

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042519\
 Data File : VX009165.D
 Acq On : 25 Apr 2019 16:19
 Operator : JC/SP
 Sample : K2566-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2019-2

Quant Time: Apr 26 05:48:24 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	210206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123657	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	139981	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
35) Dibromofluoromethane	5.50	113	102982	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
50) Toluene-d8	8.71	98	425140	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.13	95	138726	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	

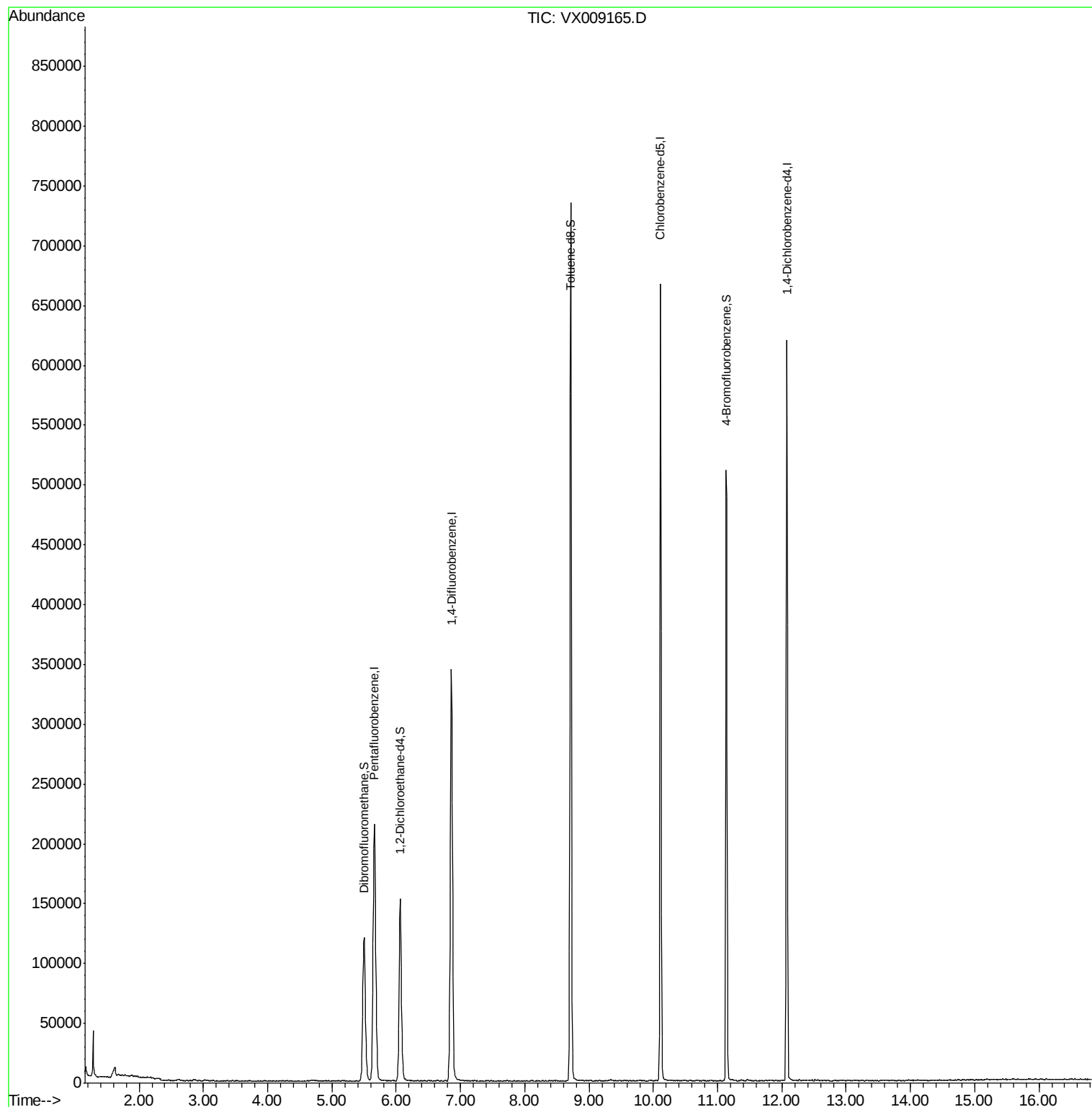
Target Compounds	Qvalue
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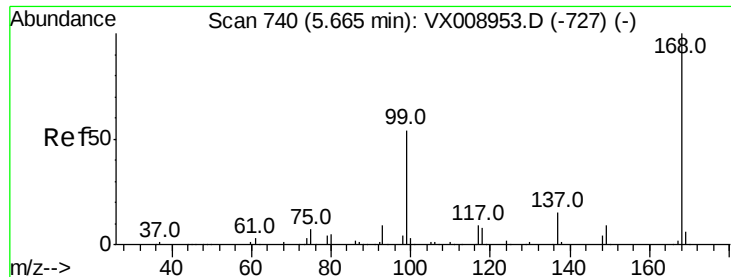
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009165.D

