

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061120\
 Data File : VN061766.D
 Acq On : 12 Jun 2020 2:40
 Operator : JC/MD
 Sample : VN0611WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBL02

Quant Time: Jun 12 08:43:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	258705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182254	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	141383	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.74%		
35) Dibromofluoromethane	7.54	113	119495	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	111.20%		
50) Toluene-d8	10.06	98	504585	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.32%		
62) 4-Bromofluorobenzene	12.38	95	176441	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.10%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	674	0.21	ug/l #	66
5) Bromomethane	2.55	94	1037	0.42	ug/l #	65
10) Methyl Iodide	3.92	142	1418	0.41	ug/l #	46
11) Tert butyl alcohol	4.70	59	163	0.40	ug/l #	72
13) Acrolein	3.55	56	119	Below	Cal	94
15) Acrylonitrile	4.94	53	750	0.66	ug/l #	39
16) Acetone	3.79	43	1111	Below	Cal	96
17) Carbon Disulfide	4.01	76	2826	0.49	ug/l #	74
20) Methylene Chloride	4.50	84	323	Below	Cal #	76
29) Tetrahydrofuran	7.16	42	677	0.70	ug/l #	38
31) Cyclohexane	7.62	56	4664	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	16769	4.47	ug/l #	48
38) Carbon Tetrachloride	7.62	117	23596	6.52	ug/l #	17
44) Trichloroethene	8.80	130	742	0.21	ug/l	79
49) 1,4-Dioxane	9.17	88	297	7.84	ug/l #	59
51) 4-Methyl-2-Pentanone	9.95	43	1194	0.39	ug/l #	70
59) 2-Hexanone	10.73	43	2209	1.00	ug/l	95
71) Bromoform	12.38	173	1422	0.58	ug/l #	1
74) N-amyl acetate	12.05	43	1250	0.30	ug/l	93
76) 1,2,3-Trichloropropane	12.38	75	84104	25.38	ug/l #	100
77) Bromobenzene	12.50	156	880	0.26	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.38	75	84104	64.90	ug/l #	15
82) 4-Chlorotoluene	12.75	91	2269	0.24	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	2256	0.38	ug/l	91
88) 1,4-Dichlorobenzene	13.26	146	2256	0.37	ug/l	91
89) n-Butylbenzene	13.59	91	3769	0.39	ug/l	96
91) 1,2-Dichlorobenzene	13.62	146	2709	0.47	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	14.24	75	295	0.39	ug/l	90
93) 1,2,4-Trichlorobenzene	14.89	180	4393	1.31	ug/l	99
94) Hexachlorobutadiene	14.98	225	1921	1.34	ug/l	88
95) Naphthalene	15.11	128	18109	1.77	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	5161	1.56	ug/l	92

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Response via : Initial Calibration

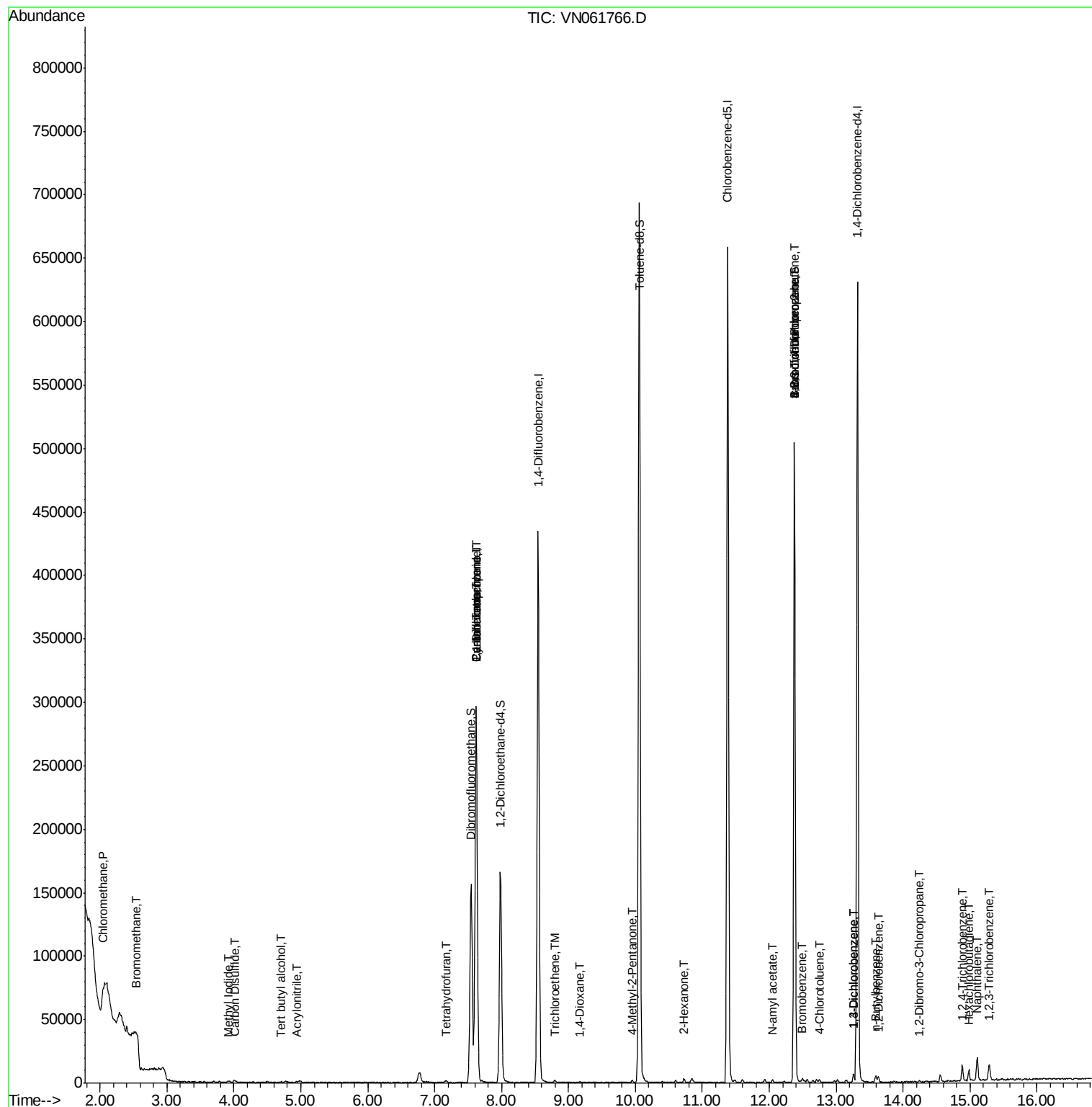
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

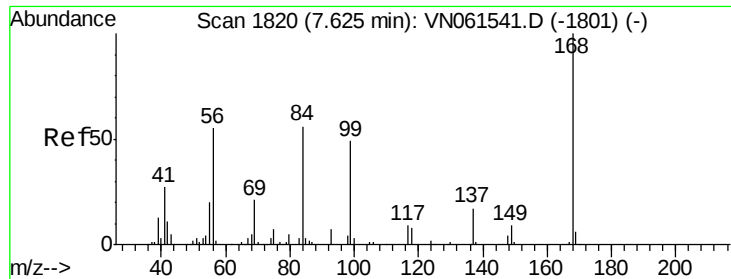
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN061120\
Data File : VN061766.D
Acq On : 12 Jun 2020 2:40
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

Instrument :

MSVOA_N

ClientSampleId :

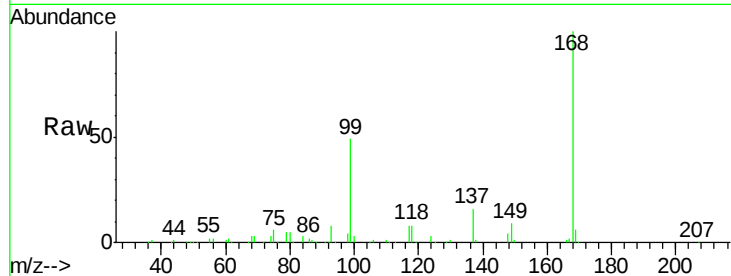
VN0611WBL02

Tgt Ion:168 Resp: 258705

Ion Ratio Lower Upper

168 100

99 48.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

120000

100000

80000

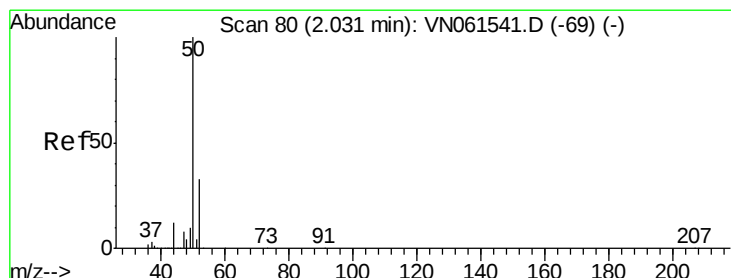
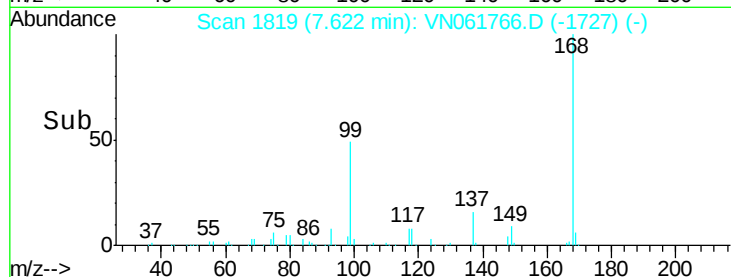
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061766.D

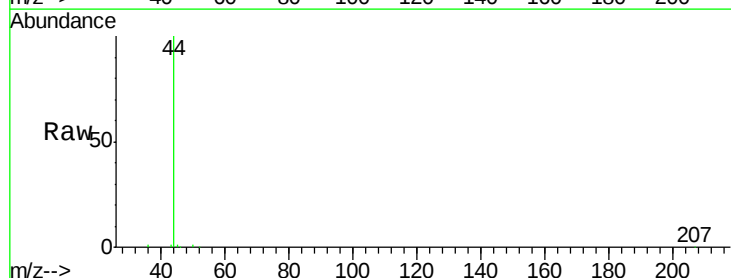
Acq: 12 Jun 2020 2:40

Tgt Ion: 50 Resp: 674

Ion Ratio Lower Upper

50 100

52 52.7 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

600

500

400

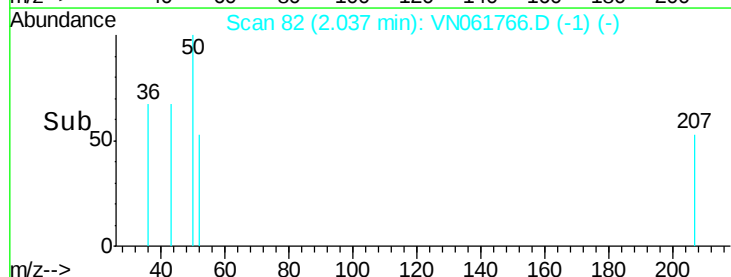
300

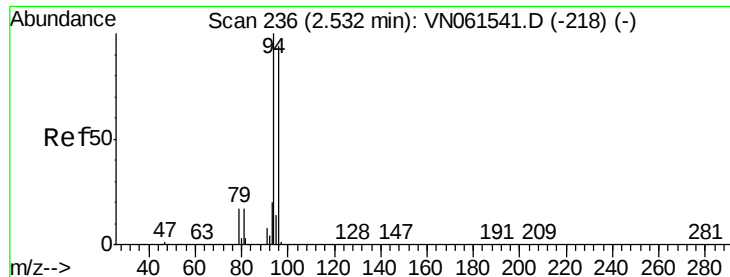
200

100

0

Time--> 2.02 2.04 2.06





#5

Bromomethane

Concen: 0.42 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.02 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

Instrument :

MSVOA_N

ClientSampleId :

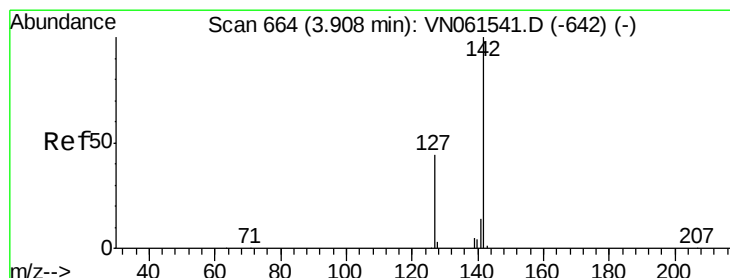
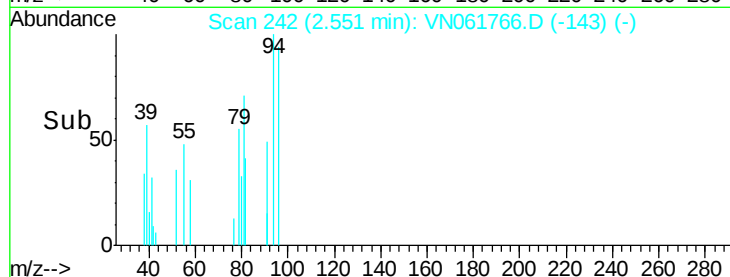
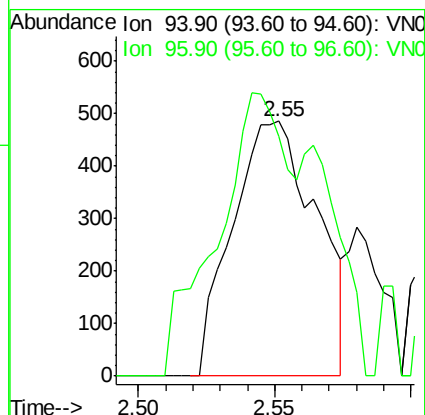
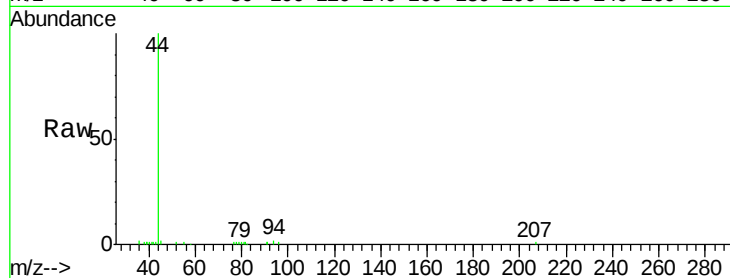
VN0611WBL02

