

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064126.D
 Acq On : 14 Oct 2020 20:55
 Operator : JC/MD
 Sample : L4226-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-101320

Quant Time: Oct 15 07:31:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

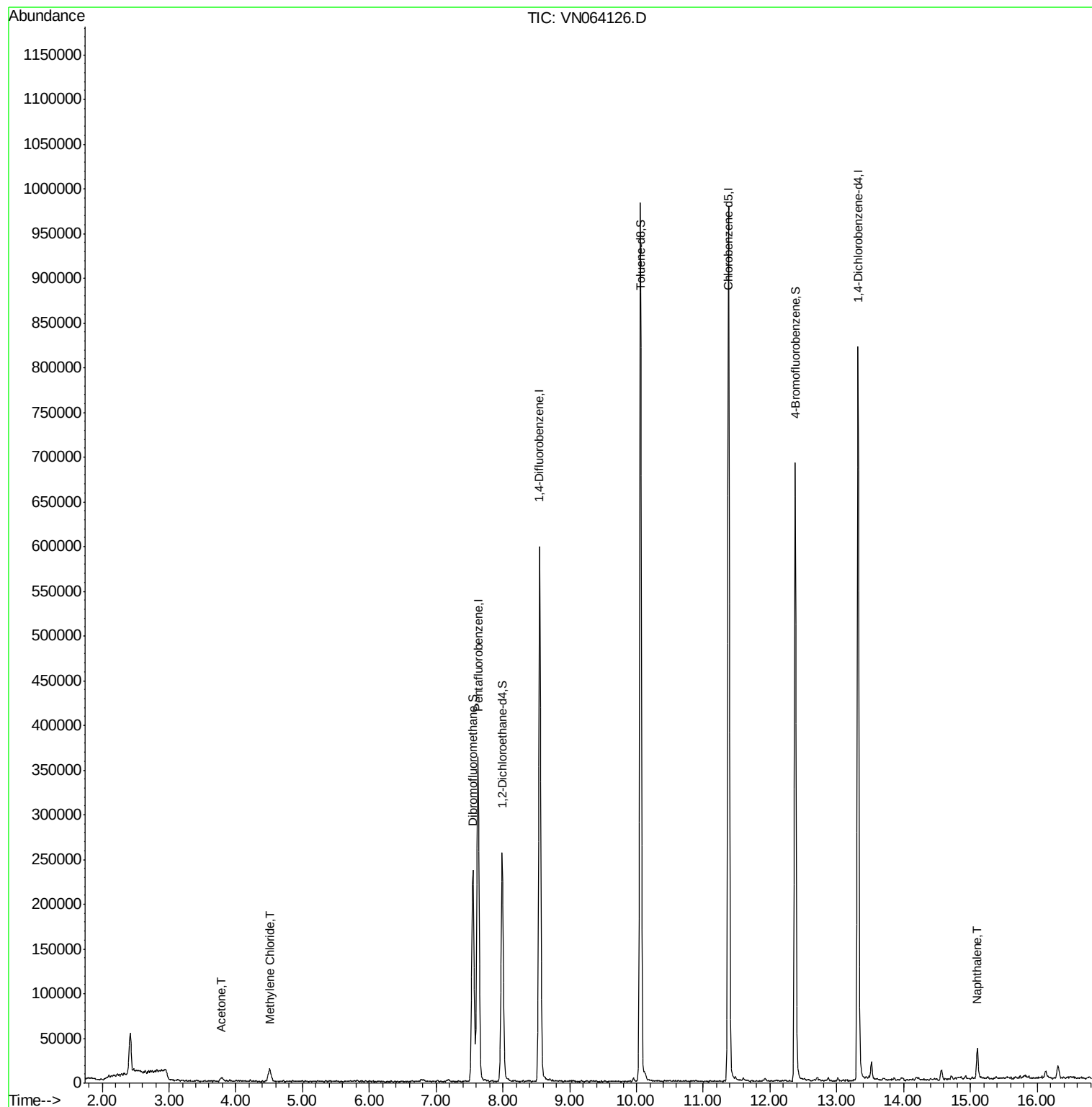
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	283141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	536732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	219045	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
35) Dibromofluoromethane	7.55	113	181943	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
50) Toluene-d8	10.06	98	691492	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.38	95	235594	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
Target Compounds						
16) Acetone	3.78	43	6349	5.308	ug/l #	72
20) Methylene Chloride	4.51	84	9566	2.585	ug/l	96
95) Naphthalene	15.11	128	31042	6.512	ug/l	98

