

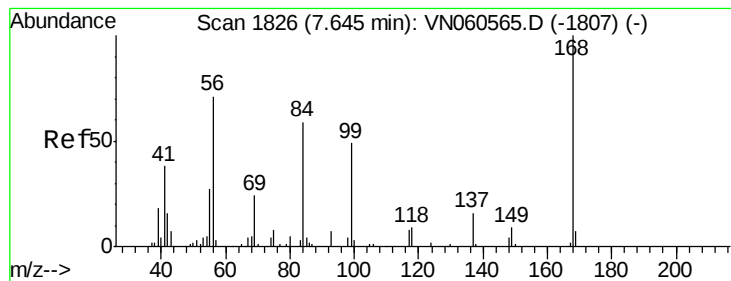
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060774.D
 Acq On : 30 Mar 2020 16:35
 Operator : JC/MD
 Sample : L2059-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 31 08:00:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	320453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	126463	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
35) Dibromofluoromethane	7.56	113	95321	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	10.08	98	393294	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.40	95	147180	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	2536	2.694	ug/l #	81
31) Cyclohexane	7.64	56	4087	0.955	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14980	4.828	ug/l #	50
38) Carbon Tetrachloride	7.64	117	18471	6.642	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	1995	0.634	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	75455	25.265	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	75455	64.889	ug/l #	13

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060774.D

Acq: 30 Mar 2020 16:35

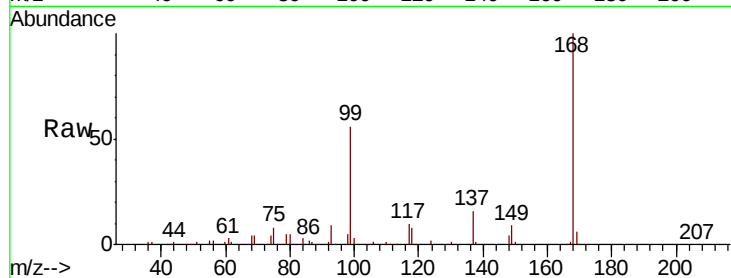
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 193570

Ion Ratio Lower Upper

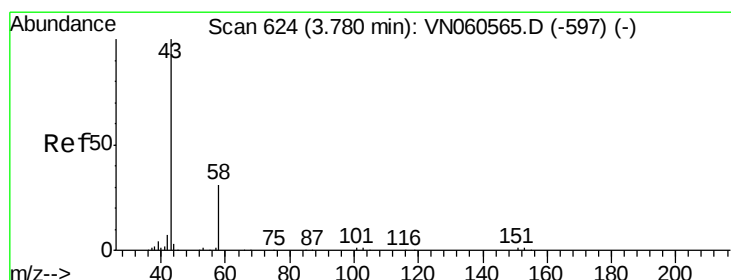
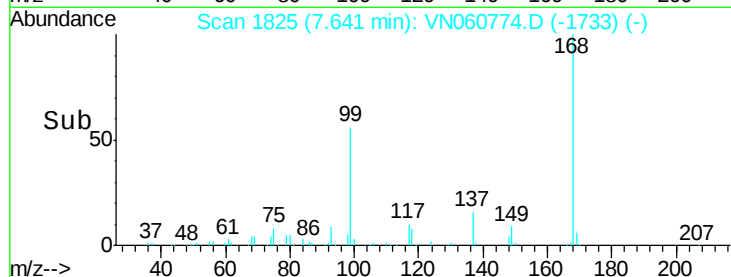
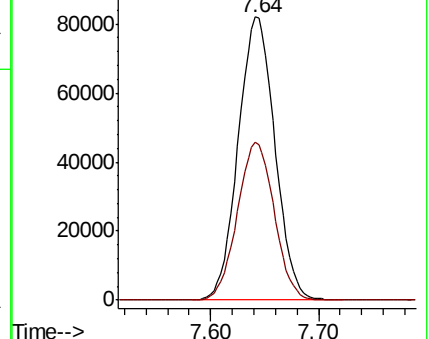
168 100

99 55.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 2.694 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060774.D