Tgt Ion: 94 Resp: 1037

Ion Ratio Lower Upper

94 100

96 59.6 74.8 112.2#



#10

Methyl Iodide

Concen: 0.41 ug/l

RT: 3.92 min Scan# 668

Delta R.T. 0.01 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

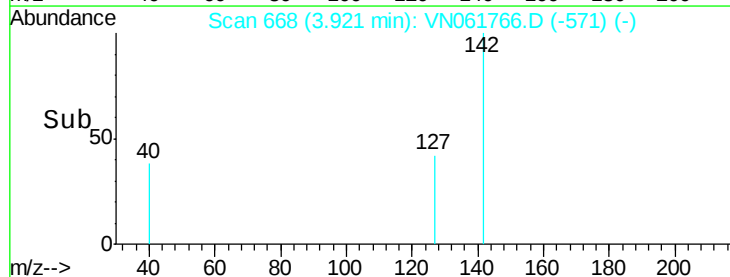
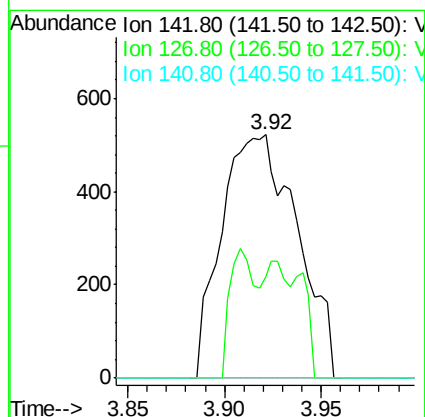
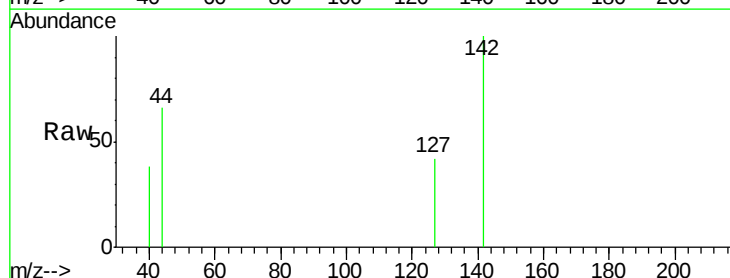
Tgt Ion: 142 Resp: 1418

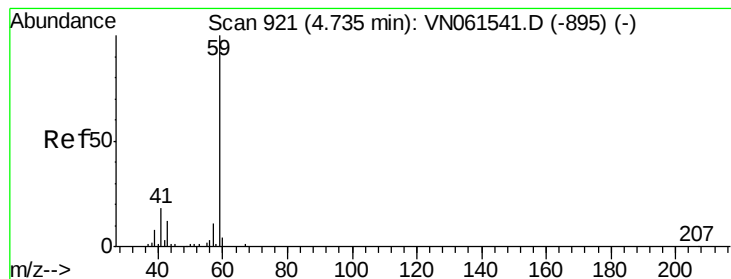
Ion Ratio Lower Upper

142 100

127 4.9 35.5 53.3#

141 0.0 11.5 17.3#





#11

Tert butyl alcohol

Concen: 0.40 ug/l

RT: 4.70 min Scan# 911

Delta R.T. -0.03 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

Instrument :

MSVOA_N

ClientSampled :

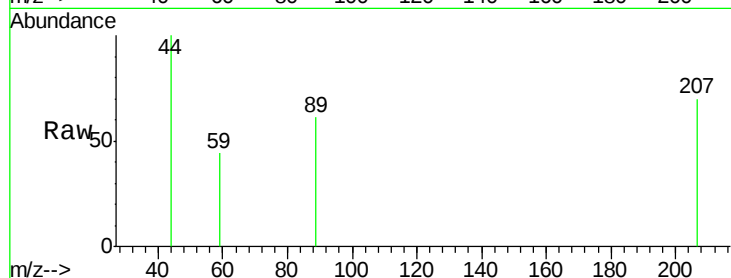
VN0611WBL02

Tgt Ion: 59 Resp: 163

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.70

150

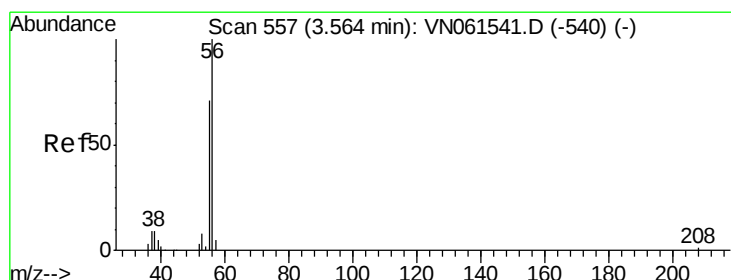
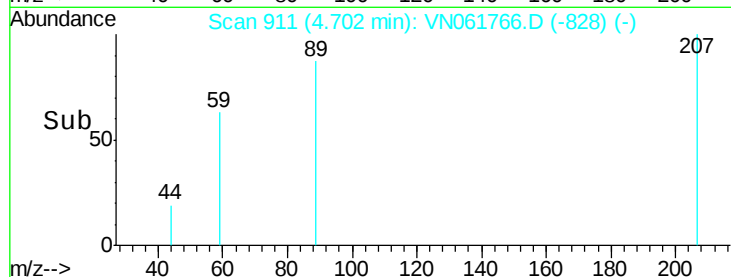
100

50

0

4.68 4.69 4.70 4.71 4.72

Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.55 min Scan# 554

Delta R.T. -0.01 min

Lab File: VN061766.D

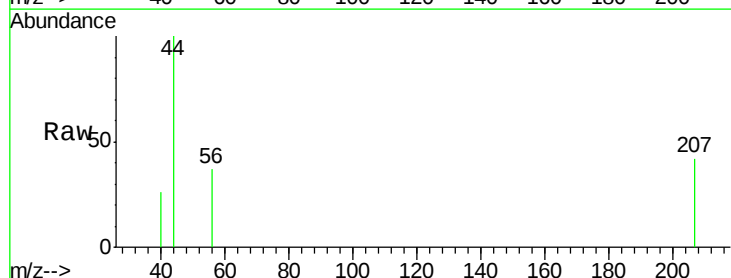
Acq: 12 Jun 2020 2:40

Tgt Ion: 56 Resp: 119

Ion Ratio Lower Upper

56 100

55 77.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.55

250

200

150

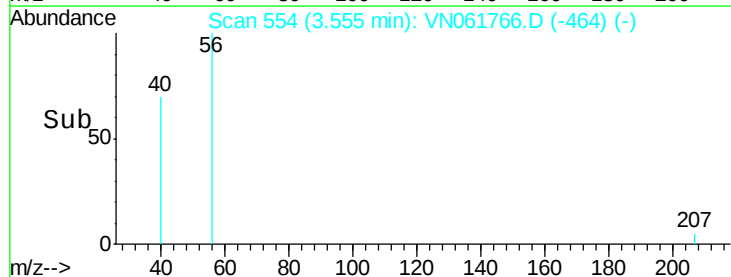
100

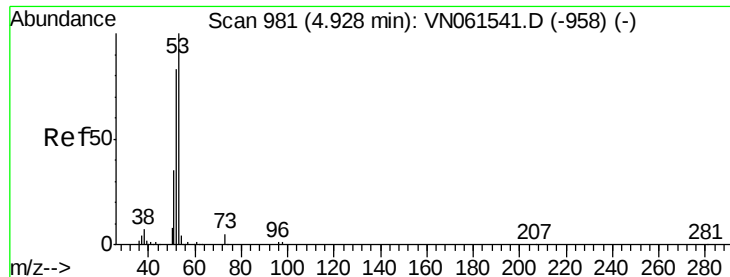
50

0

3.54 3.55 3.56 3.57

Time-->





#15

Acrylonitrile

Concen: 0.66 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.01 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

Instrument :

MSVOA_N

ClientSampled :

VN0611WBL02

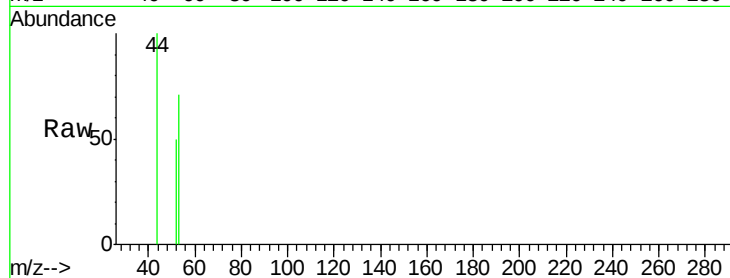
Tgt Ion: 53 Resp: 750

Ion Ratio Lower Upper

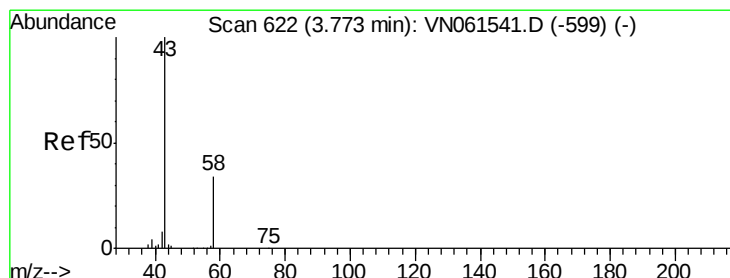
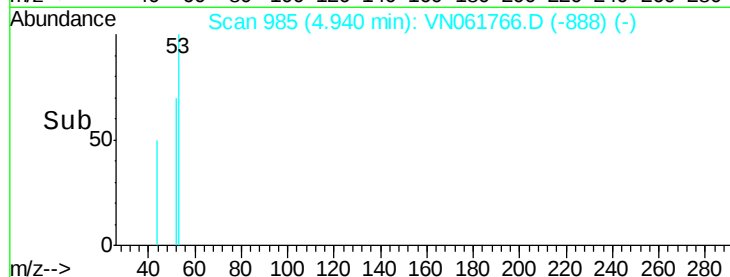
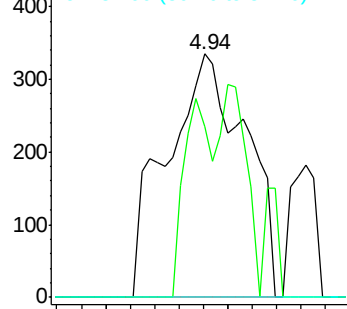
53 100

52 27.7 65.4 98.2#

51 0.0 29.0 43.6#



Abundance Ion 53.00 (52.70 to 53.70): VN061766.D (-958) (-)



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061766.D

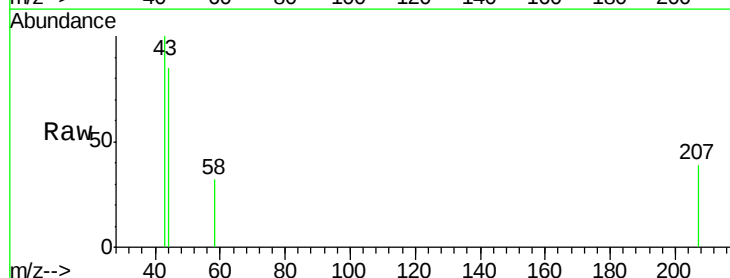
Acq: 12 Jun 2020 2:40

Tgt Ion: 43 Resp: 1111

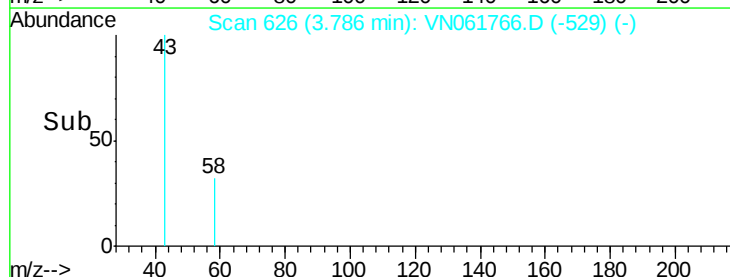
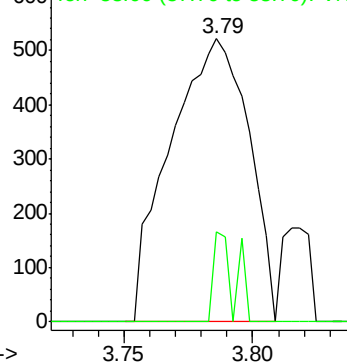
Ion Ratio Lower Upper

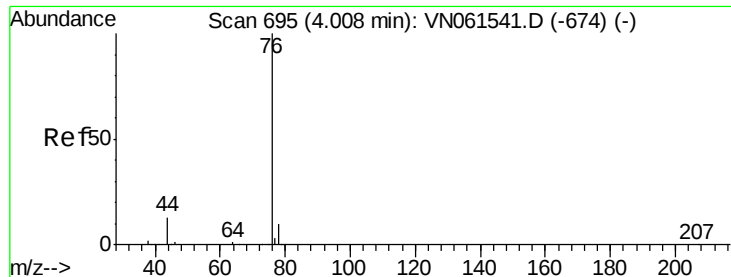
43 100

58 31.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061766.D (-529) (-)

