

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016098.D
 Acq On : 07 May 2020 16:49
 Operator : JC/SP
 Sample : L2545-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-200505

Quant Time: May 08 04:10:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

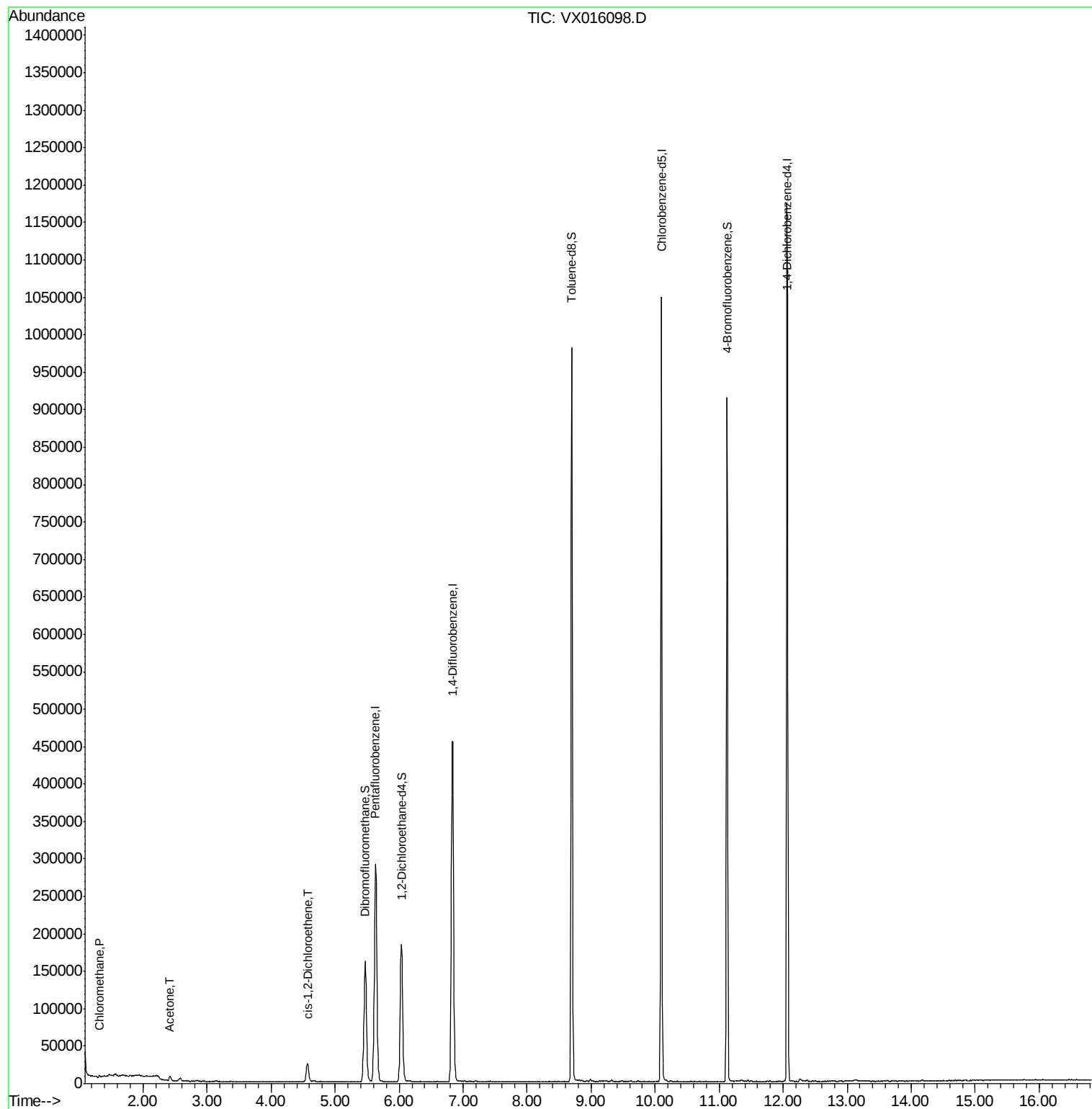
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	284537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	472160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	460991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	177565	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	5.47	113	137846	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
50) Toluene-d8	8.70	98	577071	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.12	95	236987	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
Target Compounds						
3) Chloromethane	1.32	50	1647	0.471	ug/l	96
16) Acetone	2.42	43	7062	4.227	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	15587	4.326	ug/l	87

