

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110619\
 Data File : VX013337.D
 Acq On : 06 Nov 2019 12:18
 Operator : JC/SP
 Sample : K5711-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-191105

Quant Time: Nov 07 02:33:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

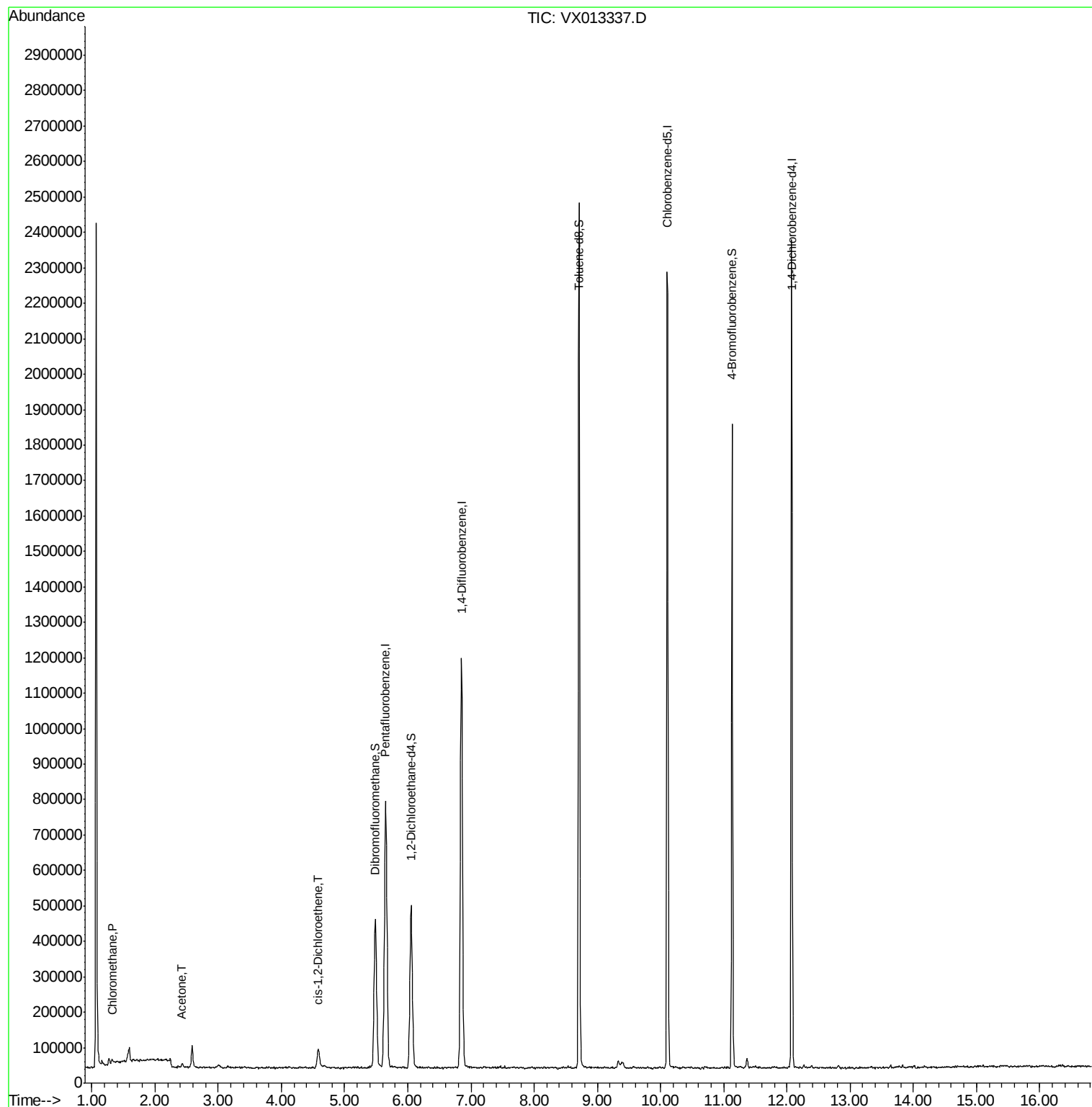
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	778271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1190017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1063181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	489769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	436833	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
35) Dibromofluoromethane	5.48	113	360245	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	8.71	98	1417016	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	479401	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
Target Compounds						
3) Chloromethane	1.32	50	7000	0.720	ug/l	91
16) Acetone	2.43	43	13093	2.847	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	33332	3.828	ug/l	93