Acq: 25 Apr 2019 16:19

Instrument :

MSVOA_X

ClientSampleId :

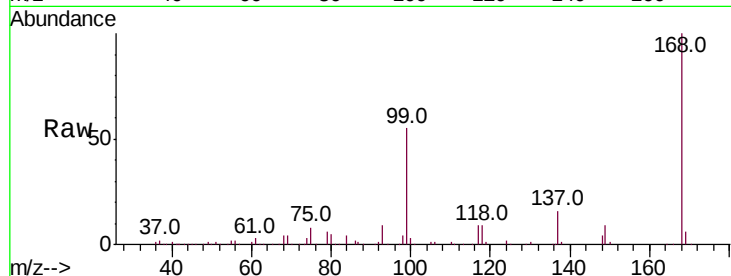
S37-TB-2019-2

Tot Ion:168 Resp: 210206

Ion Ratio Lower Upper

168 100

99 54.6 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

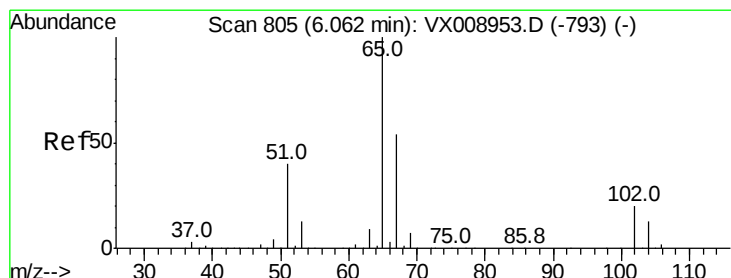
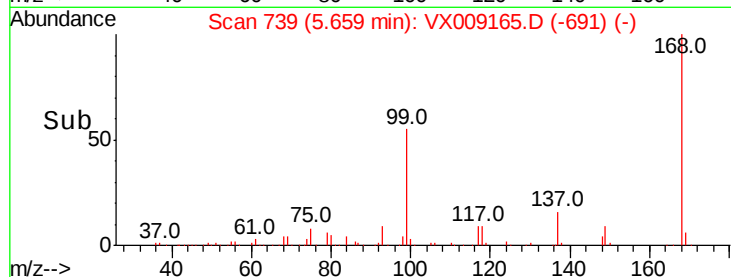
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.253 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009165.D