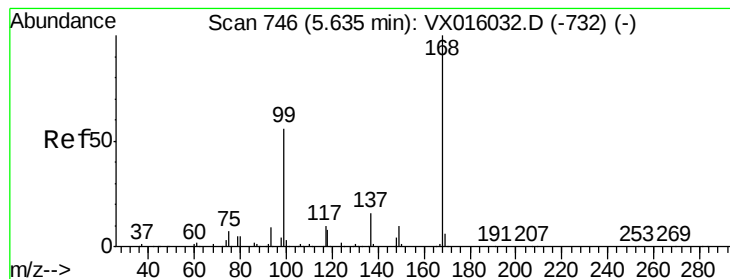
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016098.D

Acq: 07 May 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

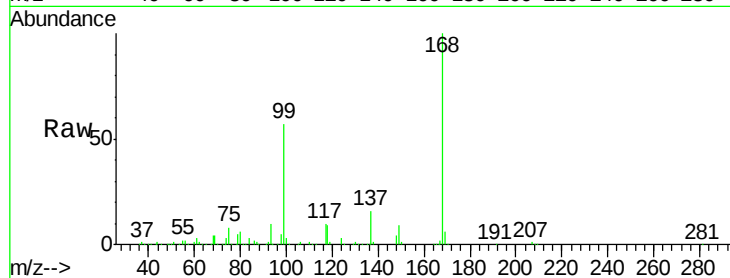
OUTFALL001-200505

Tot Ion:168 Resp: 284537

Ion Ratio Lower Upper

168 100

99 57.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

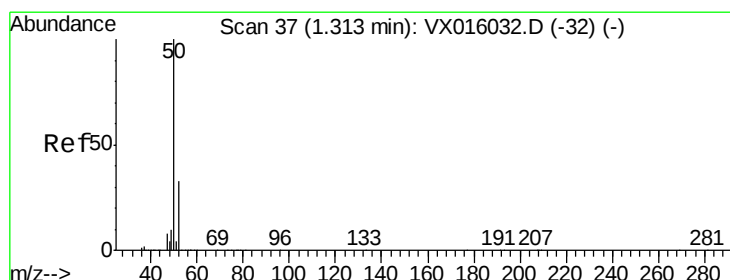
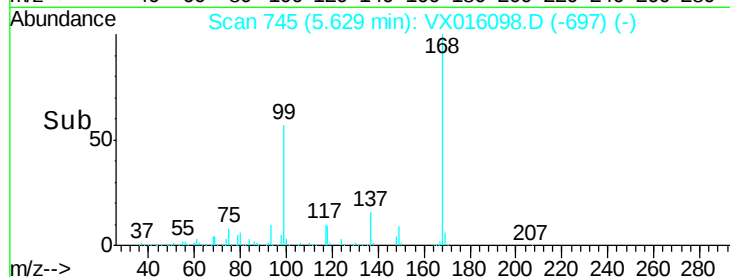
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.471 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016098.D