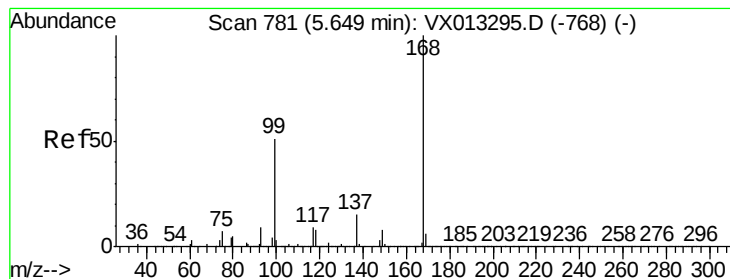
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013337.D

Acq: 06 Nov 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

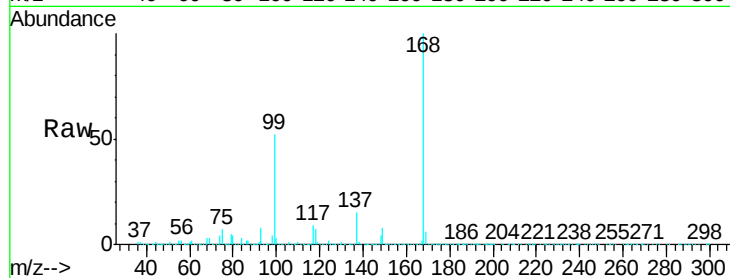
OUTFALL001-191105

Tgt Ion:168 Resp: 778271

Ion Ratio Lower Upper

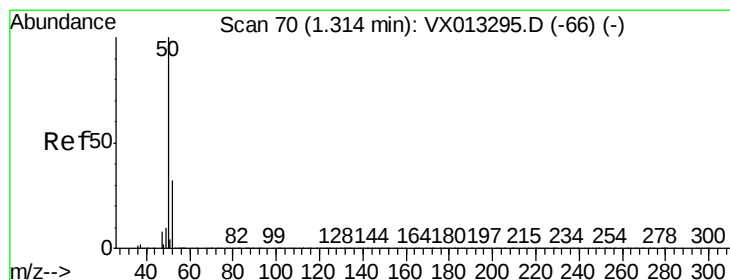
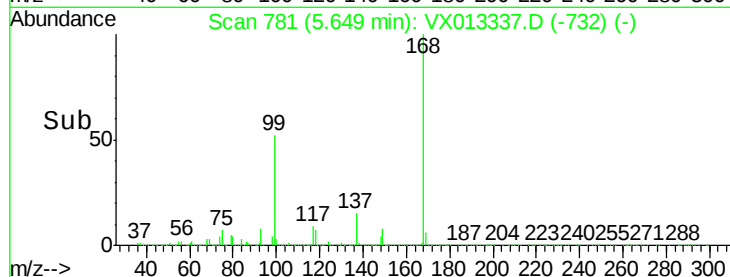
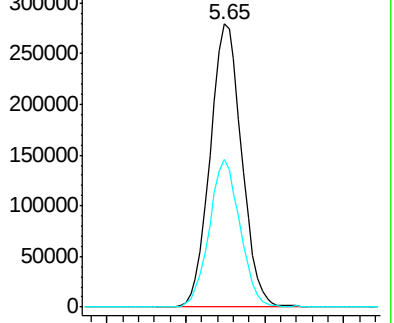
168 100

99 52.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.720 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013337.D