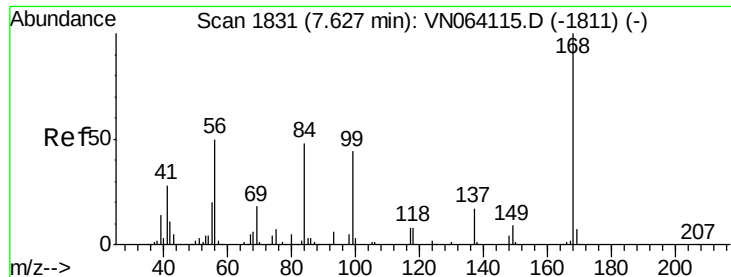
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064126.D

Acq: 14 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

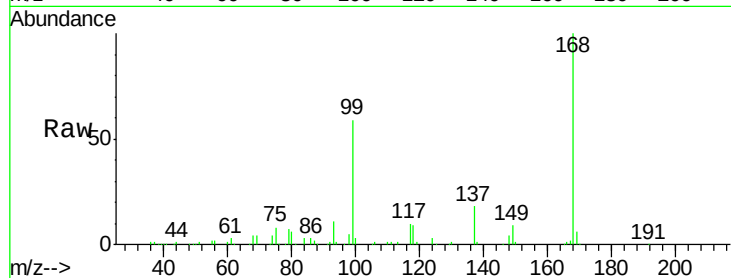
TR-04-101320

Tot Ion:168 Resp: 283141

Ion Ratio Lower Upper

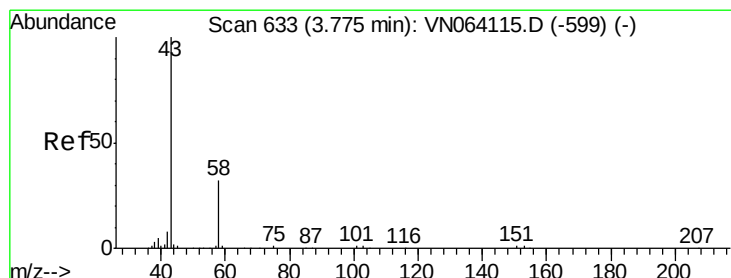
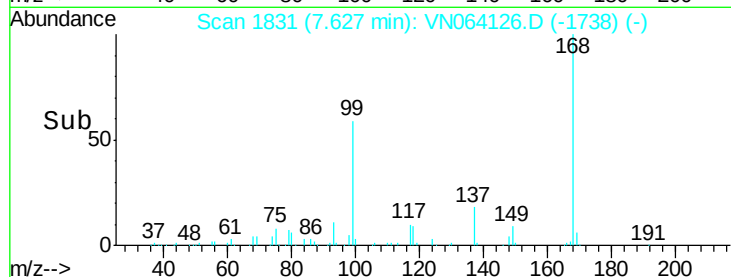
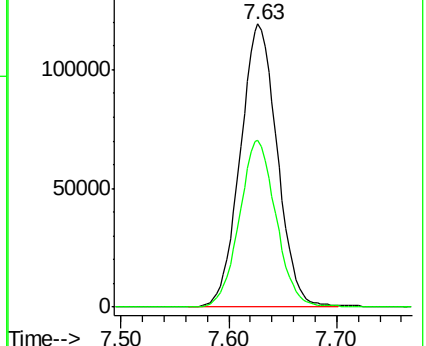
168 100

99 59.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.308 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064126.D

