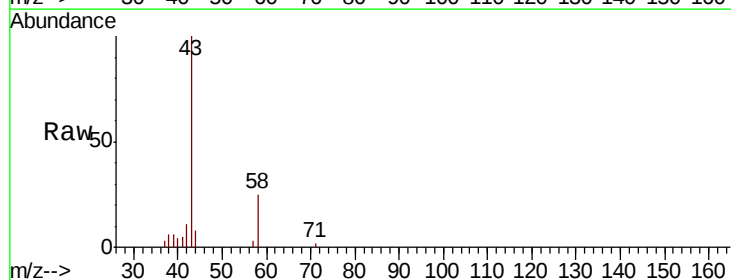
Acq: 8 Oct 2020 6:29

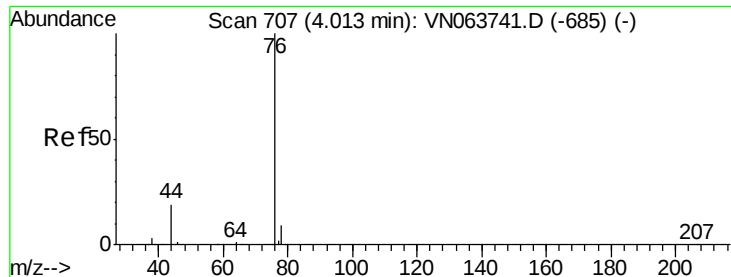
Tgt Ion: 43 Resp: 27247

Ion Ratio Lower Upper

43 100

58 25.4 22.3 33.5

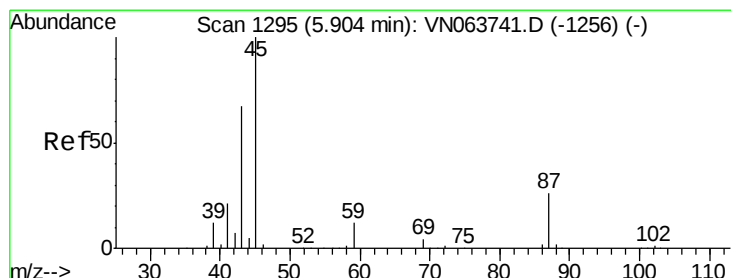
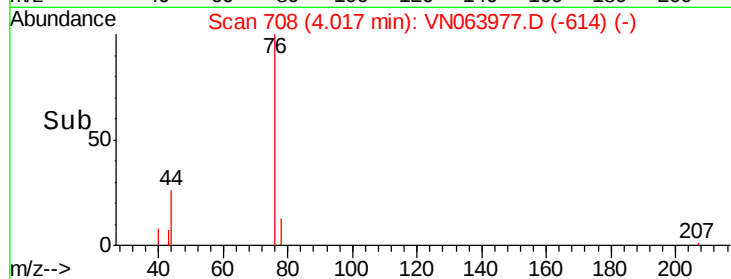
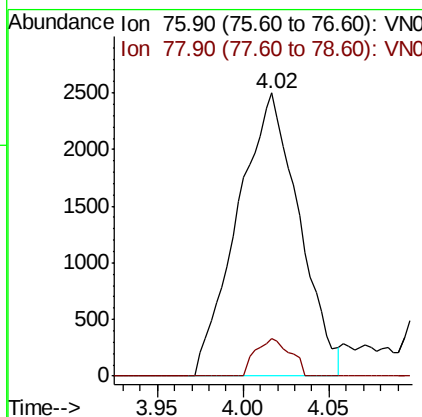
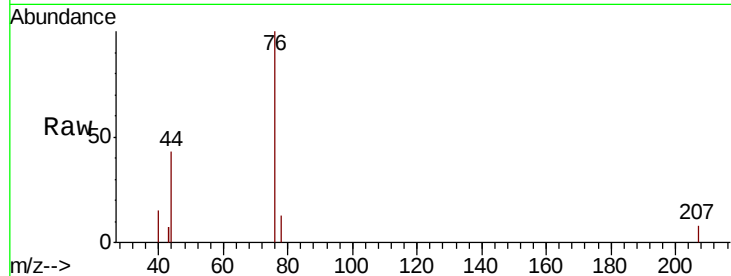




#17
Carbon Disulfide
Concen: 1.568 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

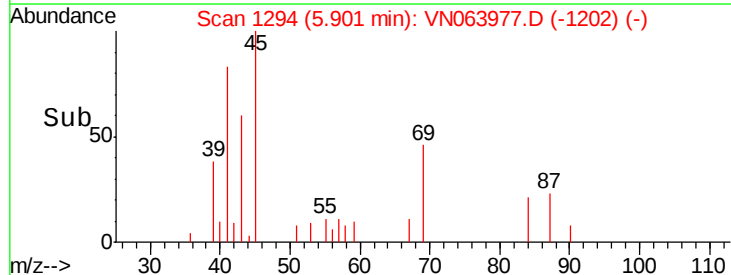
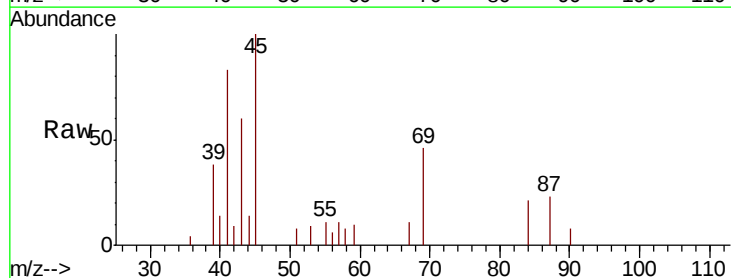
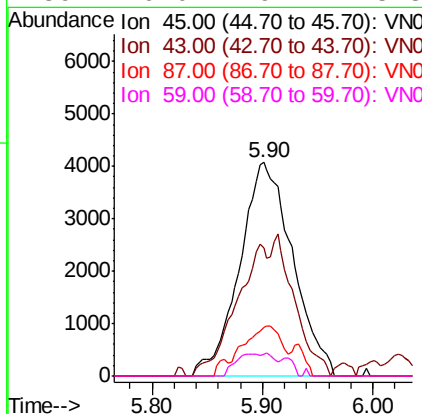
Instrument :
MSVOA_N
ClientSampled :
MW1

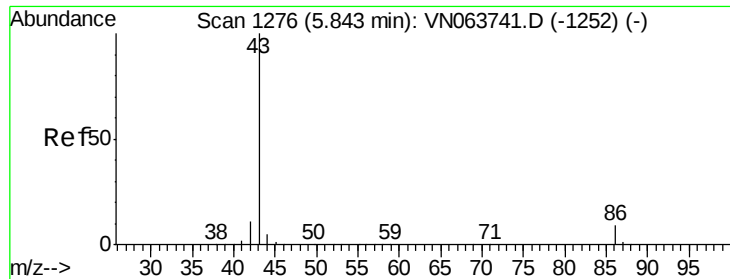
Tot Ion: 76 Resp: 6205
Ion Ratio Lower Upper
76 100
78 13.2 7.0 10.4#



#22
Diisopropyl ether
Concen: 1.364 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 45 Resp: 13607
Ion Ratio Lower Upper
45 100
43 59.7 53.7 80.5
87 22.6 21.1 31.7
59 10.0 9.2 13.8

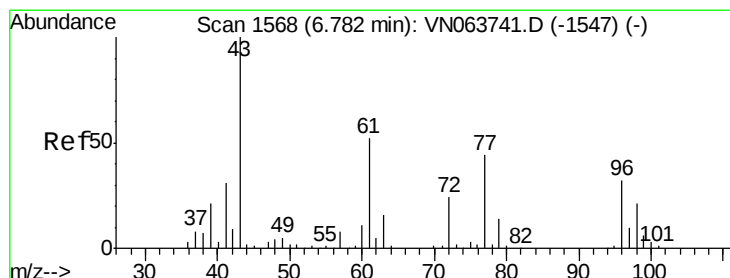
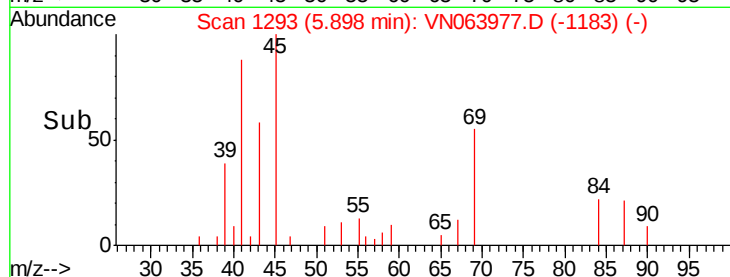
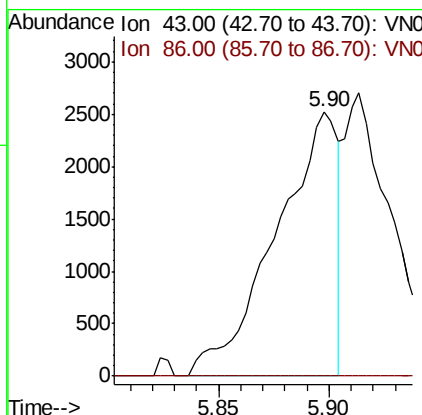
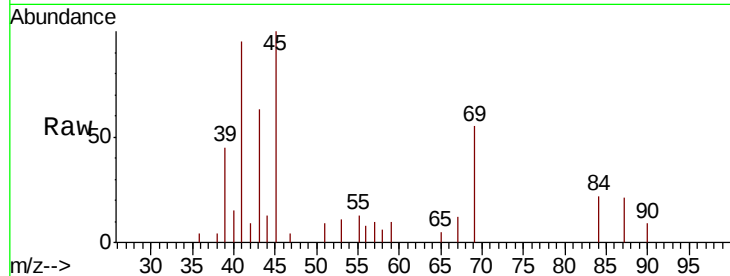




#23
 Vinyl Acetate
 Concen: 0.593 ug/l
 RT: 5.90 min Scan# 1293
 Delta R.T. 0.05 min
 Lab File: VN063977.D
 Acq: 8 Oct 2020 6:29

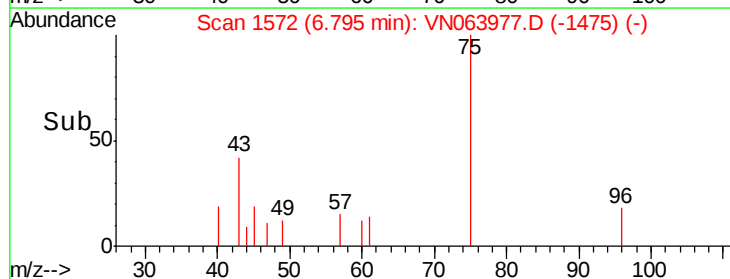
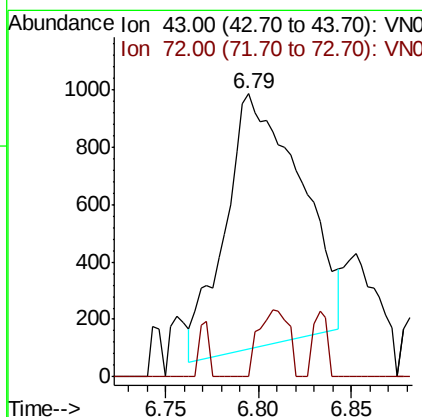
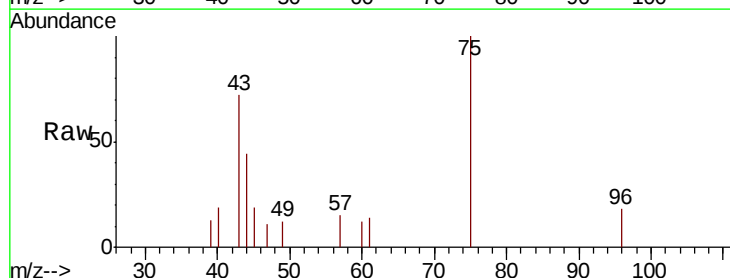
Instrument :
 MSVOA_N
 ClientSampled :
 MW1

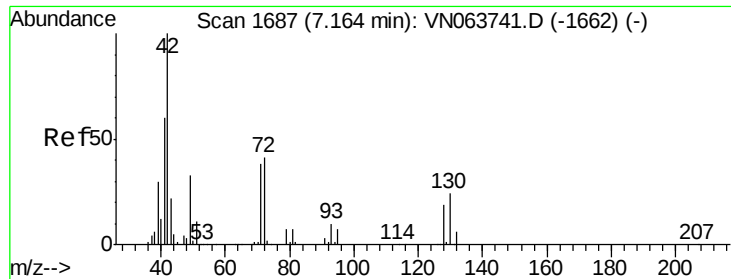
Tot Ion: 43 Resp: 4903
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.3 10.9#



#25
 2-Butanone
 Concen: 1.341 ug/l
 RT: 6.79 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VN063977.D
 Acq: 8 Oct 2020 6:29

Tgt Ion: 43 Resp: 2506
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.3 28.9#





#29

Tetrahydrofuran

Concen: 0.348 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Instrument :

MSVOA_N

ClientSampleId :

MW1

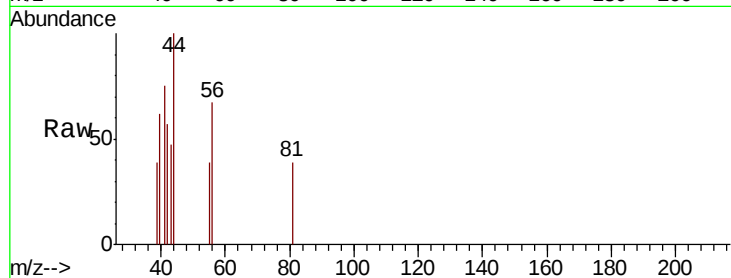
Tot Ion: 42 Resp: 436

Ion Ratio Lower Upper

42 100

72 0.0 32.8 49.2#

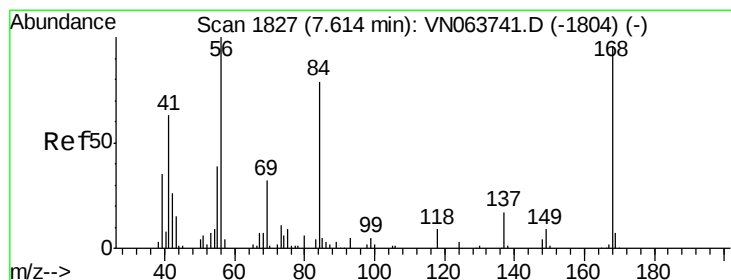
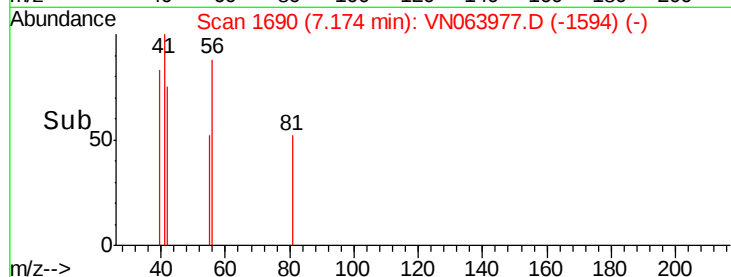
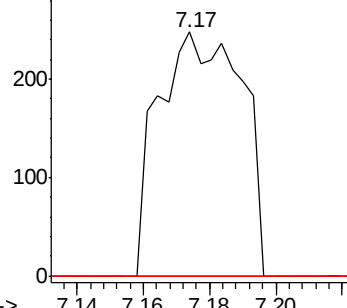
71 0.0 30.6 45.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 17.679 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