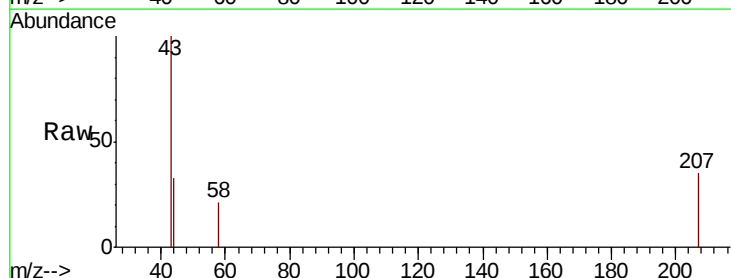
Acq: 30 Mar 2020 16:35

Tgt Ion: 43 Resp: 2536

Ion Ratio Lower Upper

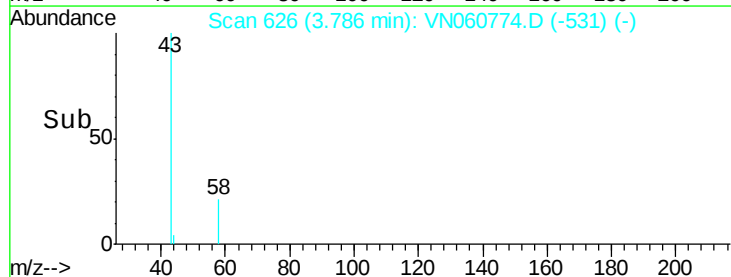
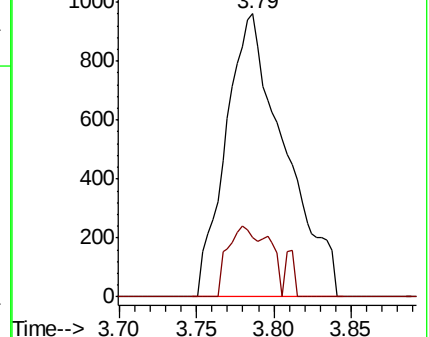
43 100

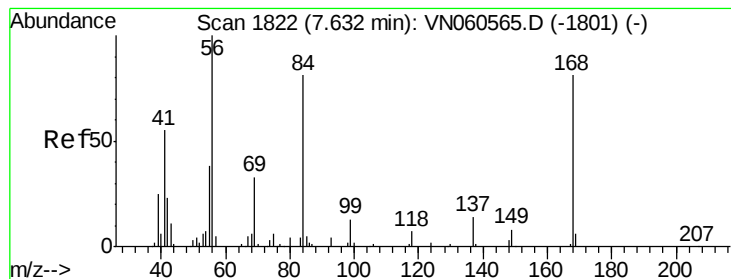
58 20.8 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#31

Cyclohexane

Concen: 0.955 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN060774.D

Acq: 30 Mar 2020 16:35

Instrument :

MSVOA_N

ClientSampled :

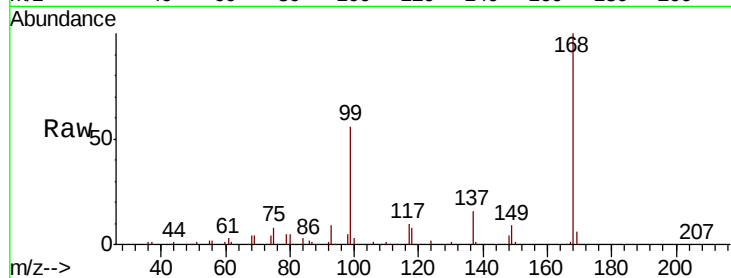
Tot Ion: 56 Resp: 4087

Ion Ratio Lower Upper

56 100

69 163.4 26.6 40.0#

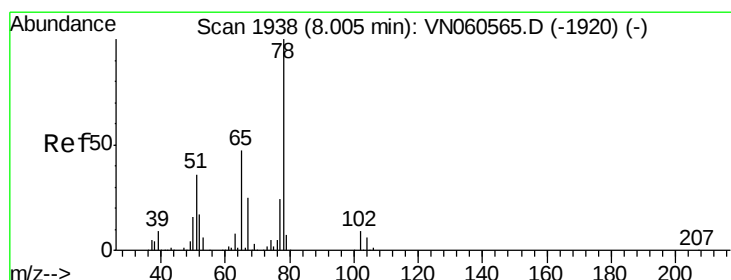
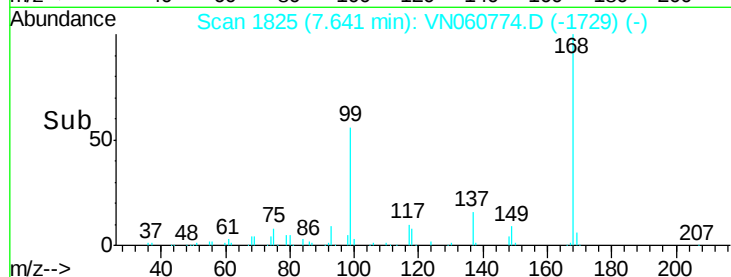
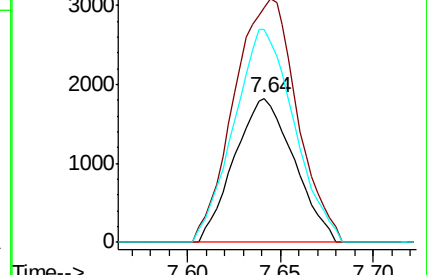
84 147.9 64.3 96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN060565.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN060565.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN060565.D (-1801) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.591 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060774.D