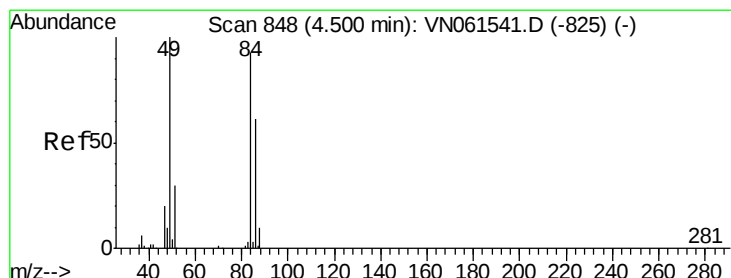
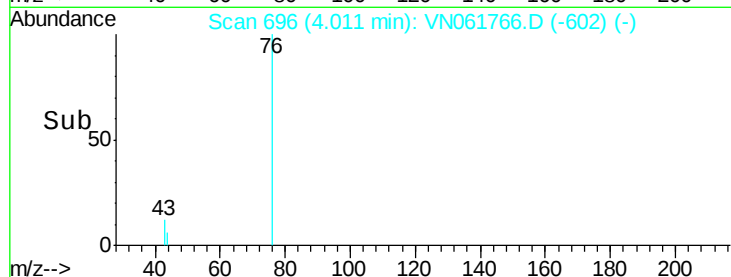
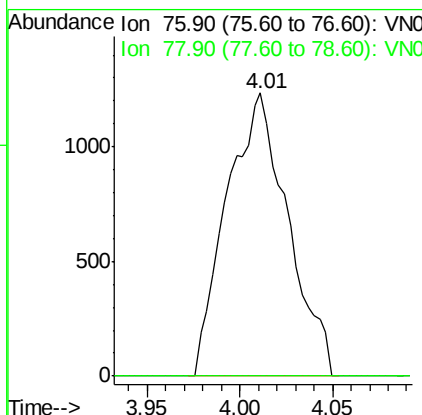
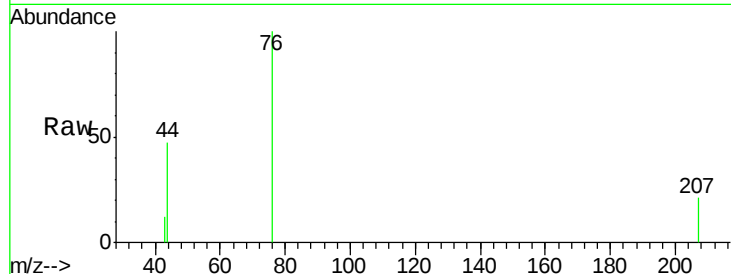




#17
Carbon Disulfide
Concen: 0.49 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

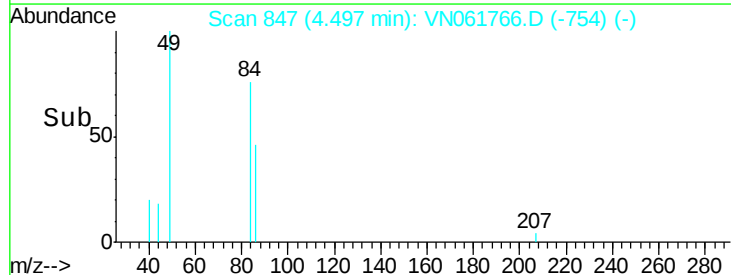
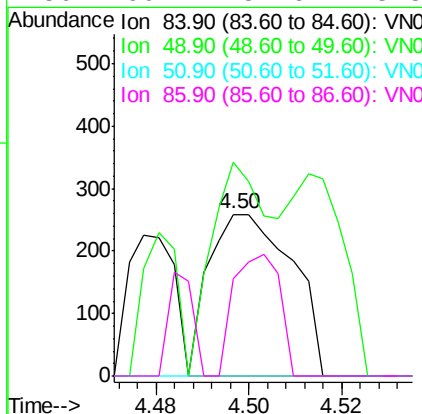
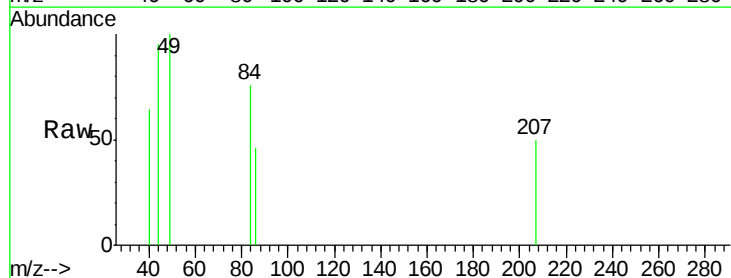
Instrument :
MSVOA_N
ClientSampled :
VN0611WBL02

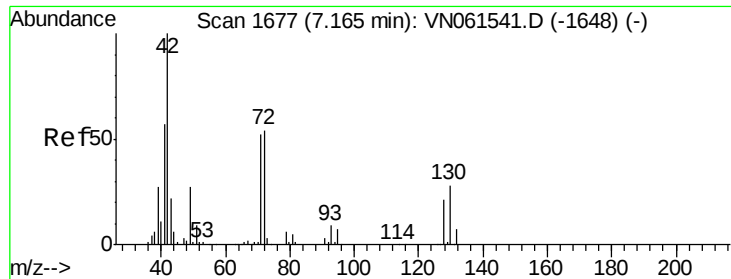
Tgt Ion: 76 Resp: 2826
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

Tgt Ion: 84 Resp: 323
Ion Ratio Lower Upper
84 100
49 132.0 85.8 128.8#
51 0.0 26.2 39.2#
86 60.2 52.6 78.8

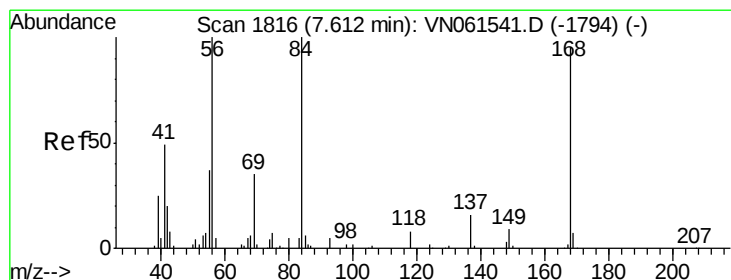
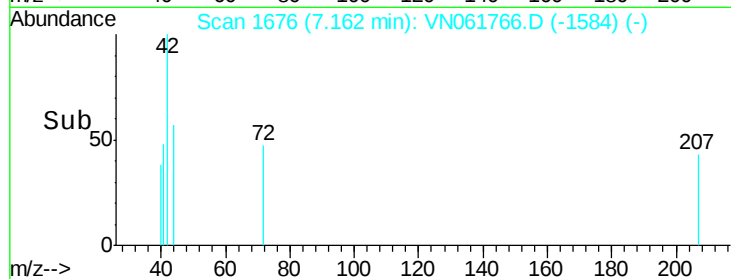
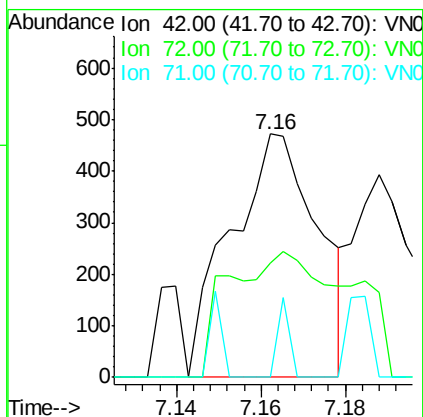
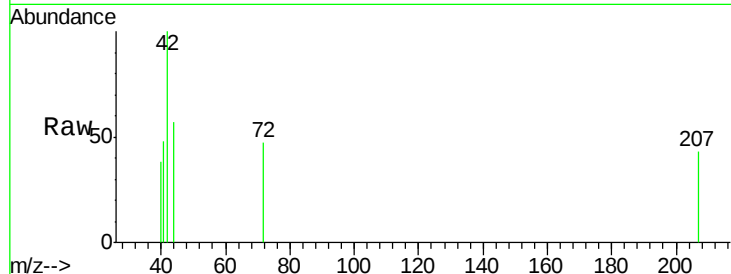




#29
Tetrahydrofuran
Concen: 0.70 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

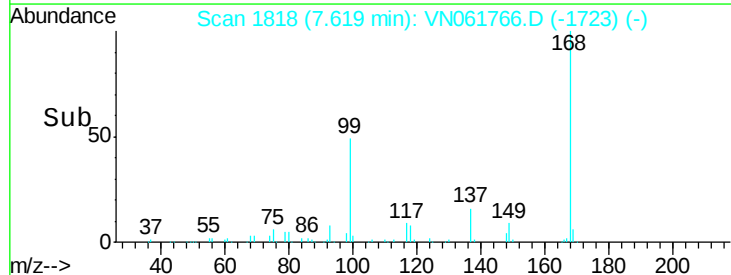
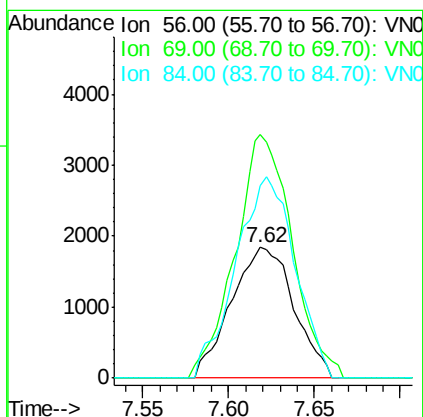
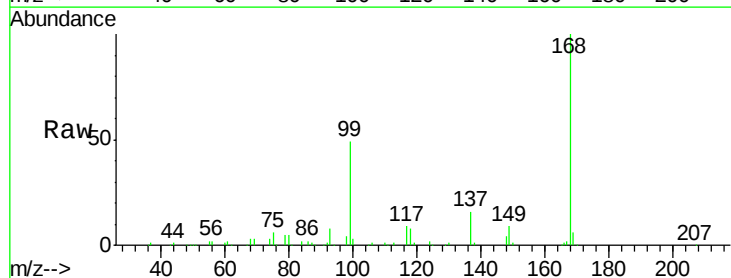
Instrument :
MSVOA_N
ClientSampled :
VN0611WBL02

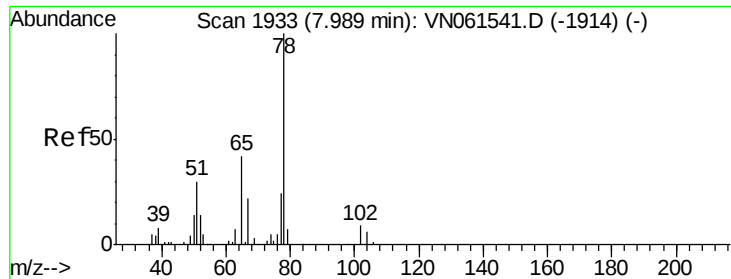
Tgt Ion: 42 Resp: 677
Ion Ratio Lower Upper
42 100
72 13.4 43.6 65.4#
71 4.4 41.2 61.8#



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

Tgt Ion: 56 Resp: 4664
Ion Ratio Lower Upper
56 100
69 186.6 27.8 41.8#
84 147.6 79.9 119.9#





#33

1,2-Dichloroethane-d4

Concen: 45.87 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

Instrument :

MSVOA_N

ClientSampleId :

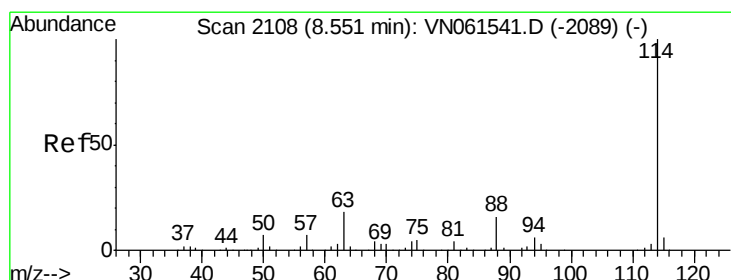
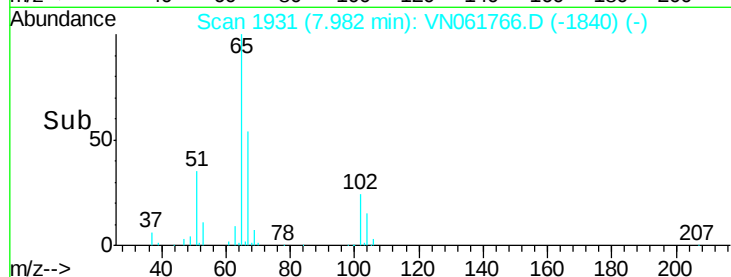
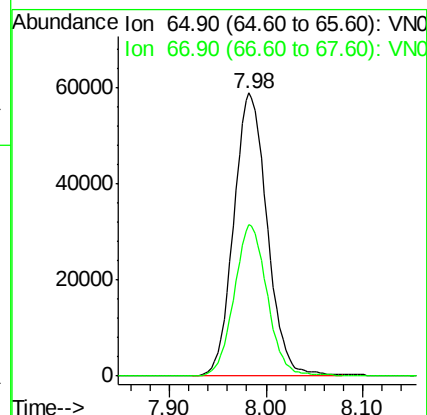
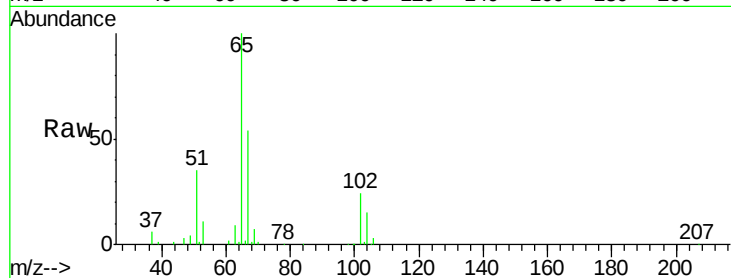
VN0611WBL02

Tgt Ion: 65 Resp: 141383

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

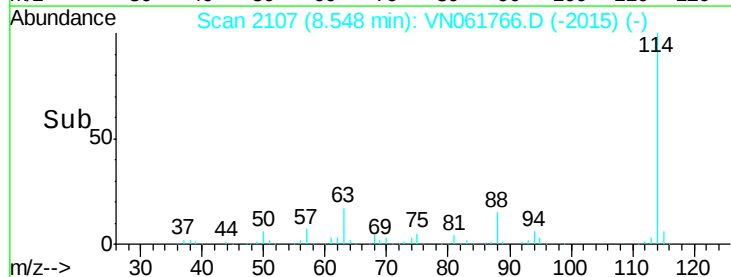
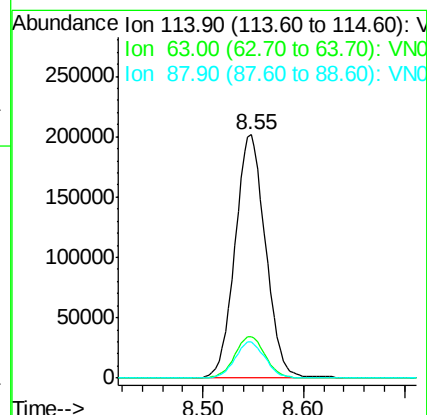
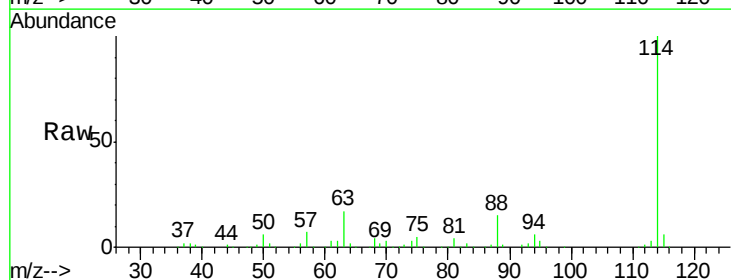
Tgt Ion: 114 Resp: 423704

