

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062943.D
 Acq On : 14 Aug 2020 19:19
 Operator : JC/MD
 Sample : VN0814WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBL02

Quant Time: Aug 17 09:49:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	187210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	338254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	345835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123762	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	157892	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
35) Dibromofluoromethane	7.55	113	123251	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
50) Toluene-d8	10.06	98	437706	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.38	95	148568	43.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.04%	

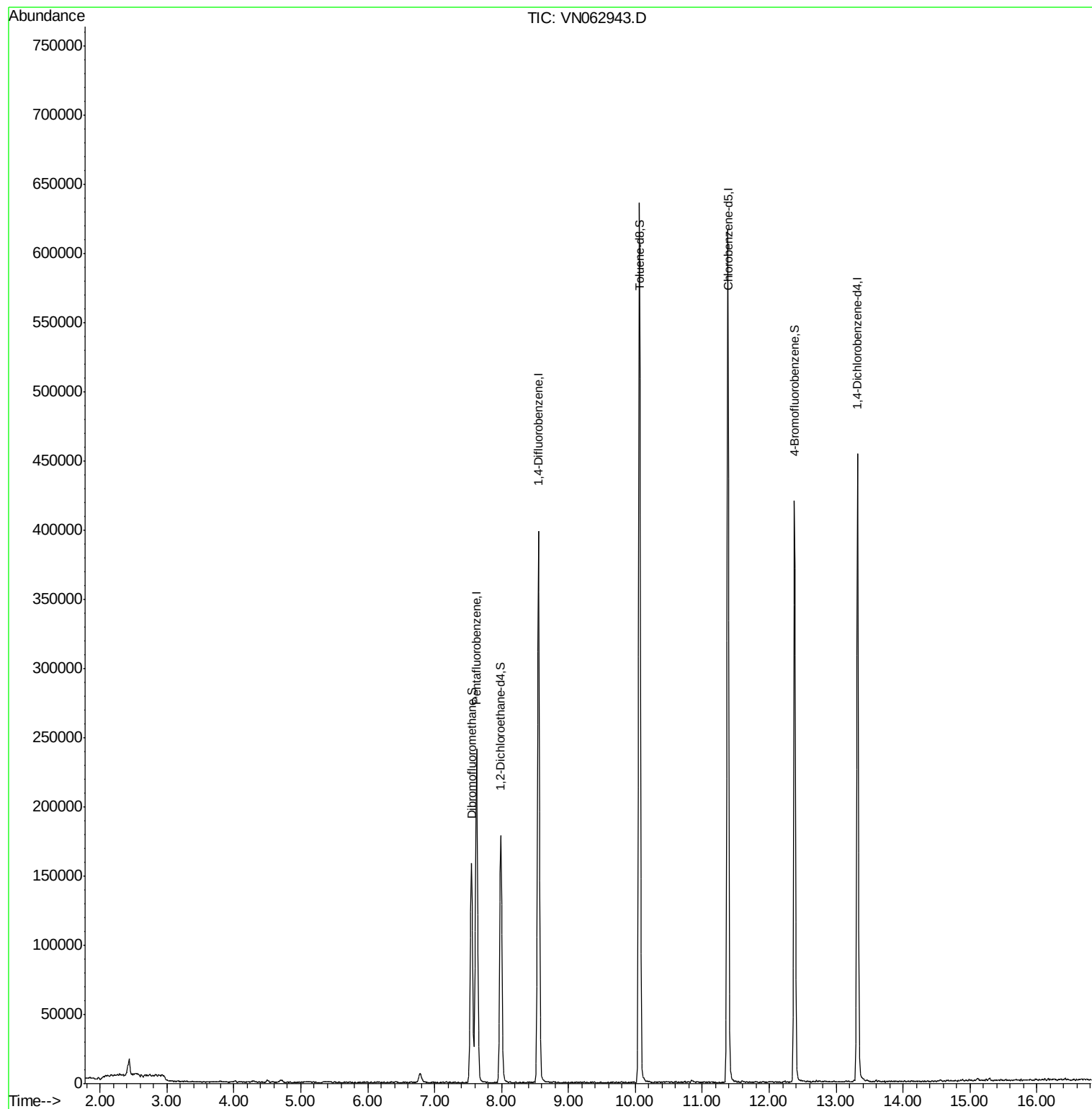
Target Compounds	Qvalue

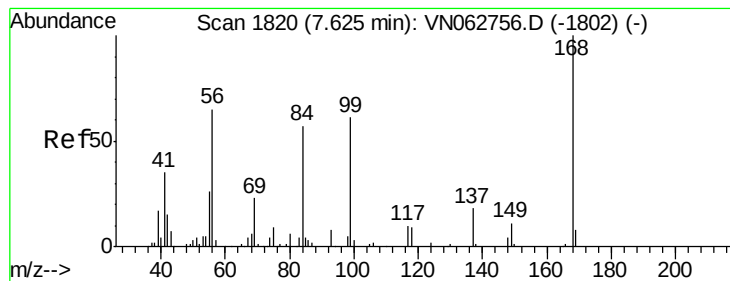
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062943.D

Acq: 14 Aug 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

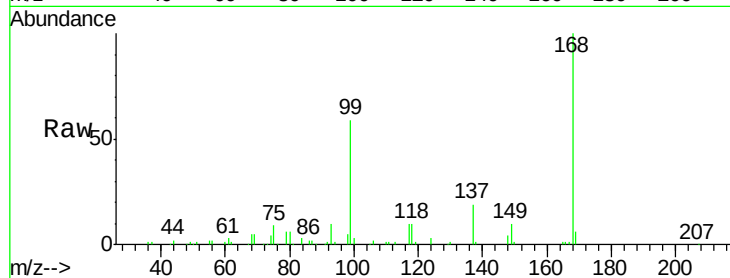
VN0814WBL02

Tot Ion:168 Resp: 187210

Ion Ratio Lower Upper

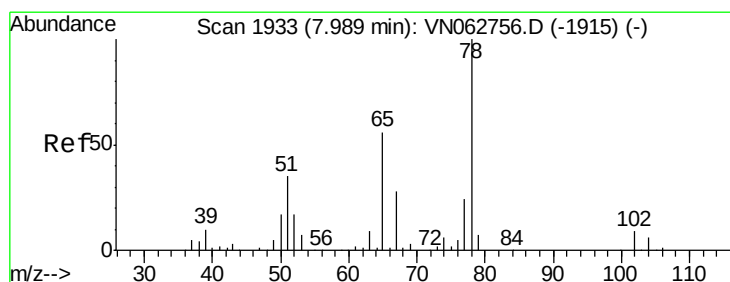
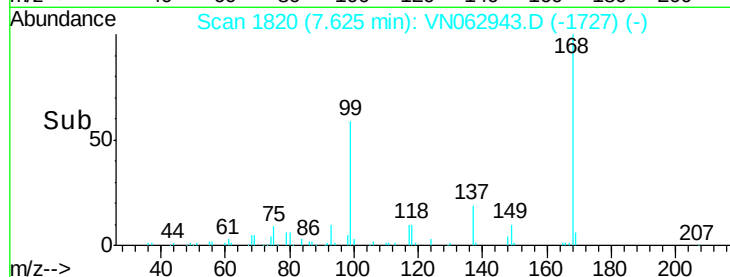
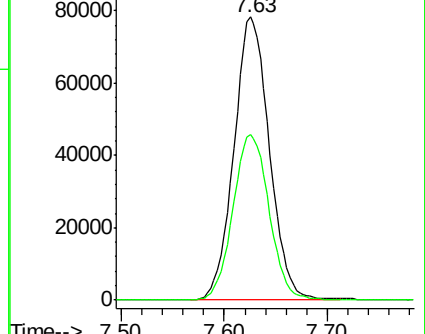
168 100

99 58.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.001 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062943.D

