

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042419\
 Data File : VX009135.D
 Acq On : 24 Apr 2019 11:05
 Operator : JC/SP
 Sample : VX0424MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424MBL01

Quant Time: Apr 25 05:38:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	213340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	349098	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118175	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	143975	47.89	ug/l	0.00
Spiked Amount						
			Recovery	=	95.78%	
35) Dibromofluoromethane	5.49	113	105638	47.15	ug/l	0.00
Spiked Amount						
			Recovery	=	94.30%	
50) Toluene-d8	8.71	98	421551	47.18	ug/l	0.00
Spiked Amount						
			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.13	95	133216	42.24	ug/l	0.00
Spiked Amount						
			Recovery	=	84.48%	

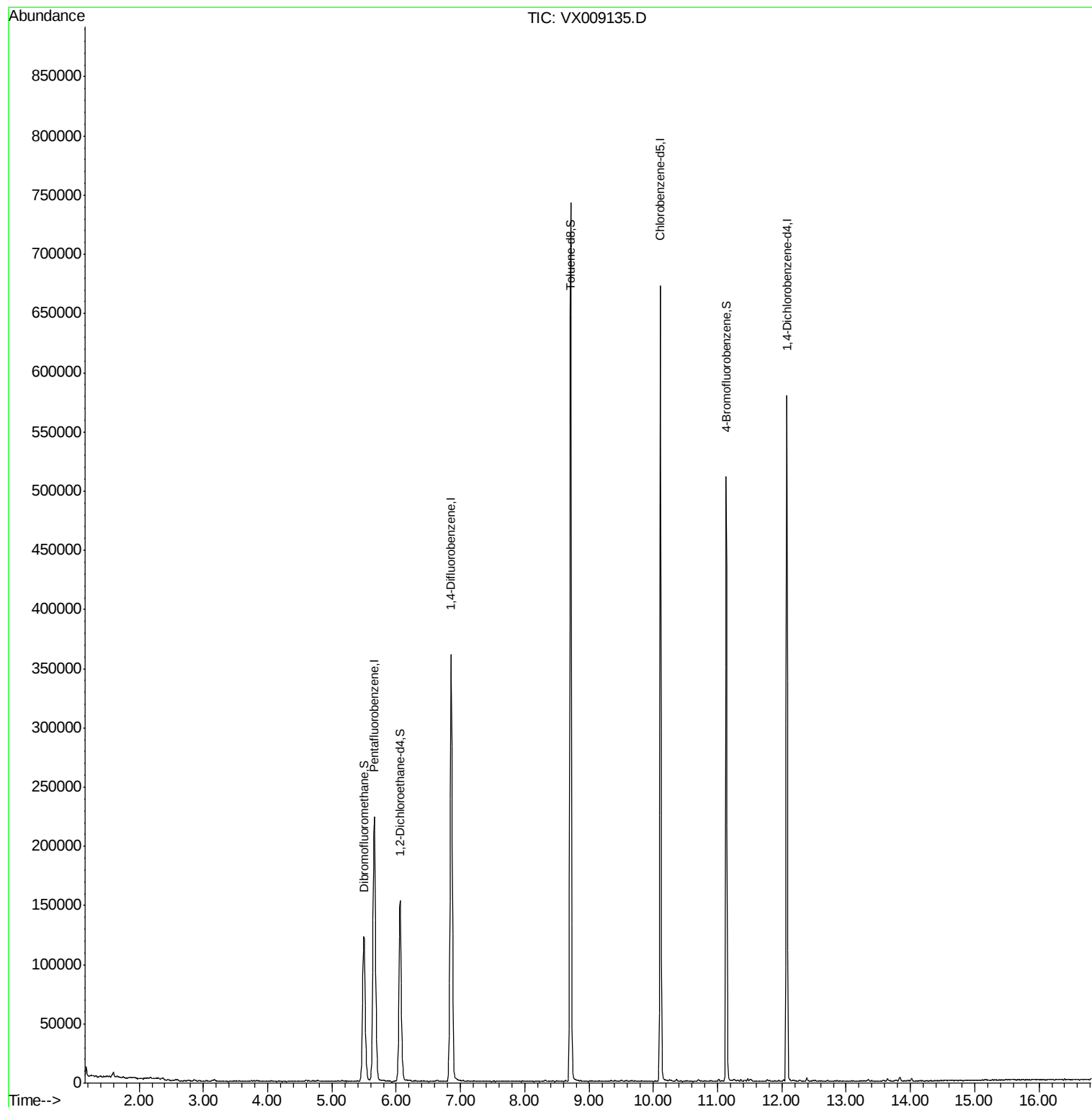
Target Compounds	Qvalue
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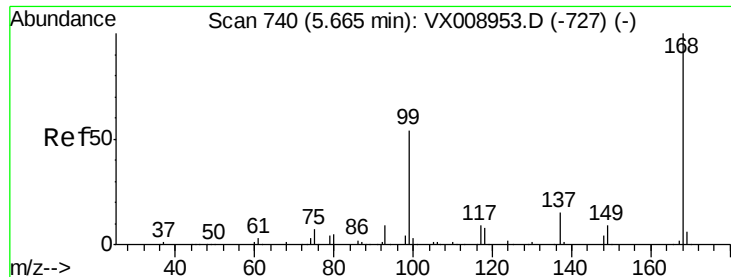
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009135.D

