

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009925.D
 Acq On : 28 May 2019 19:17
 Operator : JC/SP
 Sample : K3038-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB01-190522

Quant Time: May 29 05:13:20 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	180308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107370	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	122186	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
35) Dibromofluoromethane	5.50	113	88813	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	8.71	98	370200	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	120860	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	

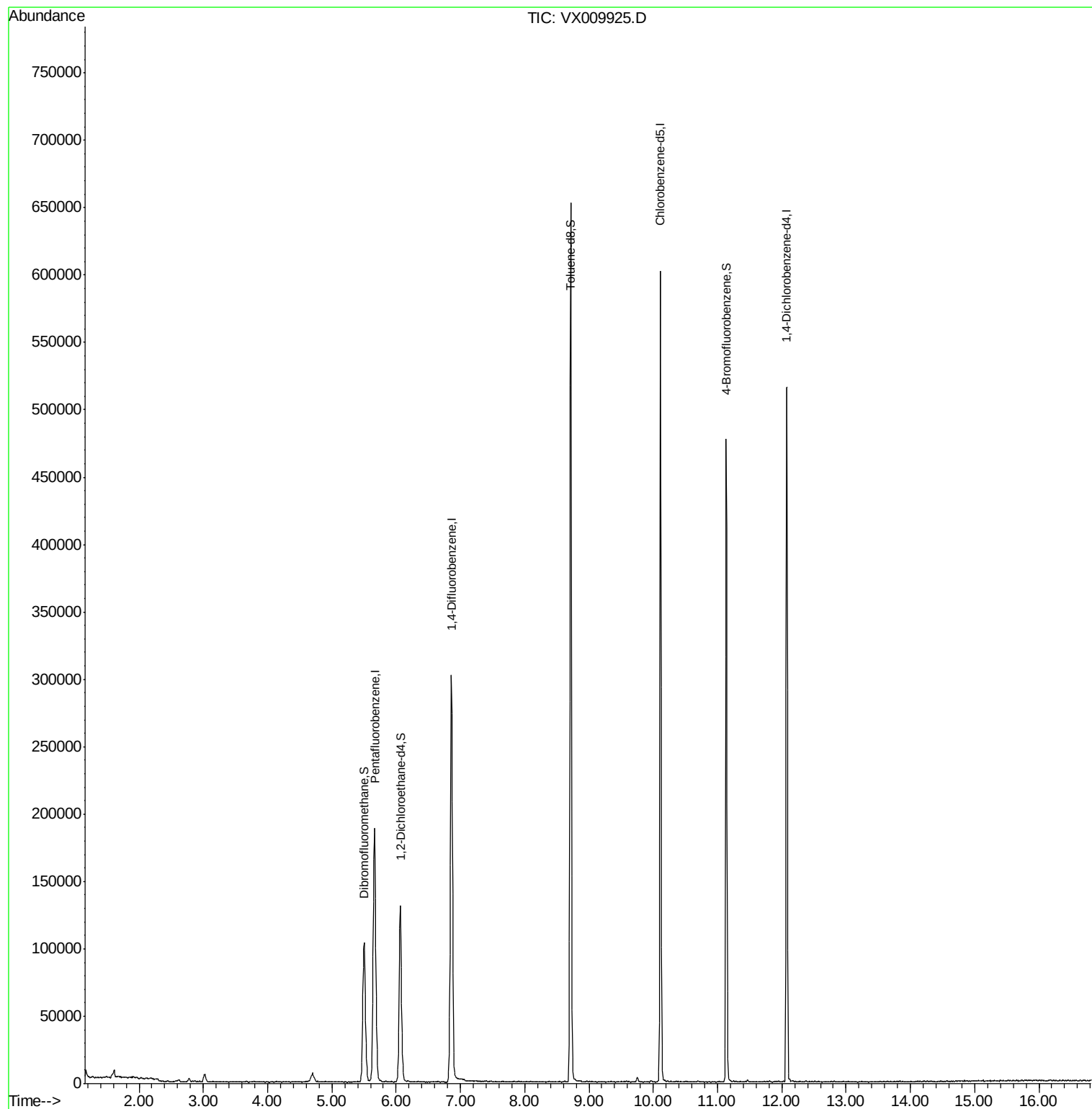
Target Compounds	Qvalue
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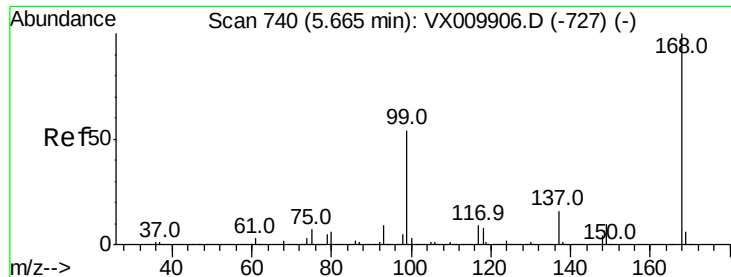
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009925.D

