

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061119.D
 Acq On : 20 Apr 2020 23:01
 Operator : JC/MD
 Sample : VN0420WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 21 04:05:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	151712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	256342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	238944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103795	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	103732	53.44	ug/l	0.00
Spiked Amount						
			Recovery	=	106.88%	
35) Dibromofluoromethane	7.56	113	77724	51.92	ug/l	0.00
Spiked Amount						
			Recovery	=	103.84%	
50) Toluene-d8	10.08	98	319244	56.43	ug/l	0.00
Spiked Amount						
			Recovery	=	112.86%	
62) 4-Bromofluorobenzene	12.40	95	115279	52.00	ug/l	0.00
Spiked Amount						
			Recovery	=	104.00%	

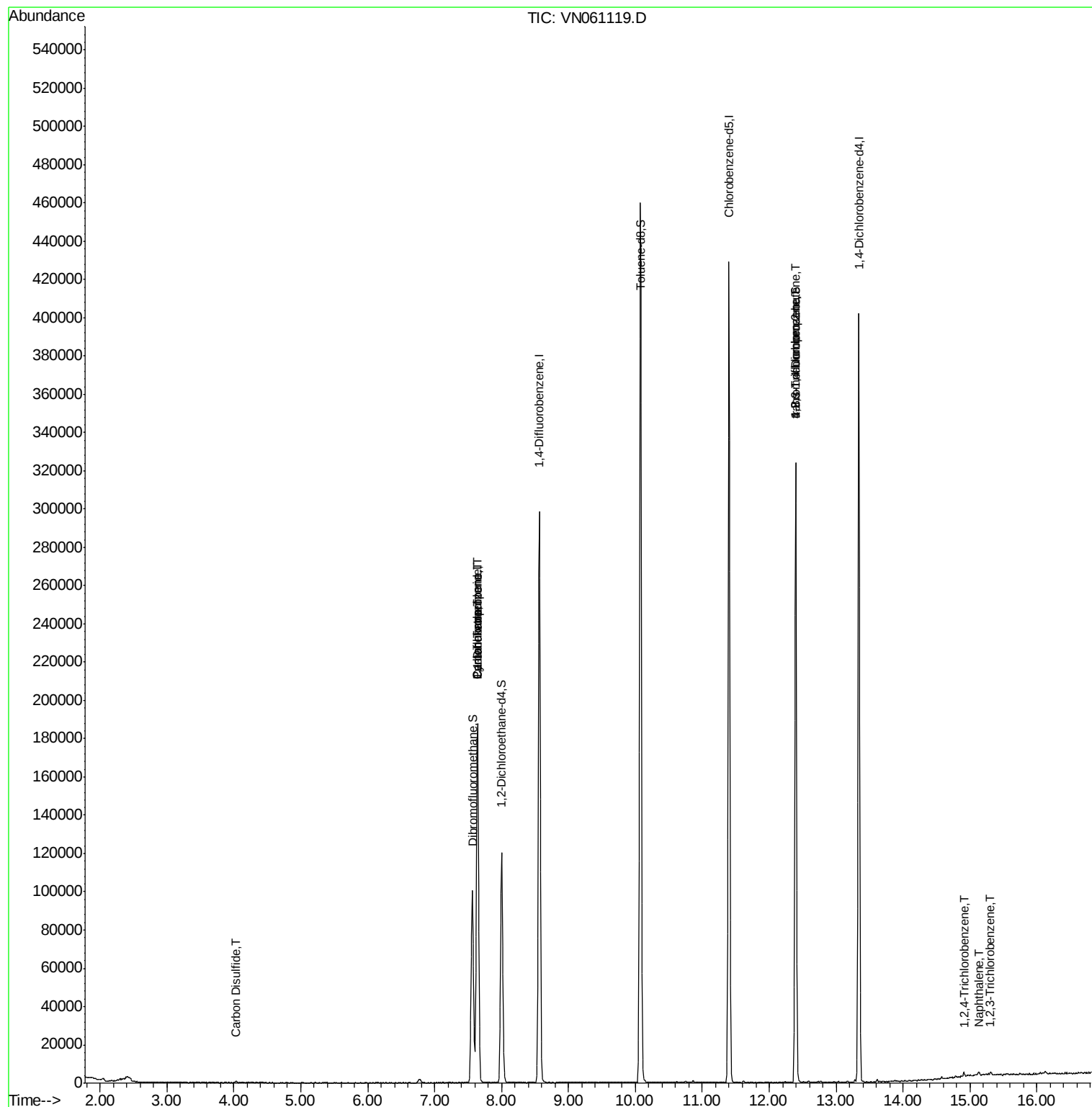
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	4.02	76	1232	0.237	ug/l #	74
31) Cyclohexane	7.64	56	3348	0.926	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12177	4.603	ug/l #	48
38) Carbon Tetrachloride	7.64	117	14820	6.731	ug/l #	15
76) 1,2,3-Trichloropropane	12.40	75	59372	26.005	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	59372	64.144	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	689	0.352	ug/l	90
95) Naphthalene	15.13	128	2592	0.455	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.31	180	776	0.412	ug/l #	79

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

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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 21 04:05:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061119.D

Acq: 20 Apr 2020 23:01

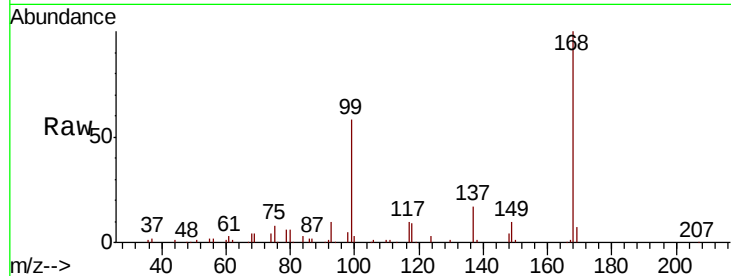
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 151712

