

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064992.D
 Acq On : 9 Dec 2020 1:27
 Operator : JC/MD
 Sample : L4965-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CRT014

Quant Time: Dec 09 08:15:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	170056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	327821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	344903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	110580	55.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	111.86%	
35) Dibromofluoromethane	7.55	113	101592	51.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	103.58%	
50) Toluene-d8	10.06	98	413949	51.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.38	95	153534	53.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	107.06%	

Target Compounds

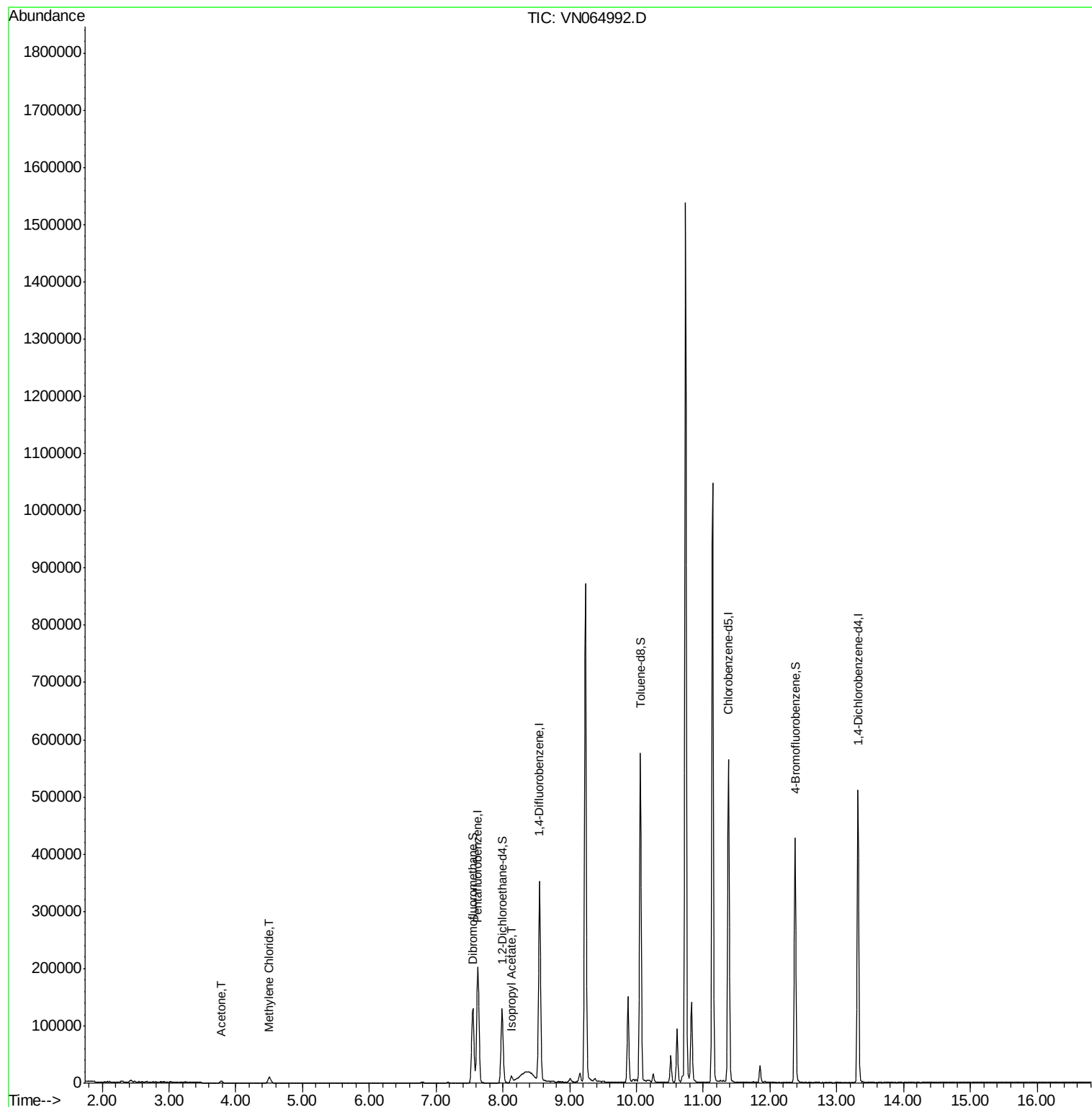
					Qvalue
16) Acetone	3.79	43	6173	9.498 ug/l	94
20) Methylene Chloride	4.51	84	8759	4.301 ug/l	90
43) Isopropyl Acetate	8.13	43	16695	3.545 ug/l #	87

