

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061137.D
 Acq On : 22 Apr 2020 19:09
 Operator : JC/MD
 Sample : L2337-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 07:37:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	185922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	307769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	291934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	141431	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.77	65	117431	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
35) Dibromofluoromethane	7.31	113	79580	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
50) Toluene-d8	9.88	98	378917	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.21	95	145599	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	

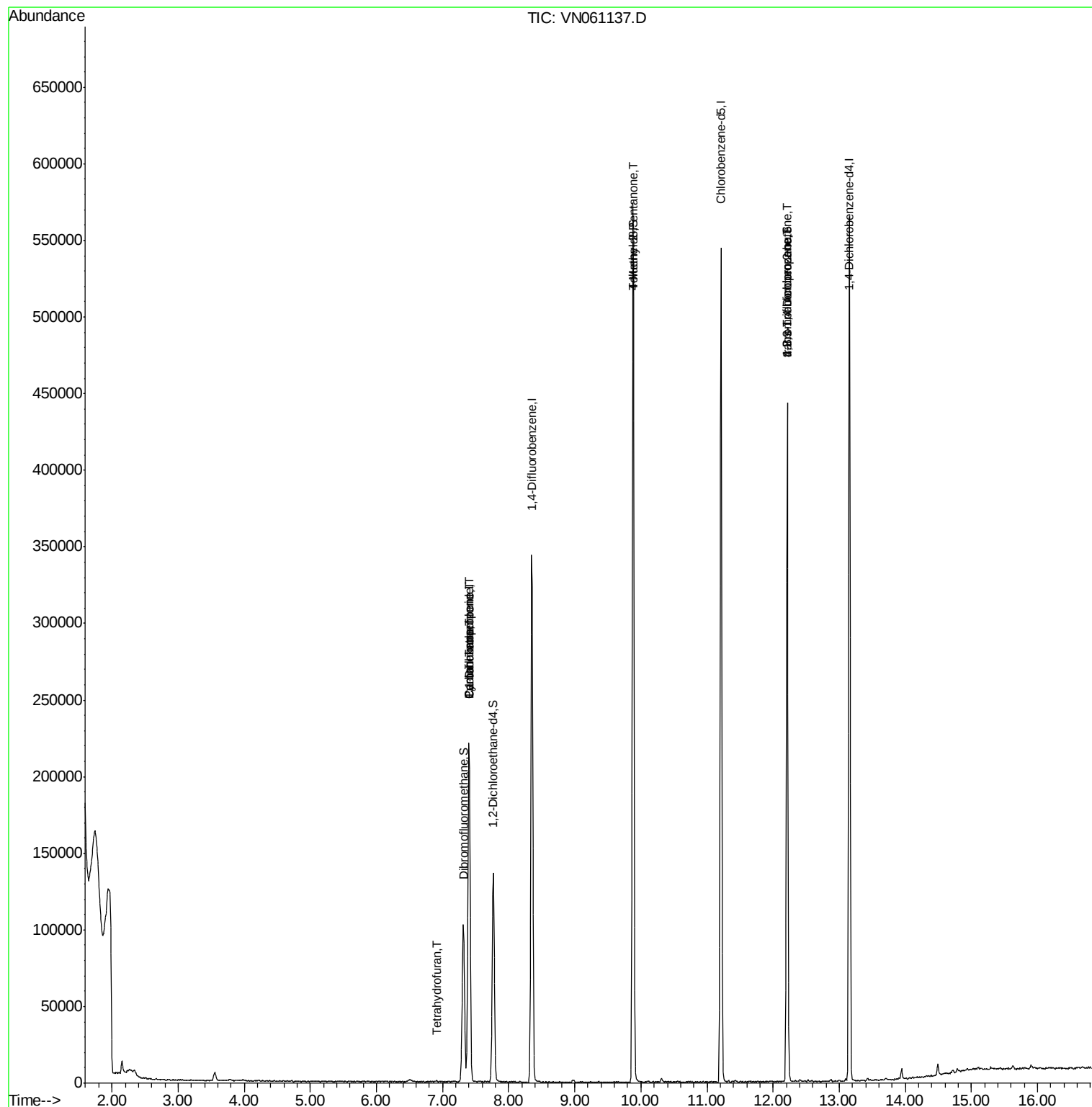
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.55	43	9867	Below Cal		98
18) Methyl Acetate	3.89	43	90	Below Cal	#	51
29) Tetrahydrofuran	6.91	42	422	0.456	ug/l #	68
31) Cyclohexane	7.40	56	3824	1.010	ug/l #	1
36) 1,1-Dichloropropene	7.40	75	14192	4.718	ug/l #	49
38) Carbon Tetrachloride	7.40	117	17700	6.722	ug/l #	16
49) 1,4-Dioxane	8.98	88	1011	Below Cal	#	81
51) 4-Methyl-2-Pentanone	9.88	43	1927	0.645	ug/l #	1
76) 1,2,3-Trichloropropane	12.21	75	74168	22.735	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.21	75	74168	59.706	ug/l #	12

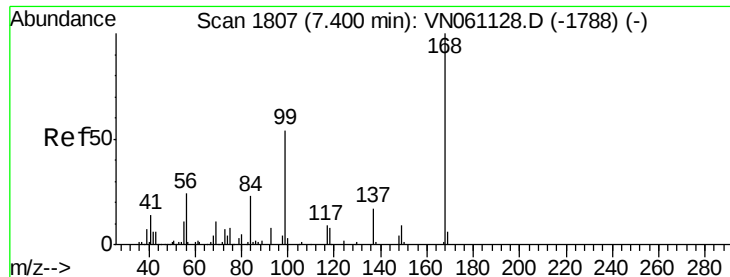
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042220\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
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Response via : Initial Calibration