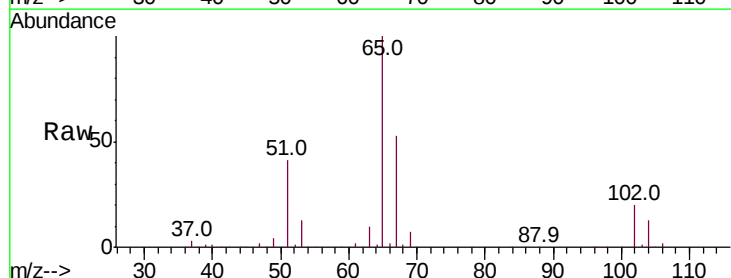
Acq: 25 Apr 2019 16:19

Tgt Ion: 65 Resp: 139981

Ion Ratio Lower Upper

65 100

67 54.4 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

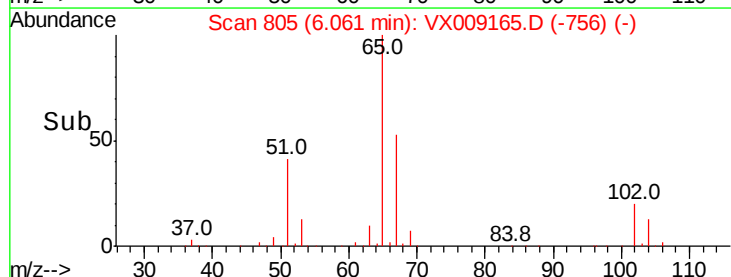
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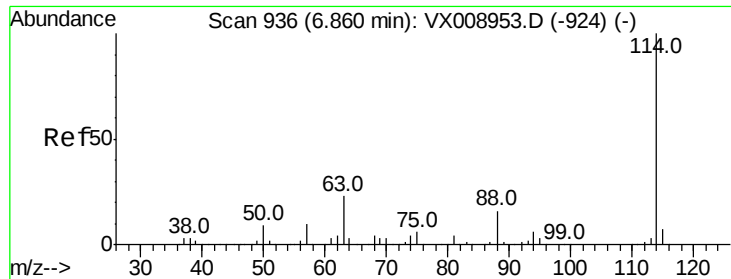
10000

0

Time-->

6.00 6.10 6.20

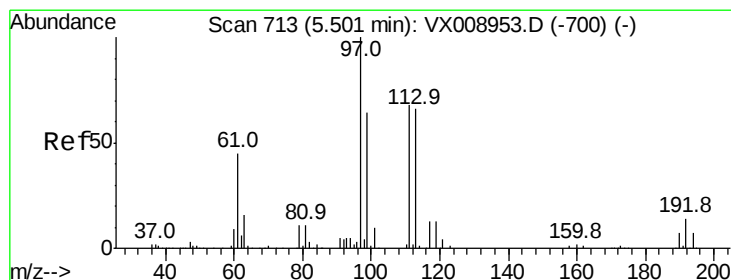
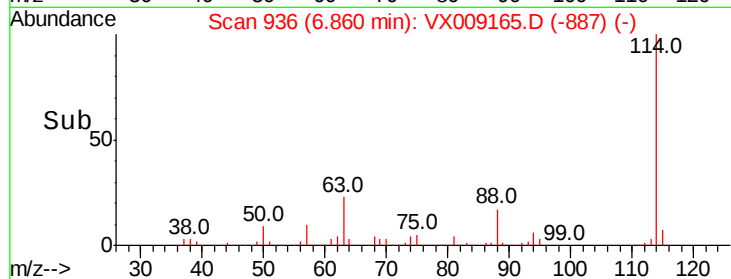
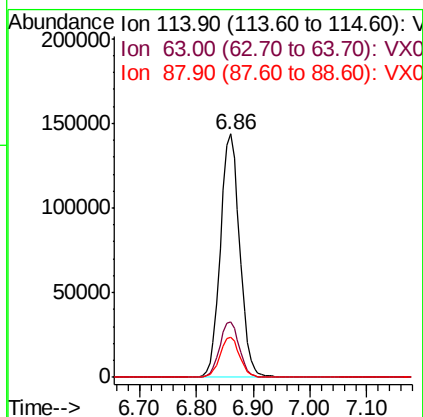
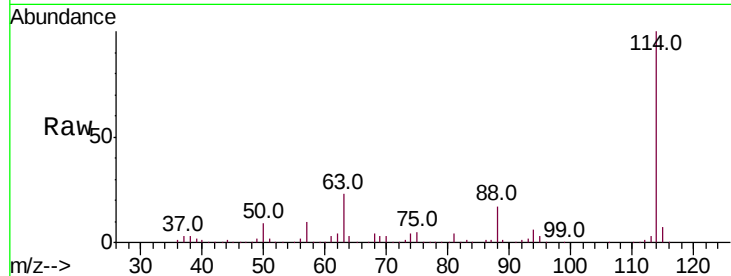




