

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009492.D
 Acq On : 10 May 2019 19:39
 Operator : JC/SP
 Sample : K2781-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-TB2

Quant Time: May 11 03:57:54 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	184331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109366	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120722	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	5.50	113	89089	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.71	98	365159	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.13	95	118829	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	

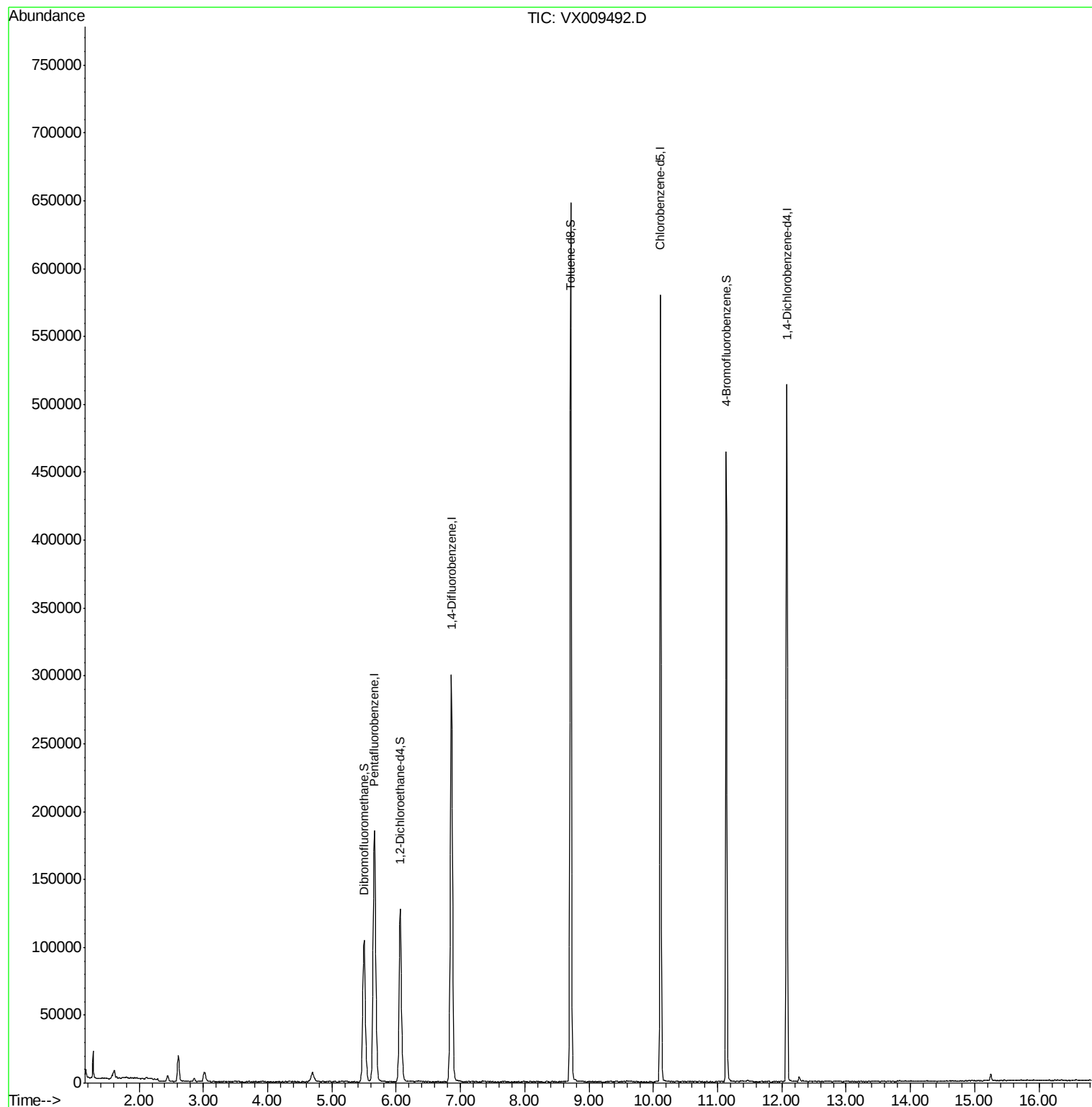
Target Compounds	Qvalue
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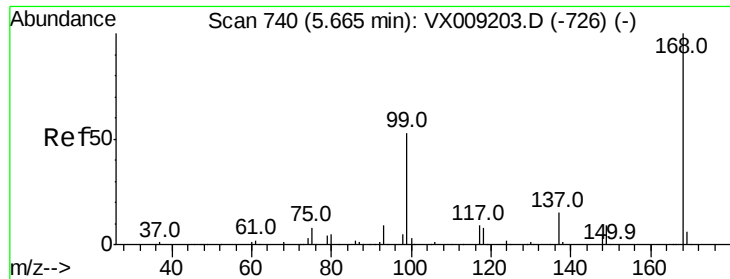
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009492.D