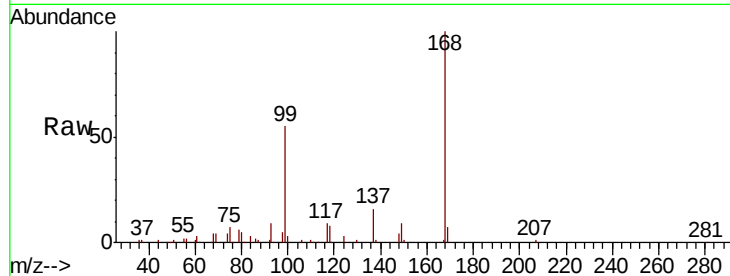


#1

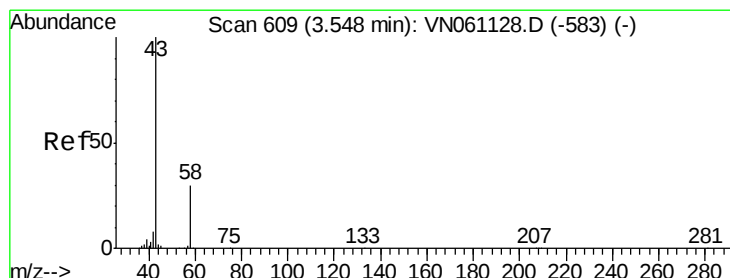
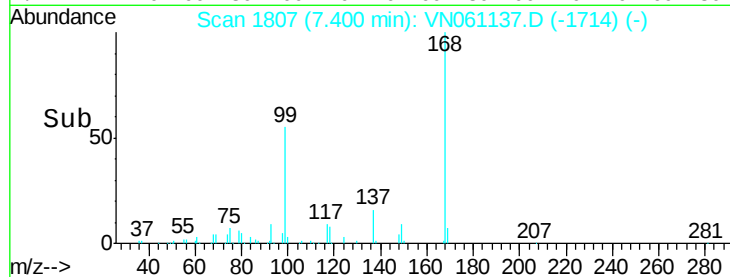
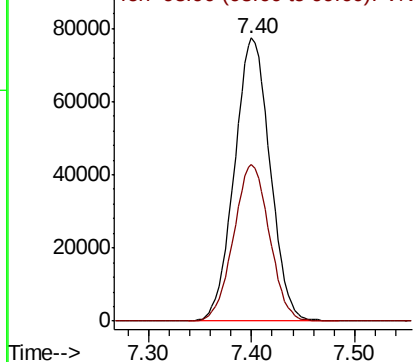
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.40 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN061137.D
 Acq: 22 Apr 2020 19:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:168 Resp: 185922
 Ion Ratio Lower Upper
 168 100
 99 55.2 44.3 66.5



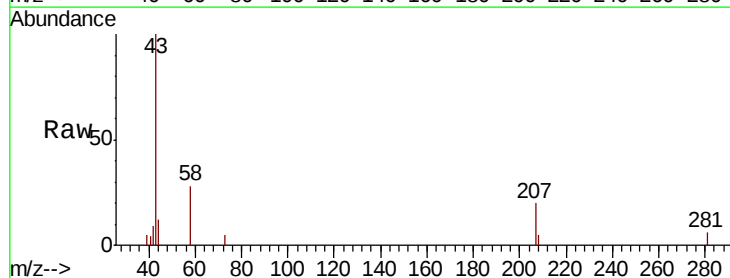
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VN0



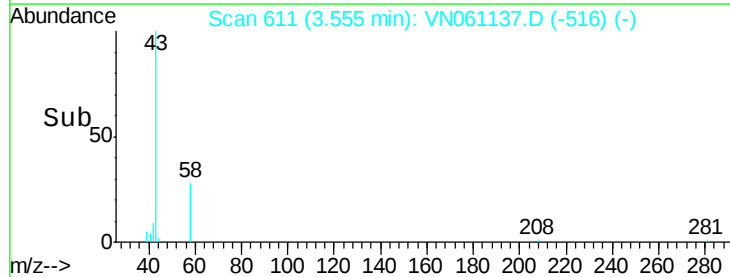
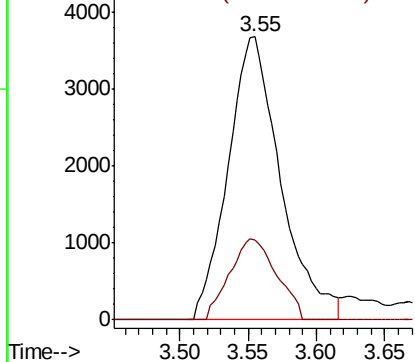
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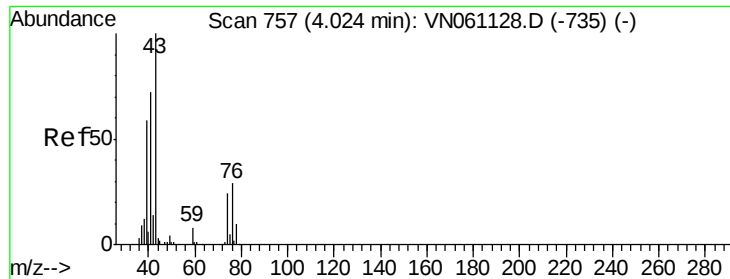
Acetone
 Concen: Below Cal
 RT: 3.55 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VN061137.D
 Acq: 22 Apr 2020 19:09

Tgt Ion: 43 Resp: 9867
 Ion Ratio Lower Upper
 43 100
 58 28.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

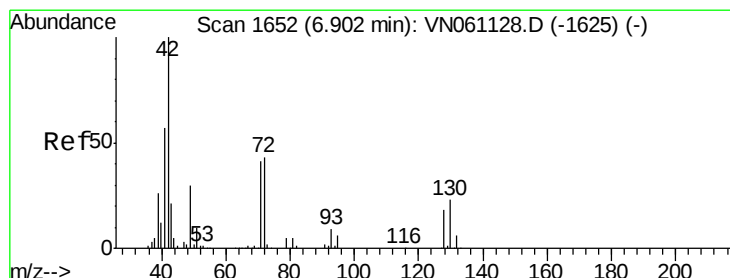
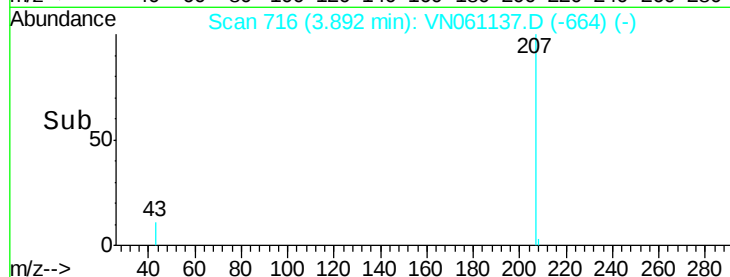
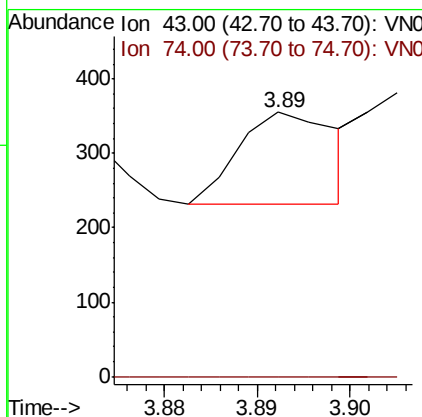
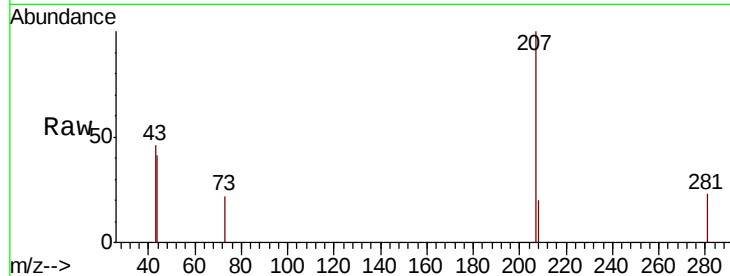