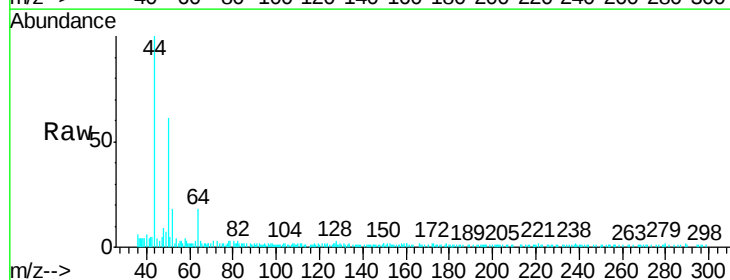
Acq: 06 Nov 2019 12:18

Tgt Ion: 50 Resp: 7000

Ion Ratio Lower Upper

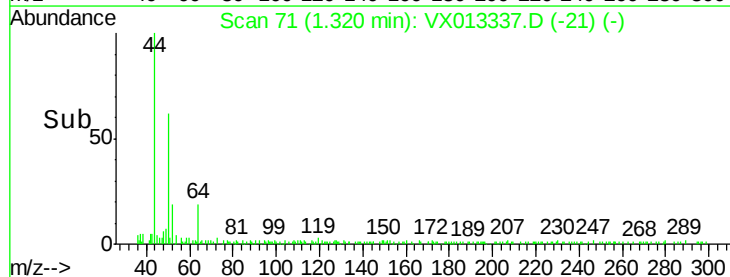
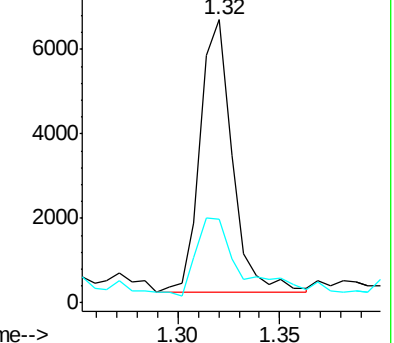
50 100

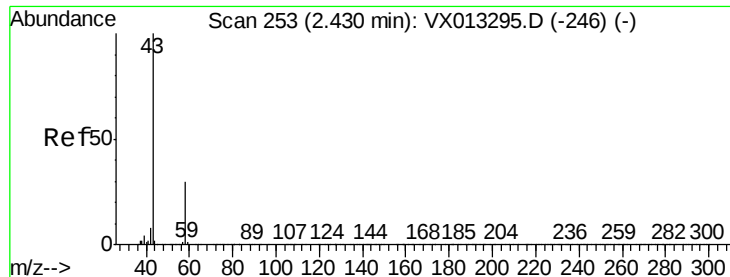
52 26.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 2.847 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013337.D

Acq: 06 Nov 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

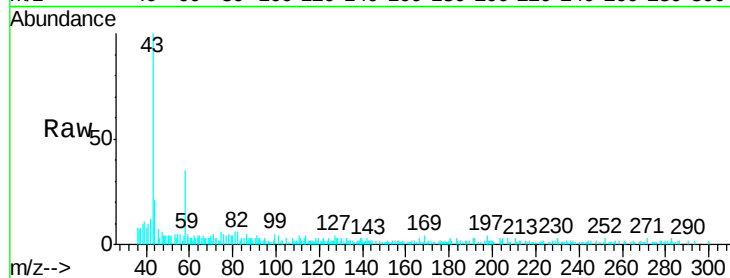
OUTFALL001-191105

Tgt Ion: 43 Resp: 13093

Ion Ratio Lower Upper

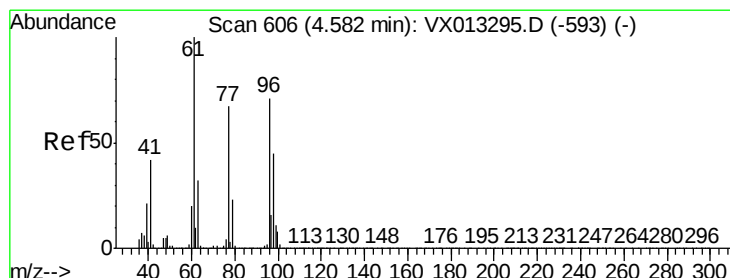
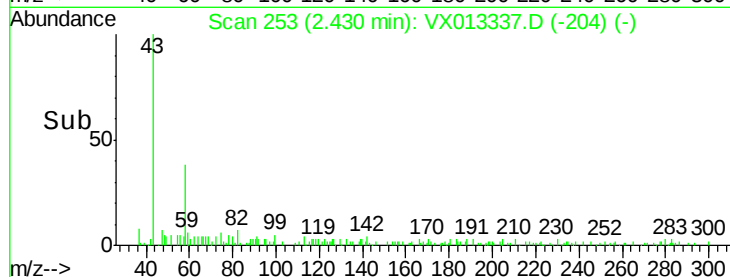
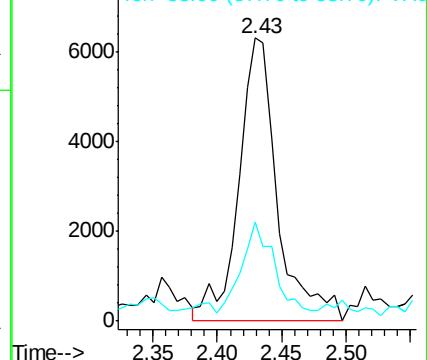
43 100