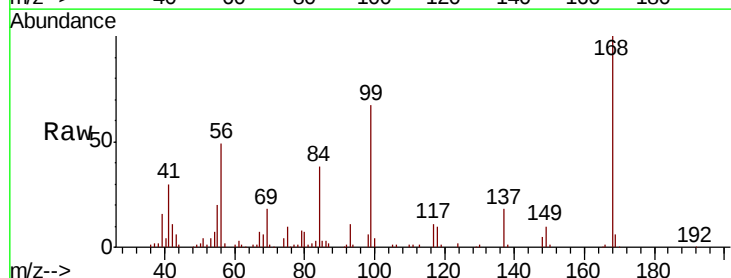
Tgt Ion: 56 Resp: 87887

Ion Ratio Lower Upper

56 100

69 37.6 25.4 38.2

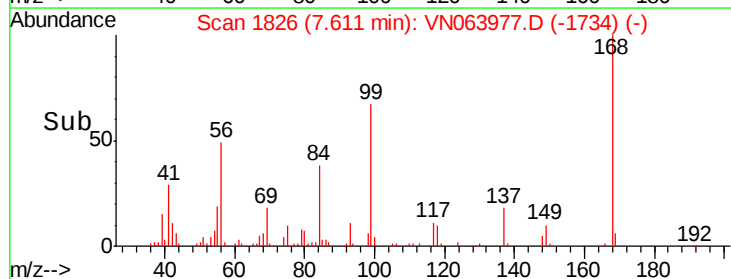
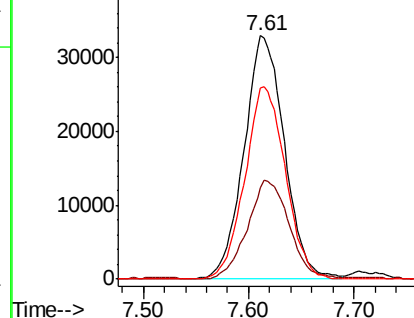
84 78.3 63.3 94.9

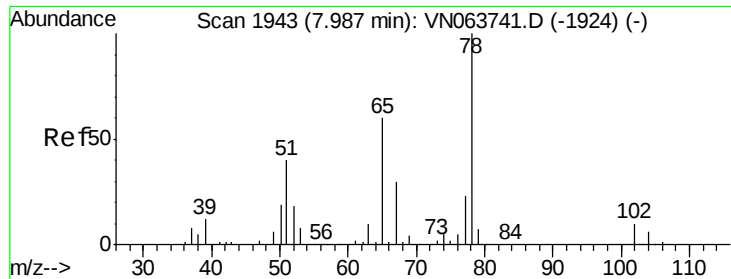


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

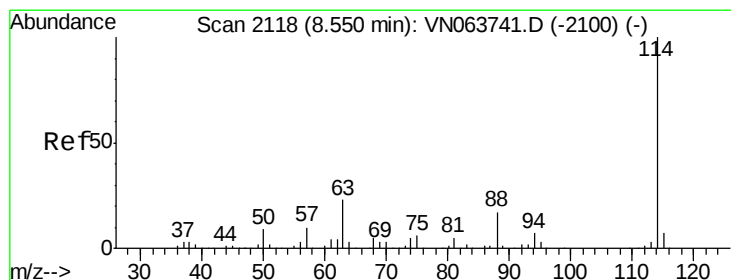
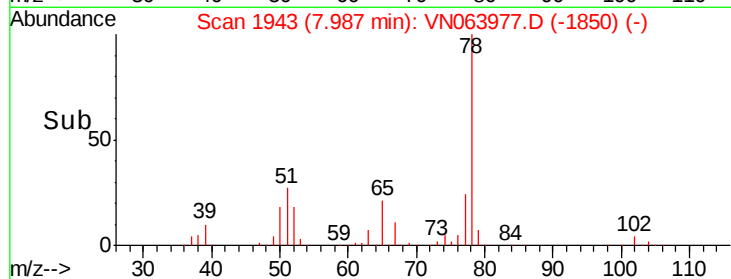
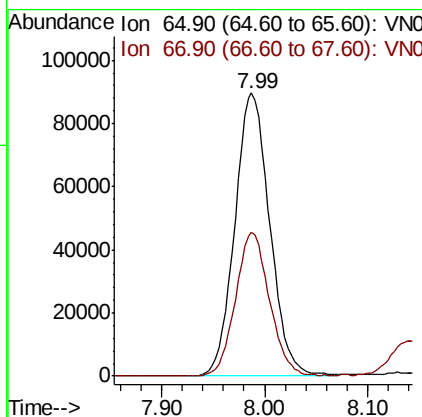
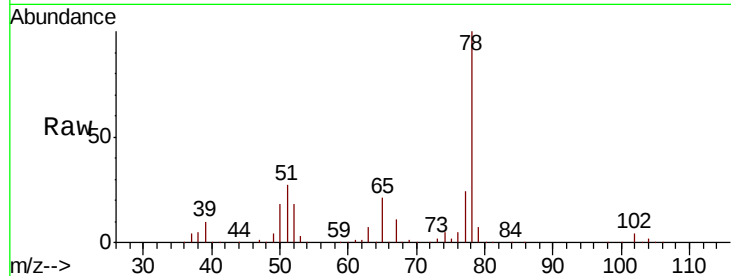




#33
 1,2-Dichloroethane-d4
 Concen: 49.380 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063977.D
 Acq: 8 Oct 2020 6:29

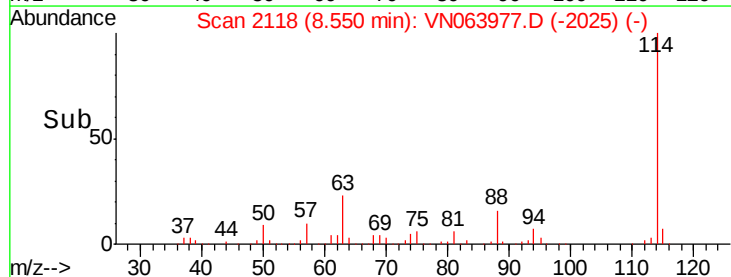
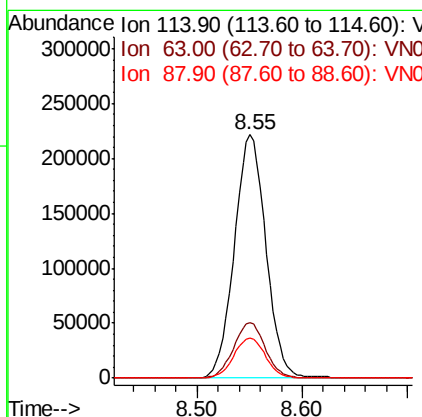
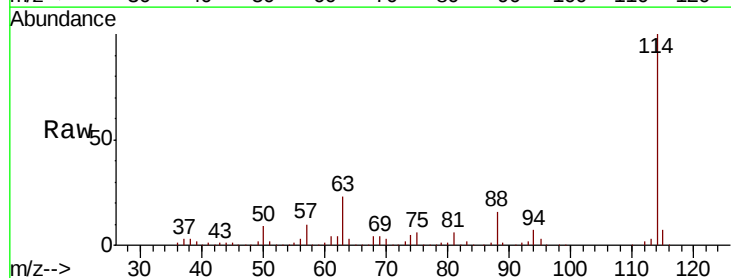
Instrument :
 MSVOA_N
 ClientSampled :
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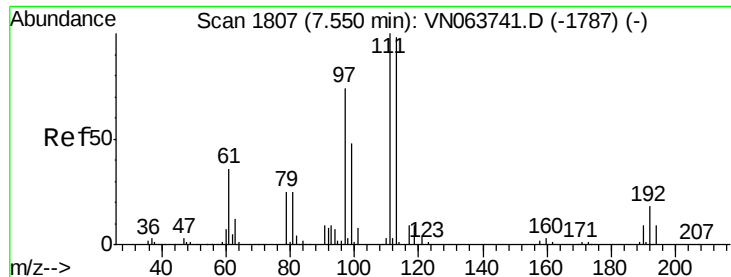
Tot Ion: 65 Resp: 211449
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063977.D
 Acq: 8 Oct 2020 6:29

Tgt Ion: 114 Resp: 460723
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.4 0.0 34.0

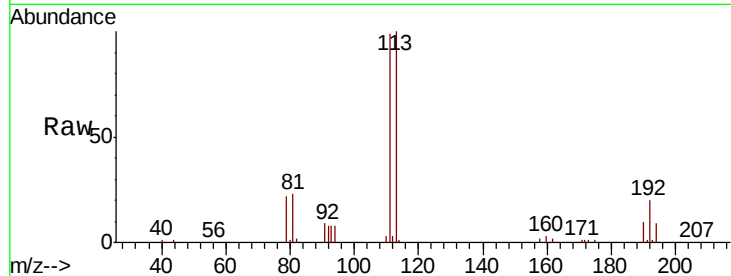




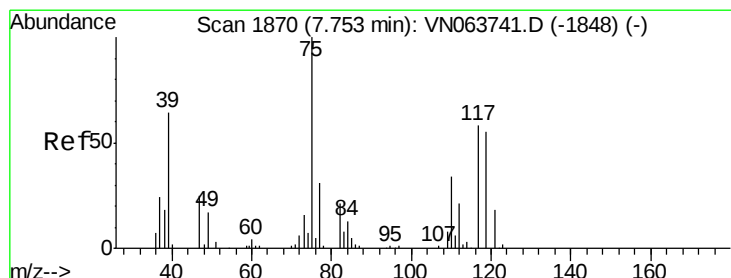
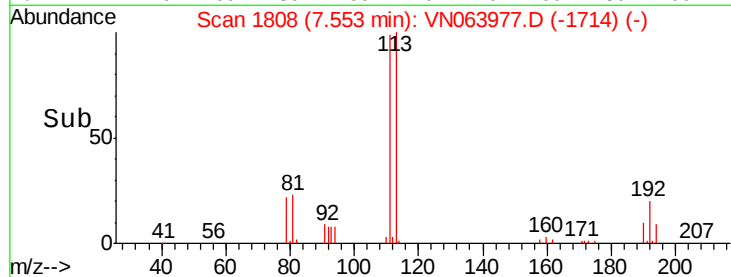
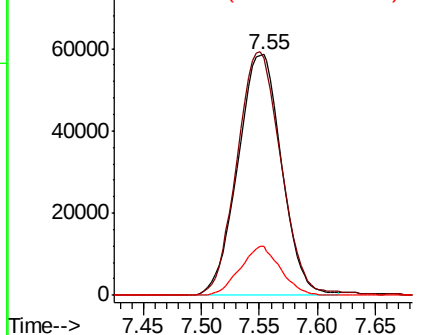
#35
 Dibromofluoromethane
 Concen: 48.165 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN063977.D
 Acq: 8 Oct 2020 6:29

Instrument :
 MSVOA_N
 ClientSampleId :
 MW1

Tot Ion:113 Resp: 153975
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.8 122.8
 192 18.8 14.2 21.2

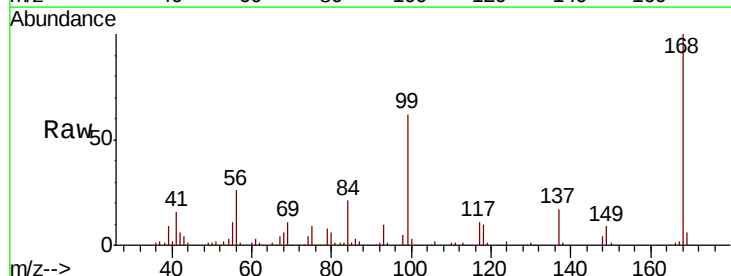


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

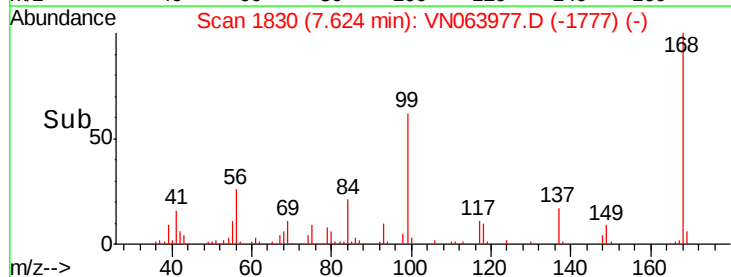
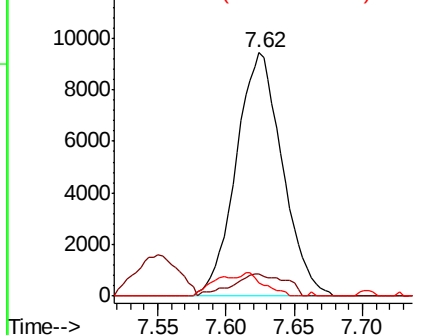


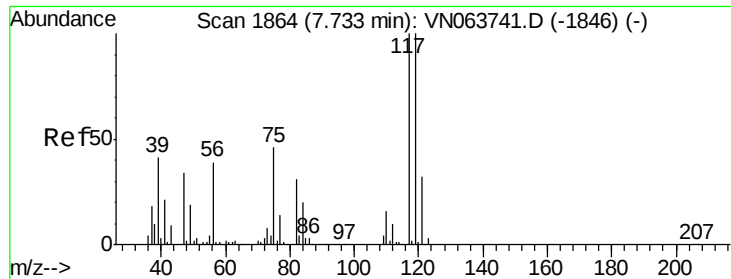
#36
 1,1-Dichloropropene
 Concen: 4.764 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063977.D
 Acq: 8 Oct 2020 6:29

Tgt Ion: 75 Resp: 22235
 Ion Ratio Lower Upper
 75 100
 110 10.0 16.9 50.6#
 77 0.0 24.5 36.7#



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

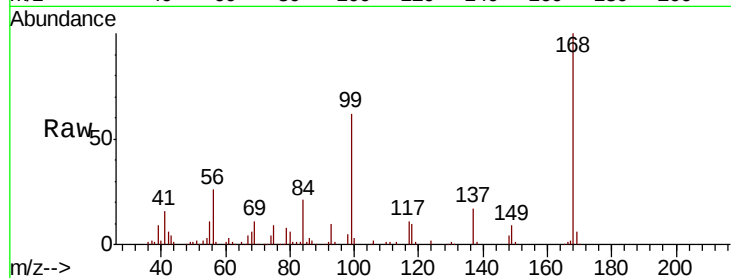




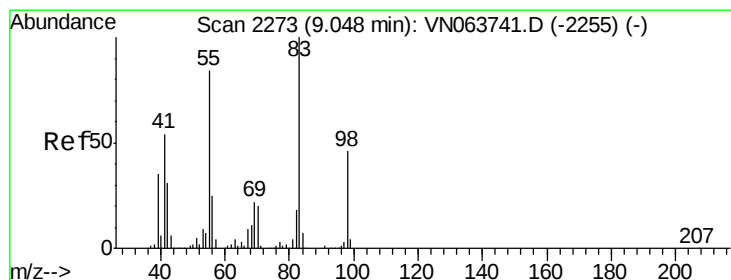
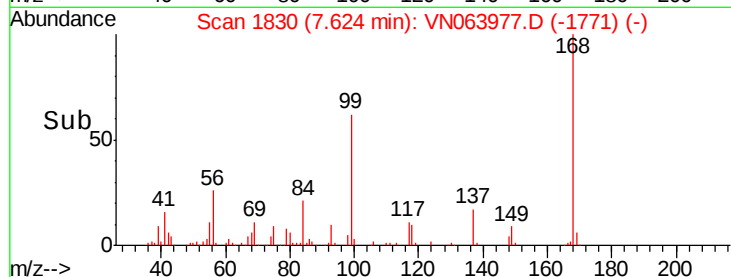
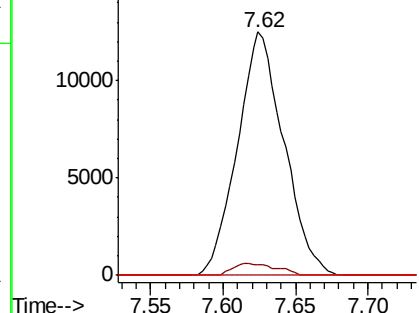
#38
Carbon Tetrachloride
Concen: 5.301 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument :
MSVOA_N
ClientSampled :
MW1