Ion Ratio Lower Upper

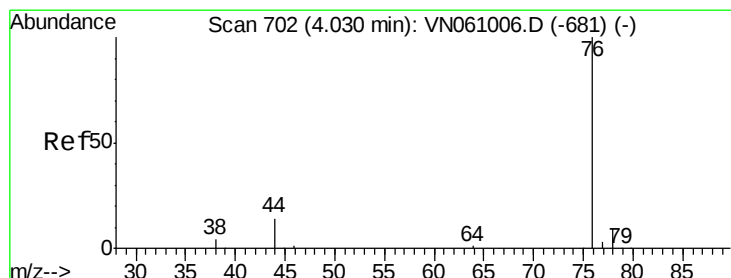
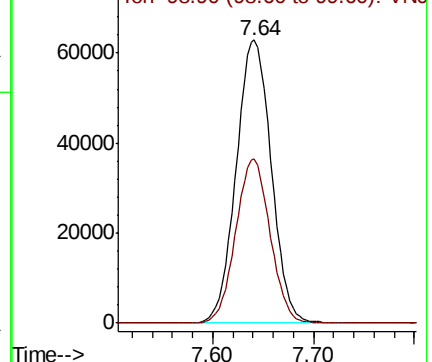
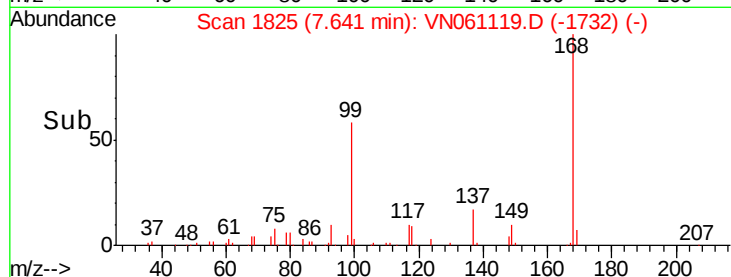
168 100

99 58.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#17

Carbon Disulfide

Concen: 0.237 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.01 min

Lab File: VN061119.D

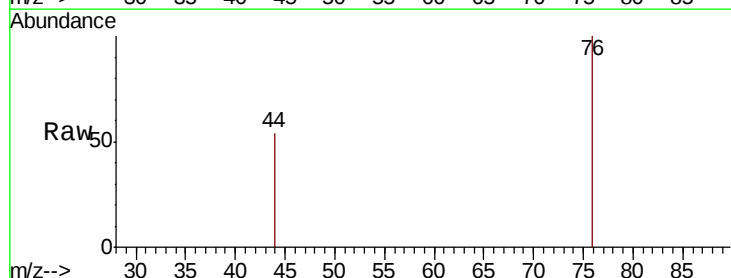
Acq: 20 Apr 2020 23:01

Tgt Ion: 76 Resp: 1232

Ion Ratio Lower Upper

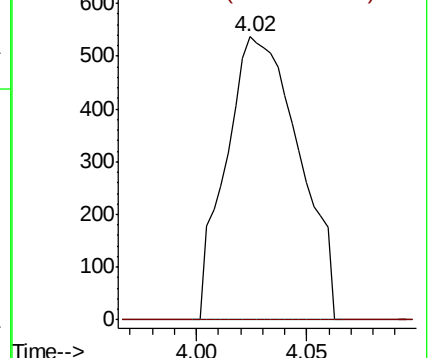
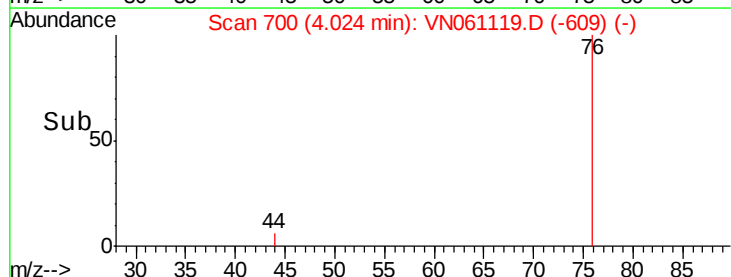
76 100

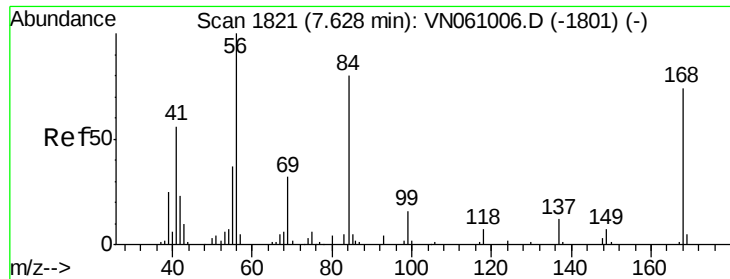
78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN

