

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009609.D
 Acq On : 16 May 2019 15:57
 Operator : JC/SP
 Sample : K2886-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-WK-3

Quant Time: May 17 07:04:13 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

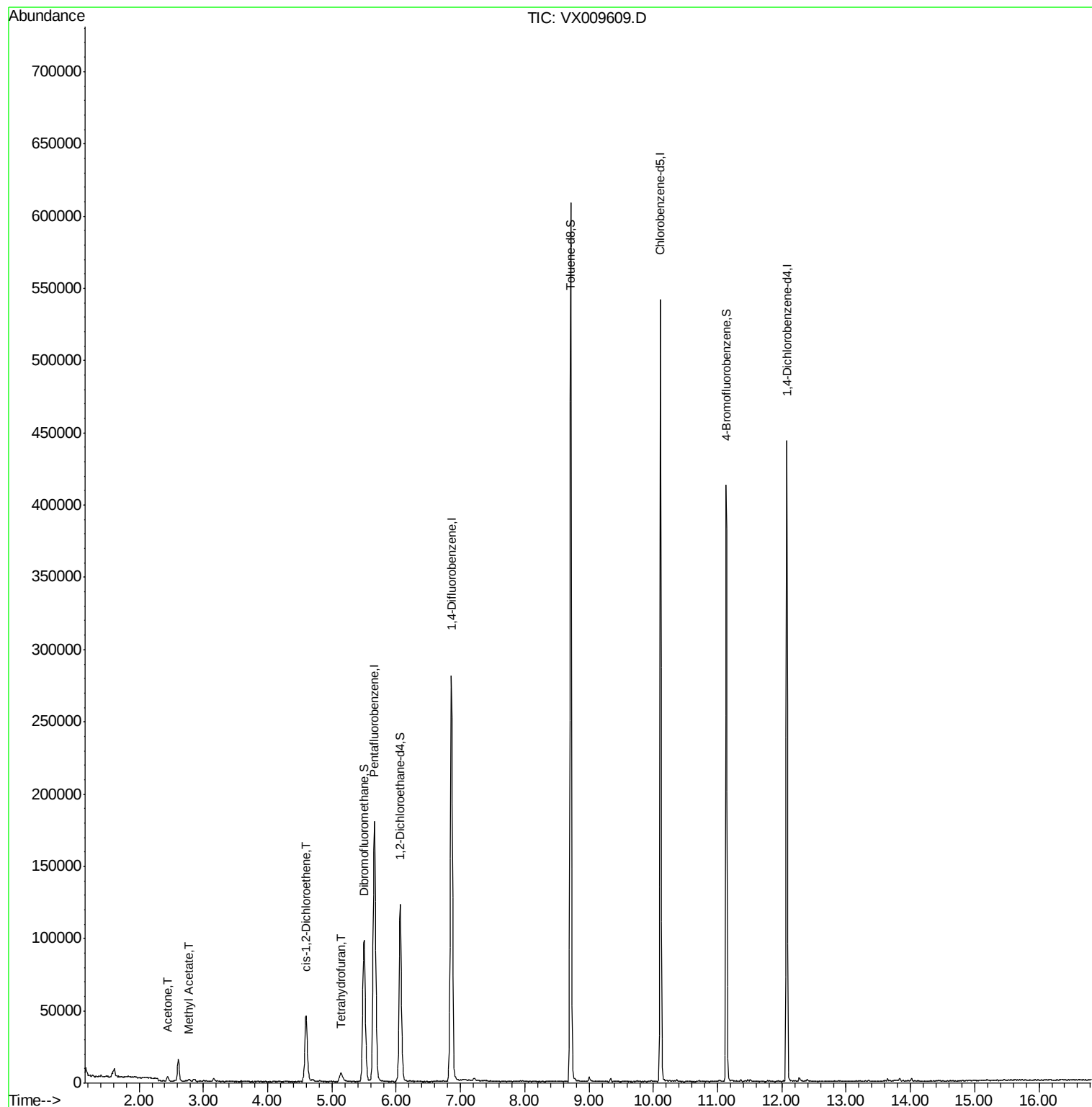
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114586	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
35) Dibromofluoromethane	5.50	113	84508	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	8.71	98	346447	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	107445	42.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.64%	
Target Compounds						
16) Acetone	2.45	43	3926	3.043	ug/l	89
18) Methyl Acetate	2.78	43	1791	0.584	ug/l #	88
27) cis-1,2-Dichloroethene	4.59	96	28191	13.185	ug/l	90
29) Tetrahydrofuran	5.15	42	6807	5.275	ug/l	97