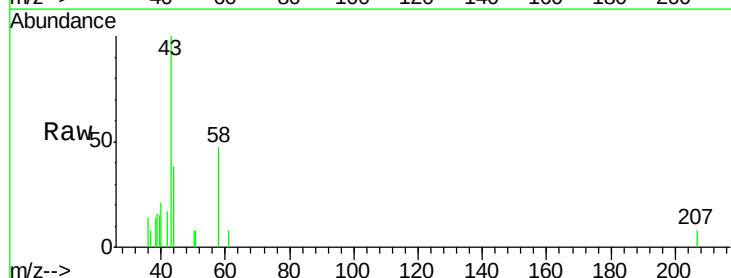
Acq: 14 Oct 2020 20:55

Tgt Ion: 43 Resp: 6349

Ion Ratio Lower Upper

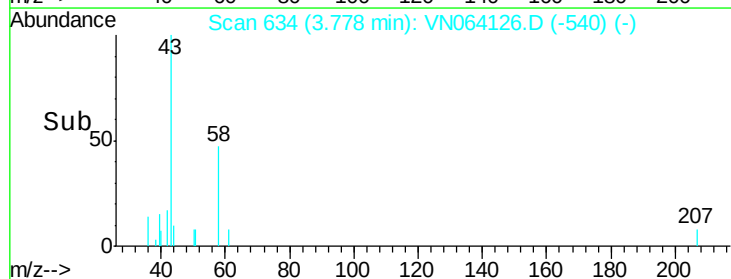
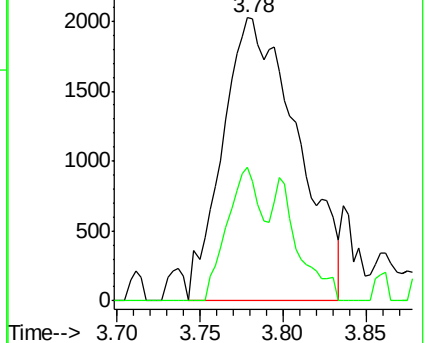
43 100

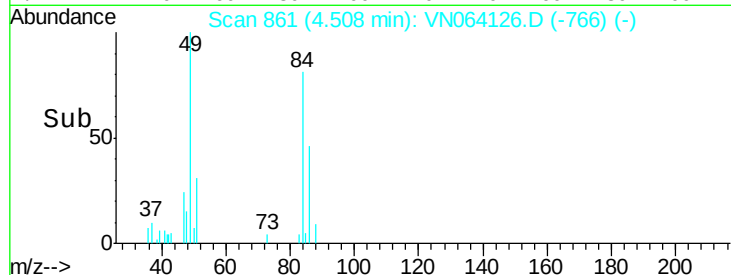
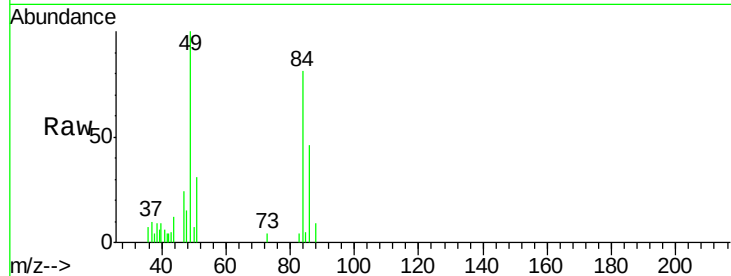
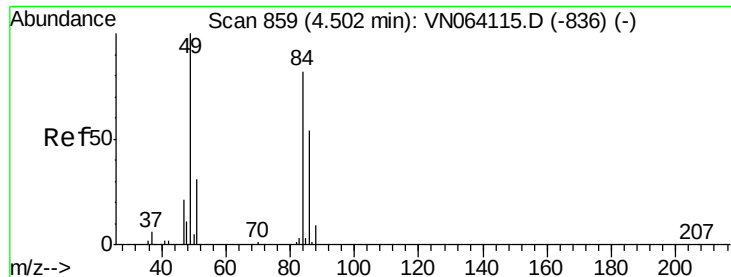
58 47.2 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