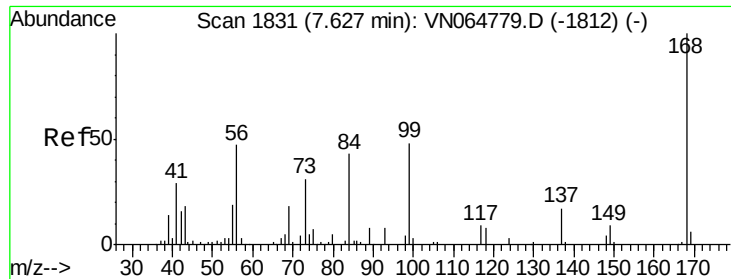
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120820\
Data File : VN064992.D
Acq On : 9 Dec 2020 1:27
Operator : JC/MD
Sample : L4965-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CRT014

Quant Time: Dec 09 08:15:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064992.D

Acq: 9 Dec 2020 1:27

Instrument :

MSVOA_N

ClientSampled :

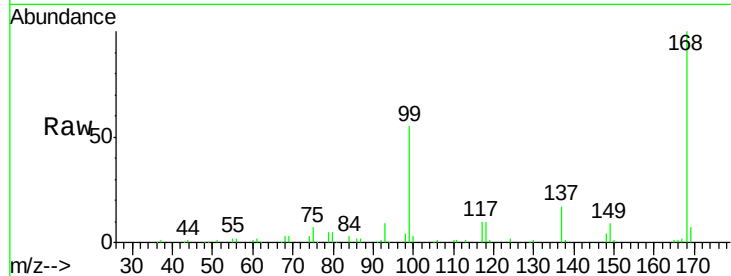
CRT014

Tot Ion:168 Resp: 170056

Ion Ratio Lower Upper

168 100

99 55.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

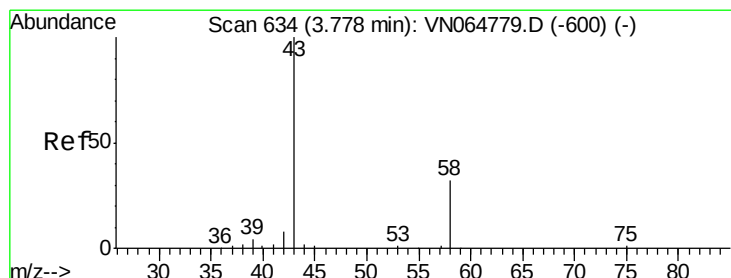
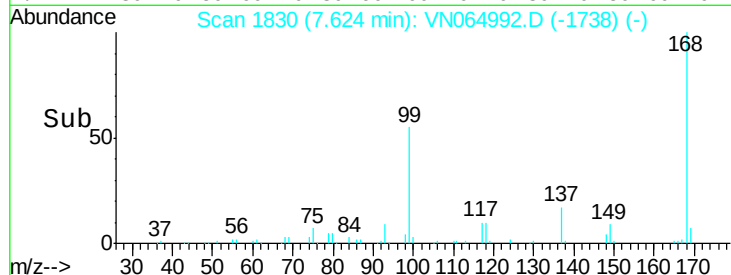
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.498 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064992.D