Acq: 24 Apr 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

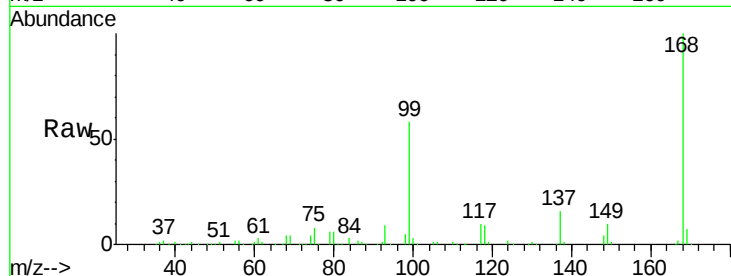
VX0424MBL01

Tot Ion:168 Resp: 213340

Ion Ratio Lower Upper

168 100

99 57.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

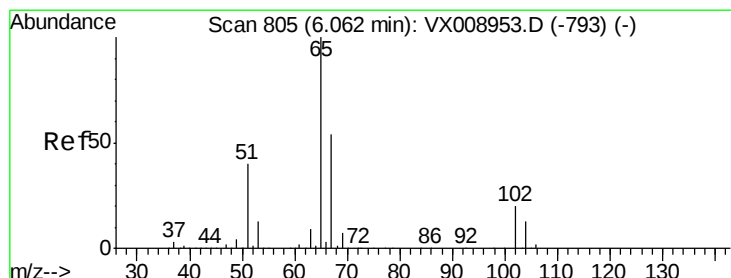
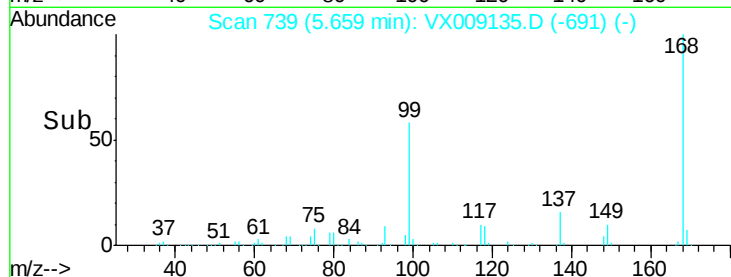
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.887 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009135.D