58 30.4 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 3.828 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX013337.D

Acq: 06 Nov 2019 12:18

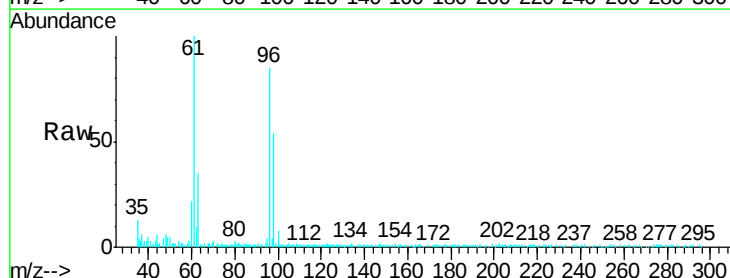
Tgt Ion: 96 Resp: 33332

Ion Ratio Lower Upper

96 100

61 132.5 0.0 288.0

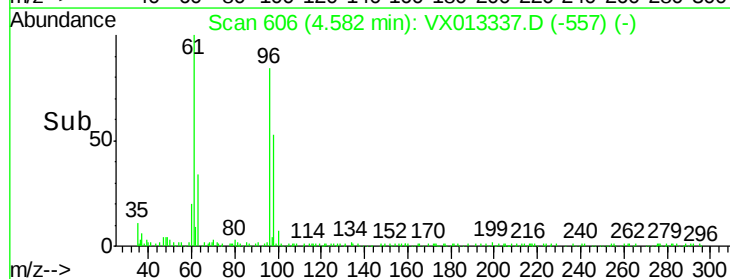
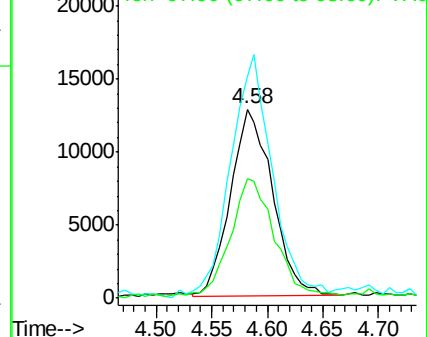
98 65.9 0.0 129.6

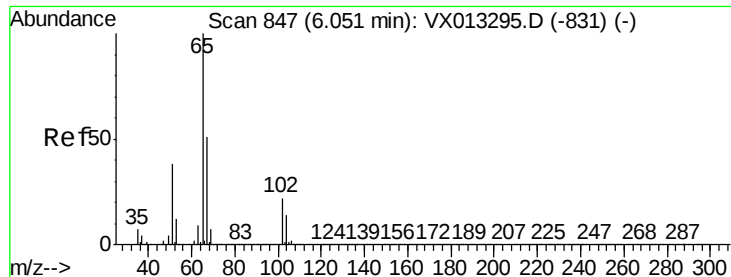


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.378 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013337.D