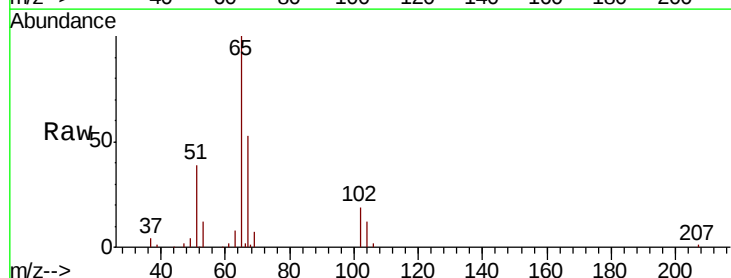
Acq: 30 Mar 2020 16:35

Tgt Ion: 65 Resp: 126463

Ion Ratio Lower Upper

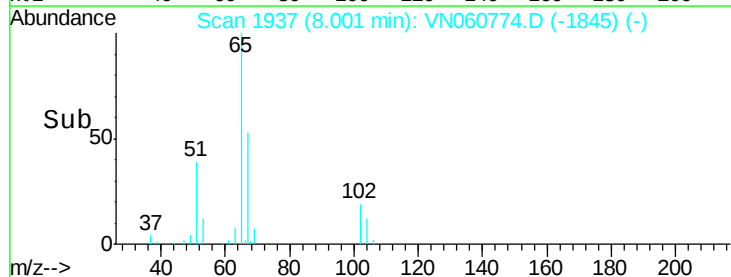
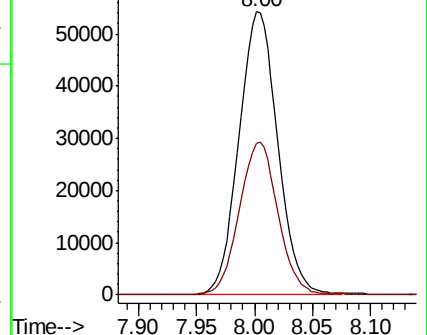
65 100

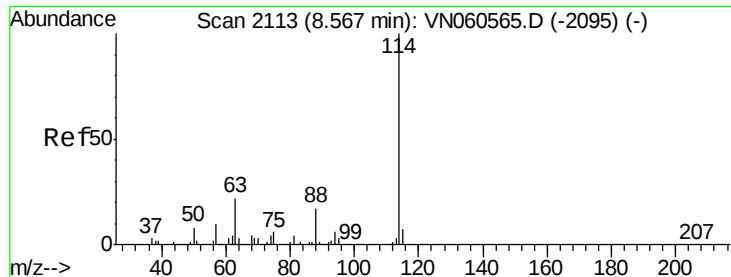
67 53.6 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060565.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060565.D (-1920) (-)

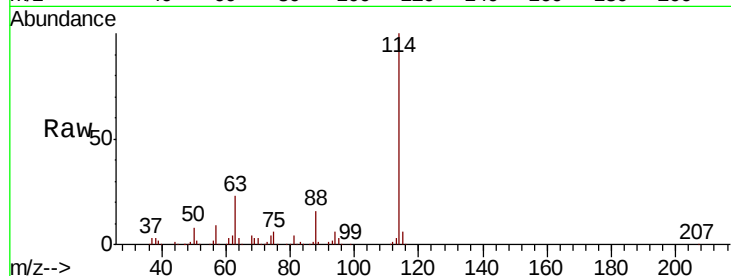




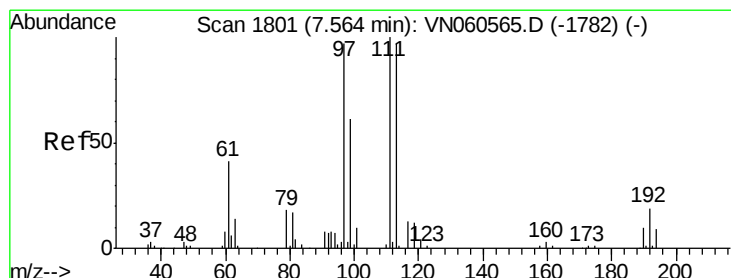
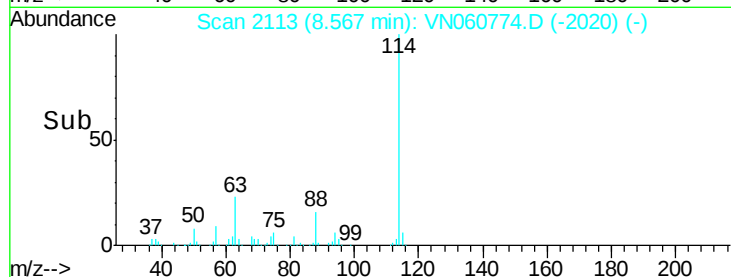
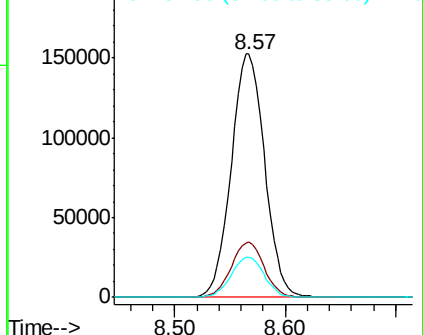
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060774.D
 Acq: 30 Mar 2020 16:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.8
88	16.5	0.0	33.0