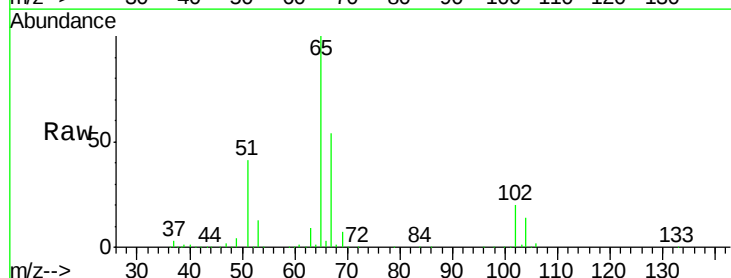
Acq: 24 Apr 2019 11:05

Tgt Ion: 65 Resp: 143975

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

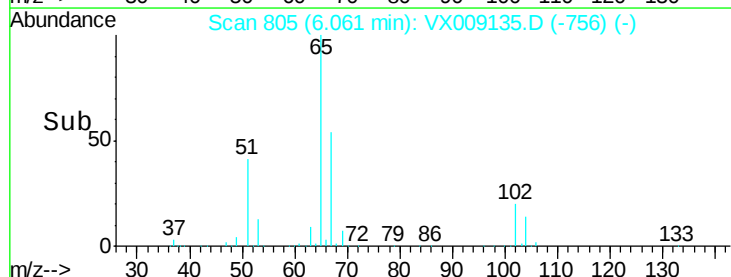
30000

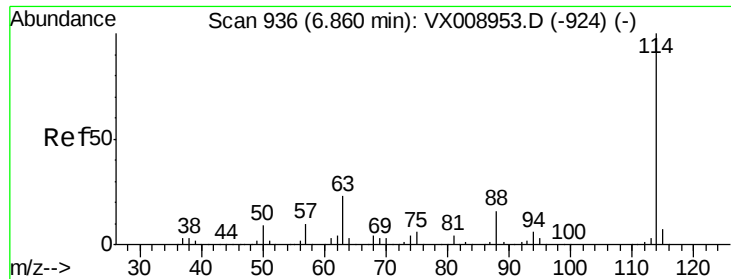
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

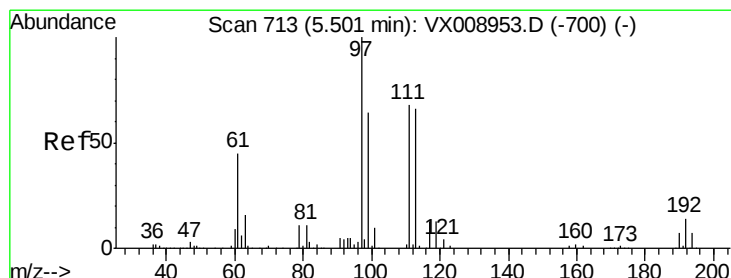
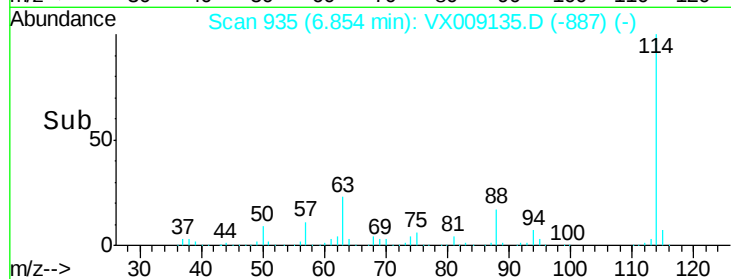
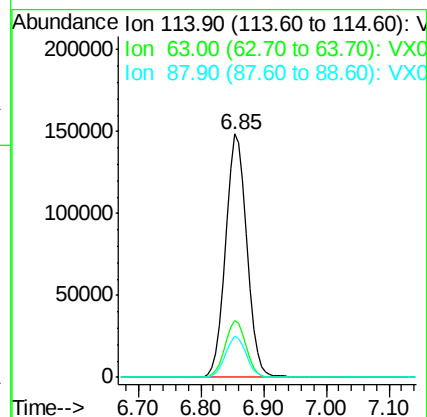
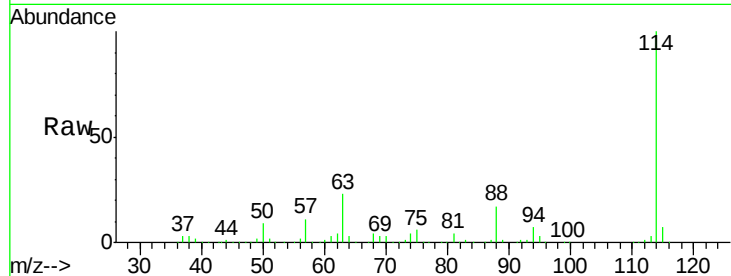




