

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054525.D
 Acq On : 21 Mar 2019 21:40
 Operator : JC/SP
 Sample : K1964-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-4

Quant Time: Mar 22 11:07:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	438039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	810884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	851144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	330113	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	305929	56.15	ug/l	0.00
Spiked Amount			Recovery	=	112.30%	
35) Dibromofluoromethane	7.59	113	258163	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
50) Toluene-d8	10.09	98	1043845	53.15	ug/l	0.00
Spiked Amount			Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.40	95	402022	60.16	ug/l	0.00
Spiked Amount			Recovery	=	120.32%	

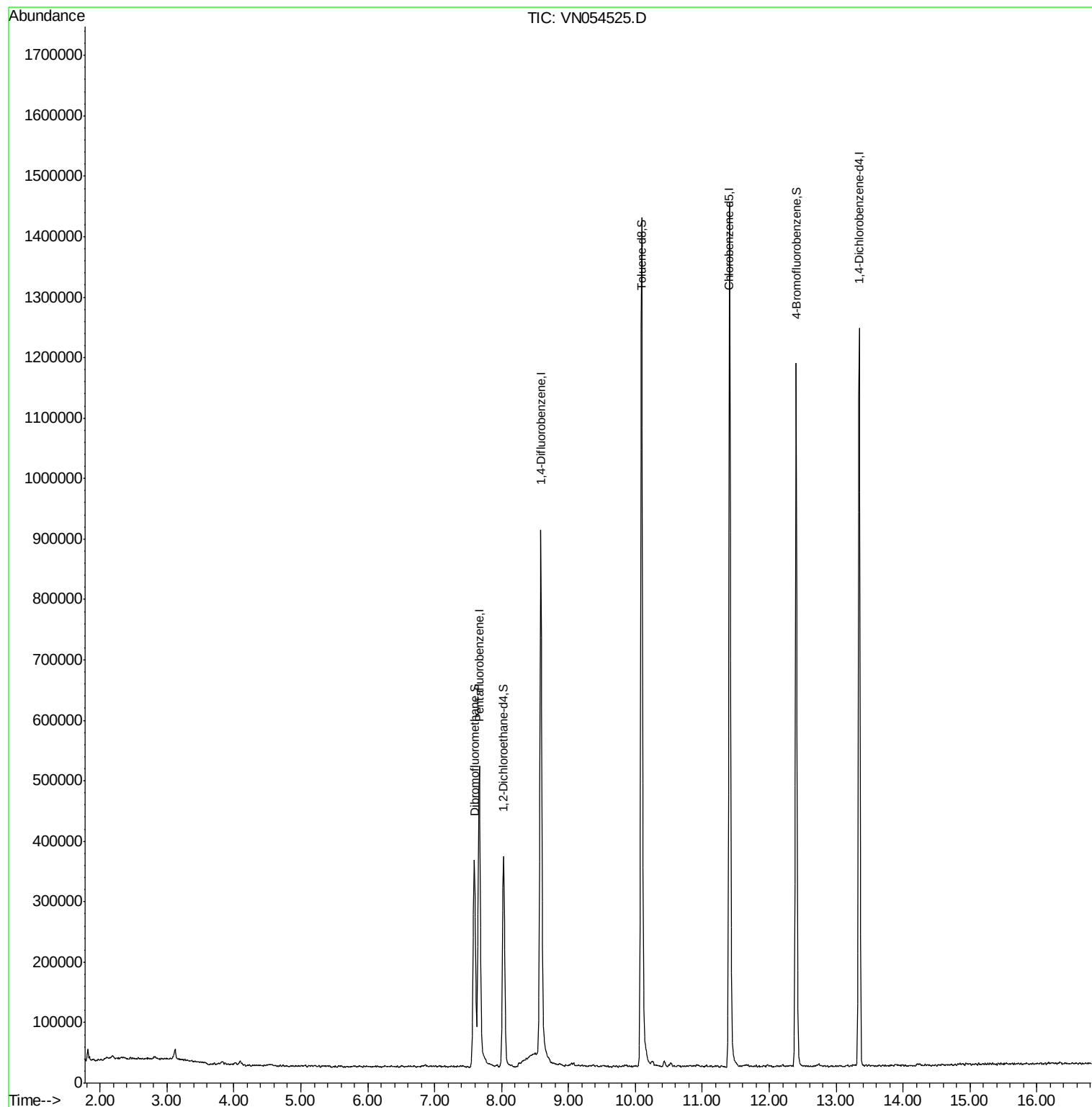
Target Compounds	Qvalue
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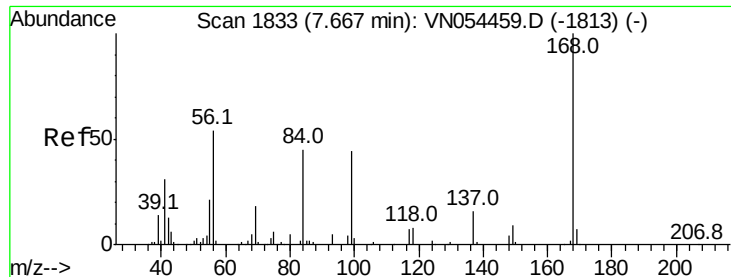
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054525.D