#18
Methyl Acetate
Concen: Below Cal
RT: 3.89 min Scan# 716
Delta R.T. -0.13 min
Lab File: VN061137.D
Acq: 22 Apr 2020 19:09

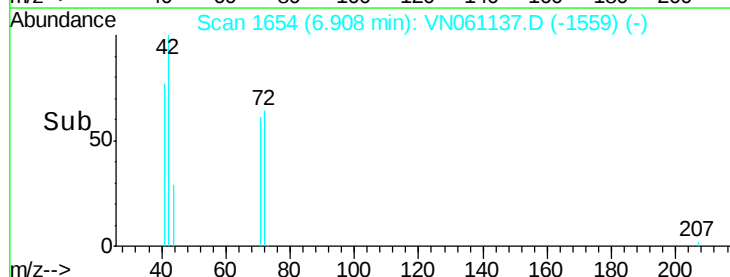
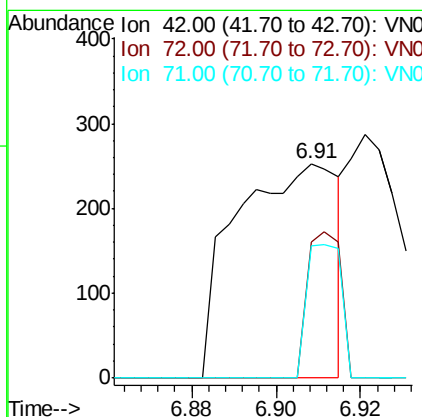
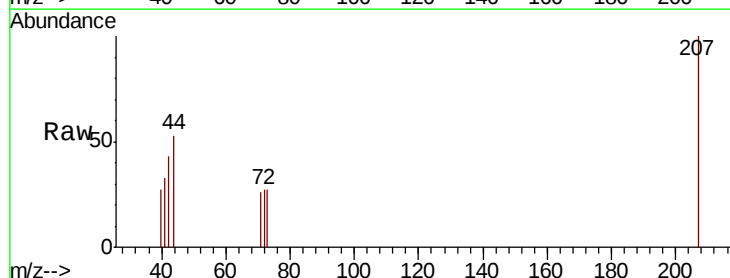
Instrument :
MSVOA_V
ClientSampleId :

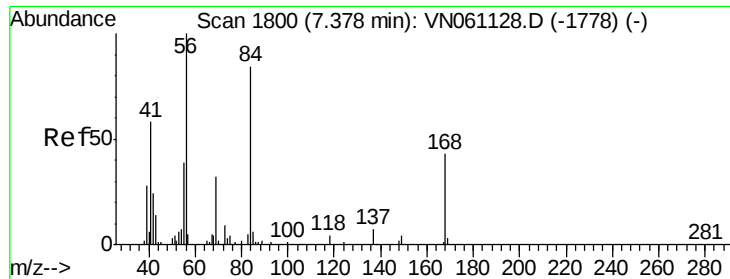
Tot Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#29
Tetrahydrofuran
Concen: 0.456 ug/l
RT: 6.91 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VN061137.D
Acq: 22 Apr 2020 19:09

Tgt Ion: 42 Resp: 422
Ion Ratio Lower Upper
42 100
72 22.5 35.1 52.7#
71 21.3 33.0 49.6#

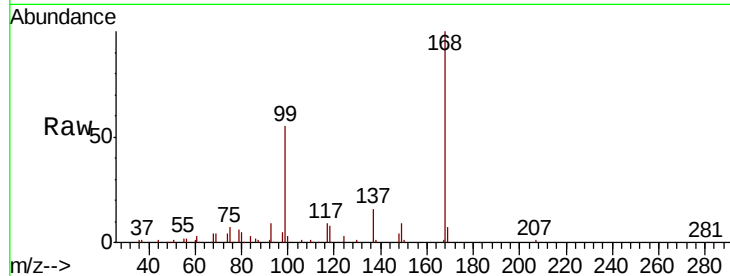




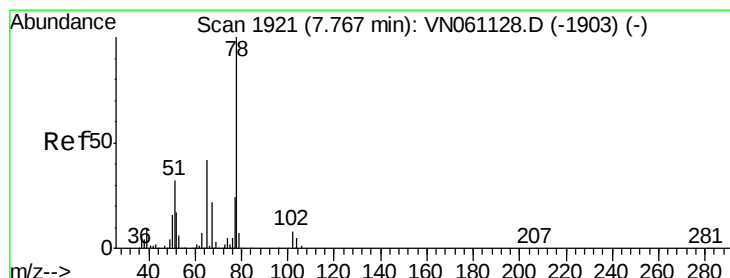
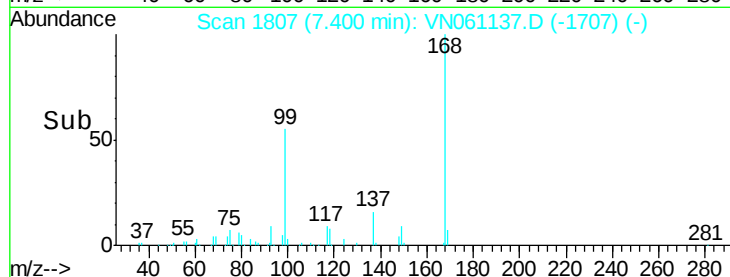
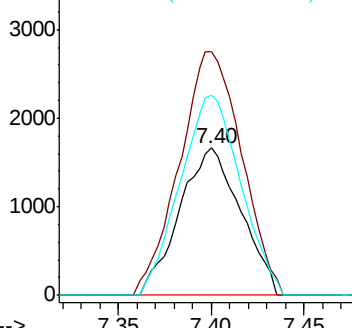
#31
Cyclohexane
Concen: 1.010 ug/l
RT: 7.40 min Scan# 1807
Delta R.T. 0.02 min
Lab File: VN061137.D
Acq: 22 Apr 2020 19:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 56 Resp: 3824
Ion Ratio Lower Upper
56 100
69 165.1 25.9 38.9#
84 135.2 67.4 101.0#