Tot Ion:117 Resp: 27747
Ion Ratio Lower Upper
117 100
119 4.6 80.1 120.1#
121 0.0 25.7 38.5#

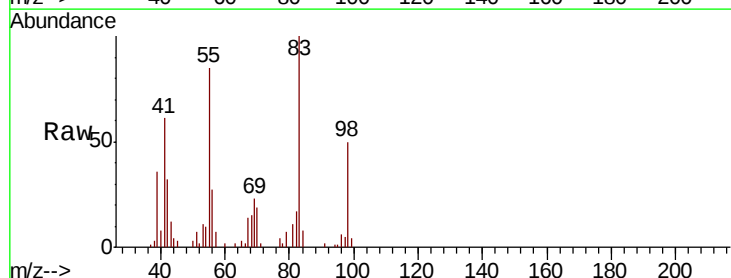


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

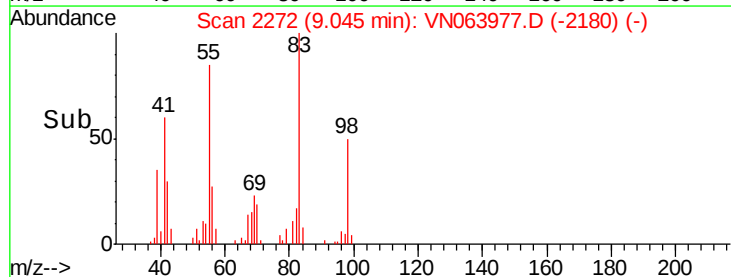
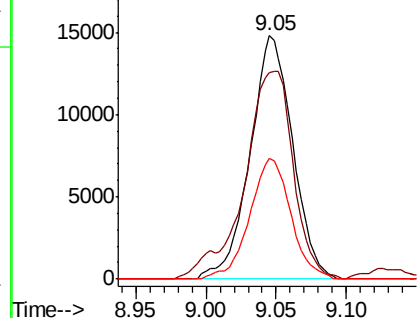


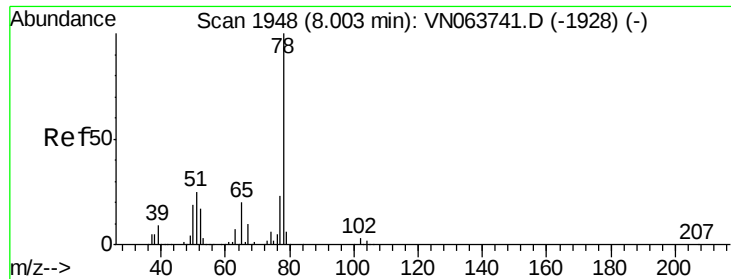
#39
Methylcyclohexane
Concen: 6.704 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 83 Resp: 31205
Ion Ratio Lower Upper
83 100
55 84.7 67.1 100.7
98 49.6 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

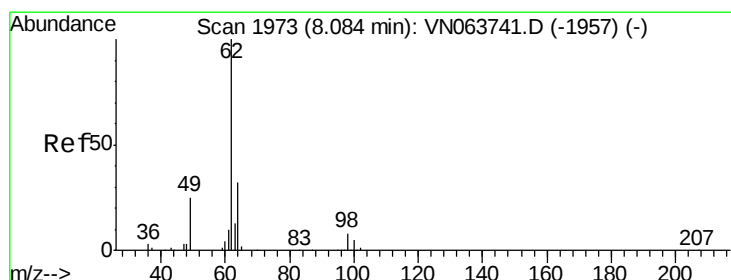
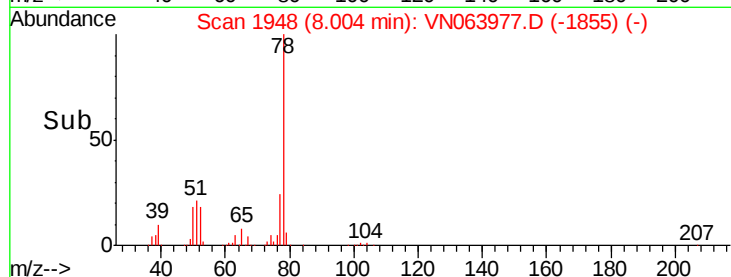
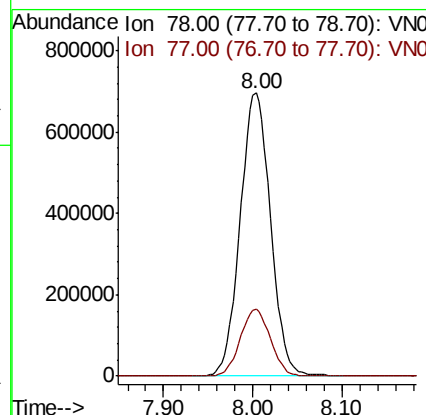
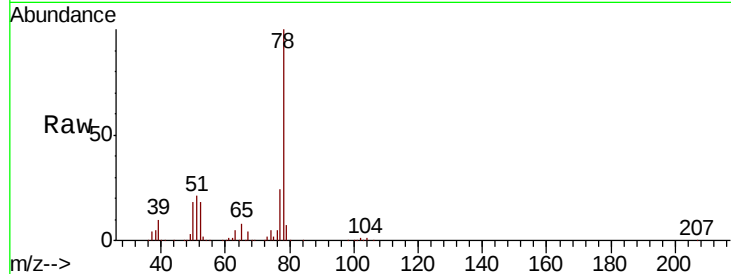




#40
Benzene
Concen: 123.475 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

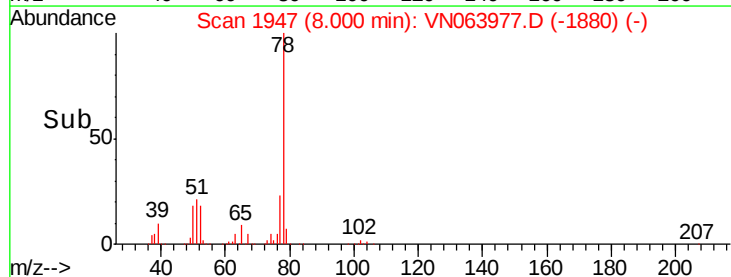
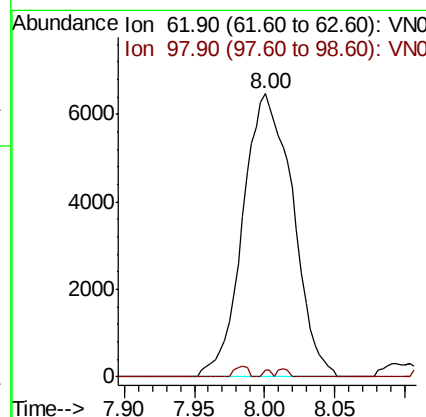
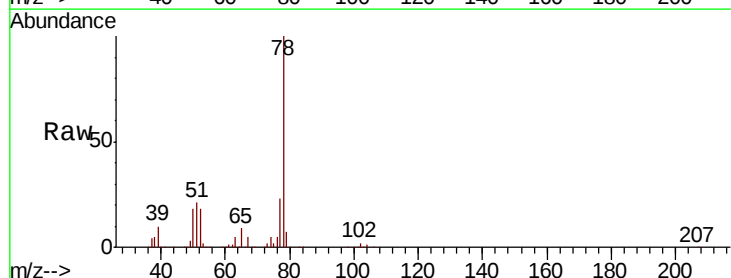
Instrument :
MSVOA_N
ClientSampleId :
MW1

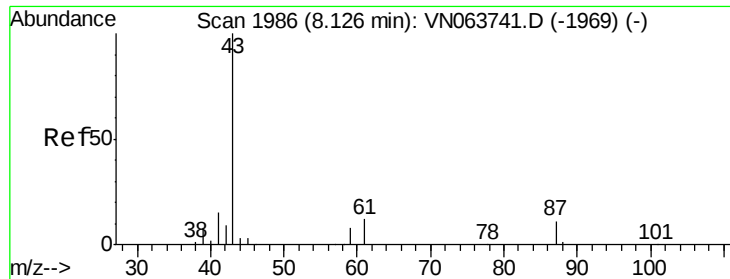
Tot Ion: 78 Resp: 1646142
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1



#42
1,2-Dichloroethane
Concen: 2.812 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.08 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 62 Resp: 16000
Ion Ratio Lower Upper
62 100
98 0.4 0.0 15.0





#43

Isopropyl Acetate

Concen: 0.320 ug/l

RT: 8.09 min Scan# 1976

Delta R.T. -0.03 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Instrument :

MSVOA_N

ClientSampleId :

MW1

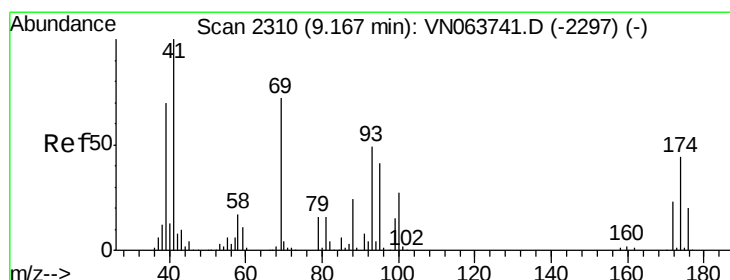
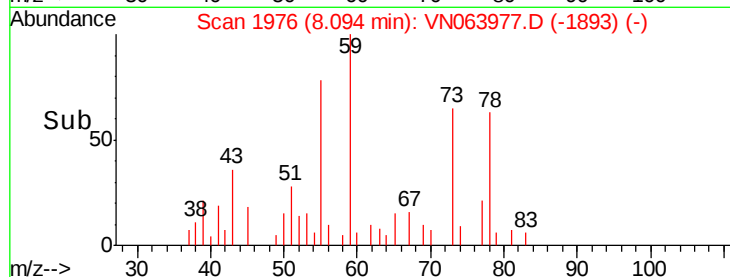
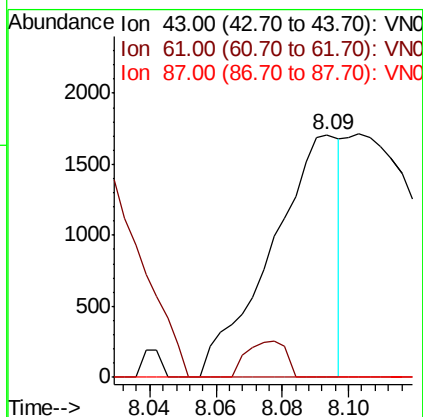
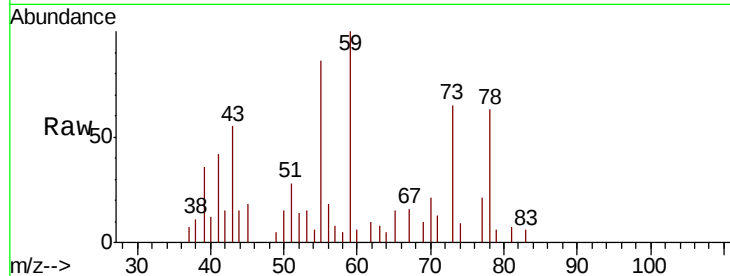
Tot Ion: 43 Resp: 2444

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

87 0.0 9.0 13.6#



#48

Methyl methacrylate

Concen: 0.348 ug/l

RT: 9.14 min Scan# 2300

Delta R.T. -0.03 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

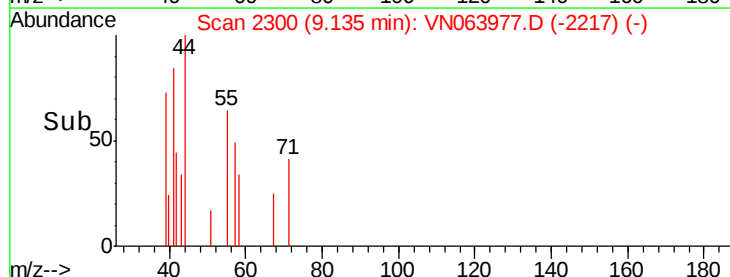
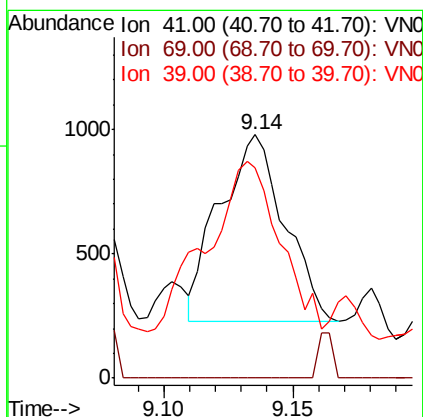
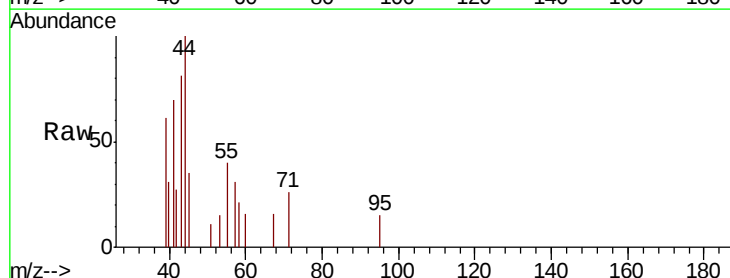
Tgt Ion: 41 Resp: 1314

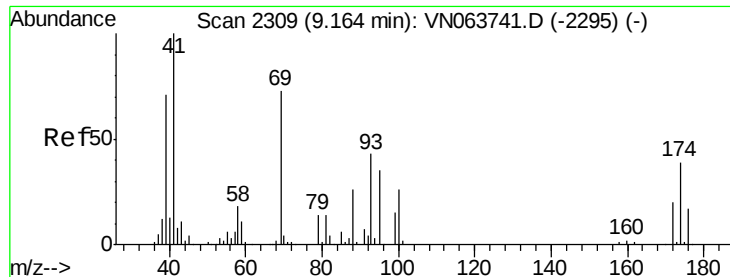
Ion Ratio Lower Upper

41 100

69 0.0 60.9 91.3#

39 110.0 57.5 86.3#





#49

1,4-Dioxane

Concen: 0.559 ug/l

RT: 9.36 min Scan# 2369

Delta R.T. 0.19 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Instrument :

MSVOA_N

ClientSampled :

MW1

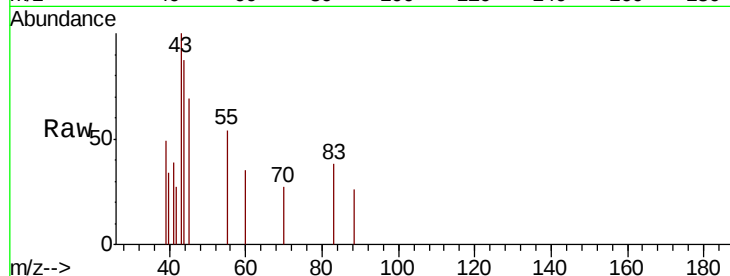
Tot Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 576.7 33.1 49.7#