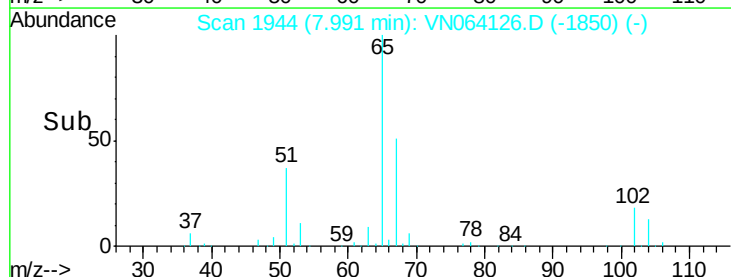
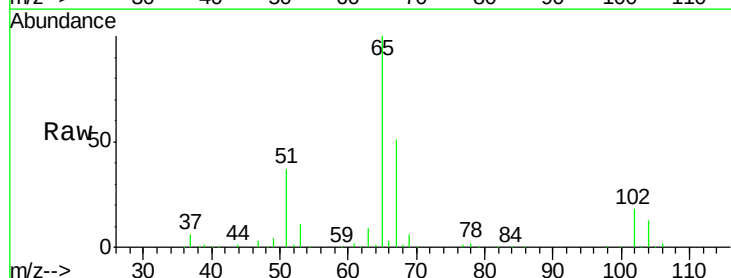
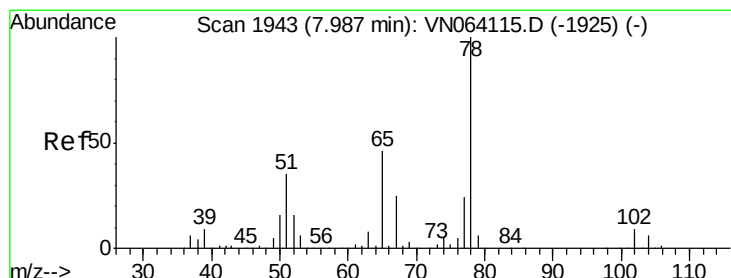
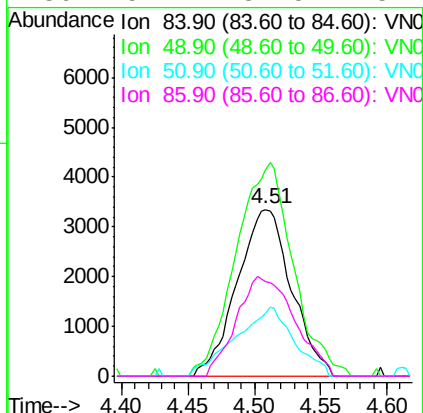




#20
Methylene Chloride
Concen: 2.585 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064126.D
Acq: 14 Oct 2020 20:55

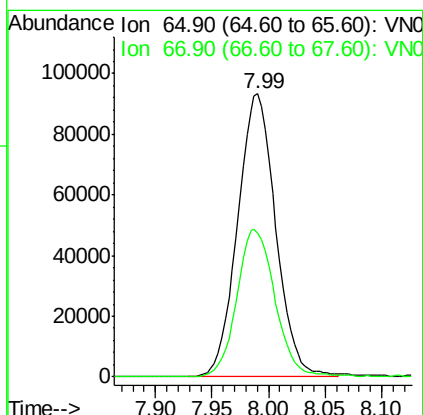
Instrument :
MSVOA_N
ClientSampleId :
TR-04-101320

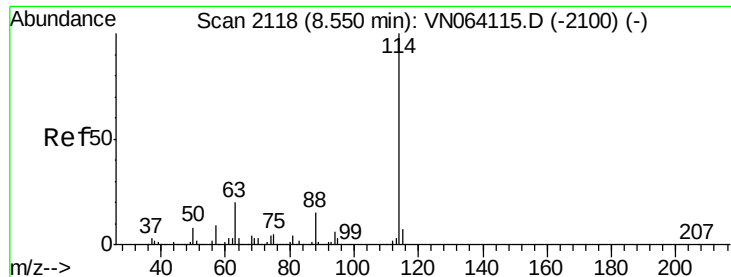
Tot Ion:	84	Resp:	9566
Ion	Ratio	Lower	Upper
84	100		
49	123.8	97.4	146.0
51	37.9	29.7	44.5
86	57.1	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 54.320 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064126.D
Acq: 14 Oct 2020 20:55

Tgt Ion:	65	Resp:	219045
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064126.D