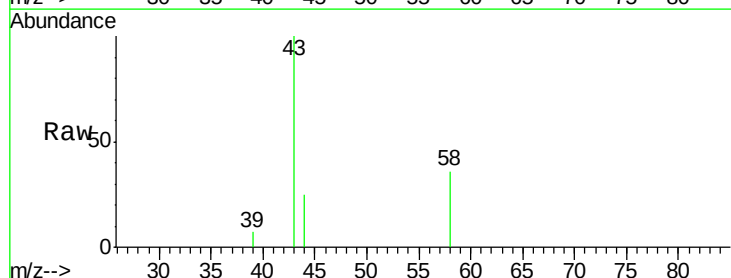
Acq: 9 Dec 2020 1:27

Tgt Ion: 43 Resp: 6173

Ion Ratio Lower Upper

43 100

58 35.7 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

2500

2000

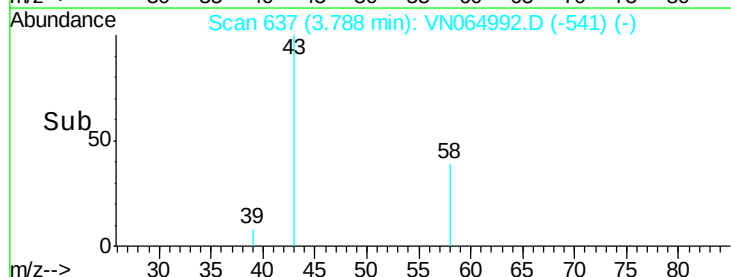
1500

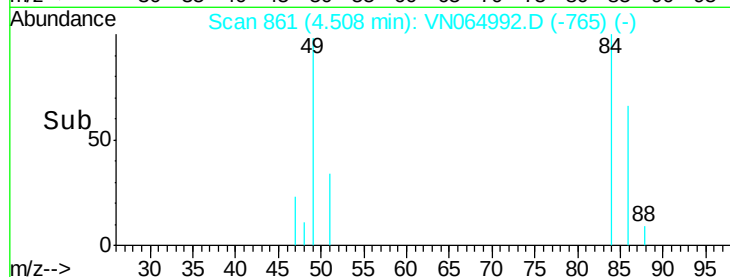
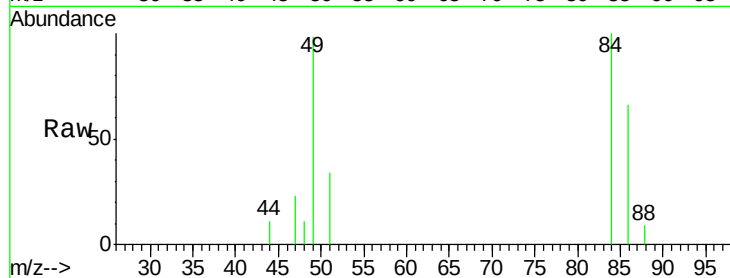
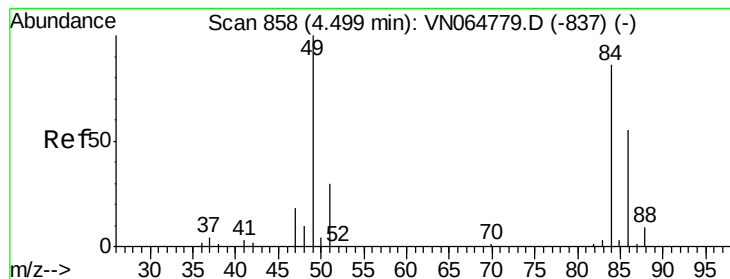
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 4.301 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.01 min

Lab File: VN064992.D

Acq: 9 Dec 2020 1:27

Instrument :

MSVOA_N

ClientSampleId :

