

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009883.D
 Acq On : 24 May 2019 13:50
 Operator : JC/SP
 Sample : K3015-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-TB4

Quant Time: May 25 01:09:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112561	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	123982	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
35) Dibromofluoromethane	5.50	113	88028	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
50) Toluene-d8	8.71	98	367412	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	123283	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	

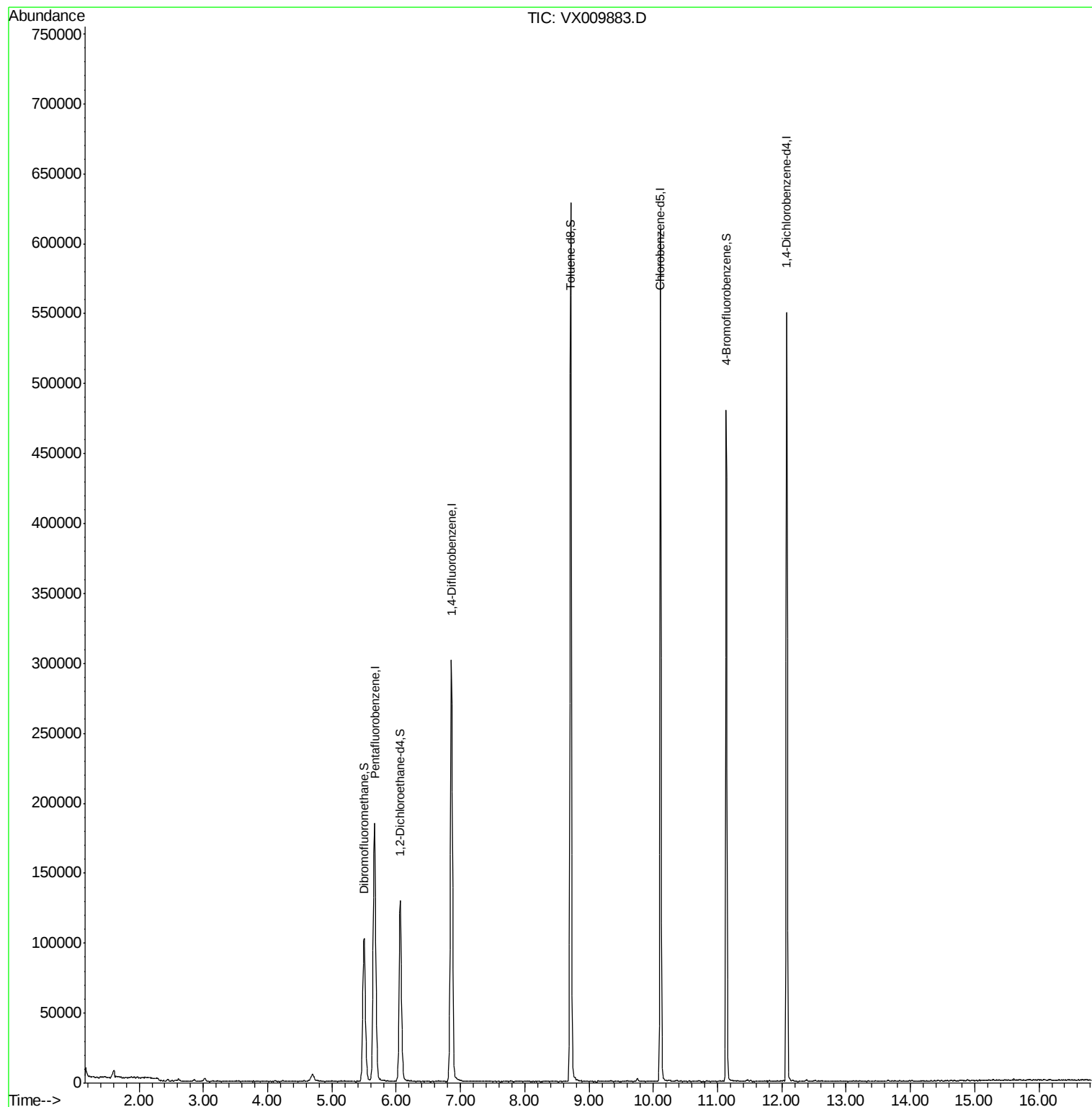
Target Compounds	Qvalue
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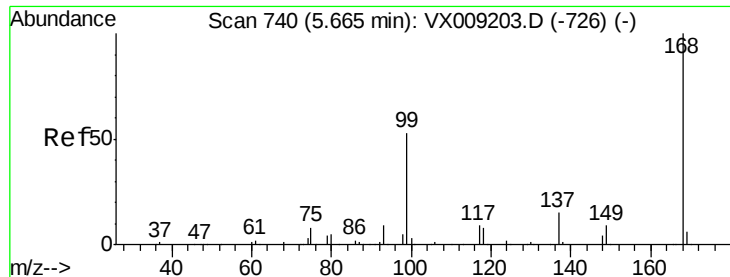
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009883.D

