

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061241.D
 Acq On : 1 May 2020 19:23
 Operator : JC/MD
 Sample : L2467-09 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 04 00:57:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	105762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	185941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	180660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79857	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	82080	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	7.55	113	54964	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
50) Toluene-d8	10.06	98	234210	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.38	95	85244	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	

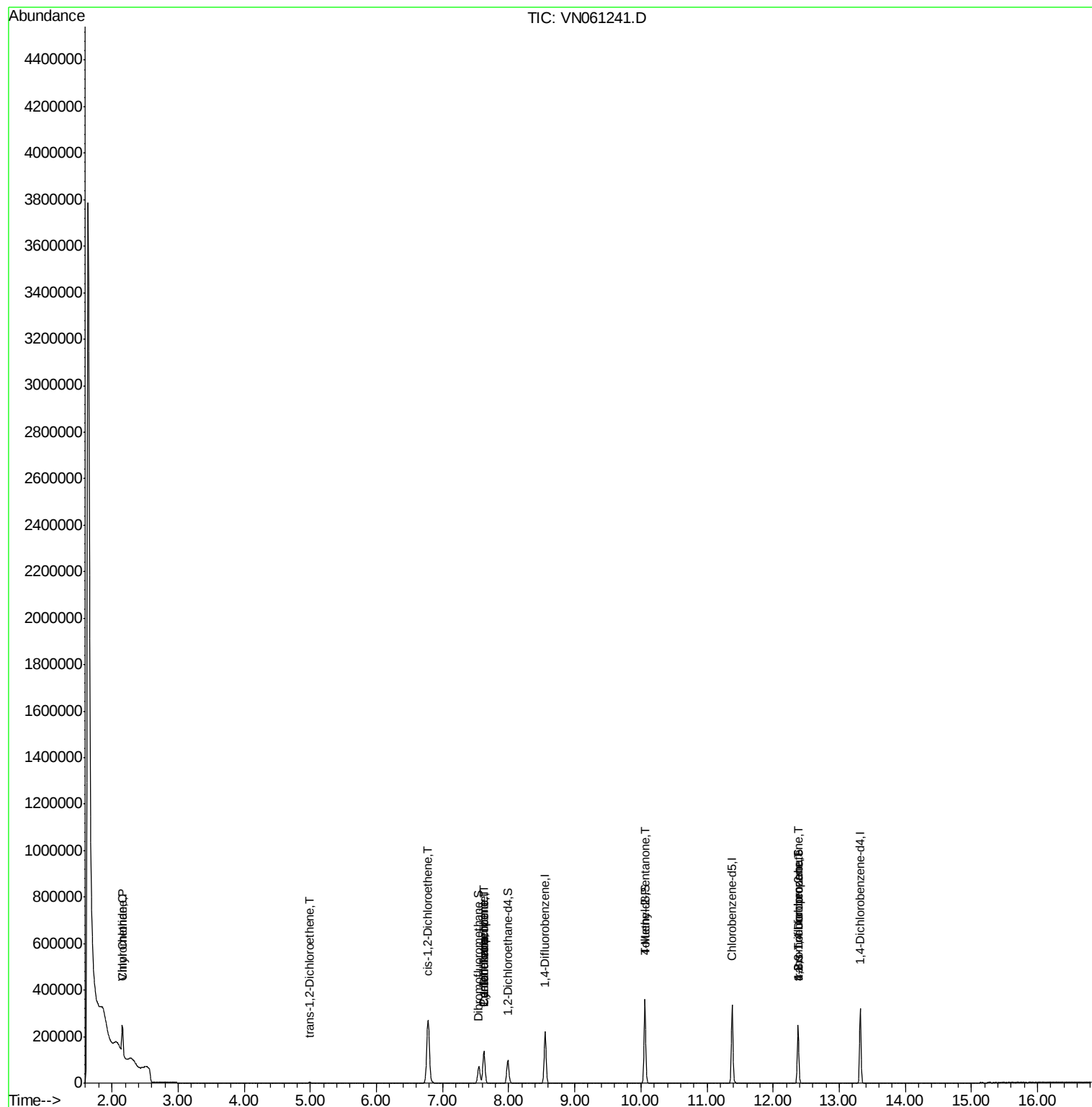
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.16	50	884	0.651	ug/l #	42
4) Vinyl Chloride	2.16	62	111519	72.285	ug/l	100
16) Acetone	3.78	43	2725	Below Cal	#	87
21) trans-1,2-Dichloroethene	4.99	96	1634	1.345	ug/l #	81
27) cis-1,2-Dichloroethene	6.78	96	173728	121.836	ug/l	89
31) Cyclohexane	7.63	56	2746	1.128	ug/l #	3
36) 1,1-Dichloropropene	7.63	75	9139	4.910	ug/l #	49
38) Carbon Tetrachloride	7.63	117	10902	8.412	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1186	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	45598	27.084	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	45598	68.778	ug/l #	8

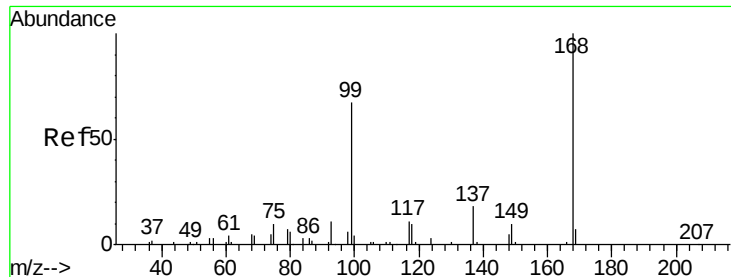
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

Instrument :