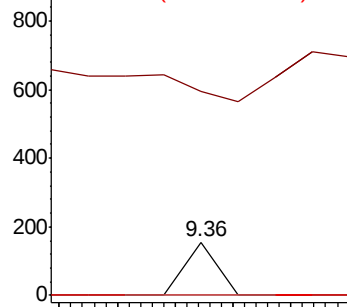
58 0.0 58.9 88.3#



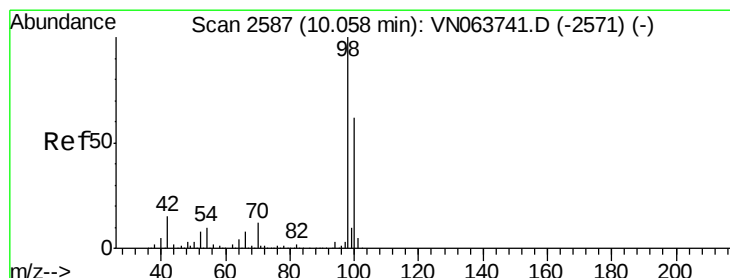
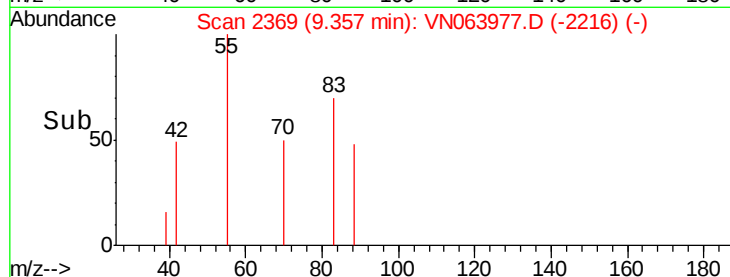
Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 47.965 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063977.D

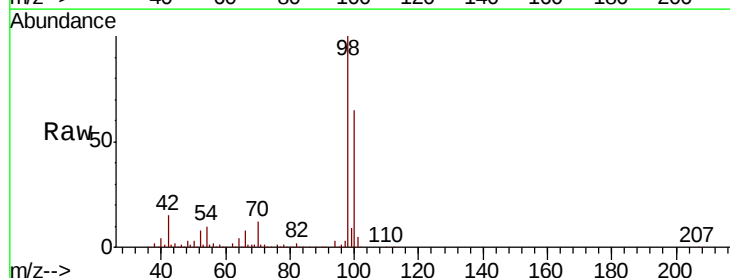
Acq: 8 Oct 2020 6:29

Tgt Ion: 98 Resp: 581283

Ion Ratio Lower Upper

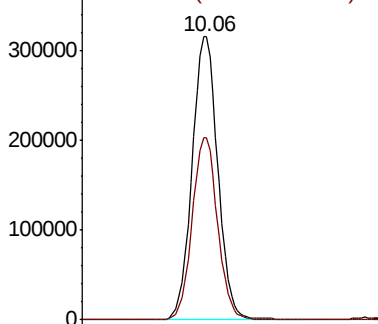
98 100

100 63.7 49.8 74.6

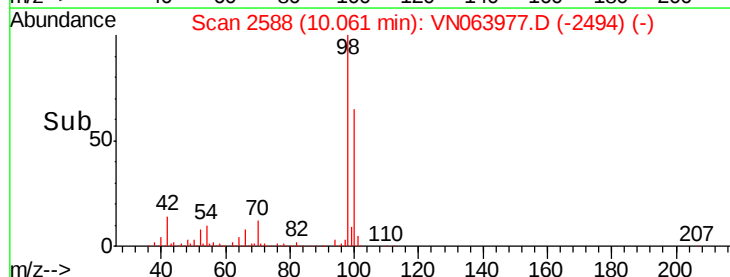


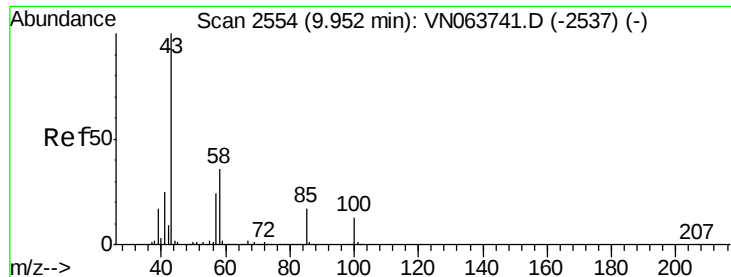
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.634 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Instrument :

MSVOA_N

ClientSampled :

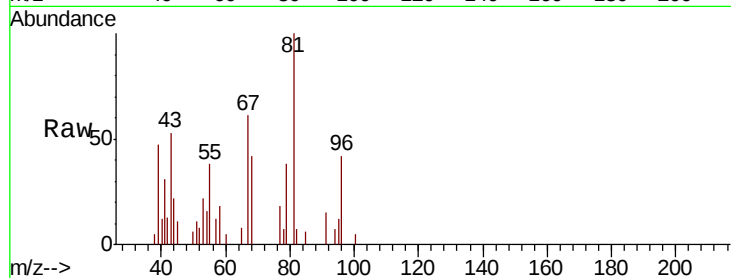
MW1

Tot Ion: 43 Resp: 2845

Ion Ratio Lower Upper

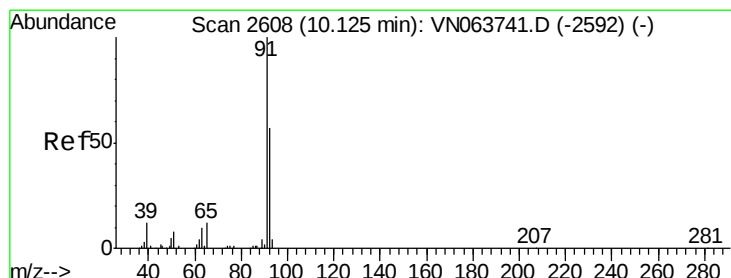
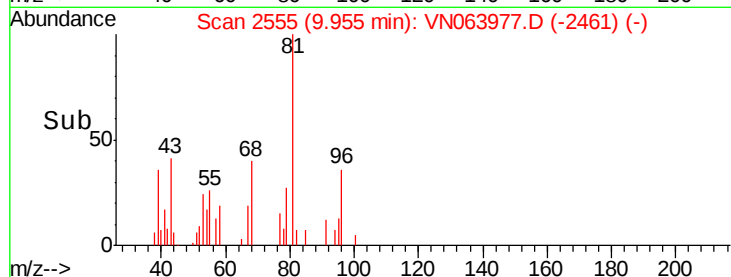
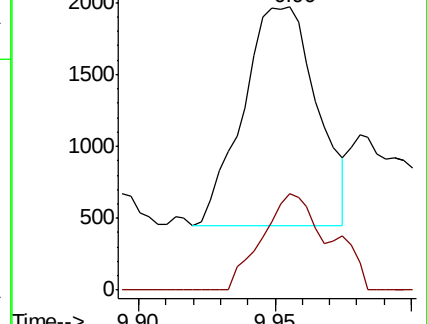
43 100

58 40.6 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)



#52

Toluene

Concen: 2.622 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063977.D

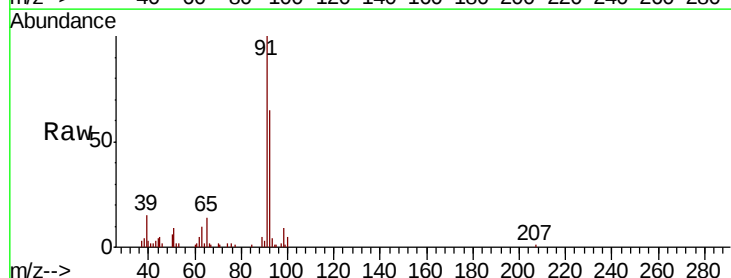
Acq: 8 Oct 2020 6:29

Tgt Ion: 92 Resp: 21621

Ion Ratio Lower Upper

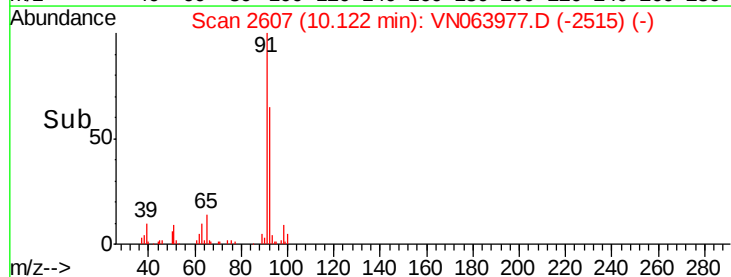
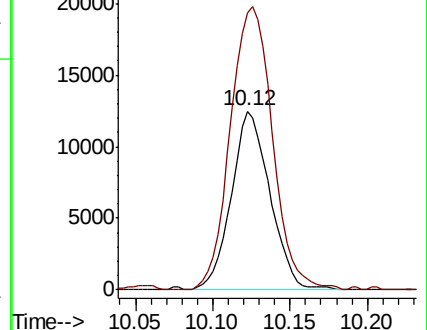
92 100

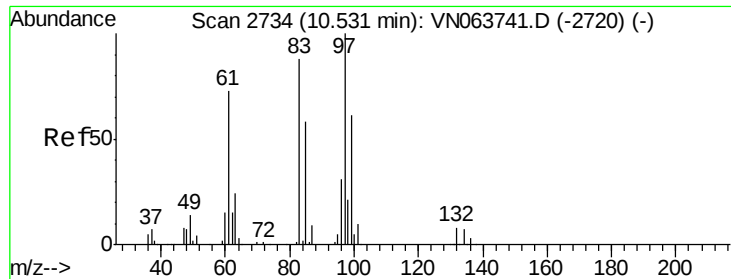
91 173.8 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)

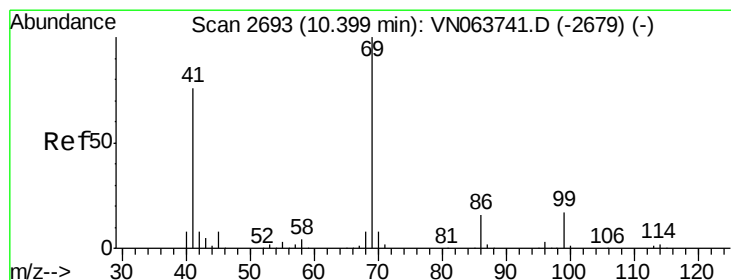
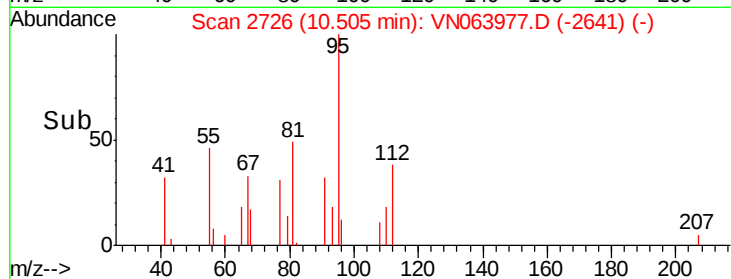
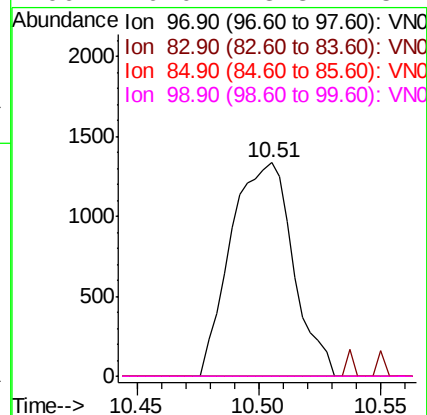
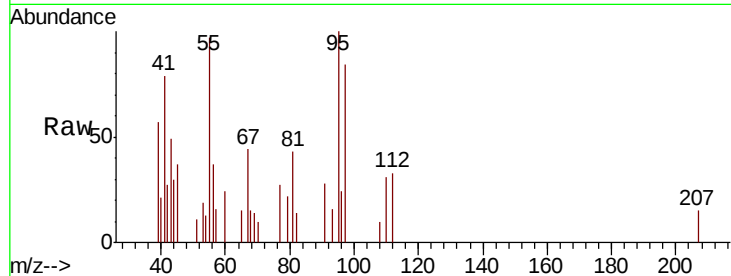




#55
 1,1,2-Trichloroethane
 Concen: 0.714 ug/l
 RT: 10.51 min Scan# 2726
 Delta R.T. -0.03 min
 Lab File: VN063977.D
 Acq: 8 Oct 2020 6:29

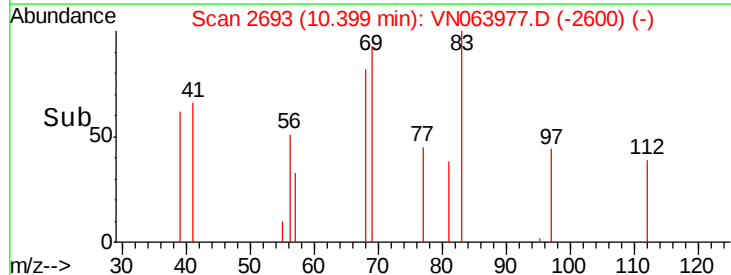
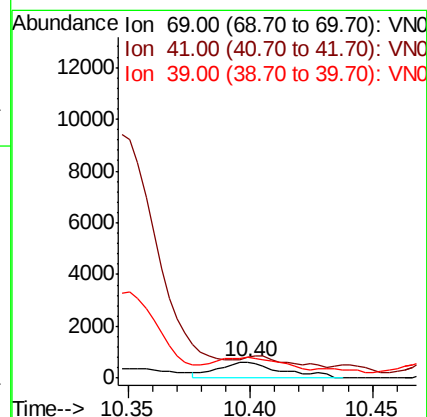
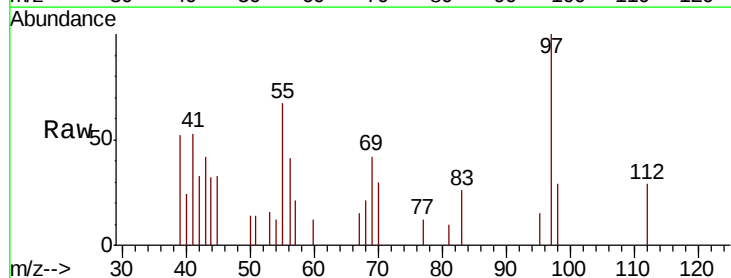
Instrument :
 MSVOA_N
 ClientSampled :
 MW1

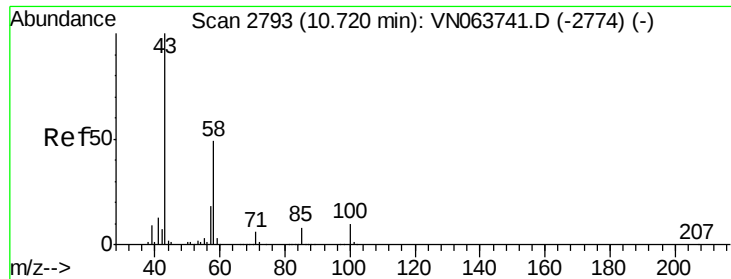
Tot Ion: 97 Resp: 2362
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.7 106.1#
 85 0.0 46.1 69.1#
 99 0.0 48.8 73.2#



#56
 Ethyl methacrylate
 Concen: 0.240 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063977.D
 Acq: 8 Oct 2020 6:29

Tgt Ion: 69 Resp: 1125
 Ion Ratio Lower Upper
 69 100
 41 0.0 61.1 91.7#
 39 71.0 42.2 63.4#