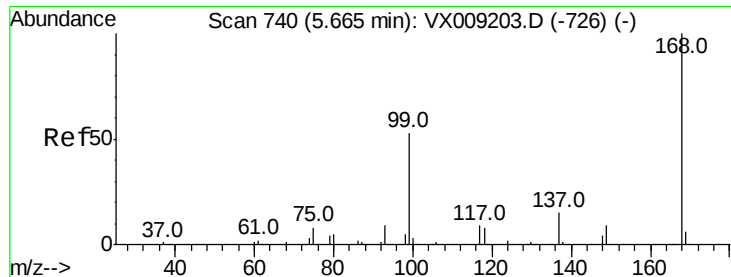
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
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: VX009609.D

Acq: 16 May 2019 15:57

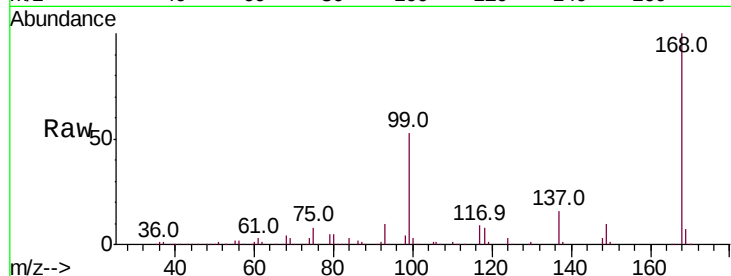
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tot Ion:168 Resp: 176035

Ion Ratio Lower Upper

168 100

99 53.1 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

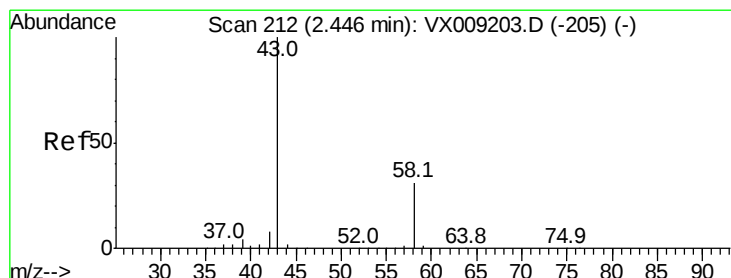
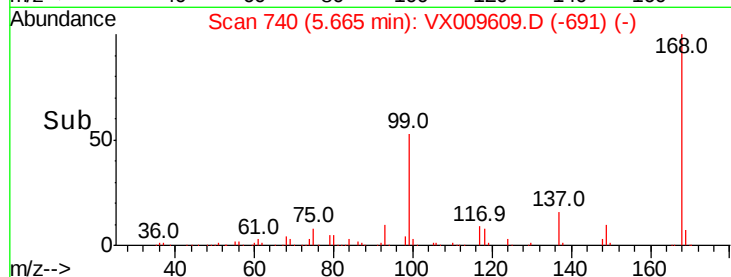
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.043 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009609.D