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009165.D
 Acq: 25 Apr 2019 16:19

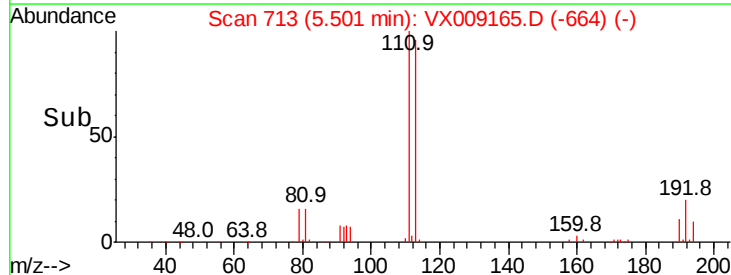
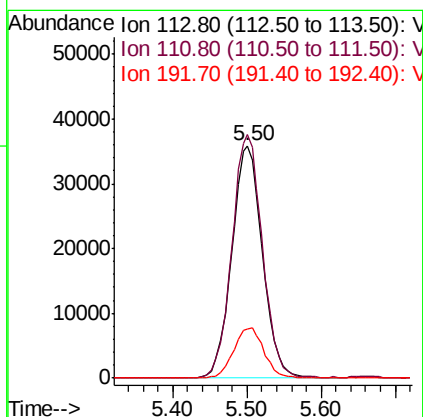
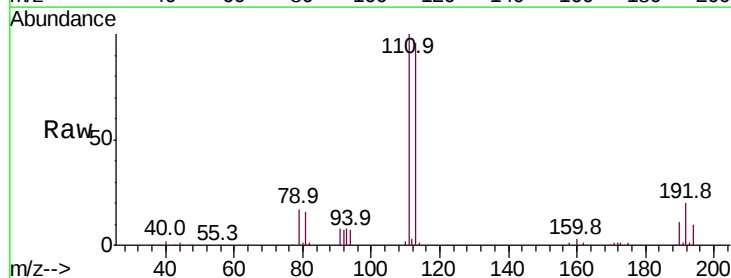
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-TB-2019-2

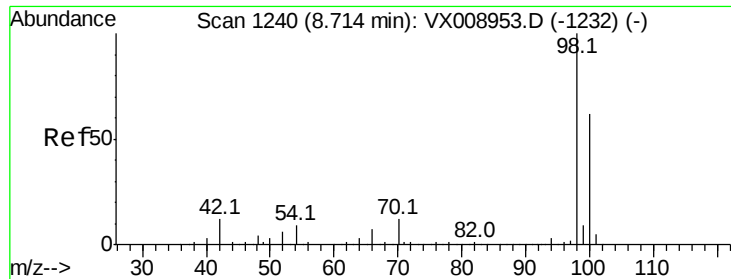
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.0
88	16.6	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 47.407 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009165.D
 Acq: 25 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.9	124.3
192	21.5	17.4	26.0





#50

Toluene-d8

Concen: 49.074 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009165.D

Acq: 25 Apr 2019 16:19

Instrument :

MSVOA_X

ClientSampleId :