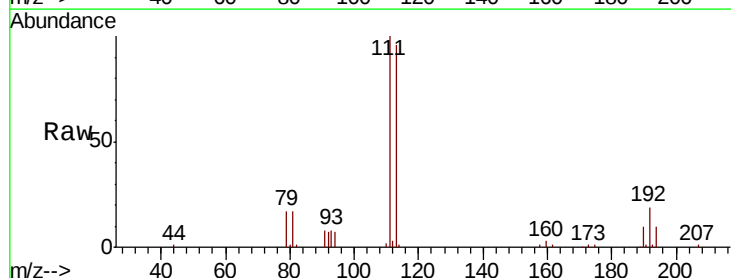


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

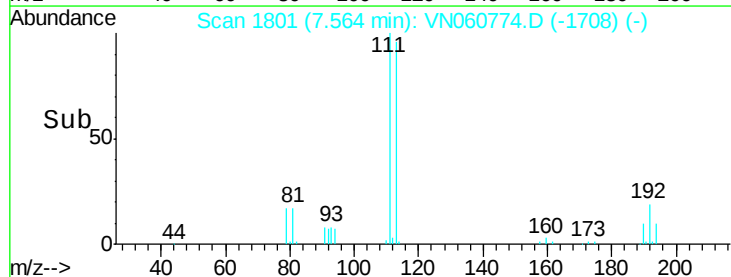
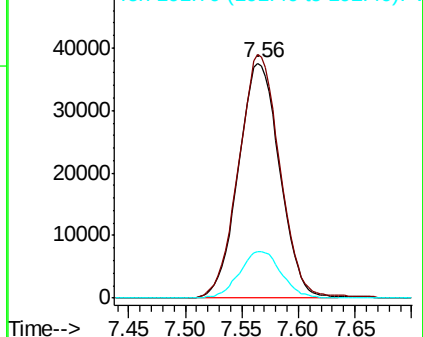


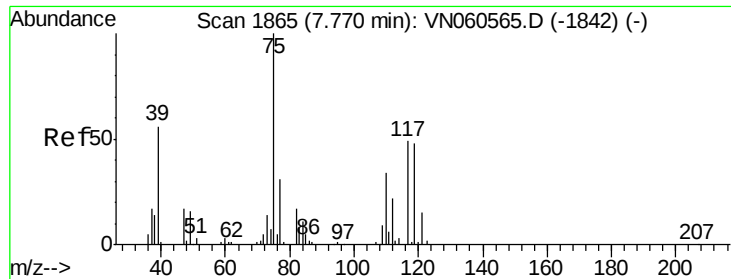
#35
 Dibromofluoromethane
 Concen: 49.193 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060774.D
 Acq: 30 Mar 2020 16:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	20.1	15.8	23.8



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

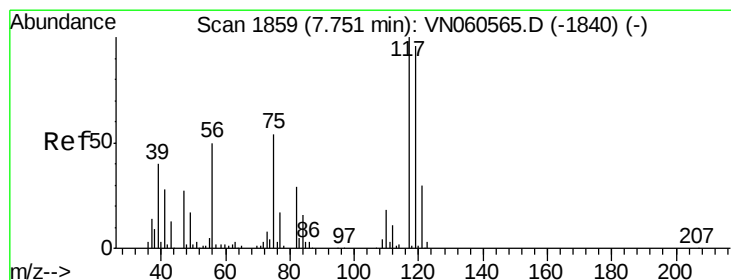
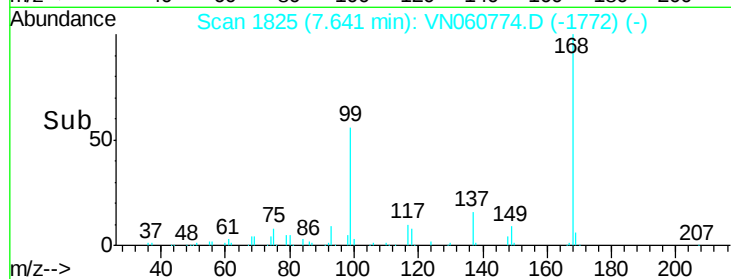
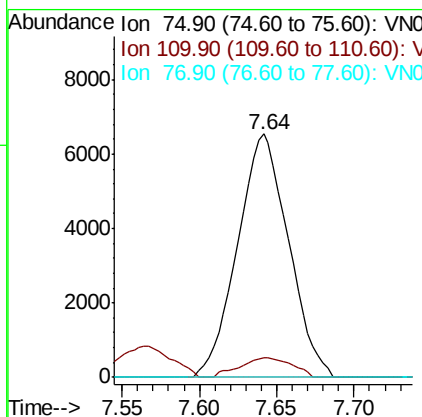
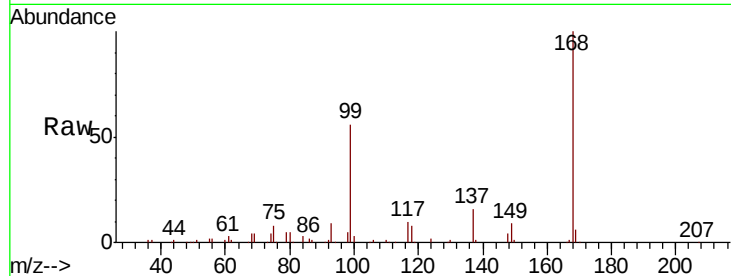




