

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061743.D
 Acq On : 11 Jun 2020 13:36
 Operator : JC/MD
 Sample : VN0611WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBL01

Quant Time: Jun 12 05:03:05 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	289518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	475788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	466557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208847	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	157337	45.61	ug/l	0.00
Spiked Amount			Recovery	=	91.22%	
35) Dibromofluoromethane	7.54	113	133139	55.16	ug/l	0.00
Spiked Amount			Recovery	=	110.32%	
50) Toluene-d8	10.06	98	564430	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.38	95	197190	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	147	1.191	ug/l #	43
3) Chloromethane	2.04	50	1573	0.445	ug/l #	87
5) Bromomethane	2.54	94	1522	0.548	ug/l	99
10) Methyl Iodide	3.92	142	1768	0.460	ug/l #	60
11) Tert butyl alcohol	4.73	59	123	0.268	ug/l #	72
13) Acrolein	3.58	56	35	Below Cal	#	13
15) Acrylonitrile	4.92	53	309	0.241	ug/l #	54
16) Acetone	3.79	43	1723	Below Cal		93
17) Carbon Disulfide	4.01	76	4276	0.657	ug/l #	74
20) Methylene Chloride	4.49	84	343	Below Cal	#	75
21) trans-1,2-Dichloroethene	4.97	96	758	0.227	ug/l #	47
25) 2-Butanone	6.80	43	1064	0.651	ug/l #	42
29) Tetrahydrofuran	7.17	42	703	0.652	ug/l #	41
31) Cyclohexane	7.62	56	5386	1.108	ug/l #	15
38) Carbon Tetrachloride	7.63	117	26388	6.495	ug/l #	16
44) Trichloroethene	8.80	130	811	0.203	ug/l	85
49) 1,4-Dioxane	9.17	88	354	8.321	ug/l #	29
51) 4-Methyl-2-Pentanone	9.95	43	1897	0.552	ug/l	90
59) 2-Hexanone	10.72	43	1882	0.762	ug/l	84
68) m/p-Xylenes	11.60	106	1770	0.266	ug/l	99
71) Bromoform	12.37	173	1823	0.655	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	97360	25.637	ug/l #	100
78) n-propylbenzene	12.57	91	3823	0.225	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.38	75	97360	65.560	ug/l #	15
82) 4-Chlorotoluene	12.75	91	2690	0.252	ug/l	92
85) sec-Butylbenzene	13.15	105	3648	0.251	ug/l	91
86) p-Isopropyltoluene	13.26	119	3272	0.245	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	2220	0.322	ug/l	95
88) 1,4-Dichlorobenzene	13.26	146	2220	0.316	ug/l	95
89) n-Butylbenzene	13.59	91	4977	0.445	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	1826	0.277	ug/l	90
93) 1,2,4-Trichlorobenzene	14.89	180	2350	0.610	ug/l	96
94) Hexachlorobutadiene	14.98	225	2487	1.514	ug/l	96
95) Naphthalene	15.11	128	6326	0.540	ug/l #	92

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

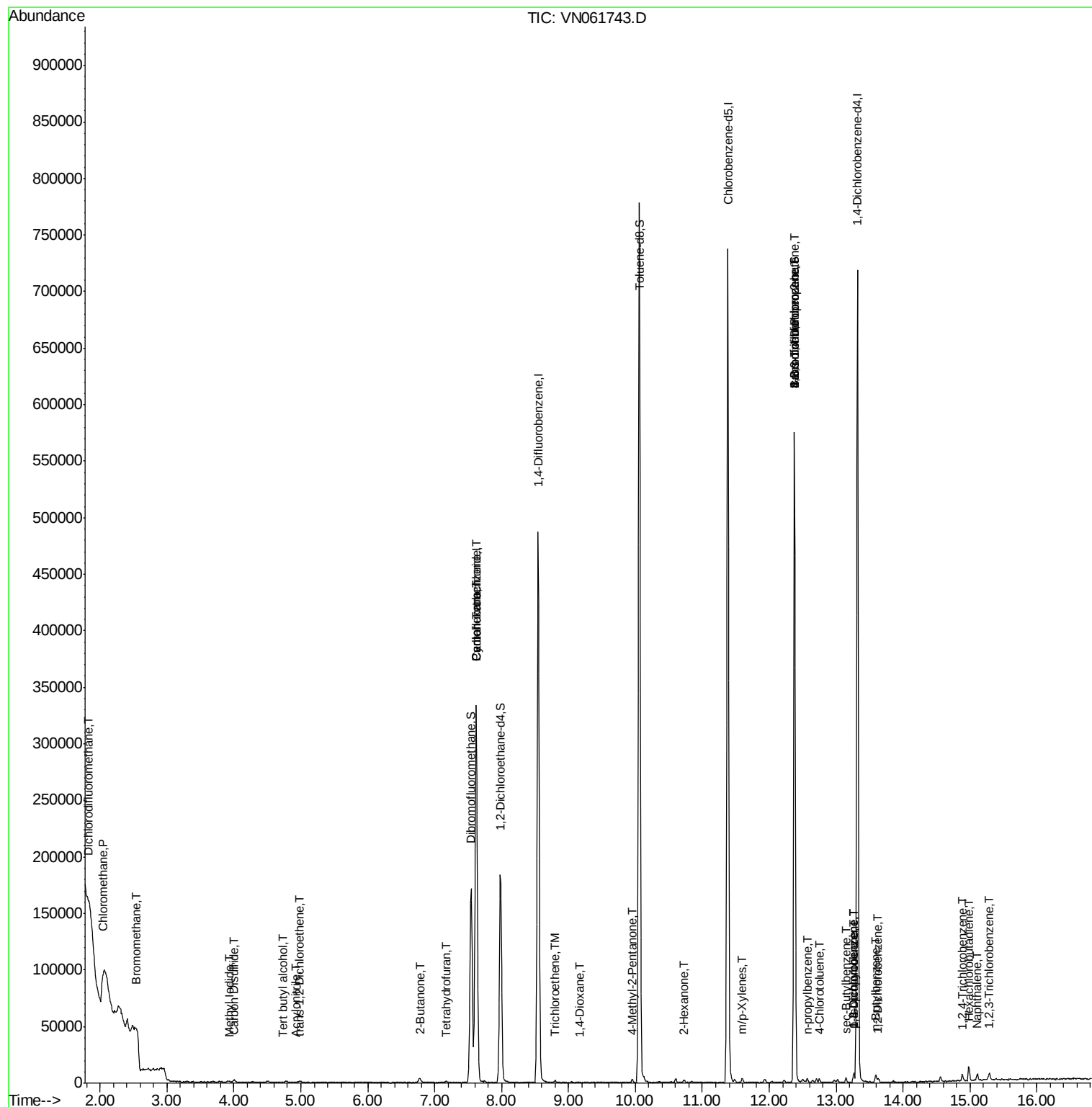
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.29	180	2710	0.716	ug/l	97

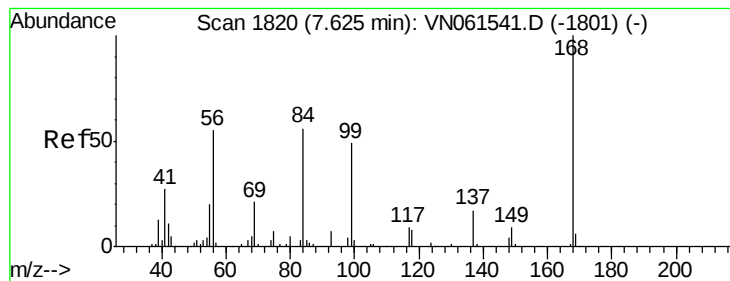
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

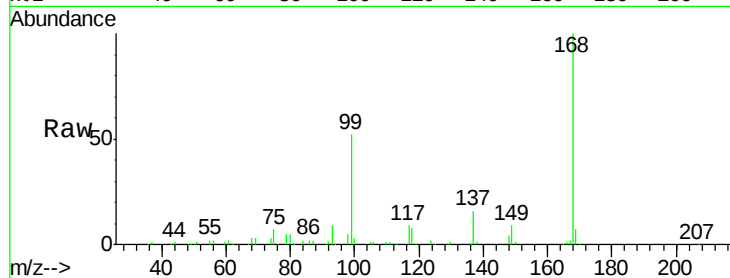
VN0611WBL01

Tot Ion:168 Resp: 289518

Ion Ratio Lower Upper

168 100

99 52.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

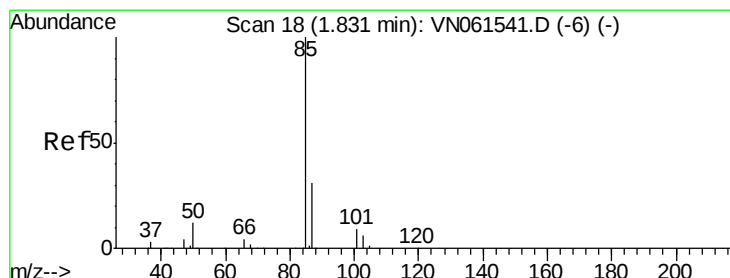
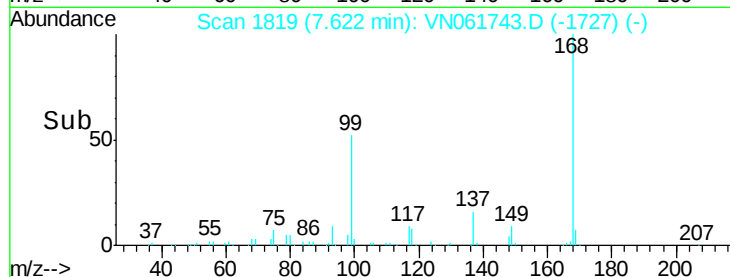
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.191 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN061743.D

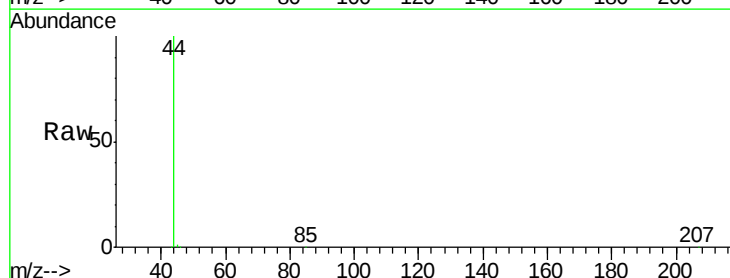
Acq: 11 Jun 2020 13:36

Tgt Ion: 85 Resp: 147

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

250

200

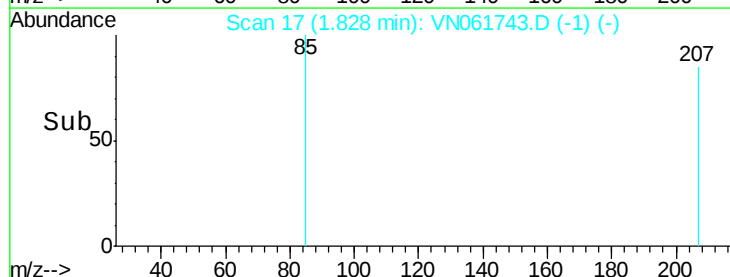
150

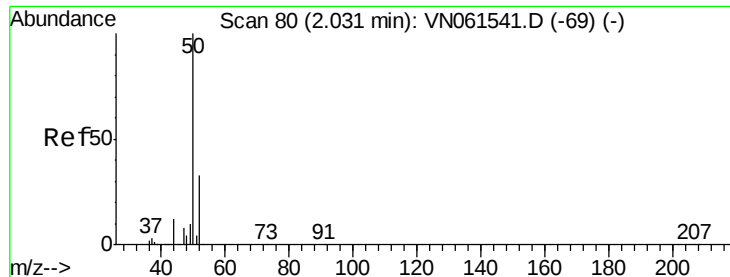
100

50

0

Time--> 1.81 1.82 1.83 1.84





#3

Chloromethane

Concen: 0.445 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

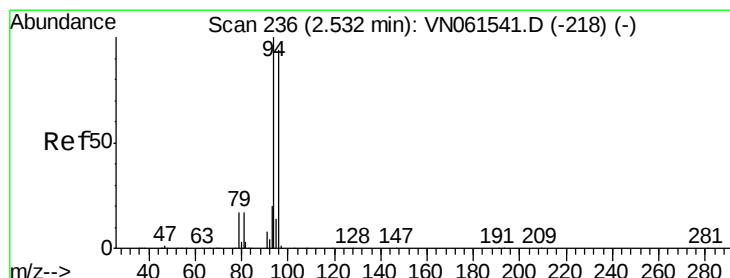
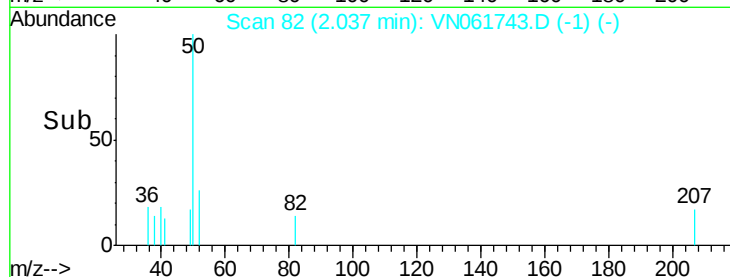
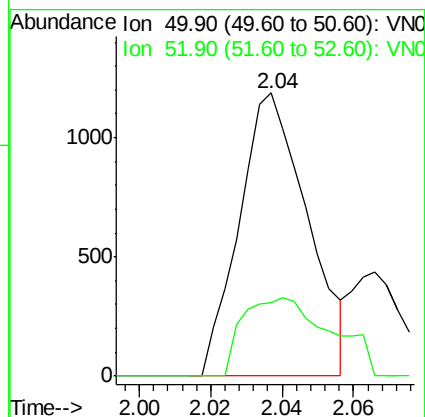
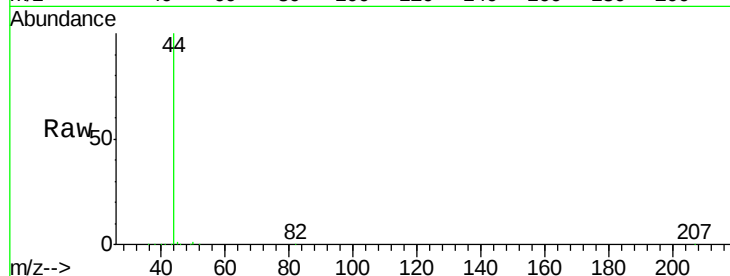
VN0611WBL01