Acq: 14 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

TR-04-101320

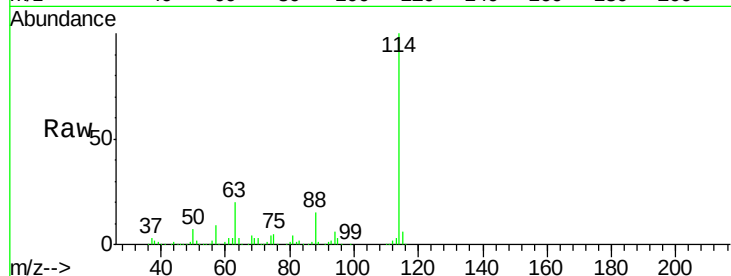
Tot Ion:114 Resp: 536732

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.0

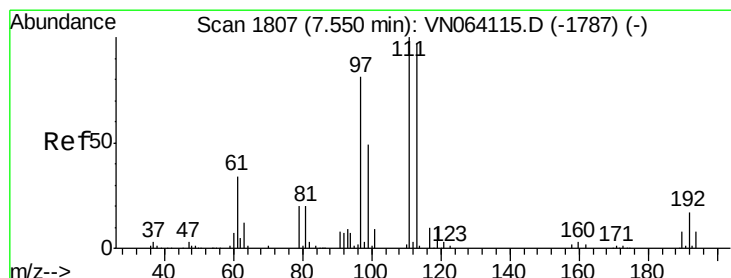
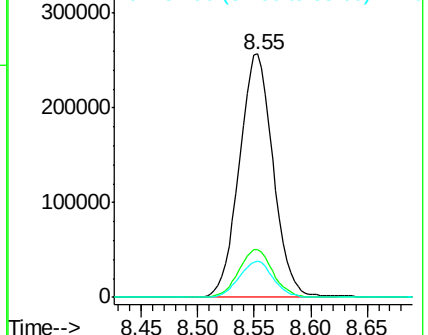
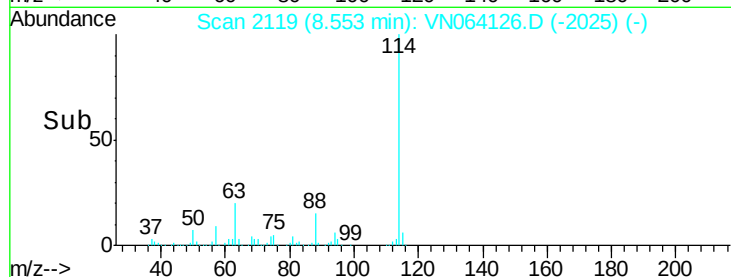
88 14.9 0.0 29.2



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: 48.975 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064126.D

Acq: 14 Oct 2020 20:55

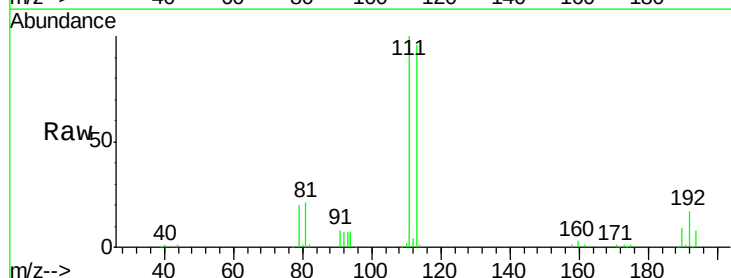
Tgt Ion:113 Resp: 181943

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

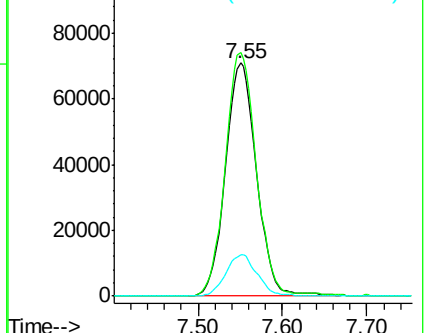
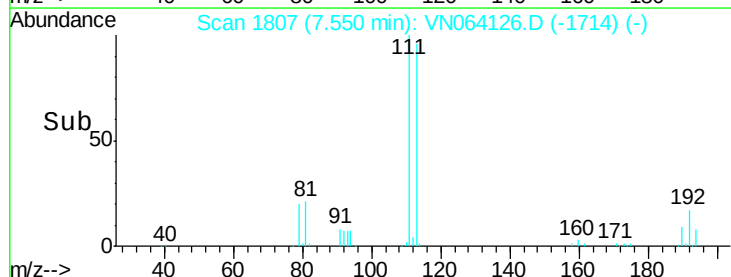
192 17.7 14.3 21.5