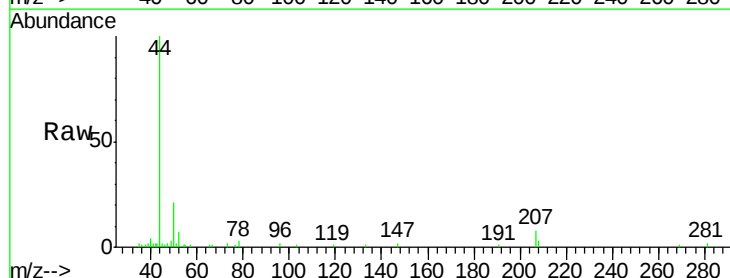
Acq: 07 May 2020 16:49

Tgt Ion: 50 Resp: 1647

Ion Ratio Lower Upper

50 100

52 34.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1500

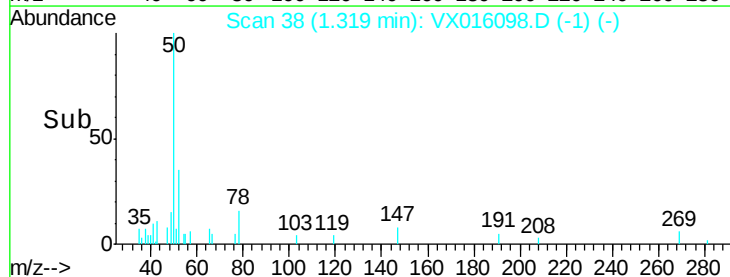
1000

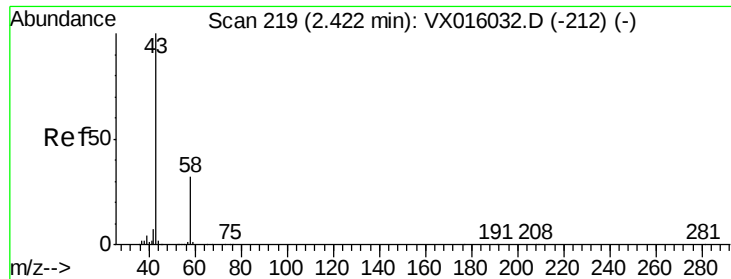
500

0

Time-->

1.25 1.30 1.35 1.40





#16

Acetone

Concen: 4.227 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016098.D

Acq: 07 May 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

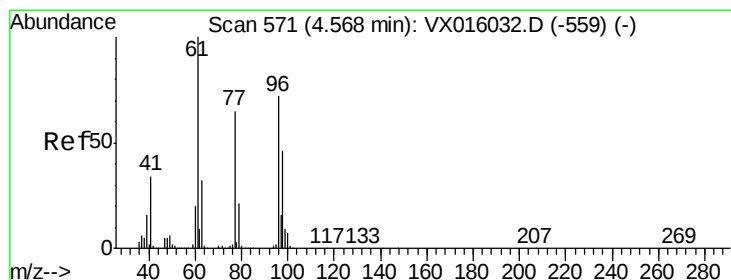
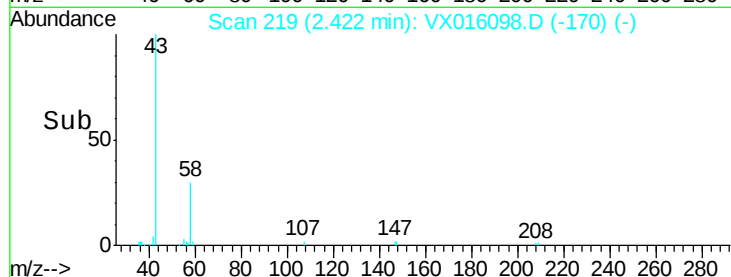
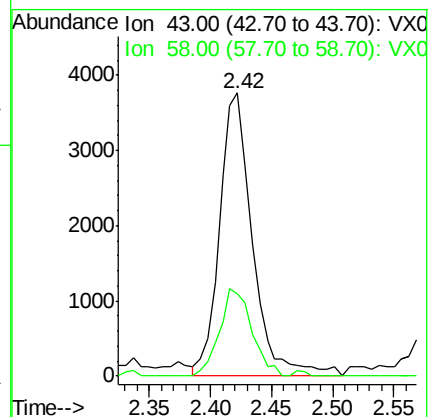
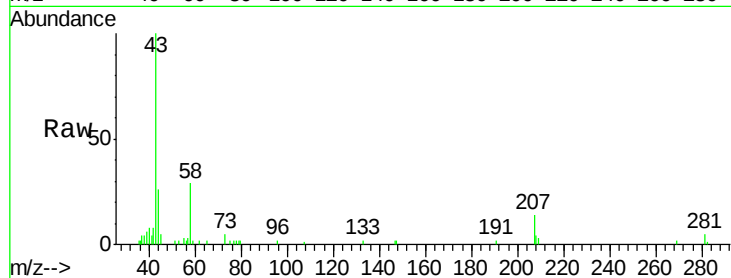
OUTFALL001-200505