Acq: 10 May 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

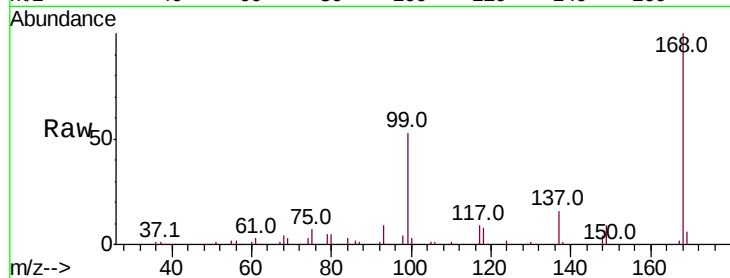
OUTFALL001-TB2

Tot Ion:168 Resp: 184331

Ion Ratio Lower Upper

168 100

99 52.6 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

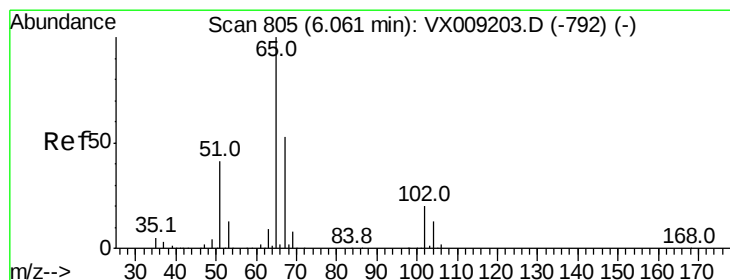
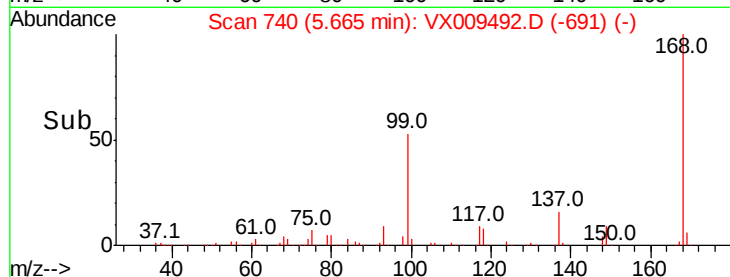
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.975 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009492.D

