

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080919\
 Data File : VN057145.D
 Acq On : 9 Aug 2019 14:37
 Operator : JC/SP
 Sample : K4281-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Aug 10 07:43:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1355487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1921460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1558220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	372873	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	636347	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	6.99	113	572971	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	9.56	98	2202511	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	11.92	95	563598	37.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.84%	

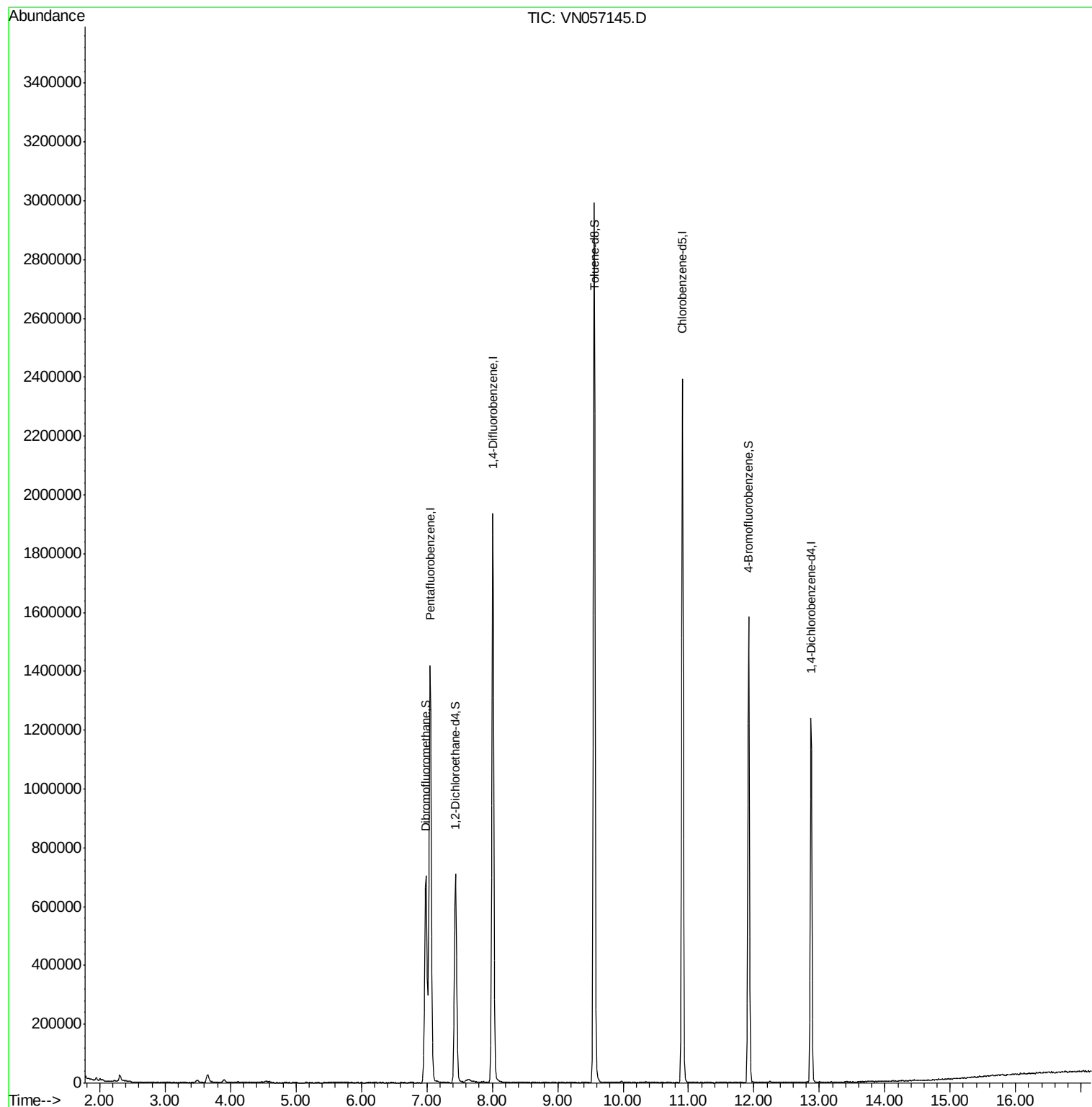
Target Compounds	Qvalue
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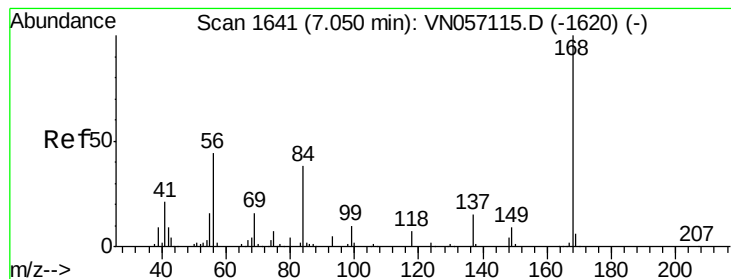
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057145.D