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009135.D
 Acq: 24 Apr 2019 11:05

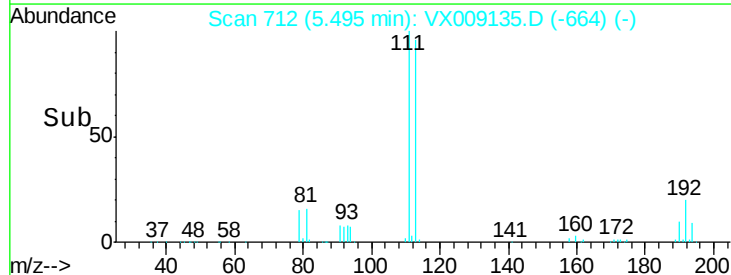
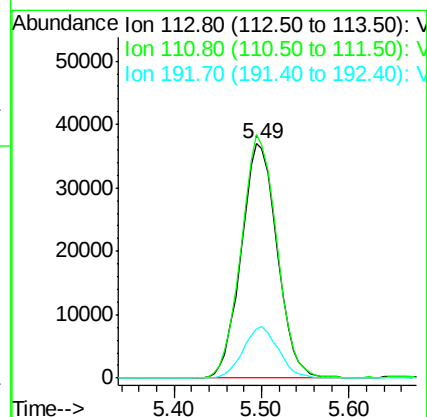
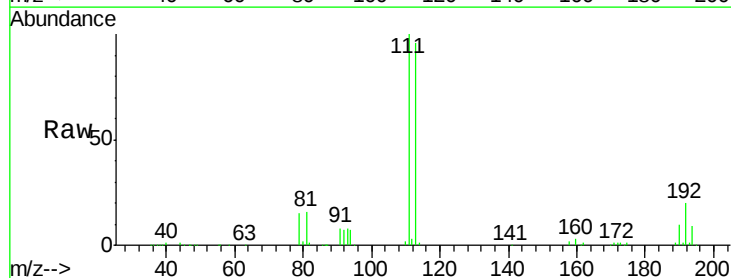
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424MBL01

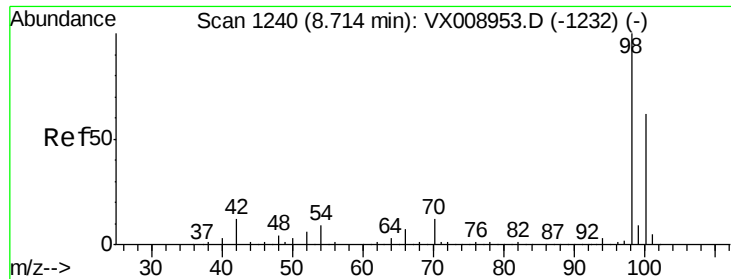
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	46.0
88	17.2	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 47.151 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX009135.D
 Acq: 24 Apr 2019 11:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	21.4	17.4	26.0