Ion 77.90 (77.60 to 78.60): VN

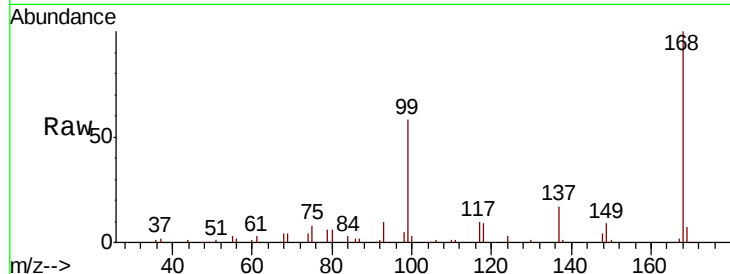




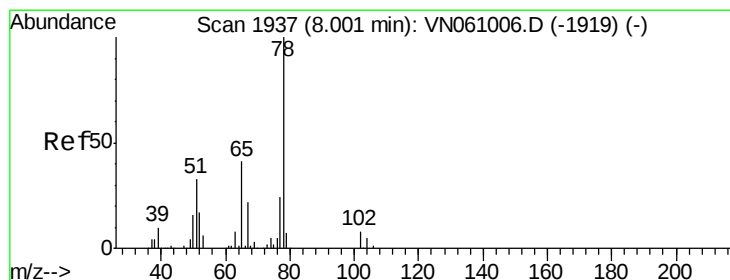
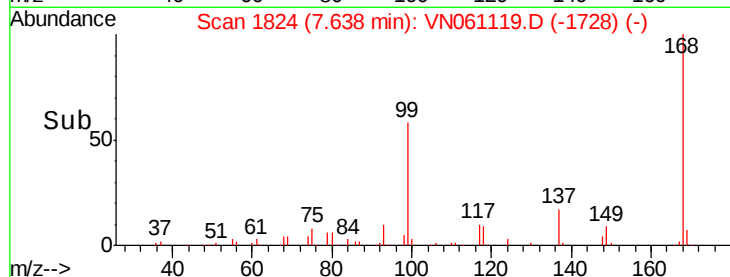
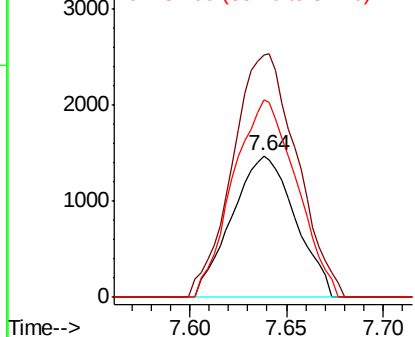
#31
Cyclohexane
Concen: 0.926 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN061119.D
Acq: 20 Apr 2020 23:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 3348
Ion Ratio Lower Upper
56 100
69 170.7 25.6 38.4#
84 139.6 63.4 95.2#

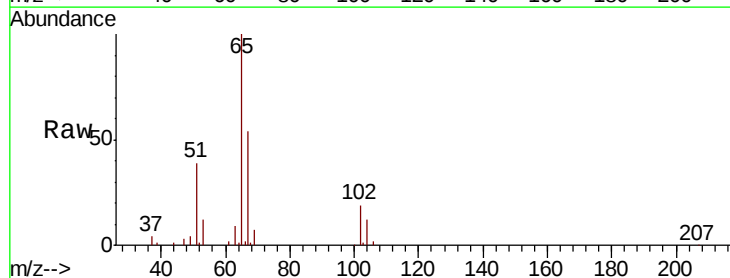


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

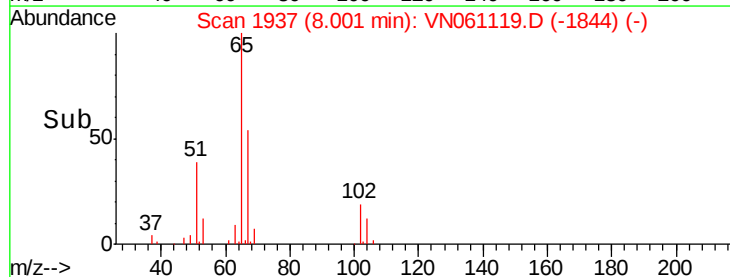
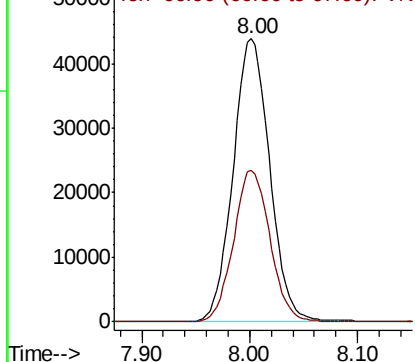


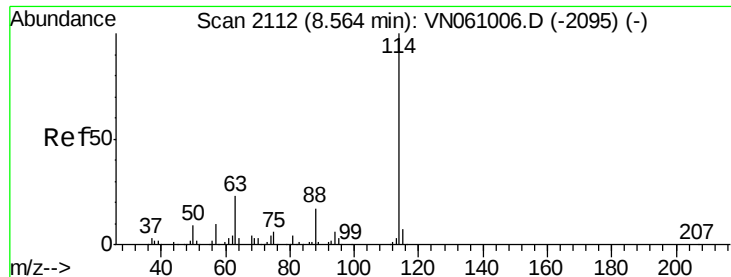
#33
1,2-Dichloroethane-d4
Concen: 53.441 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061119.D
Acq: 20 Apr 2020 23:01

Tgt Ion: 65 Resp: 103732
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.0



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

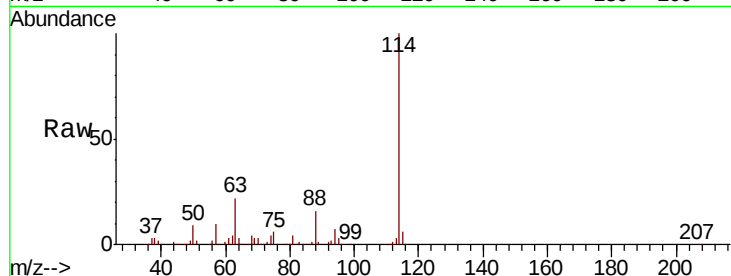




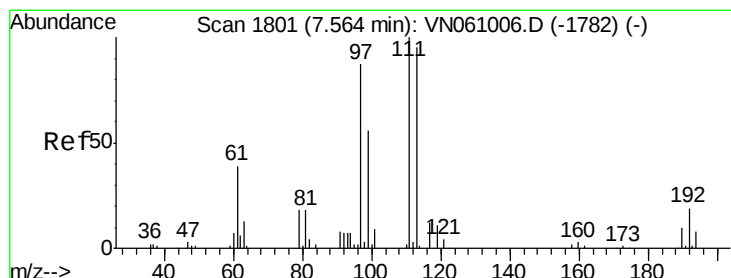
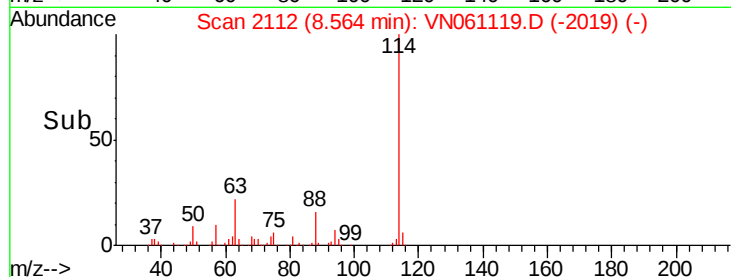
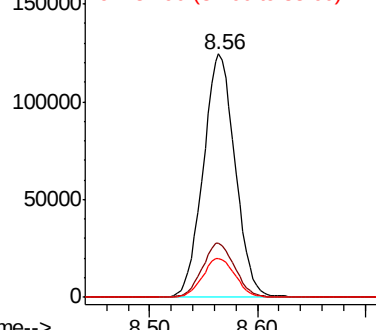
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061119.D
 Acq: 20 Apr 2020 23:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	46.2
88	16.2	0.0	33.4