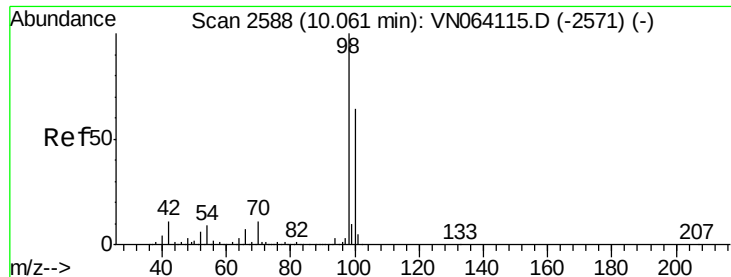


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.332 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064126.D

Acq: 14 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

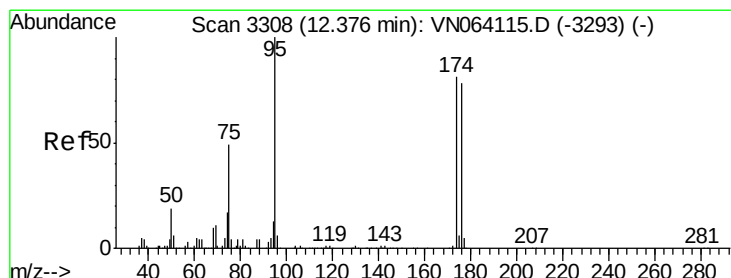
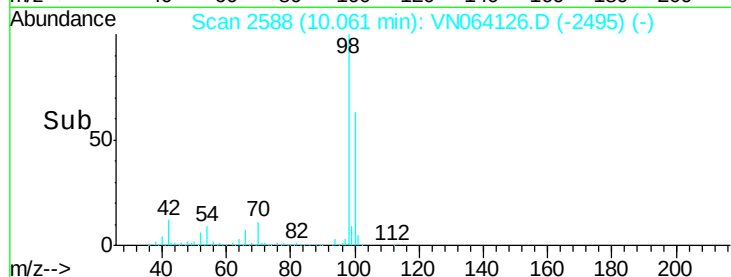
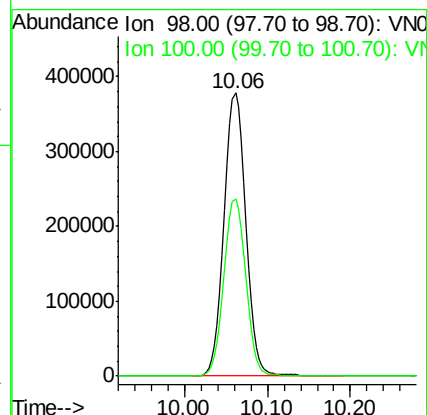
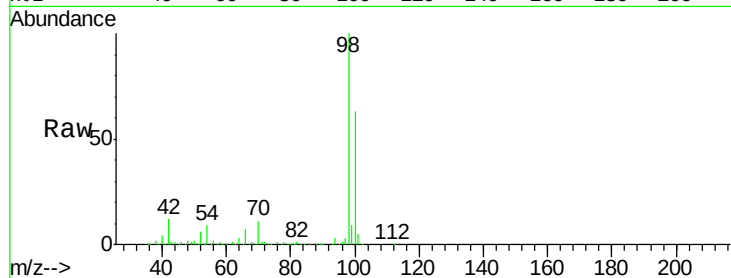
TR-04-101320

Tot Ion: 98 Resp: 691492

Ion Ratio Lower Upper

98 100

100 62.9 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 48.898 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064126.D