Acq: 28 May 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

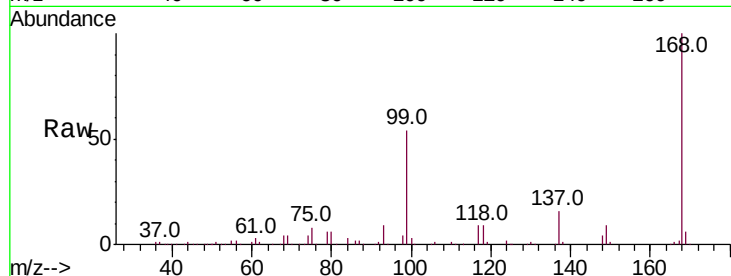
Z1-TB01-190522

Tot Ion:168 Resp: 180308

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

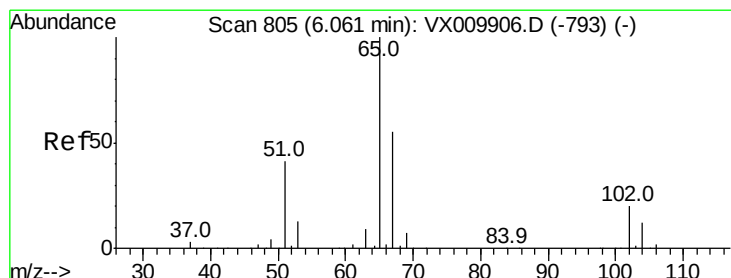
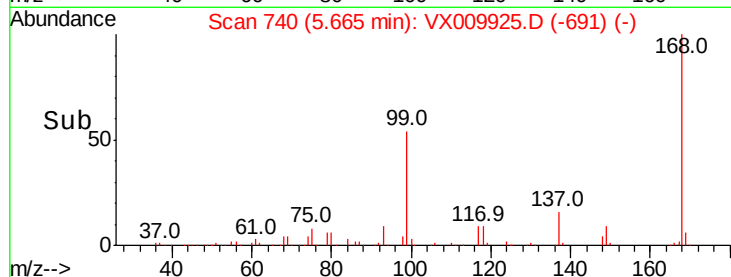
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.972 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009925.D