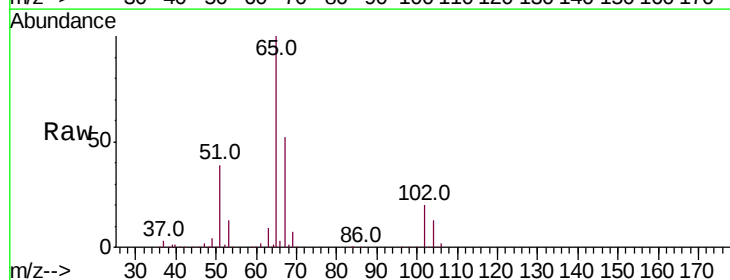
Acq: 10 May 2019 19:39

Tgt Ion: 65 Resp: 120722

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

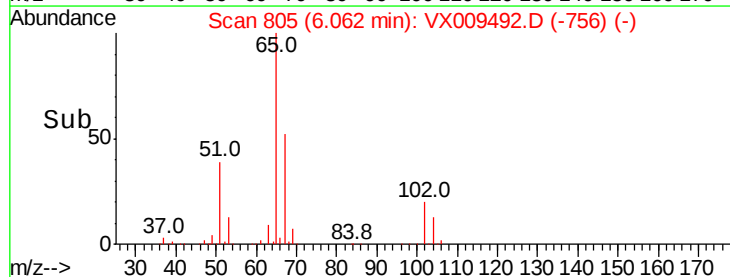
30000

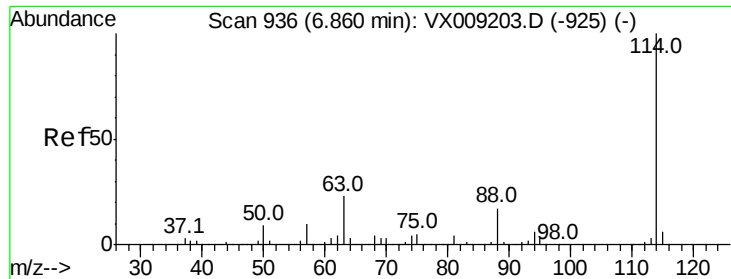
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

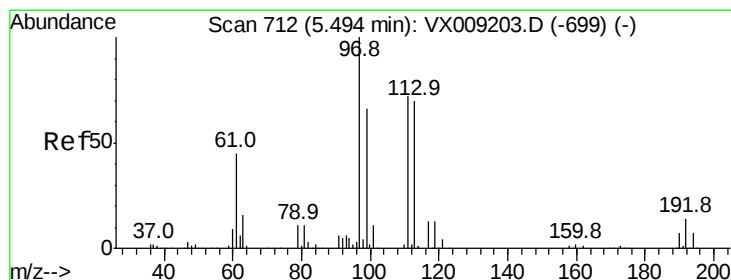
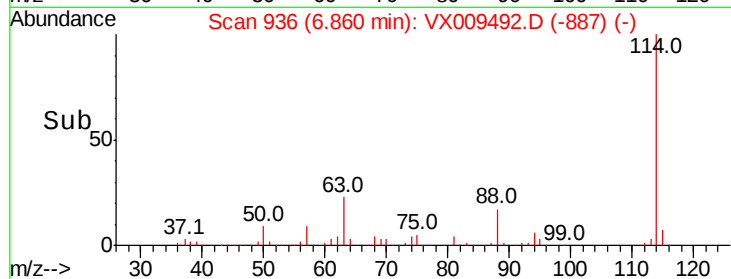
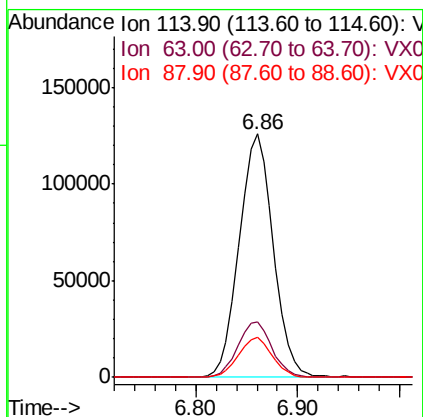
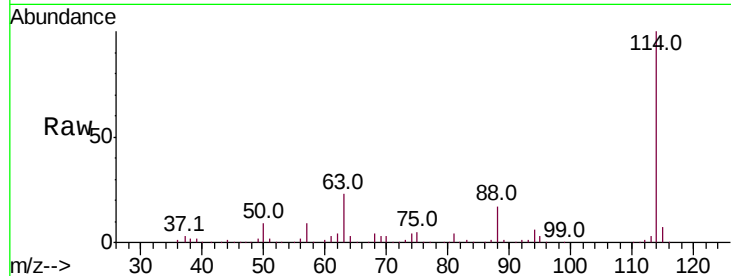




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009492.D
 Acq: 10 May 2019 19:39