CRT014

Tot Ion: 84 Resp: 8759

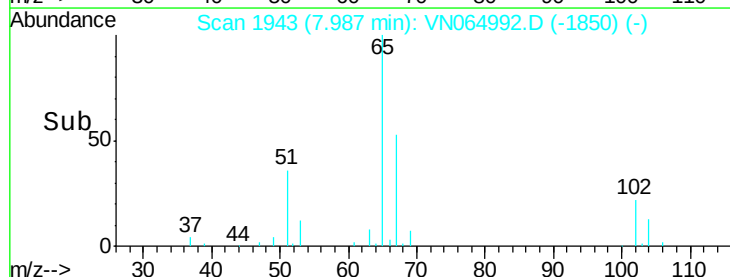
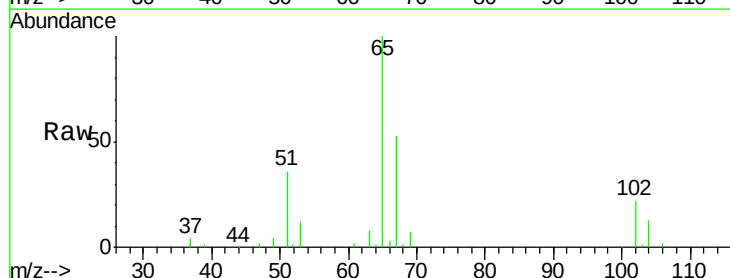
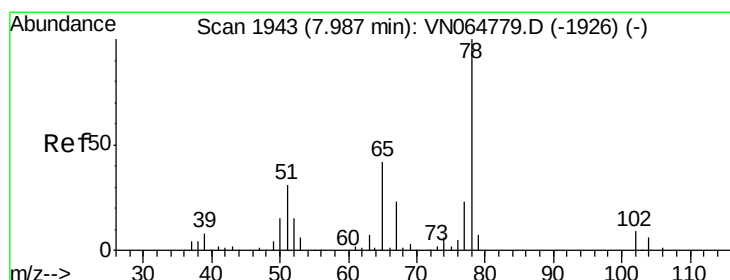
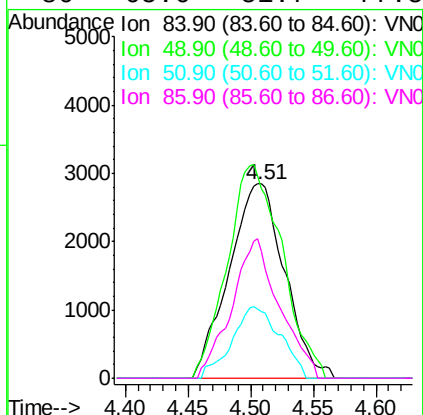
Ion Ratio Lower Upper