Acq: 14 Oct 2020 20:55

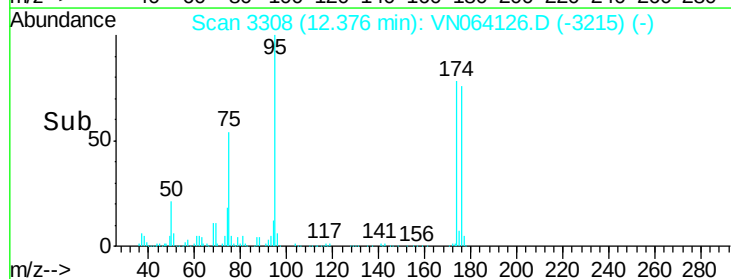
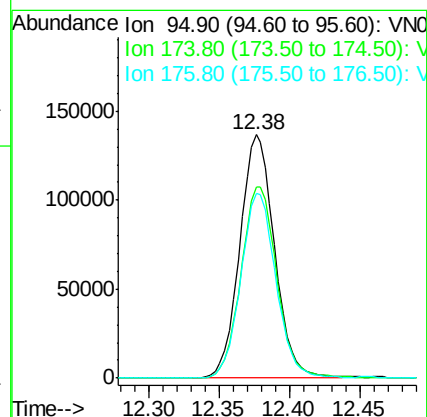
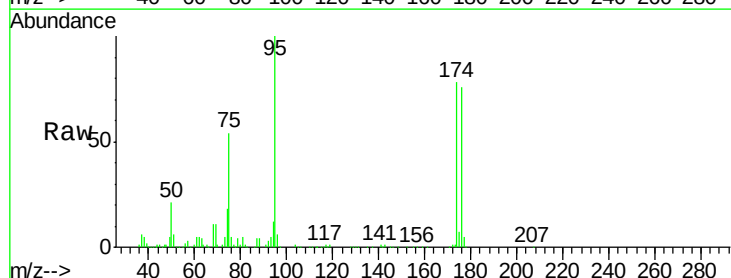
Tgt Ion: 95 Resp: 235594

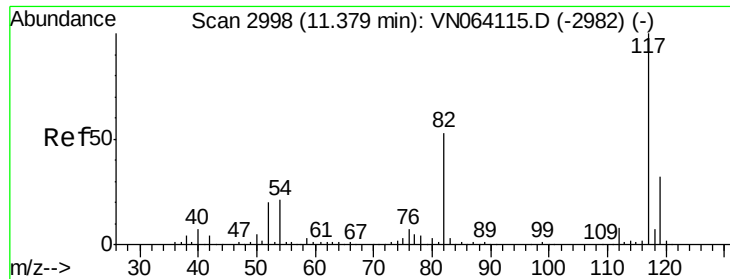
Ion Ratio Lower Upper

95 100

174 81.3 0.0 164.8

176 77.1 0.0 157.8

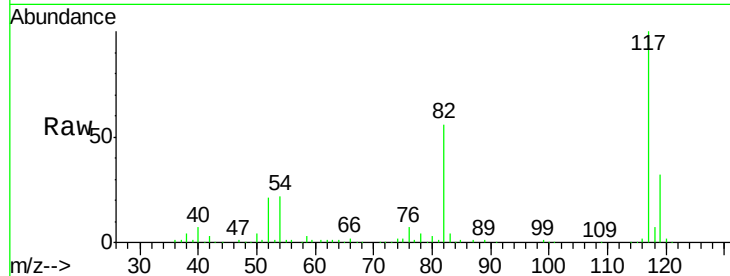




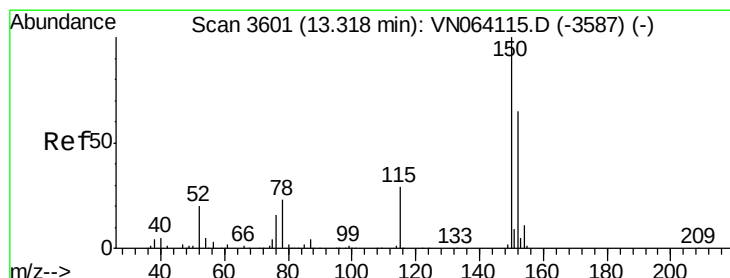
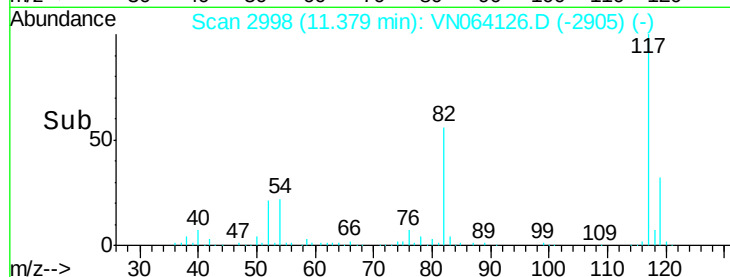
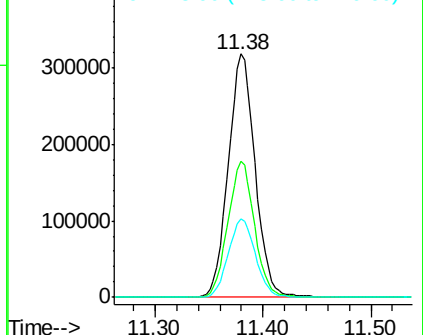
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064126.D
Acq: 14 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampled :
TR-04-101320