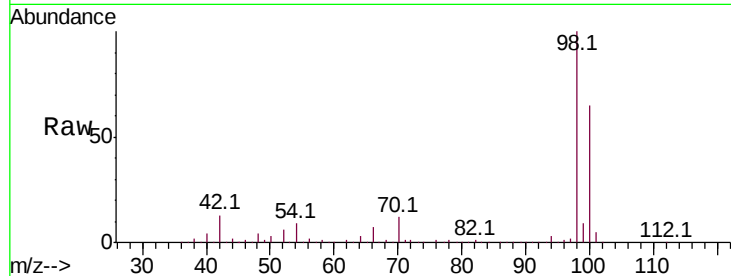
S37-TB-2019-2

Tot Ion: 98 Resp: 425140

Ion Ratio Lower Upper

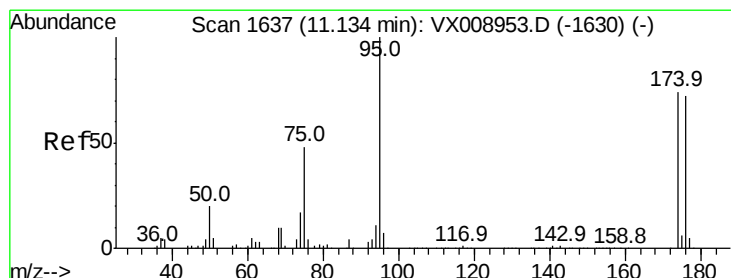
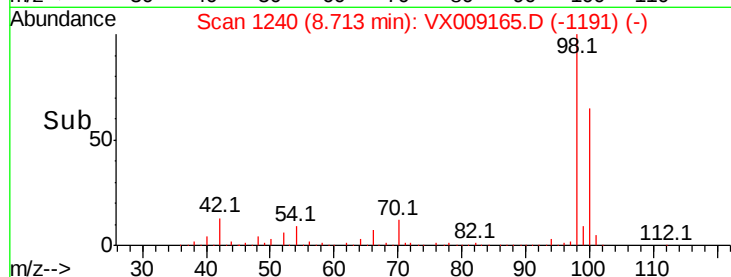
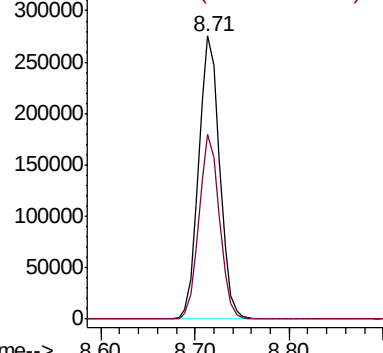
98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.363 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009165.D

Acq: 25 Apr 2019 16:19

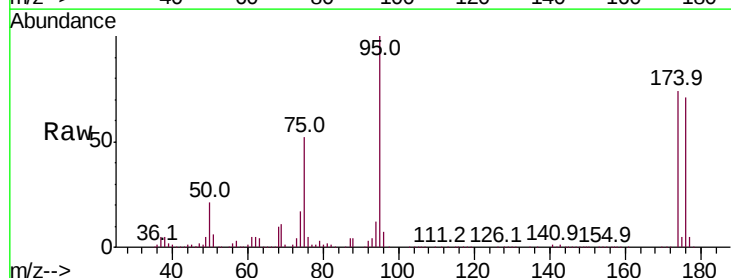
Tgt Ion: 95 Resp: 138726

Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.6

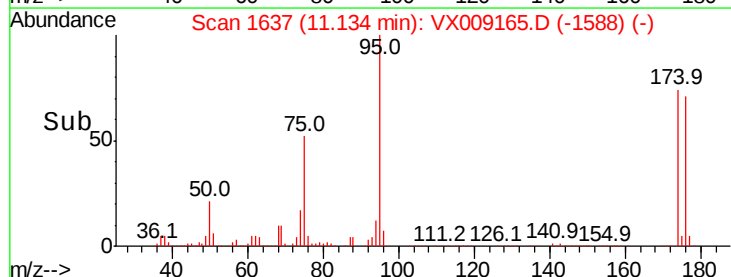
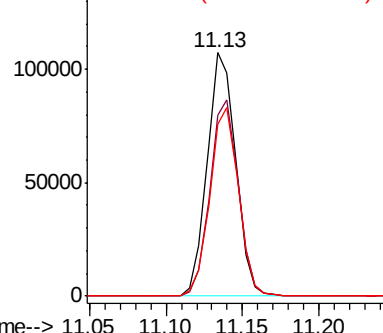
176 77.4 0.0 154.8