MSVOA_N

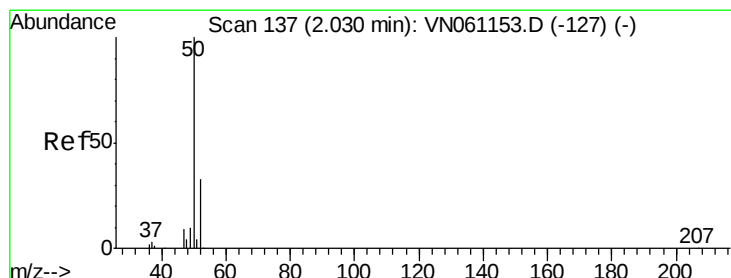
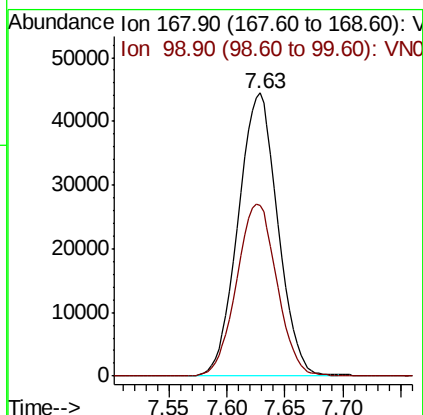
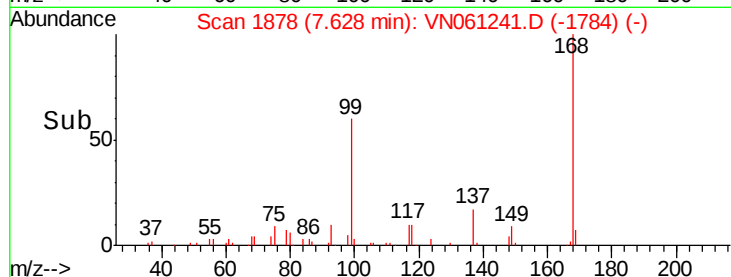
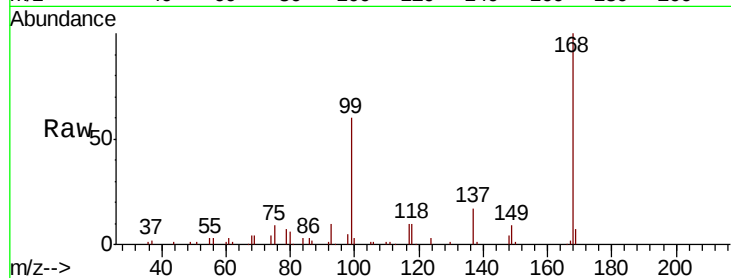
ClientSampled :

Tot Ion:168 Resp: 105762

Ion Ratio Lower Upper

168 100

99 60.5 51.2 76.8



#3

Chloromethane

Concen: 0.651 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.13 min

Lab File: VN061241.D

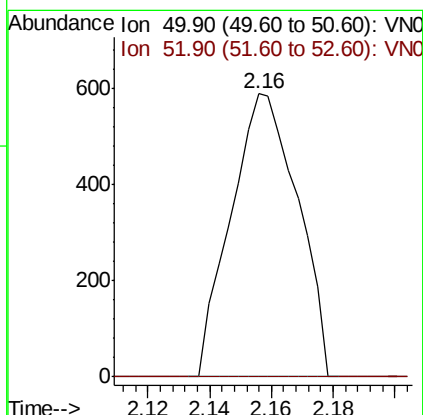
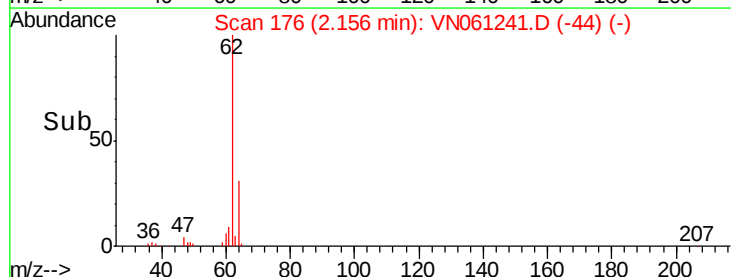
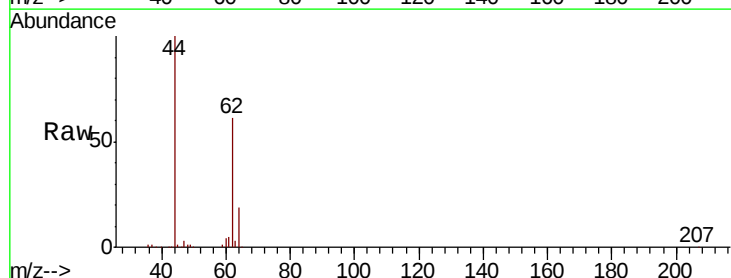
Acq: 1 May 2020 19:23

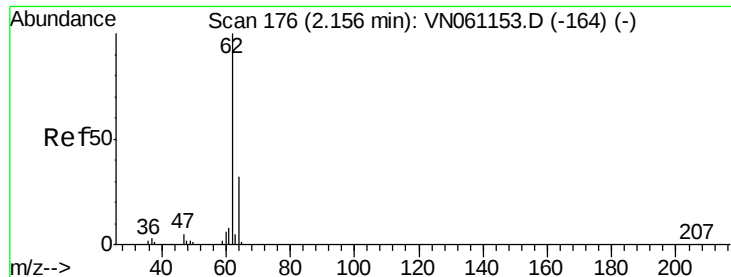
Tgt Ion: 50 Resp: 884

Ion Ratio Lower Upper

50 100

52 0.0 26.0 39.0#





#4

Vinyl Chloride

Concen: 72.285 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

Instrument :

MSVOA_N

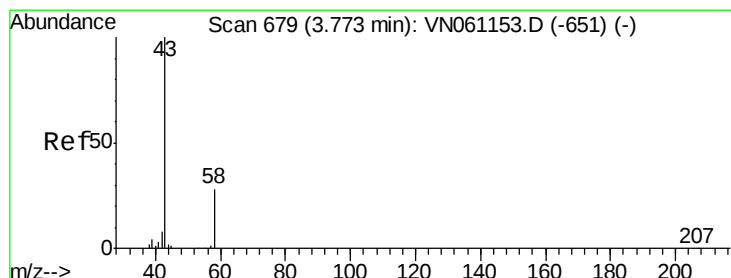
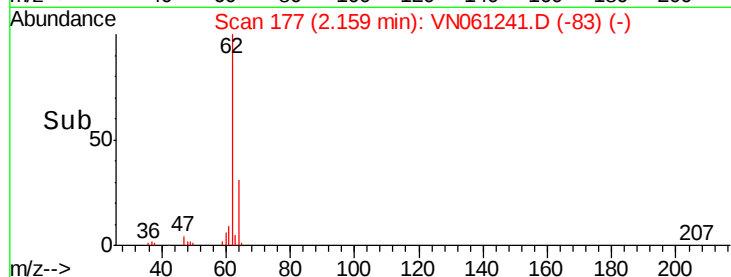
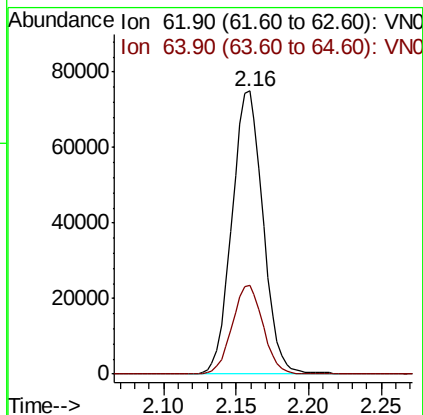
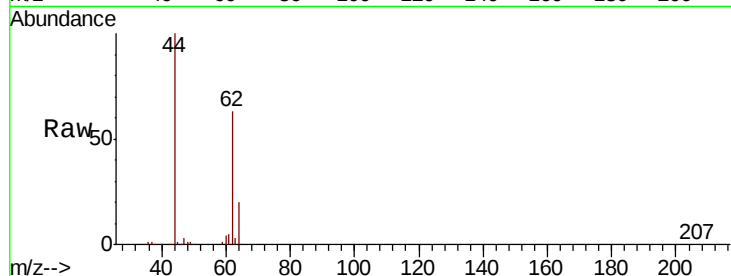
ClientSampled :