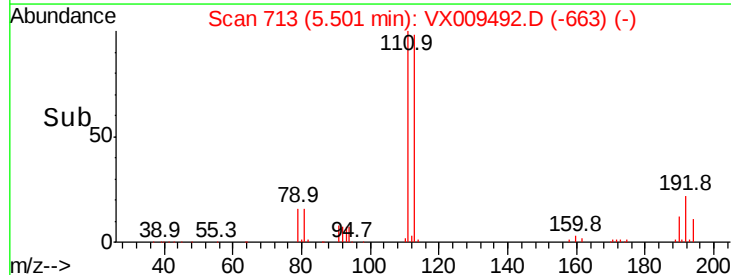
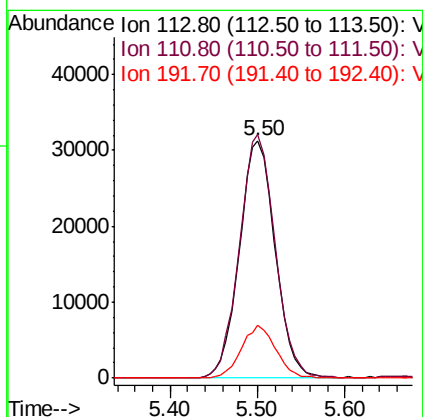
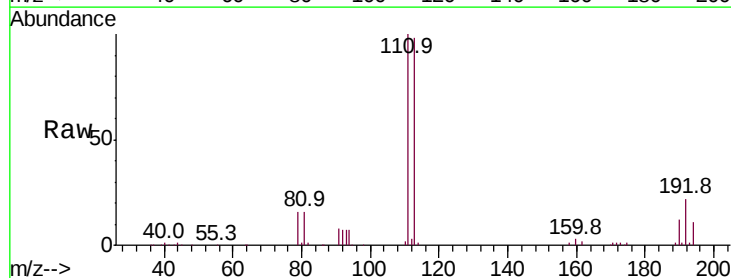
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-TB2

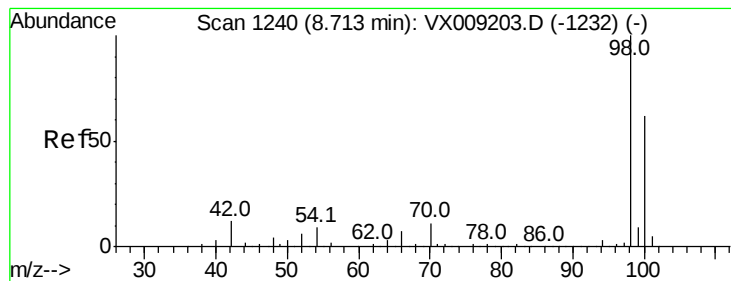
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.6
88	16.5	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 48.577 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009492.D
 Acq: 10 May 2019 19:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	21.4	17.0	25.6