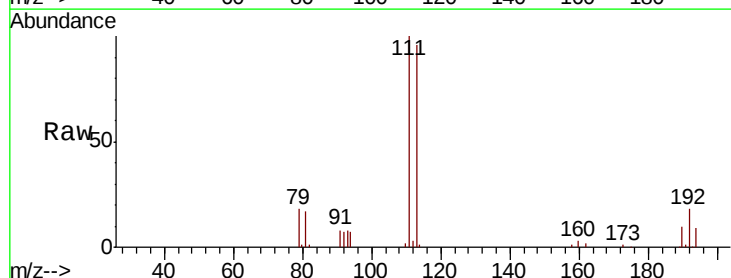


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

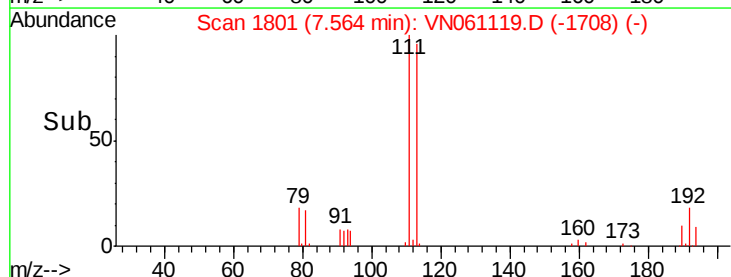
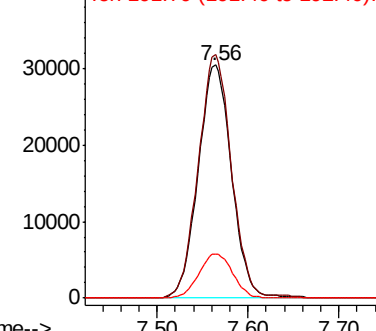


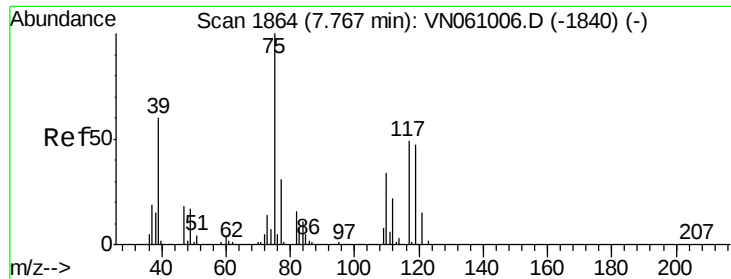
#35
 Dibromofluoromethane
 Concen: 51.920 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061119.D
 Acq: 20 Apr 2020 23:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	19.2	15.5	23.3



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

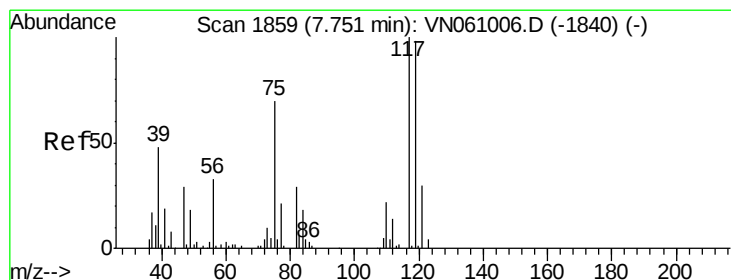
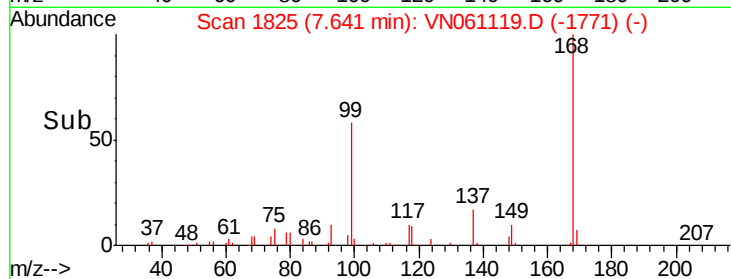
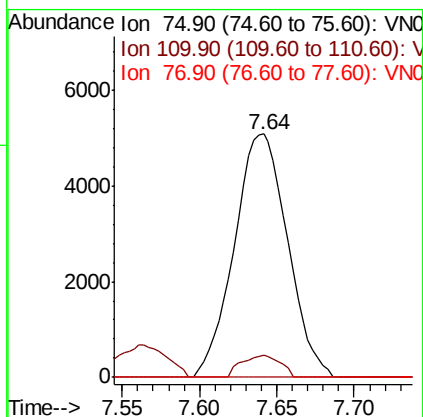
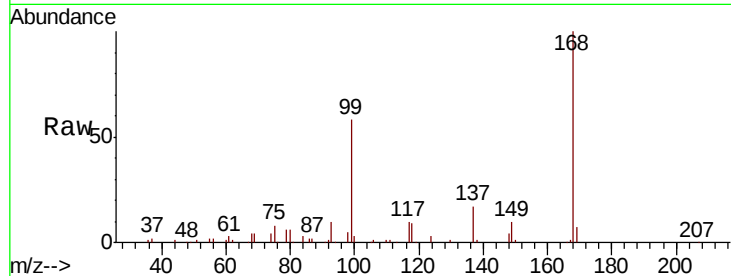




#36
 1,1-Dichloropropene
 Concen: 4.603 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061119.D
 Acq: 20 Apr 2020 23:01