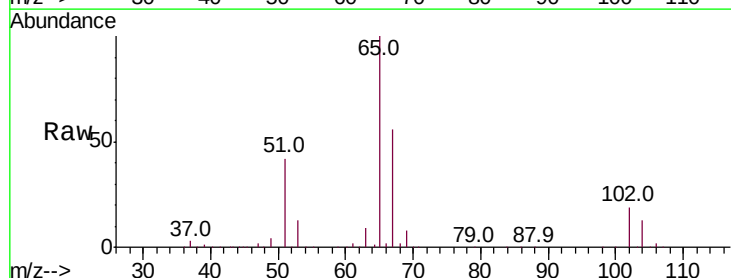
Acq: 28 May 2019 19:17

Tgt Ion: 65 Resp: 122186

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

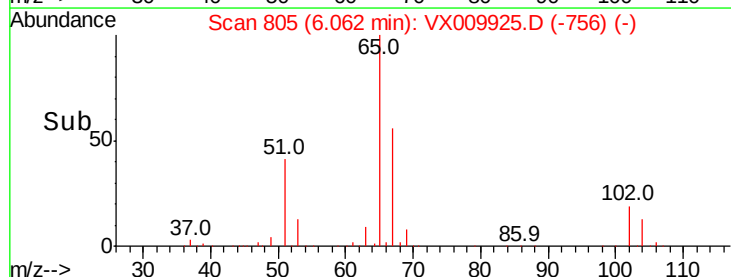
30000

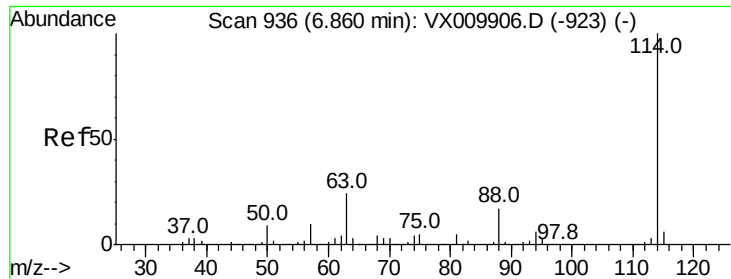
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

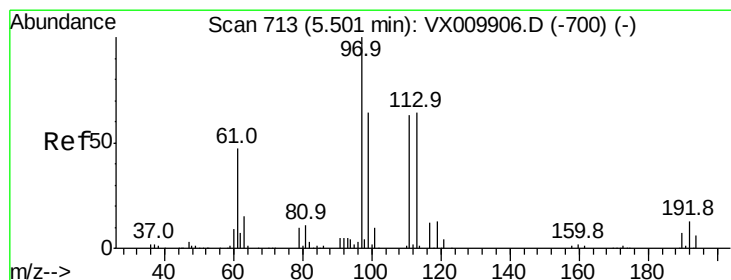
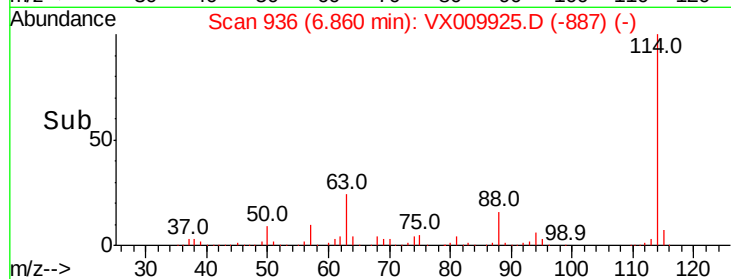
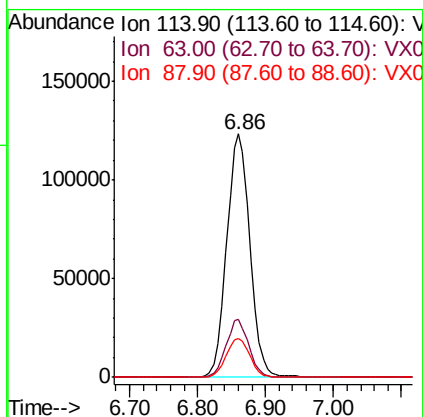
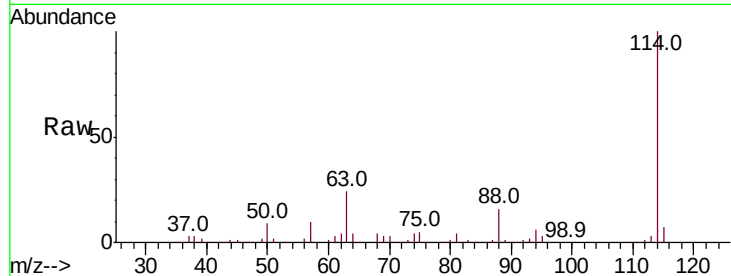