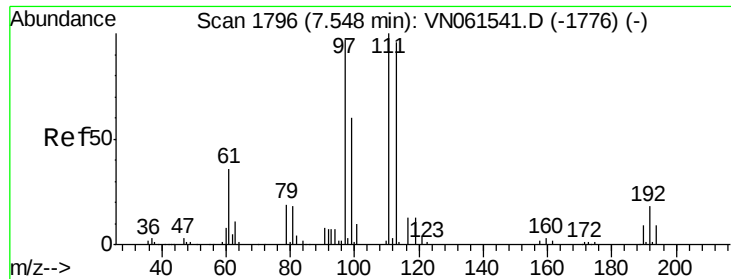
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.8

88 14.7 0.0 31.0

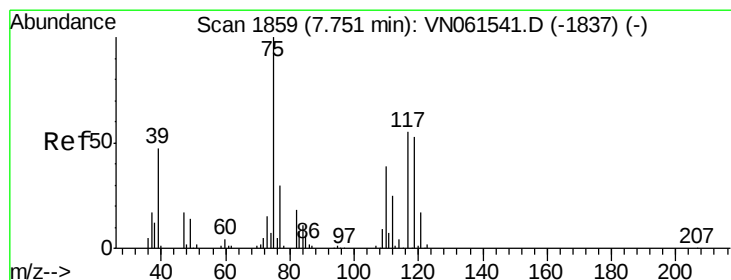
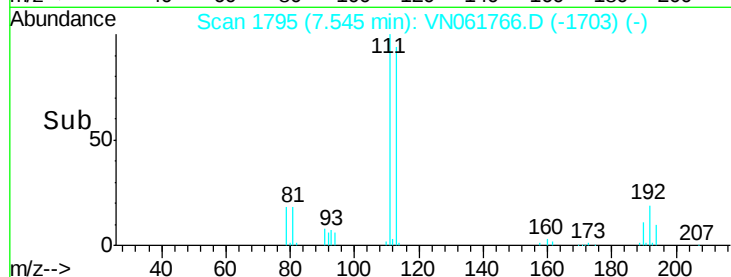
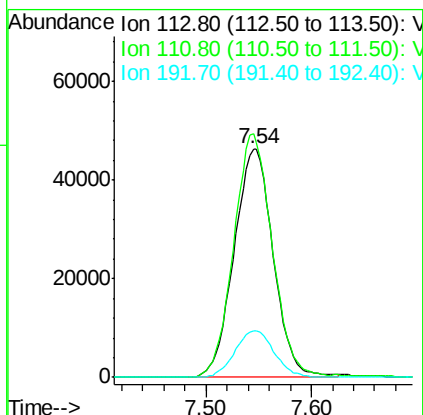
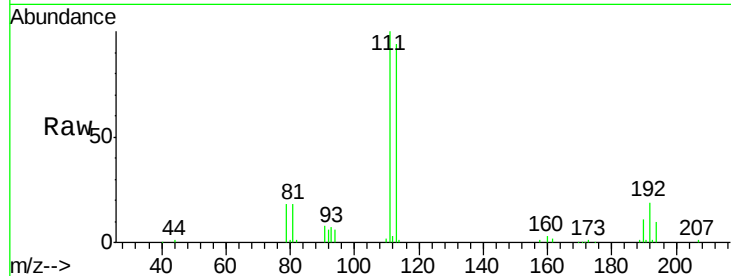




#35
Dibromofluoromethane
Concen: 55.60 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

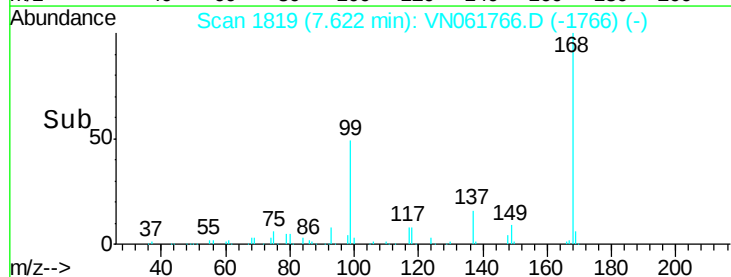
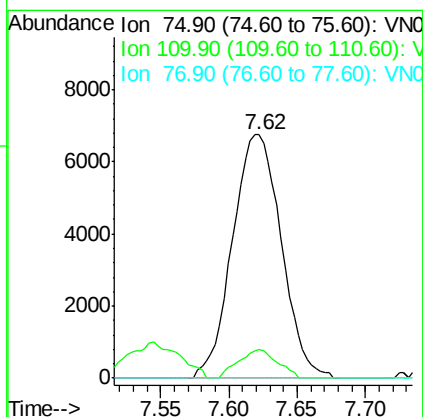
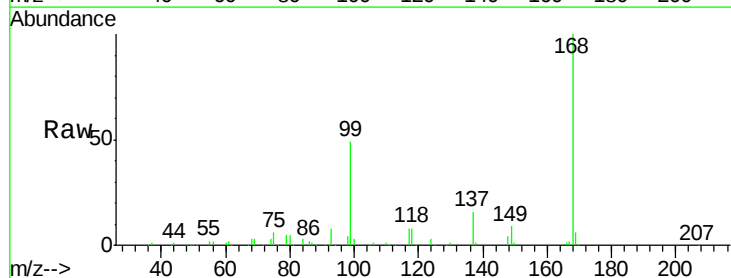
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL02

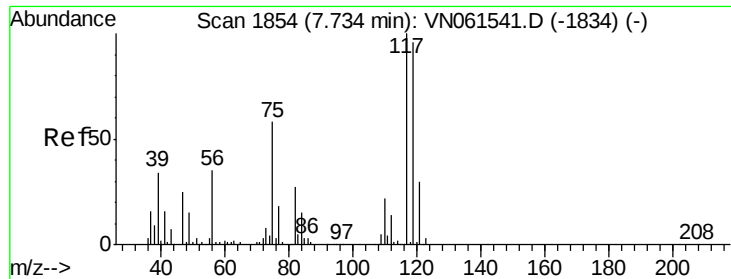
Tgt Ion:113 Resp: 119495
Ion Ratio Lower Upper
113 100
111 105.4 83.4 125.0
192 20.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.13 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

Tgt Ion: 75 Resp: 16769
Ion Ratio Lower Upper
75 100
110 9.4 19.5 58.5#
77 0.0 24.7 37.1#

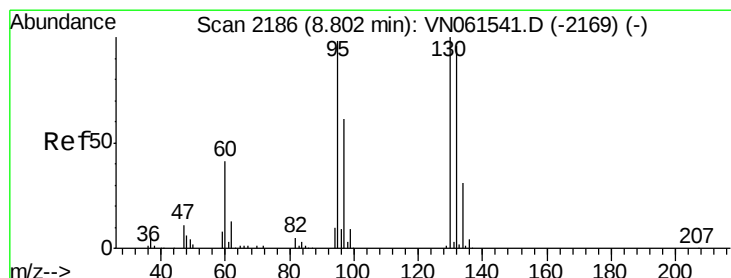
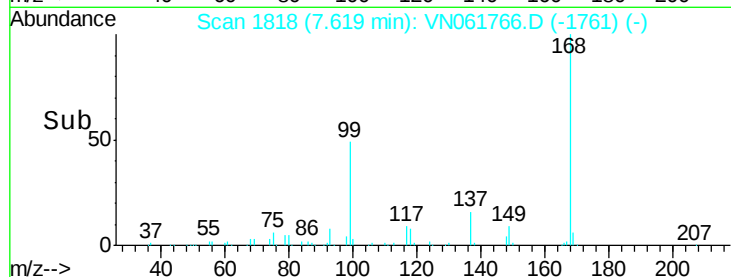
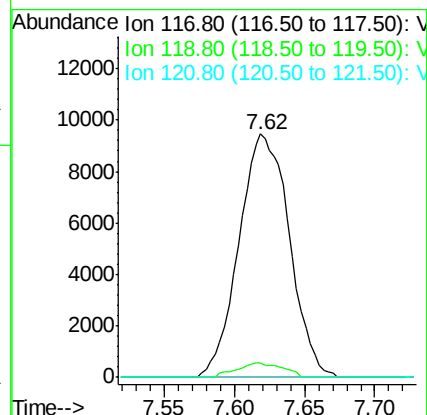
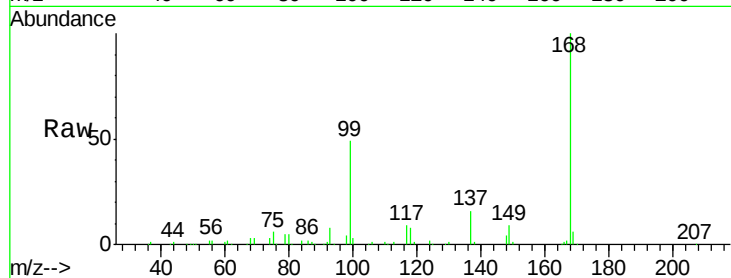




#38
Carbon Tetrachloride
Concen: 6.52 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. -0.12 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

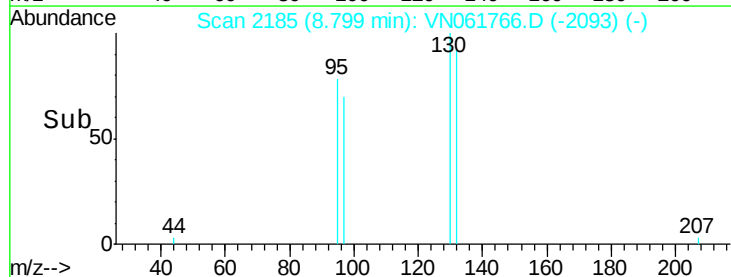
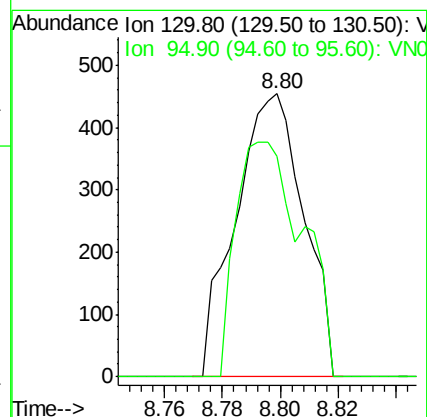
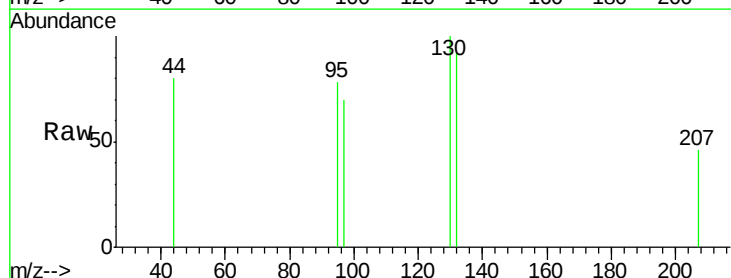
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL02

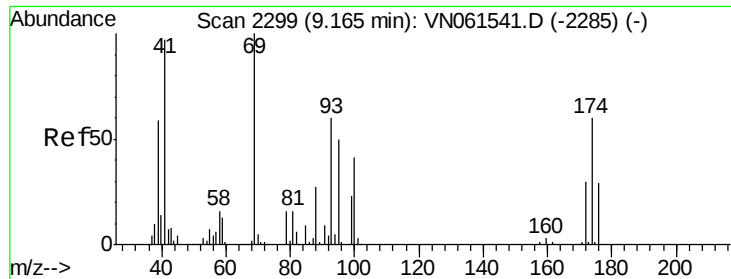
Tgt Ion:117 Resp: 23596
Ion Ratio Lower Upper
117 100
119 5.8 76.5 114.7#
121 0.0 24.1 36.1#



#44
Trichloroethene
Concen: 0.21 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

Tgt Ion:130 Resp: 742
Ion Ratio Lower Upper
130 100
95 78.0 0.0 196.6

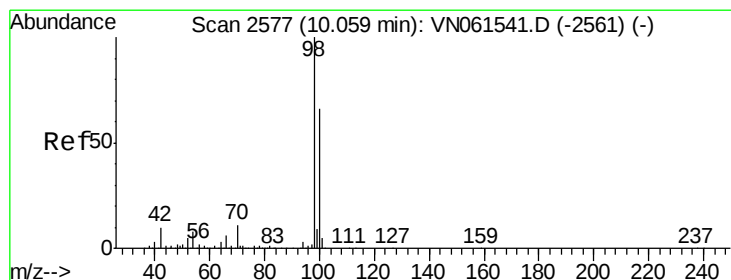
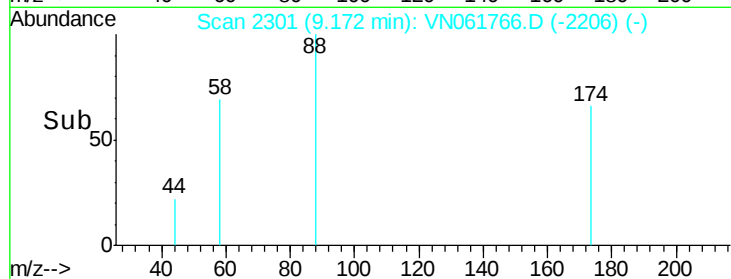
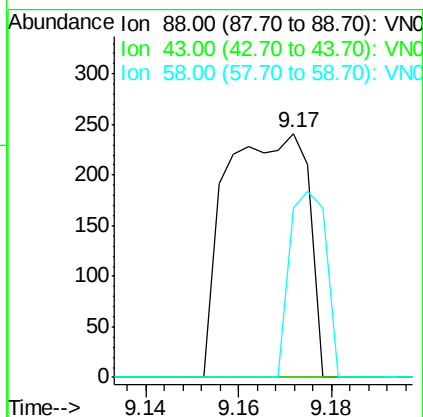
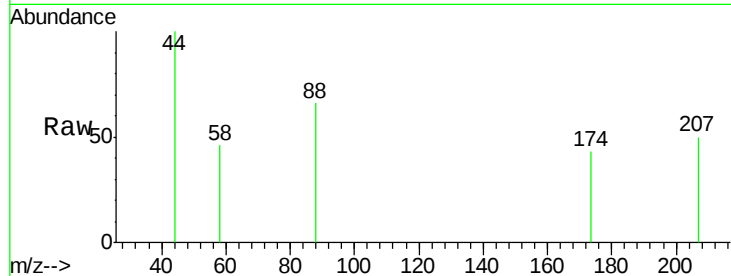