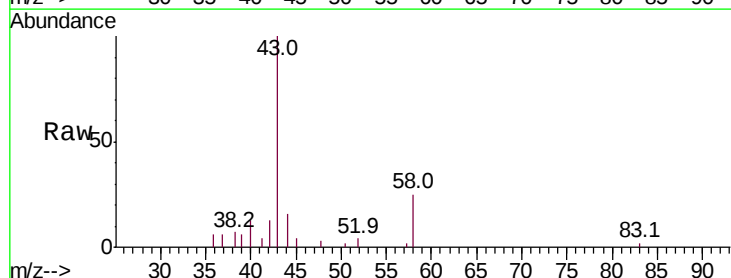
Acq: 16 May 2019 15:57

Tgt Ion: 43 Resp: 3926

Ion Ratio Lower Upper

43 100

58 25.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

1500

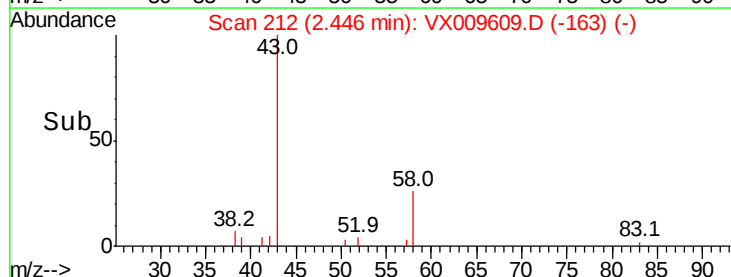
1000

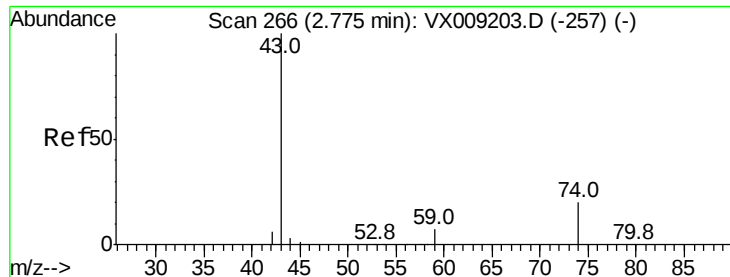
500

0

Time-->

2.40 2.45 2.50

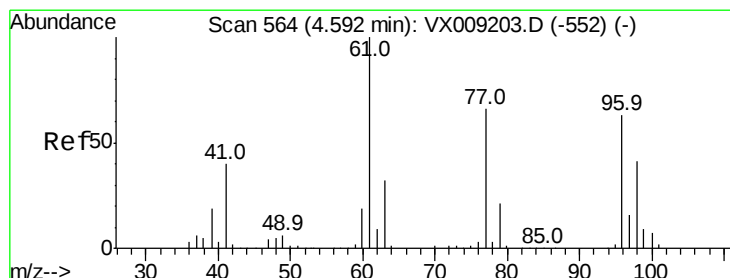
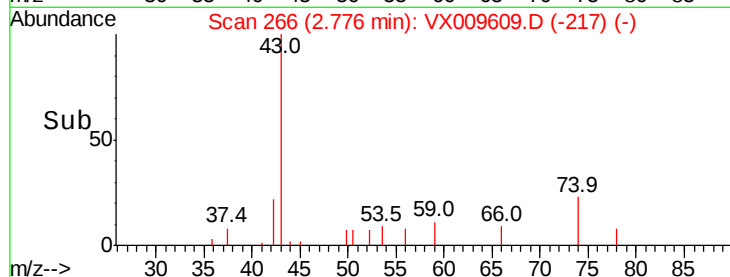
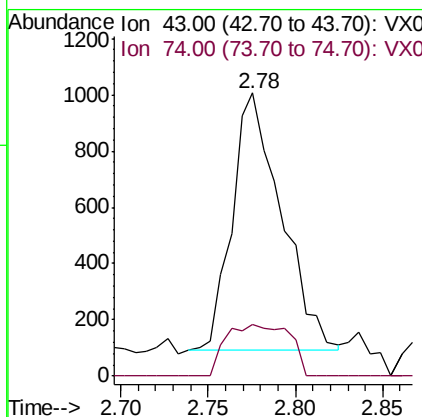
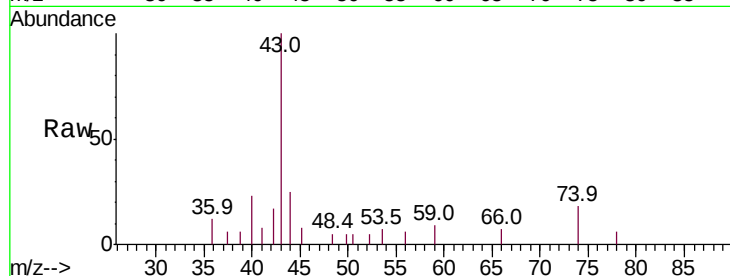




#18
Methvl Acetate
Concen: 0.584 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