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009925.D
 Acq: 28 May 2019 19:17

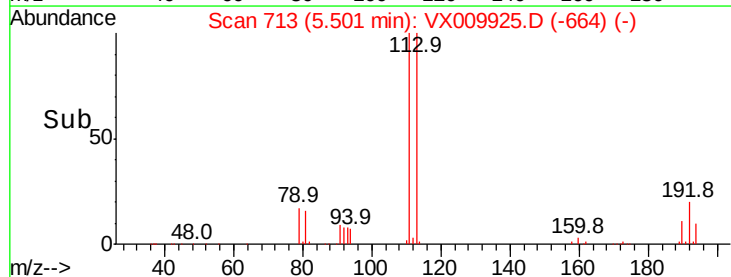
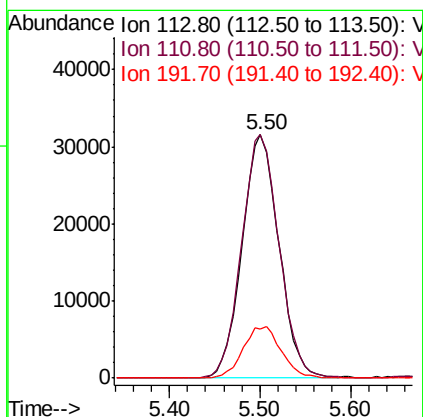
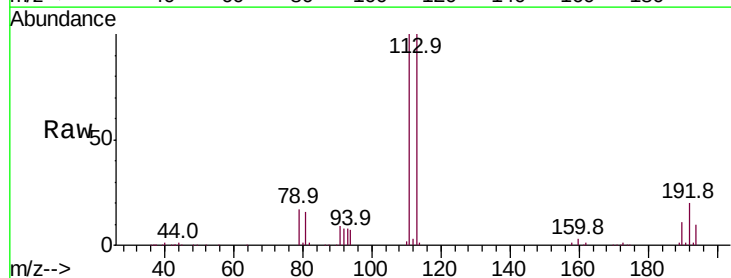
Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB01-190522

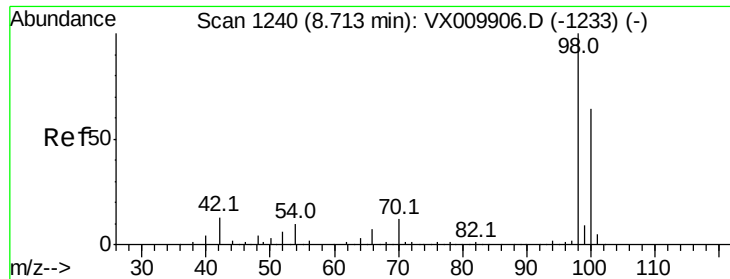
Tot Ion:	114	Resp:	290891
Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	47.4
88	16.2	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 48.562 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009925.D
 Acq: 28 May 2019 19:17

Tgt Ion:	113	Resp:	88813
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.2
192	21.9	17.1	25.7