#49
 1,4-Dioxane
 Concen: 7.84 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. 0.01 min
 Lab File: VN061766.D
 Acq: 12 Jun 2020 2:40

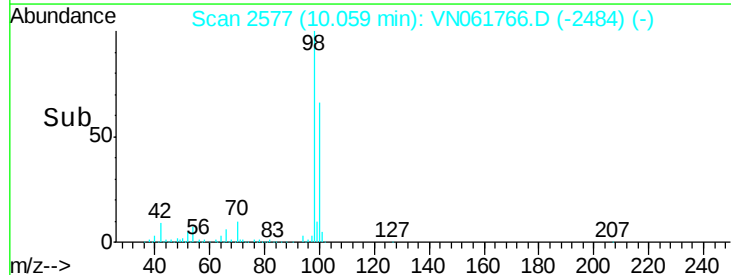
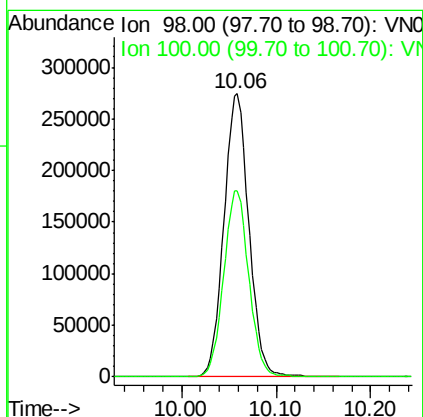
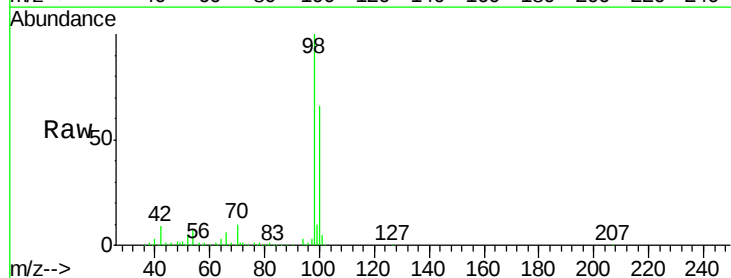
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBL02

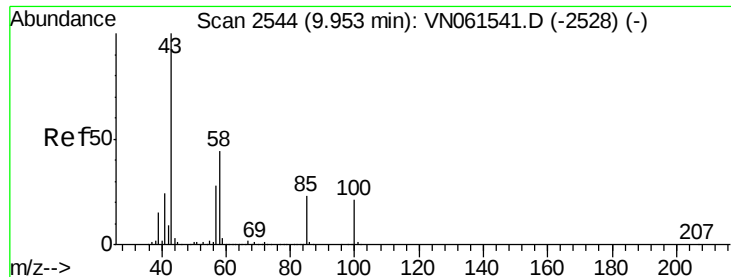
Tgt Ion: 88 Resp: 297
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.1 34.7#
 58 33.7 48.3 72.5#



#50
 Toluene-d8
 Concen: 50.66 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN061766.D
 Acq: 12 Jun 2020 2:40

Tgt Ion: 98 Resp: 504585
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.8 79.2

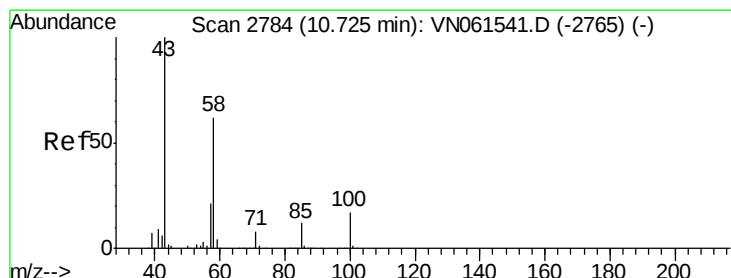
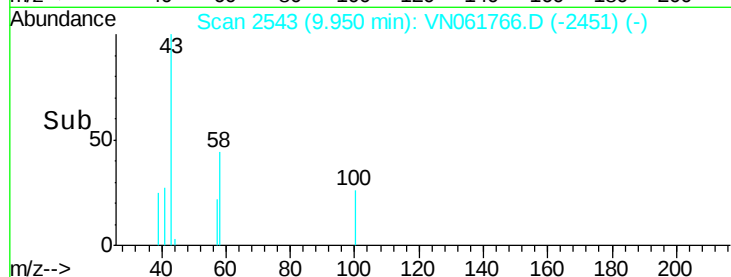
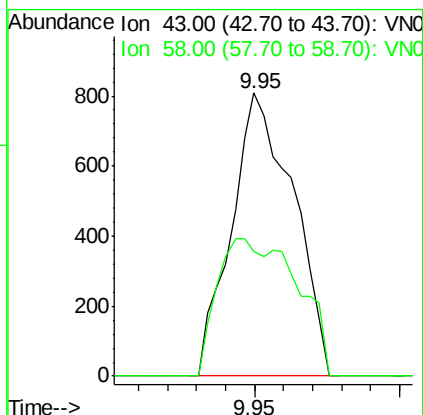
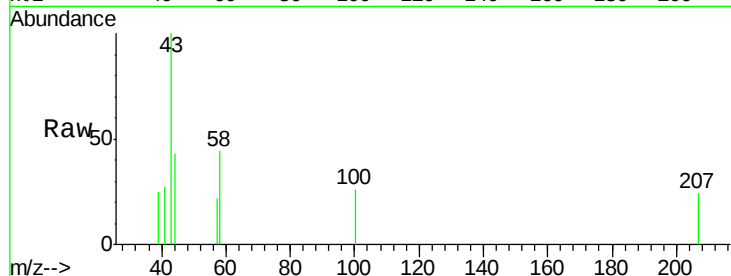




#51
 4-Methyl-2-Pentanone
 Concen: 0.39 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061766.D
 Acq: 12 Jun 2020 2:40

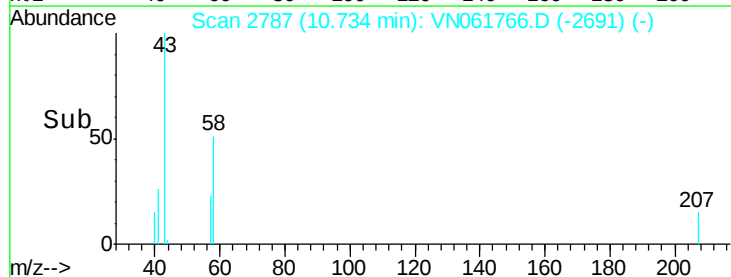
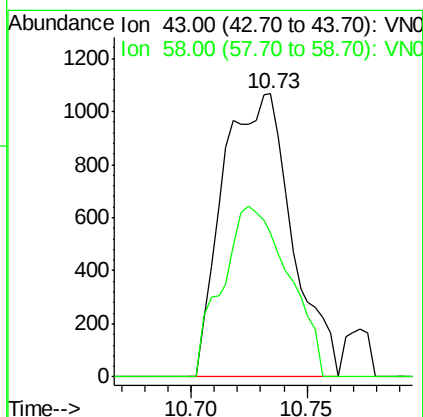
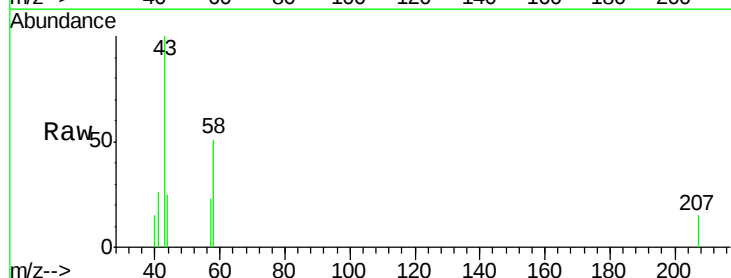
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBL02

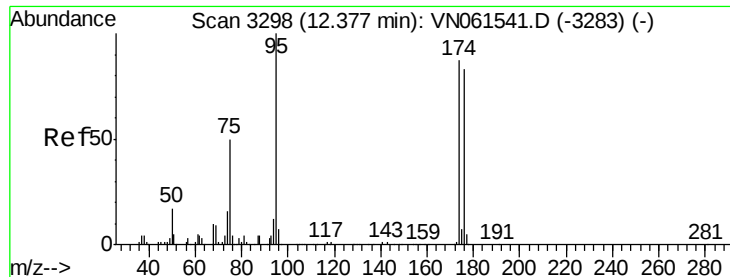
Tgt Ion: 43 Resp: 1194
 Ion Ratio Lower Upper
 43 100
 58 63.2 35.0 52.6#



#59
 2-Hexanone
 Concen: 1.00 ug/l
 RT: 10.73 min Scan# 2787
 Delta R.T. 0.01 min
 Lab File: VN061766.D
 Acq: 12 Jun 2020 2:40

Tgt Ion: 43 Resp: 2209
 Ion Ratio Lower Upper
 43 100
 58 57.8 30.7 92.1





#62

4-Bromofluorobenzene

Concen: 48.55 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBL02

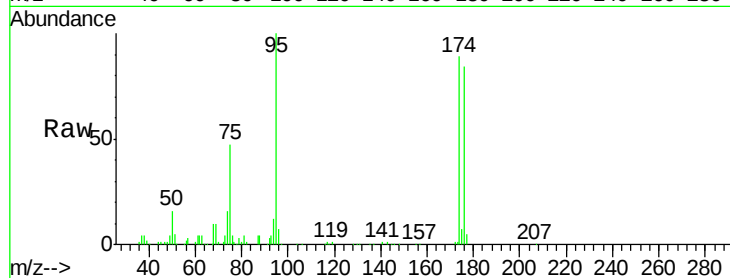
Tgt Ion: 95 Resp: 176441

Ion Ratio Lower Upper

95 100

174 88.4 0.0 172.8

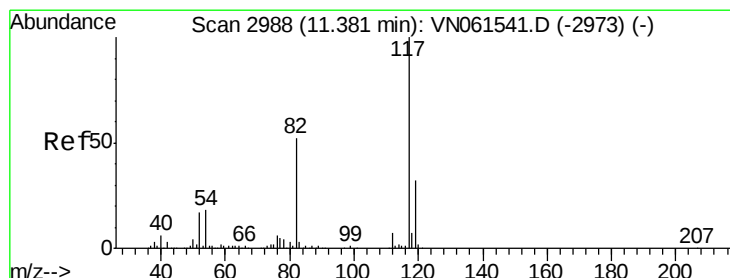
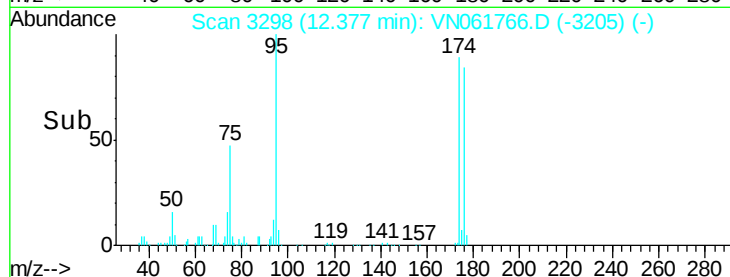
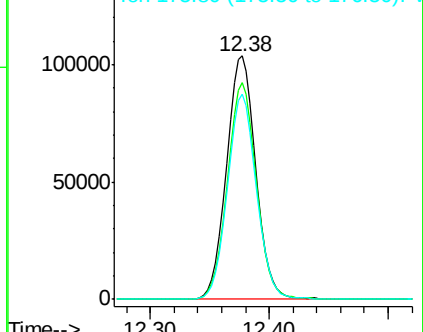
176 83.5 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.38 min Scan# 2987

Delta R.T. -0.00 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

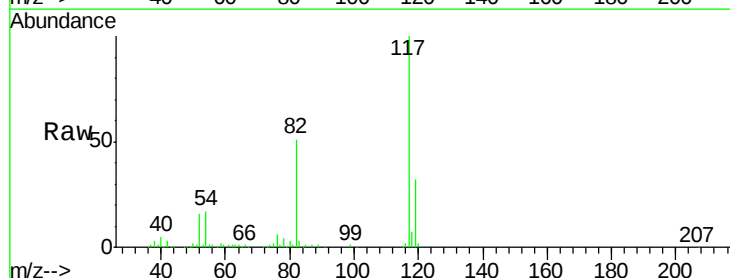
Tgt Ion: 117 Resp: 414259

Ion Ratio Lower Upper

117 100

82 51.0 41.5 62.3

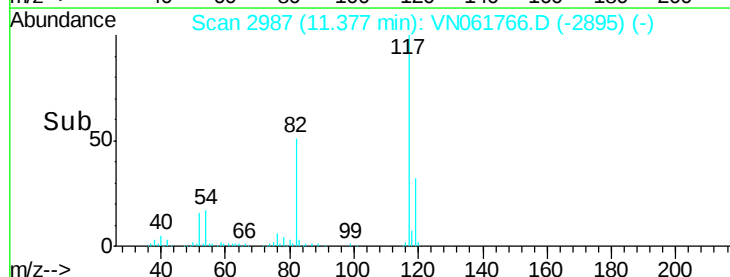
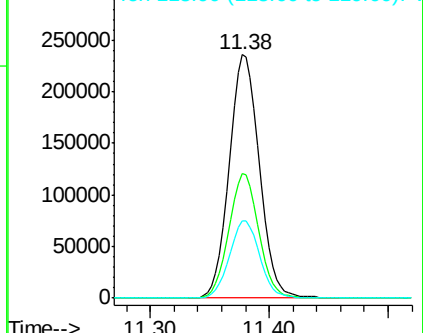
119 31.5 25.6 38.4