Tot Ion: 50 Resp: 1573

Ion Ratio Lower Upper

50 100

52 25.8 26.7 40.1#



#5

Bromomethane

Concen: 0.548 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN061743.D

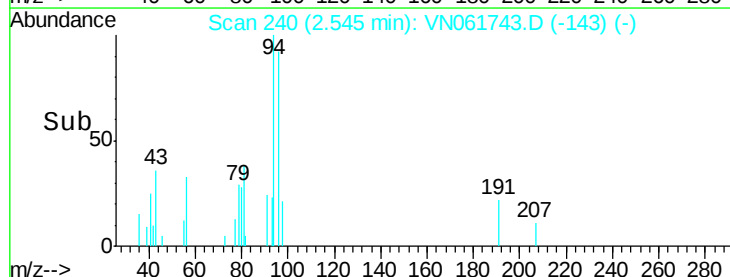
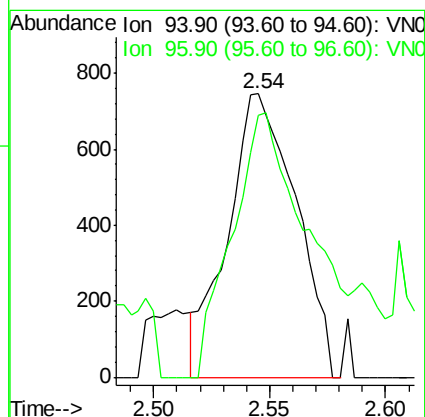
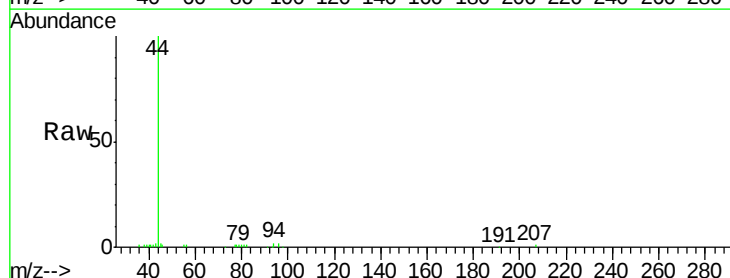
Acq: 11 Jun 2020 13:36

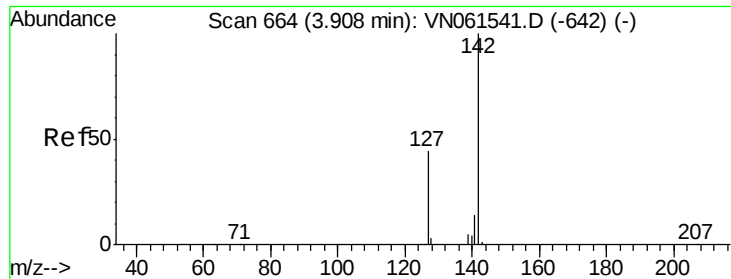
Tgt Ion: 94 Resp: 1522

Ion Ratio Lower Upper

94 100

96 92.2 74.8 112.2

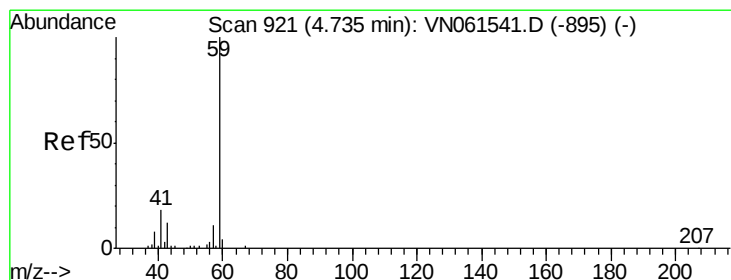
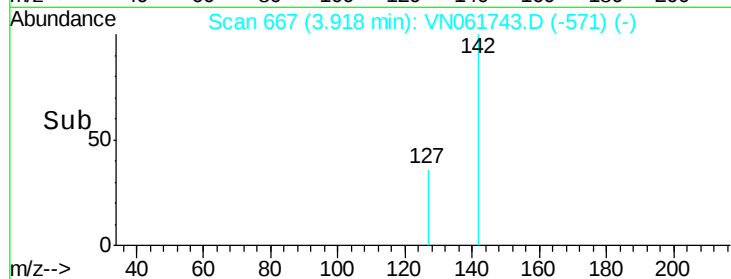
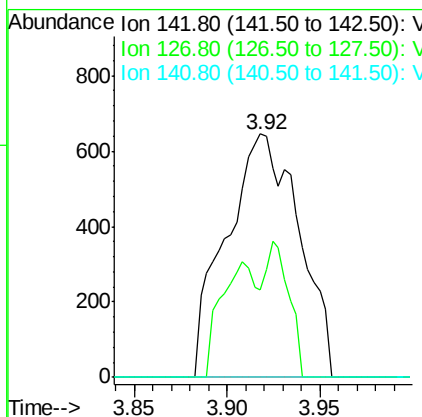
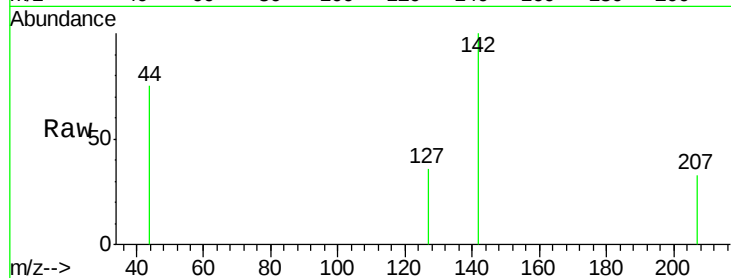




#10
Methvl Iodide
Concen: 0.460 ug/l
RT: 3.92 min Scan# 667
Delta R.T. 0.01 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

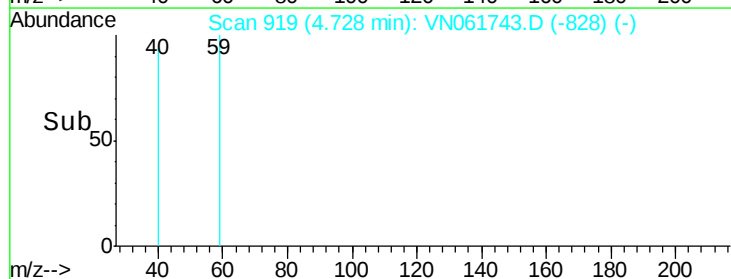
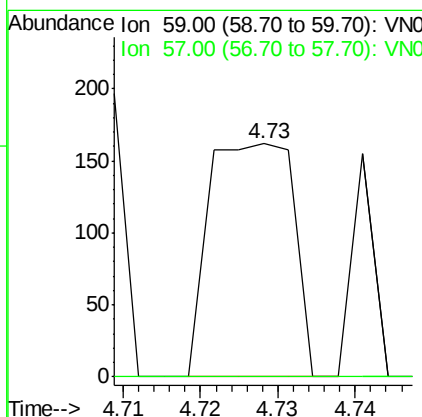
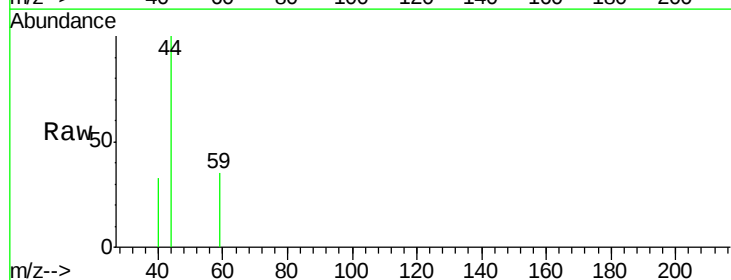
Instrument :
MSVOA_N
ClientSampled :
VN0611WBL01

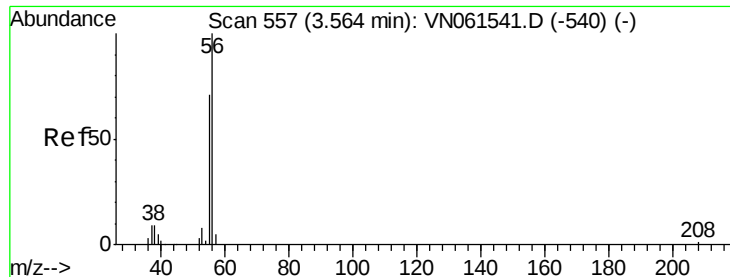
Tot Ion:142 Resp: 1768
Ion Ratio Lower Upper
142 100
127 17.7 35.5 53.3#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.268 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#13

Acrolein

Concen: Below Cal

RT: 3.58 min Scan# 561

Delta R.T. 0.01 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

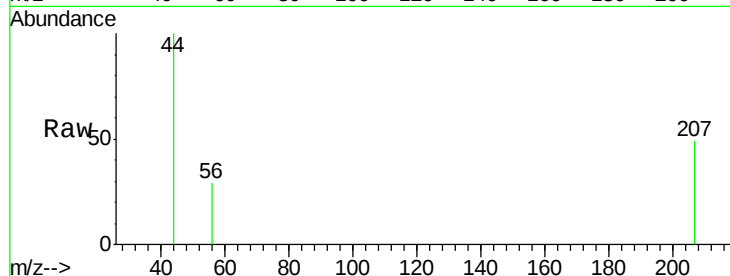
VN0611WBL01

Tot Ion: 56 Resp: 35

Ion Ratio Lower Upper

56 100

55 0.0 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

200

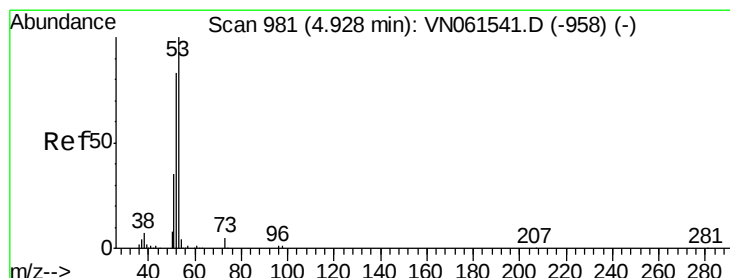
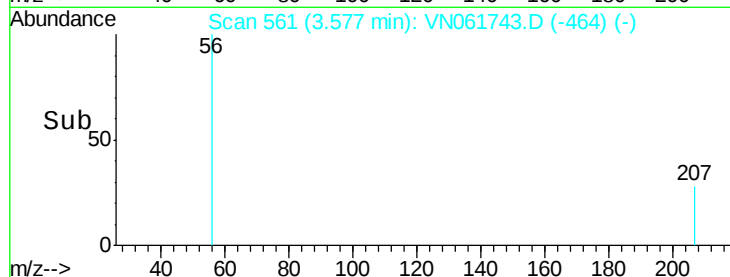
150

100

50

0

Time--> 3.56 3.57 3.58 3.58 3.59



#15

Acrylonitrile

Concen: 0.241 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

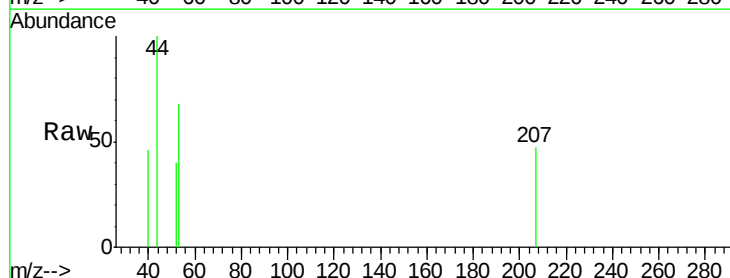
Tgt Ion: 53 Resp: 309

Ion Ratio Lower Upper

53 100

52 46.3 65.4 98.2#

51 0.0 29.0 43.6#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

400

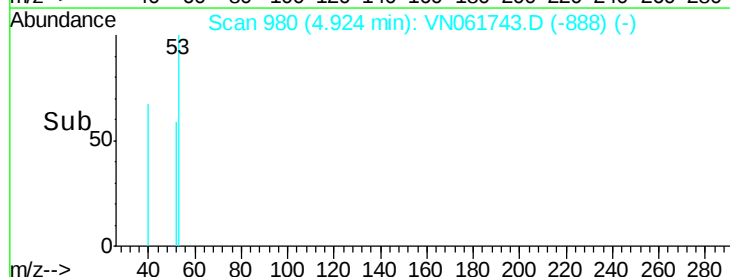
300

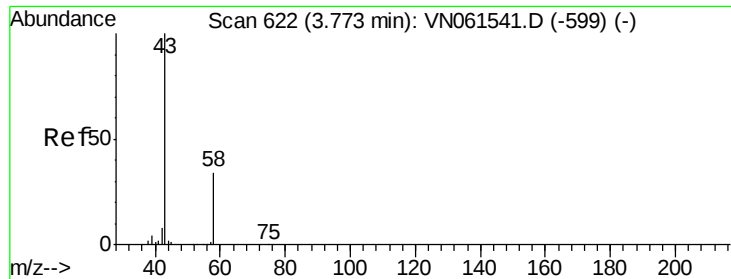
200

100

0

Time--> 4.90 4.92 4.94

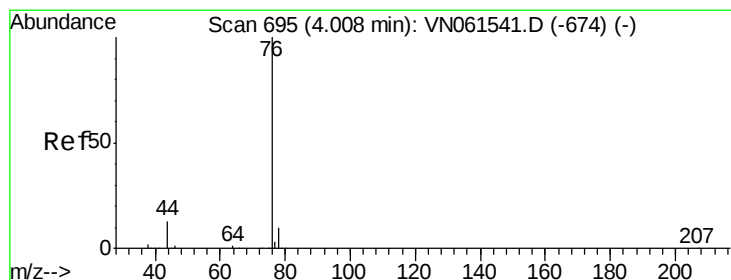
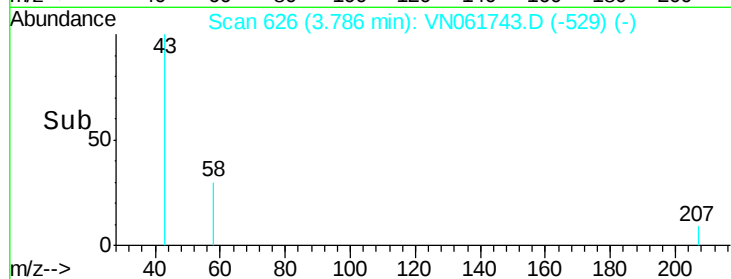
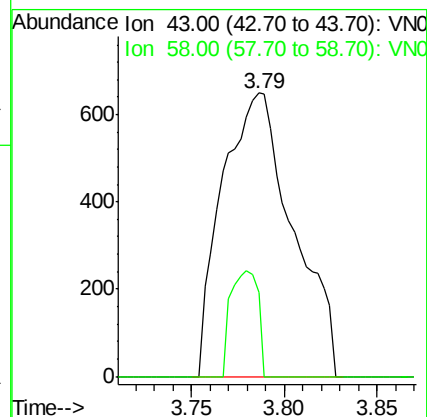
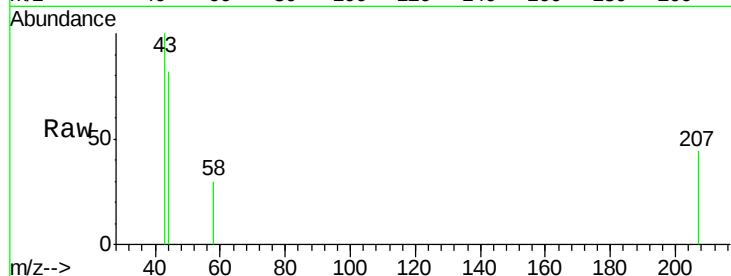