#50

Toluene-d8

Concen: 47.180 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009135.D

Acq: 24 Apr 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

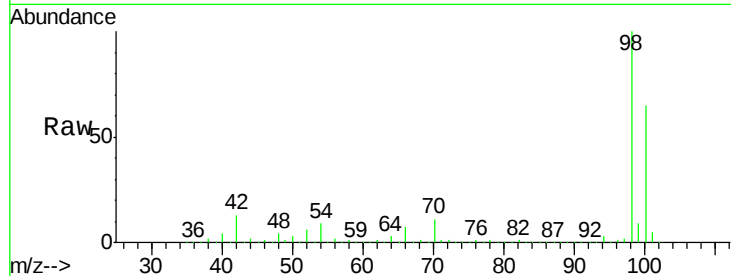
VX0424MBL01

Tot Ion: 98 Resp: 421551

Ion Ratio Lower Upper

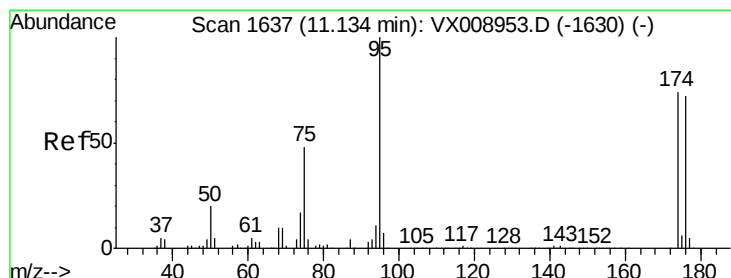
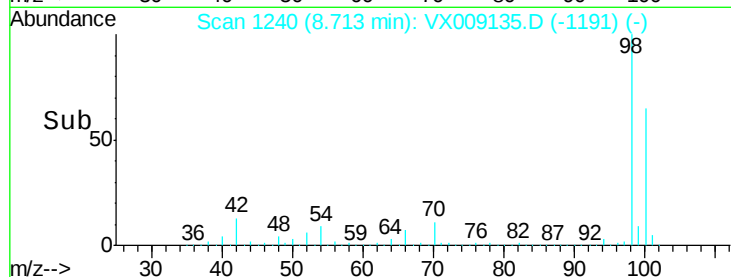
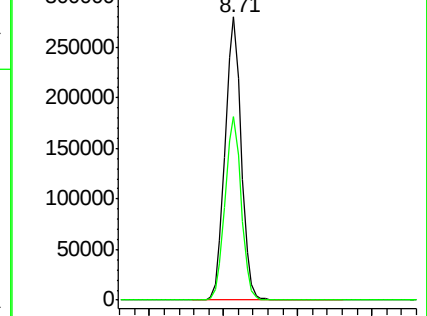
98 100

100 64.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.236 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009135.D

Acq: 24 Apr 2019 11:05

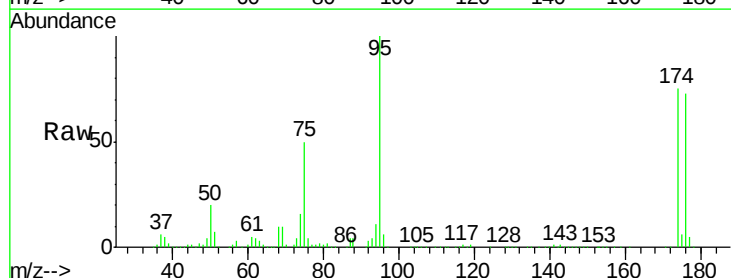
Tgt Ion: 95 Resp: 133216

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.6

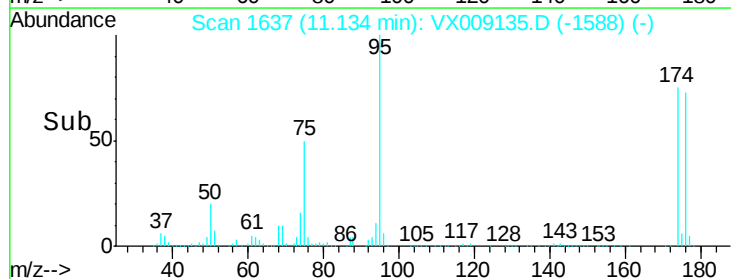
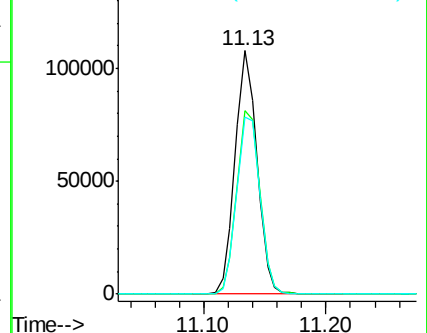
176 77.9 0.0 154.8