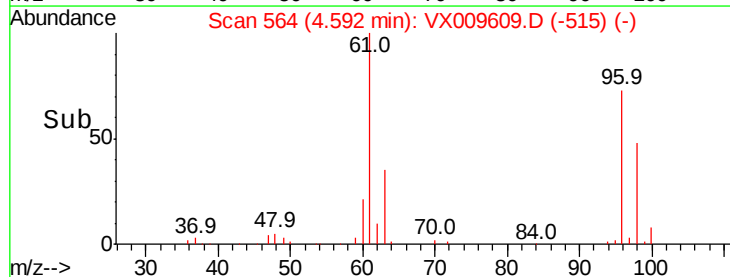
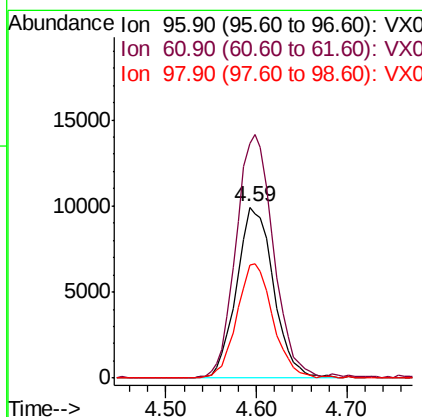
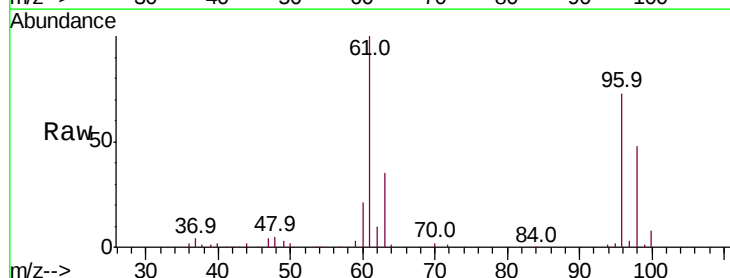
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

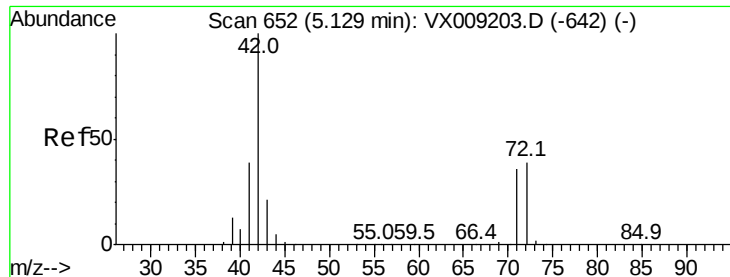
Tot Ion: 43 Resp: 1791
Ion Ratio Lower Upper
43 100
74 25.8 16.2 24.4#



#27
cis-1,2-Dichloroethene
Concen: 13.185 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion: 96 Resp: 28191
Ion Ratio Lower Upper
96 100
61 143.5 0.0 324.0
98 65.5 0.0 130.4





#29

Tetrahydrofuran

Concen: 5.275 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX009609.D

Acq: 16 May 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-WK-3

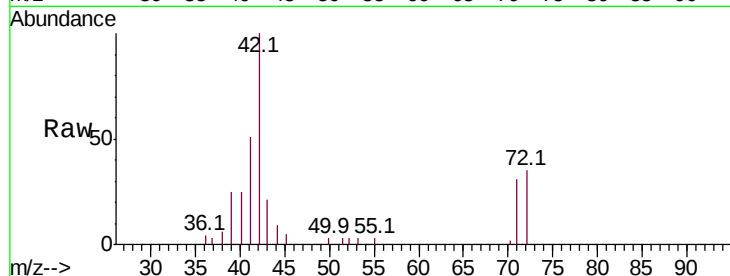
Tot Ion: 42 Resp: 6807

Ion Ratio Lower Upper

42 100

72 34.7 30.4 45.6

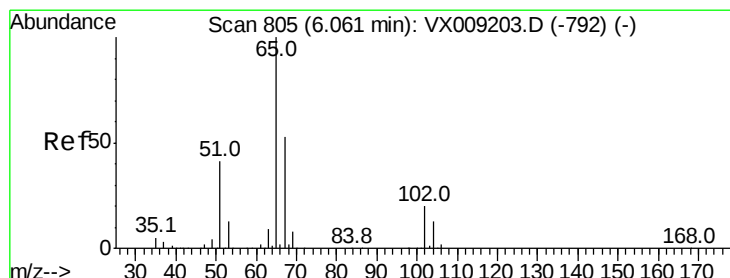
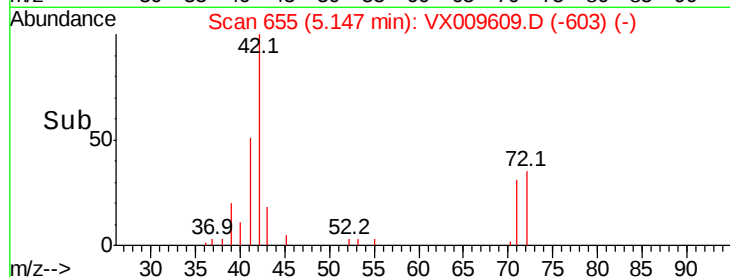
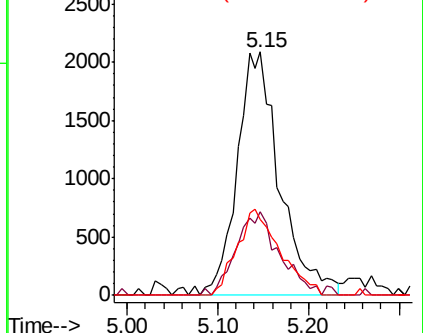
71 35.7 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.683 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009609.D