#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

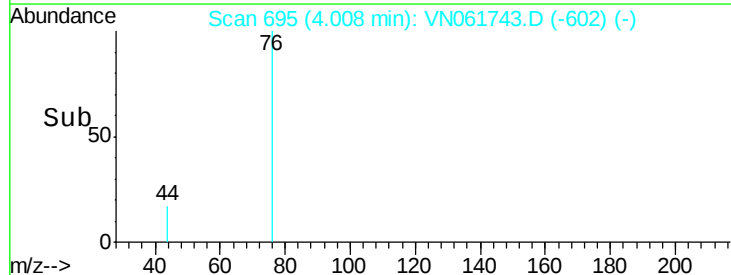
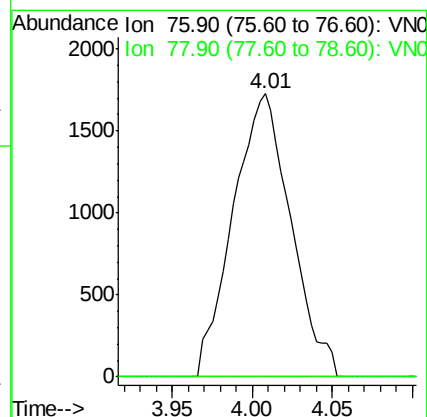
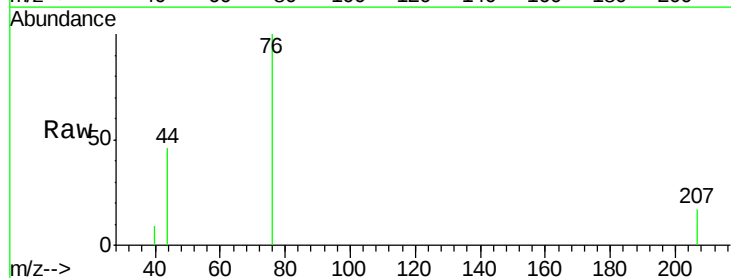
Instrument :
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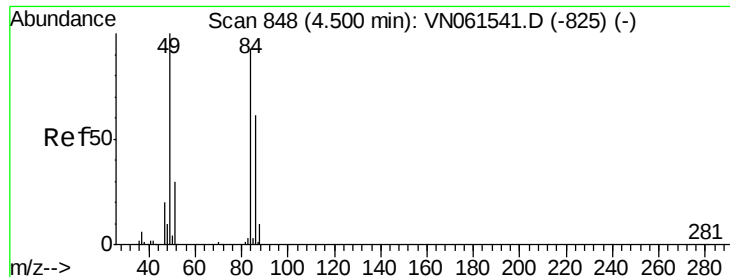
Tot Ion: 43 Resp: 1723
Ion Ratio Lower Upper
43 100
58 29.7 27.2 40.8



#17
Carbon Disulfide
Concen: 0.657 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

Tgt Ion: 76 Resp: 4276
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.49 min Scan# 844

Delta R.T. -0.01 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBL01

Tot Ion: 84 Resp: 343

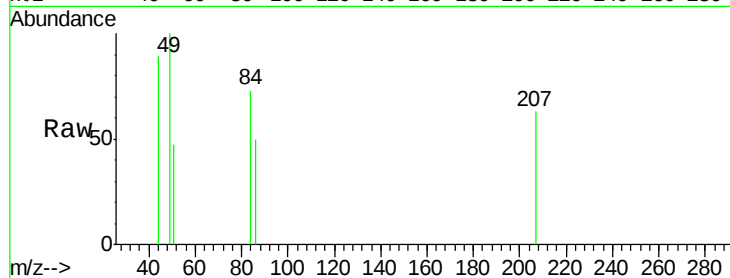
Ion Ratio Lower Upper

84 100

49 137.8 85.8 128.8#

51 65.1 26.2 39.2#

86 68.3 52.6 78.8

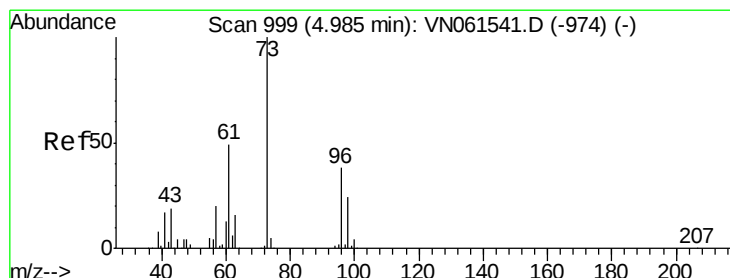
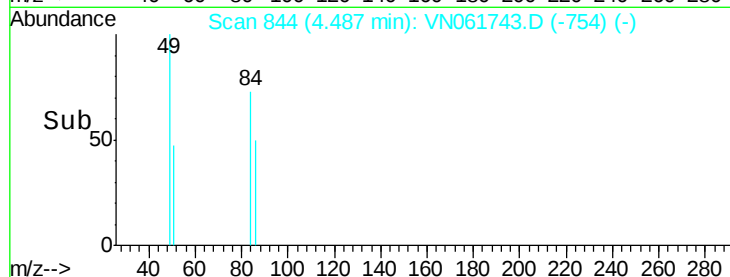
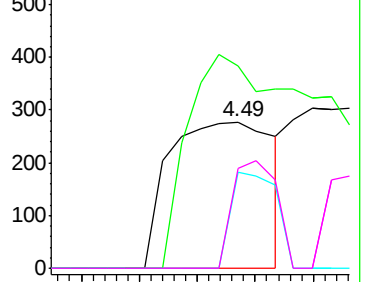


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#21

trans-1,2-Dichloroethene

Concen: 0.227 ug/l

RT: 4.97 min Scan# 995

Delta R.T. -0.01 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

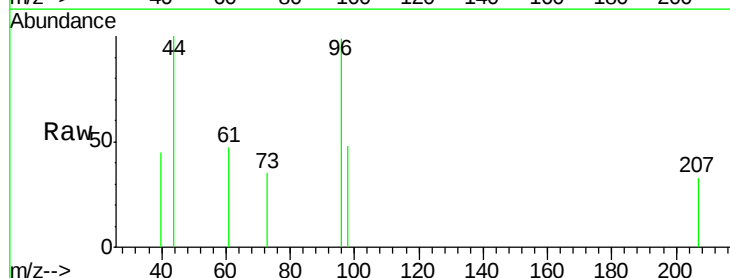
Tgt Ion: 96 Resp: 758

Ion Ratio Lower Upper

96 100

61 47.4 101.4 152.0#

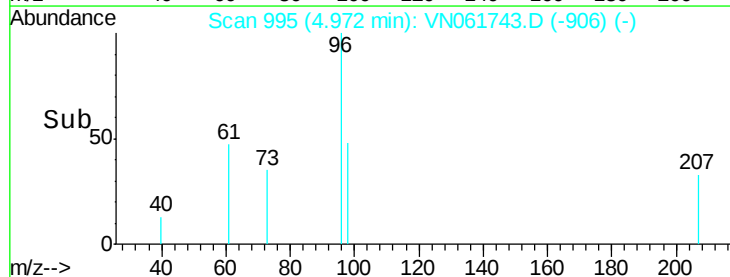
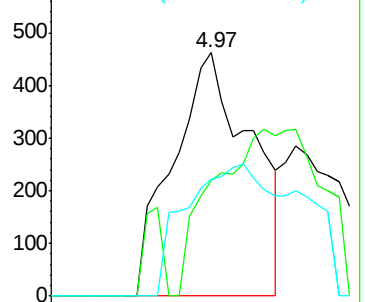
98 48.3 50.6 76.0#

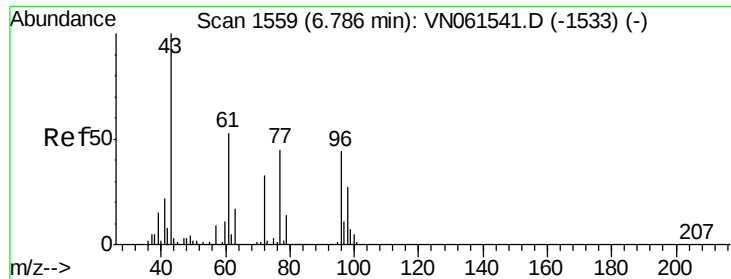


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

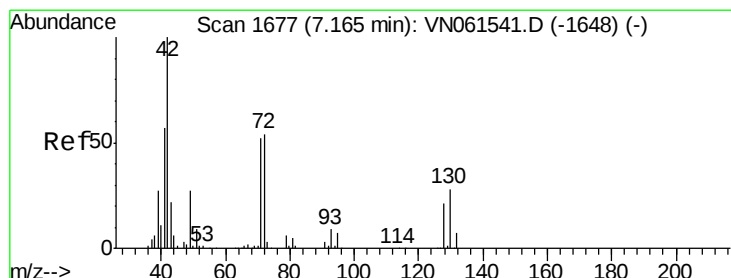
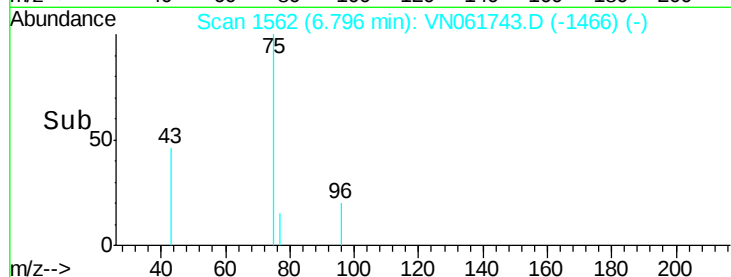
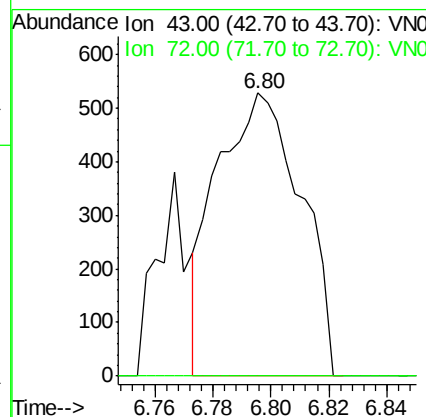
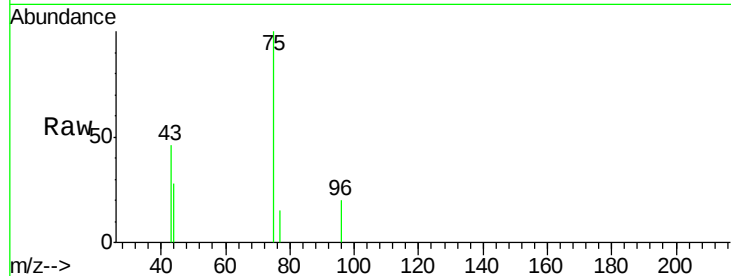




#25
2-Butanone
Concen: 0.651 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

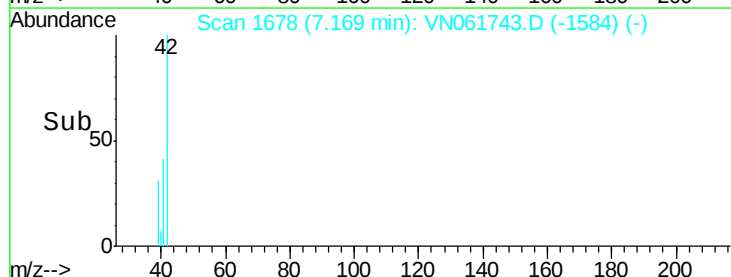
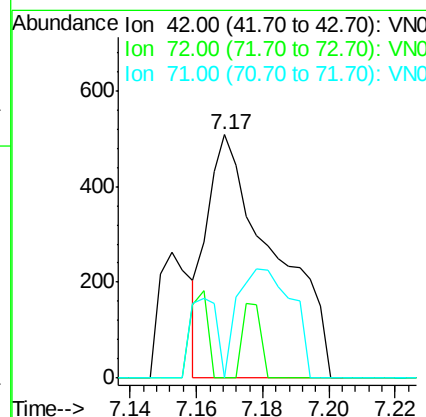
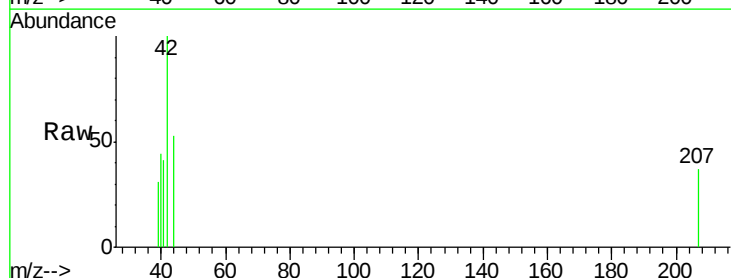
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

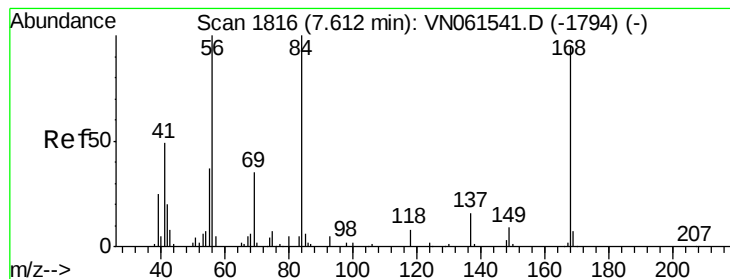
Tot Ion: 43 Resp: 1064
Ion Ratio Lower Upper
43 100
72 0.0 26.0 39.0#



#29
Tetrahydrofuran
Concen: 0.652 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

Tgt Ion: 42 Resp: 703
Ion Ratio Lower Upper
42 100
72 9.2 43.6 65.4#
71 13.1 41.2 61.8#





#31

Cyclohexane

Concen: 1.108 ug/l

RT: 7.62 min Scan# 1816

Delta R.T. 0.01 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

VN0611WBL01

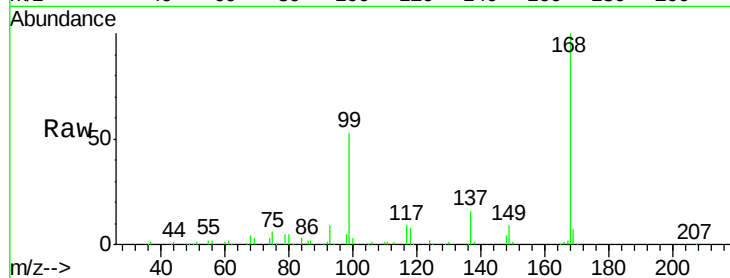
Tot Ion: 56 Resp: 5386

Ion Ratio Lower Upper

56 100

69 163.9 27.8 41.8#

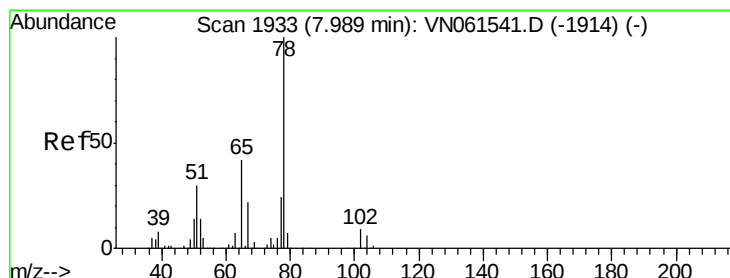
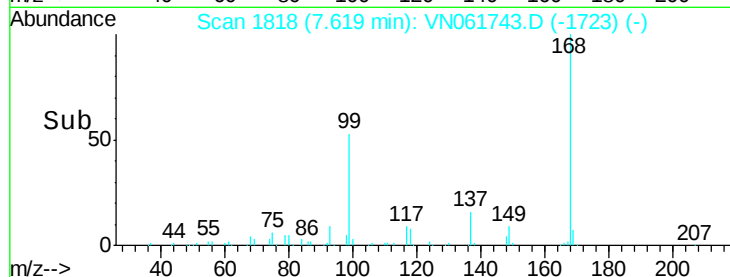
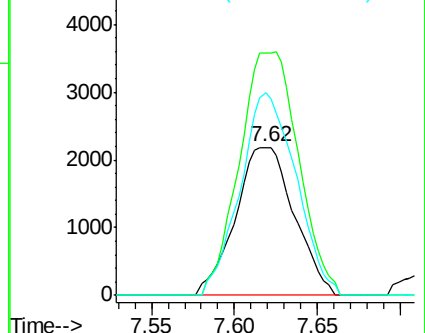
84 136.9 79.9 119.9#