Acq: 21 Mar 2019 21:40

Instrument :

MSVOA_N

ClientSampled :

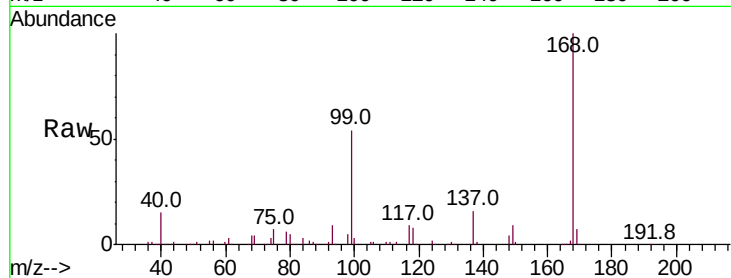
TW-4

Tot Ion:168 Resp: 438039

Ion Ratio Lower Upper

168 100

99 53.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

200000

150000

100000

50000

0

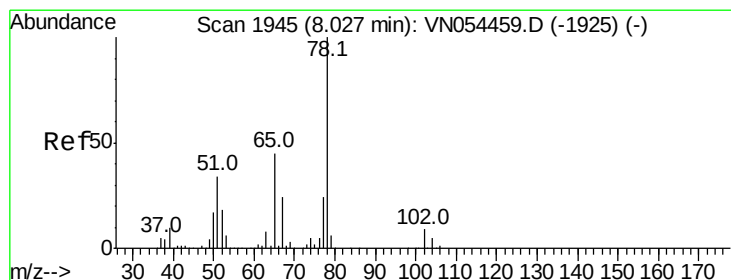
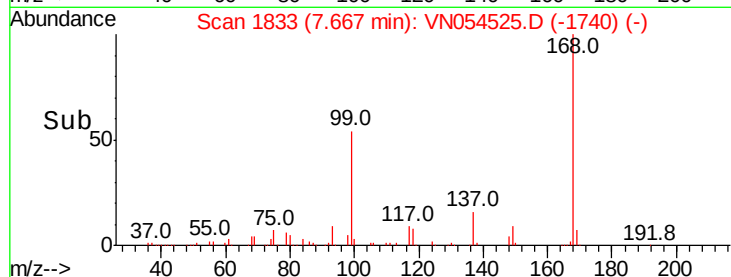
7.67

7.60

7.70

7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.149 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054525.D