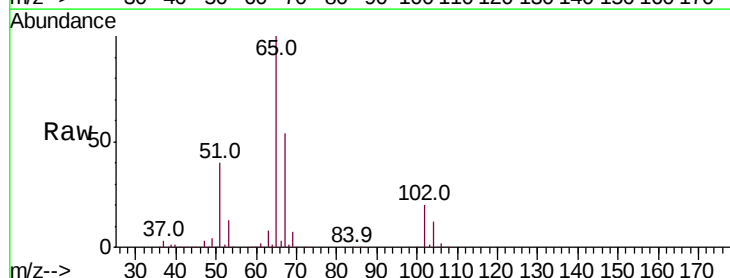
Acq: 16 May 2019 15:57

Tgt Ion: 65 Resp: 114586

Ion Ratio Lower Upper

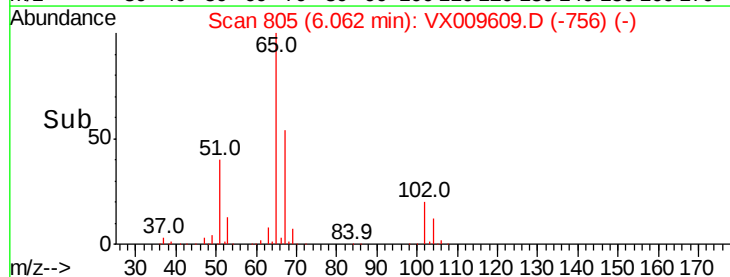
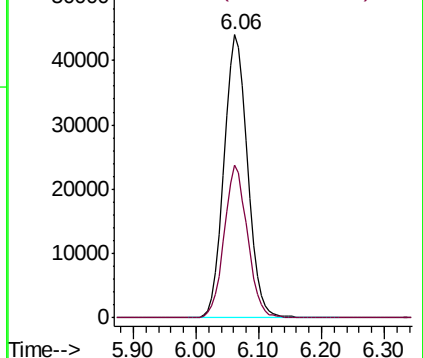
65 100

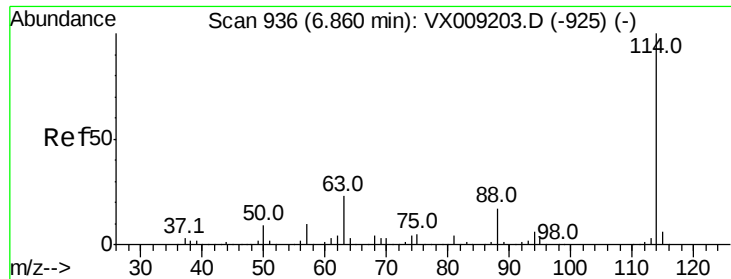
67 53.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