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061541.D (-1794) (-)



#33

1,2-Dichloroethane-d4

Concen: 45.613 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN061743.D

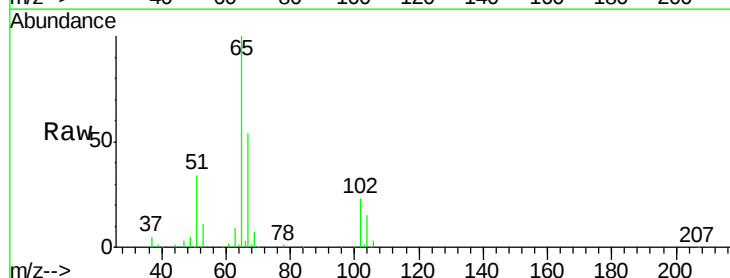
Acq: 11 Jun 2020 13:36

Tgt Ion: 65 Resp: 157337

Ion Ratio Lower Upper

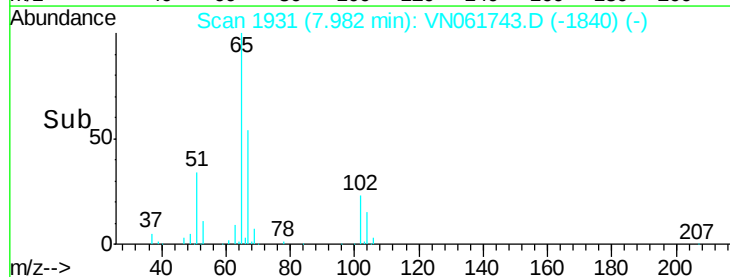
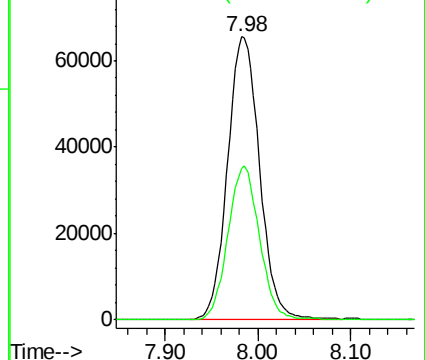
65 100

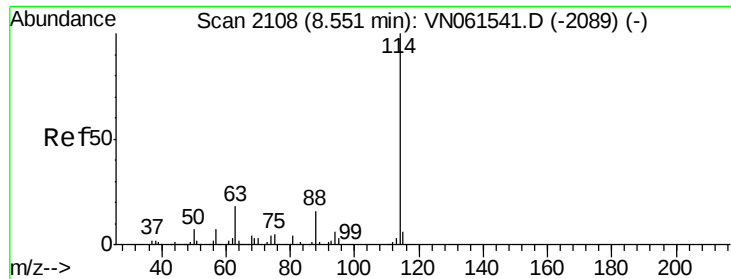
67 53.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061541.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061541.D (-1914) (-)

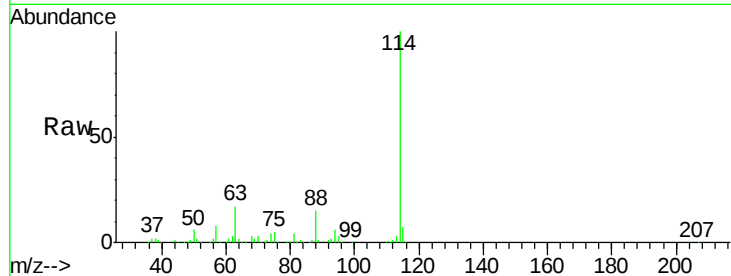




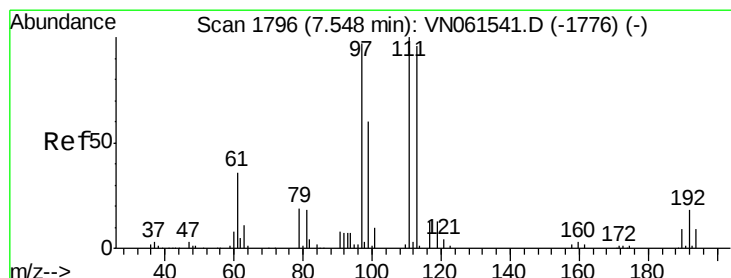
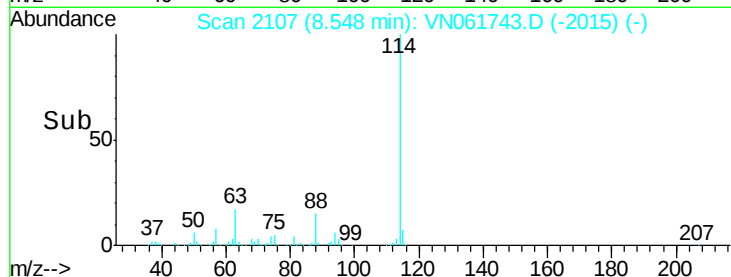
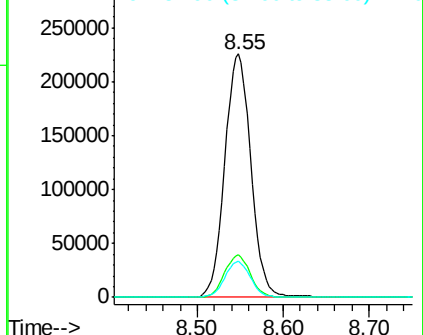
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061743.D
 Acq: 11 Jun 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBL01

Tot Ion:114 Resp: 475788
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.8
 88 14.8 0.0 31.0

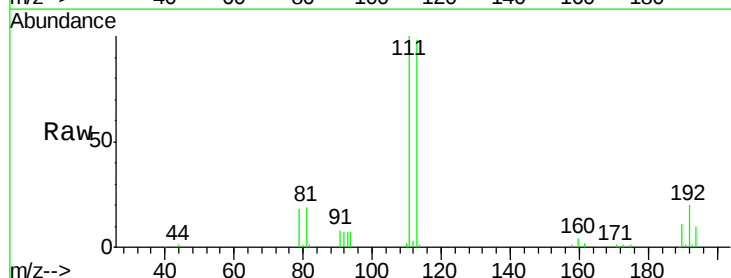


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

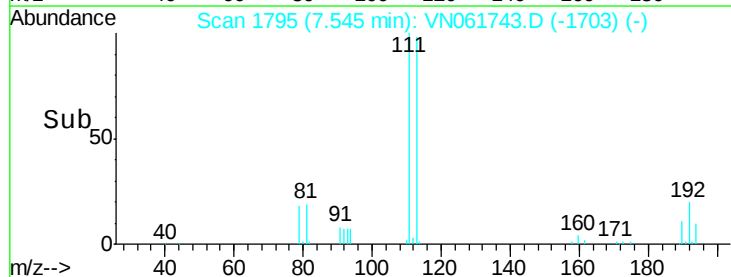
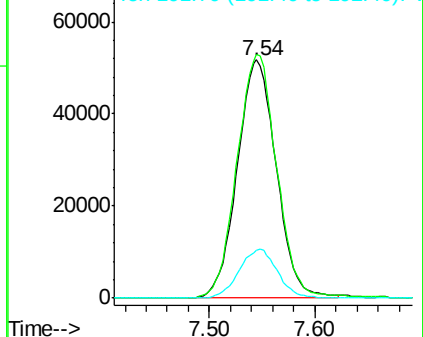


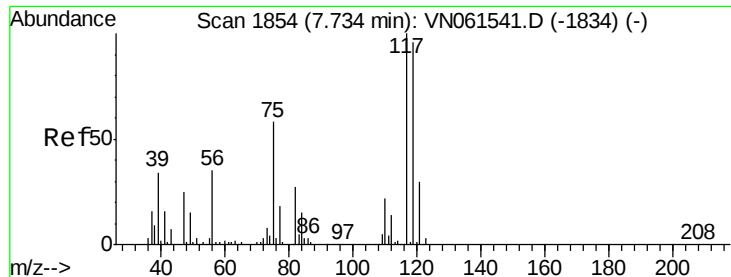
#35
 Dibromofluoromethane
 Concen: 55.162 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061743.D
 Acq: 11 Jun 2020 13:36

Tgt Ion:113 Resp: 133139
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.0
 192 20.1 15.4 23.2



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

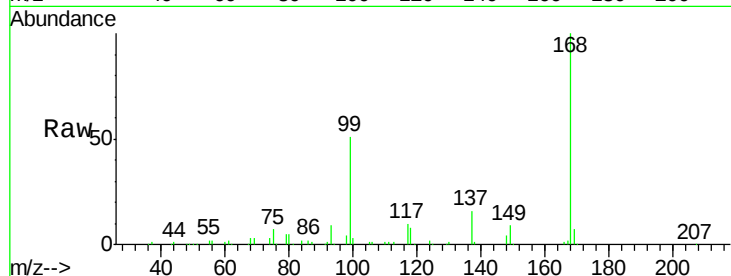




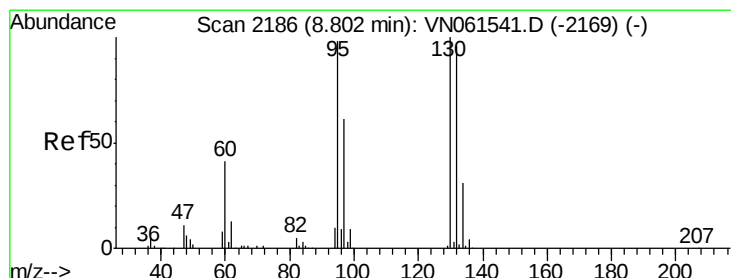
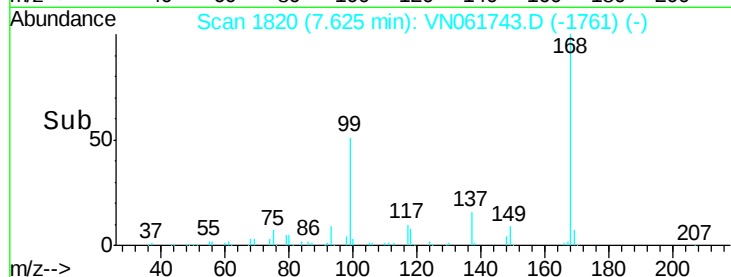
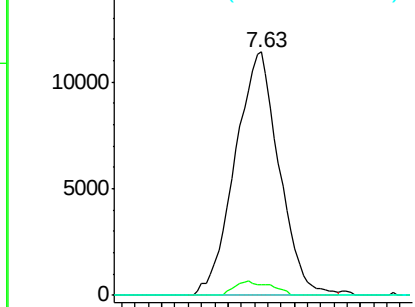
#38
Carbon Tetrachloride
Concen: 6.495 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tot Ion:117 Resp: 26388
Ion Ratio Lower Upper
117 100
119 4.4 76.5 114.7#
121 0.0 24.1 36.1#

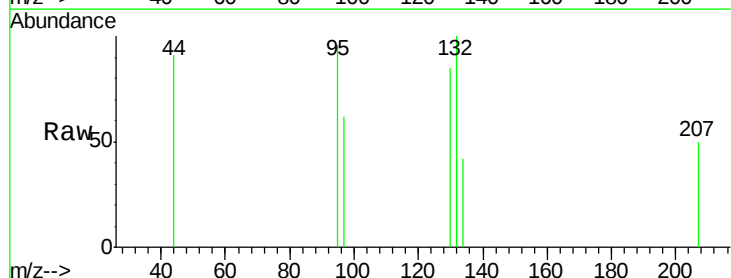


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

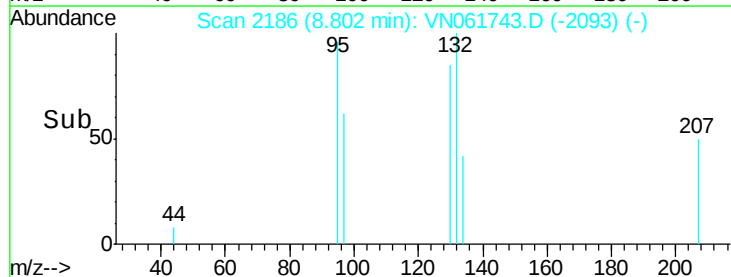
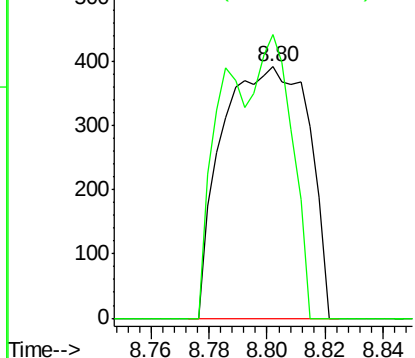


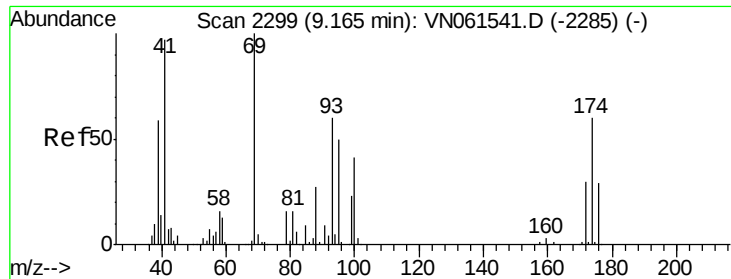
#44
Trichloroethene
Concen: 0.203 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

Tgt Ion:130 Resp: 811
Ion Ratio Lower Upper
130 100
95 112.8 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