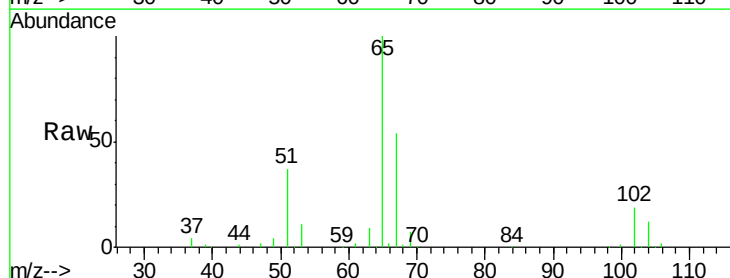
Acq: 14 Aug 2020 19:19

Tgt Ion: 65 Resp: 157892

Ion Ratio Lower Upper

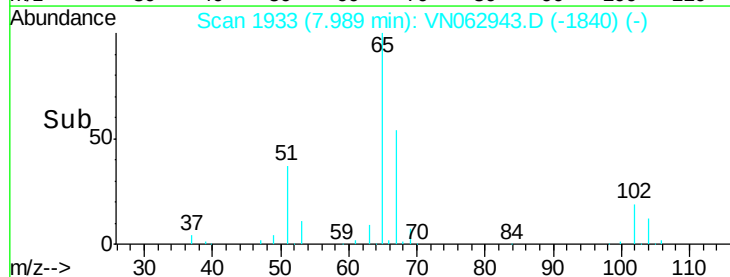
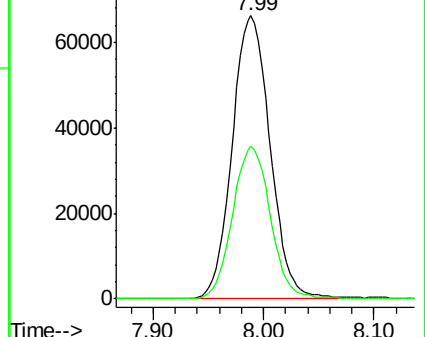
65 100

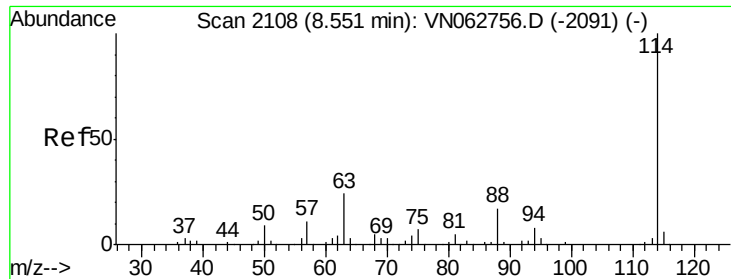
67 53.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