Acq: 9 Aug 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

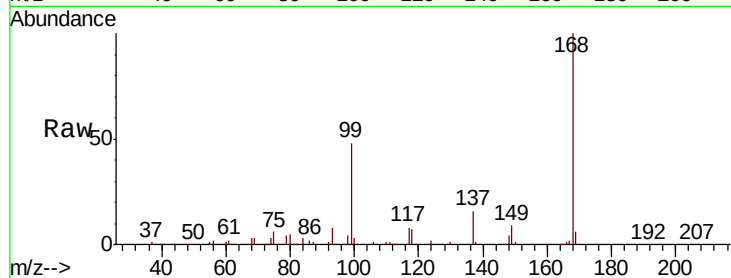
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 1355487

Ion Ratio Lower Upper

168 100

99 47.9 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

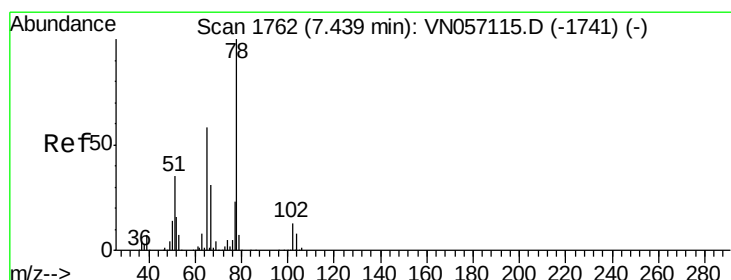
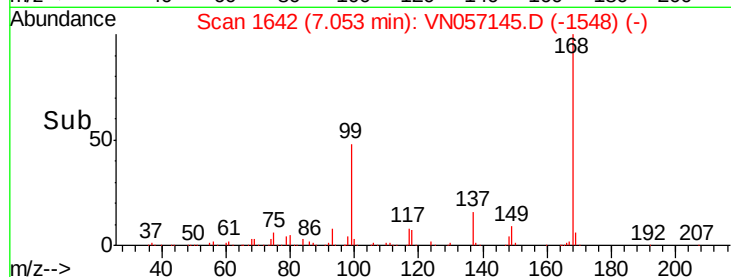
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.648 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057145.D

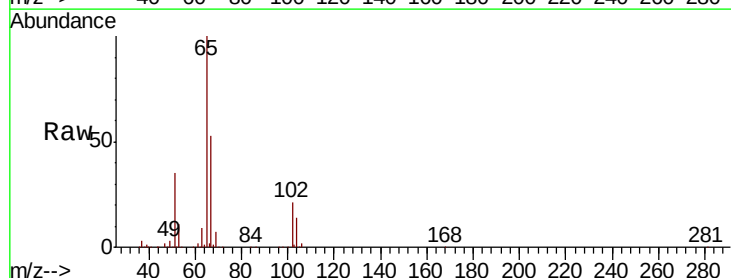
Acq: 9 Aug 2019 14:37

Tgt Ion: 65 Resp: 636347

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN057115.D (-1741) (-)