#50

Toluene-d8

Concen: 49.318 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009492.D

Acq: 10 May 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

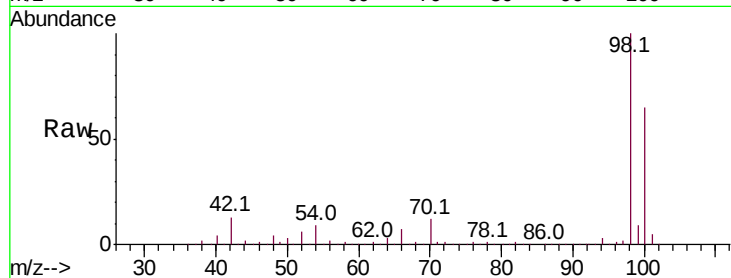
OUTFALL001-TB2

Tot Ion: 98 Resp: 365159

Ion Ratio Lower Upper

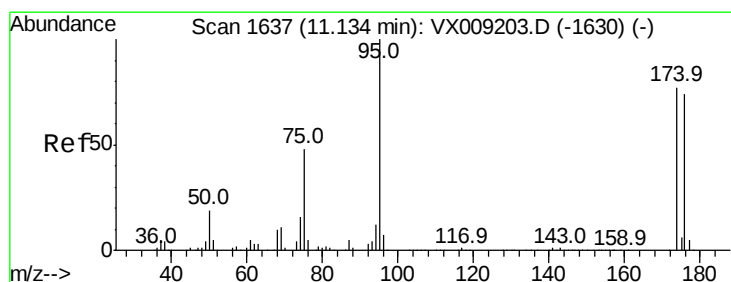
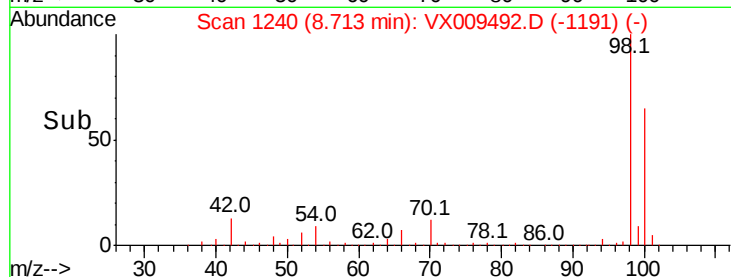
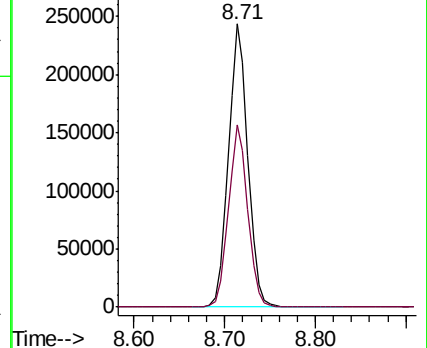
98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.167 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009492.D

Acq: 10 May 2019 19:39

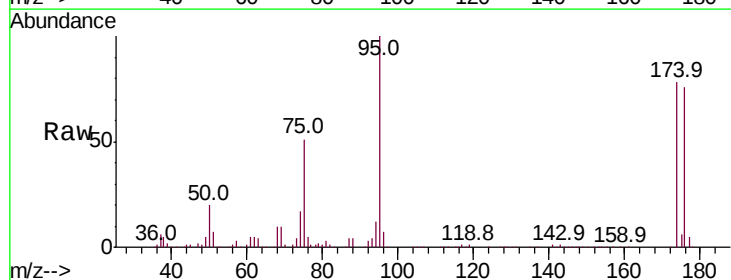
Tgt Ion: 95 Resp: 118829

Ion Ratio Lower Upper

95 100

174 83.1 0.0 161.6

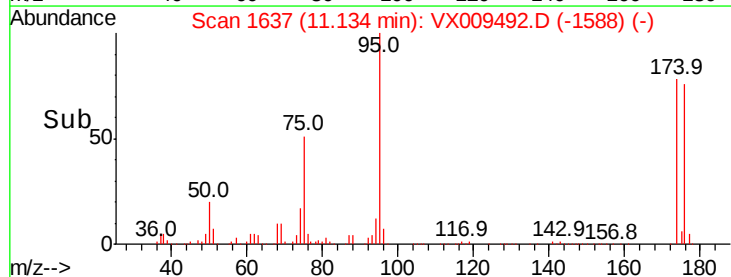
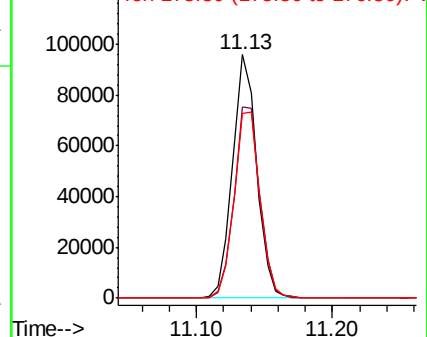
176 81.9 0.0 159.2