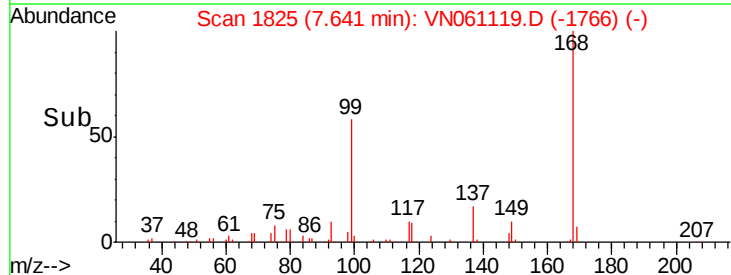
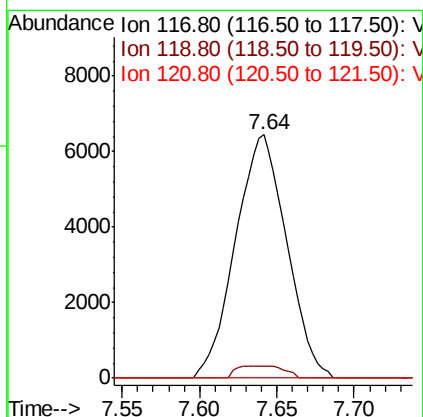
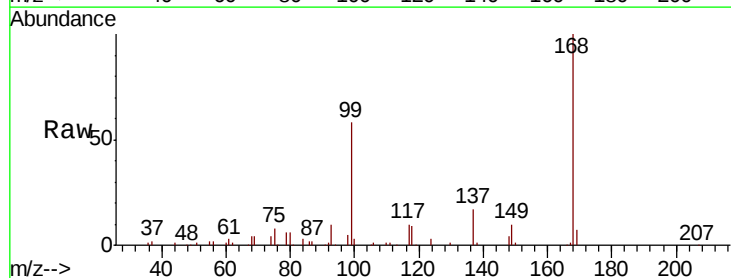
Instrument :
 MSVOA_N
 ClientSampled :

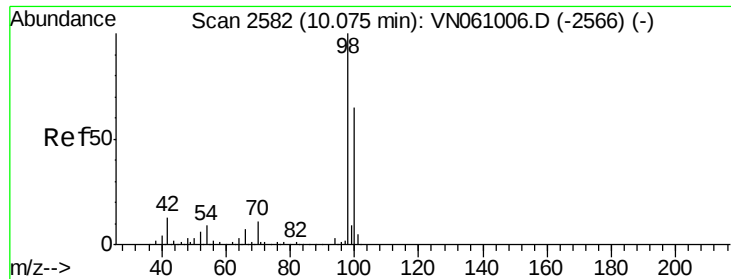
Tot Ion	75	Resp	12177
Ion Ratio	100	Lower	Upper
110	6.6	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.731 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061119.D
 Acq: 20 Apr 2020 23:01

Tgt Ion	117	Resp	14820
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	4.8	78.1	117.1#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 56.435 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061119.D

Acq: 20 Apr 2020 23:01

Instrument :

MSVOA_N

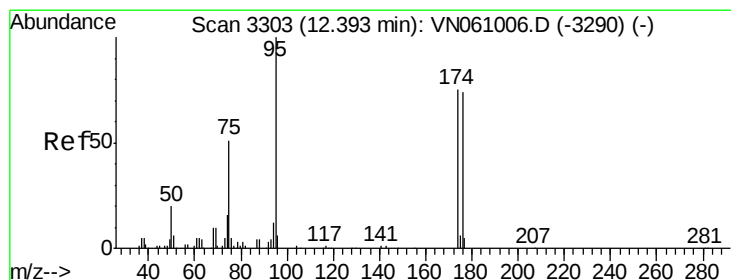
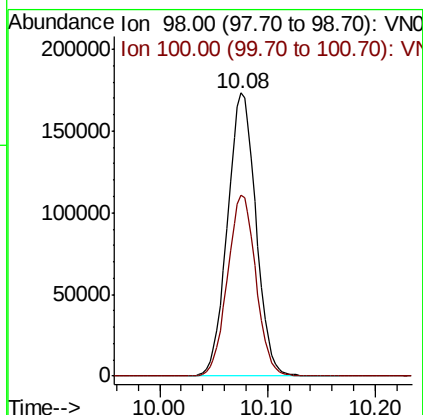
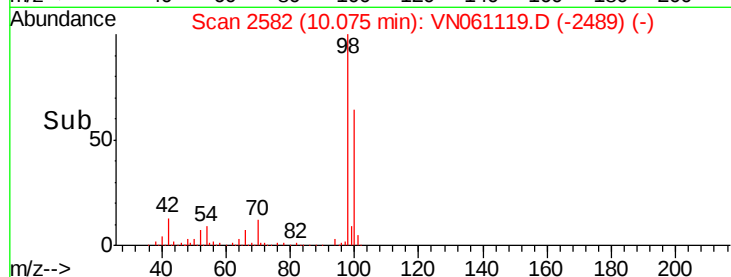
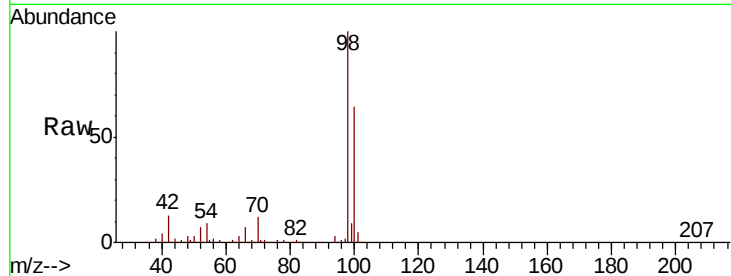
ClientSampleId :

Tot Ion: 98 Resp: 319244

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.995 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061119.D