Acq: 06 Nov 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

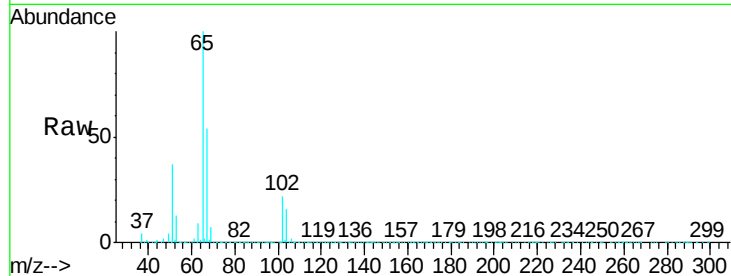
OUTFALL001-191105

Tgt Ion: 65 Resp: 436833

Ion Ratio Lower Upper

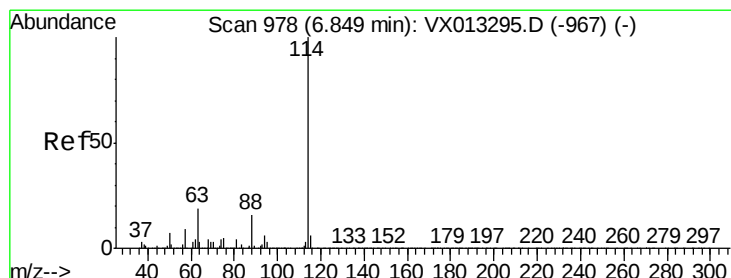
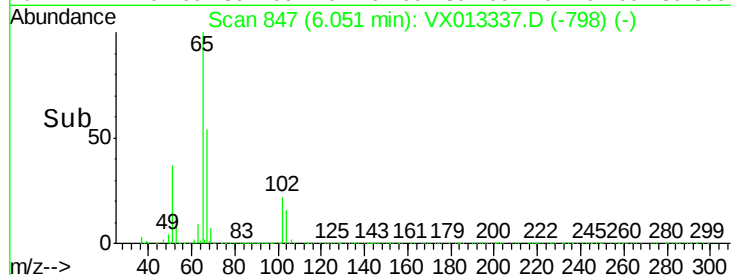
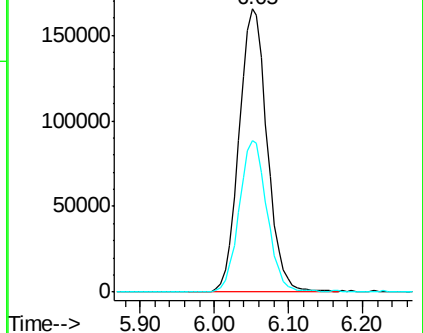
65 100

67 53.0 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013337.D

Acq: 06 Nov 2019 12:18

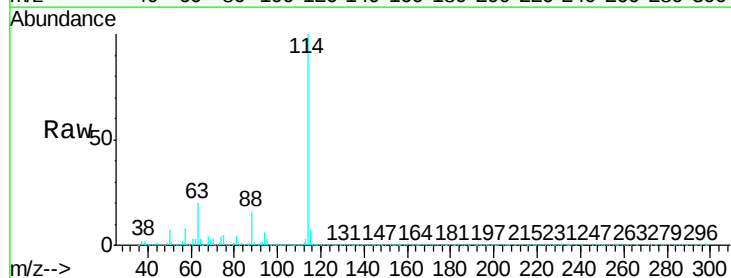
Tgt Ion: 114 Resp: 1190017

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

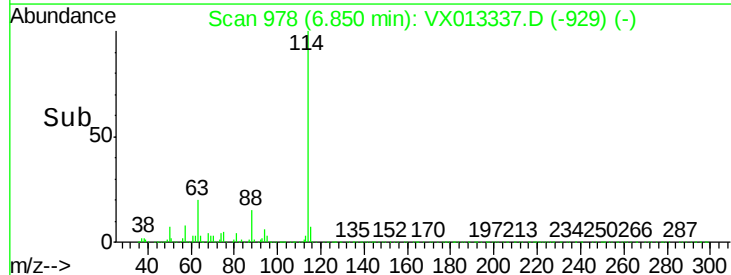
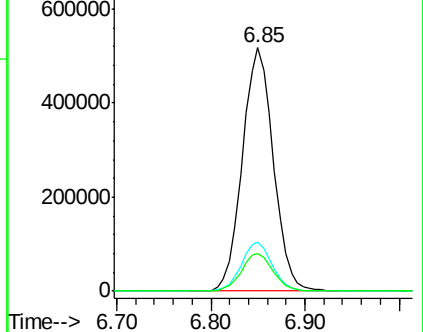
88 15.5 0.0 32.2