Tot Ion: 62 Resp: 111519

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 682

Delta R.T. 0.01 min

Lab File: VN061241.D

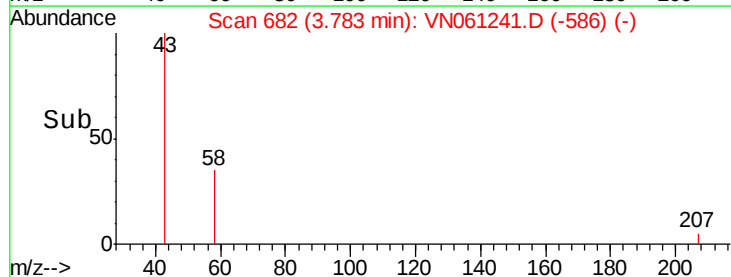
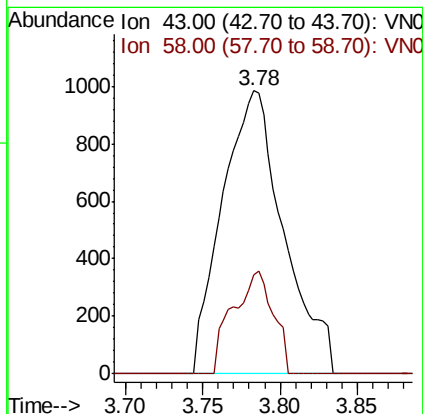
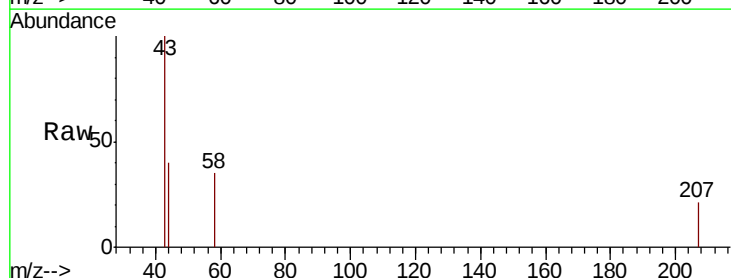
Acq: 1 May 2020 19:23

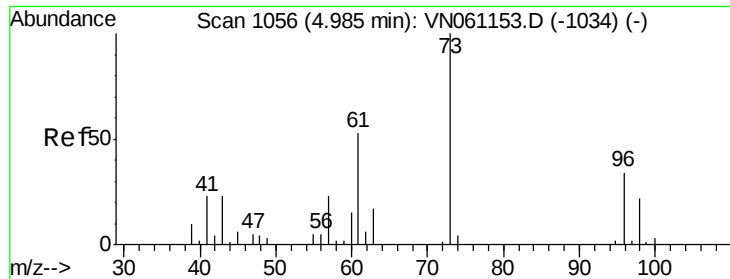
Tgt Ion: 43 Resp: 2725

Ion Ratio Lower Upper

43 100

58 34.8 22.2 33.2#

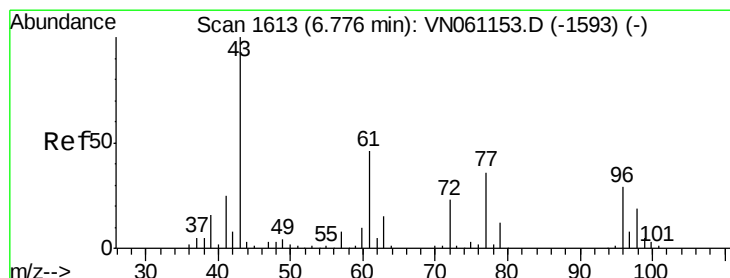
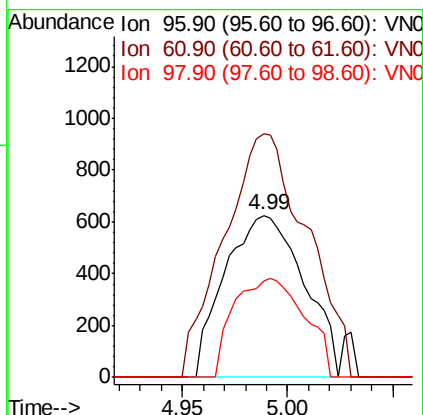
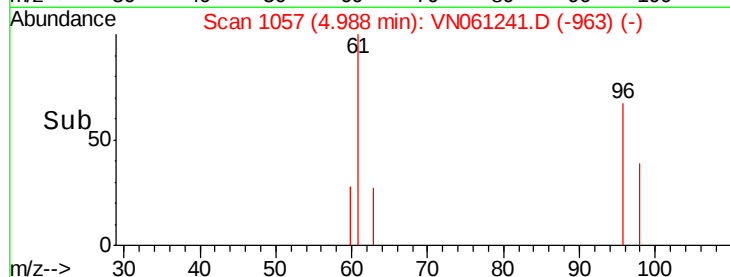
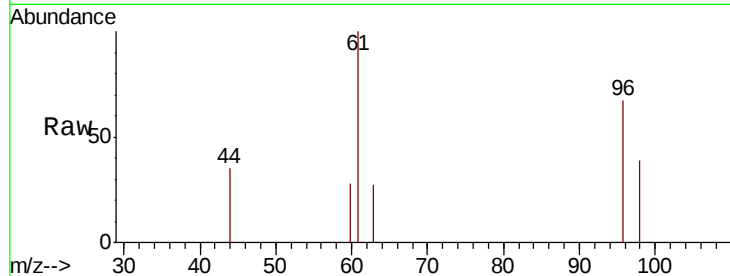




#21
trans-1,2-Dichloroethene
Concen: 1.345 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061241.D
Acq: 1 May 2020 19:23

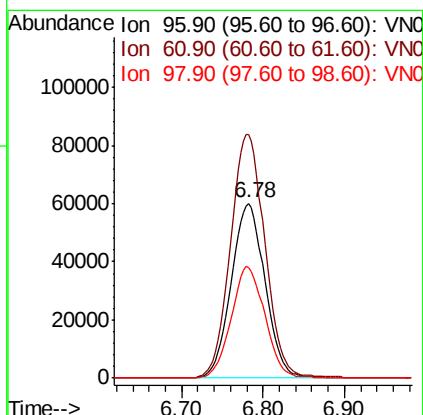
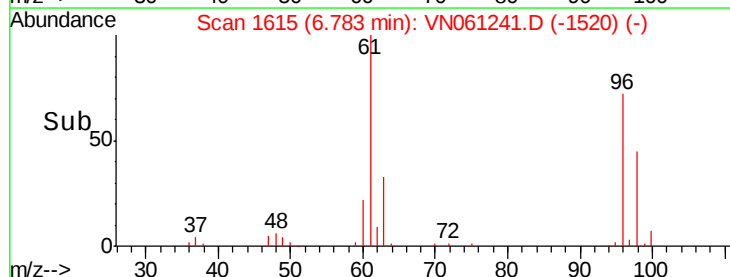
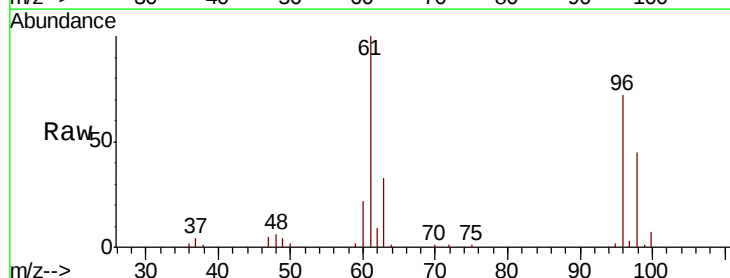
Instrument :
MSVOA_N
ClientSampled :