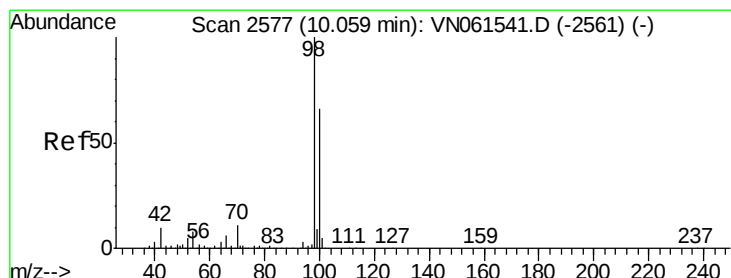
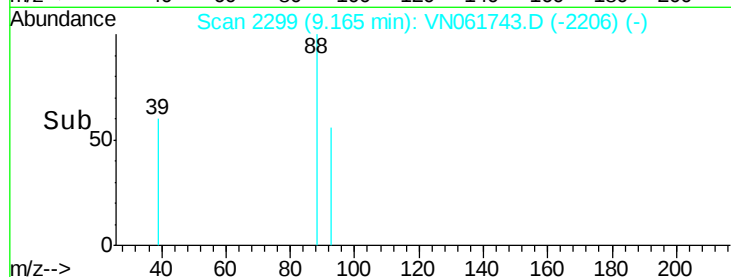
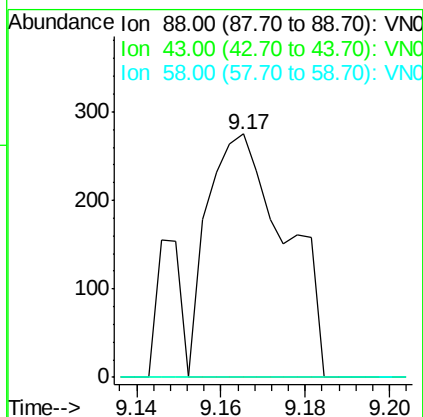
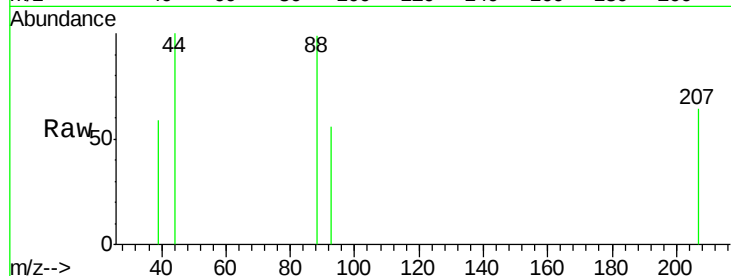




#49
1,4-Dioxane
Concen: 8.321 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

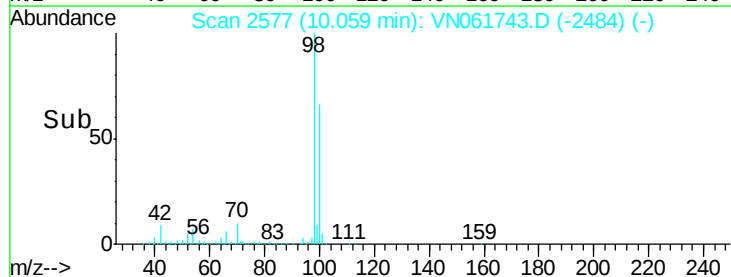
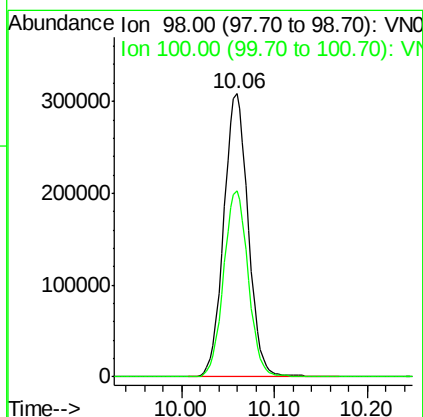
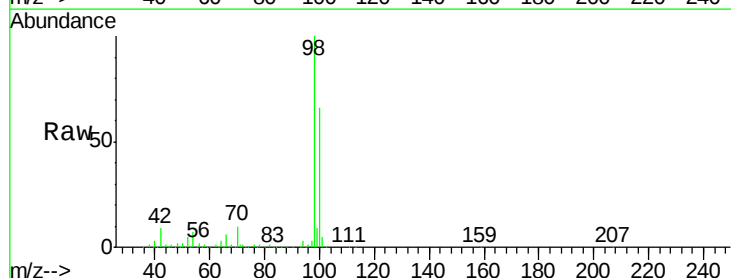
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

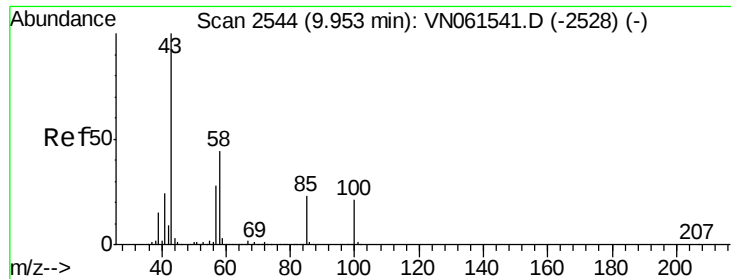
Tot Ion: 88 Resp: 354
Ion Ratio Lower Upper
88 100
43 0.0 23.1 34.7#
58 0.0 48.3 72.5#



#50
Toluene-d8
Concen: 50.464 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

Tgt Ion: 98 Resp: 564430
Ion Ratio Lower Upper
98 100
100 66.4 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 0.552 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

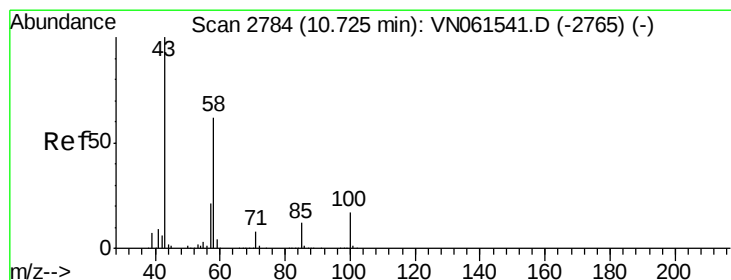
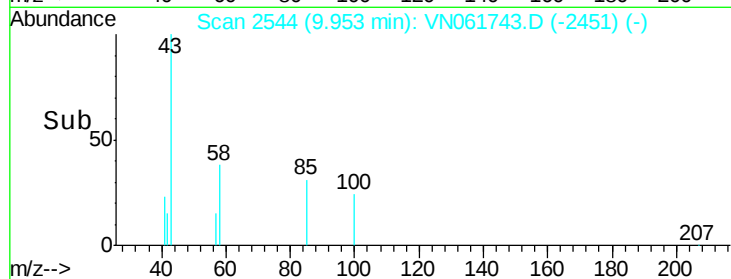
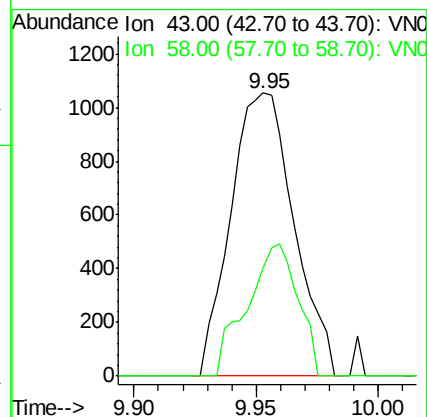
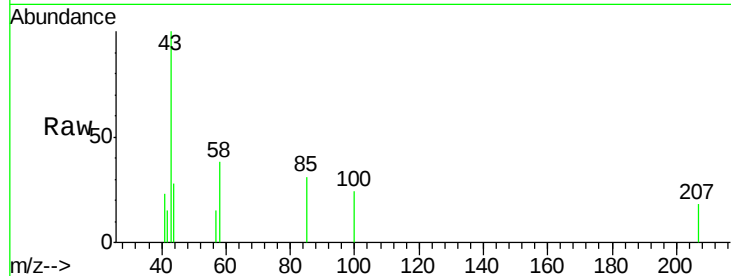
VN0611WBL01

Tot Ion: 43 Resp: 1897

Ion Ratio Lower Upper

43 100

58 37.6 35.0 52.6



#59

2-Hexanone

Concen: 0.762 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VN061743.D

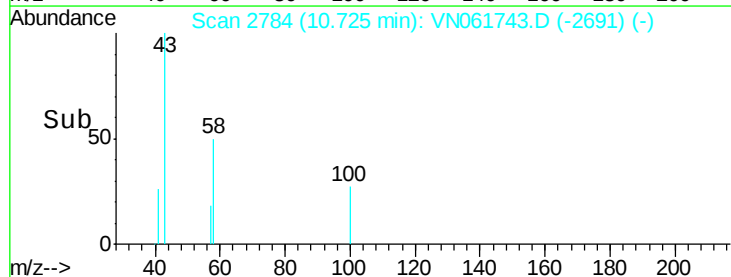
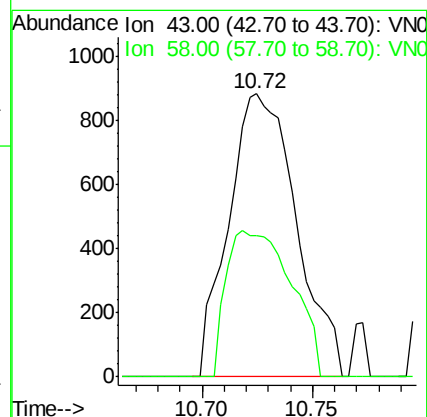
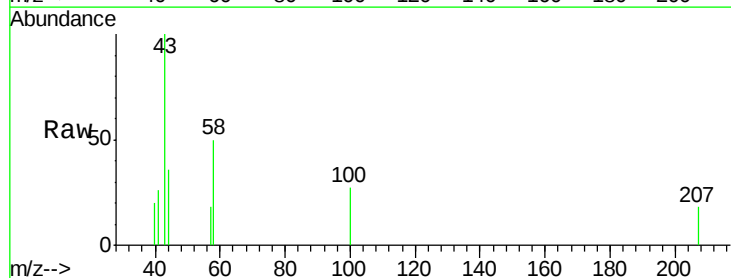
Acq: 11 Jun 2020 13:36

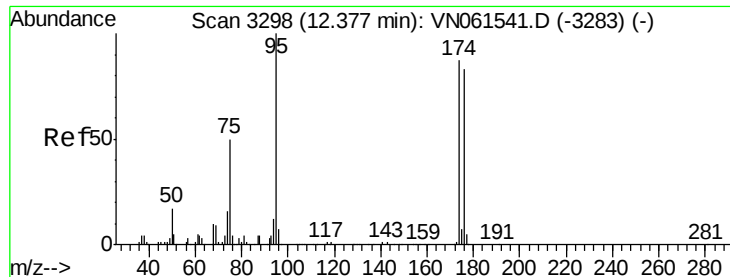
Tgt Ion: 43 Resp: 1882

Ion Ratio Lower Upper

43 100

58 49.5 30.7 92.1





#62

4-Bromofluorobenzene

Concen: 48.323 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBL01

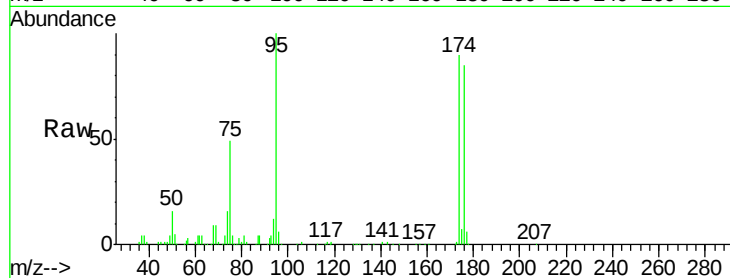
Tot Ion: 95 Resp: 197190

Ion Ratio Lower Upper

95 100

174 90.3 0.0 172.8

176 84.0 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) (-)

12.38

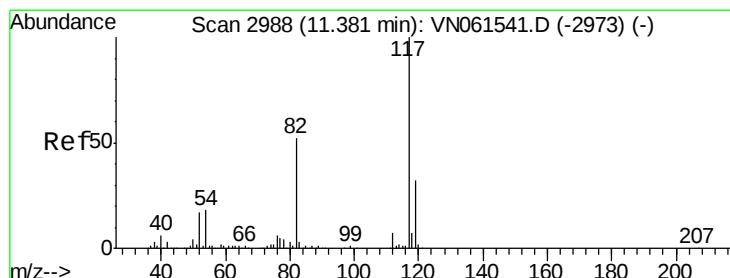
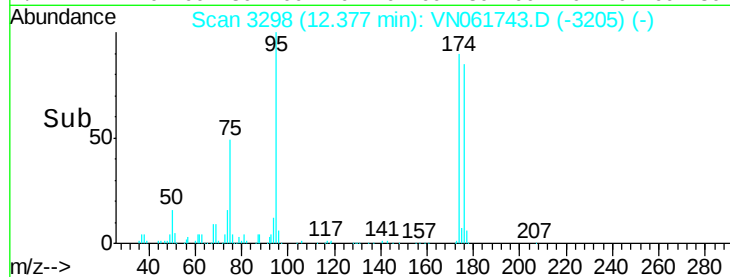
100000

50000

0

12.30 12.40 12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

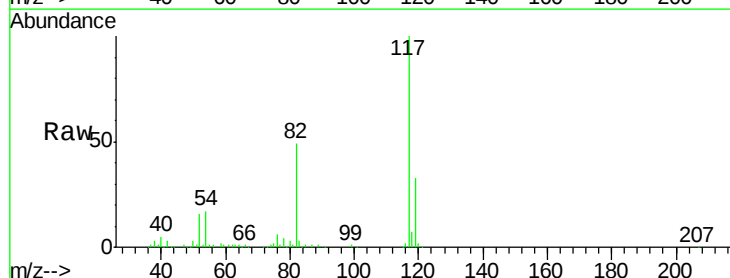
Tgt Ion: 117 Resp: 466557

Ion Ratio Lower Upper

117 100

82 49.4 41.5 62.3

119 32.8 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) (-)