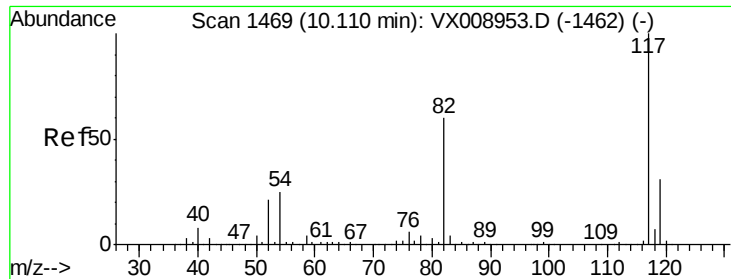


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

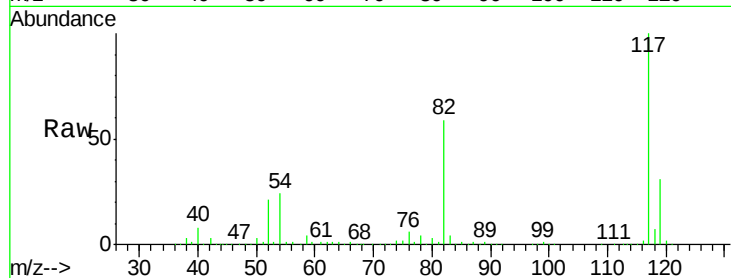




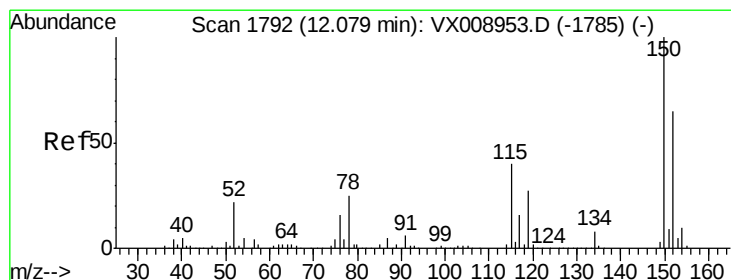
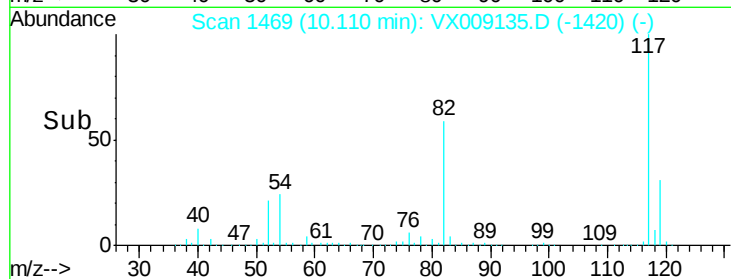
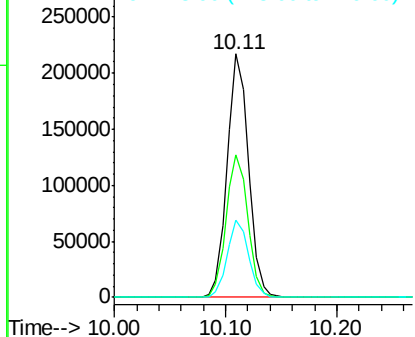
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009135.D
Acq: 24 Apr 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0424MBL01

Tot Ion:117 Resp: 288737
Ion Ratio Lower Upper
117 100
82 58.7 48.2 72.4
119 31.5 25.0 37.6

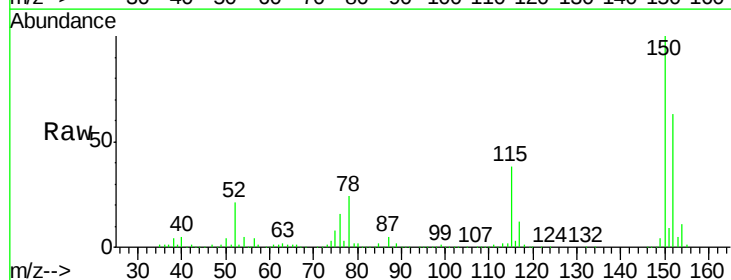


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009135.D
Acq: 24 Apr 2019 11:05

Tgt Ion:152 Resp: 118175
Ion Ratio Lower Upper
152 100
115 60.5 41.4 124.2
150 156.4 0.0 349.8



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