#50

Toluene-d8

Concen: 49.848 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009925.D

Acq: 28 May 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

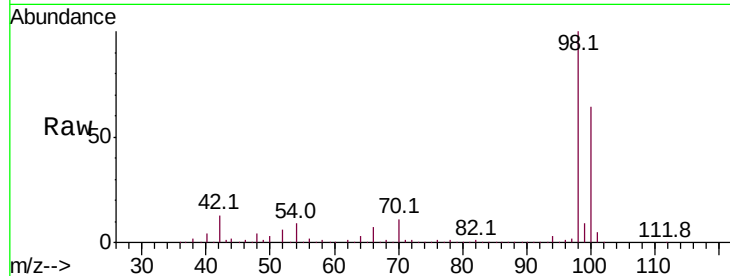
Z1-TB01-190522

Tot Ion: 98 Resp: 370200

Ion Ratio Lower Upper

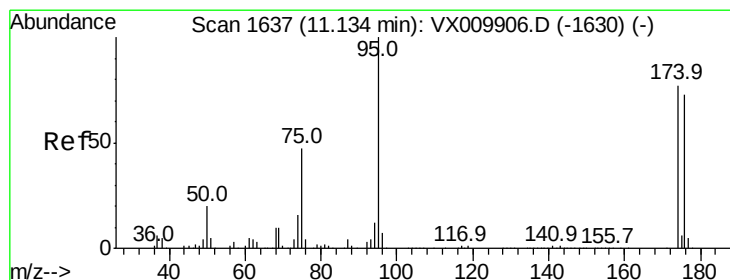
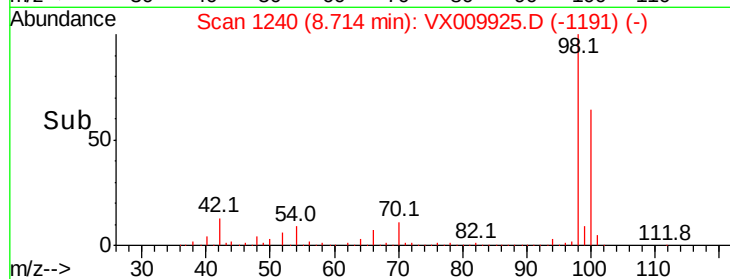
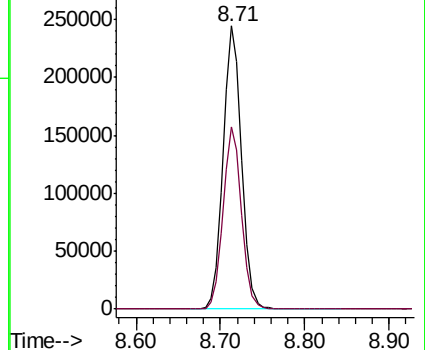
98 100

100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.309 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009925.D

Acq: 28 May 2019 19:17

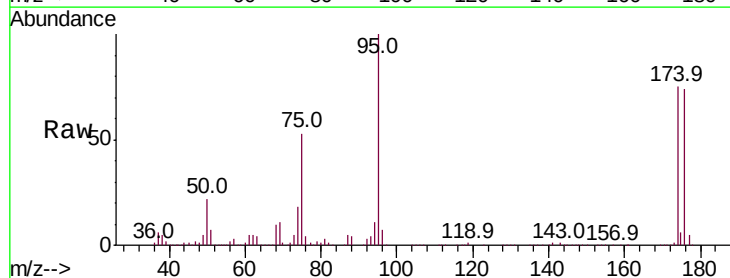
Tgt Ion: 95 Resp: 120860

Ion Ratio Lower Upper

95 100

174 80.7 0.0 160.4

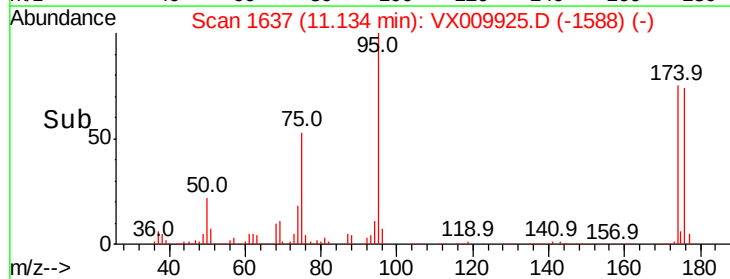
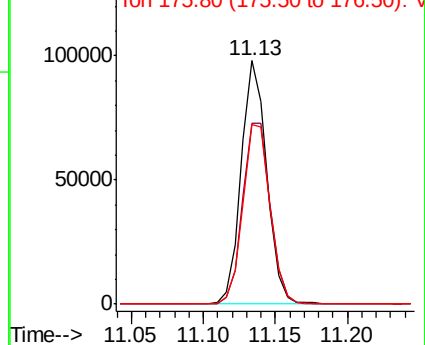
176 78.9 0.0 154.6