84 100

49 97.9 93.4 140.0

51 34.2 28.2 42.4

86 65.6 51.7 77.5



#33

1,2-Dichloroethane-d4

Concen: 55.933 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064992.D

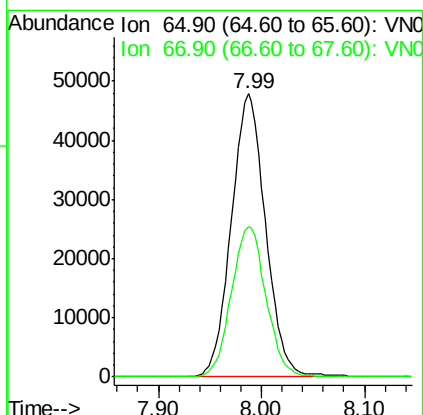
Acq: 9 Dec 2020 1:27

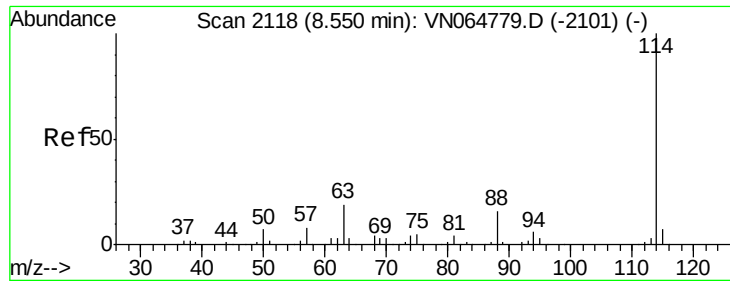
Tgt Ion: 65 Resp: 110580

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.2

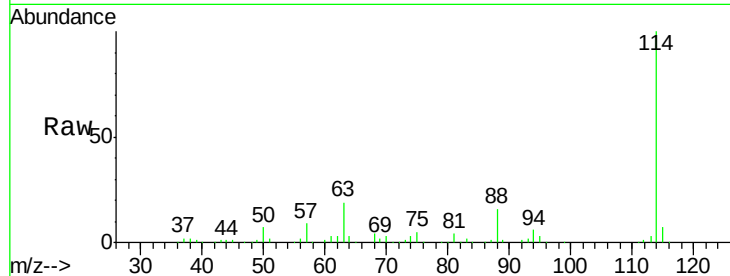




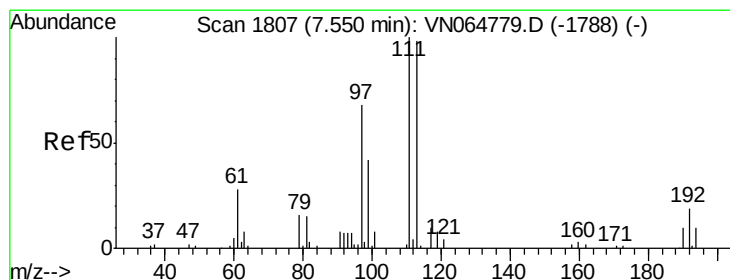
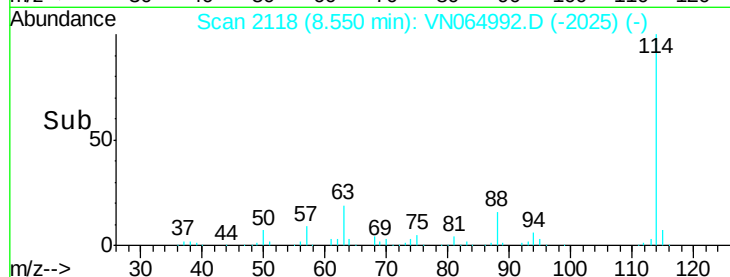
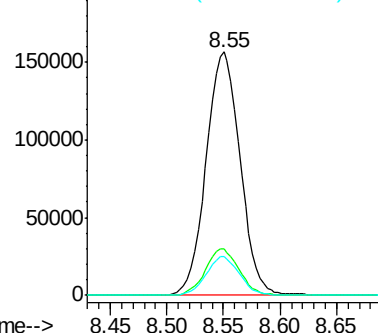
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064992.D
Acq: 9 Dec 2020 1:27

Instrument :
MSVOA_N
ClientSampleId :
CRT014

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	15.9	0.0	32.6

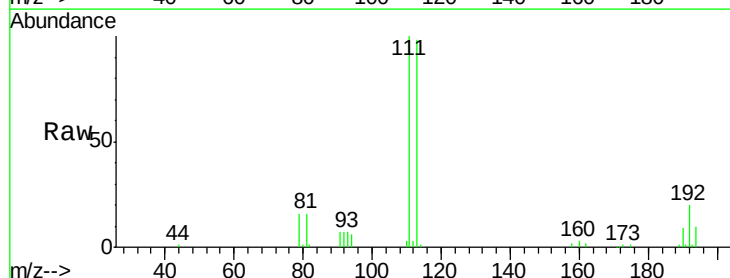


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

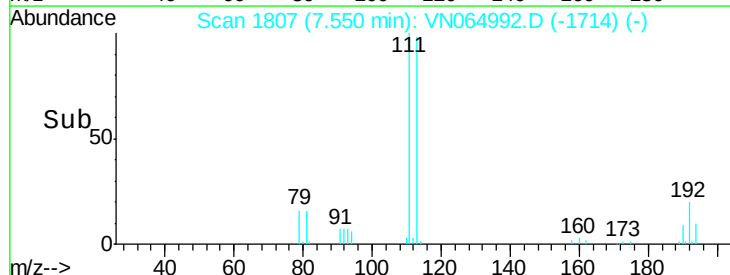
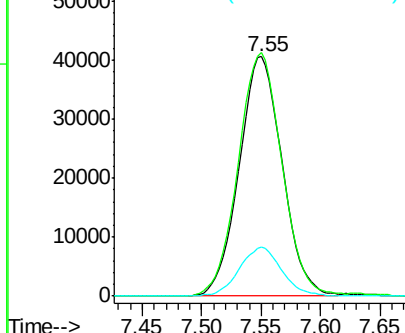


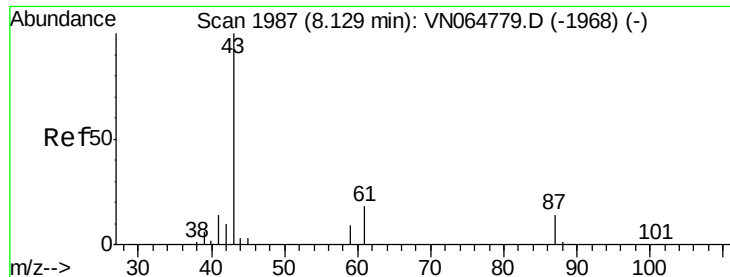
#35
Dibromofluoromethane
Concen: 51.791 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064992.D
Acq: 9 Dec 2020 1:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	20.0	16.2	24.2