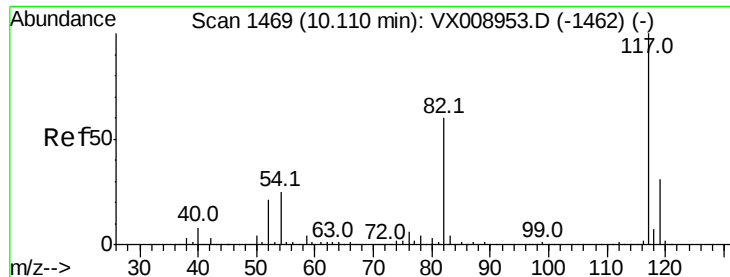


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

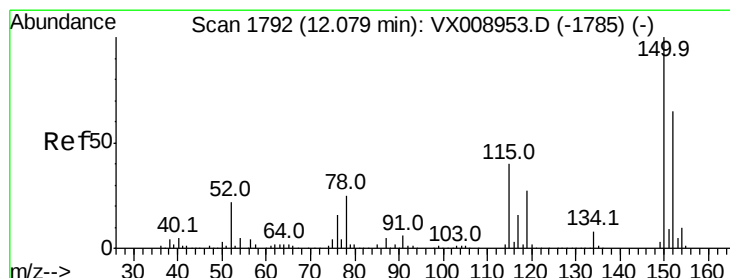
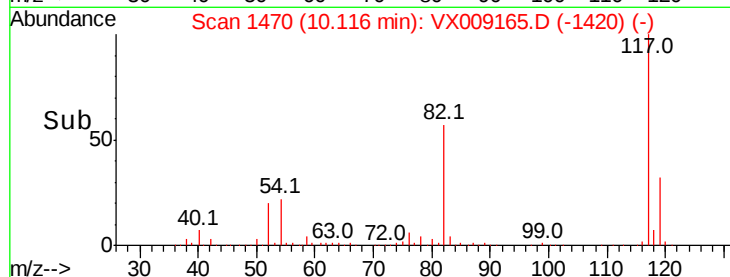
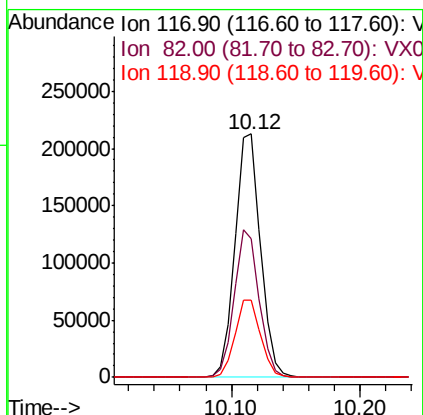
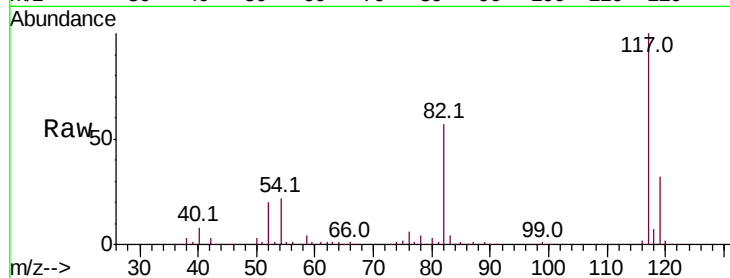




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009165.D
Acq: 25 Apr 2019 16:19

Instrument :
MSVOA_X
ClientSampleId :
S37-TB-2019-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	48.2	72.4
119	31.9	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009165.D
Acq: 25 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.4	124.2
150	157.2	0.0	349.8