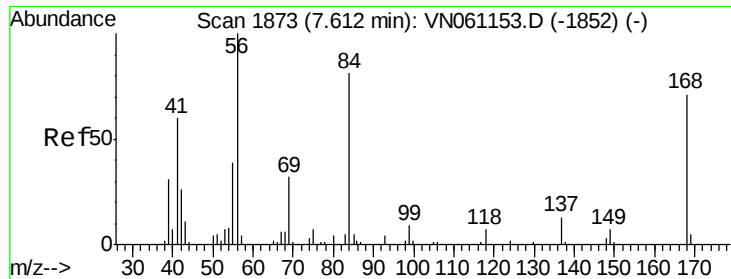
Tot Ion: 96 Resp: 1634
Ion Ratio Lower Upper
96 100
61 122.4 123.0 184.4#
98 59.1 50.1 75.1



#27
cis-1,2-Dichloroethene
Concen: 121.836 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.01 min
Lab File: VN061241.D
Acq: 1 May 2020 19:23

Tgt Ion: 96 Resp: 173728
Ion Ratio Lower Upper
96 100
61 142.0 0.0 322.0
98 63.5 0.0 129.6

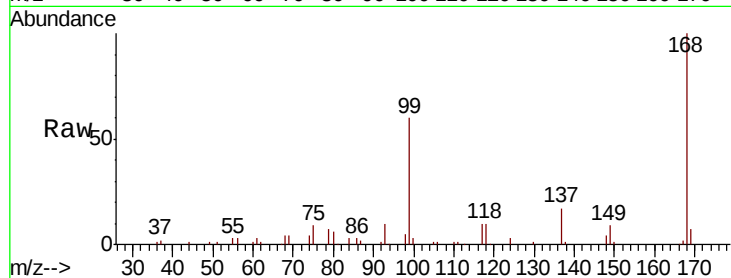




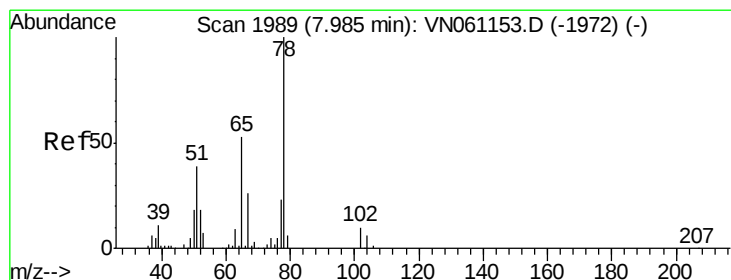
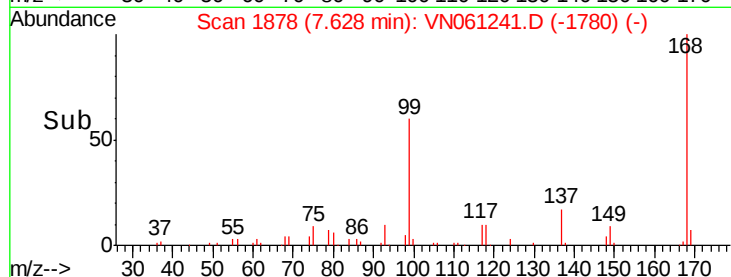
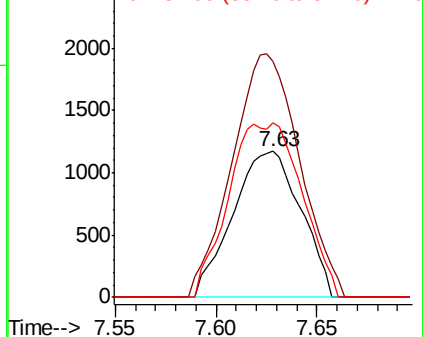
#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.63 min Scan# 1878
Delta R.T. 0.02 min
Lab File: VN061241.D
Acq: 1 May 2020 19:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 2746
Ion Ratio Lower Upper
56 100
69 161.8 25.7 38.5#
84 119.4 64.6 97.0#

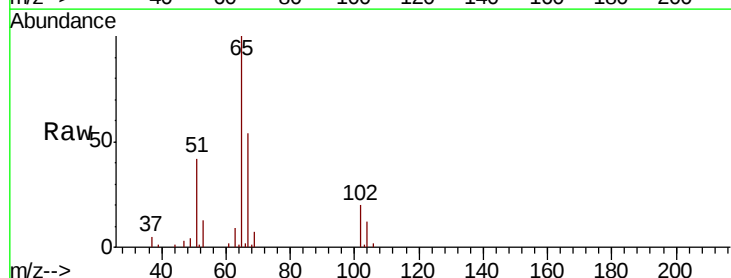


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

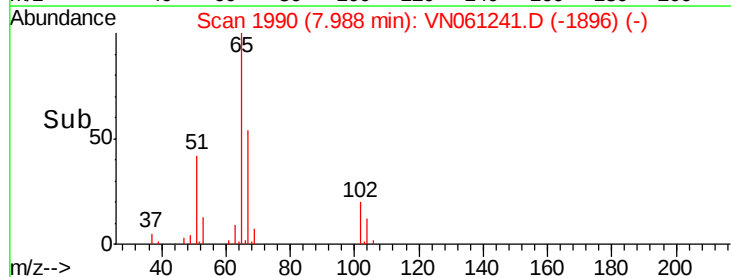
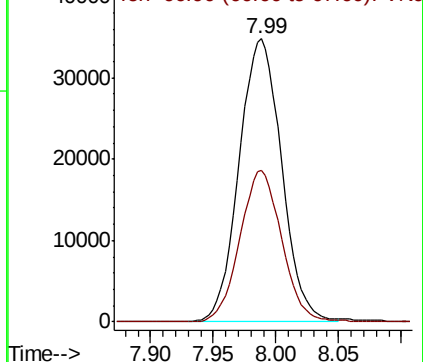