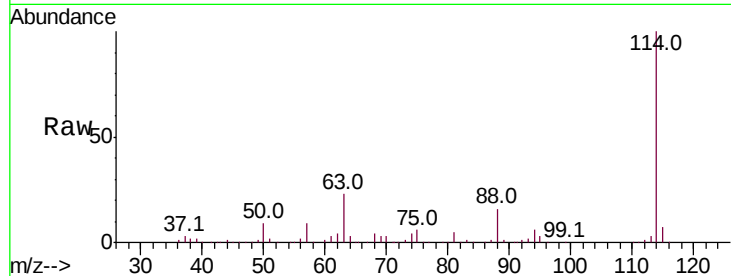




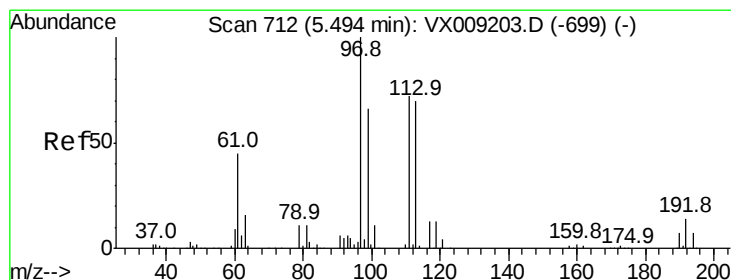
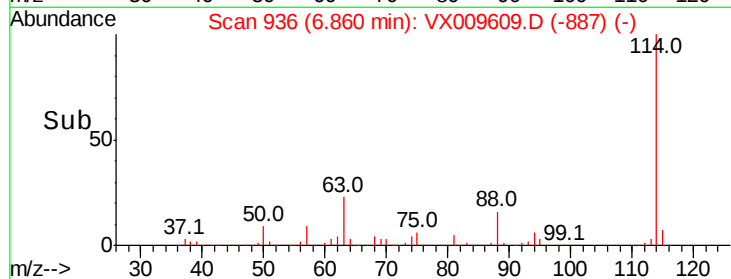
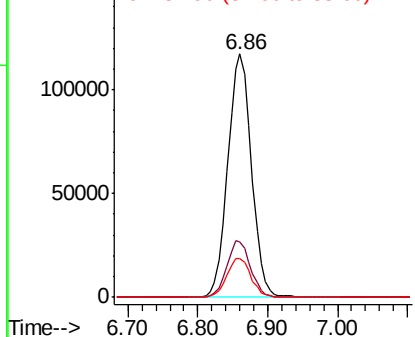
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009609.D
 Acq: 16 May 2019 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-WK-3

Tot Ion:114 Resp: 275295
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.1 0.0 33.2

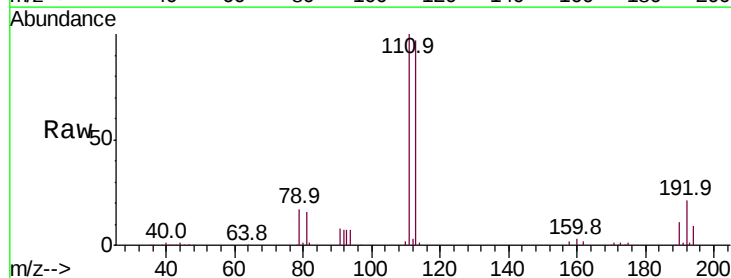


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

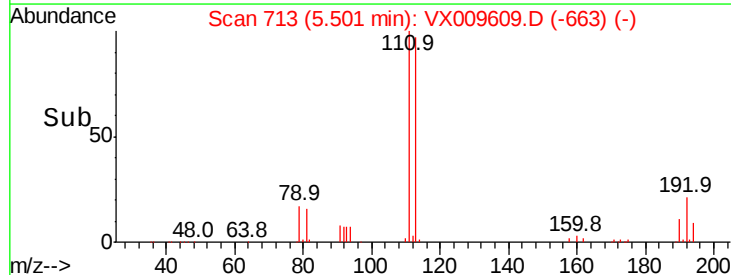
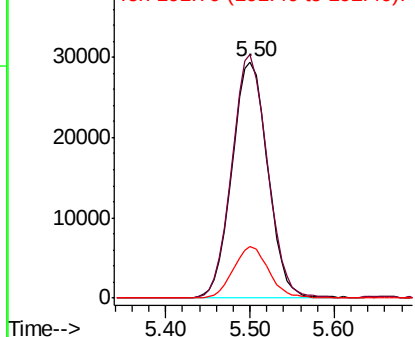


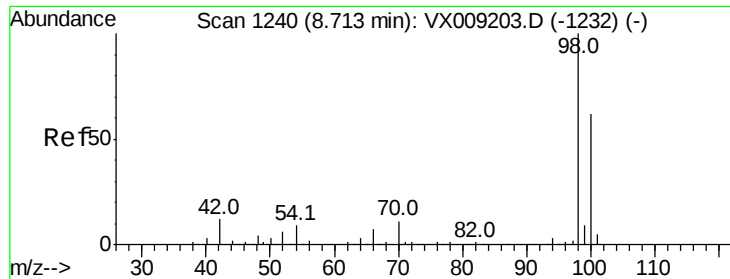
#35
 Dibromofluoromethane
 Concen: 48.831 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009609.D
 Acq: 16 May 2019 15:57

Tgt Ion:113 Resp: 84508
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 21.5 17.0 25.6



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: 49.585 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009609.D