#36
 1,1-Dichloropropene
 Concen: 4.828 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060774.D
 Acq: 30 Mar 2020 16:35

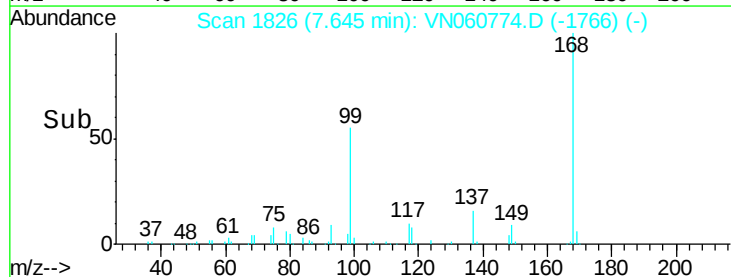
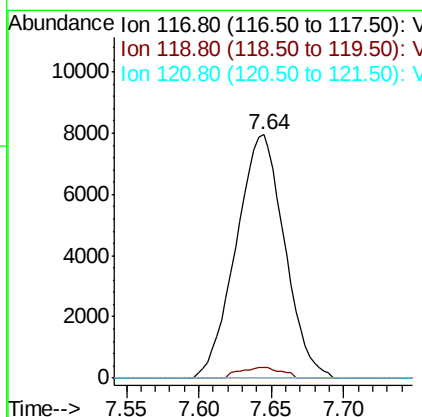
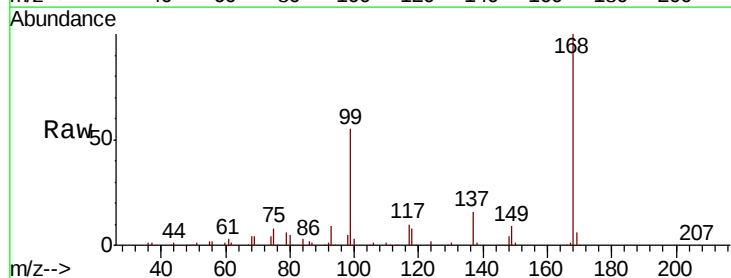
Instrument :
 MSVOA_N
 ClientSampled :

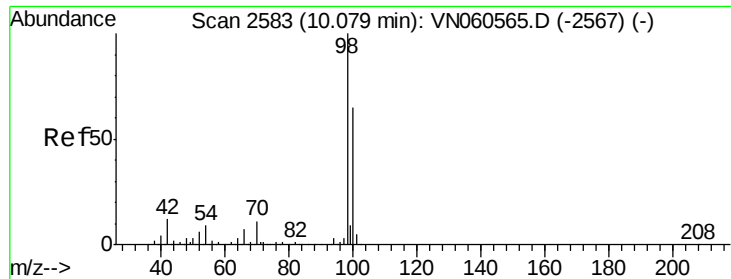
Tot Ion	75	Resp	14980
Ion Ratio	Lower	Upper	
75	100		
110	8.2	16.9	50.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.642 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN060774.D
 Acq: 30 Mar 2020 16:35

Tgt Ion	117	Resp	18471
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	4.5	76.2	114.2#
121	0.0	23.7	35.5#





#50

Toluene-d8

Concen: 49.692 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060774.D

Acq: 30 Mar 2020 16:35

Instrument :

MSVOA_N

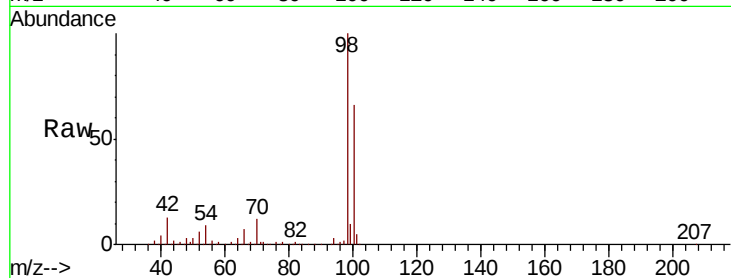
ClientSampleId :

Tot Ion: 98 Resp: 393294

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060774.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060774.D (-2490) (-)