11.38

300000

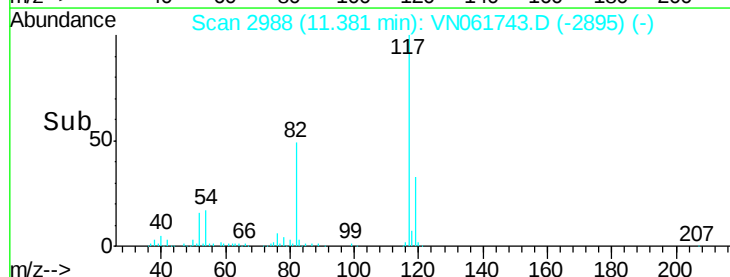
200000

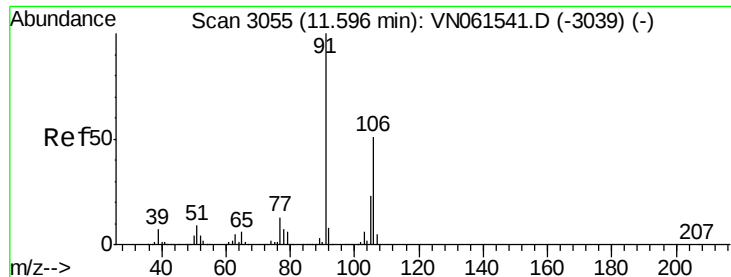
100000

0

11.30 11.40 11.50

Time-->

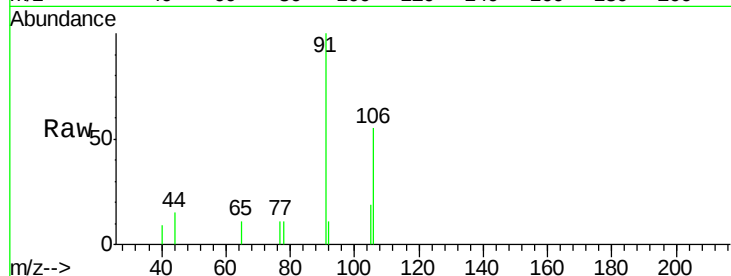




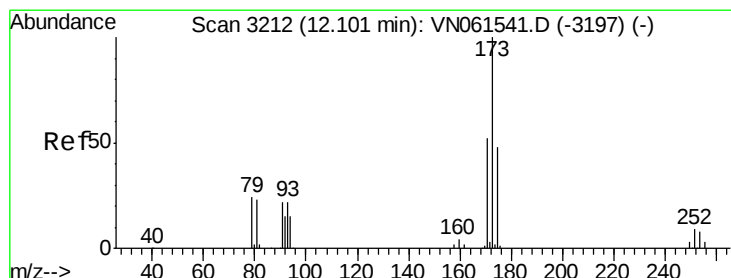
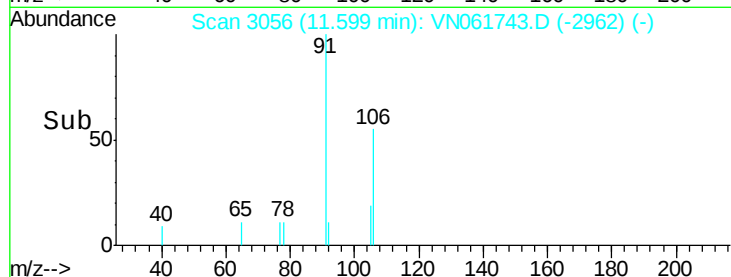
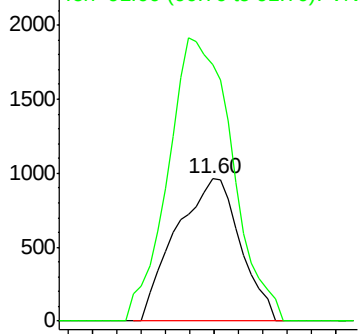
#68
m/p-Xvlenes
Concen: 0.266 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.00 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tot Ion:106 Resp: 1770
Ion Ratio Lower Upper
106 100
91 197.2 156.2 234.4

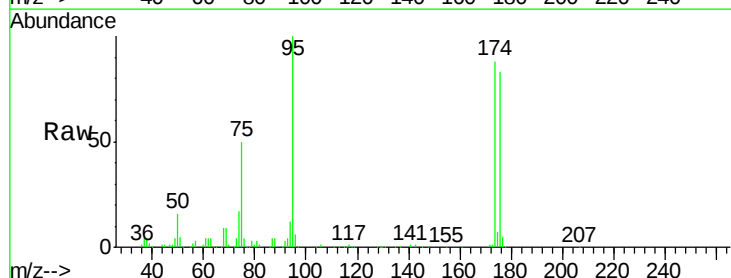


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

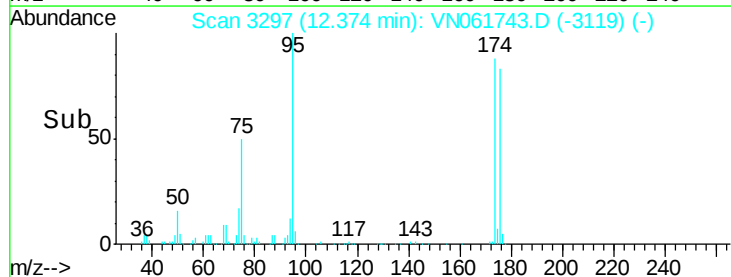
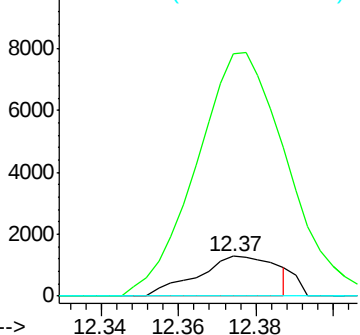


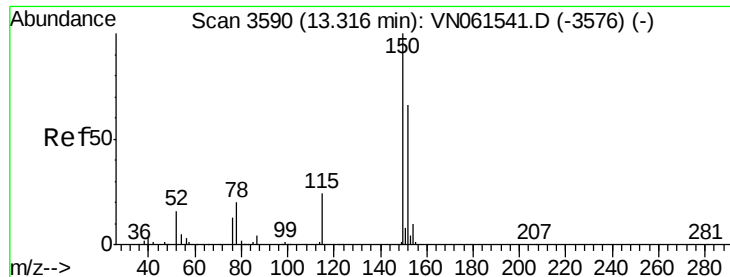
#71
Bromoform
Concen: 0.655 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

Tgt Ion:173 Resp: 1823
Ion Ratio Lower Upper
173 100
175 606.8 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: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

VN0611WBL01

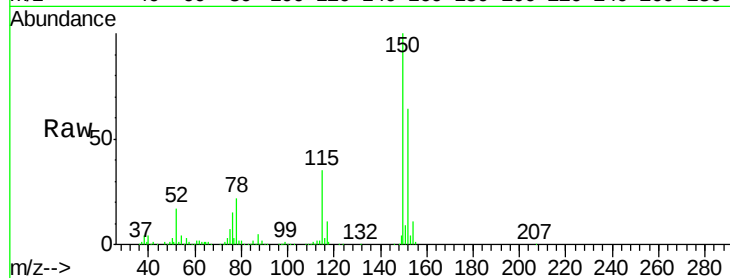
Tot Ion:152 Resp: 208847

Ion Ratio Lower Upper

152 100

115 55.3 28.0 84.0

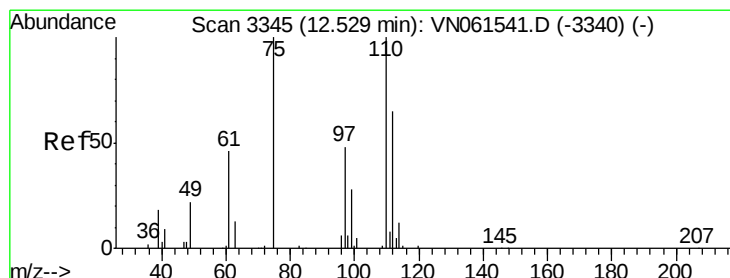
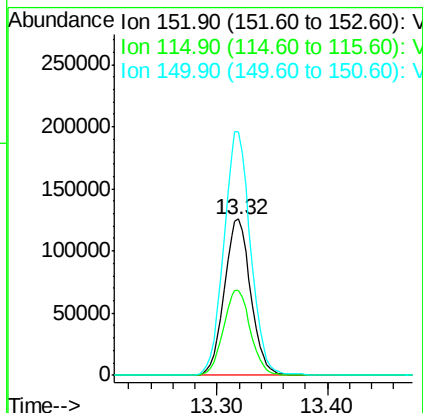
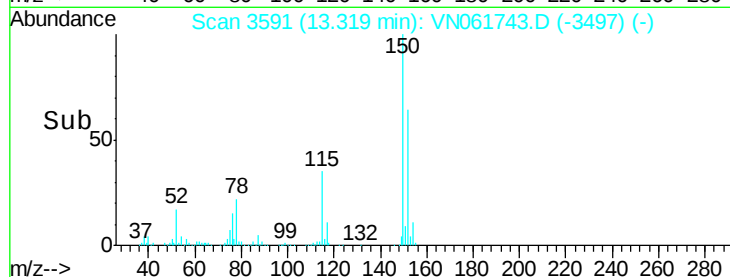
150 157.9 0.0 344.0



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



#76

1,2,3-Trichloropropane

Concen: 25.637 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061743.D

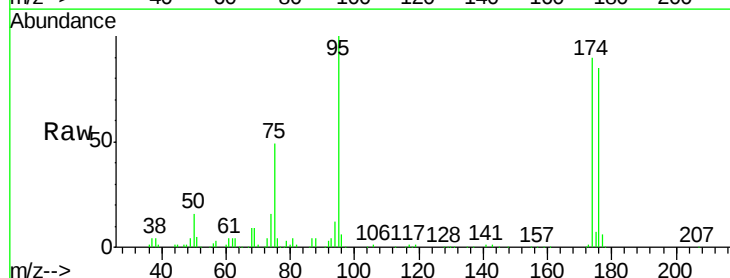
Acq: 11 Jun 2020 13:36

Tgt Ion: 75 Resp: 97360

Ion Ratio Lower Upper

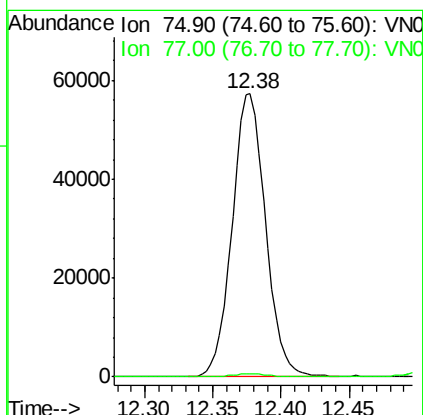
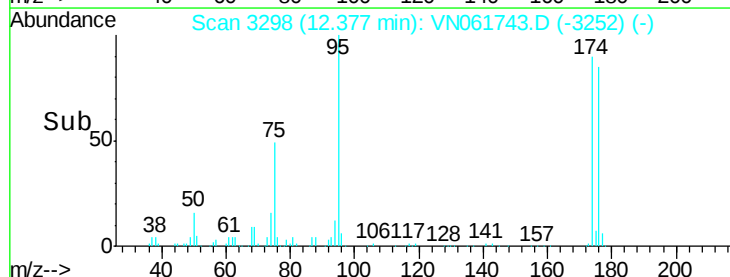
75 100

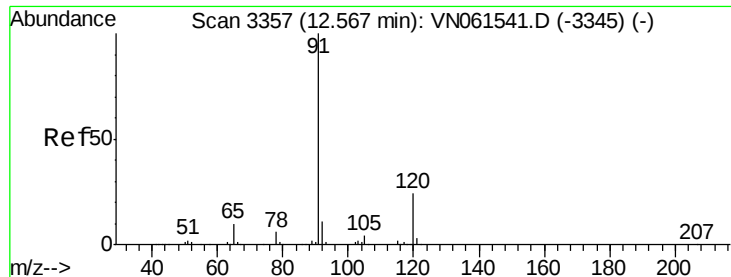
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.225 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

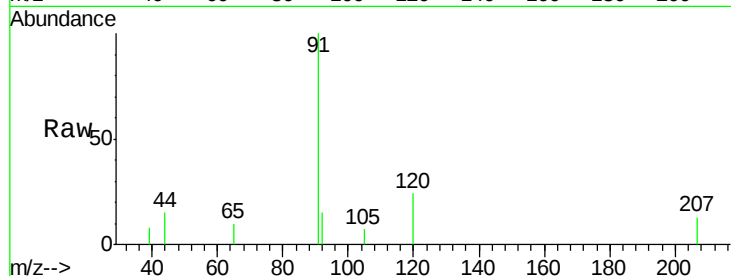
VN0611WBL01

Tot Ion: 91 Resp: 3823

Ion Ratio Lower Upper

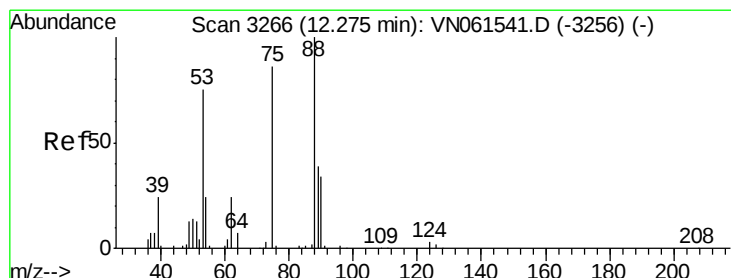
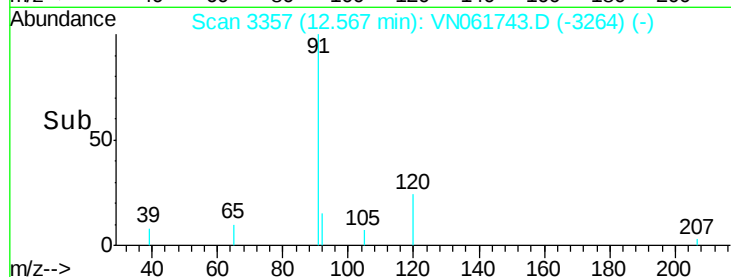
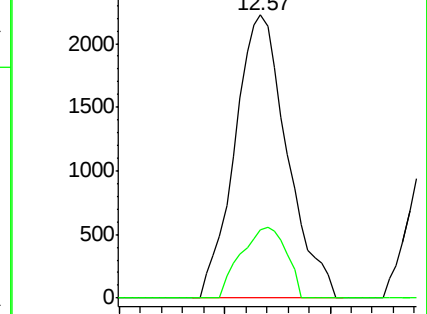
91 100

120 21.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN061743.D (-3264) (-)

Ion 120.00 (119.70 to 120.70): VN061743.D (-3264) (-)



#81

trans-1,4-Dichloro-2-butene

Concen: 65.560 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

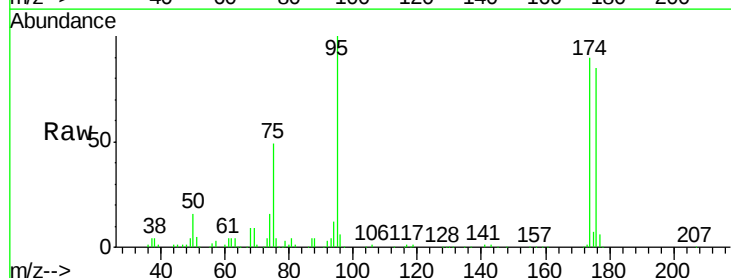
Tgt Ion: 75 Resp: 97360

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

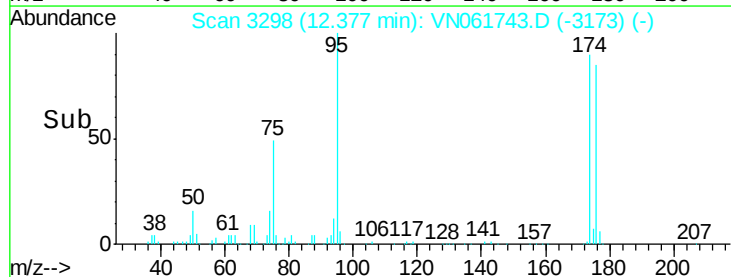
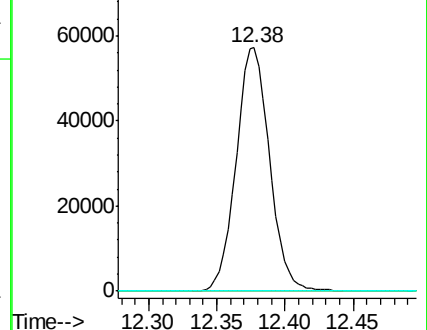
89 0.0 37.1 55.7#