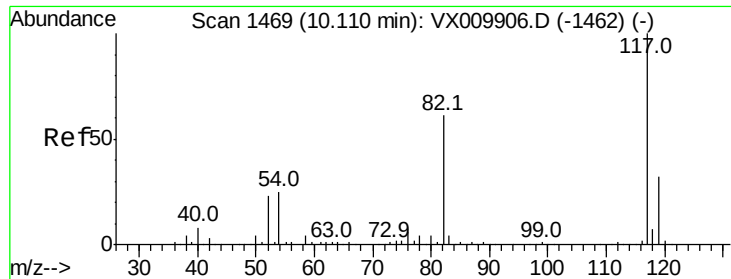


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

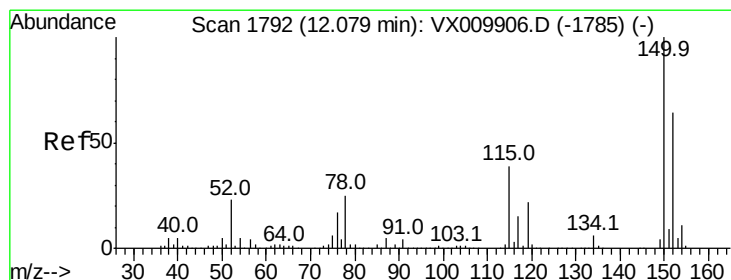
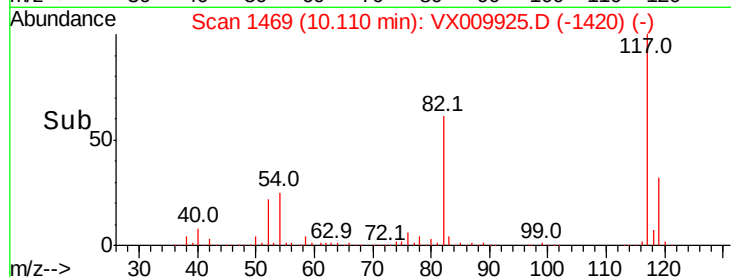
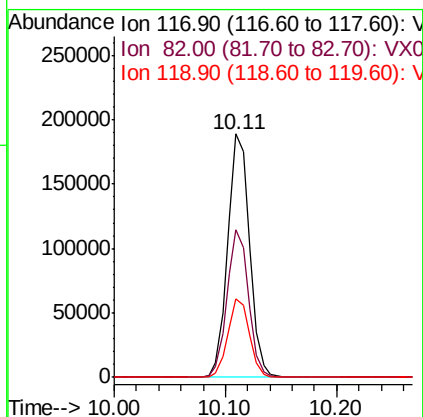
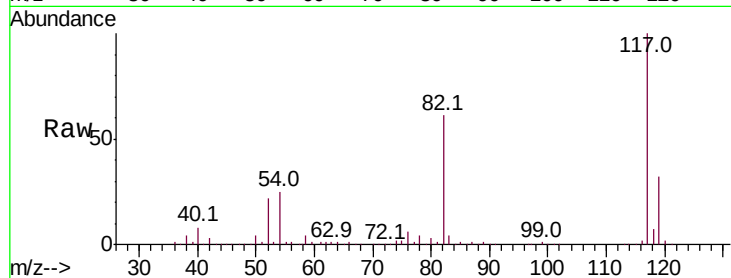




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009925.D
Acq: 28 May 2019 19:17

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB01-190522

Tot Ion:117 Resp: 256775
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009925.D
Acq: 28 May 2019 19:17

Tgt Ion:152 Resp: 107370
Ion Ratio Lower Upper
152 100
115 58.9 41.4 124.2
150 156.3 0.0 345.2