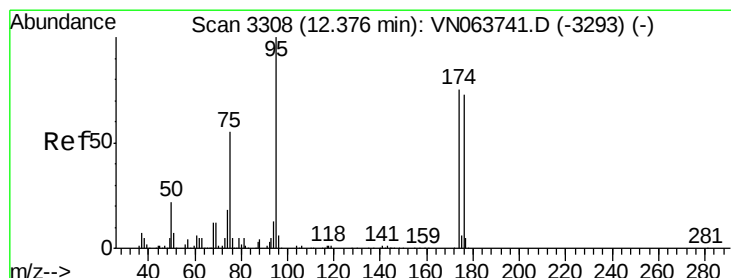
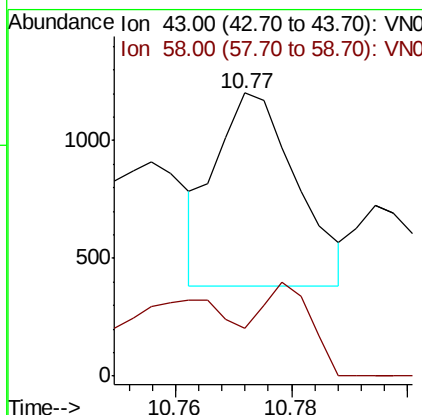
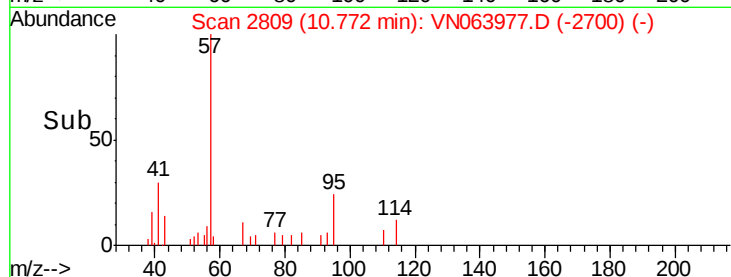
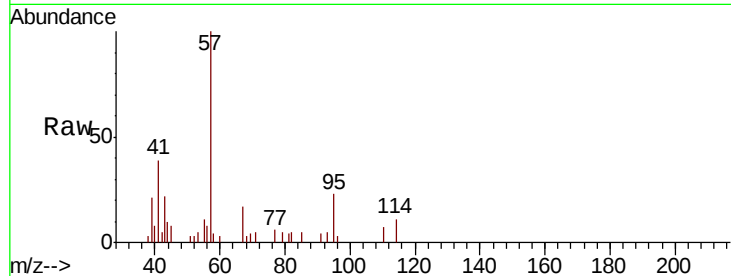




#59
2-Hexanone
Concen: 0.236 ug/l
RT: 10.77 min Scan# 2809
Delta R.T. 0.05 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

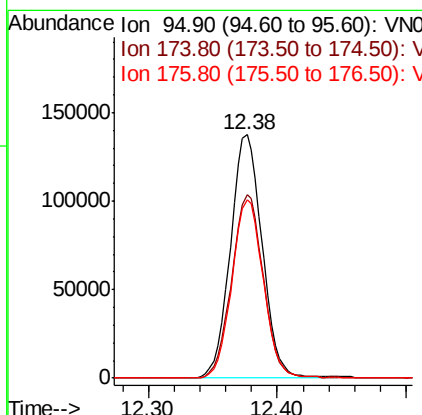
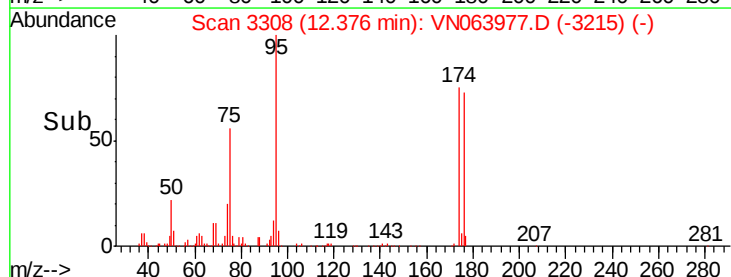
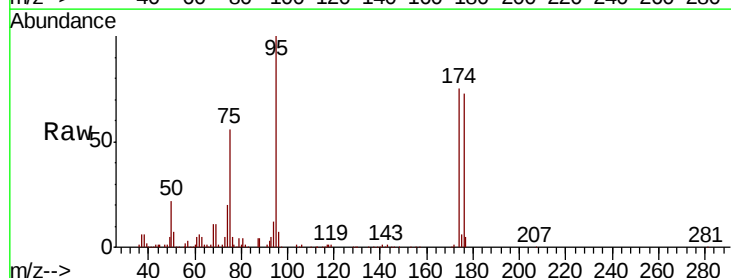
Instrument :
MSVOA_N
ClientSampled :
MW1

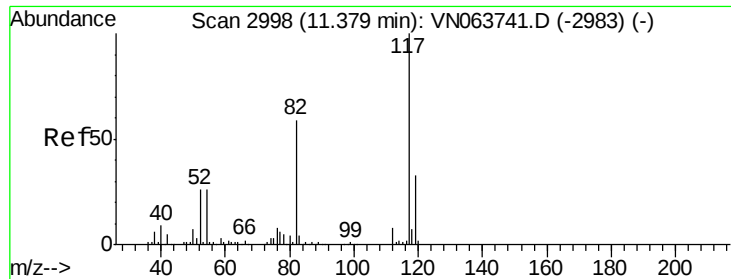
Tot Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 29.6 24.6 73.8



#62
4-Bromofluorobenzene
Concen: 51.456 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 95 Resp: 234414
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.6
176 72.7 0.0 145.4

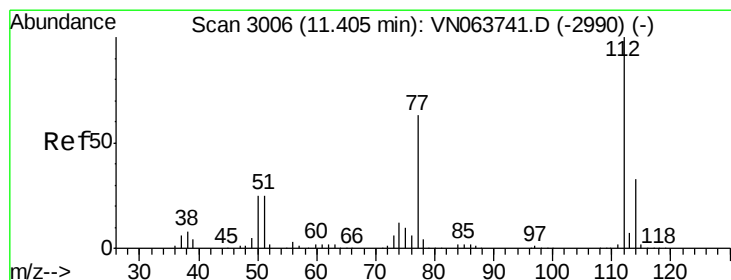
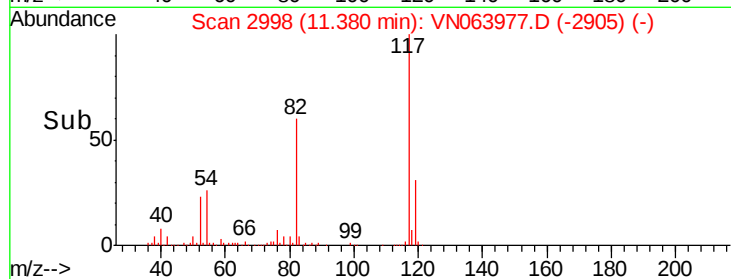
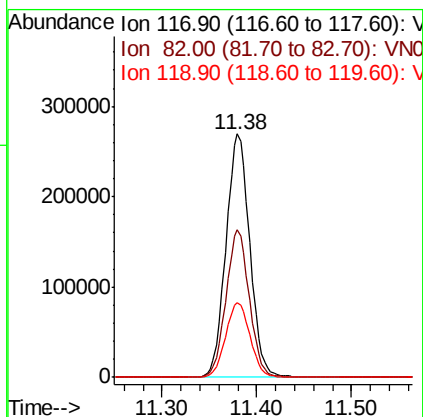
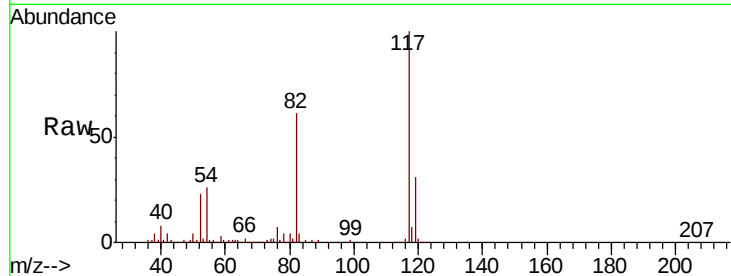




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

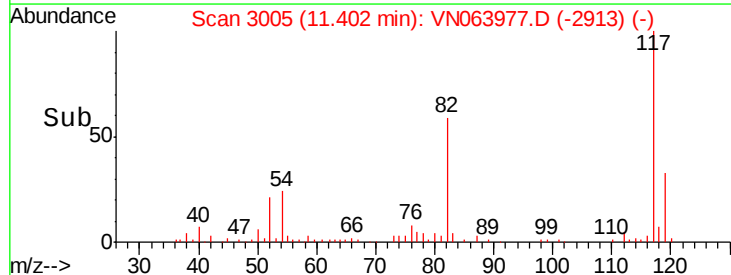
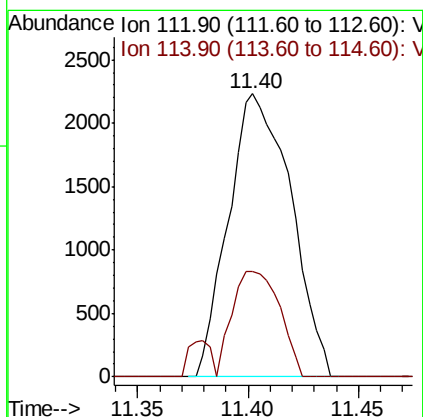
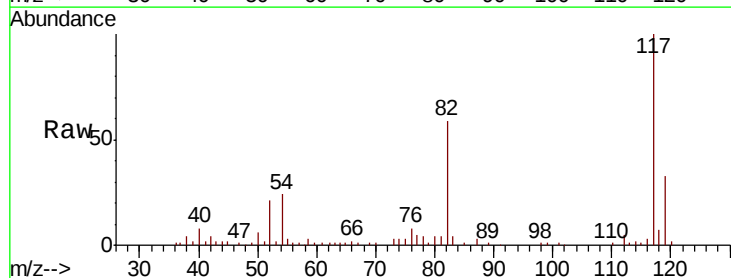
Instrument :
MSVOA_N
ClientSampleId :
MW1

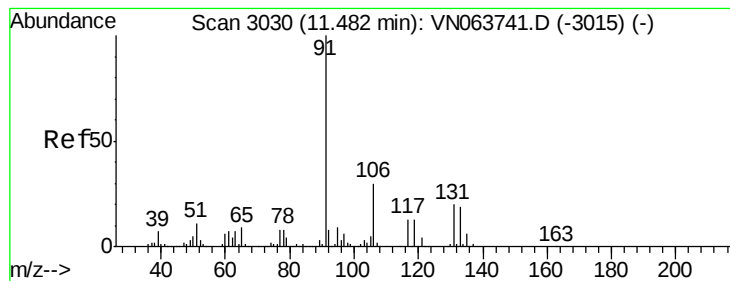
Tot Ion:117 Resp: 471004
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 30.7 26.4 39.6



#65
Chlorobenzene
Concen: 0.453 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion:112 Resp: 4377
Ion Ratio Lower Upper
112 100
114 37.5 26.1 39.1





#67

Ethyl Benzene

Concen: 0.359 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Instrument :

MSVOA_N

ClientSampled :

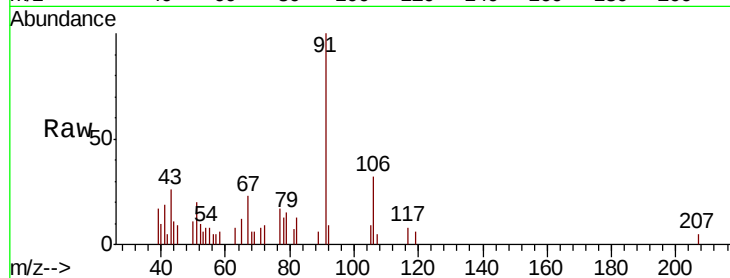
MW1

Tot Ion: 91 Resp: 6306

Ion Ratio Lower Upper

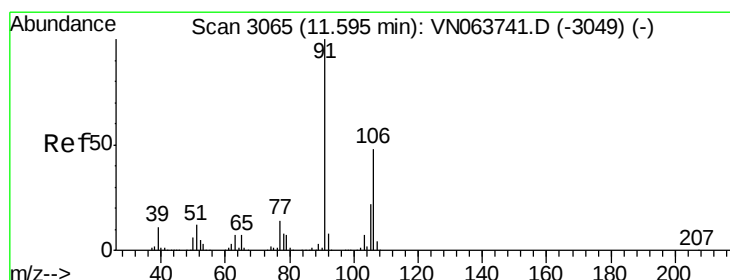
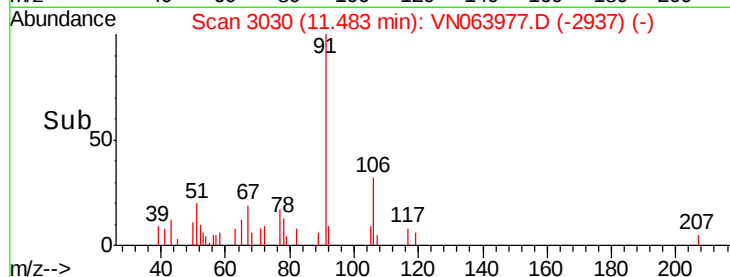
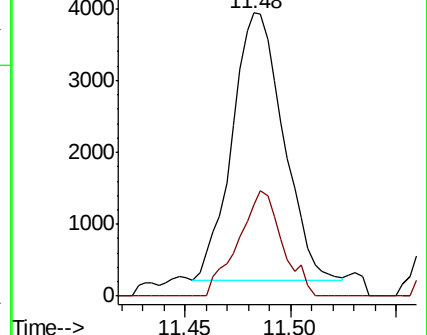
91 100

106 34.3 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3015) (-)

Ion 106.00 (105.70 to 106.70): VN063741.D (-3015) (-)



#68

m/p-Xylenes

Concen: 2.775 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063977.D

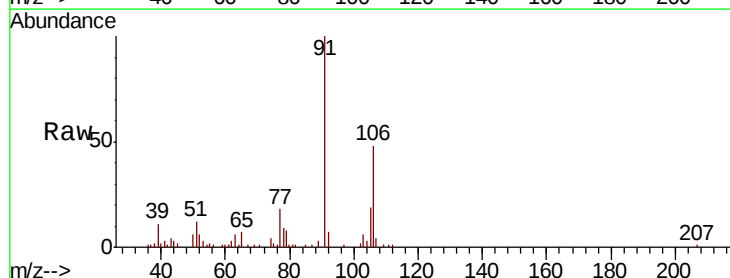
Acq: 8 Oct 2020 6:29

Tgt Ion: 106 Resp: 18185

Ion Ratio Lower Upper

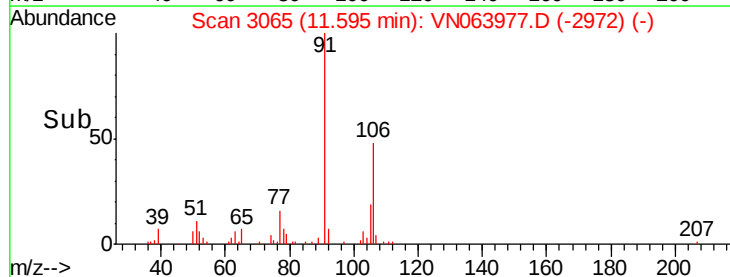
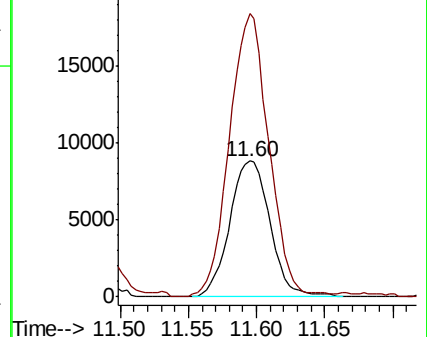
106 100