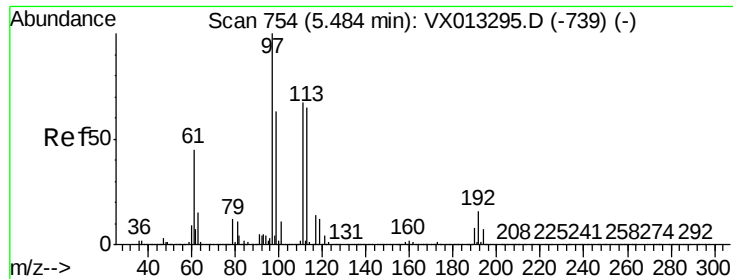


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

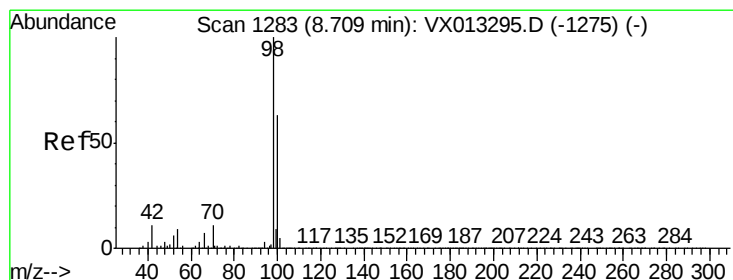
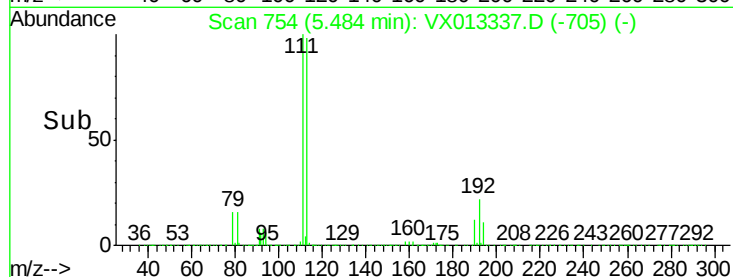
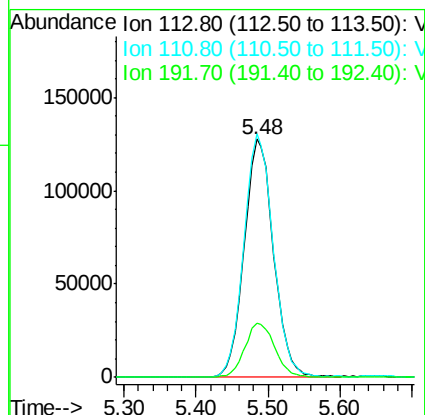
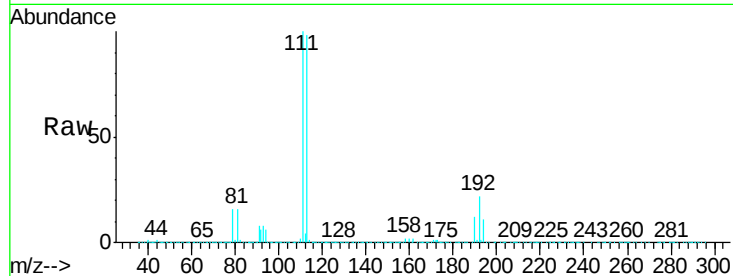




#35
Dibromofluoromethane
Concen: 48.265 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013337.D
Acq: 06 Nov 2019 12:18