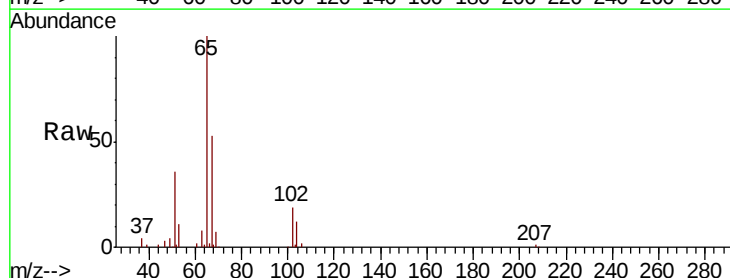


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

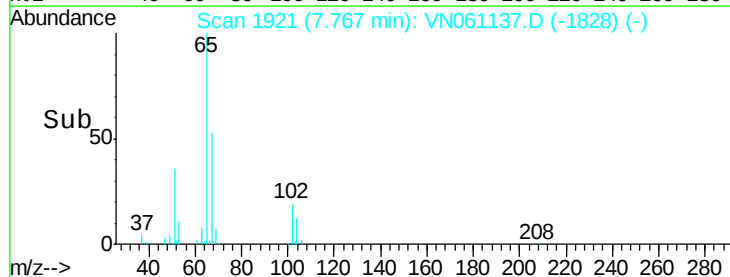
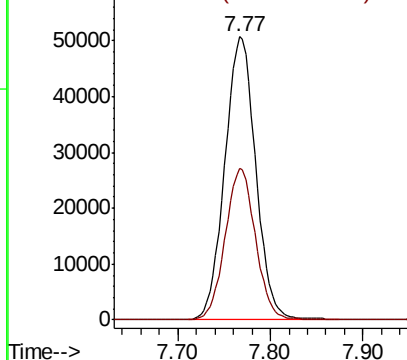


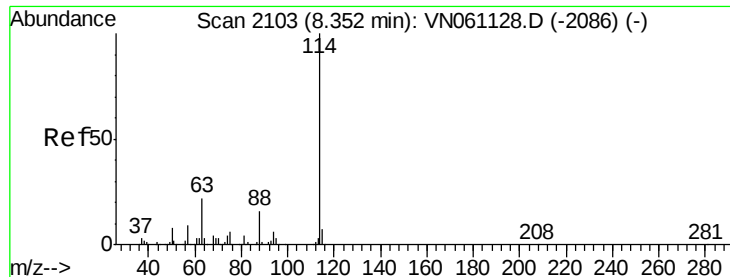
#33
1,2-Dichloroethane-d4
Concen: 47.634 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN061137.D
Acq: 22 Apr 2020 19:09

Tgt Ion: 65 Resp: 117431
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8



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: 8.35 min Scan# 2102

Delta R.T. -0.00 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

Instrument :

MSVOA_V

ClientSampleId :

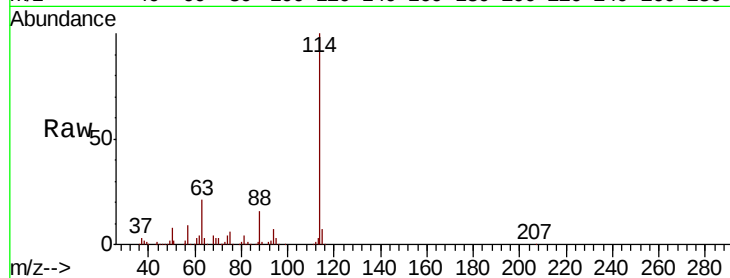
Tot Ion:114 Resp: 307769

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

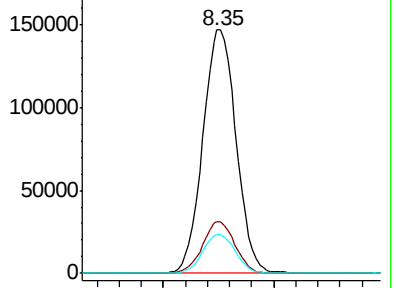
88 16.0 0.0 32.4



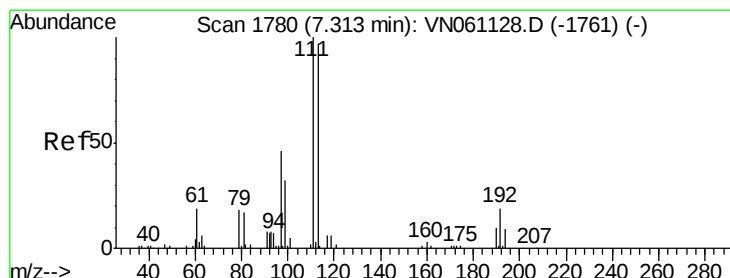
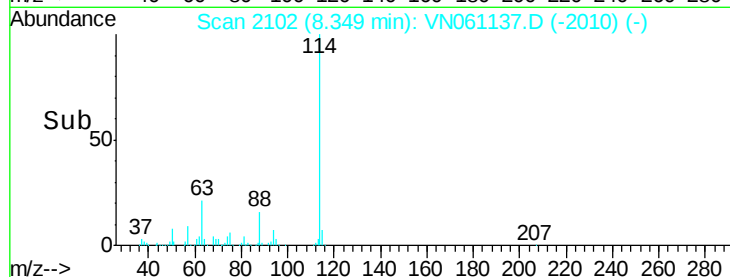
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



Time-->



#35

Dibromofluoromethane

Concen: 45.308 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

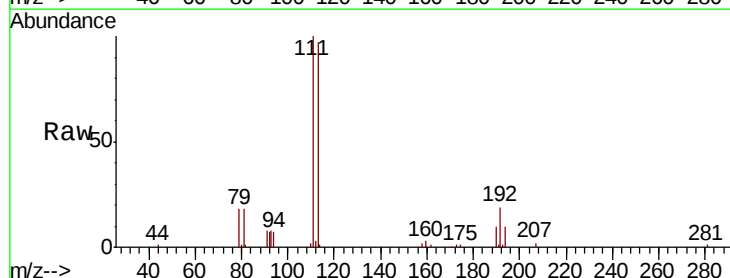
Tgt Ion:113 Resp: 79580

Ion Ratio Lower Upper

113 100

111 104.2 83.0 124.6

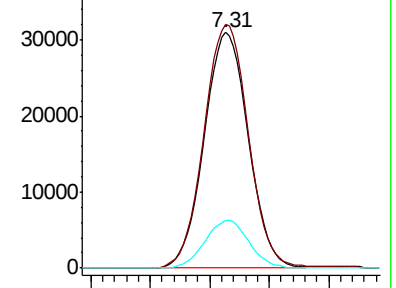
192 20.1 15.8 23.6



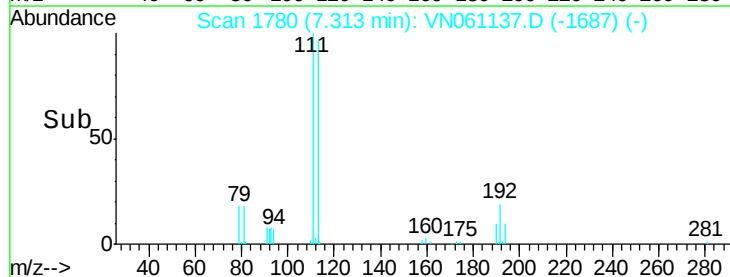
Abundance Ion 112.80 (112.50 to 113.50): V