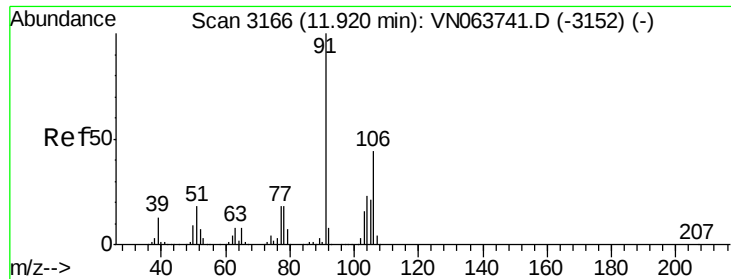
91 203.4 168.0 252.0



Abundance Ion 106.00 (105.70 to 106.70): VN063741.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-3049) (-)

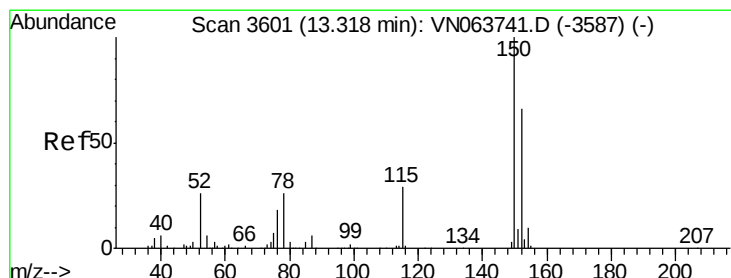
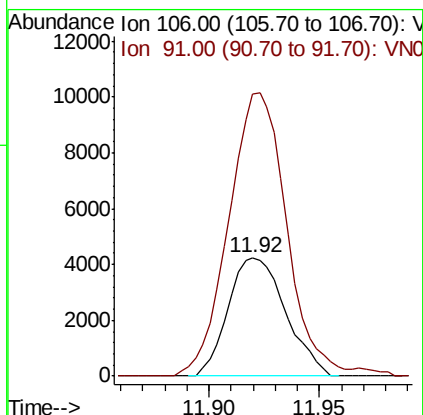
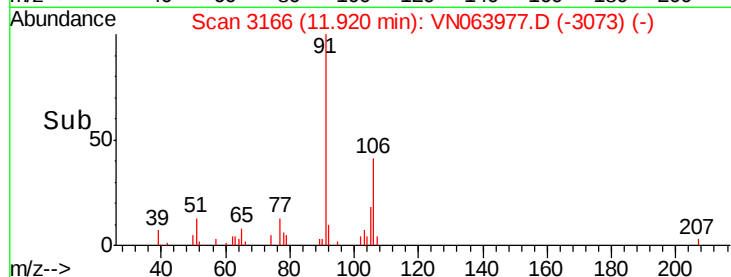
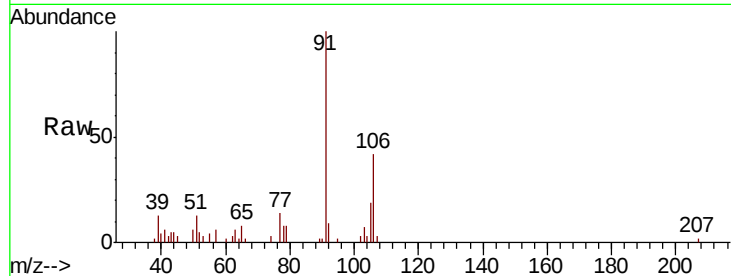




#69
o-Xylene
Concen: 1.250 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

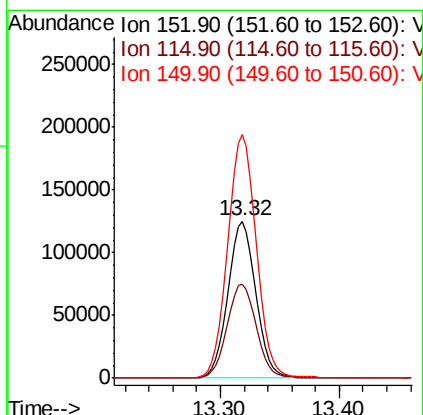
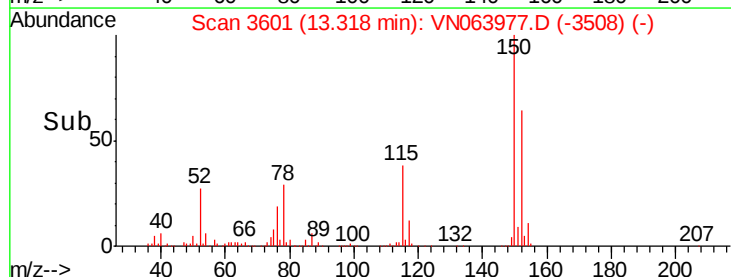
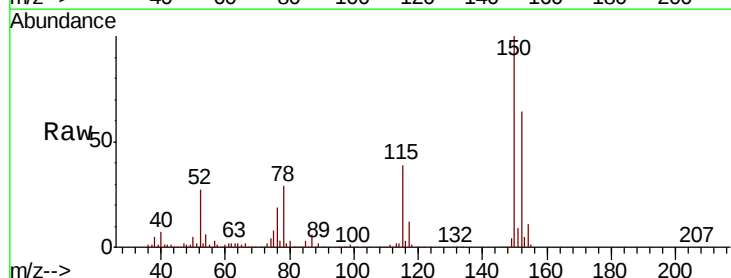
Instrument :
MSVOA_N
ClientSampled :
MW1

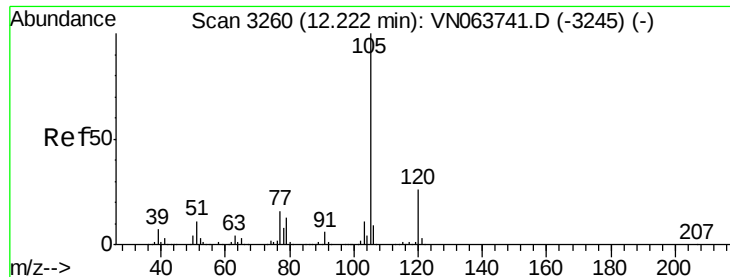
Tot Ion:106 Resp: 7658
Ion Ratio Lower Upper
106 100
91 241.6 112.7 338.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion:152 Resp: 204192
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 159.0 0.0 341.8





#73

Isopropylbenzene

Concen: 5.369 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Instrument :

MSVOA_N

ClientSampled :

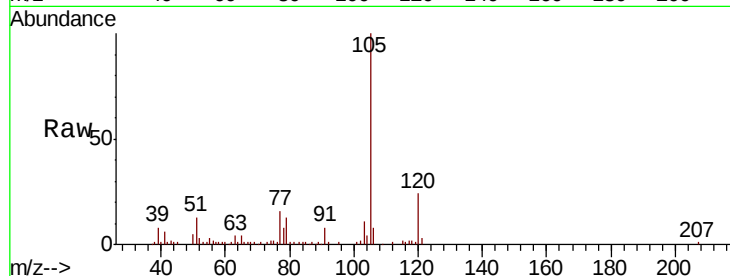
MW1

Tot Ion:105 Resp: 79969

Ion Ratio Lower Upper

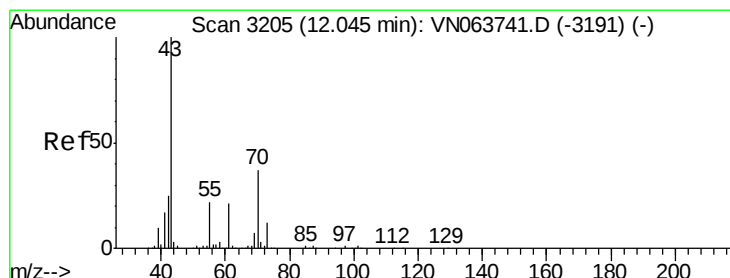
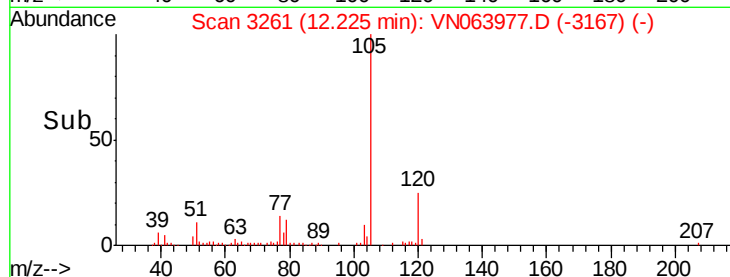
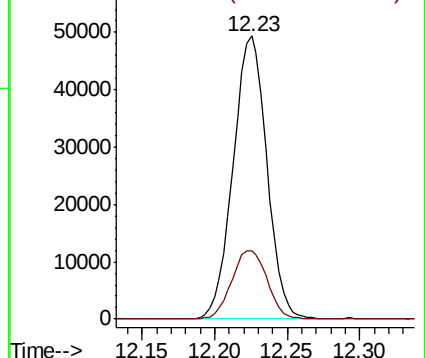
105 100

120 25.3 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-ethyl acetate

Concen: 2.236 ug/l

RT: 12.07 min Scan# 3213

Delta R.T. 0.03 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Tgt Ion: 43 Resp: 149

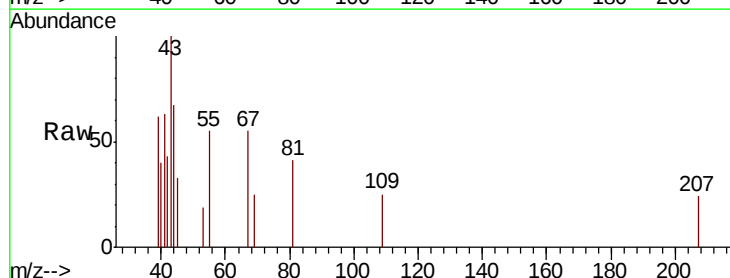
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 72.5 17.9 26.9#

61 0.0 17.0 25.4#

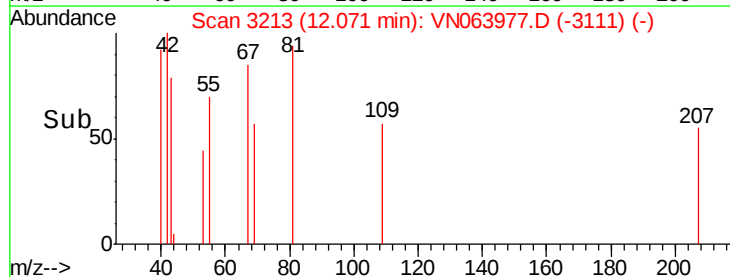
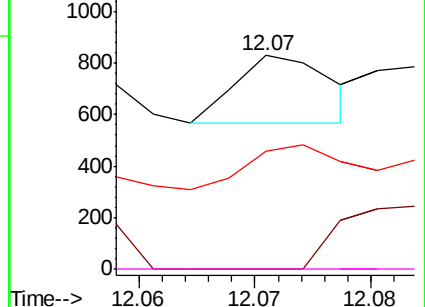


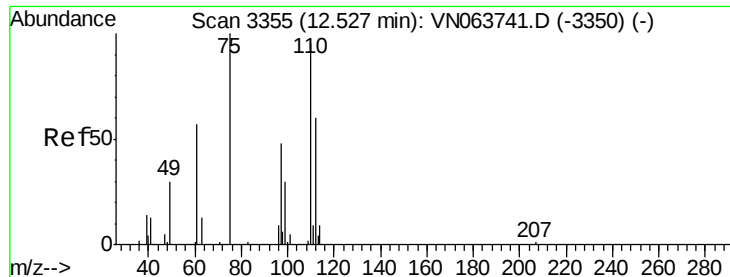
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 28.695 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Instrument :

MSVOA_N

ClientSampleId :

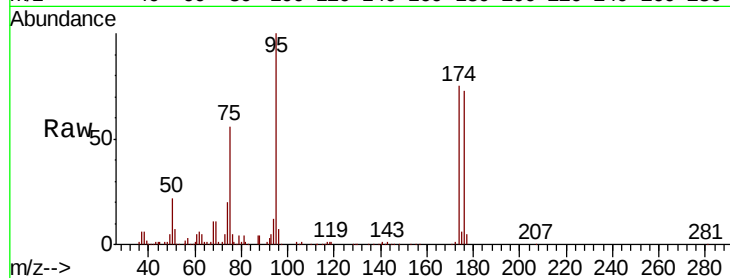
MW1

Tot Ion: 75 Resp: 129162

Ion Ratio Lower Upper

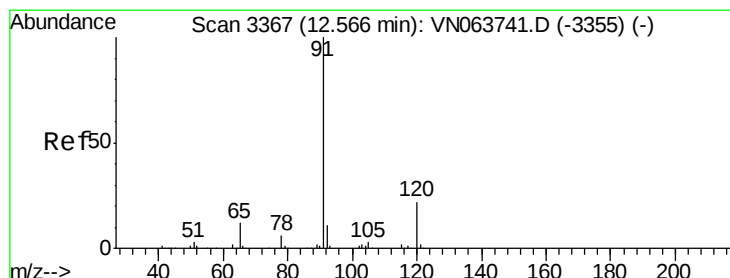
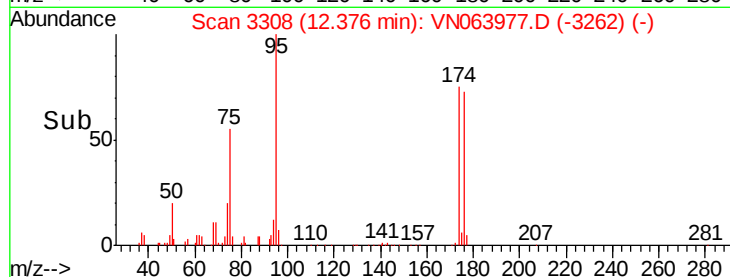
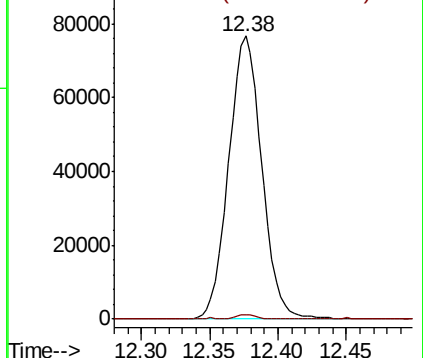
75 100

77 1.0 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: 9.567 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063977.D