Acq: 16 May 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

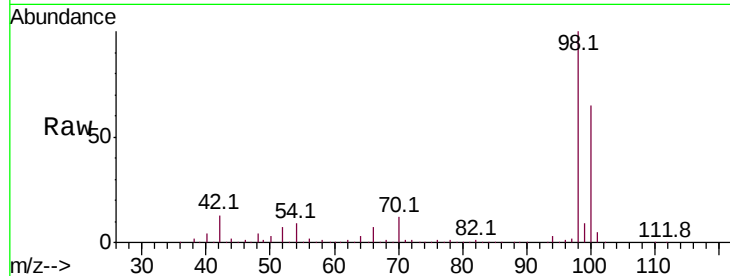
OUTFALL001-WK-3

Tot Ion: 98 Resp: 346447

Ion Ratio Lower Upper

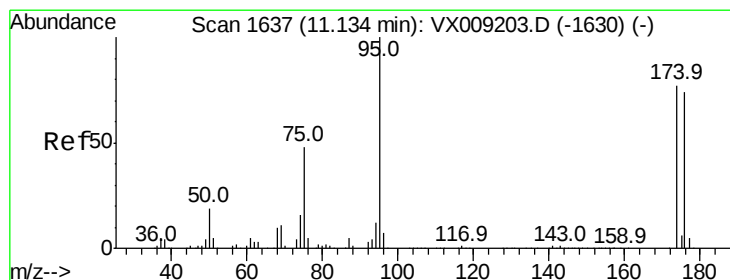
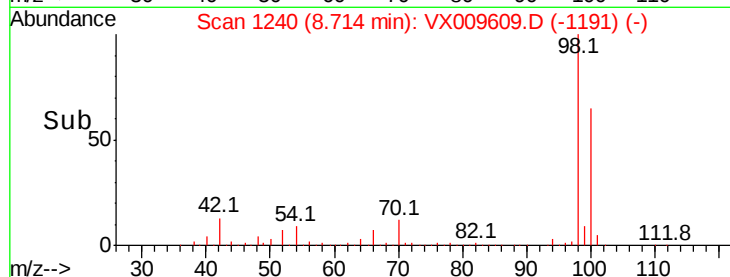
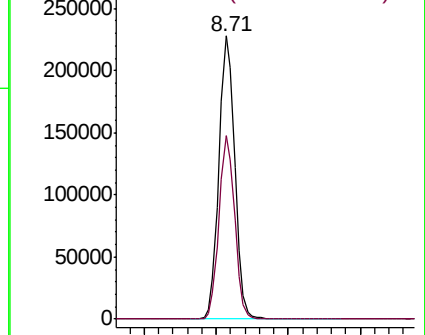
98 100

100 64.0 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: 42.321 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009609.D

Acq: 16 May 2019 15:57

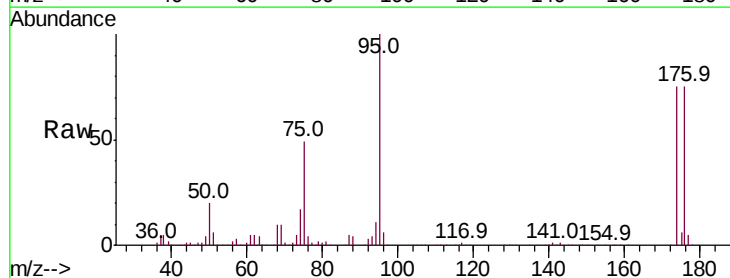
Tgt Ion: 95 Resp: 107445

Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.6

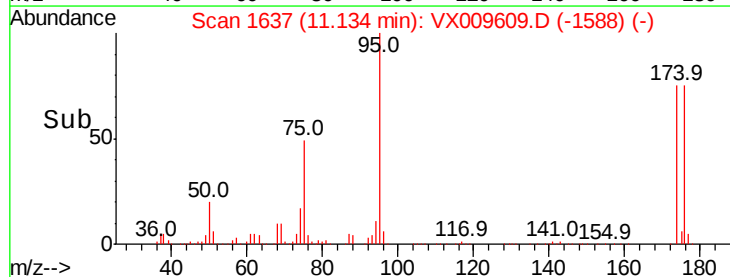
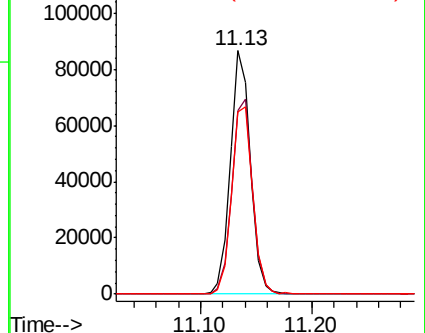
176 80.9 0.0 159.2