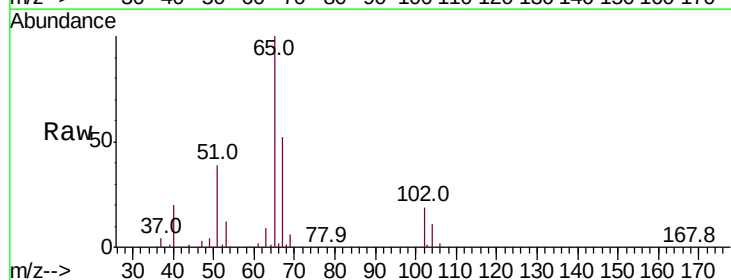
Acq: 21 Mar 2019 21:40

Tgt Ion: 65 Resp: 305929

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

150000

100000

50000

0

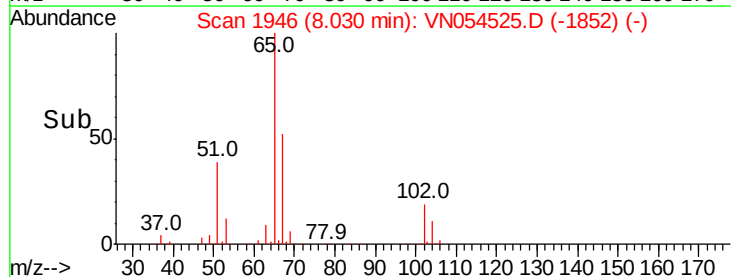
8.03

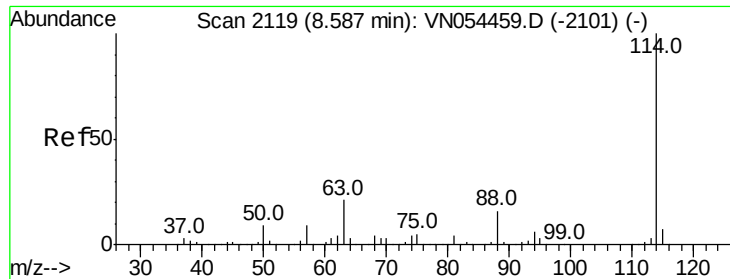
7.90

8.10

8.20

Time-->

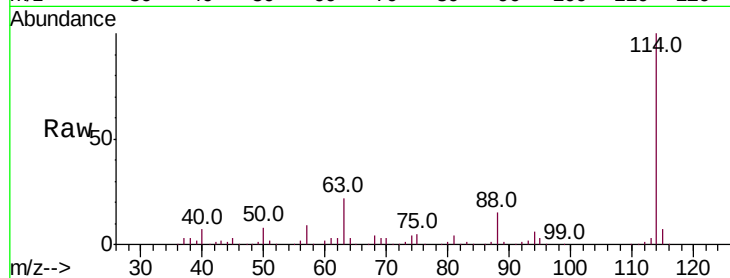




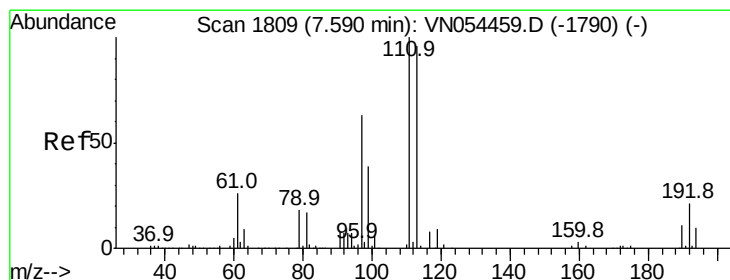
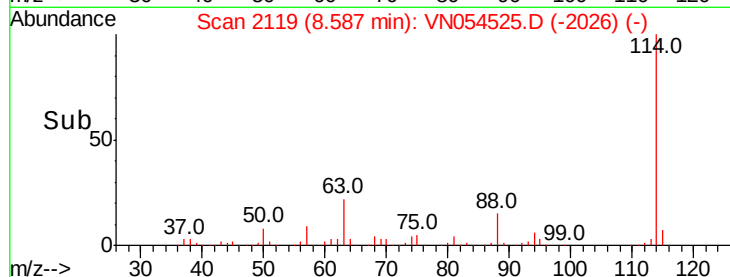
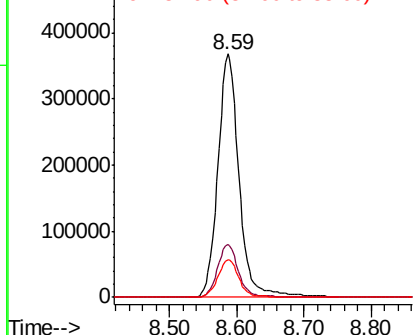
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054525.D
 Acq: 21 Mar 2019 21:40