Tot Ion:117 Resp: 553414
Ion Ratio Lower Upper
117 100
82 55.8 42.6 63.8
119 32.0 25.5 38.3

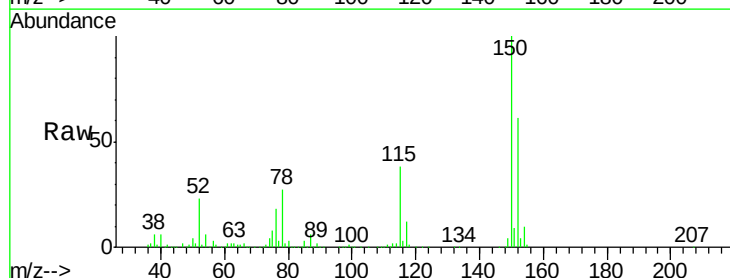


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

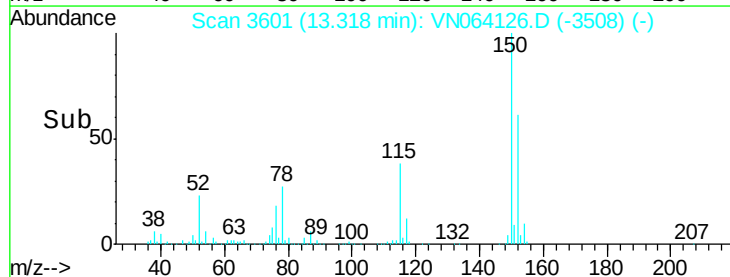
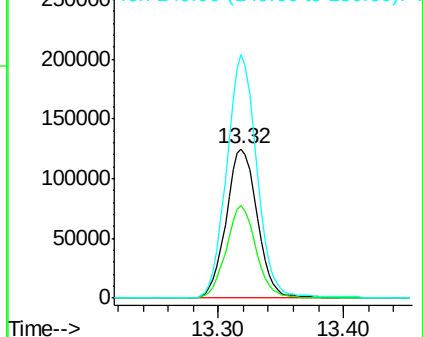


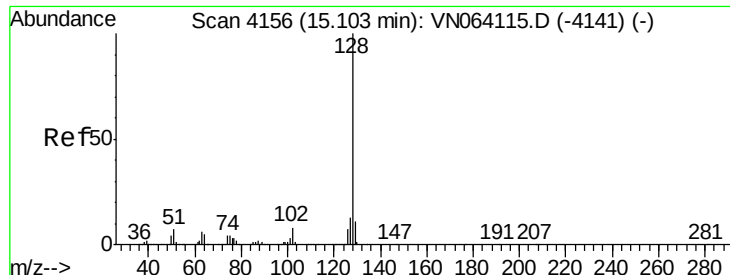
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064126.D
Acq: 14 Oct 2020 20:55

Tgt Ion:152 Resp: 215841
Ion Ratio Lower Upper
152 100
115 59.3 29.3 87.8
150 158.7 0.0 346.0



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





#95

Naphthalene

Concen: 6.512 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN064126.D

Acq: 14 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

TR-04-101320

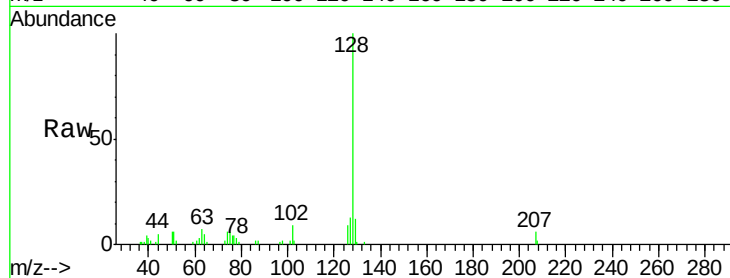
Tot Ion:128 Resp: 31042

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

129 11.4 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