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





#43

Isopropyl Acetate

Concen: 3.545 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064992.D

Acq: 9 Dec 2020 1:27

Instrument :

MSVOA_N

ClientSampleId :

CRT014

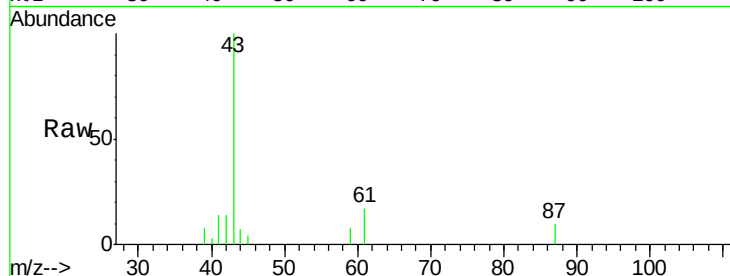
Tot Ion: 43 Resp: 16695

Ion Ratio Lower Upper

43 100

61 17.8 17.2 25.8

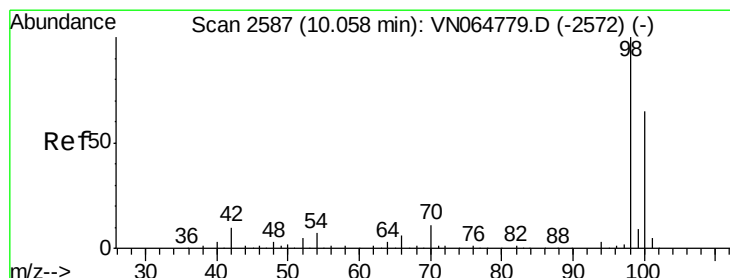
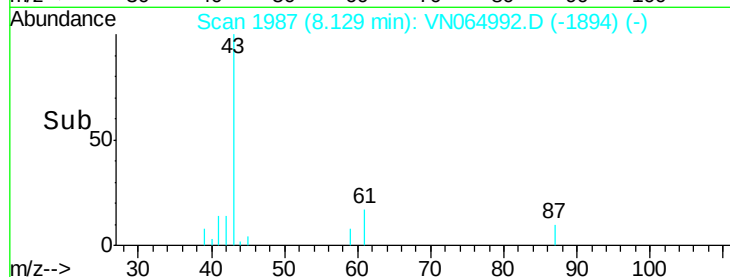
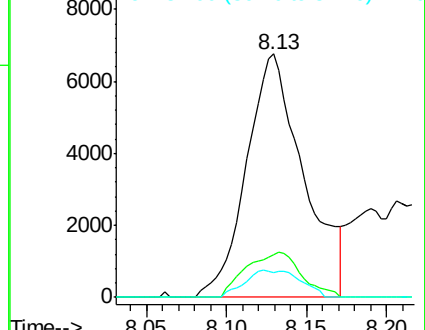
87 5.7 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN064992.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064992.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064992.D (-1968) (-)