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-4

Tot Ion:114 Resp: 810884
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 35.2
 88 15.4 0.0 30.2

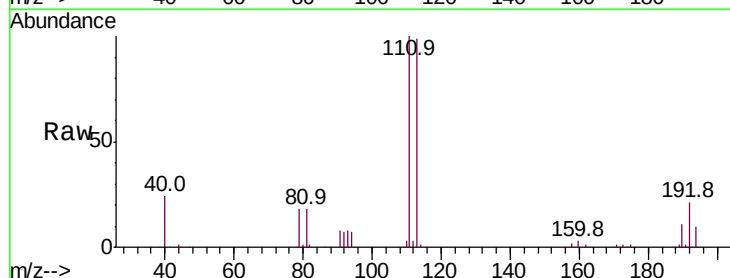


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

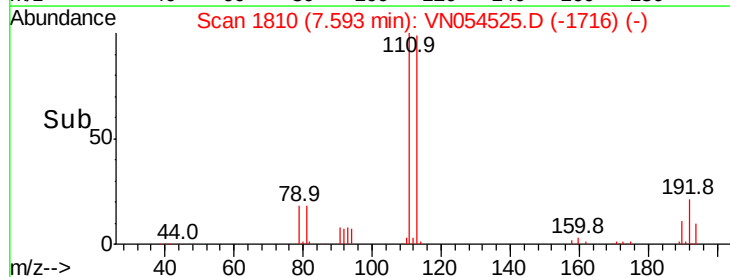
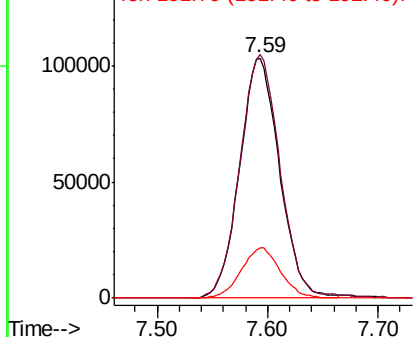


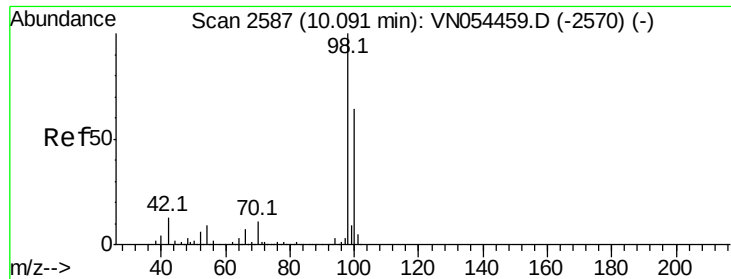
#35
 Dibromofluoromethane
 Concen: 49.418 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054525.D
 Acq: 21 Mar 2019 21:40

Tgt Ion:113 Resp: 258163
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 20.6 19.2 28.8