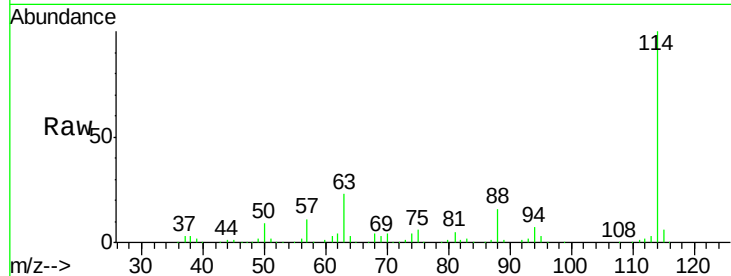




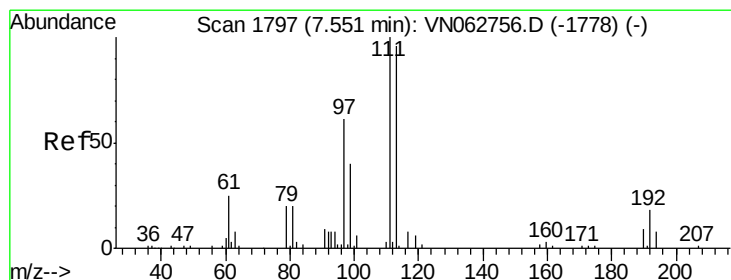
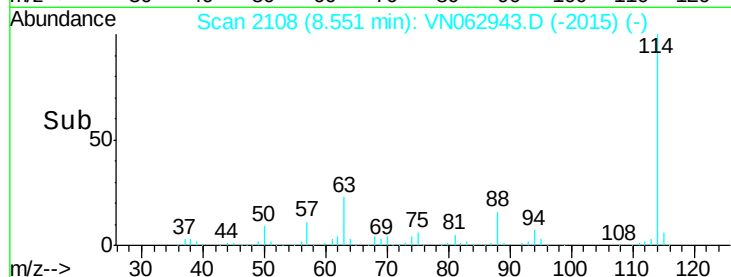
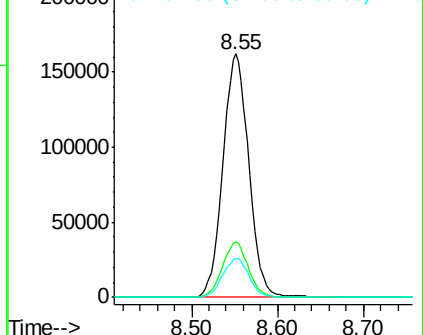
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062943.D
 Acq: 14 Aug 2020 19:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBL02

Tot Ion:114 Resp: 338254
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.6
 88 16.2 0.0 34.4

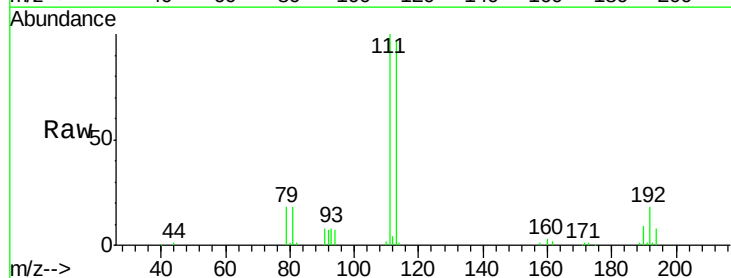


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

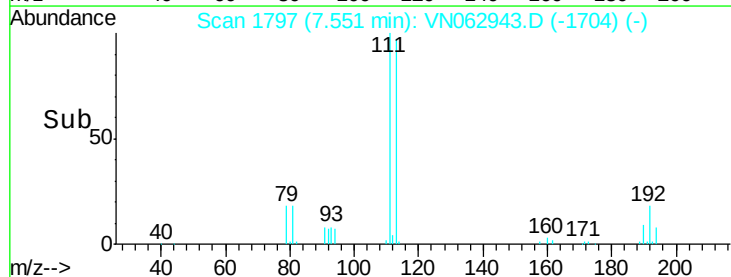
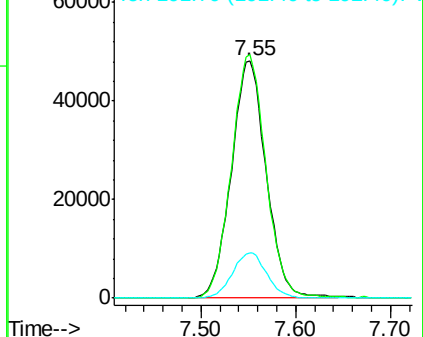


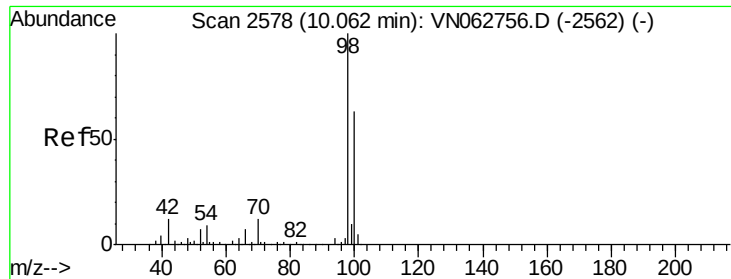
#35
 Dibromofluoromethane
 Concen: 53.267 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062943.D
 Acq: 14 Aug 2020 19:19