Tot Ion: 43 Resp: 7062

Ion Ratio Lower Upper

43 100

58 29.3 25.4 38.0



#27

cis-1,2-Dichloroethene

Concen: 4.326 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016098.D

Acq: 07 May 2020 16:49

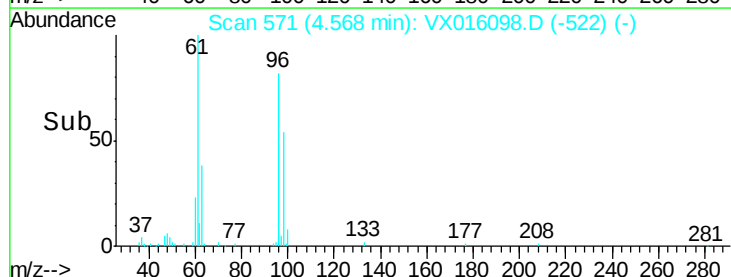
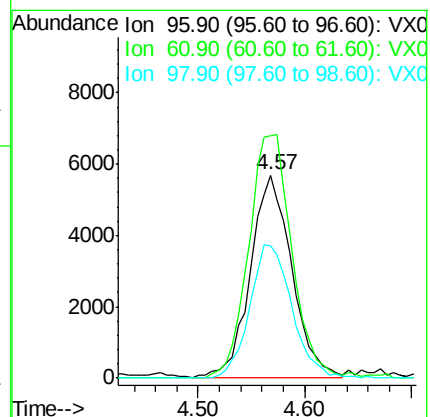
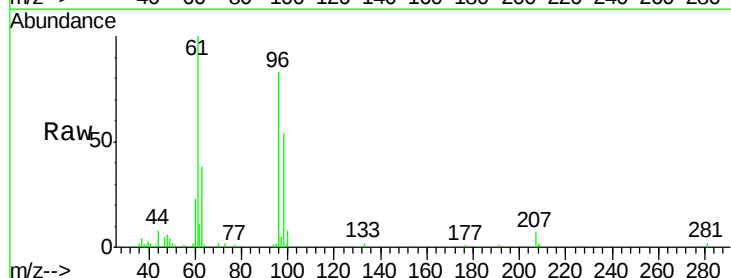
Tgt Ion: 96 Resp: 15587