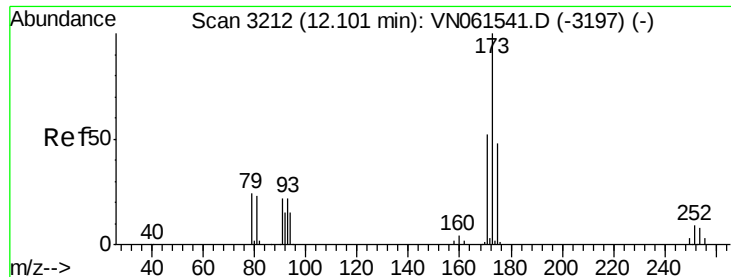


Abundance Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061541.D (-2973) (-)





#71

Bromoform

Concen: 0.58 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.28 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBL02

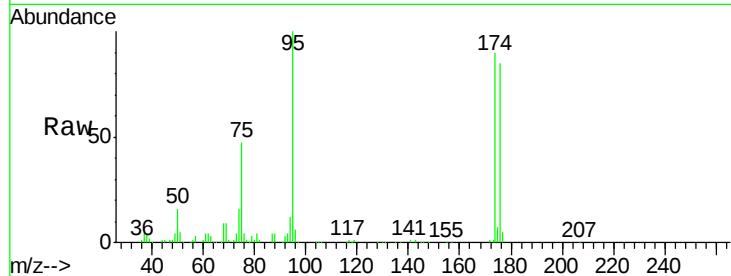
Tgt Ion:173 Resp: 1422

Ion Ratio Lower Upper

173 100

175 698.6 24.4 73.2#

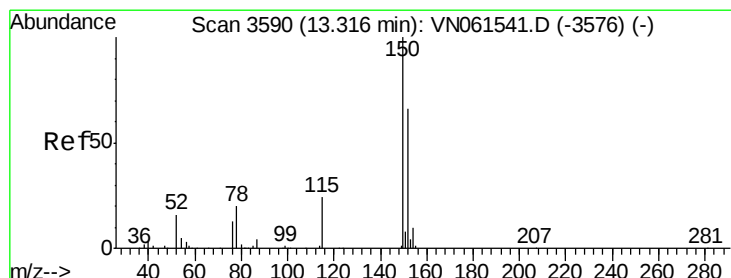
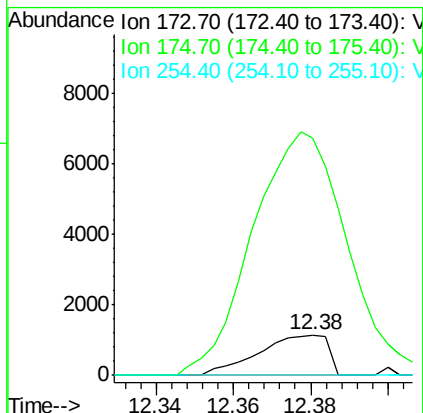
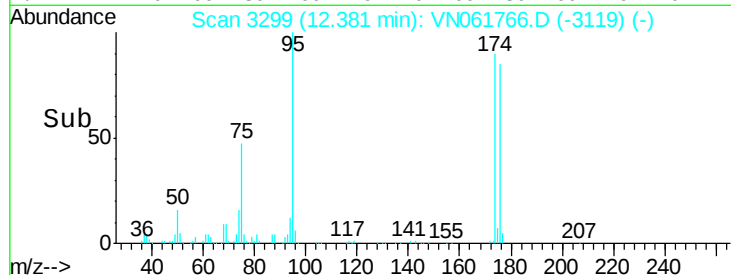
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

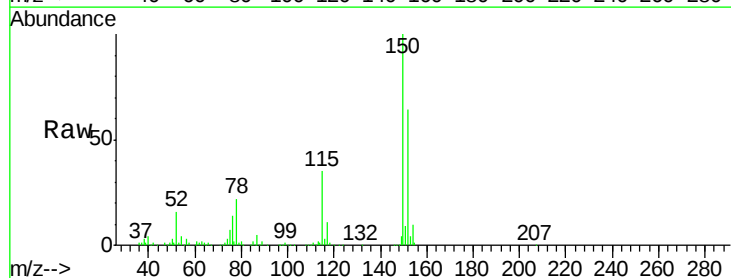
Tgt Ion:152 Resp: 182254

Ion Ratio Lower Upper

152 100

115 55.8 28.0 84.0

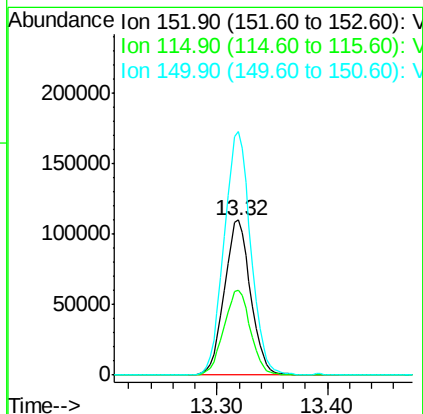
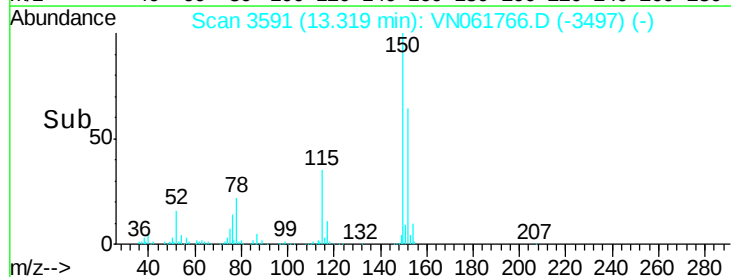
150 158.9 0.0 344.0

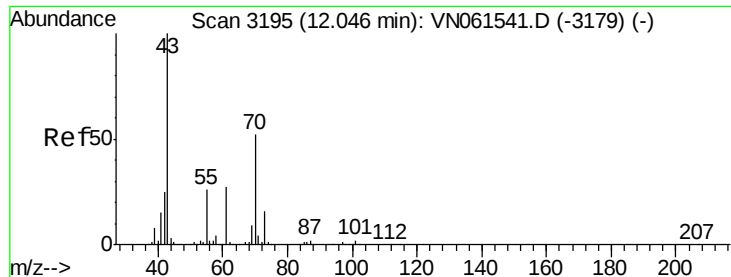


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

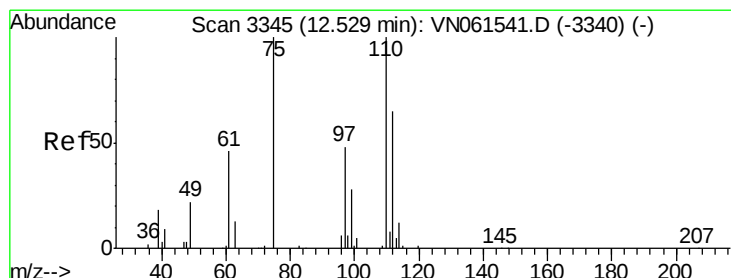
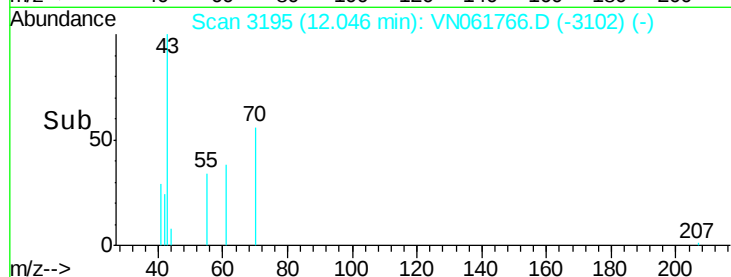
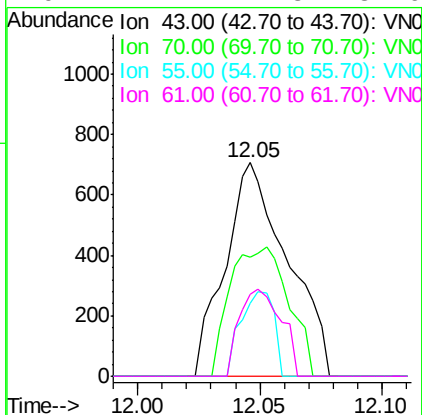
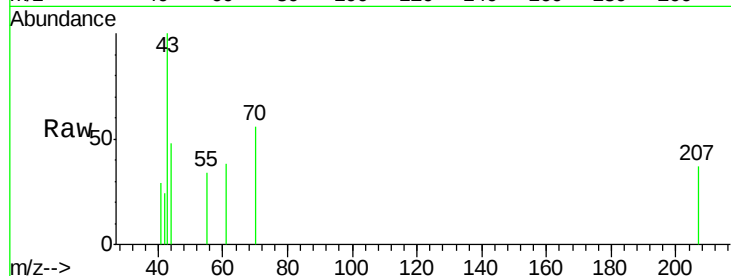




#74
N-ethyl acetate
Concen: 0.30 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

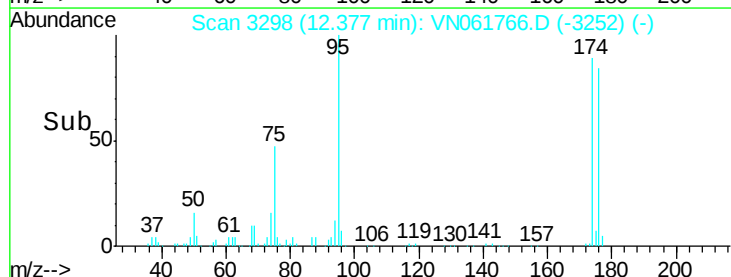
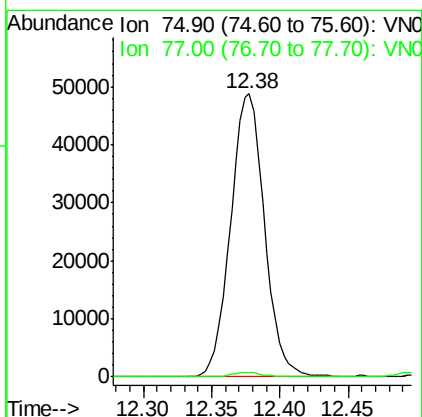
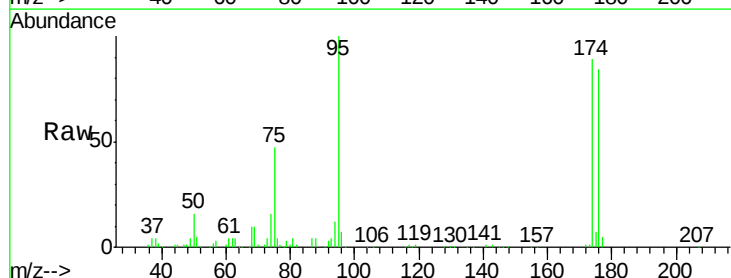
Instrument :
MSVOA_N
ClientSampled :
VN0611WBL02

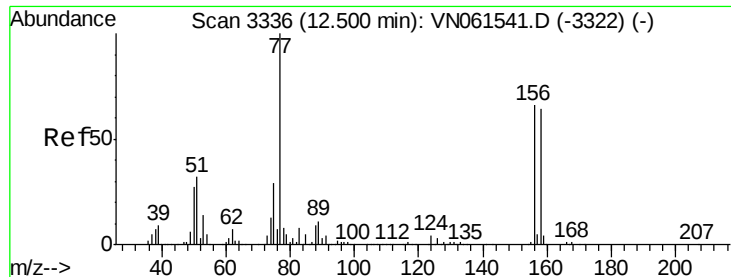
Tgt Ion:	43	Resp:	1250
Ion	Ratio	Lower	Upper
43	100		
70	57.0	40.5	60.7
55	20.9	20.6	31.0
61	27.2	21.8	32.6



#76
1,2,3-Trichloropropane
Concen: 25.38 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

Tgt Ion:	75	Resp:	84104
Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#77

Bromobenzene

Concen: 0.26 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBL02

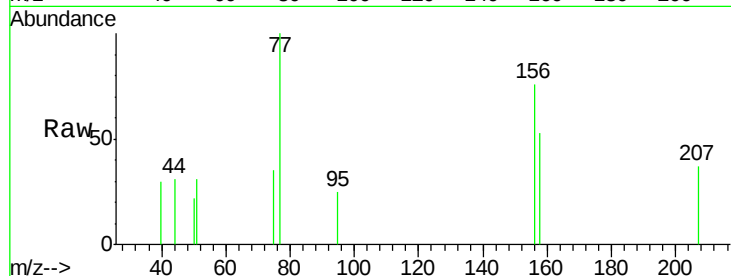
Tgt Ion:156 Resp: 880

Ion Ratio Lower Upper

156 100

77 169.9 90.9 272.7

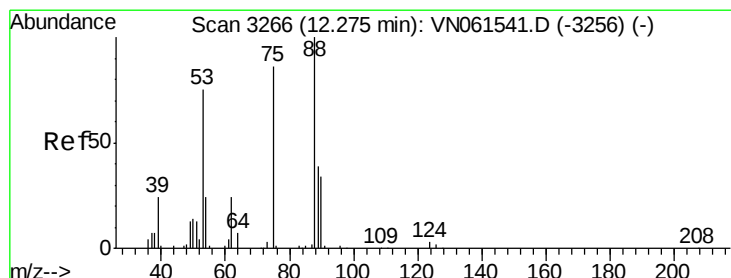
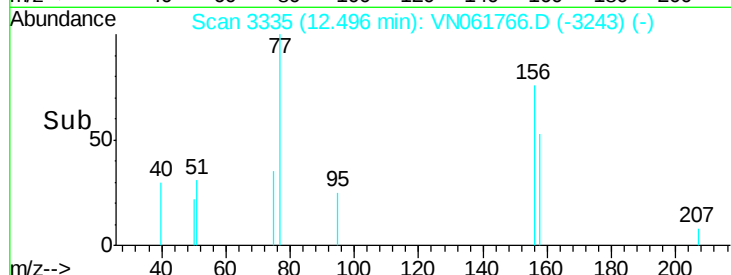
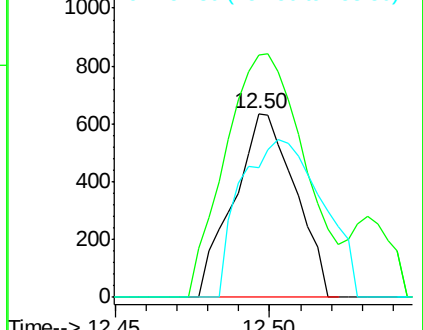
158 113.3 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 64.90 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