Ion 66.90 (66.60 to 67.60): VN057115.D (-1741) (-)

7.44

300000

250000

200000

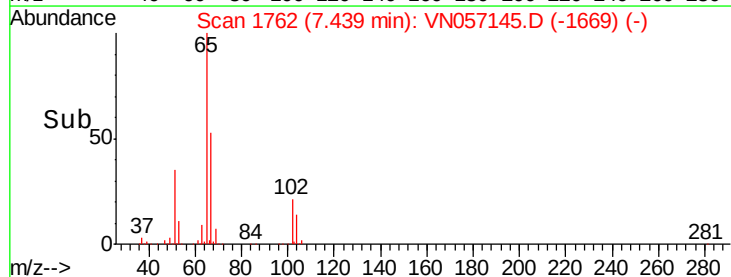
150000

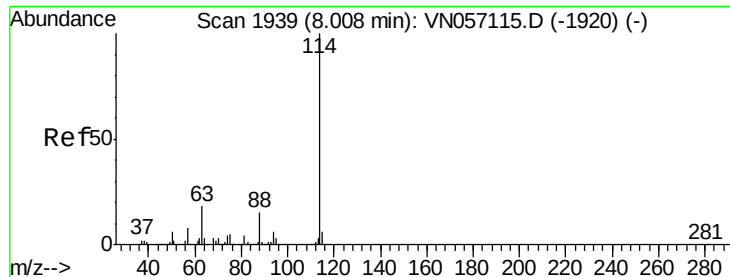
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057145.D

Acq: 9 Aug 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

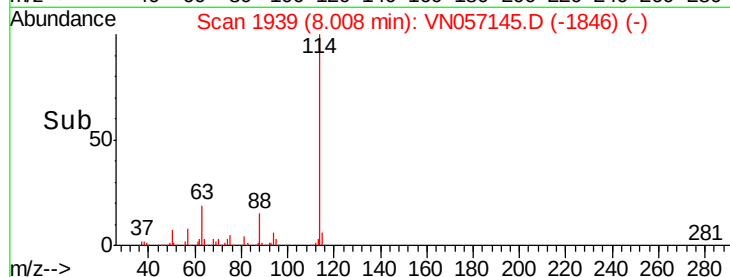
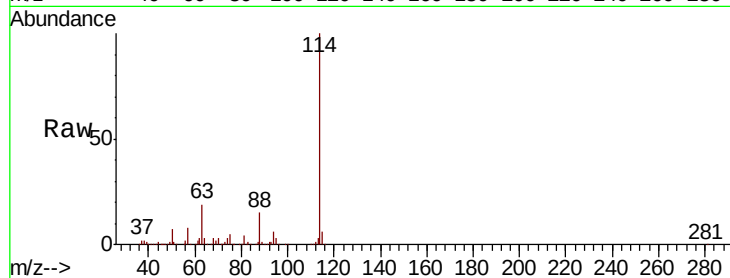
Tot Ion:114 Resp: 1921460

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.2

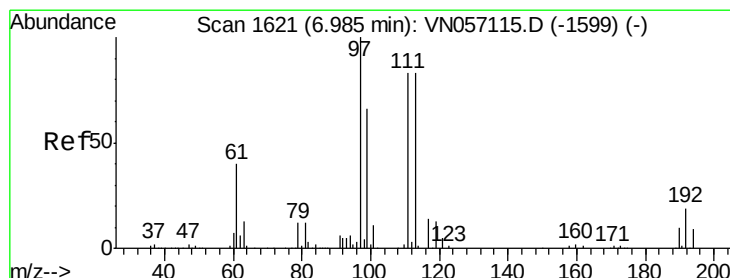
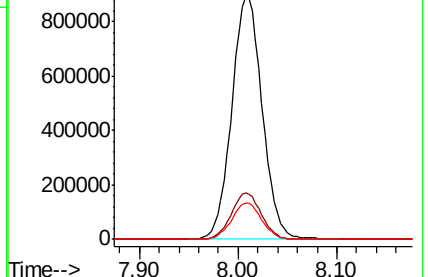
88 15.0 0.0 30.0