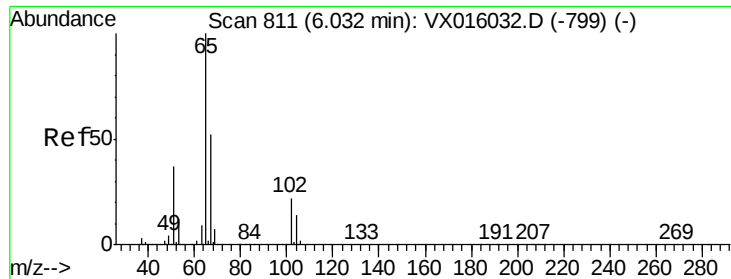
Ion Ratio Lower Upper

96 100

61 125.3 0.0 296.2

98 66.6 0.0 129.4





#33

1,2-Dichloroethane-d4

Concen: 47.424 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016098.D

Acq: 07 May 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

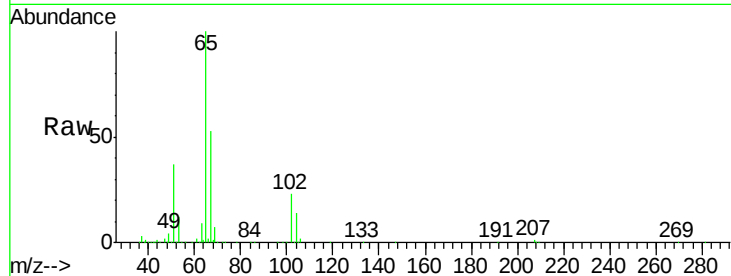
OUTFALL001-200505

Tot Ion: 65 Resp: 177565

Ion Ratio Lower Upper

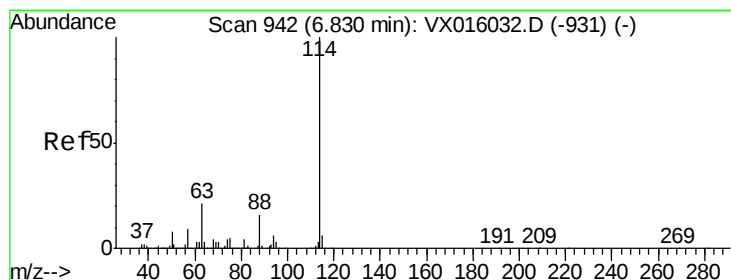
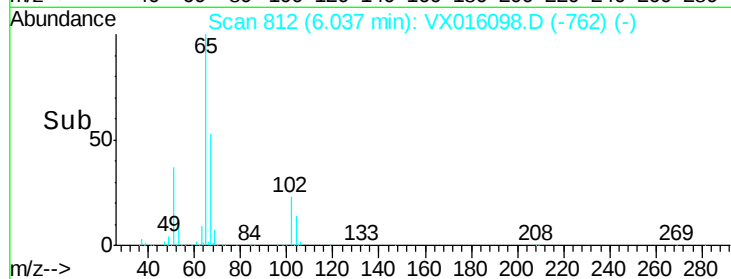
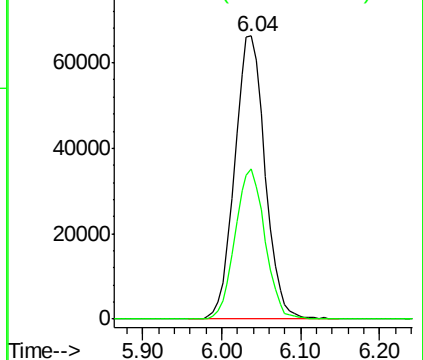
65 100

67 52.2 0.0 104.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016098.D

Acq: 07 May 2020 16:49

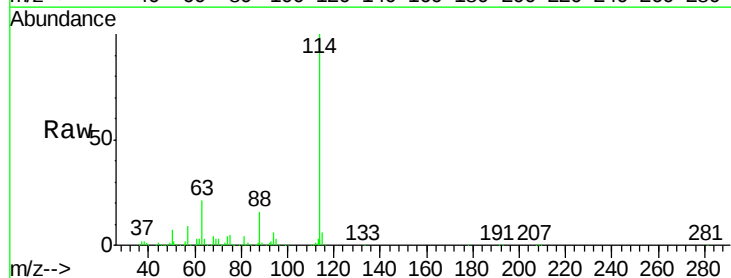
Tgt Ion: 114 Resp: 472160

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

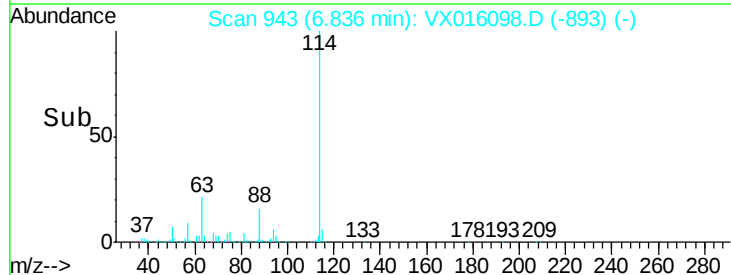
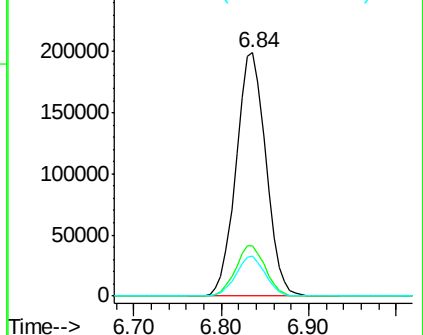
88 16.3 0.0 31.4

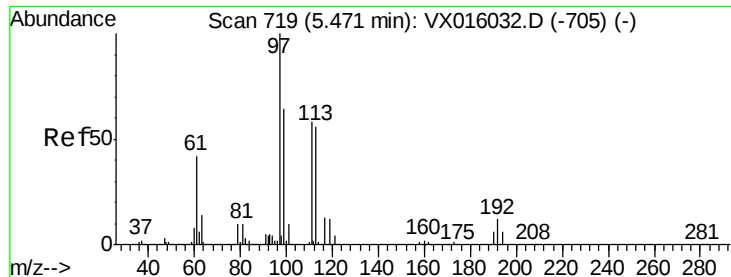


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.082 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016098.D