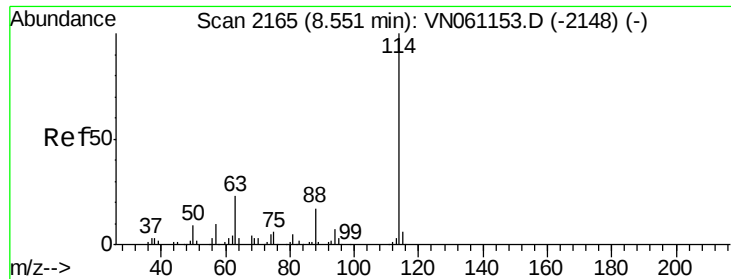
#33
1,2-Dichloroethane-d4
Concen: 49.047 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061241.D
Acq: 1 May 2020 19:23

Tgt Ion: 65 Resp: 82080
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.6



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

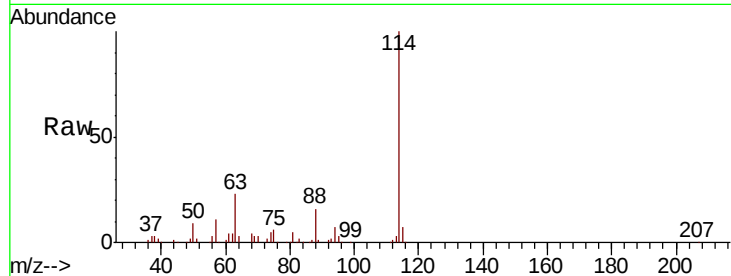




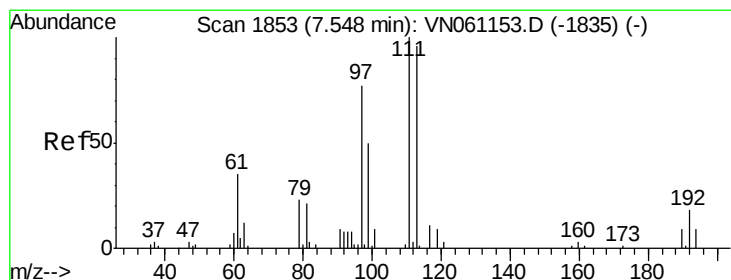
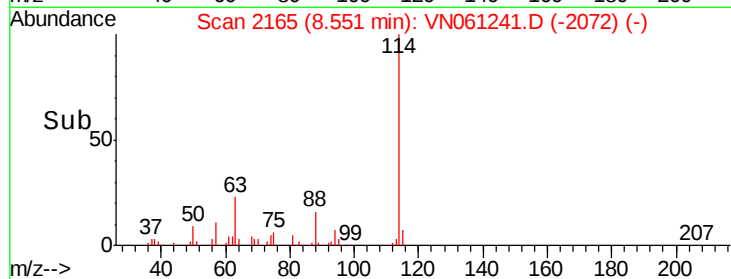
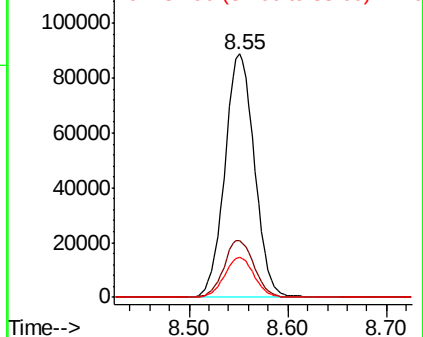
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VN061241.D
 Acq: 1 May 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	46.6
88	16.3	0.0	33.4

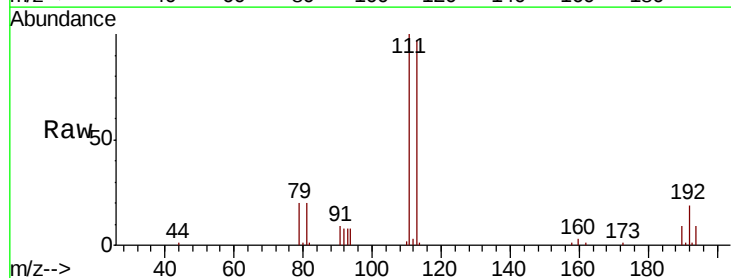


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

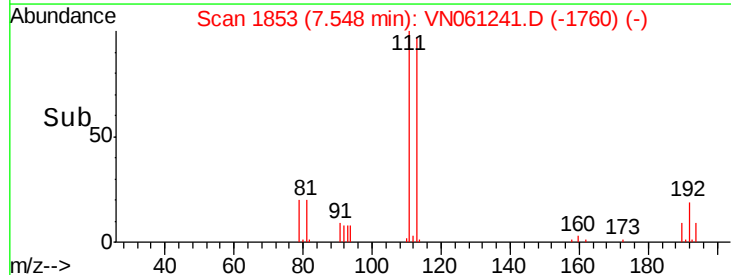
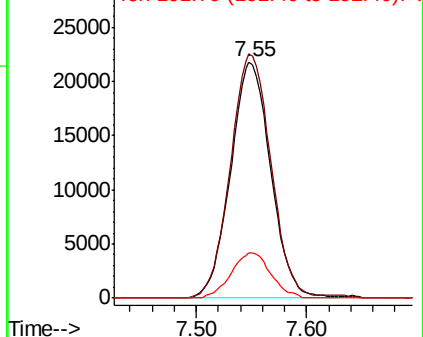


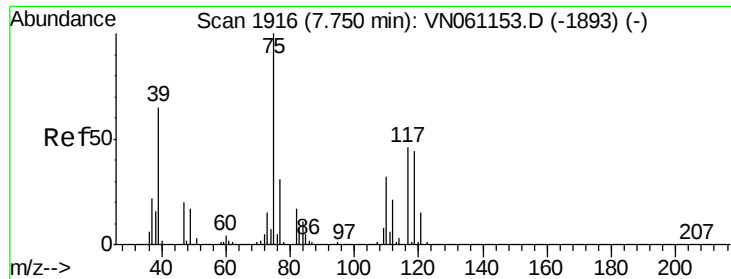
#35
 Dibromofluoromethane
 Concen: 49.989 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN061241.D
 Acq: 1 May 2020 19:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.9	124.3
192	18.8	14.7	22.1