#50

Toluene-d8

Concen: 51.648 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064992.D

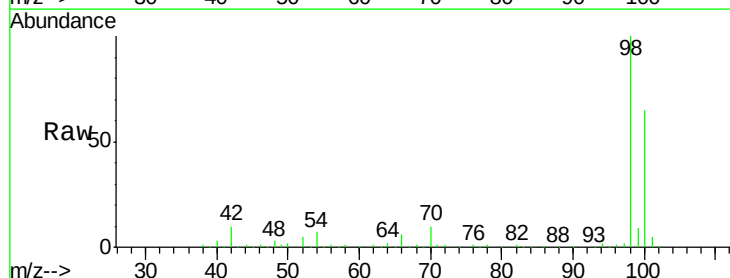
Acq: 9 Dec 2020 1:27

Tgt Ion: 98 Resp: 413949

Ion Ratio Lower Upper

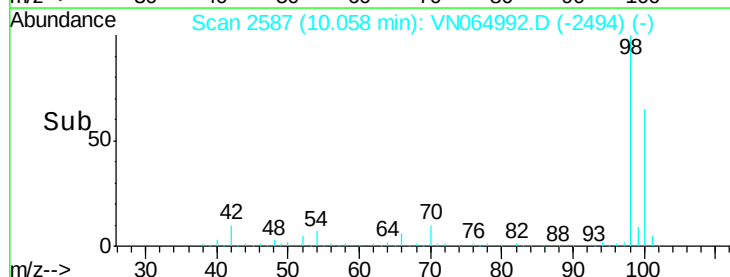
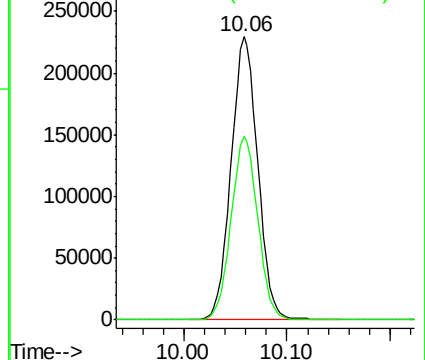
98 100

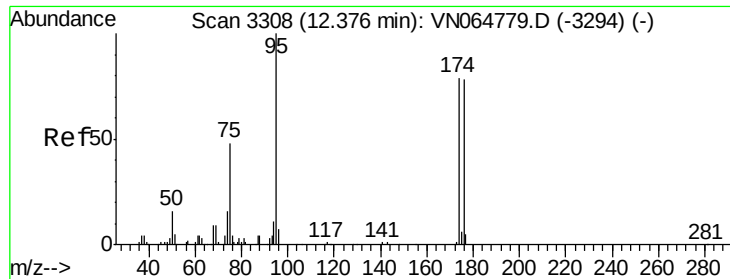
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064992.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064992.D (-2572) (-)

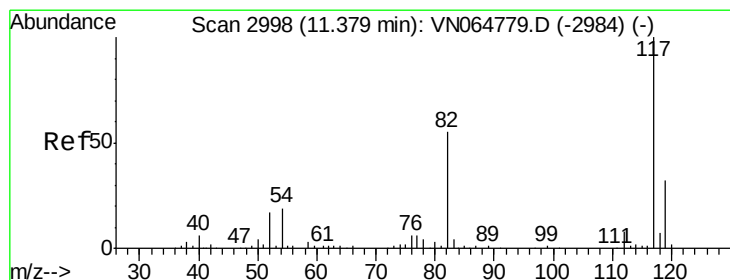
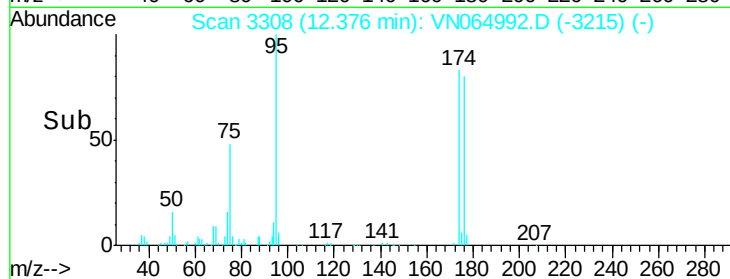
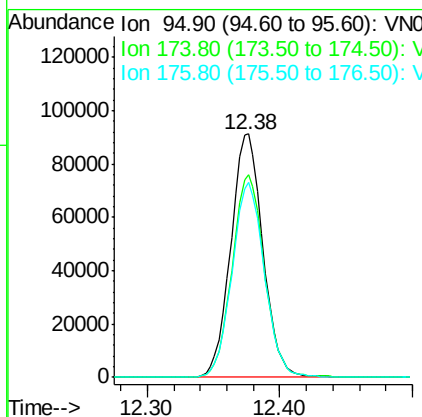
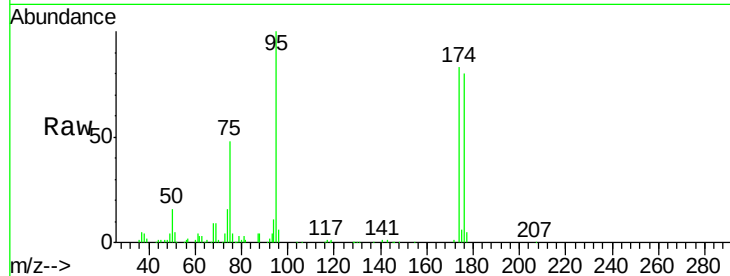