Acq: 20 Apr 2020 23:01

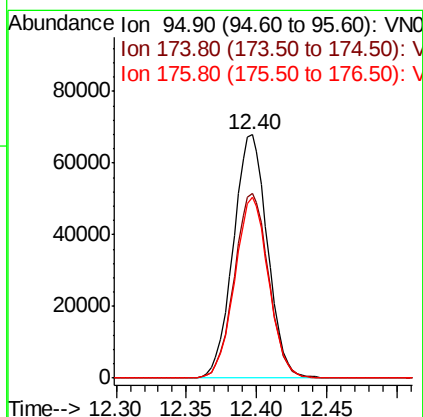
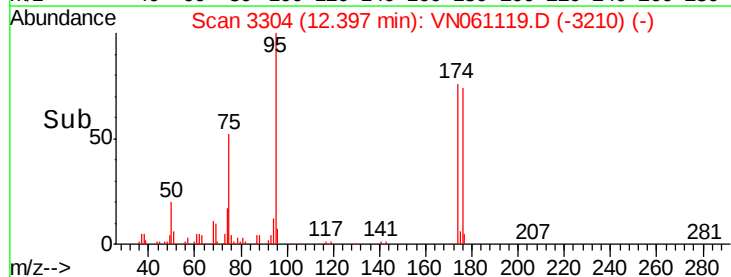
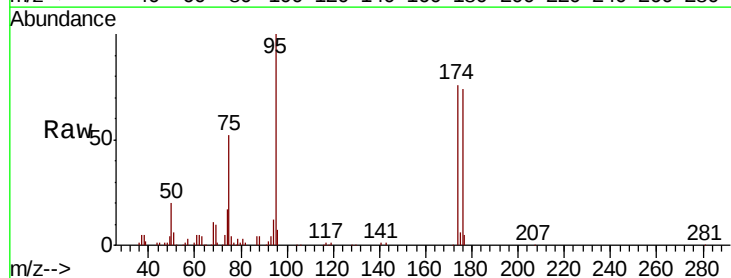
Tgt Ion: 95 Resp: 115279

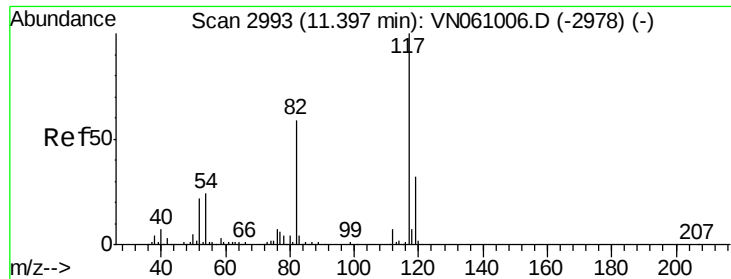
Ion Ratio Lower Upper

95 100

174 76.3 0.0 151.2

176 73.5 0.0 148.2

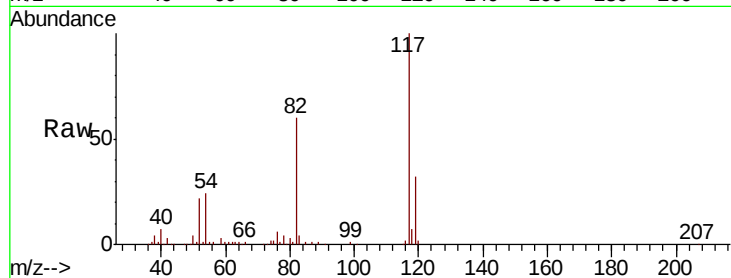




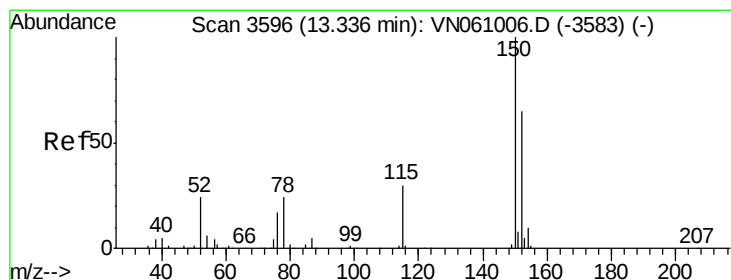
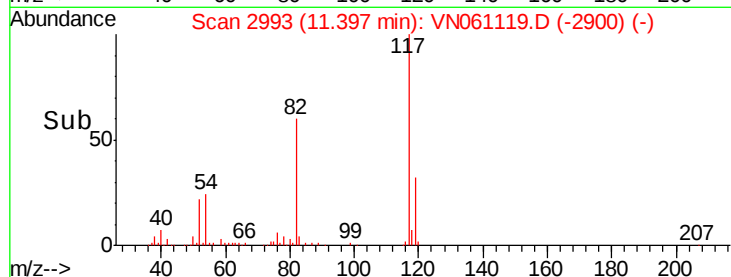
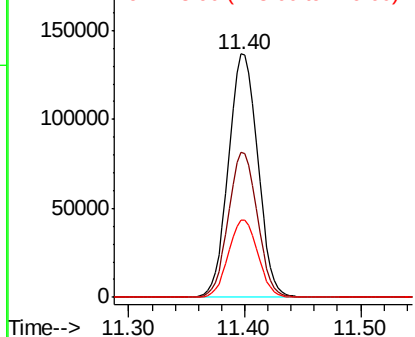
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061119.D
Acq: 20 Apr 2020 23:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 238944
Ion Ratio Lower Upper
117 100
82 59.7 47.1 70.7
119 31.6 25.7 38.5

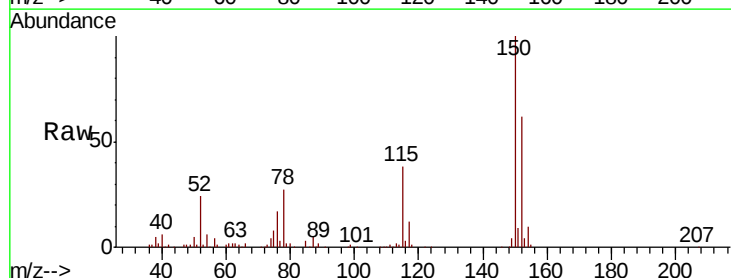


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

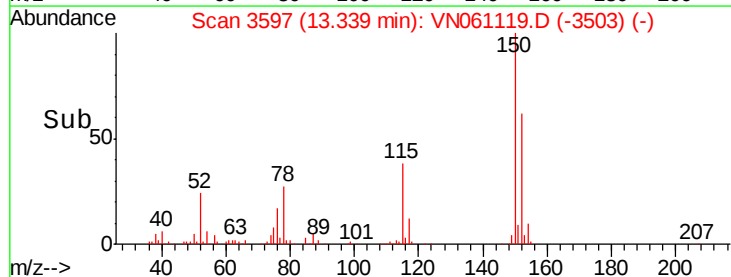
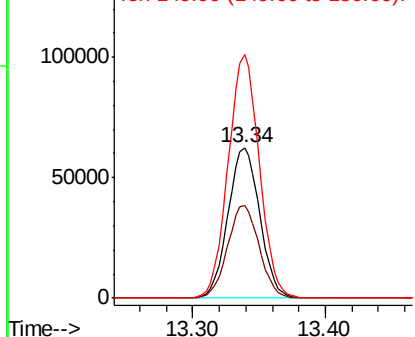