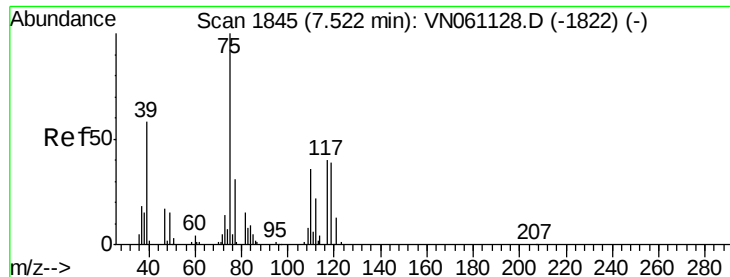
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->

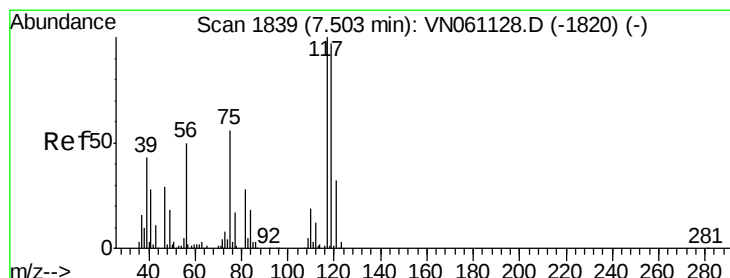
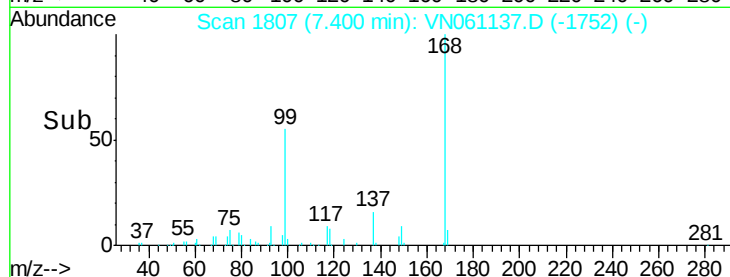
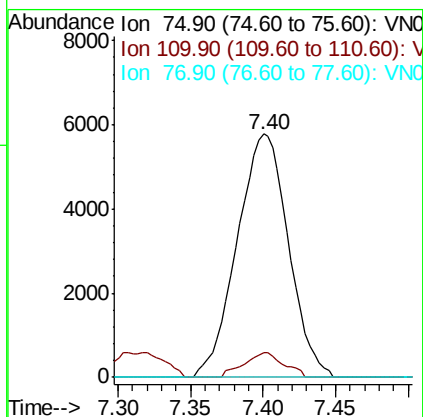
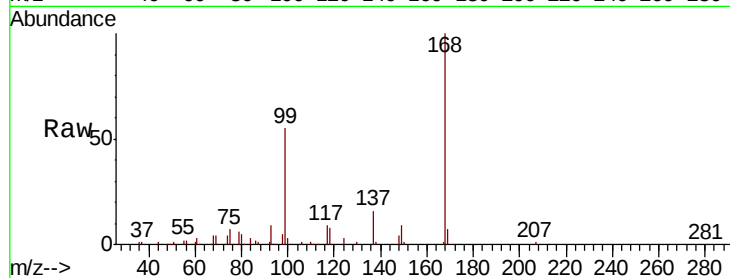




#36
 1,1-Dichloropropene
 Concen: 4.718 ug/l
 RT: 7.40 min Scan# 1807
 Delta R.T. -0.12 min
 Lab File: VN061137.D
 Acq: 22 Apr 2020 19:09

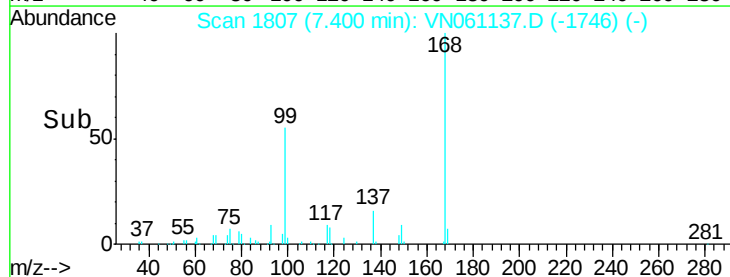
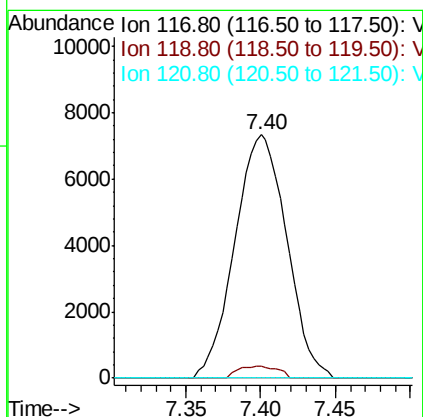
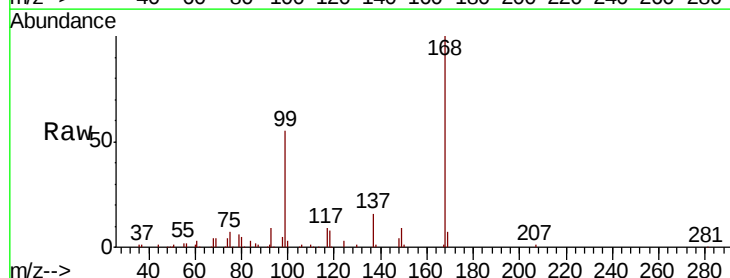
Instrument :
 MSVOA_V
 ClientSampleId :

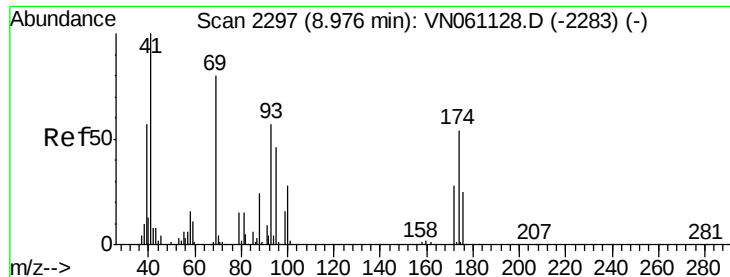
Tot Ion	75	Resp	14192
Ion Ratio	100	Lower	Upper
75	100		
110	7.9	17.7	53.1#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.722 ug/l
 RT: 7.40 min Scan# 1807
 Delta R.T. -0.10 min
 Lab File: VN061137.D
 Acq: 22 Apr 2020 19:09

Tgt Ion	117	Resp	17700
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.7	76.9	115.3#
121	0.0	25.0	37.6#