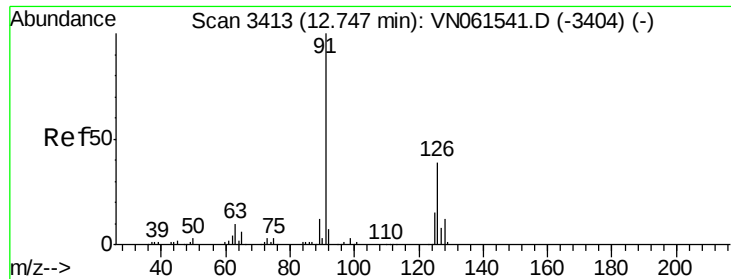


Abundance Ion 74.90 (74.60 to 75.60): VN061743.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061743.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061743.D (-3173) (-)





#82

4-Chlorotoluene

Concen: 0.252 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

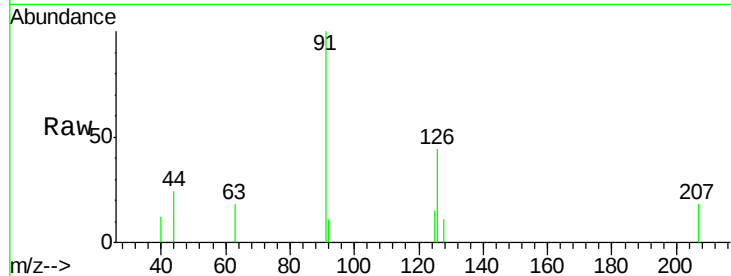
VN0611WBL01

Tot Ion: 91 Resp: 2690

Ion Ratio Lower Upper

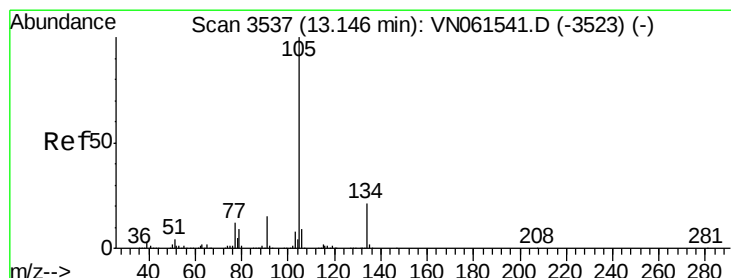
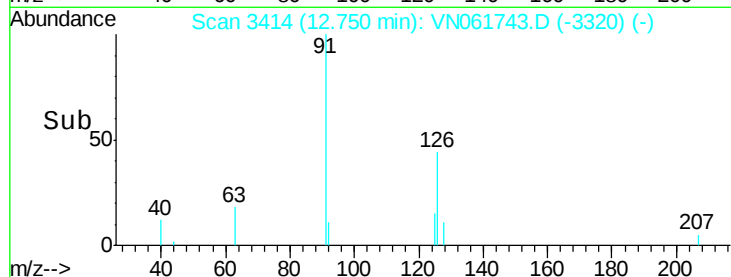
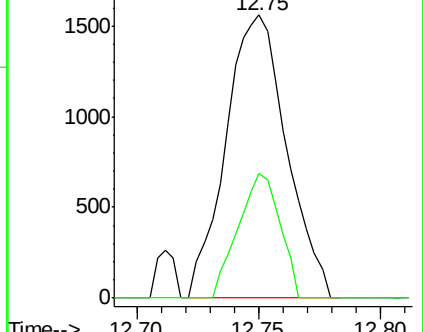
91 100

126 30.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3404) (-)



#85

sec-Butylbenzene

Concen: 0.251 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061743.D

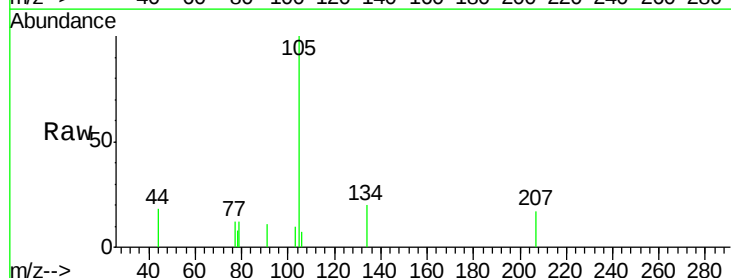
Acq: 11 Jun 2020 13:36

Tgt Ion: 105 Resp: 3648

Ion Ratio Lower Upper

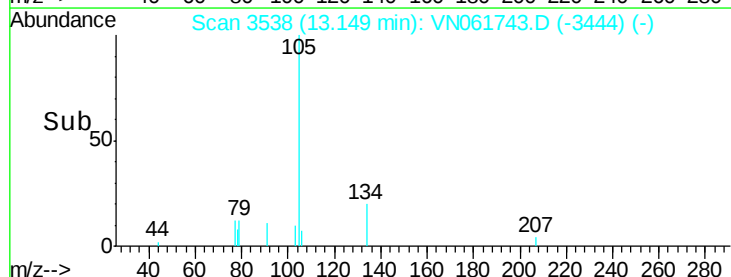
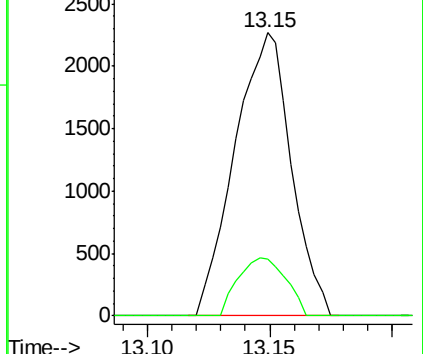
105 100

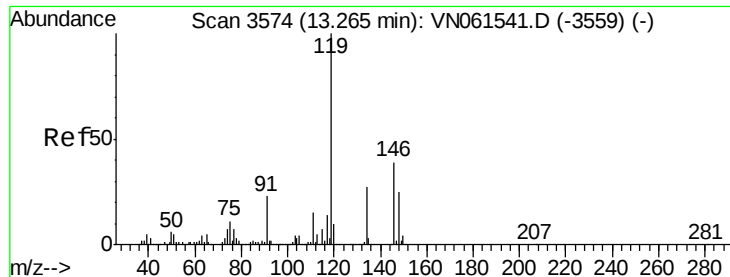
134 17.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3523) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3523) (-)





#86

p-Isopropyltoluene

Concen: 0.245 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

VN0611WBL01

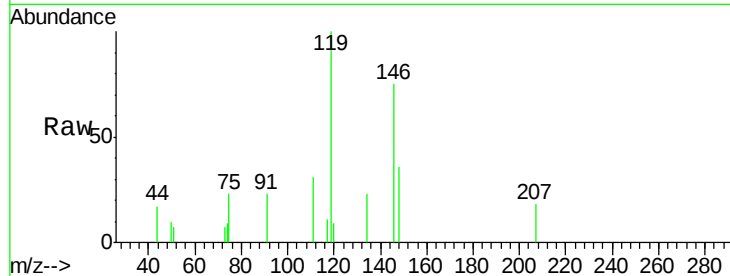
Tot Ion:119 Resp: 3272

Ion Ratio Lower Upper

119 100

134 22.0 13.5 40.5

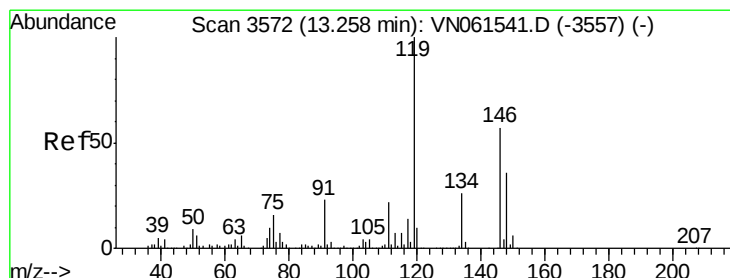
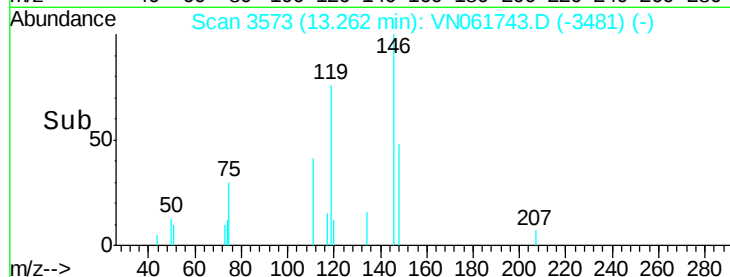
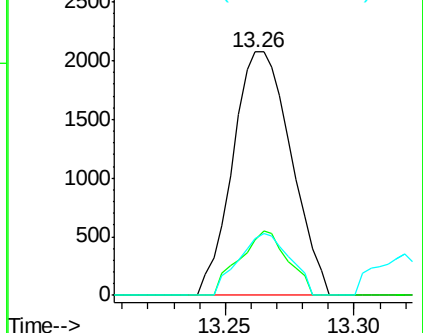
91 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 0.322 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. 0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

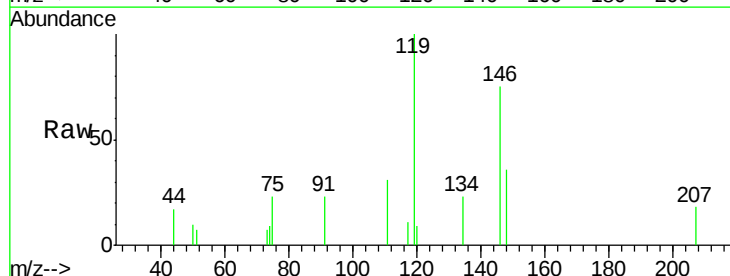
Tgt Ion:146 Resp: 2220

Ion Ratio Lower Upper

146 100

111 45.8 19.2 57.6

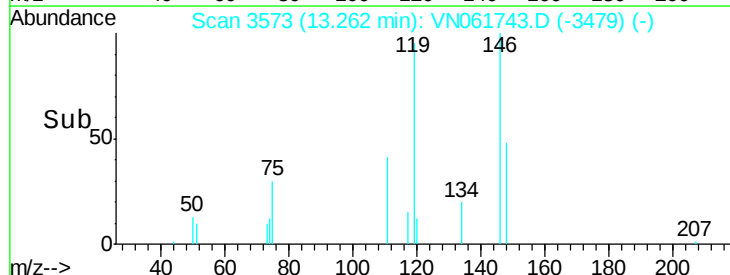
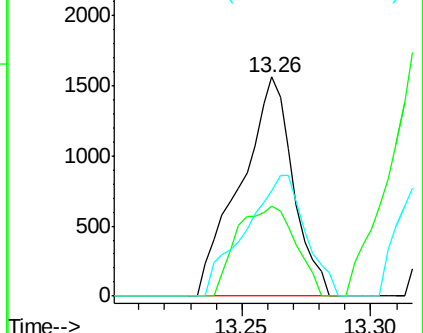
148 63.5 31.7 95.1

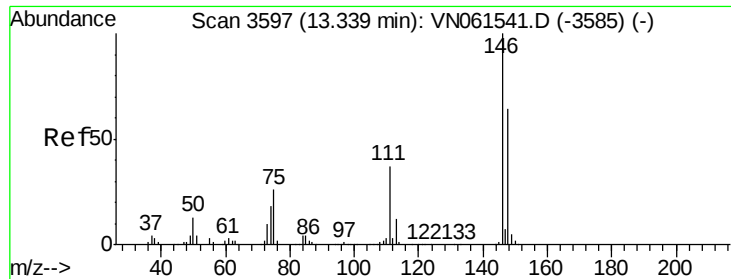


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

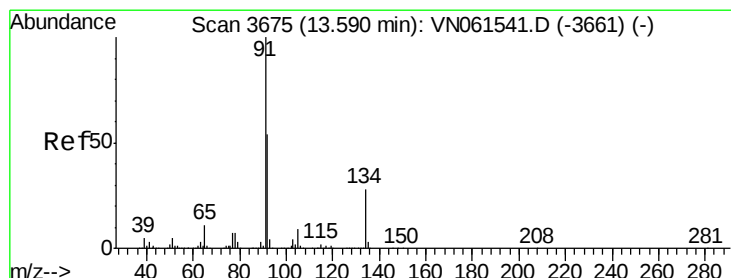
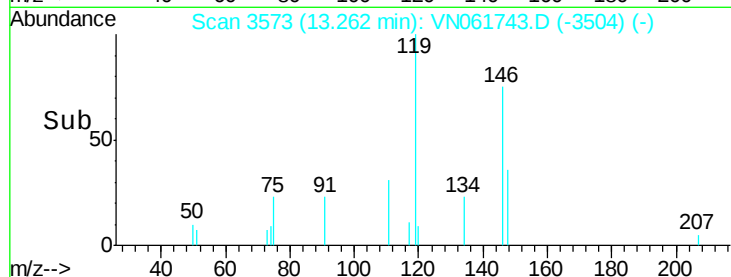
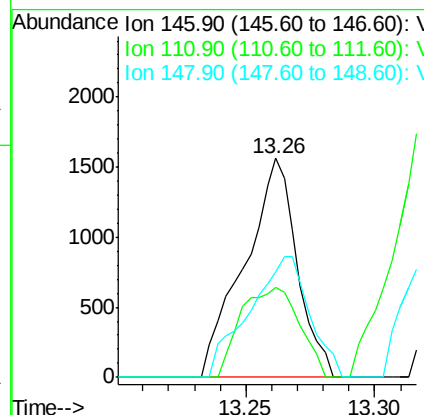
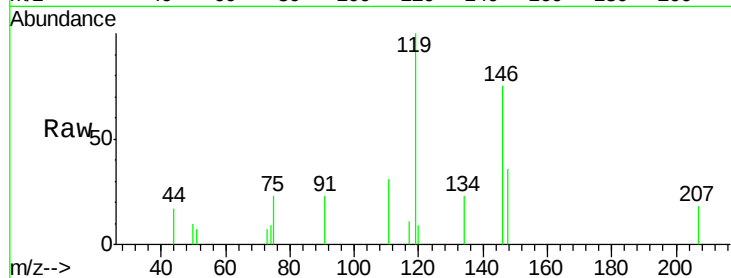




#88
 1,4-Dichlorobenzene
 Concen: 0.316 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.08 min
 Lab File: VN061743.D
 Acq: 11 Jun 2020 13:36