10.08

200000

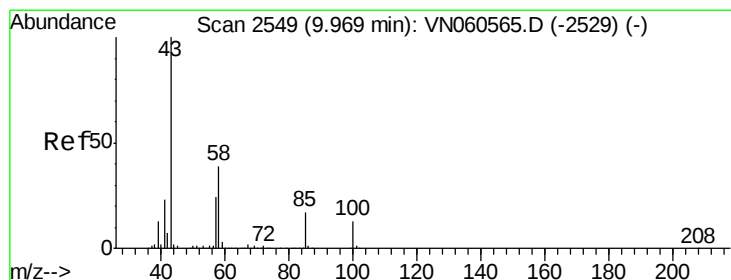
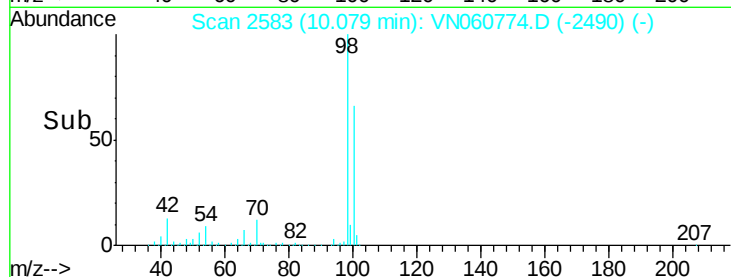
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.634 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN060774.D

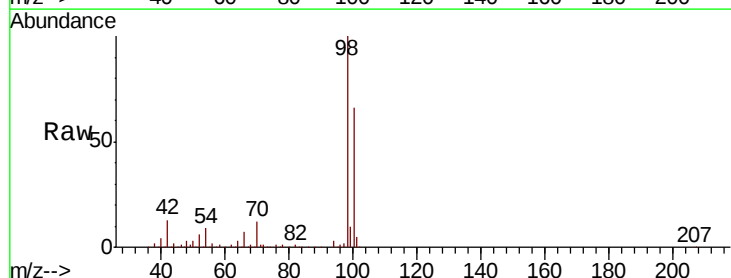
Acq: 30 Mar 2020 16:35

Tgt Ion: 43 Resp: 1995

Ion Ratio Lower Upper

43 100

58 171.4 30.8 46.2#



Abundance Ion 43.00 (42.70 to 43.70): VN060774.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060774.D (-2456) (-)

2000

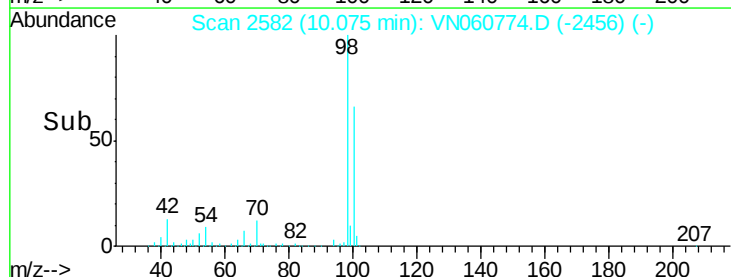
1500

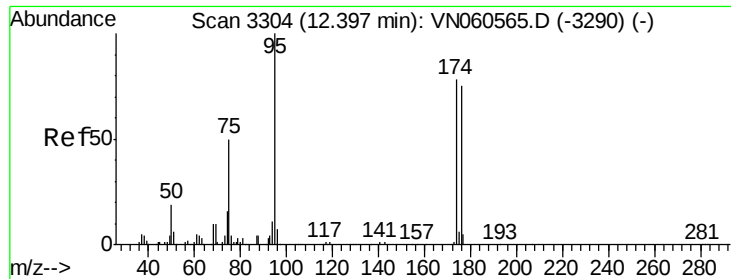
1000

500

0

Time-->

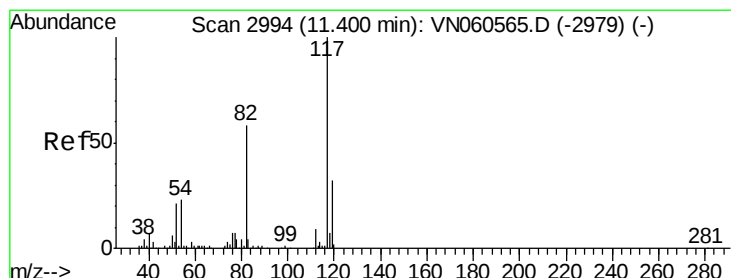
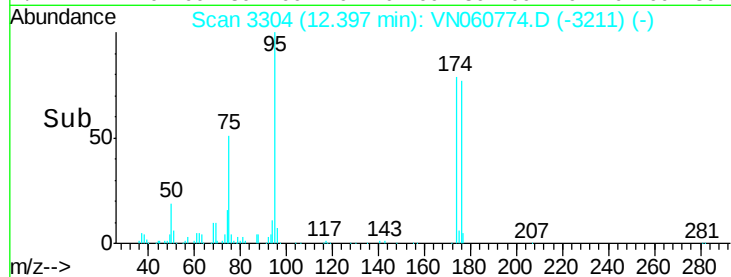
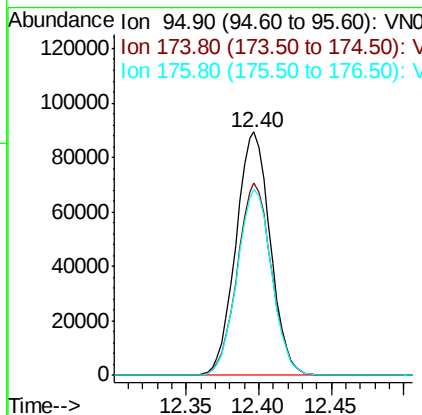
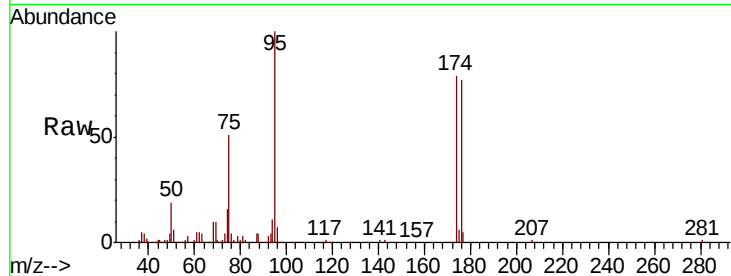