Acq: 24 May 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

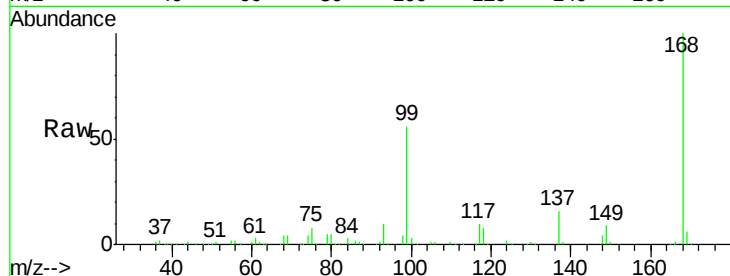
OUTFALL001-TB4

Tot Ion:168 Resp: 177916

Ion Ratio Lower Upper

168 100

99 56.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

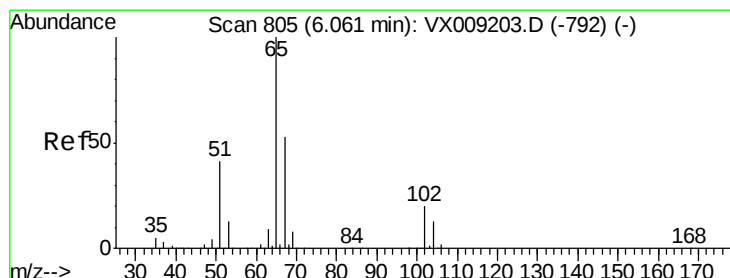
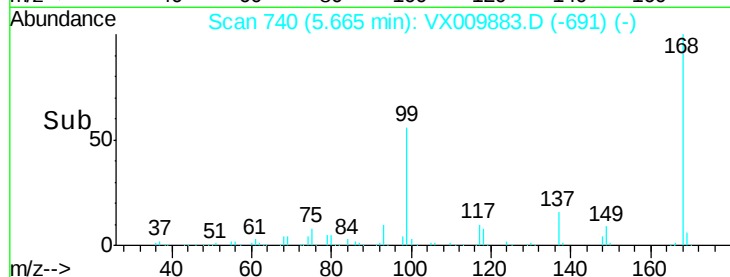
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.047 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009883.D