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

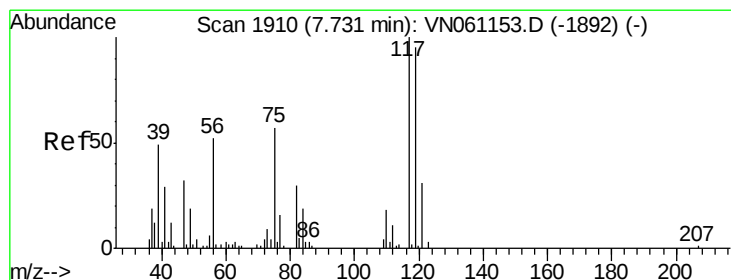
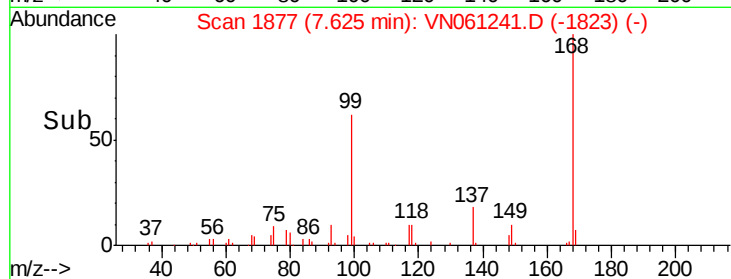
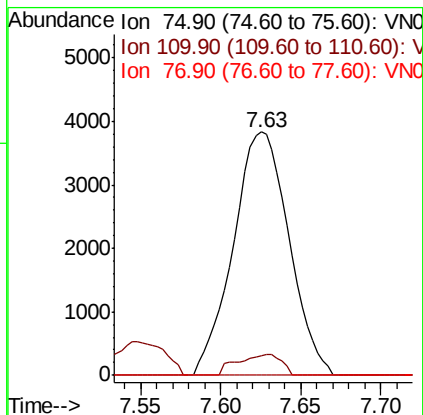
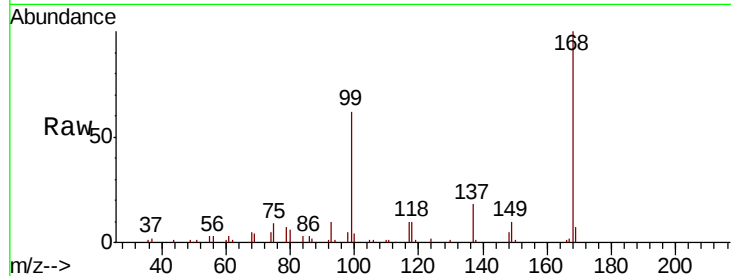




#36
 1,1-Dichloropropene
 Concen: 4.910 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061241.D
 Acq: 1 May 2020 19:23

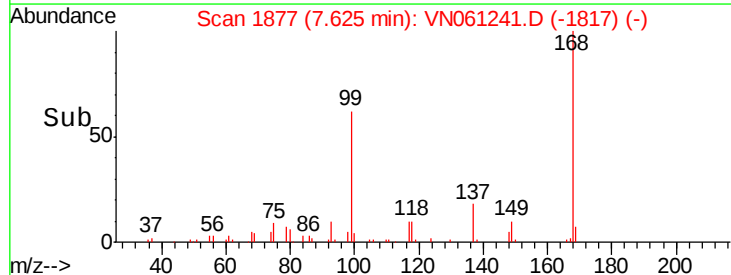
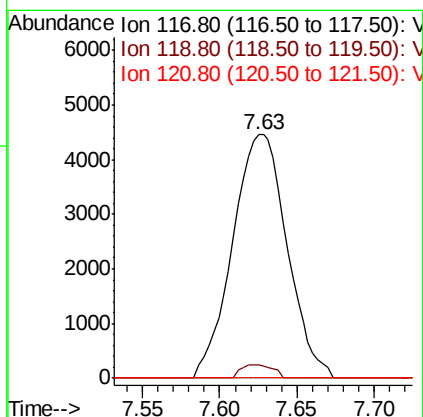
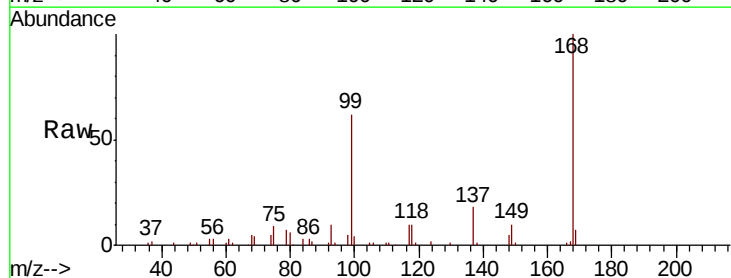
Instrument :
 MSVOA_N
 ClientSampled :

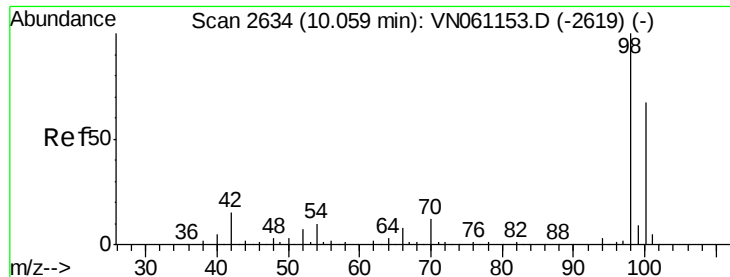
Tot Ion: 75 Resp: 9139
 Ion Ratio Lower Upper
 75 100
 110 6.8 16.0 48.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 8.412 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061241.D
 Acq: 1 May 2020 19:23

Tgt Ion: 117 Resp: 10902
 Ion Ratio Lower Upper
 117 100
 119 5.3 75.8 113.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 52.253 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

Instrument :

MSVOA_N

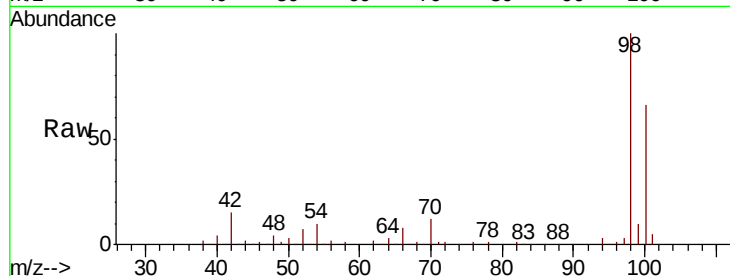
ClientSampled :

Tot Ion: 98 Resp: 234210

Ion Ratio Lower Upper

98 100

100 65.6 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

10.06

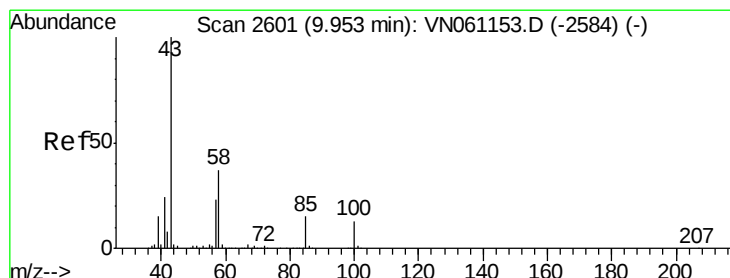
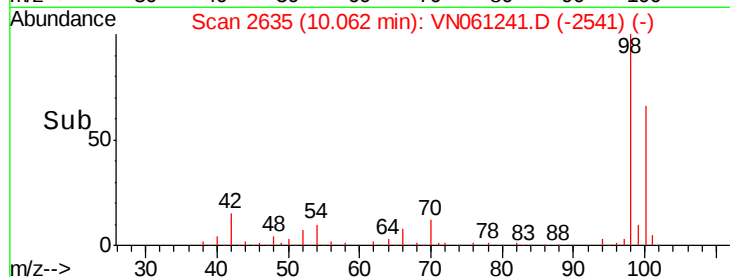
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.556 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.11 min