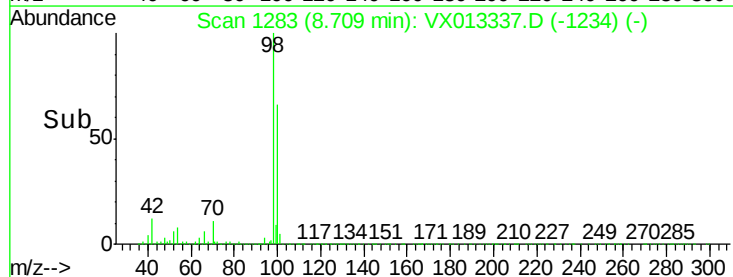
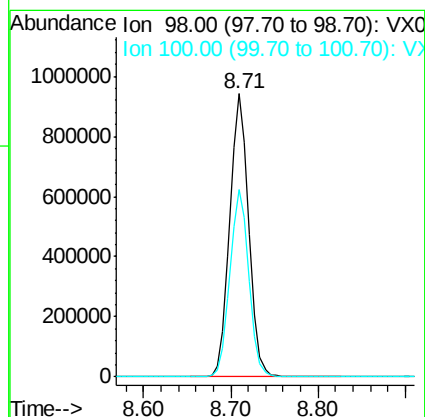
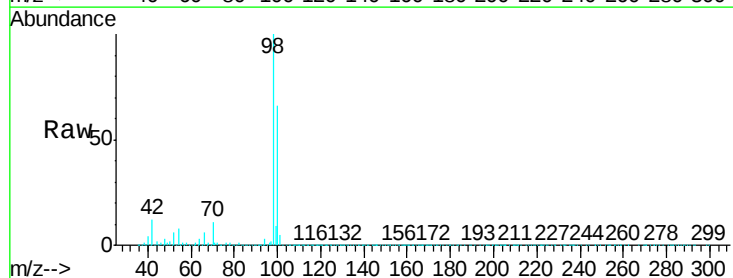
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-191105

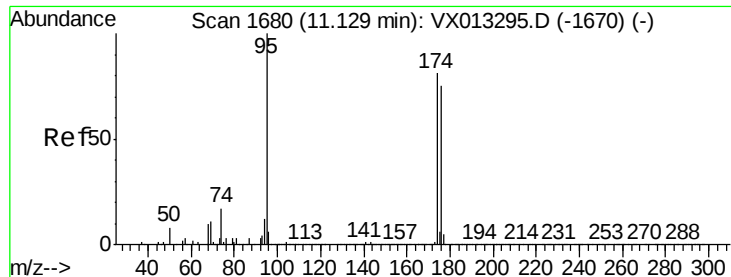
Tgt Ion:113 Resp: 360245
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 23.5 19.1 28.7



#50
Toluene-d8
Concen: 50.359 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013337.D
Acq: 06 Nov 2019 12:18

Tgt Ion: 98 Resp: 1417016
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 47.207 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013337.D

Acq: 06 Nov 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-191105

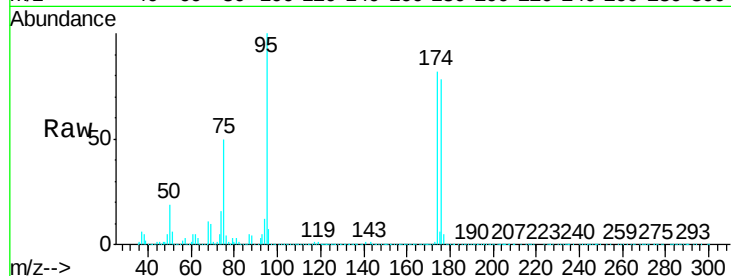
Tgt Ion: 95 Resp: 479401

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

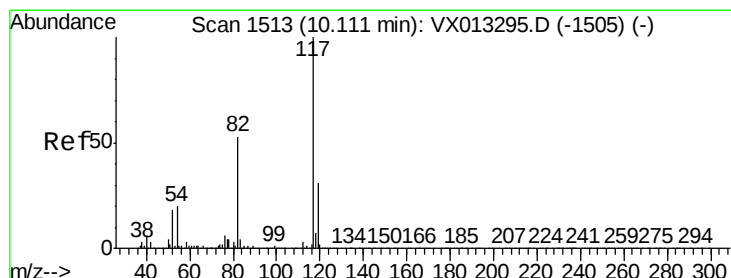
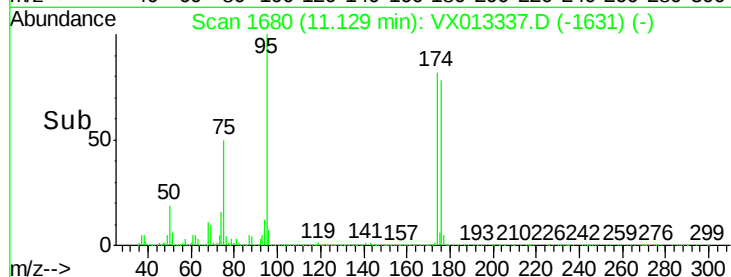
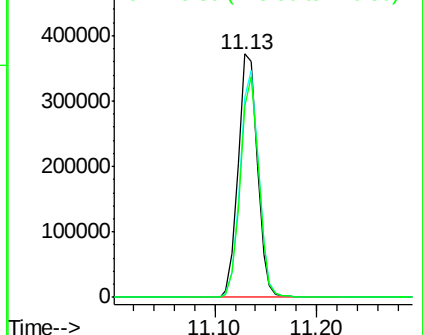
176 86.9 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX013337.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX013337.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX013337.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013337.D