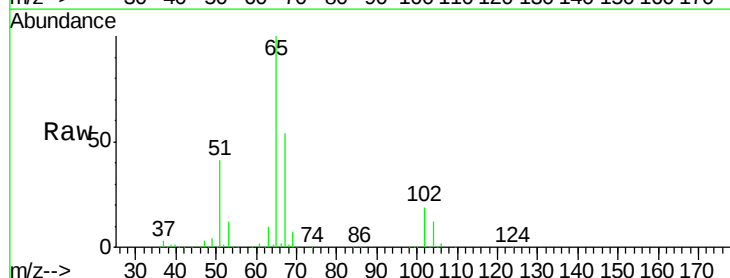
Acq: 24 May 2019 13:50

Tgt Ion: 65 Resp: 123982

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

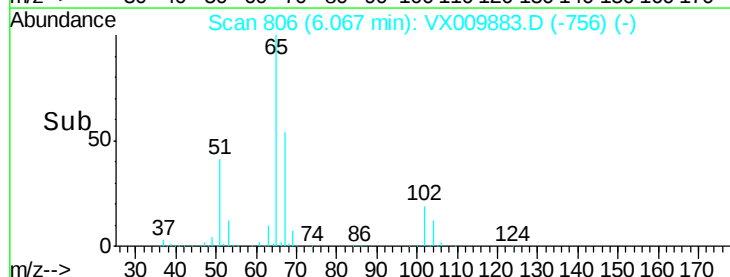
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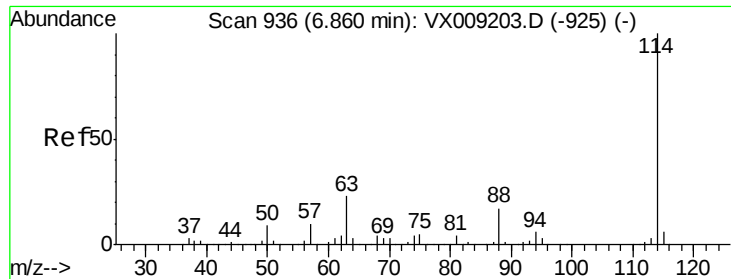
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

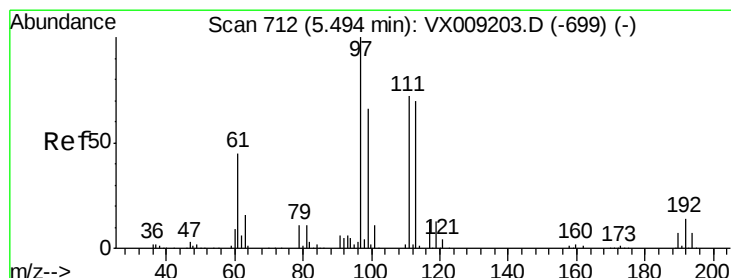
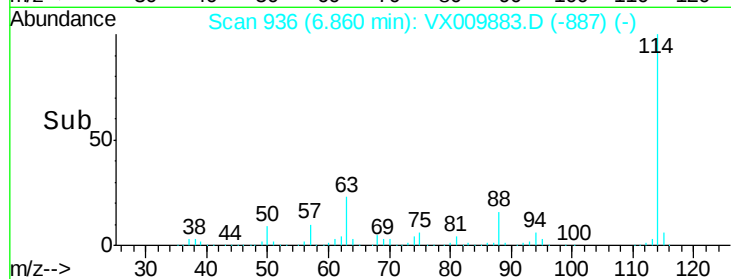
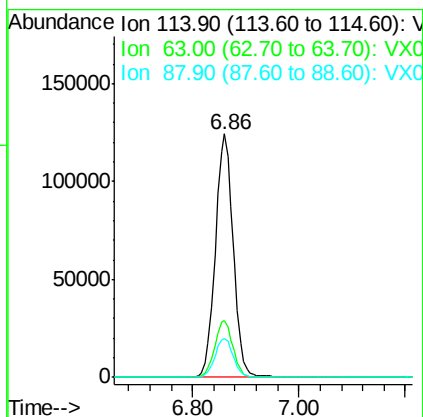
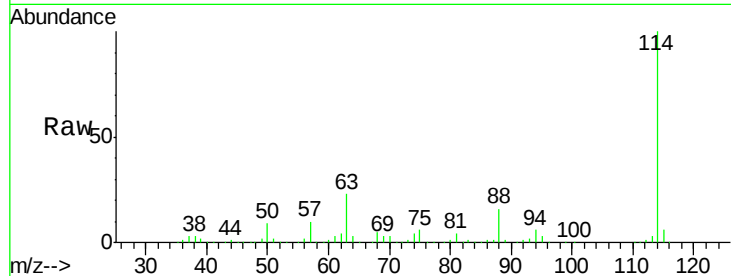