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

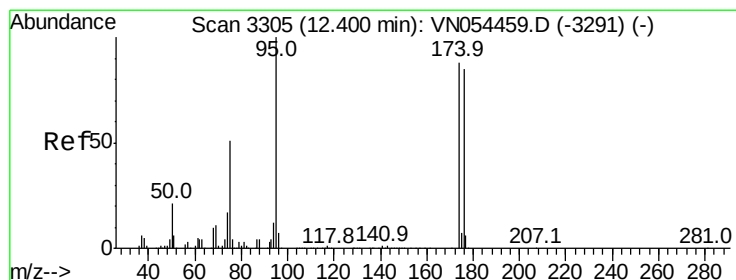
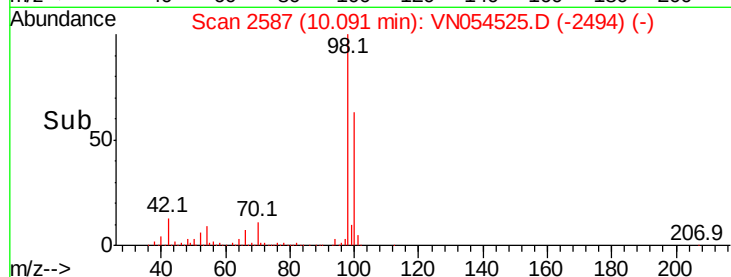
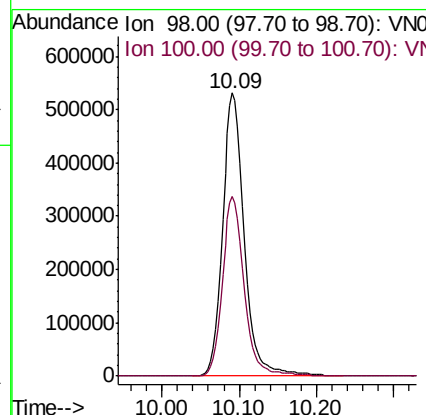
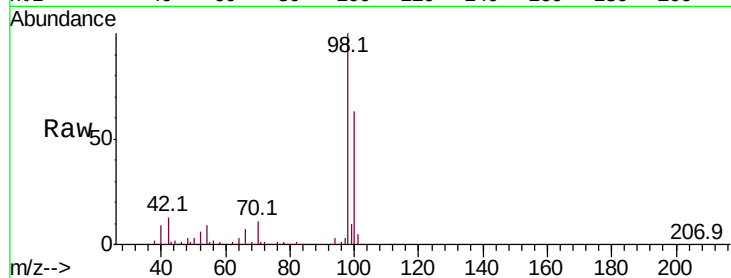




#50
Toluene-d8
Concen: 53.150 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054525.D
Acq: 21 Mar 2019 21:40

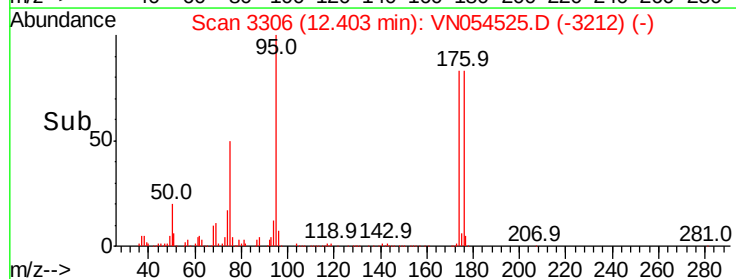
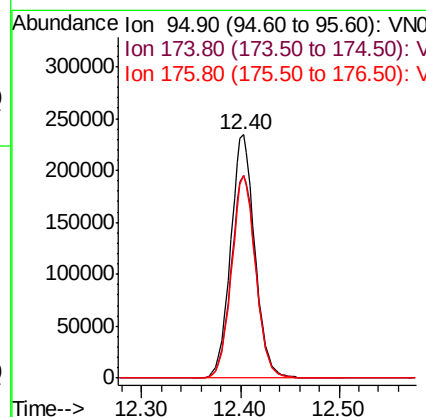
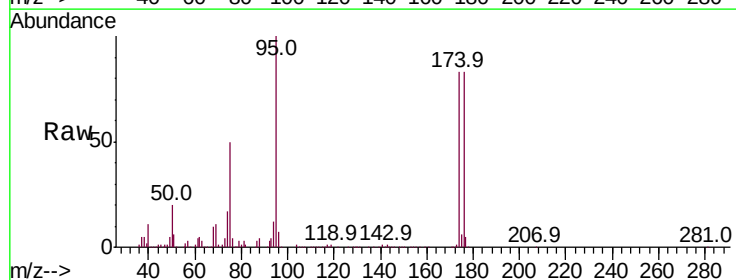
Instrument :
MSVOA_N
ClientSampled :
TW-4

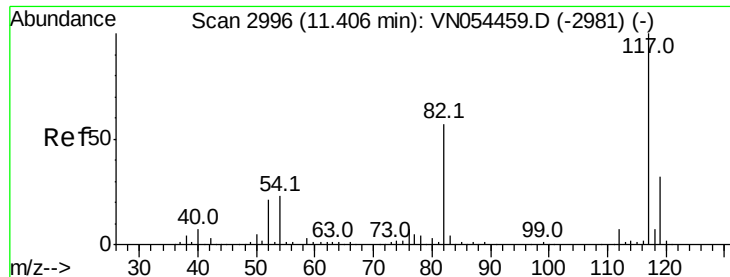
Tot Ion: 98 Resp: 1043845
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 60.156 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054525.D
Acq: 21 Mar 2019 21:40