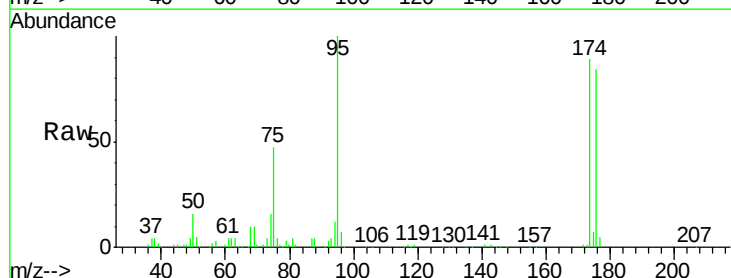
Tgt Ion: 75 Resp: 84104

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

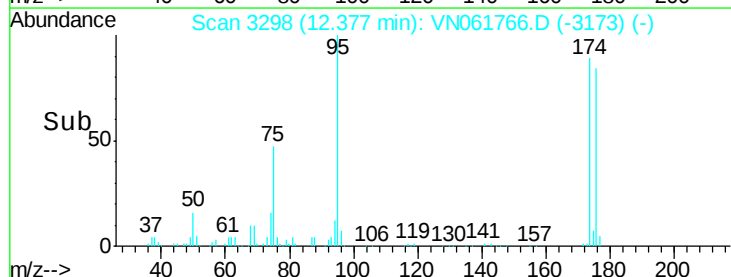
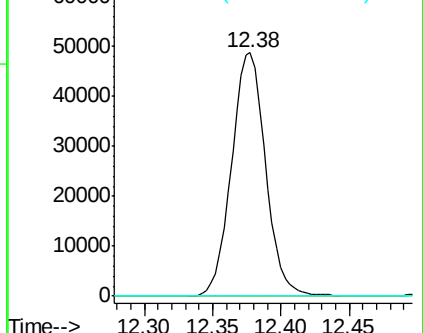
89 0.0 37.1 55.7#

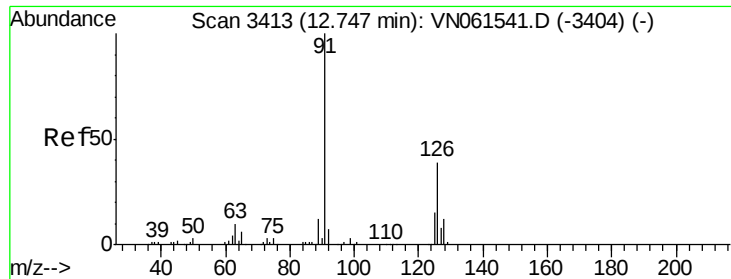


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.24 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

Instrument :

MSVOA_N

ClientSampleId :

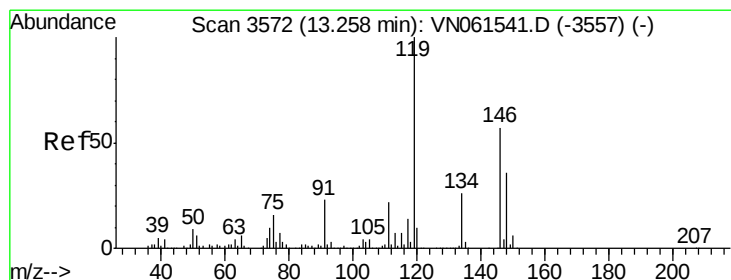
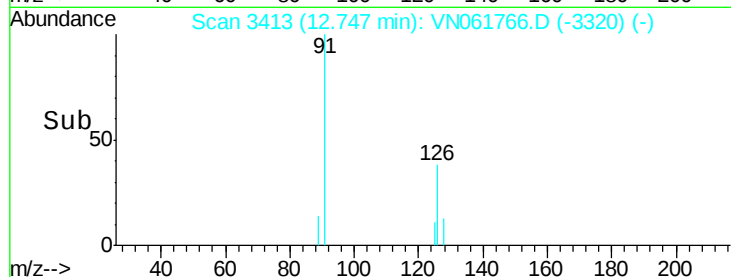
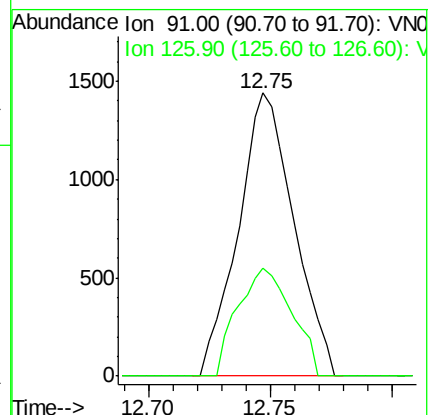
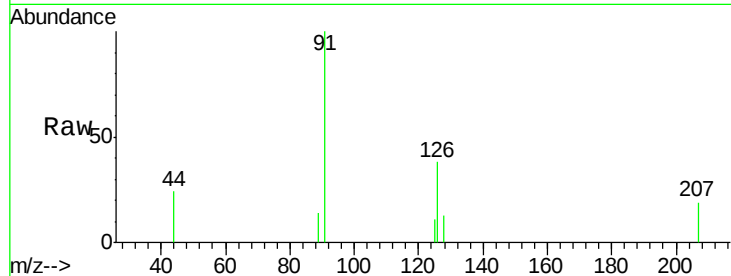
VN0611WBL02

Tgt Ion: 91 Resp: 2269

Ion Ratio Lower Upper

91 100

126 37.3 17.5 52.6



#87

1,3-Dichlorobenzene

Concen: 0.38 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN061766.D

Acq: 12 Jun 2020 2:40

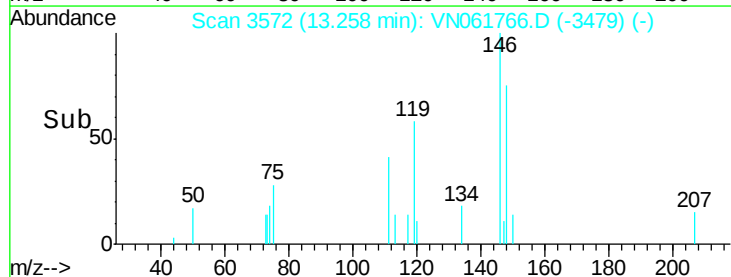
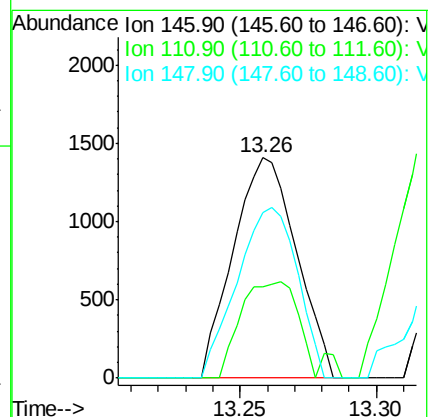
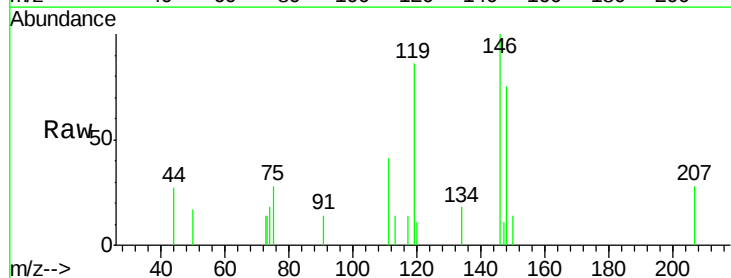
Tgt Ion: 146 Resp: 2256

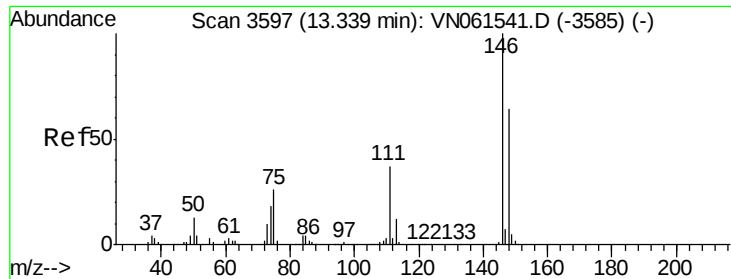
Ion Ratio Lower Upper

146 100

111 39.4 19.2 57.6

148 74.0 31.7 95.1

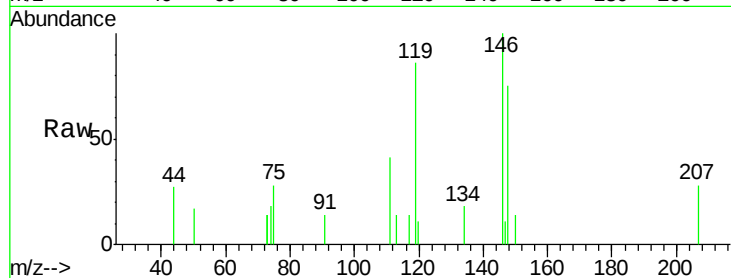




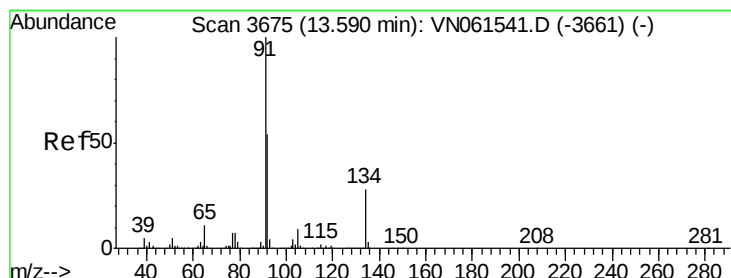
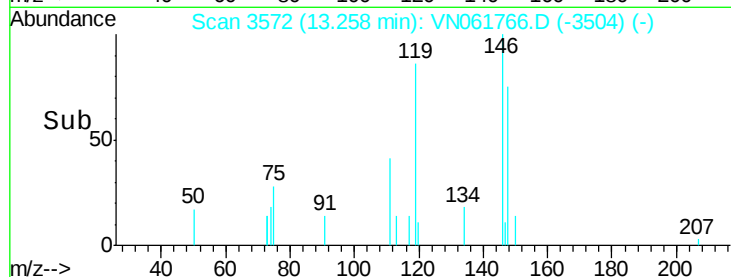
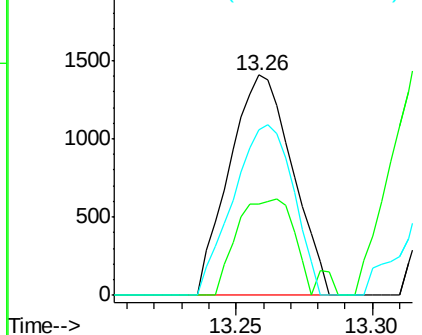
#88
1,4-Dichlorobenzene
Concen: 0.37 ug/l
RT: 13.26 min Scan# 3572
Delta R.T. -0.08 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL02

Tgt Ion: 146 Resp: 2256
Ion Ratio Lower Upper
146 100
111 39.4 18.9 56.9
148 74.0 31.8 95.3

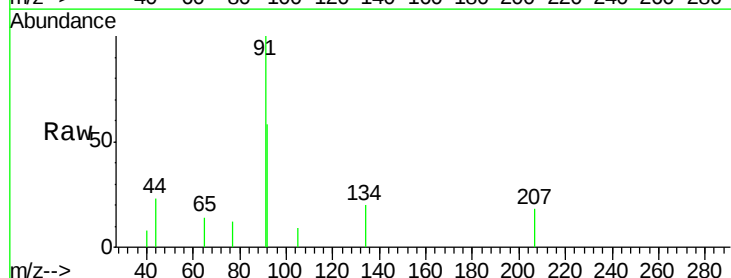


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

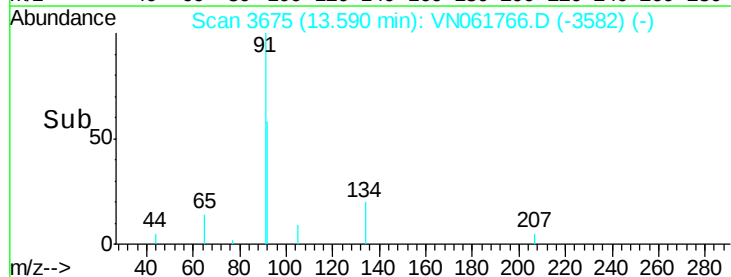
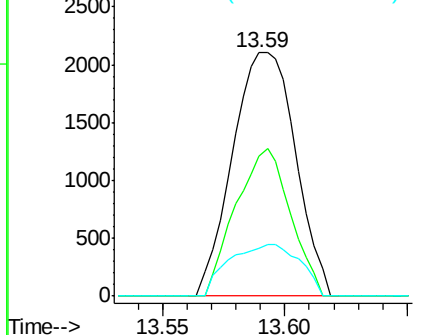


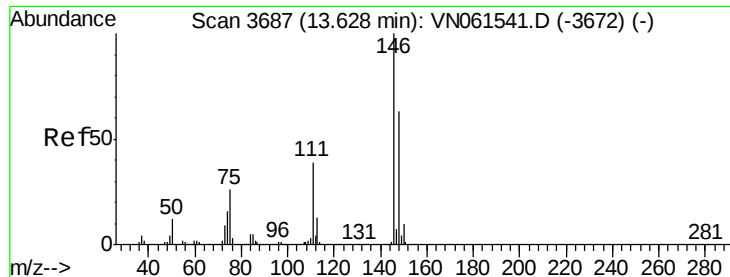
#89
n-Butylbenzene
Concen: 0.39 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

Tgt Ion: 91 Resp: 3769
Ion Ratio Lower Upper
91 100
92 52.6 27.2 81.6
134 23.8 14.0 42.0