Lab File: VN061241.D

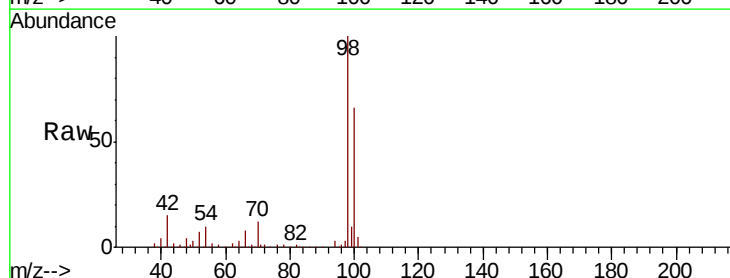
Acq: 1 May 2020 19:23

Tgt Ion: 43 Resp: 1186

Ion Ratio Lower Upper

43 100

58 183.2 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

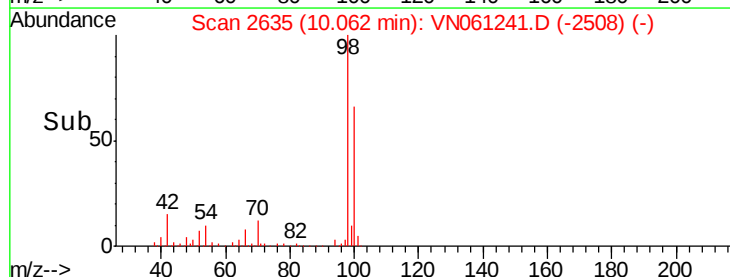
10.06

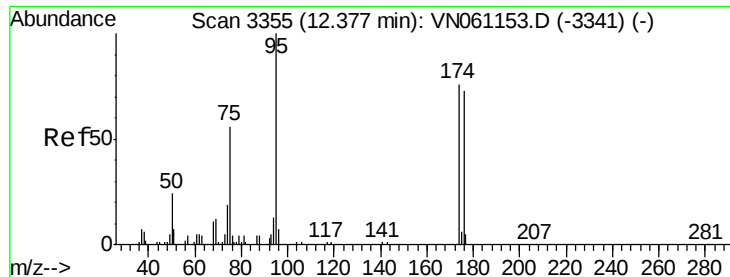
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 50.538 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

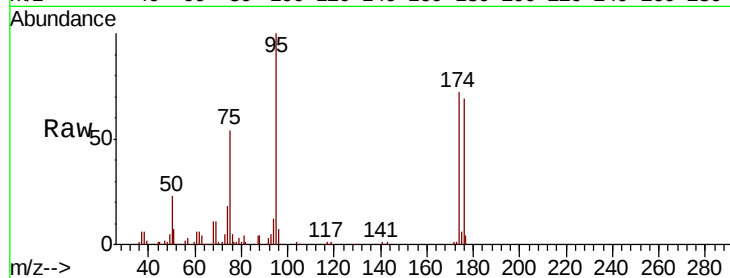
Tot Ion: 95 Resp: 85244

Ion Ratio Lower Upper

95 100

174 74.2 0.0 149.4

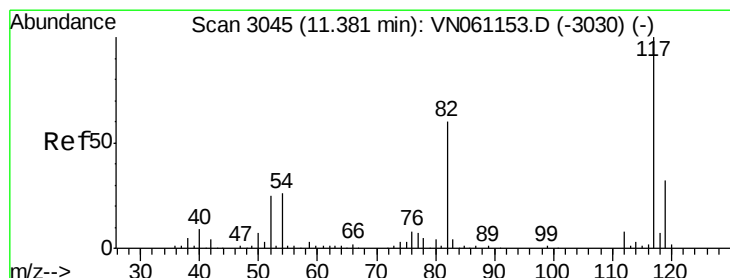
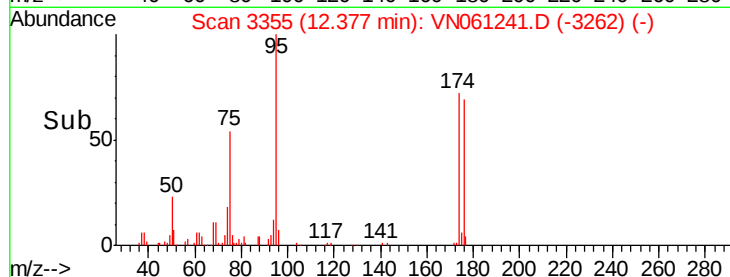
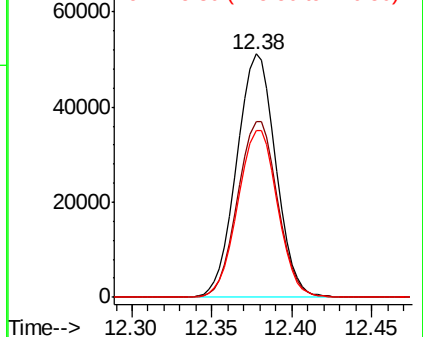
176 70.0 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061241.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061241.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061241.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. -0.00 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

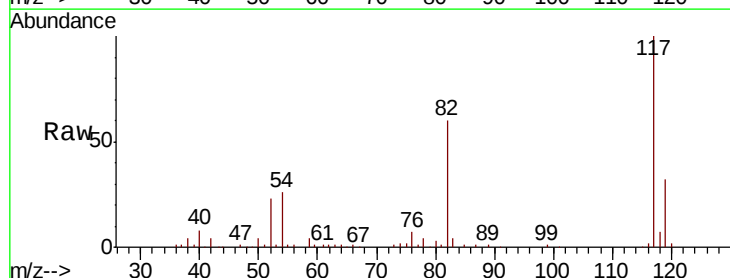
Tgt Ion: 117 Resp: 180660

Ion Ratio Lower Upper

117 100

82 59.6 47.8 71.8

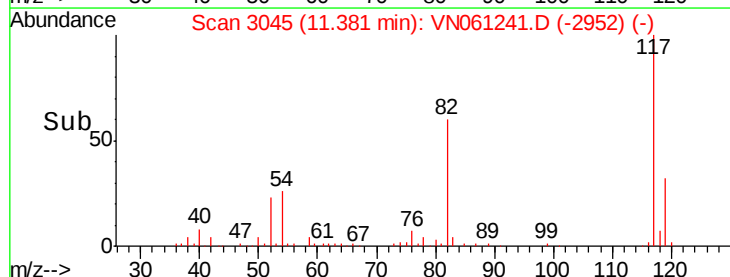
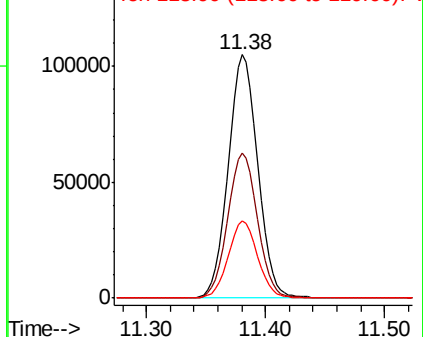
119 31.7 25.8 38.6