Tgt Ion:113 Resp: 123251
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.8 122.6
 192 18.7 15.0 22.4



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: 48.454 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062943.D

Acq: 14 Aug 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

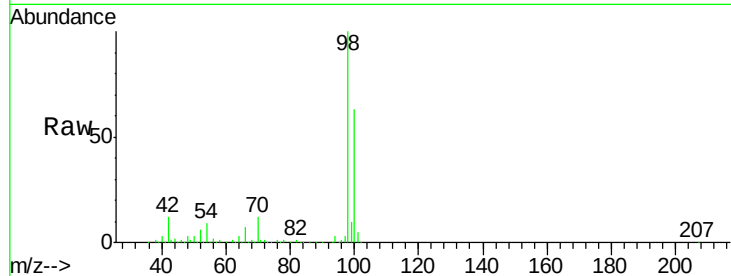
VN0814WBL02

Tot Ion: 98 Resp: 437706

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)

10.06

250000

200000

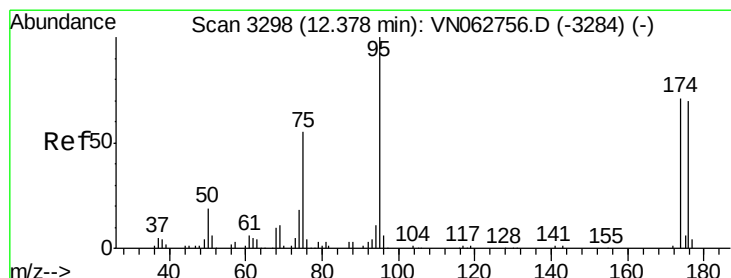
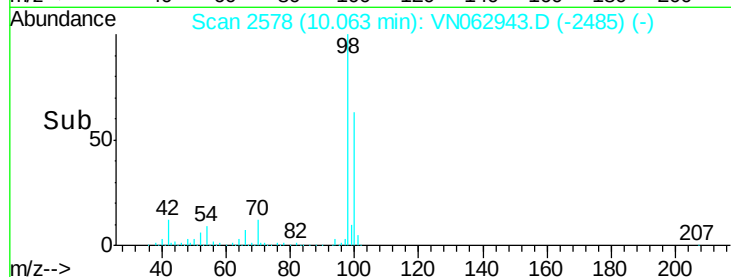
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.521 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062943.D