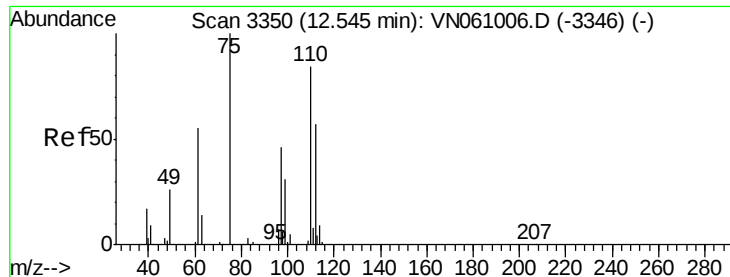
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061119.D
Acq: 20 Apr 2020 23:01

Tgt Ion:152 Resp: 103795
Ion Ratio Lower Upper
152 100
115 61.2 30.8 92.4
150 159.3 0.0 349.0



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: 26.005 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN061119.D

Acq: 20 Apr 2020 23:01

Instrument :

MSVOA_N

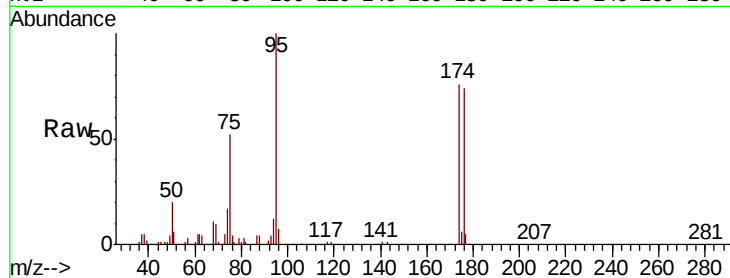
ClientSampleId :

Tot Ion: 75 Resp: 59372

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

40000

30000

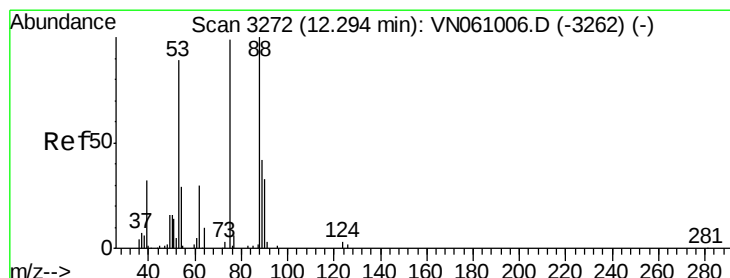
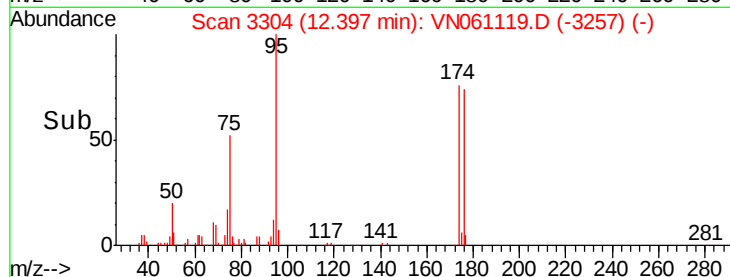
20000

10000

0

Time-->

12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 64.144 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN061119.D