#62
4-Bromofluorobenzene
Concen: 50.741 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060774.D
Acq: 30 Mar 2020 16:35

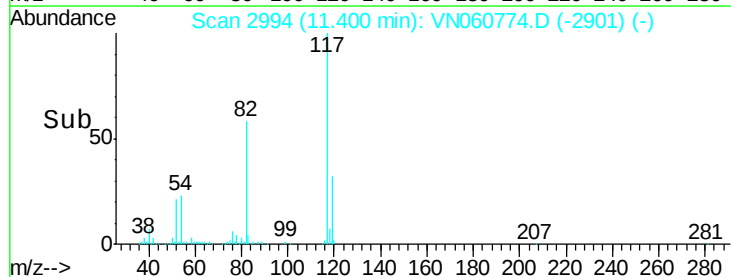
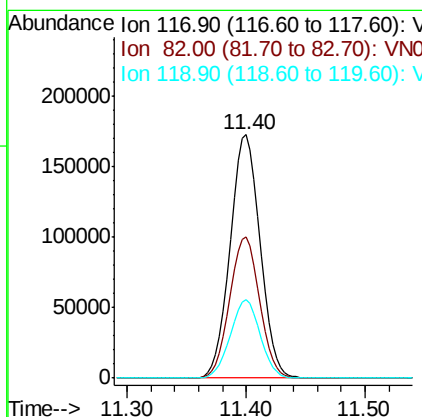
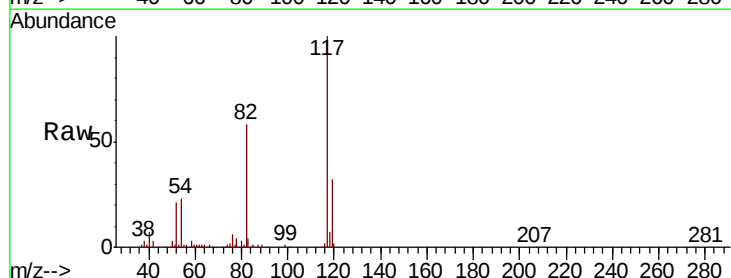
Instrument :
MSVOA_N
ClientSampleId :

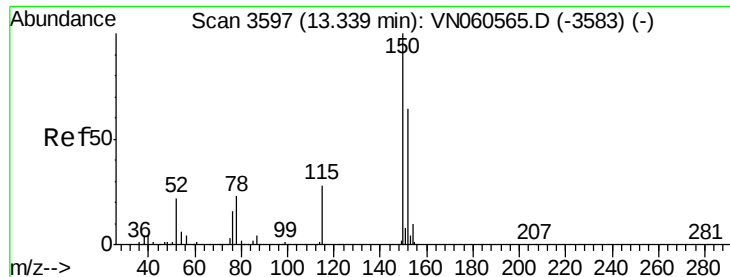
Tot Ion: 95 Resp: 147180
Ion Ratio Lower Upper
95 100
174 78.9 0.0 157.6
176 77.0 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060774.D
Acq: 30 Mar 2020 16:35

Tgt Ion: 117 Resp: 301874
Ion Ratio Lower Upper
117 100
82 57.9 46.7 70.1
119 32.2 25.5 38.3