Acq: 07 May 2020 16:49

Instrument :

MSVOA_X

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OUTFALL001-200505

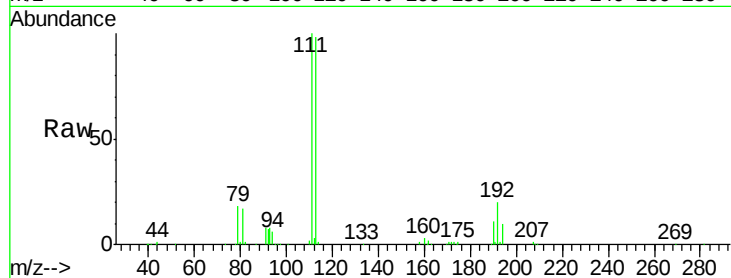
Tot Ion:113 Resp: 137846

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

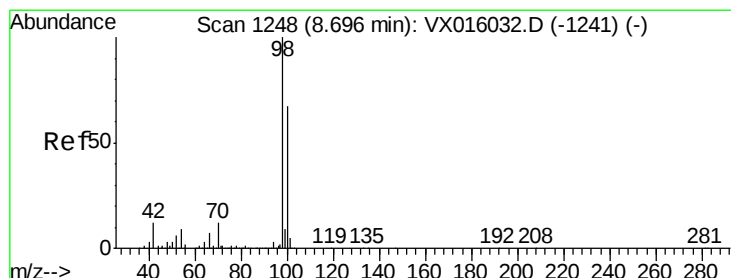
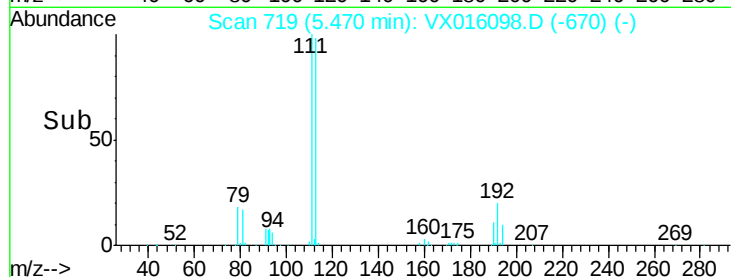
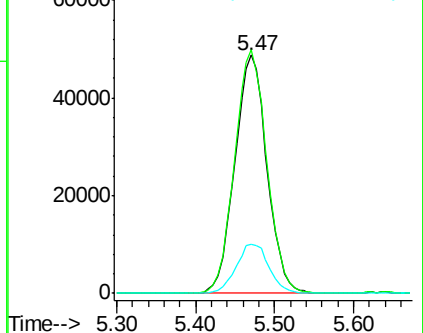
192 21.3 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 50.068 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016098.D