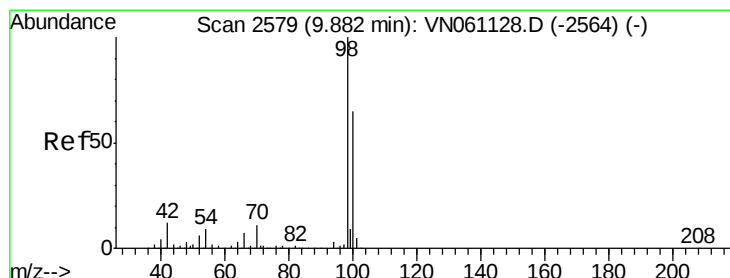
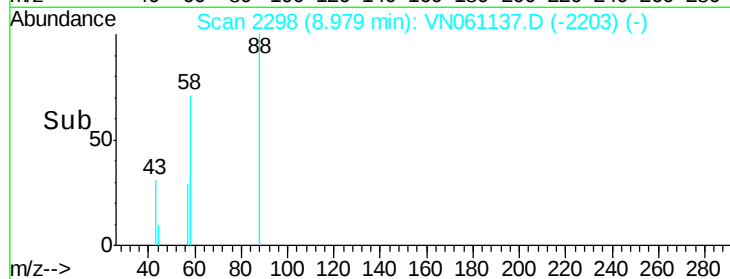
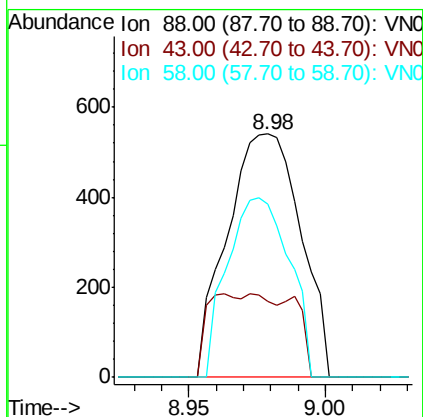
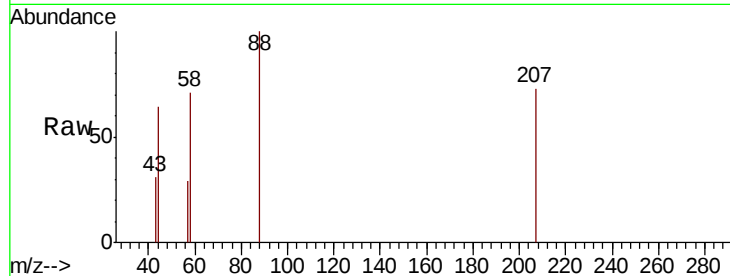




#49
 1,4-Dioxane
 Concen: Below Cal
 RT: 8.98 min Scan# 2298
 Delta R.T. 0.00 min
 Lab File: VN061137.D
 Acq: 22 Apr 2020 19:09

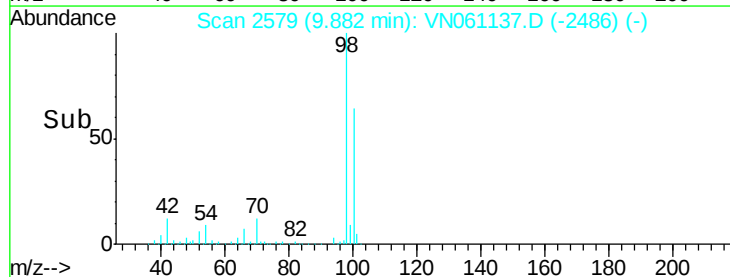
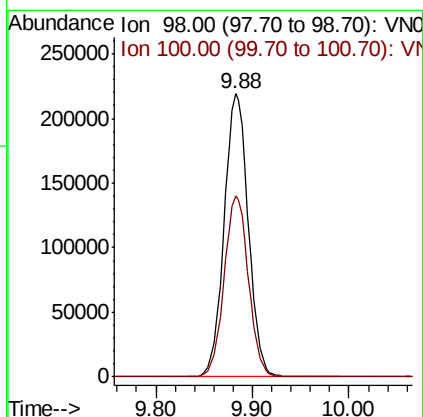
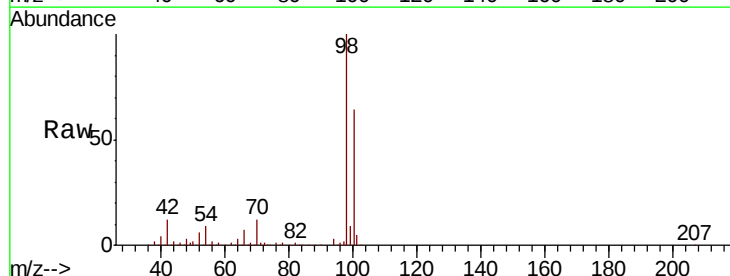
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 MSVOA_V
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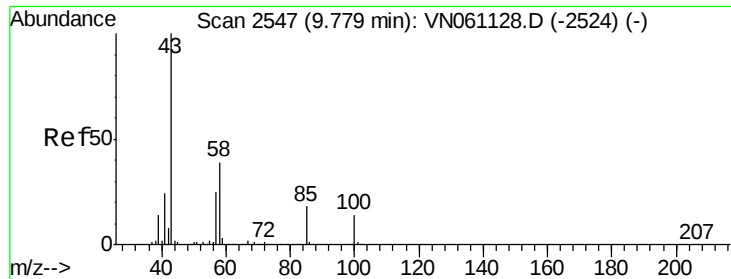
Tot Ion: 88 Resp: 1011
 Ion Ratio Lower Upper
 88 100
 43 16.8 29.0 43.4#
 58 62.5 57.8 86.6



#50
 Toluene-d8
 Concen: 50.345 ug/l
 RT: 9.88 min Scan# 2579
 Delta R.T. 0.00 min
 Lab File: VN061137.D
 Acq: 22 Apr 2020 19:09

Tgt Ion: 98 Resp: 378917
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 0.645 ug/l

RT: 9.88 min Scan# 2579

Delta R.T. 0.10 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

Instrument :

MSVOA_V

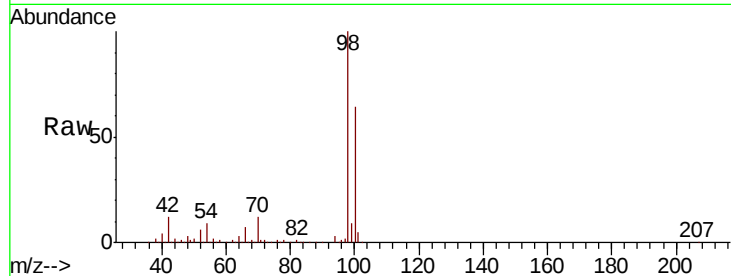
ClientSampleId :