Acq: 20 Apr 2020 23:01

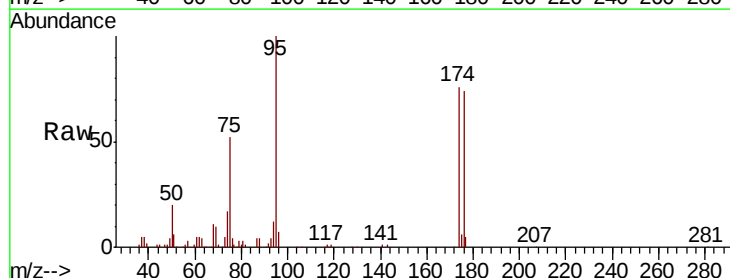
Tgt Ion: 75 Resp: 59372

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#



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

12.40

40000

30000

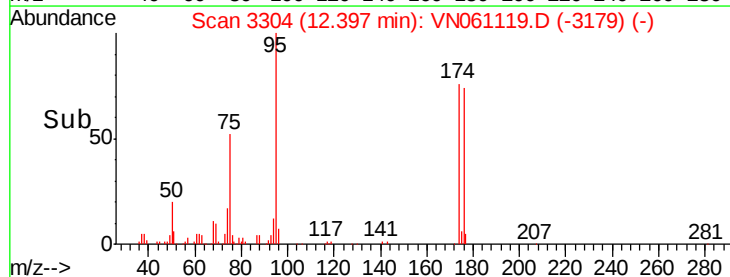
20000

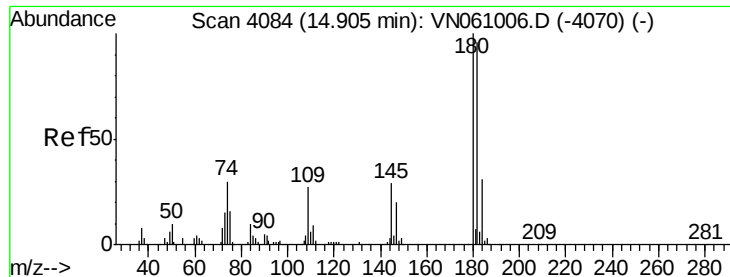
10000

0

Time-->

12.35 12.40 12.45

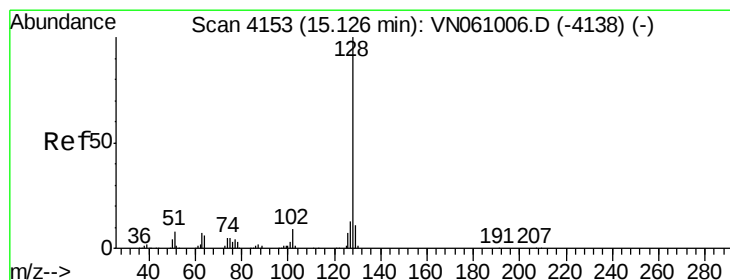
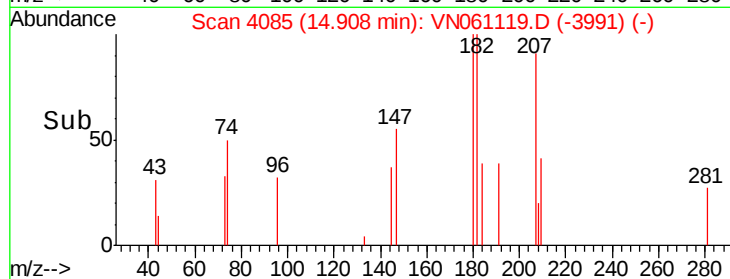
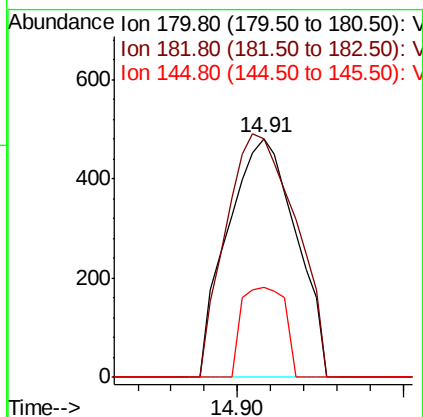
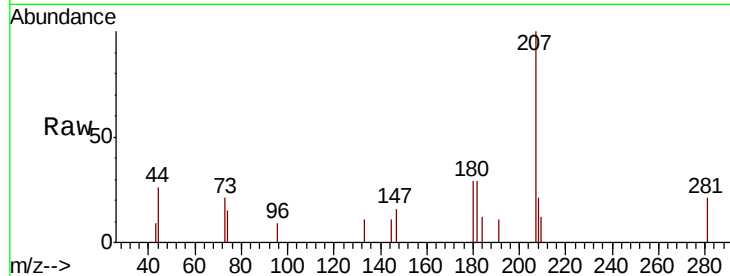




#93
 1,2,4-Trichlorobenzene
 Concen: 0.352 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN061119.D
 Acq: 20 Apr 2020 23:01

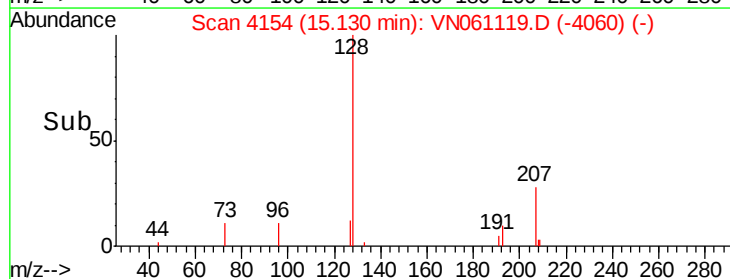
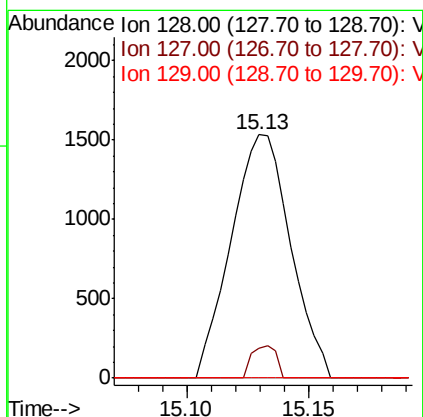
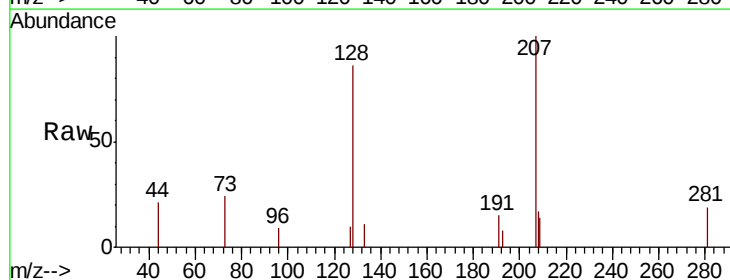
Instrument :
 MSVOA_N
 ClientSampled :

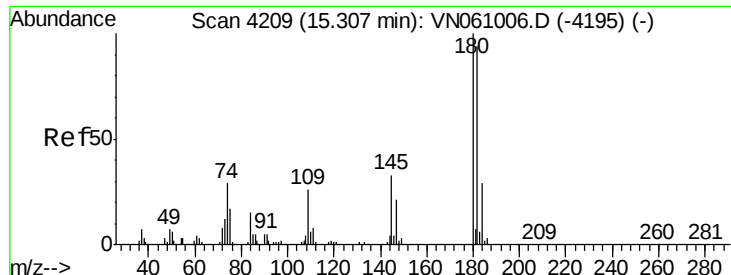
Tot Ion	Ratio	Lower	Upper
180	100		
182	104.6	47.8	143.3
145	23.8	15.3	45.8



#95
 Naphthalene
 Concen: 0.455 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN061119.D
 Acq: 20 Apr 2020 23:01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	5.3	10.2	15.4#
129	0.0	8.6	13.0#

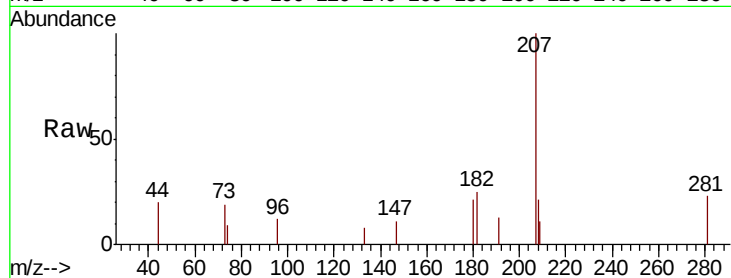




#96
 1,2,3-Trichlorobenzene
 Concen: 0.412 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.01 min
 Lab File: VN061119.D
 Acq: 20 Apr 2020 23:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	82.1	47.6	142.8
145	7.9	16.4	49.2#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