Tgt Ion: 95 Resp: 402022
Ion Ratio Lower Upper
95 100
174 84.5 0.0 191.0
176 82.3 0.0 187.4

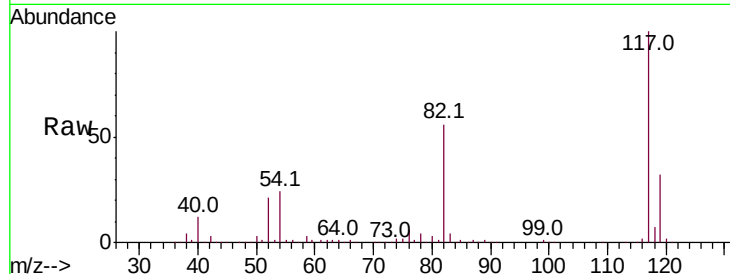




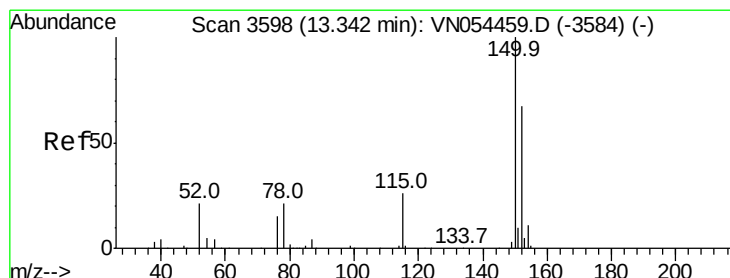
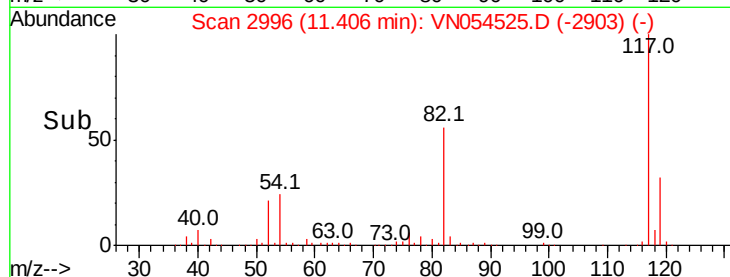
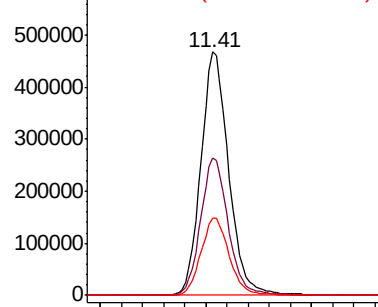
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054525.D
Acq: 21 Mar 2019 21:40

Instrument :
MSVOA_N
ClientSampleId :
TW-4

Tot Ion:117 Resp: 851144
Ion Ratio Lower Upper
117 100
82 56.4 40.0 60.0
119 31.7 25.8 38.6

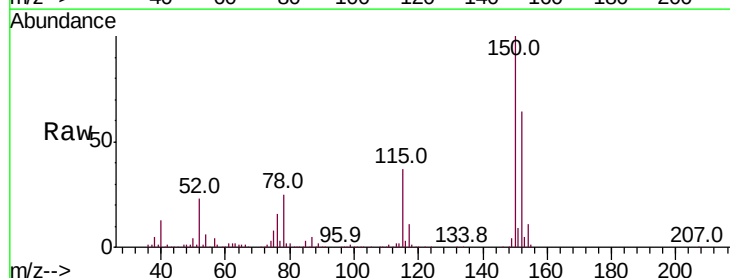


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054525.D
Acq: 21 Mar 2019 21:40

Tgt Ion:152 Resp: 330113
Ion Ratio Lower Upper
152 100
115 58.0 27.2 81.6
150 157.4 0.0 349.2



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