Tot Ion: 43 Resp: 1927

Ion Ratio Lower Upper

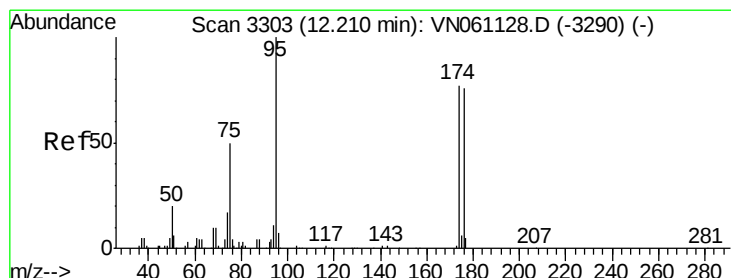
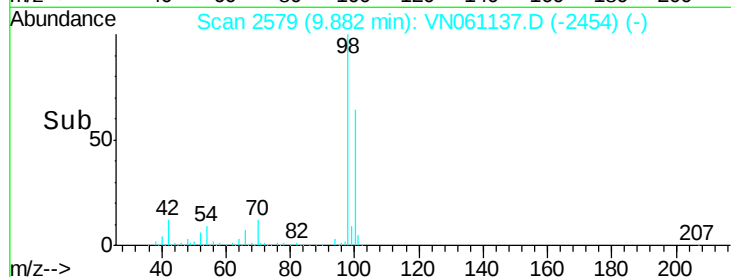
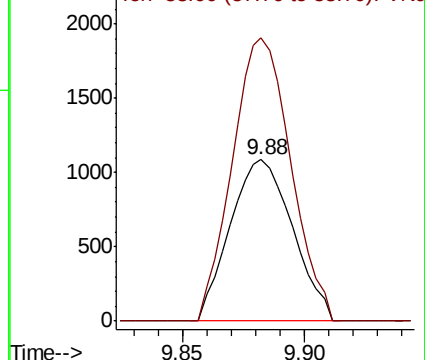
43 100

58 164.0 31.0 46.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 51.653 ug/l

RT: 12.21 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

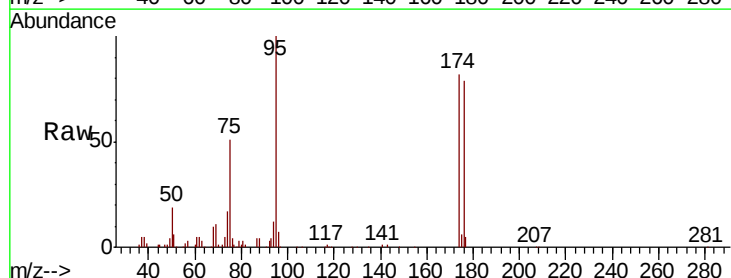
Tgt Ion: 95 Resp: 145599

Ion Ratio Lower Upper

95 100

174 81.1 0.0 157.6

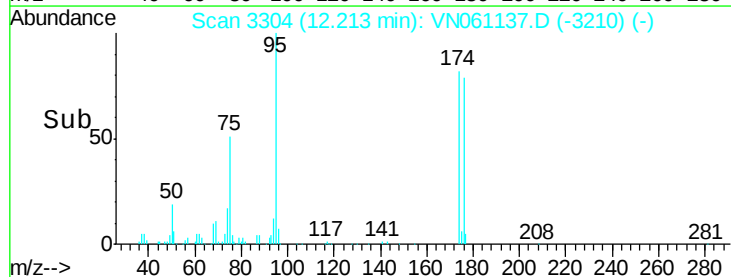
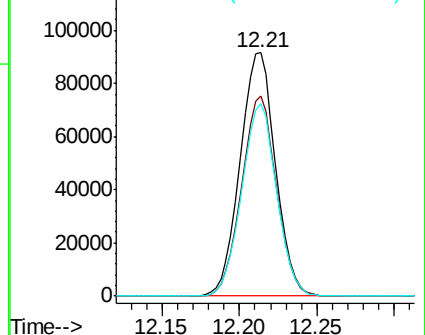
176 78.2 0.0 154.4

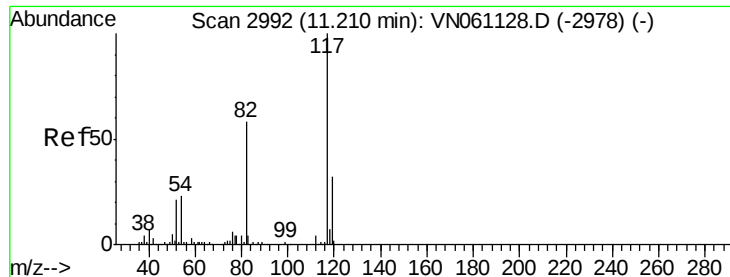


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

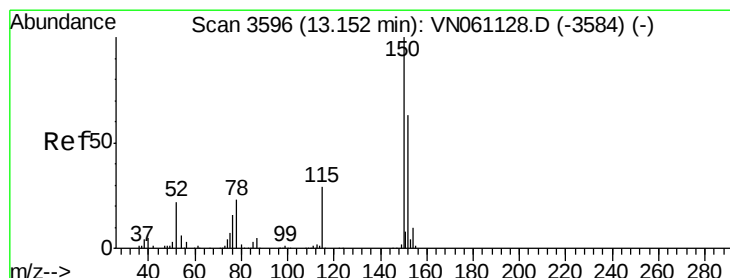
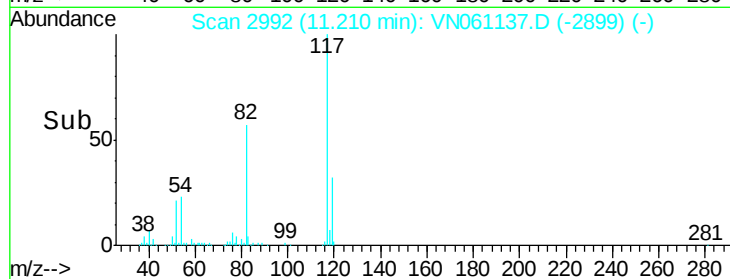
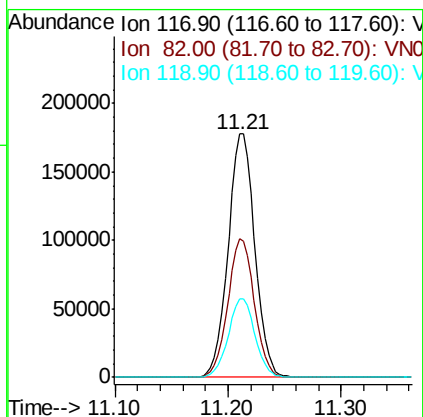
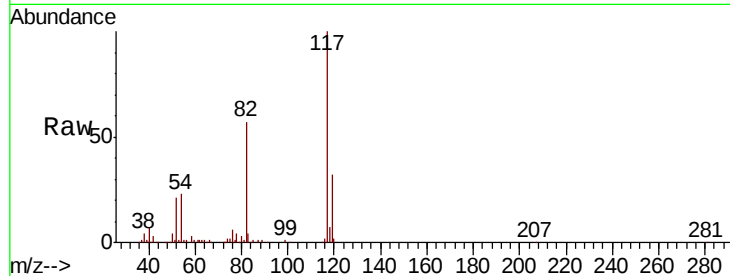