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: 47.520 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057145.D

Acq: 9 Aug 2019 14:37

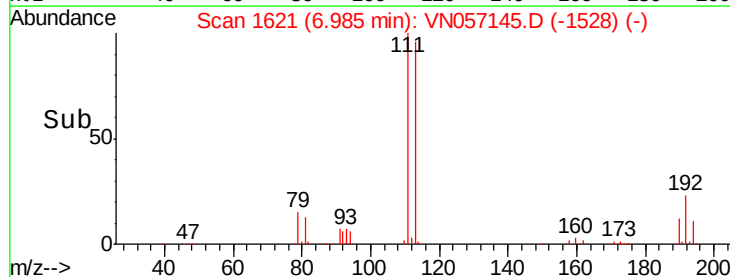
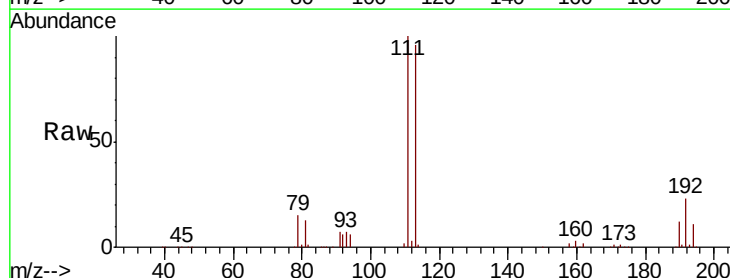
Tgt Ion:113 Resp: 572971

Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

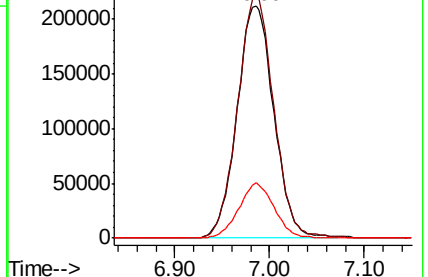
192 23.0 19.0 28.4

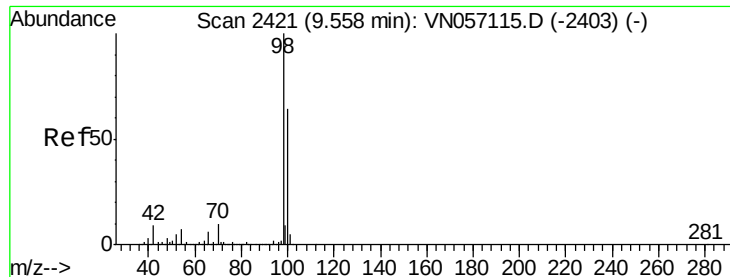


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

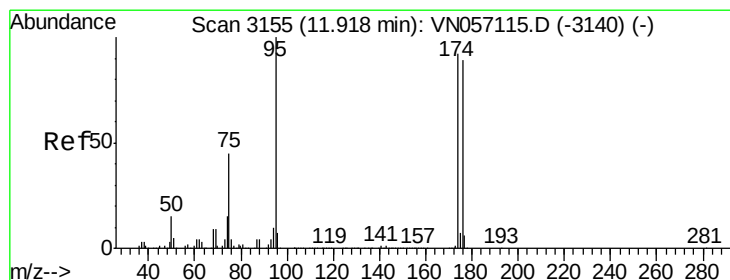
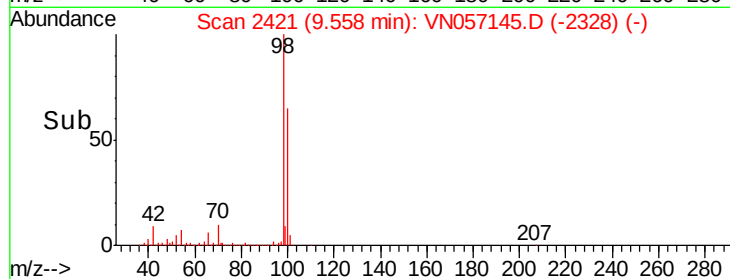
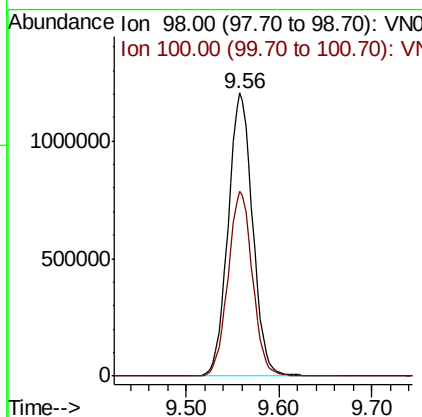
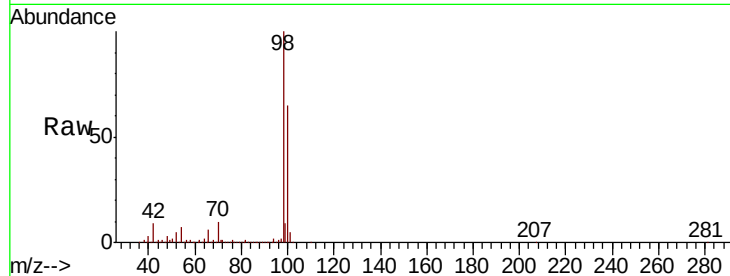