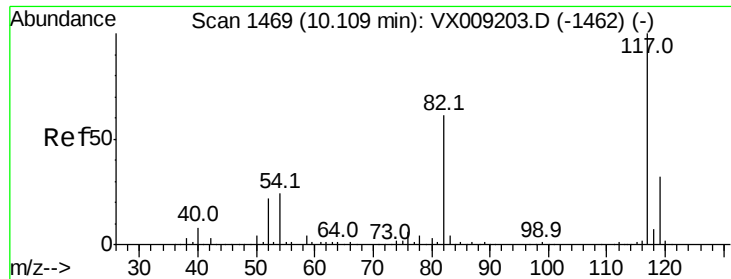


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

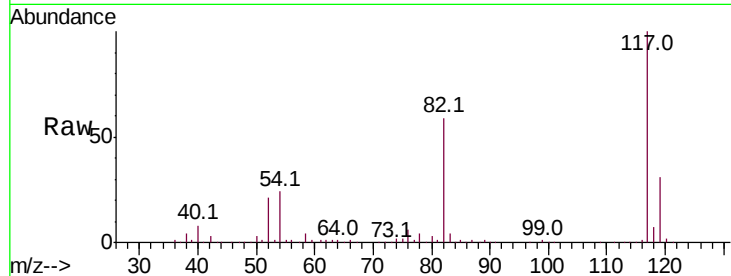




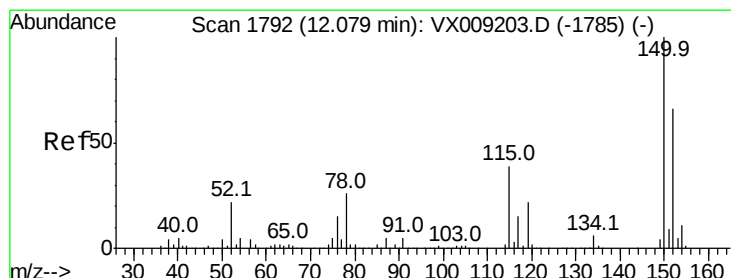
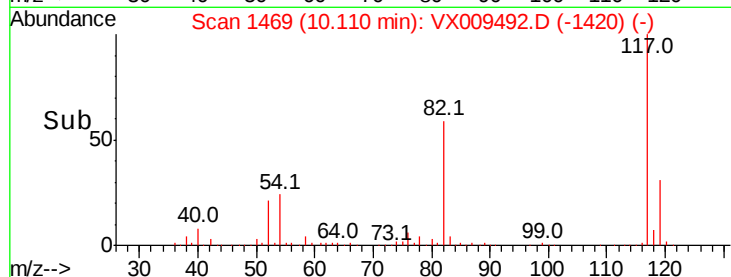
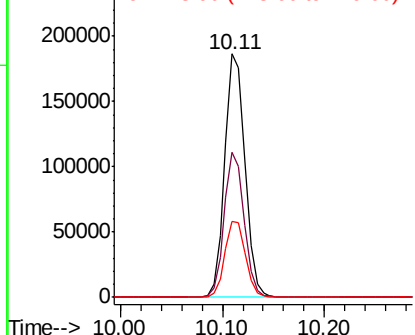
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009492.D
Acq: 10 May 2019 19:39

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-TB2

Tot Ion:117 Resp: 256897
Ion Ratio Lower Upper
117 100
82 59.4 48.8 73.2
119 31.4 25.8 38.6

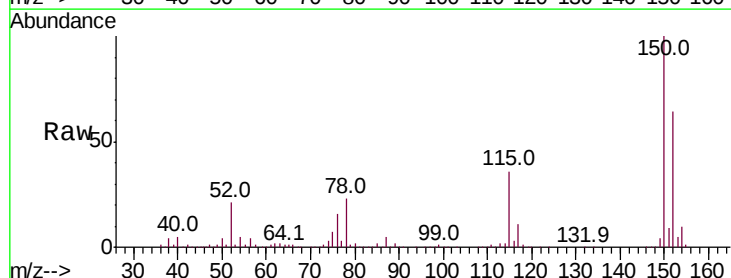


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009492.D
Acq: 10 May 2019 19:39

Tgt Ion:152 Resp: 109366
Ion Ratio Lower Upper
152 100
115 57.7 41.2 123.6
150 156.2 0.0 346.4



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