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.21 min Scan# 2992
Delta R.T. 0.00 min
Lab File: VN061137.D
Acq: 22 Apr 2020 19:09

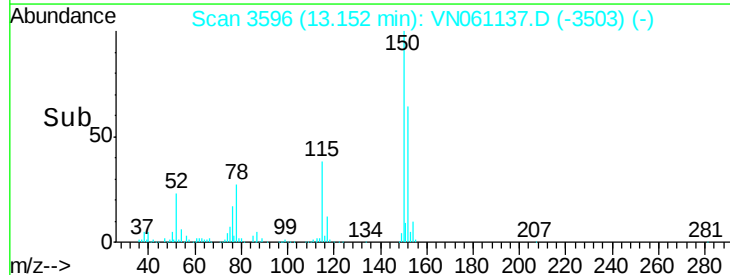
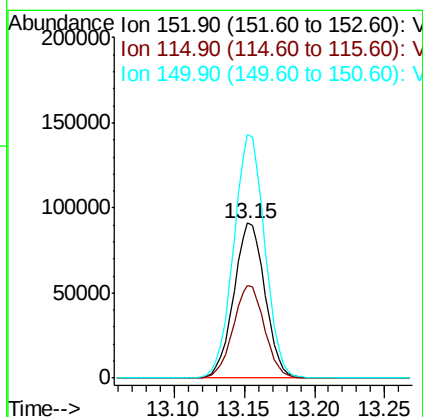
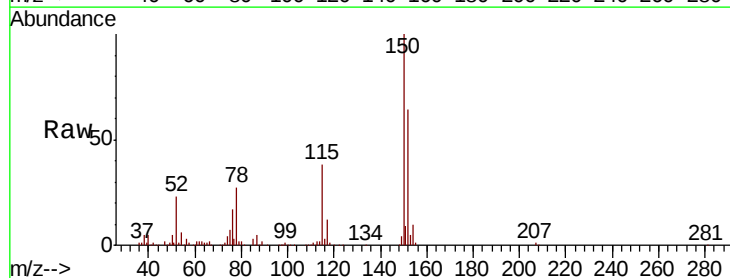
Instrument :
MSVOA_V
ClientSampleId :

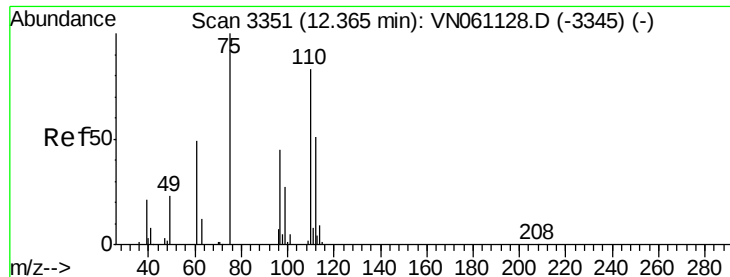
Tot Ion:117 Resp: 291934
Ion Ratio Lower Upper
117 100
82 56.8 46.0 69.0
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.15 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VN061137.D
Acq: 22 Apr 2020 19:09

Tgt Ion:152 Resp: 141431
Ion Ratio Lower Upper
152 100
115 59.8 29.8 89.5
150 156.9 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 22.735 ug/l

RT: 12.21 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

Instrument :

MSVOA_V

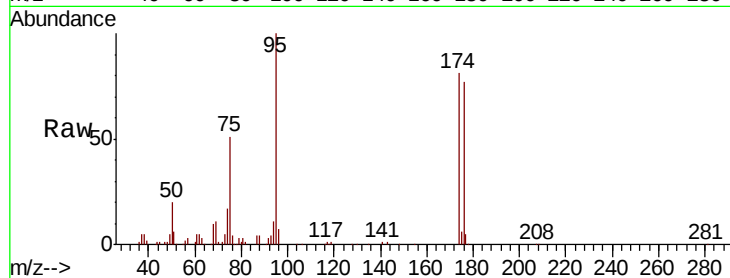
ClientSampleId :

Tot Ion: 75 Resp: 74168

Ion Ratio Lower Upper

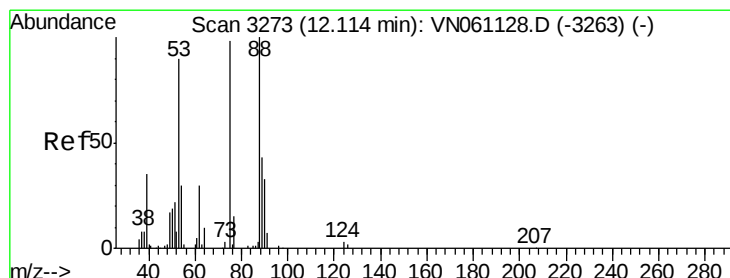
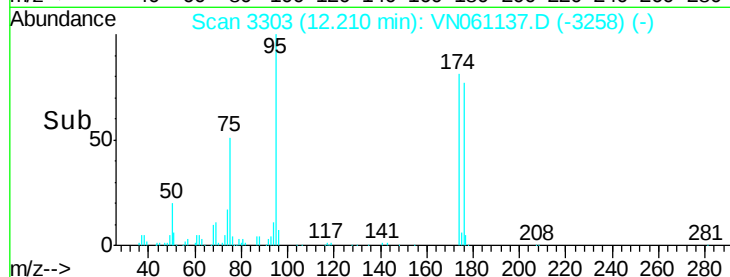
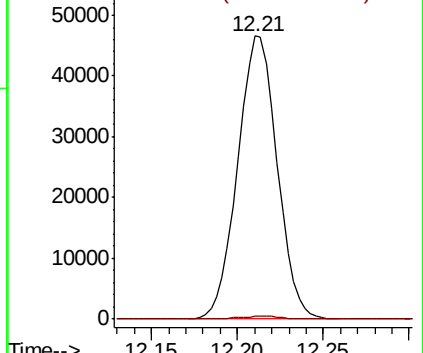
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 59.706 ug/l

RT: 12.21 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

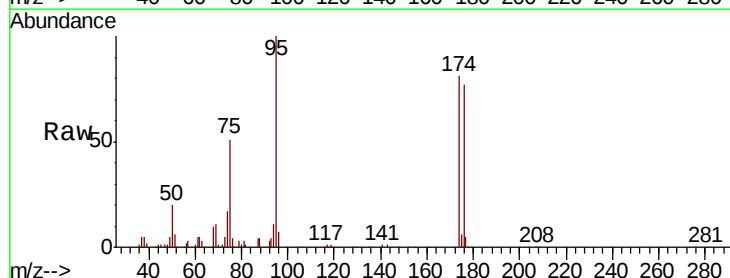
Tgt Ion: 75 Resp: 74168

Ion Ratio Lower Upper

75 100

53 0.0 74.3 111.5#

89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