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009883.D
 Acq: 24 May 2019 13:50

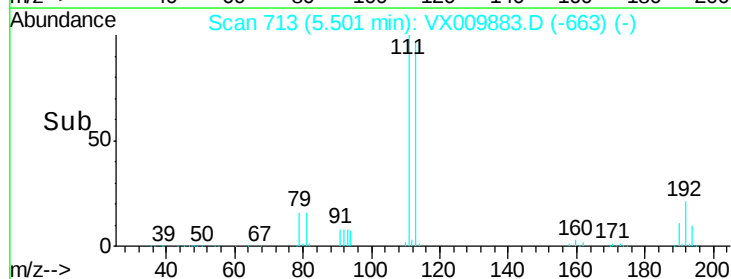
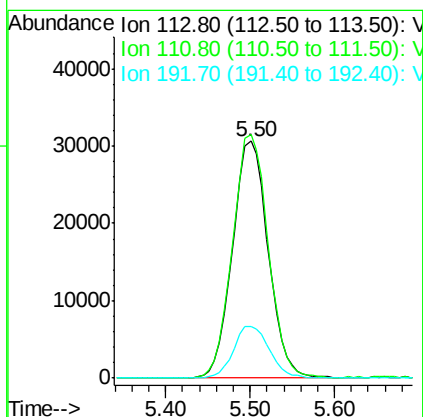
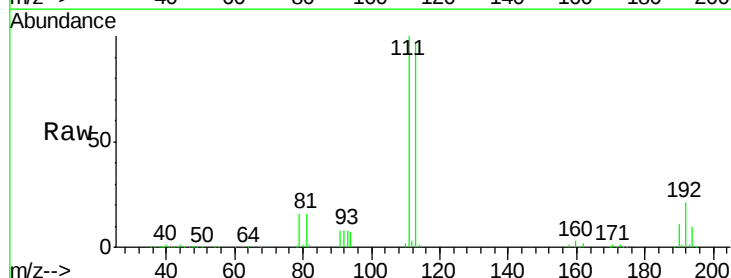
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-TB4

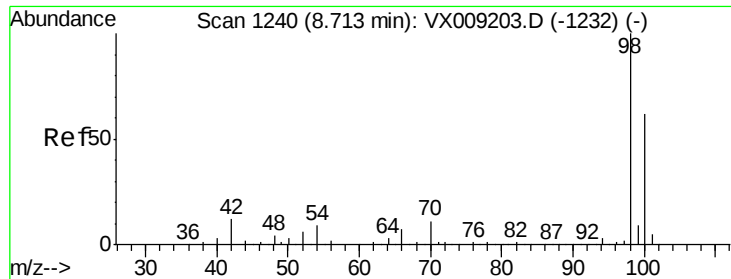
Tot Ion:114 Resp: 290690
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 16.0 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 48.171 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009883.D
 Acq: 24 May 2019 13:50

Tgt Ion:113 Resp: 88028
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.8 124.2
 192 21.9 17.0 25.6