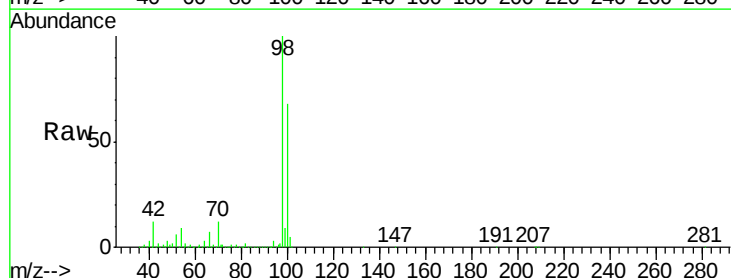
Acq: 07 May 2020 16:49

Tgt Ion: 98 Resp: 577071

Ion Ratio Lower Upper

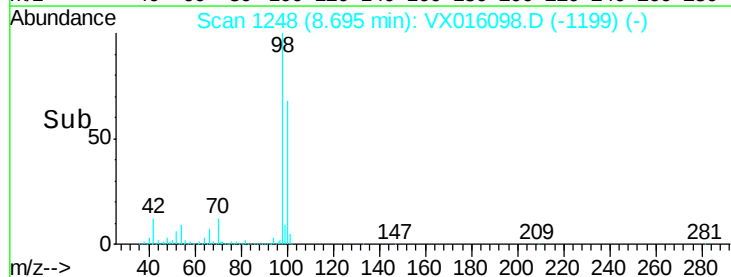
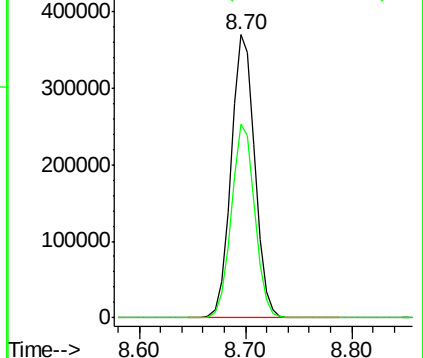
98 100

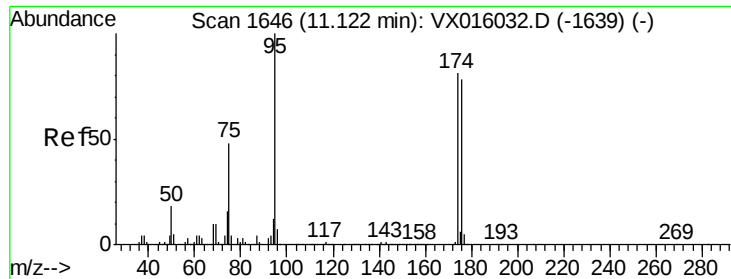
100 67.6 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

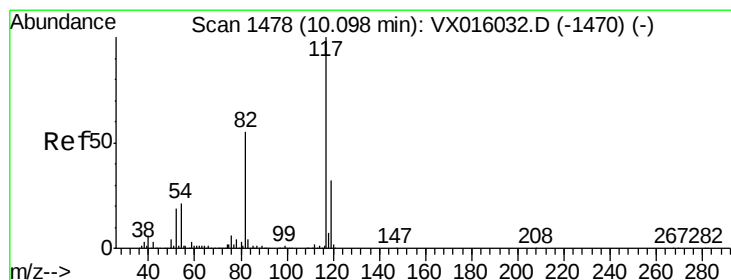
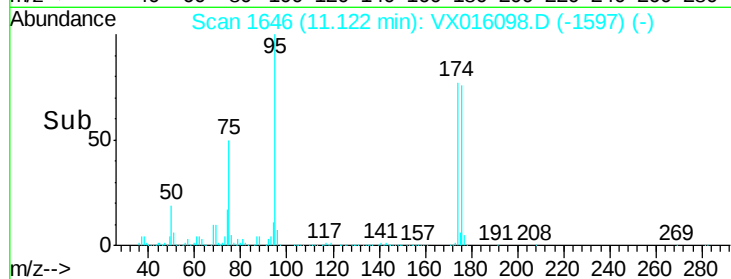
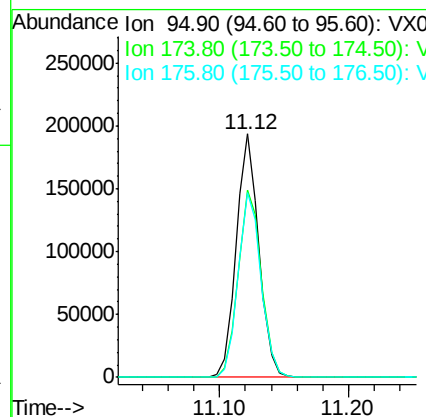
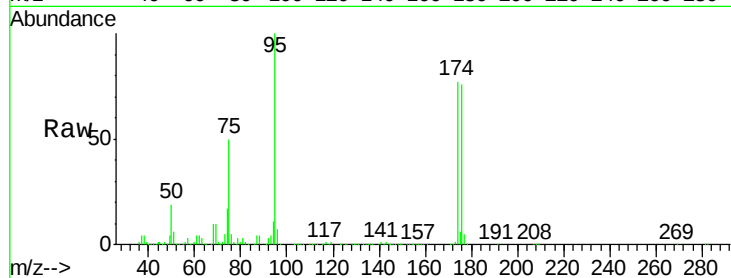