#62
4-Bromofluorobenzene
Concen: 53.527 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064992.D
Acq: 9 Dec 2020 1:27

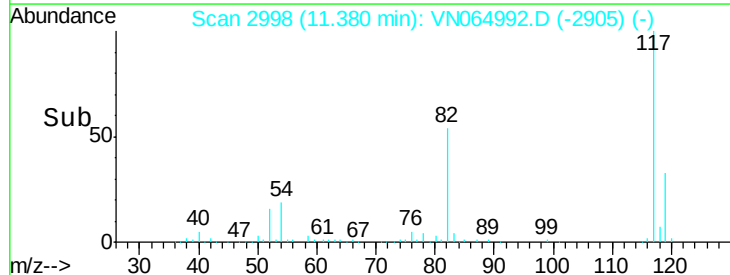
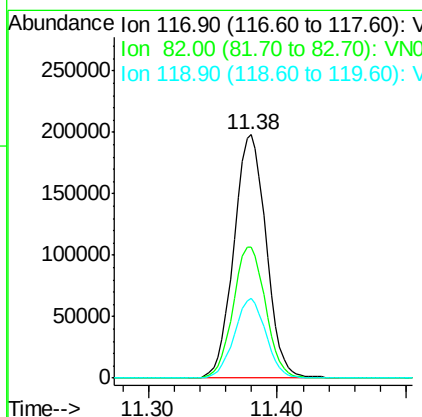
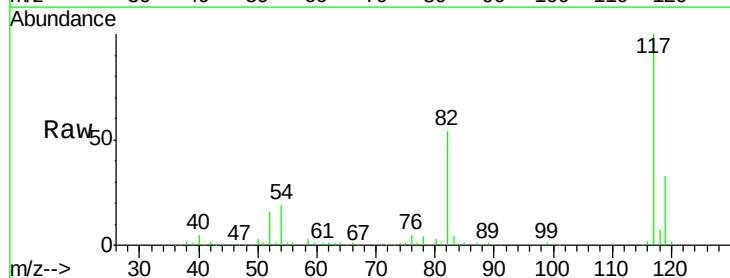
Instrument :
MSVOA_N
ClientSampleId :
CRT014

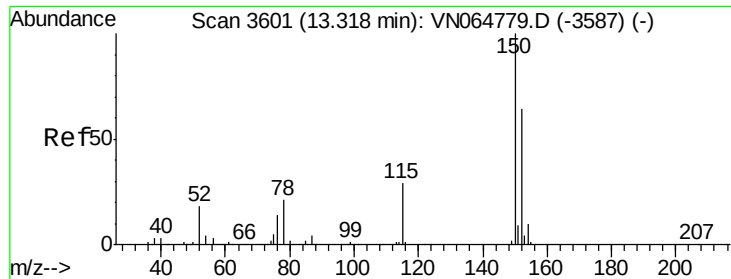
Tot Ion: 95 Resp: 153534
Ion Ratio Lower Upper
95 100
174 83.9 0.0 160.4
176 80.8 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064992.D
Acq: 9 Dec 2020 1:27

Tgt Ion: 117 Resp: 344903
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 32.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064992.D

Acq: 9 Dec 2020 1:27

Instrument :

MSVOA_N

ClientSampleId :

CRT014

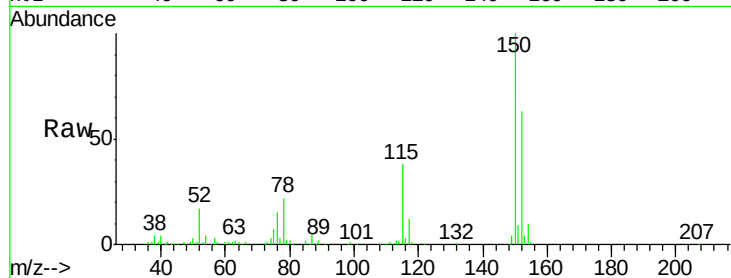
Tot Ion:152 Resp: 144310

Ion Ratio Lower Upper

152 100

115 58.5 29.7 89.1

150 159.0 0.0 350.6



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