#50

Toluene-d8

Concen: 49.801 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009883.D

Acq: 24 May 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

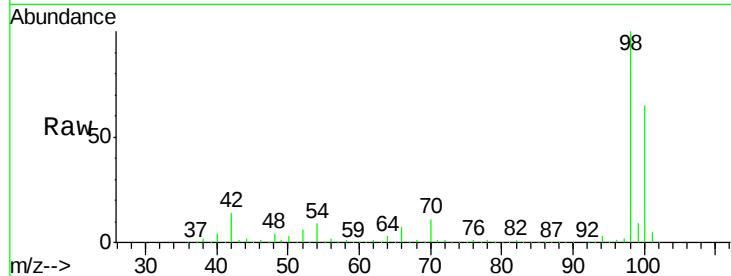
OUTFALL001-TB4

Tot Ion: 98 Resp: 367412

Ion Ratio Lower Upper

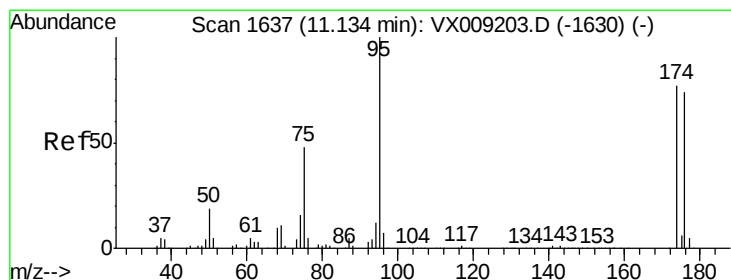
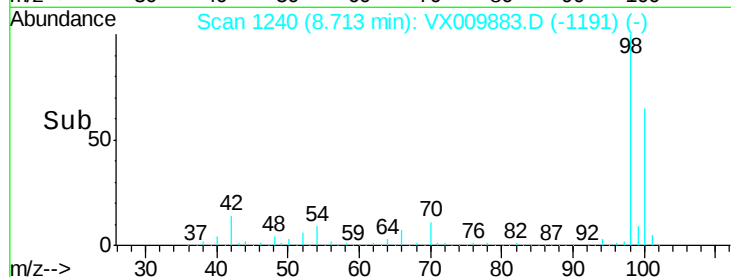
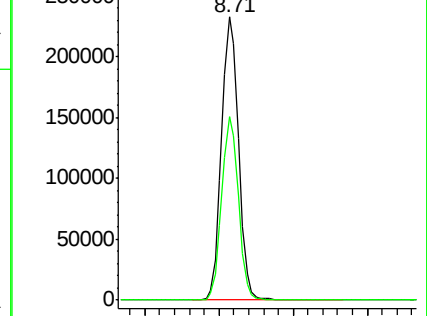
98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.988 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009883.D

Acq: 24 May 2019 13:50

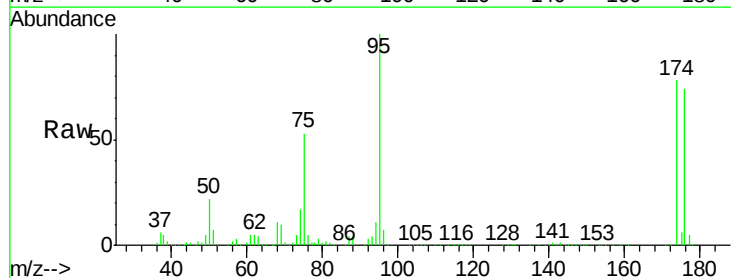
Tgt Ion: 95 Resp: 123283

Ion Ratio Lower Upper

95 100

174 81.8 0.0 161.6

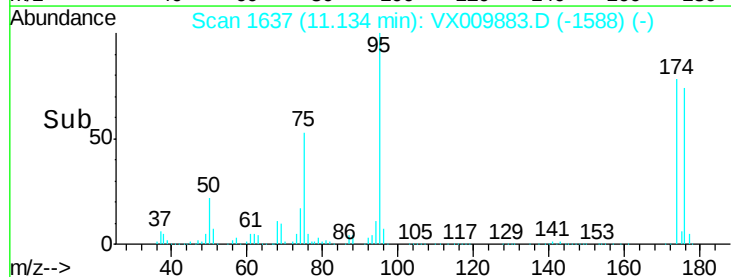
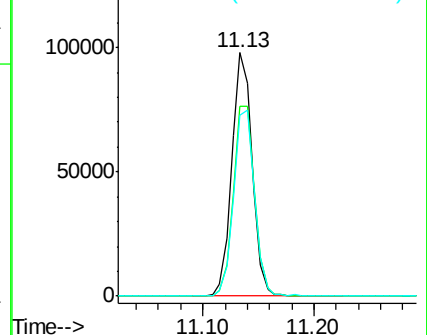
176 79.1 0.0 159.2