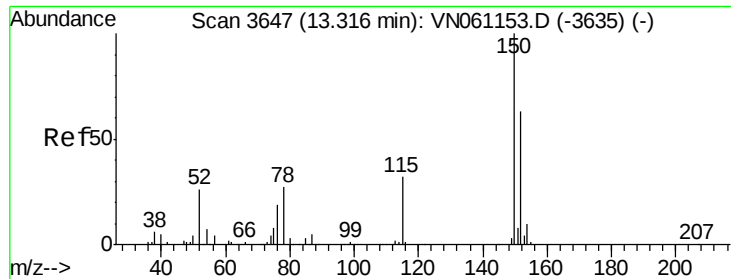


Abundance Ion 116.90 (116.60 to 117.60): VN061241.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061241.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061241.D (-2952) (-)



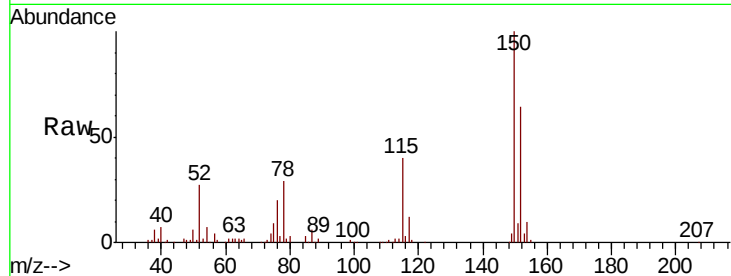


#72

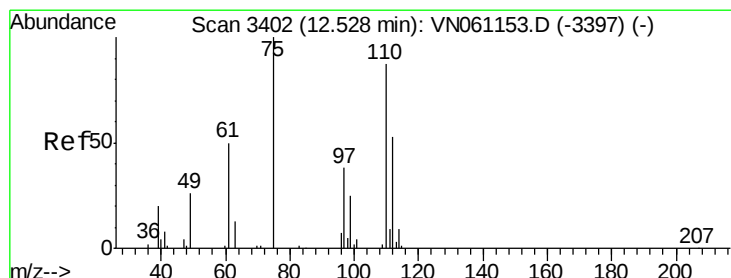
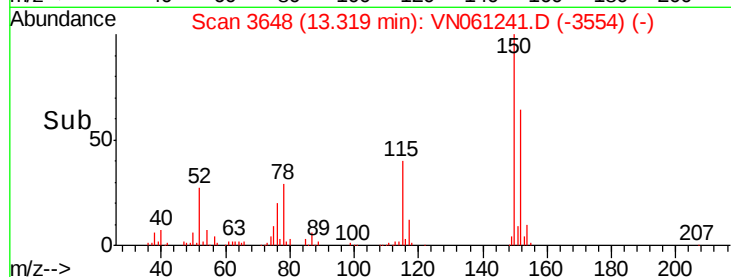
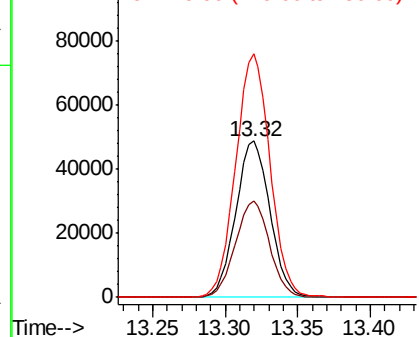
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061241.D
Acq: 1 May 2020 19:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 79857
Ion Ratio Lower Upper
152 100
115 61.7 31.0 93.0
150 156.5 0.0 351.8



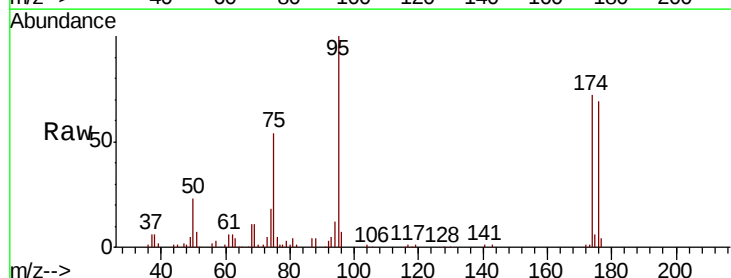
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



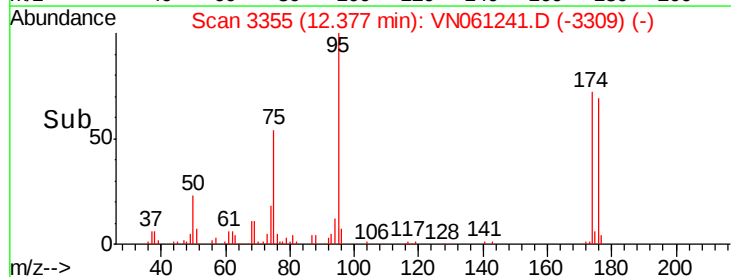
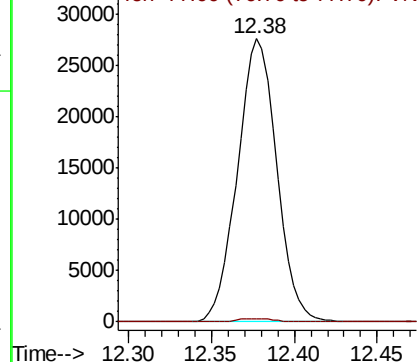
#76

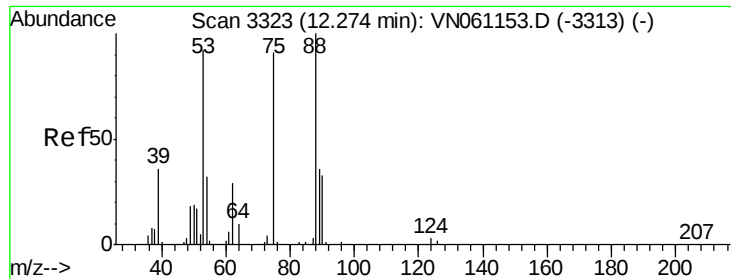
1,2,3-Trichloropropane
Concen: 27.084 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. -0.15 min
Lab File: VN061241.D
Acq: 1 May 2020 19:23

Tgt Ion: 75 Resp: 45598
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





#81

trans-1,4-Dichloro-2-butene

Concen: 68.778 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061241.D

Acq: 1 May 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 45598

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#