#50
Toluene-d8
Concen: 47.746 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057145.D
Acq: 9 Aug 2019 14:37

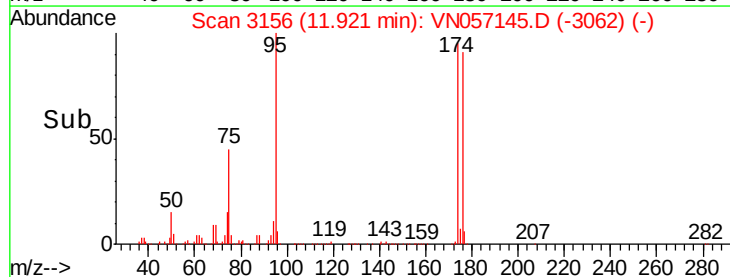
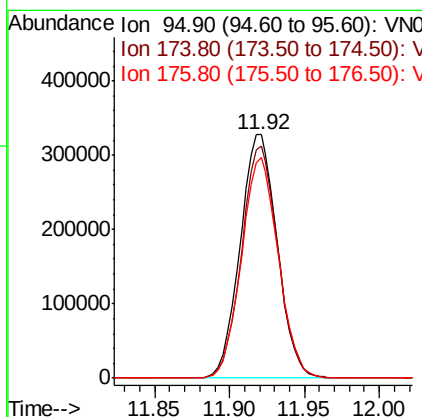
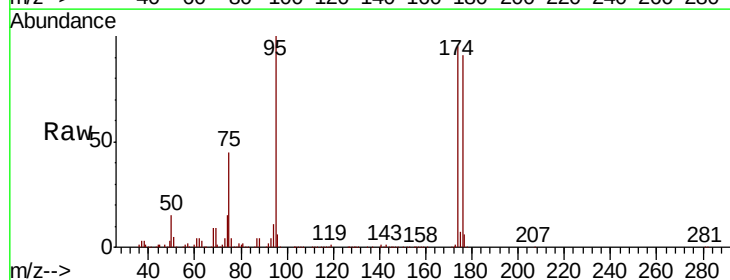
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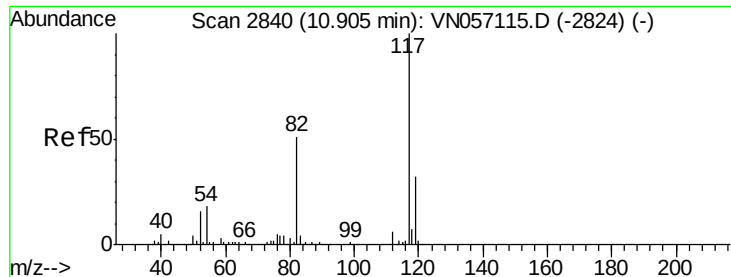
Tot Ion: 98 Resp: 2202511
Ion Ratio Lower Upper
98 100
100 65.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 37.919 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057145.D
Acq: 9 Aug 2019 14:37