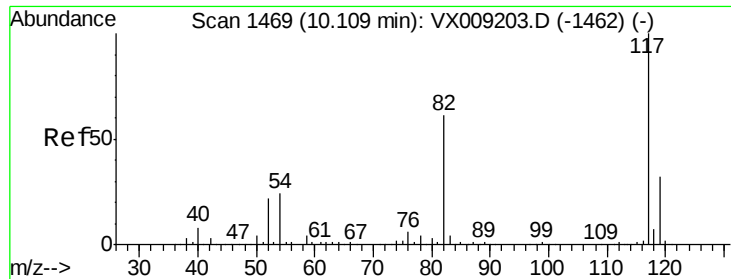


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

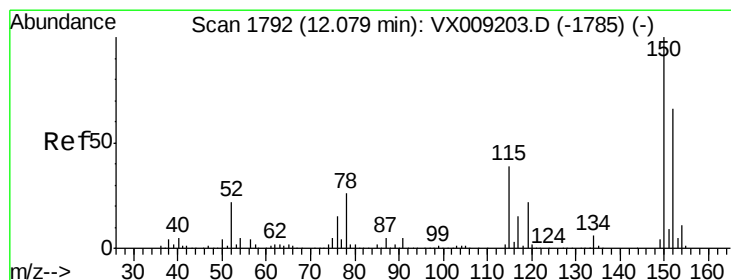
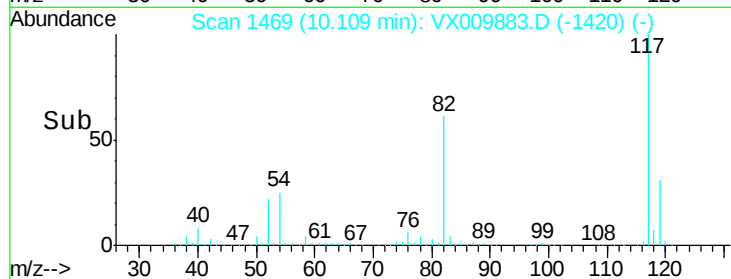
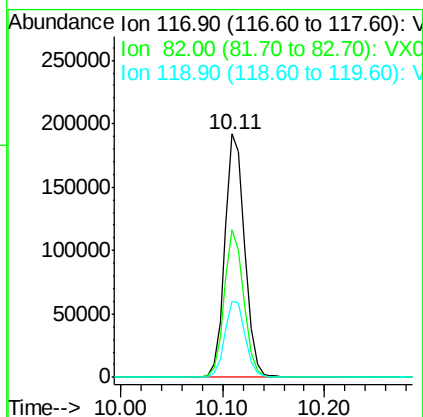
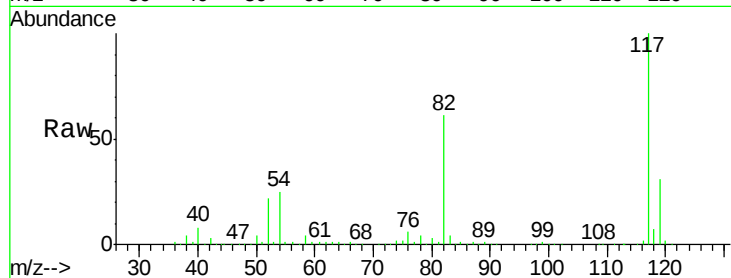




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009883.D
Acq: 24 May 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-TB4

Tot Ion:117 Resp: 257609
Ion Ratio Lower Upper
117 100
82 60.7 48.8 73.2
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009883.D
Acq: 24 May 2019 13:50

Tgt Ion:152 Resp: 112561
Ion Ratio Lower Upper
152 100
115 59.7 41.2 123.6
150 158.2 0.0 346.4