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

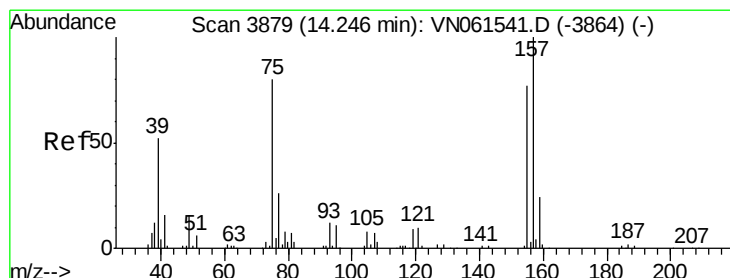
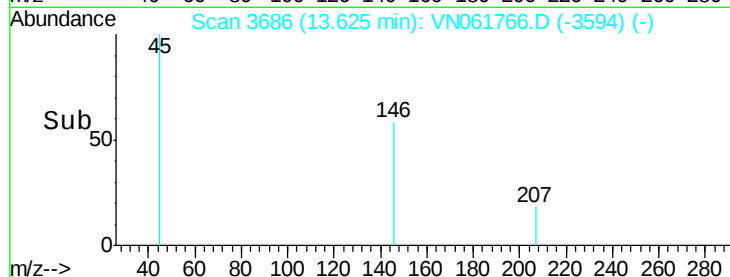
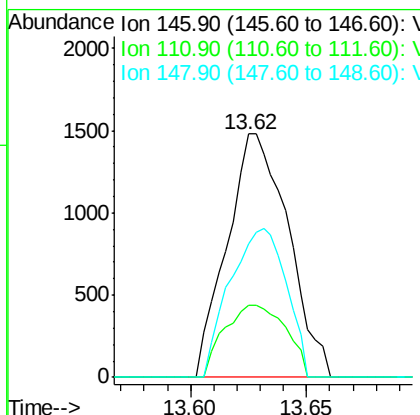
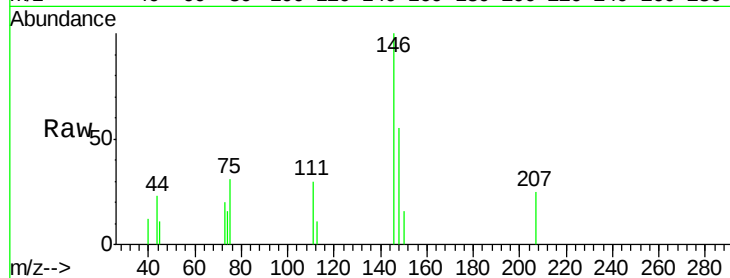




#91
 1,2-Dichlorobenzene
 Concen: 0.47 ug/l
 RT: 13.62 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN061766.D
 Acq: 12 Jun 2020 2:40

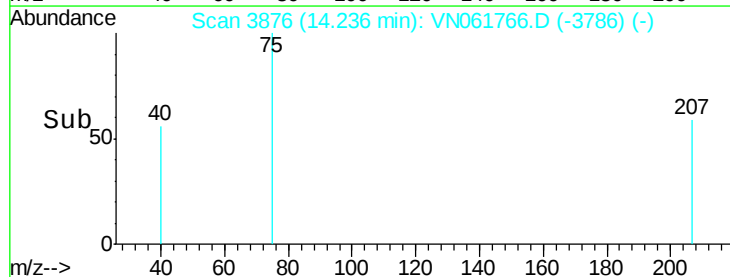
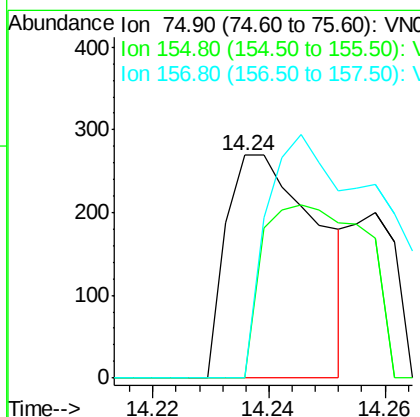
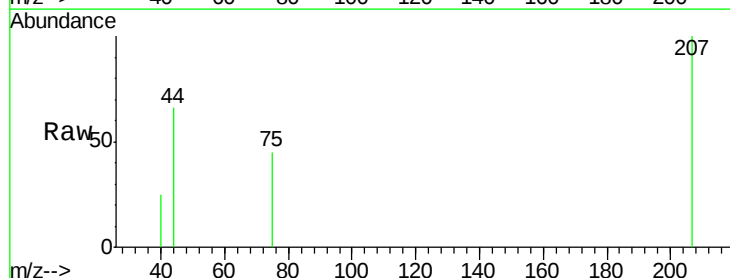
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBL02

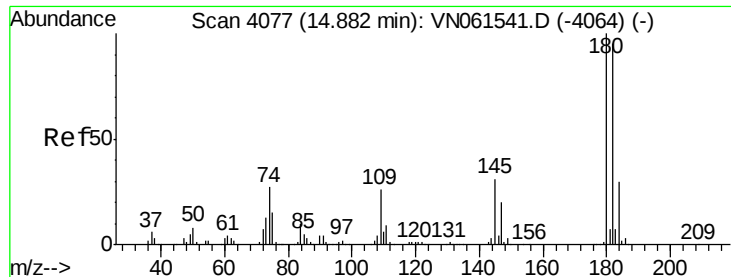
Tgt Ion: 146 Resp: 2709
 Ion Ratio Lower Upper
 146 100
 111 29.9 20.1 60.2
 148 56.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.39 ug/l
 RT: 14.24 min Scan# 3876
 Delta R.T. -0.01 min
 Lab File: VN061766.D
 Acq: 12 Jun 2020 2:40

Tgt Ion: 75 Resp: 295
 Ion Ratio Lower Upper
 75 100
 155 87.5 47.1 141.4
 157 134.6 60.3 180.8

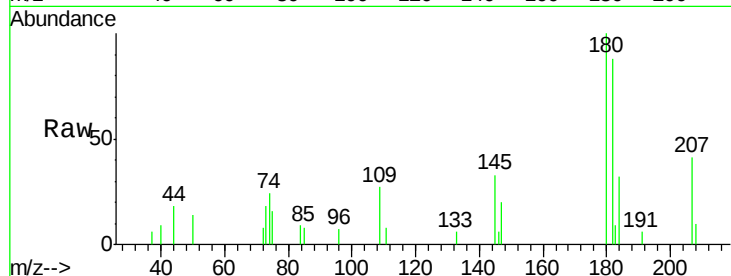




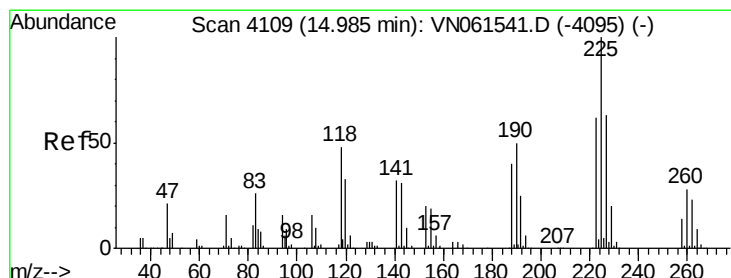
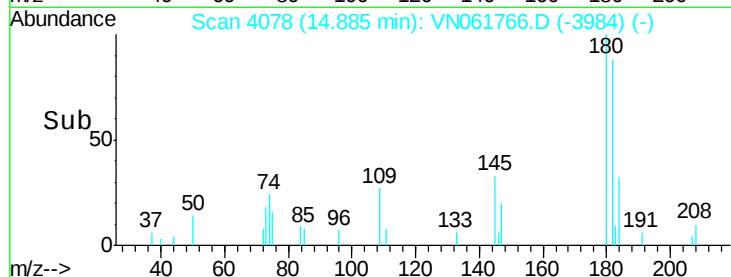
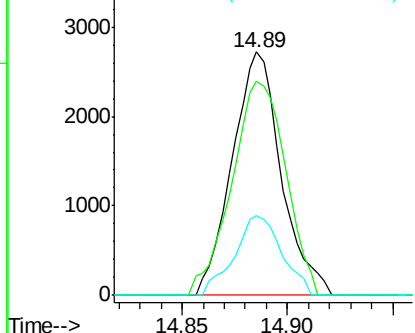
#93
 1,2,4-Trichlorobenzene
 Concen: 1.31 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061766.D
 Acq: 12 Jun 2020 2:40

Instrument :
 MSVOA_N
 ClientSampled :
 VN0611WBL02

Tgt Ion:180 Resp: 4393
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.8 143.3
 145 31.6 15.5 46.5

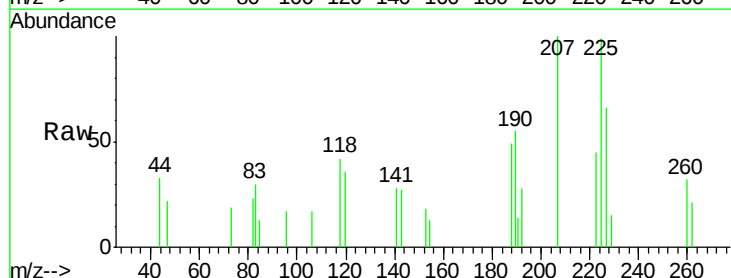


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

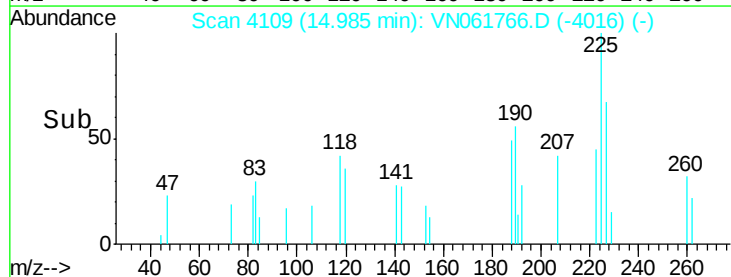
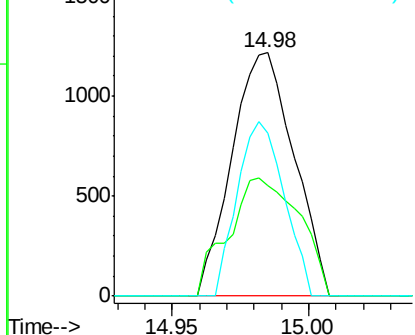


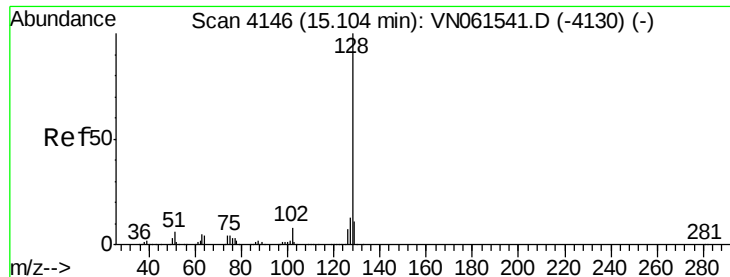
#94
 Hexachlorobutadiene
 Concen: 1.34 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061766.D
 Acq: 12 Jun 2020 2:40

Tgt Ion:225 Resp: 1921
 Ion Ratio Lower Upper
 225 100
 223 55.6 31.9 95.5
 227 53.9 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

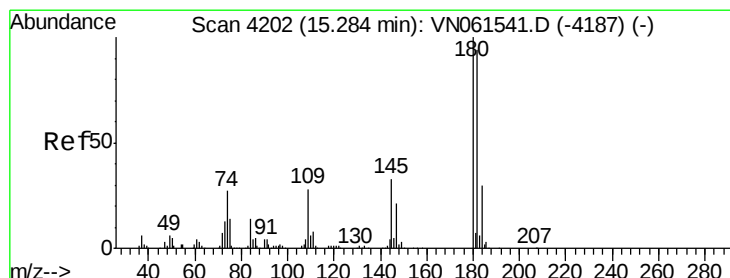
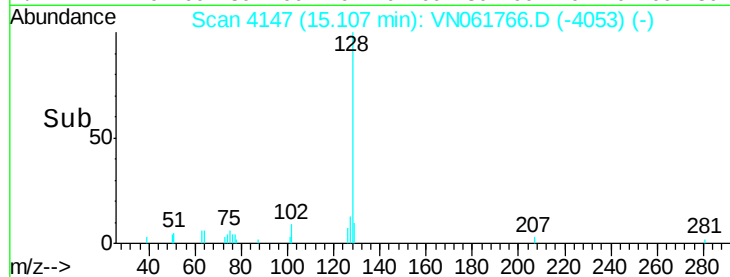
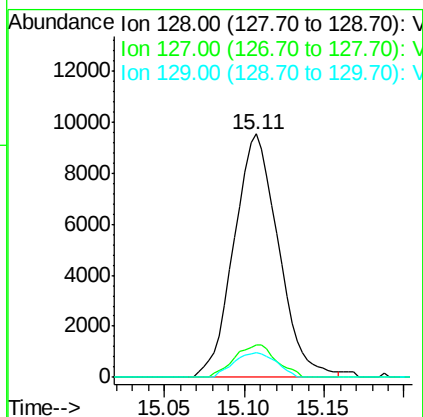
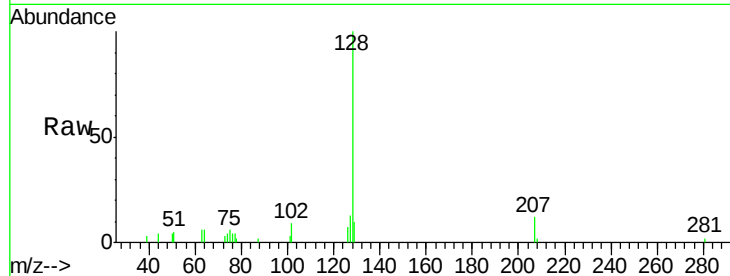




#95
Naphthalene
Concen: 1.77 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL02

Tgt Ion:128 Resp: 18109
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 9.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 1.56 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061766.D
Acq: 12 Jun 2020 2:40

Tgt Ion:180 Resp: 5161
Ion Ratio Lower Upper
180 100
182 100.3 47.1 141.3
145 24.7 16.3 48.9