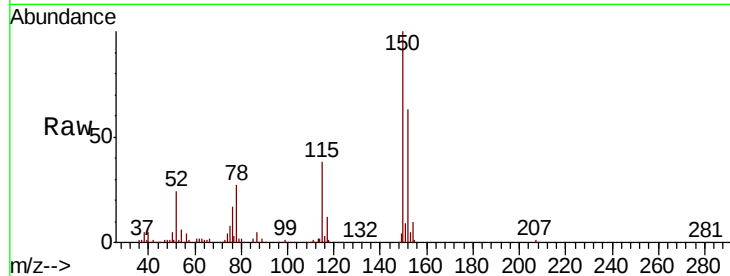


#72

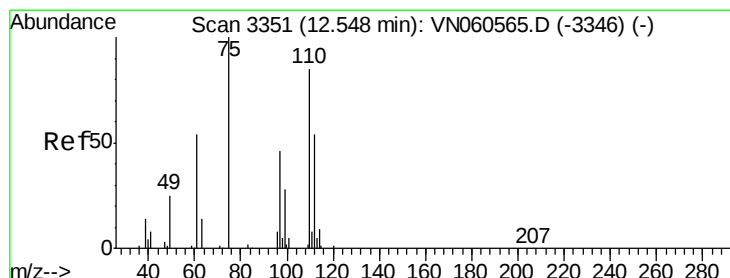
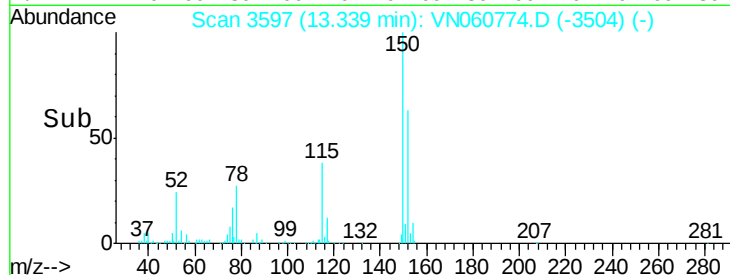
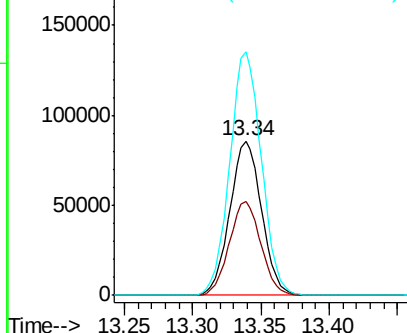
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060774.D
Acq: 30 Mar 2020 16:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.2	90.6
150	157.8	0.0	350.2



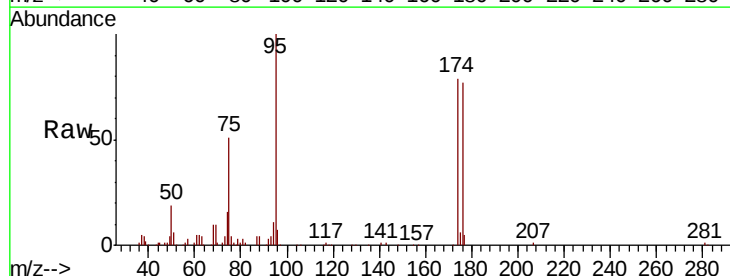
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



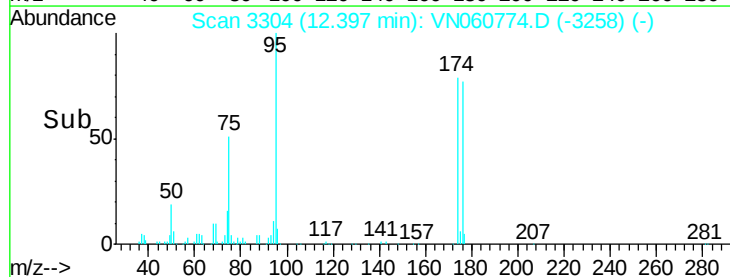
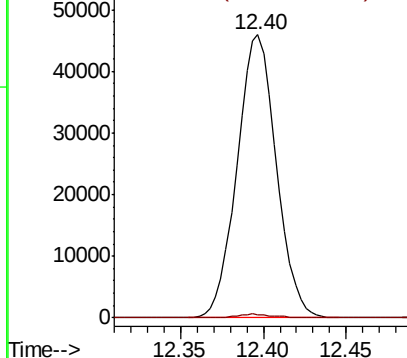
#76

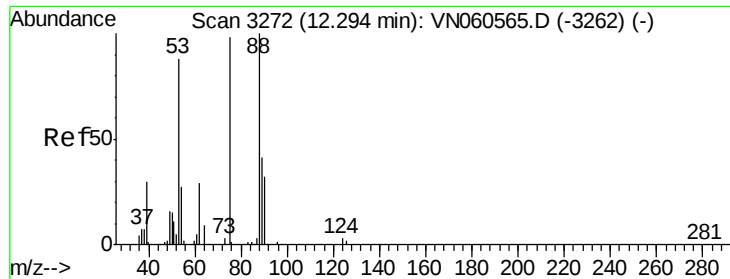
1,2,3-Trichloropropane
Concen: 25.265 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN060774.D
Acq: 30 Mar 2020 16:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	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: 64.889 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060774.D

Acq: 30 Mar 2020 16:35

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 75455

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#