#62
4-Bromofluorobenzene
Concen: 54.059 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016098.D
Acq: 07 May 2020 16:49

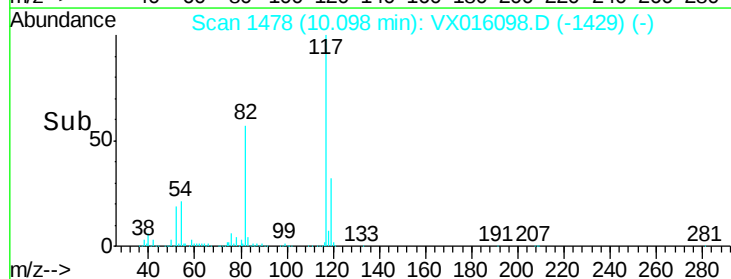
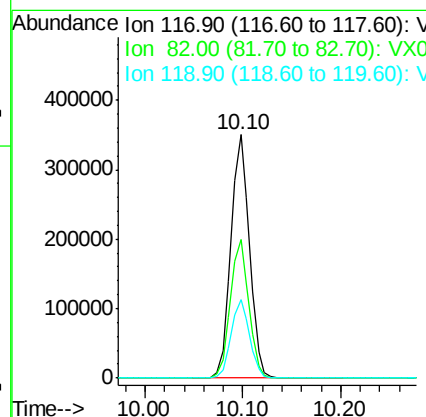
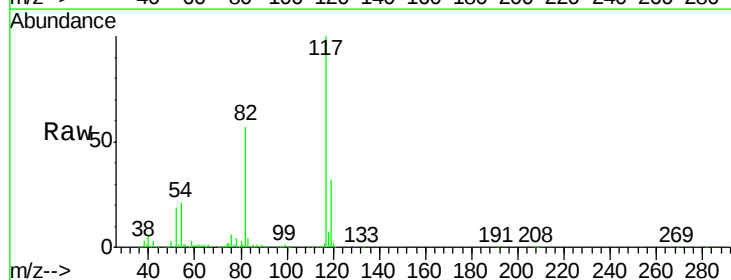
Instrument :
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OUTFALL001-200505

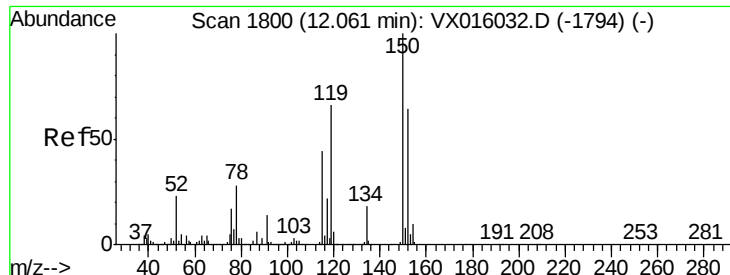
Tot Ion	95	Resp	236987
Ion Ratio	Lower	Upper	
95	100		
174	79.0	0.0	159.4
176	77.2	0.0	157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016098.D
Acq: 07 May 2020 16:49

Tgt Ion	117	Resp	460991
Ion Ratio	Lower	Upper	
117	100		
82	56.9	44.4	66.6
119	32.1	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016098.D

Acq: 07 May 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-200505

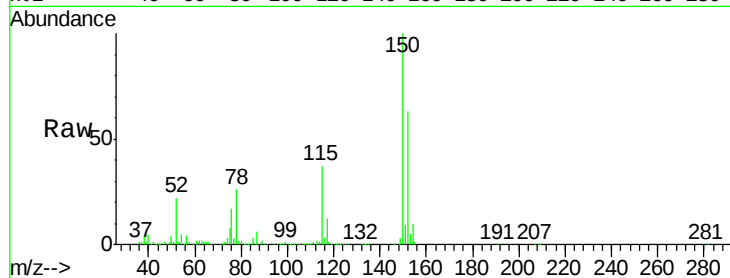
Tot Ion:152 Resp: 244016

Ion Ratio Lower Upper

152 100

115 57.7 41.3 124.1

150 155.2 0.0 352.2



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