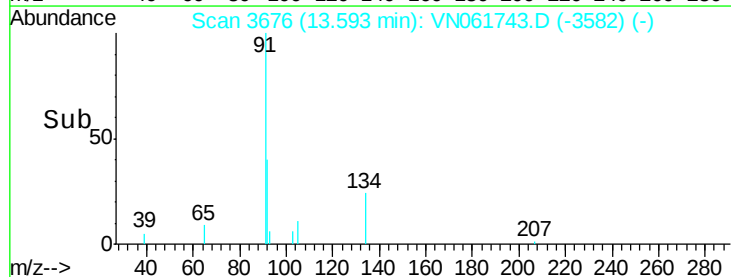
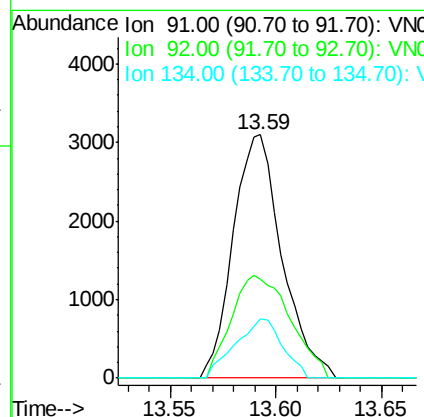
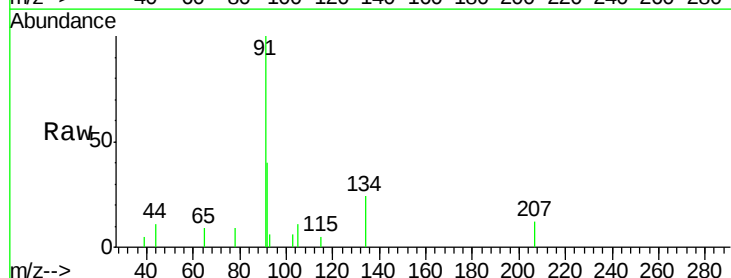
Instrument :
 MSVOA_N
 ClientSampled :
 VN0611WBL01

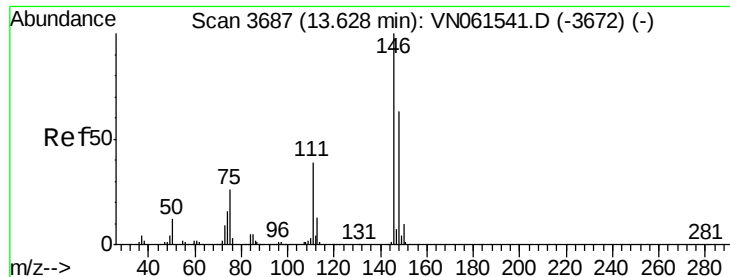
Tot Ion:146 Resp: 2220
 Ion Ratio Lower Upper
 146 100
 111 45.8 18.9 56.9
 148 63.5 31.8 95.3



#89
 n-Butylbenzene
 Concen: 0.445 ug/l
 RT: 13.59 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN061743.D
 Acq: 11 Jun 2020 13:36

Tgt Ion: 91 Resp: 4977
 Ion Ratio Lower Upper
 91 100
 92 50.9 27.2 81.6
 134 23.4 14.0 42.0

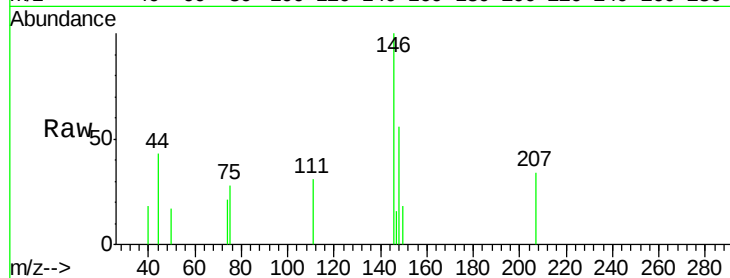




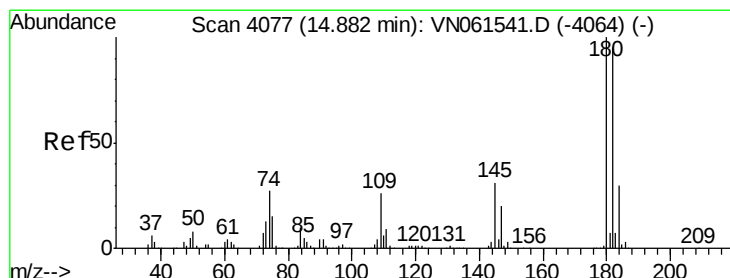
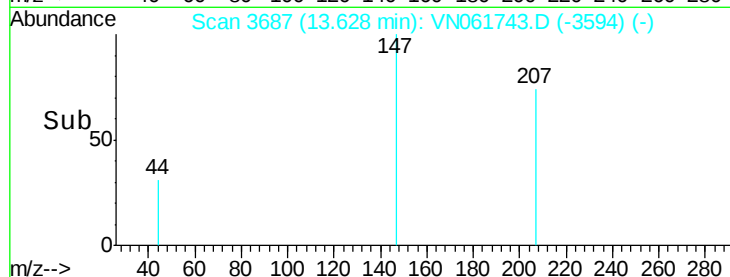
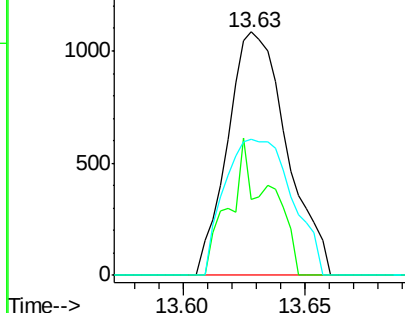
#91
 1,2-Dichlorobenzene
 Concen: 0.277 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061743.D
 Acq: 11 Jun 2020 13:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0611WBL01

Tot Ion	Ratio	Lower	Upper
146	100		
111	24.9	20.1	60.2
148	63.6	31.9	95.5

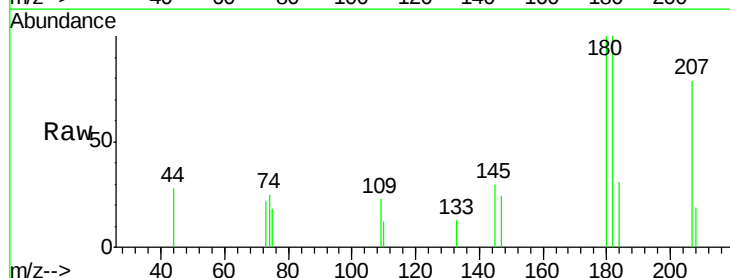


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

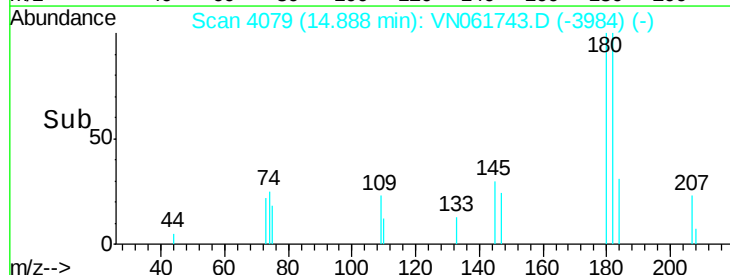
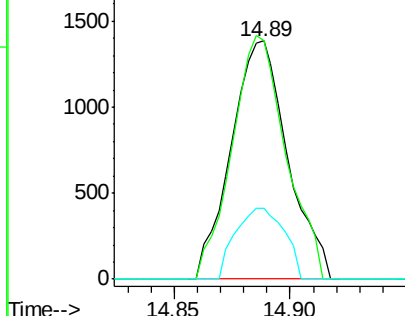


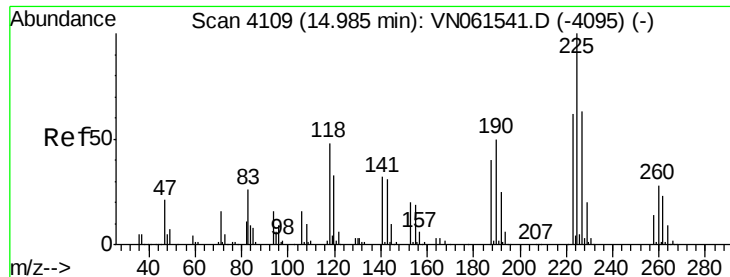
#93
 1,2,4-Trichlorobenzene
 Concen: 0.610 ug/l
 RT: 14.89 min Scan# 4079
 Delta R.T. 0.01 min
 Lab File: VN061743.D
 Acq: 11 Jun 2020 13:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.8	143.3
145	25.5	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: 1.514 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

VN0611WBL01

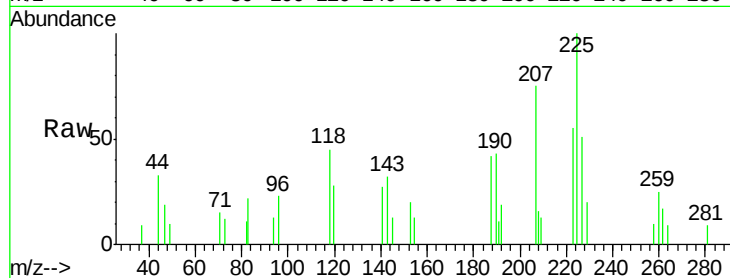
Tot Ion:225 Resp: 2487

Ion Ratio Lower Upper

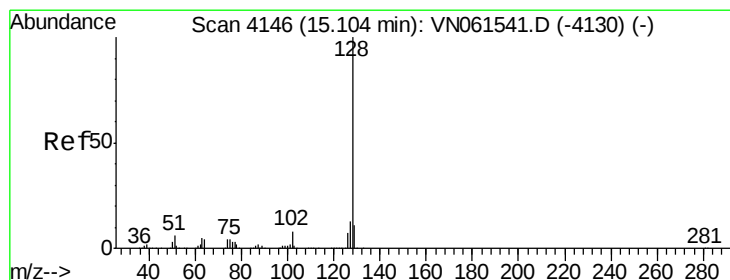
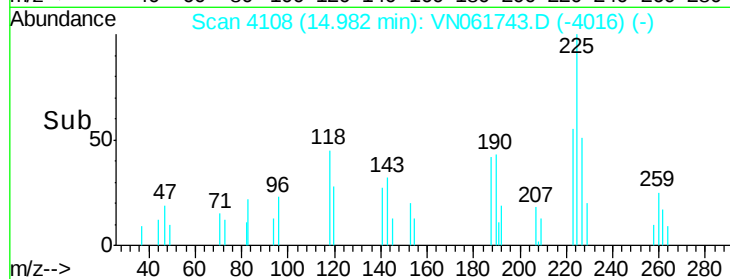
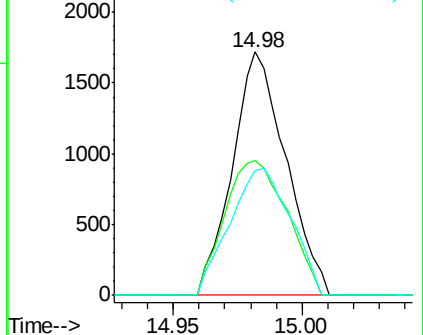
225 100

223 64.7 31.9 95.5

227 59.2 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: 0.540 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

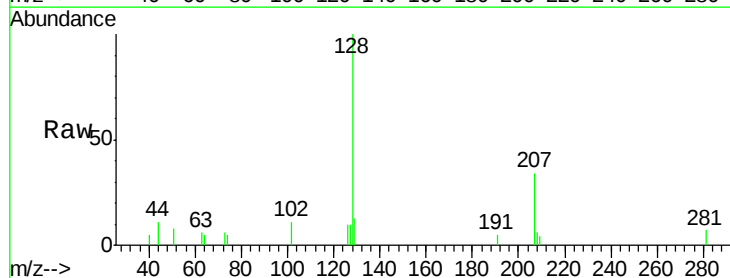
Tgt Ion:128 Resp: 6326

Ion Ratio Lower Upper

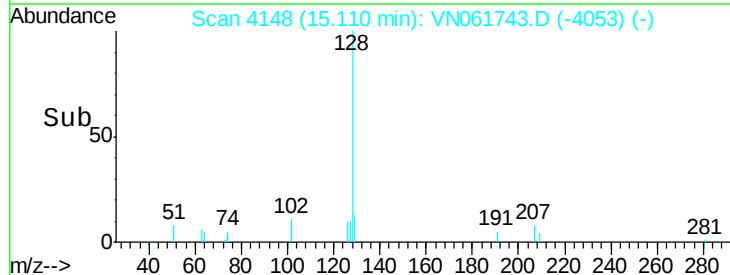
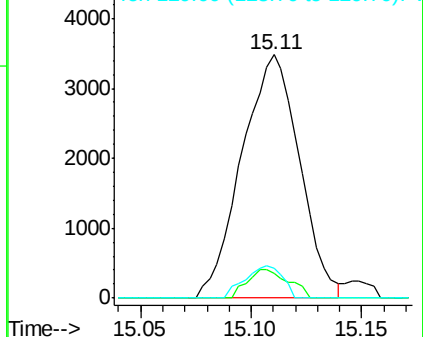
128 100

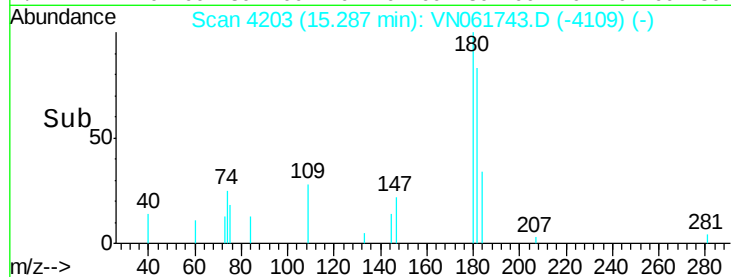
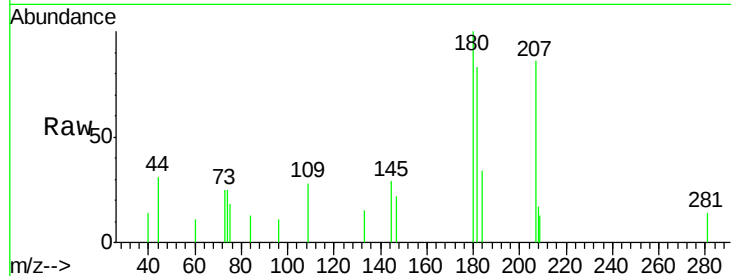
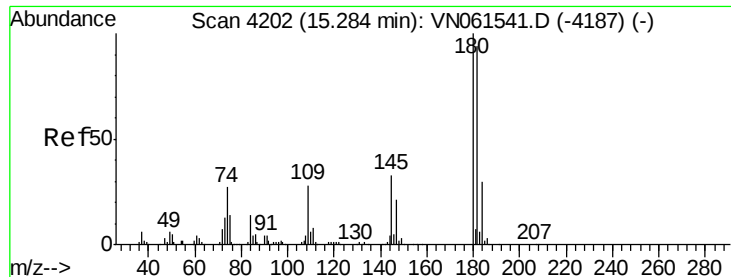
127 8.4 10.0 15.0#

129 8.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.716 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBL01

Tot Ion:180 Resp: 2710

Ion Ratio Lower Upper

180 100

182 94.9 47.1 141.3

145 27.7 16.3 48.9