Acq: 06 Nov 2019 12:18

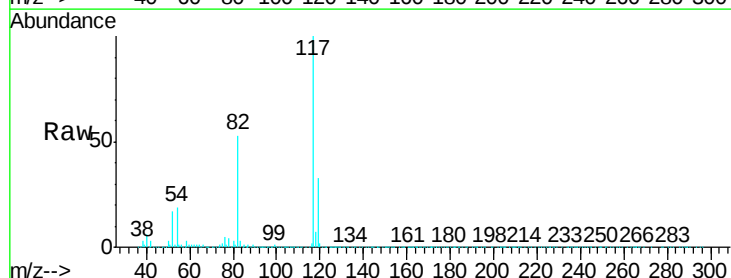
Tgt Ion: 117 Resp: 1063181

Ion Ratio Lower Upper

117 100

82 53.2 42.6 64.0

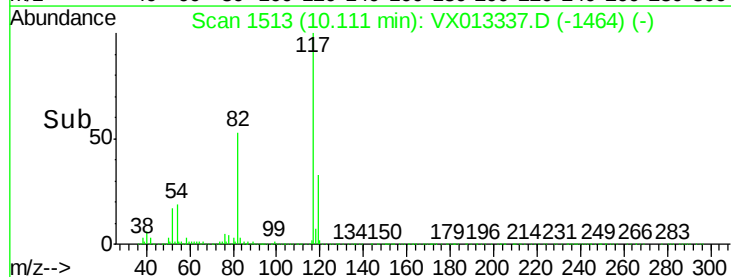
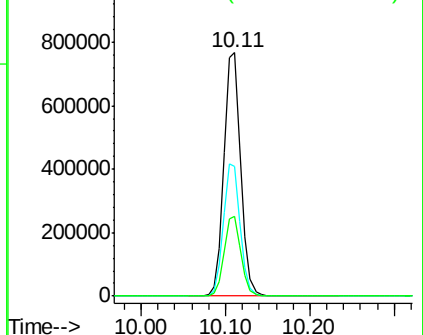
119 32.6 24.8 37.2

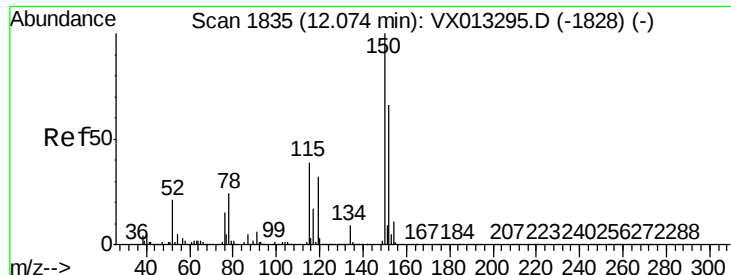


Abundance Ion 116.90 (116.60 to 117.60): VX013337.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013337.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013337.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013337.D

Acq: 06 Nov 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-191105

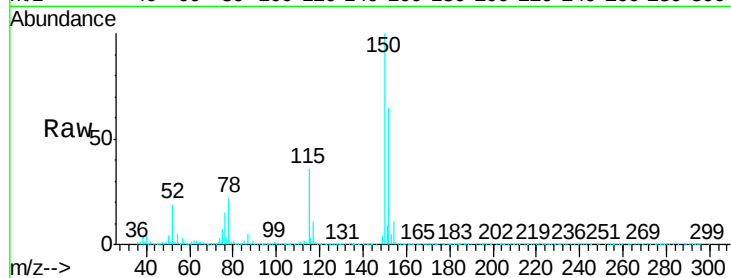
Tgt Ion:152 Resp: 489769

Ion Ratio Lower Upper

152 100

115 55.5 39.5 118.3

150 156.8 0.0 344.4



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