Acq: 14 Aug 2020 19:19

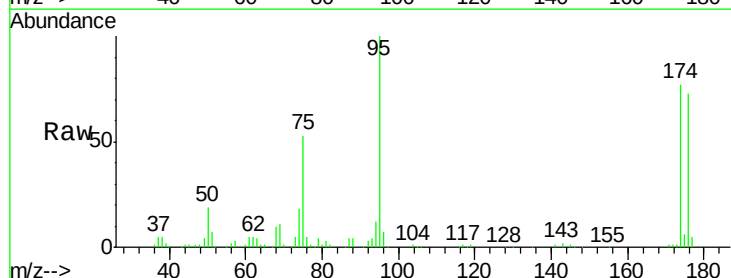
Tgt Ion: 95 Resp: 148568

Ion Ratio Lower Upper

95 100

174 78.6 0.0 144.8

176 74.3 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

12.38

100000

80000

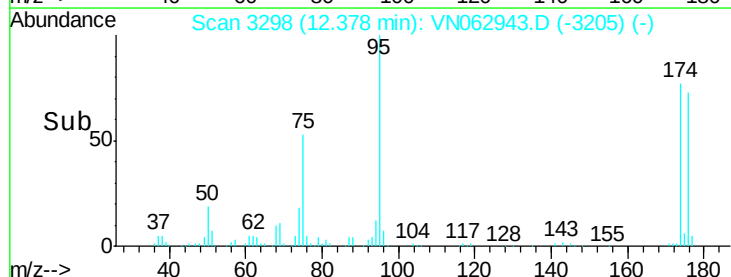
60000

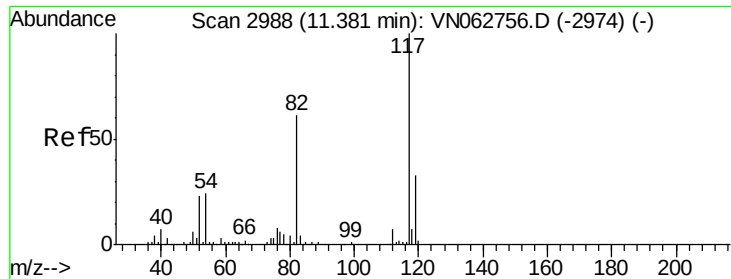
40000

20000

0

Time-->

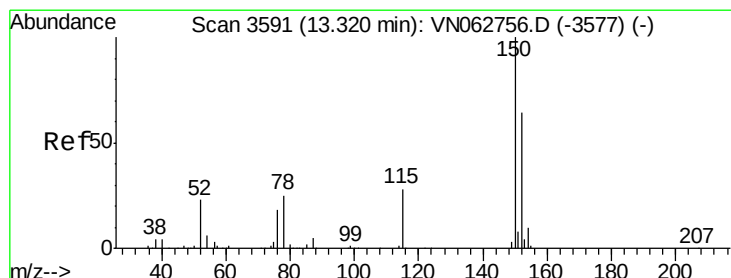
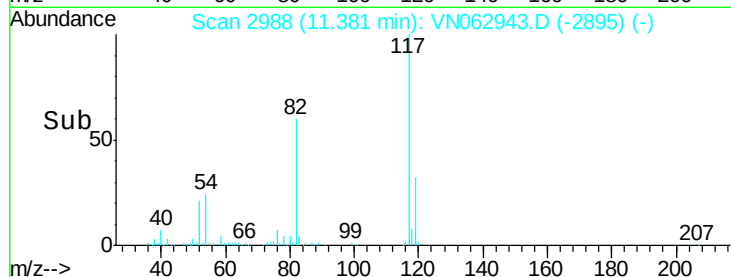
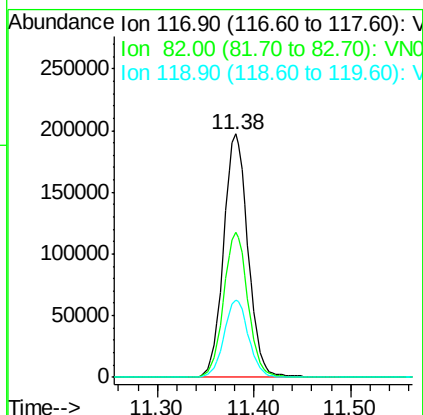
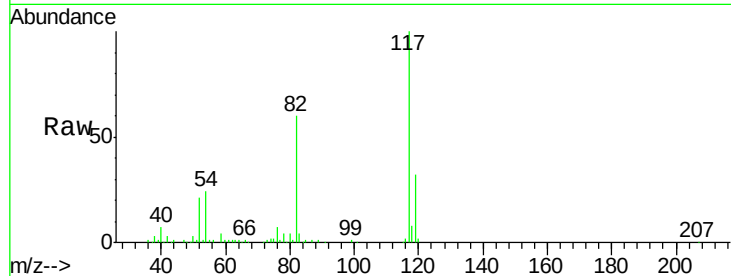




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062943.D
Acq: 14 Aug 2020 19:19

Instrument :
MSVOA_N
ClientSampled :
VN0814WBL02

Tot Ion:117 Resp: 345835
Ion Ratio Lower Upper
117 100
82 59.7 49.0 73.4
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062943.D
Acq: 14 Aug 2020 19:19

Tgt Ion:152 Resp: 123762
Ion Ratio Lower Upper
152 100
115 59.2 31.6 94.8
150 152.2 0.0 349.2