Tgt Ion: 95 Resp: 563598
Ion Ratio Lower Upper
95 100
174 93.6 0.0 185.0
176 90.2 0.0 181.2

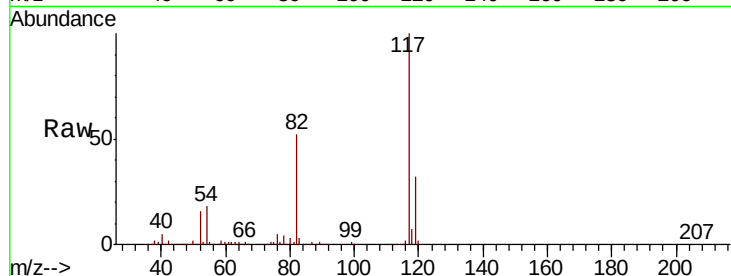




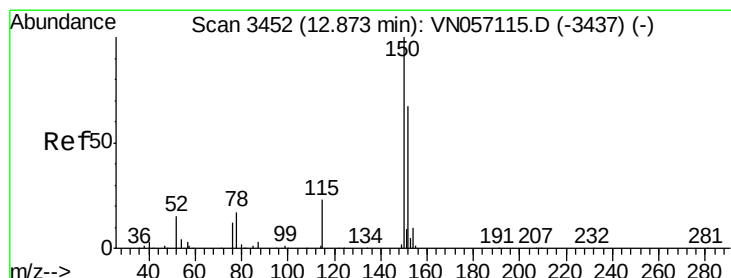
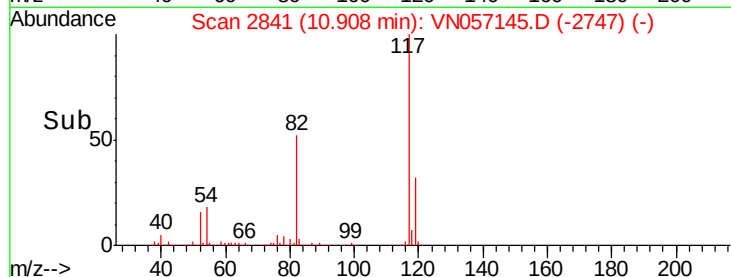
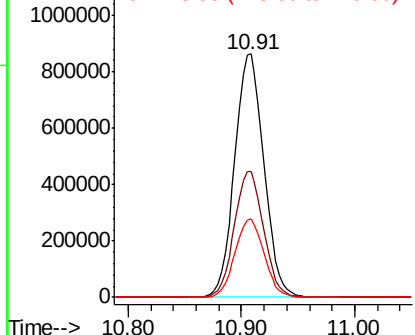
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057145.D
Acq: 9 Aug 2019 14:37

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 1558220
Ion Ratio Lower Upper
117 100
82 51.7 40.8 61.2
119 32.3 25.7 38.5

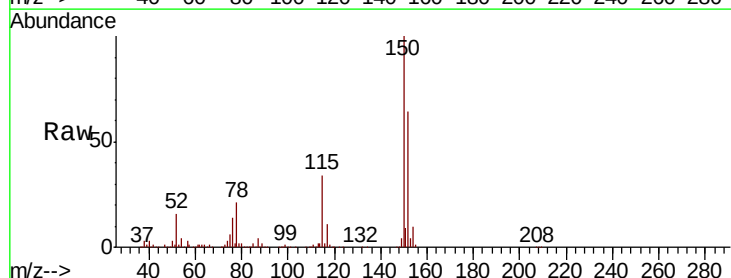


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057145.D
Acq: 9 Aug 2019 14:37

Tgt Ion:152 Resp: 372873
Ion Ratio Lower Upper
152 100
115 54.5 27.5 82.5
150 157.9 0.0 341.6



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