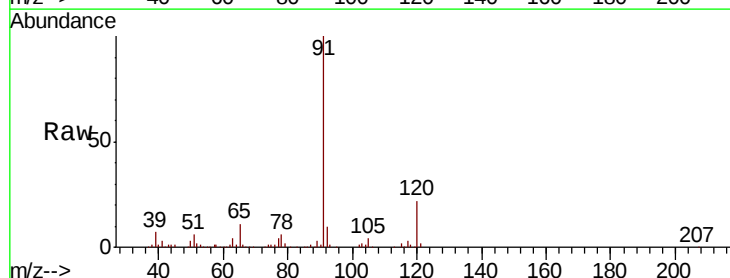
Acq: 8 Oct 2020 6:29

Tgt Ion: 91 Resp: 165832

Ion Ratio Lower Upper

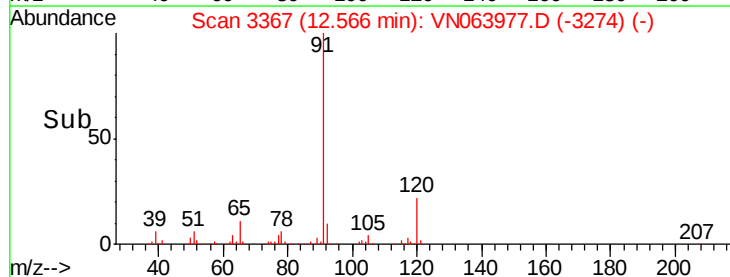
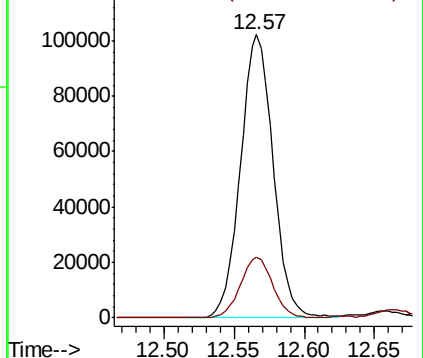
91 100

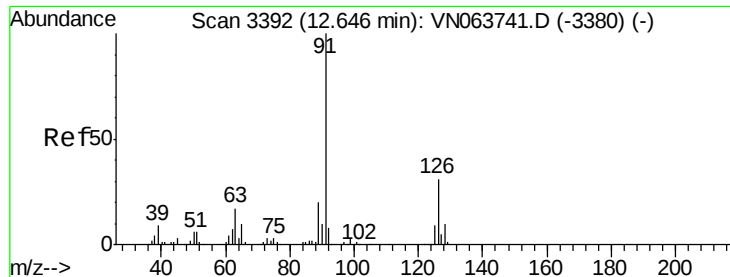
120 21.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 15.556 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.08 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Instrument :

MSVOA_N

ClientSampleId :

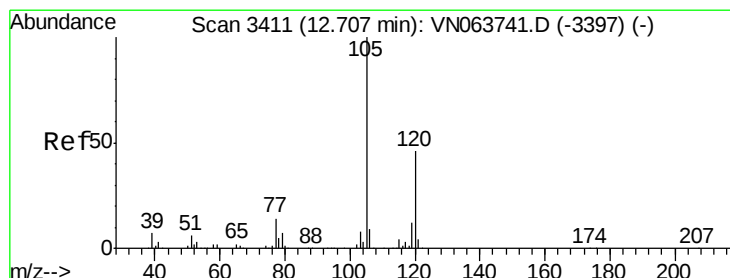
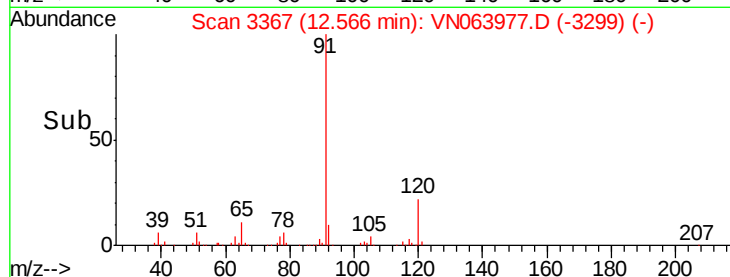
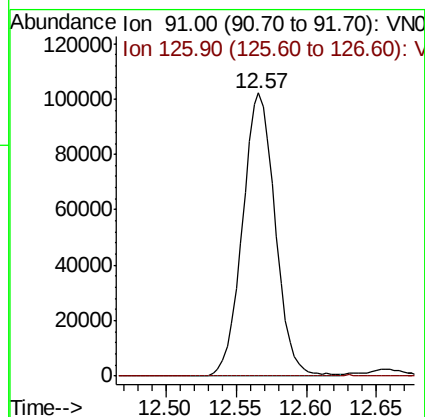
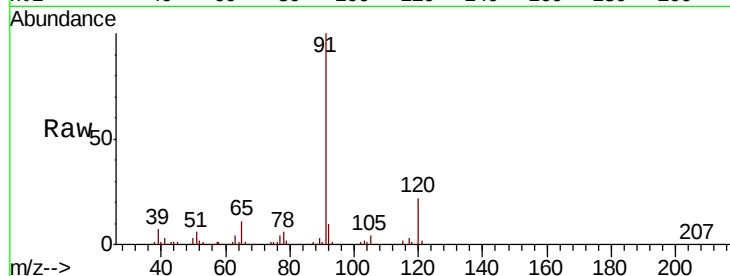
MW1

Tot Ion: 91 Resp: 165832

Ion Ratio Lower Upper

91 100

126 0.1 15.9 47.7#



#80

1,3,5-Trimethylbenzene

Concen: 1.183 ug/l

RT: 12.67 min Scan# 3398

Delta R.T. -0.04 min

Lab File: VN063977.D

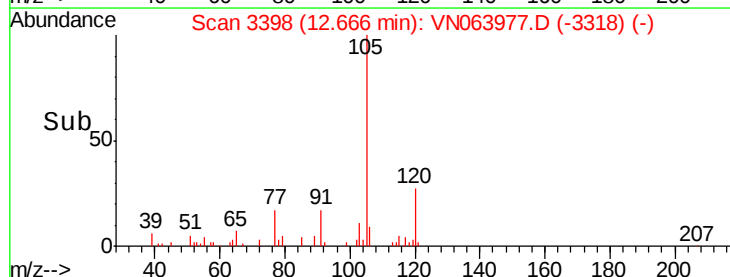
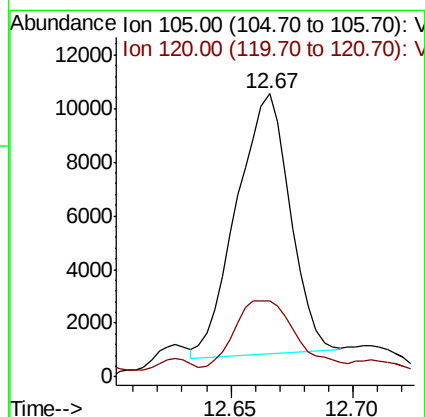
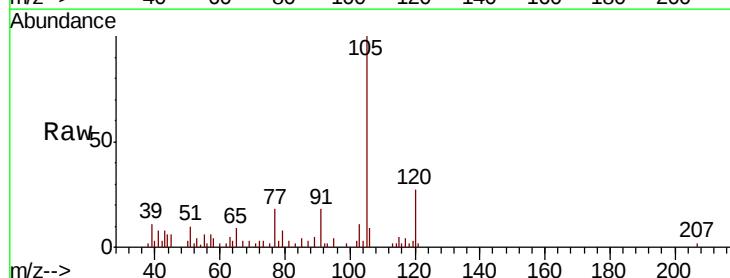
Acq: 8 Oct 2020 6:29

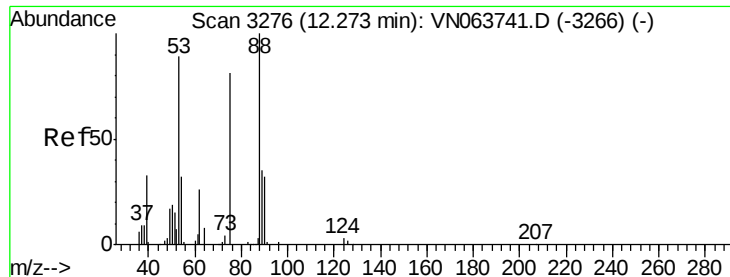
Tgt Ion: 105 Resp: 14777

Ion Ratio Lower Upper

105 100

120 28.0 23.3 69.9

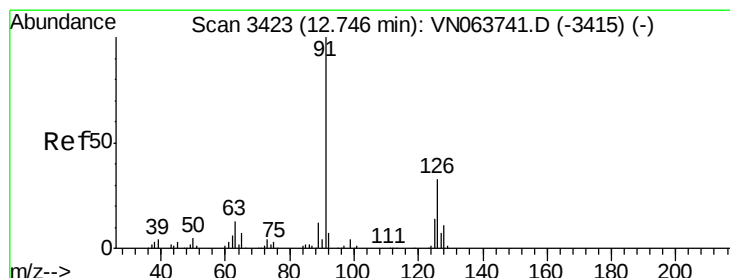
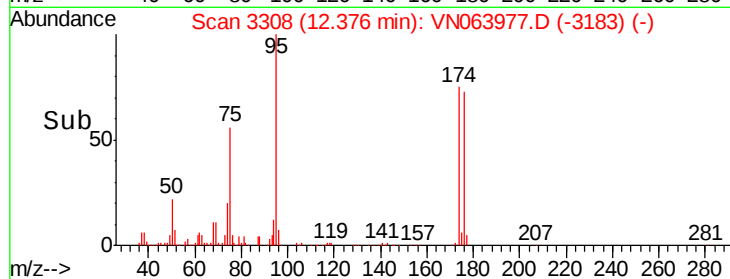
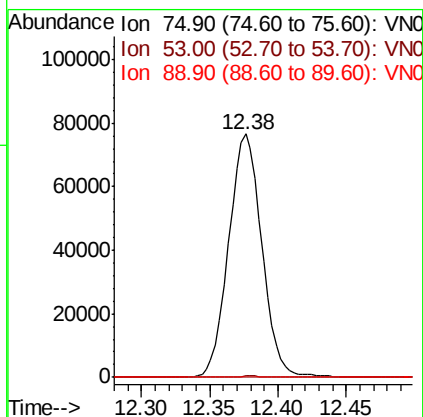
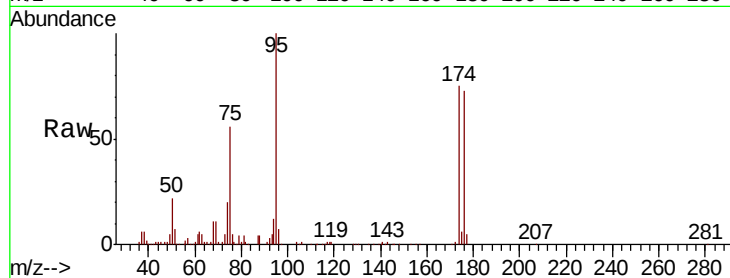




#81
trans-1,4-Dichloro-2-butene
Concen: 82.646 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

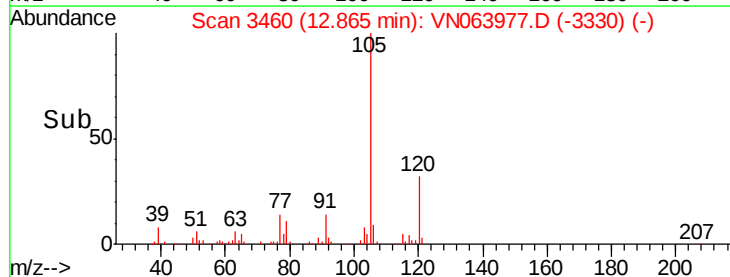
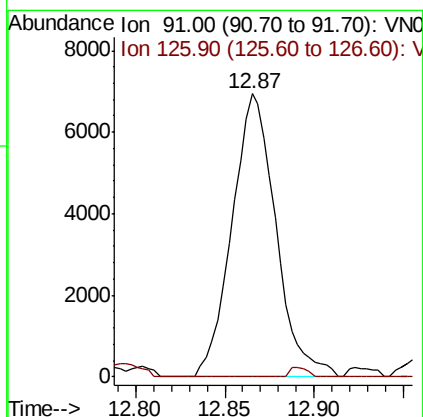
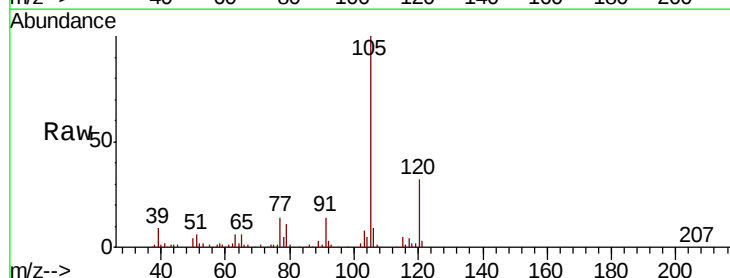
Instrument :
MSVOA_N
ClientSampled :
MW1

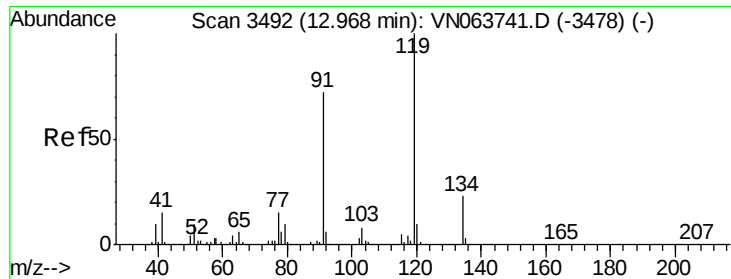
Tot Ion: 75 Resp: 129162
Ion Ratio Lower Upper
75 100
53 0.5 88.2 132.2#
89 0.0 36.0 54.0#



#82
4-Chlorotoluene
Concen: 1.072 ug/l
RT: 12.87 min Scan# 3460
Delta R.T. 0.12 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 91 Resp: 11868
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#

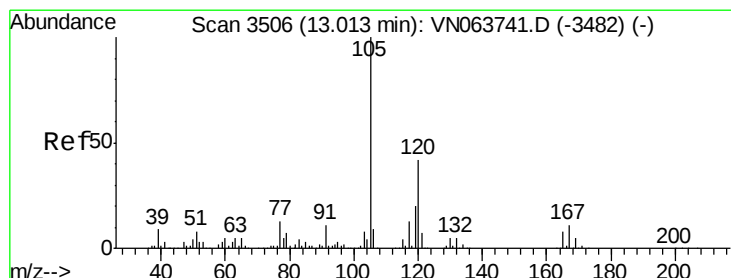
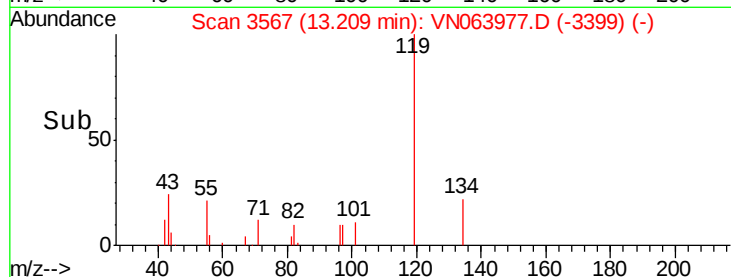
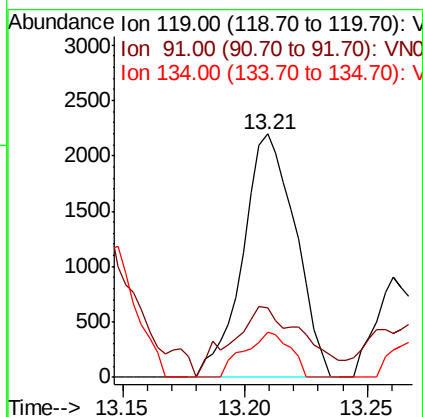
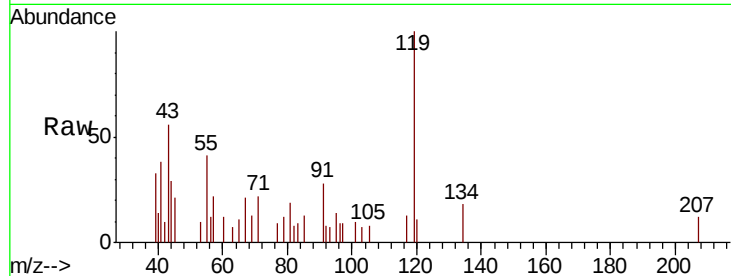




#83
tert-Butylbenzene
Concen: 0.321 ug/l
RT: 13.21 min Scan# 3567
Delta R.T. 0.24 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

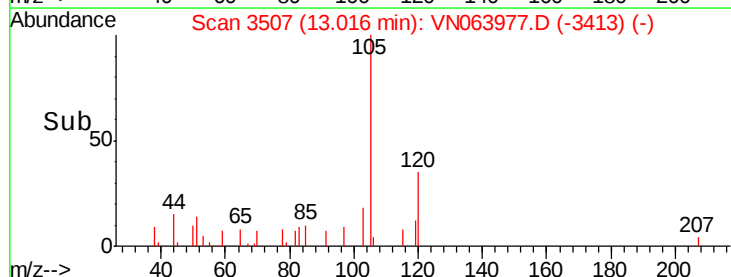
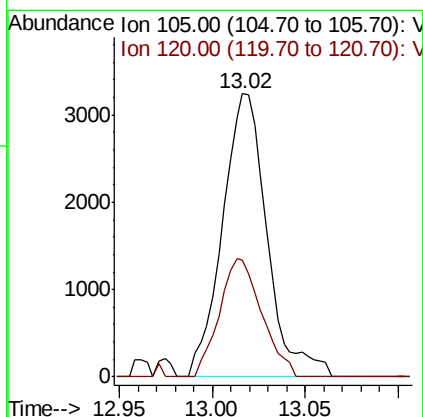
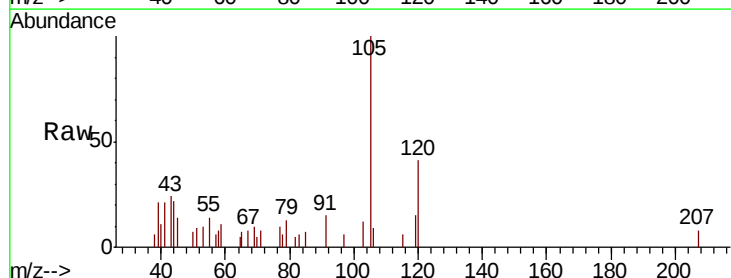
Instrument :
MSVOA_N
ClientSampled :
MW1

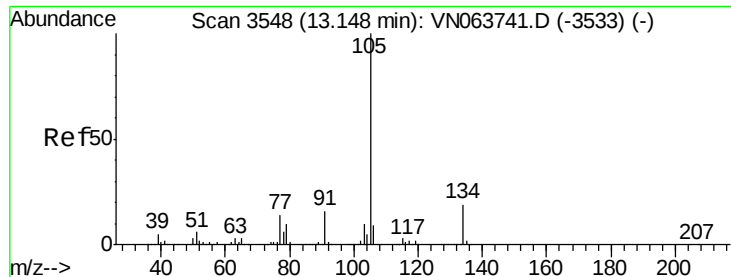
Tot Ion:119 Resp: 3280
Ion Ratio Lower Upper
119 100
91 40.3 35.5 106.5
134 16.1 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 0.435 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion:105 Resp: 5423
Ion Ratio Lower Upper
105 100
120 39.6 20.9 62.7

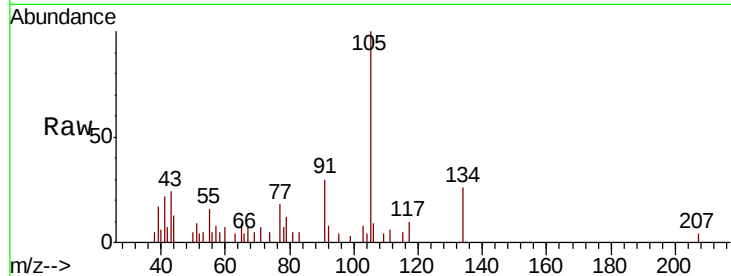




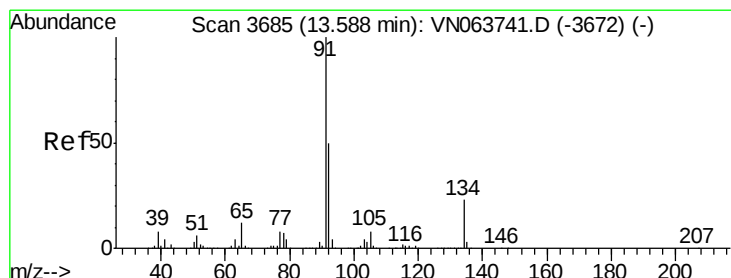
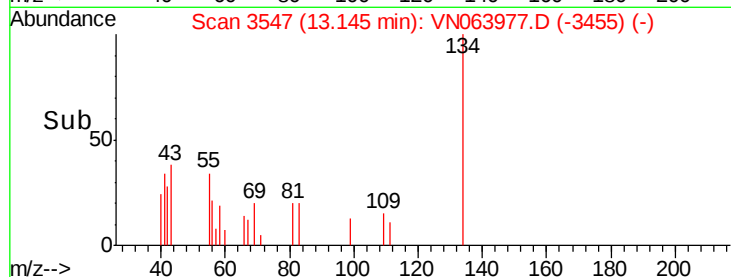
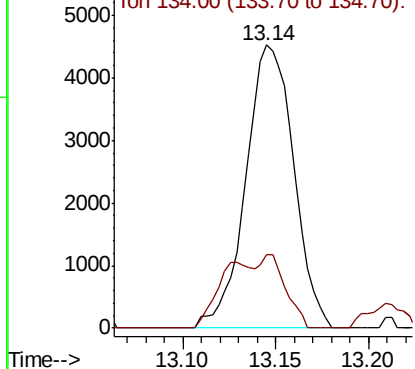
#85
 sec-Butylbenzene
 Concen: 0.609 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN063977.D
 Acq: 8 Oct 2020 6:29

Instrument :
 MSVOA_N
 ClientSampled :
 MW1

Tot Ion:105 Resp: 8171
 Ion Ratio Lower Upper
 105 100
 134 17.8 9.5 28.5

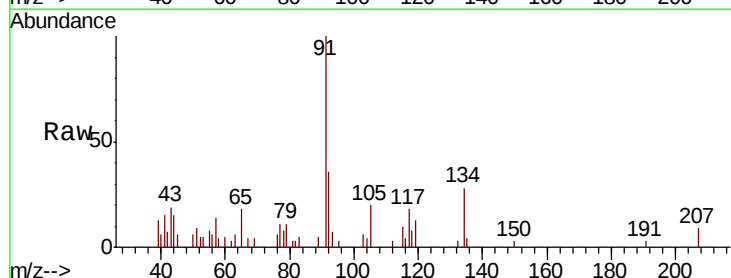


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

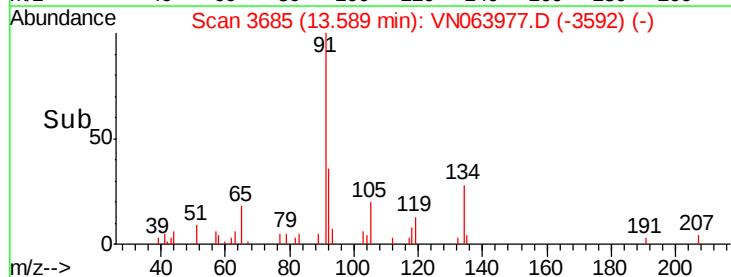
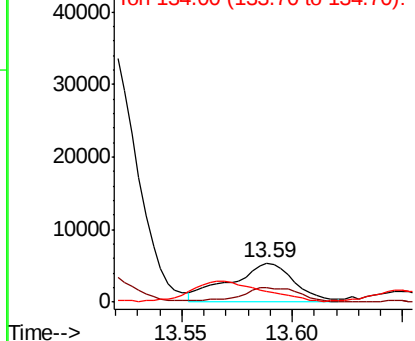


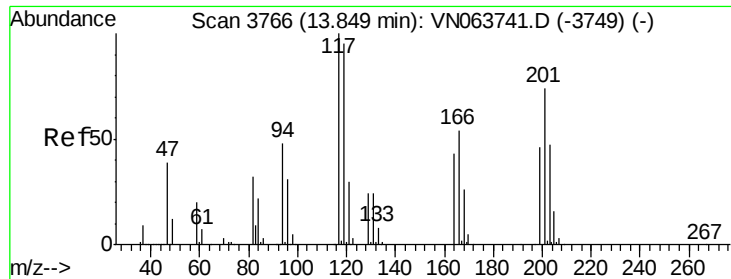
#89
 n-Butylbenzene
 Concen: 0.962 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN063977.D
 Acq: 8 Oct 2020 6:29

Tgt Ion: 91 Resp: 10542
 Ion Ratio Lower Upper
 91 100
 92 35.9 25.4 76.4
 134 0.0 11.7 35.1#



Abundance Ion 91.00 (90.70 to 91.70): VNO
 Ion 92.00 (91.70 to 92.70): VNO
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 4.330 ug/l

RT: 13.87 min Scan# 3771

Delta R.T. 0.02 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Instrument :

MSVOA_N

ClientSampled :

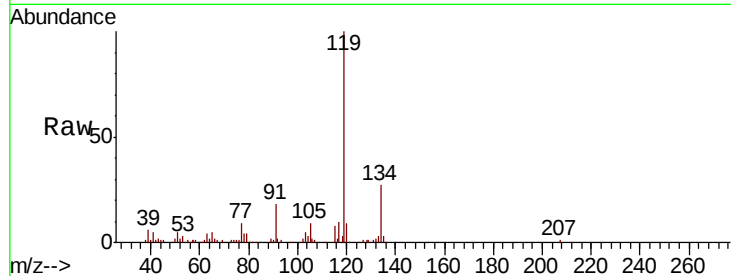
MW1

Tot Ion:117 Resp: 9964

Ion Ratio Lower Upper

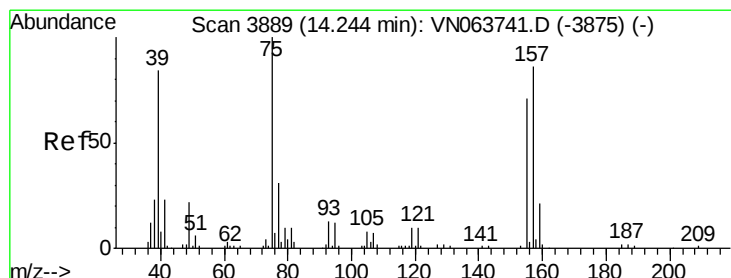
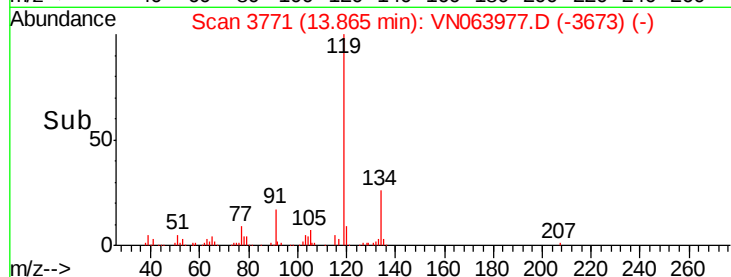
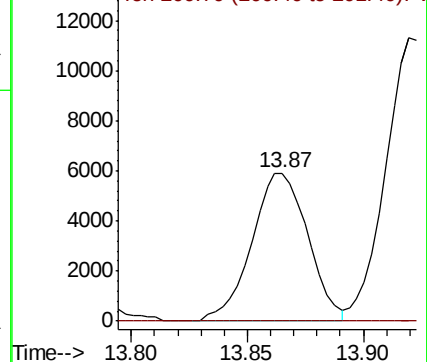
117 100

201 0.0 36.0 108.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.383 ug/l

RT: 14.18 min Scan# 3869

Delta R.T. -0.06 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

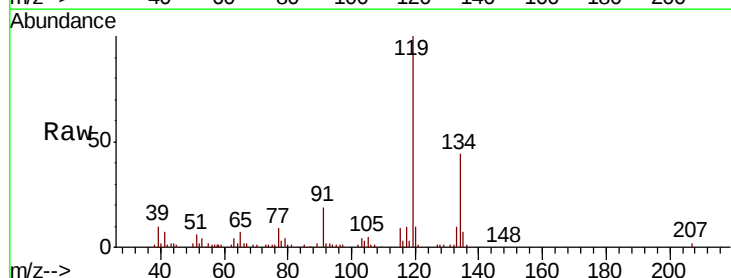
Tgt Ion: 75 Resp: 409

Ion Ratio Lower Upper

75 100

155 0.0 34.8 104.5#

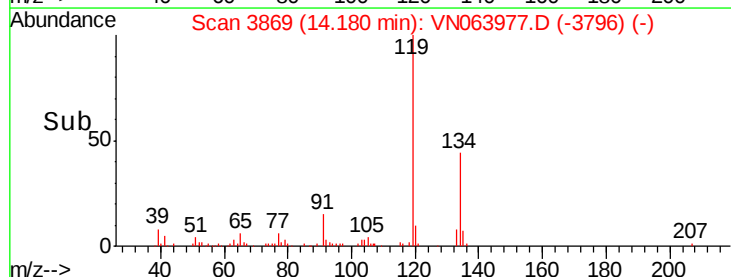
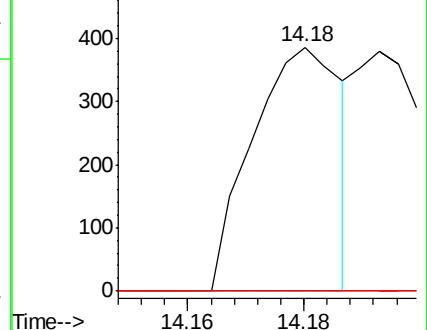
157 0.0 43.7 131.1#

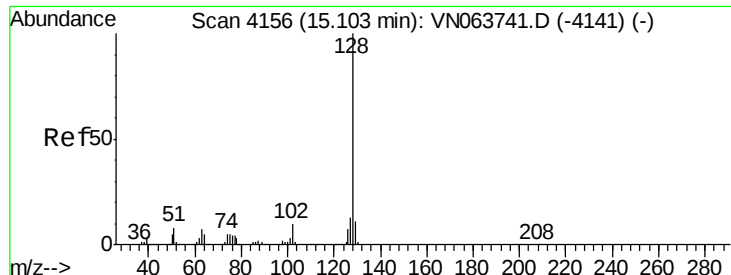


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 2.042 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063977.D

Acq: 8 Oct 2020 6:29

Instrument :

MSVOA_N

ClientSampleId :

MW1

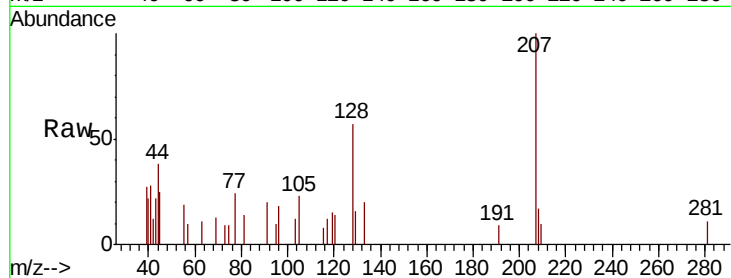
Tot Ion:128 Resp: 1349

Ion Ratio Lower Upper

128 100

127 5.3 10.5 15.7#

129 22.2 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