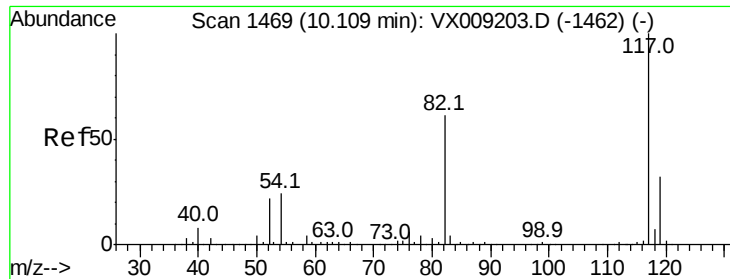


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

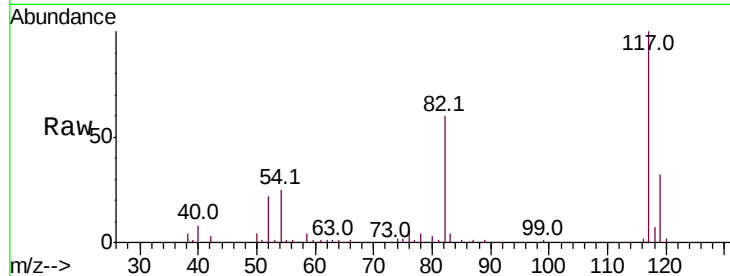




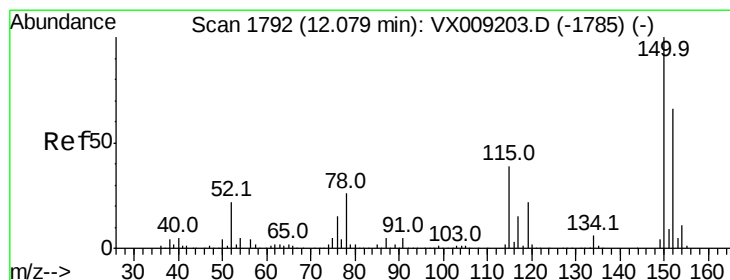
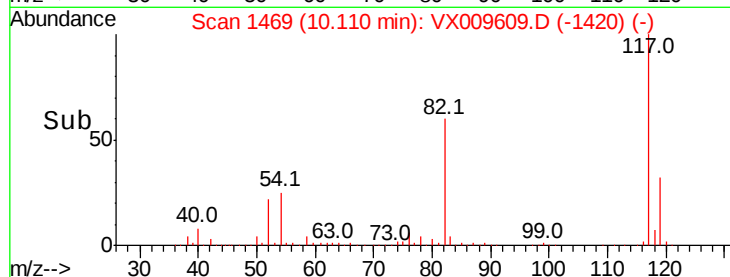
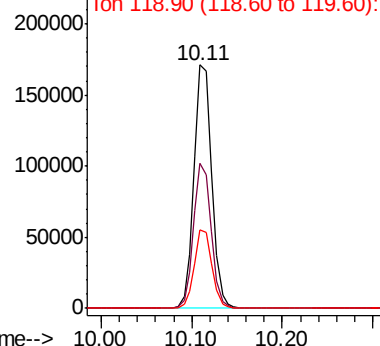
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-3

Tot Ion:117 Resp: 235269
Ion Ratio Lower Upper
117 100
82 59.5 48.8 73.2
119 32.2 25.8 38.6

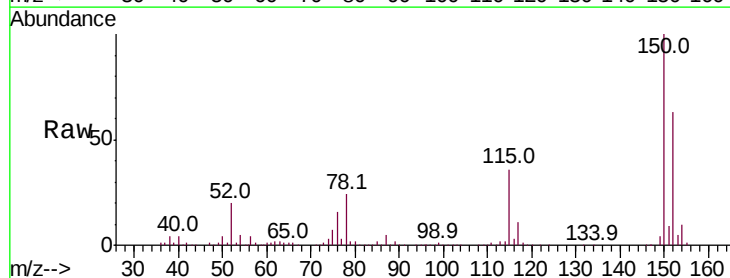


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009609.D
Acq: 16 May 2019 15:57

Tgt Ion:152 Resp: 93169
Ion Ratio Lower Upper
152 100
115 58.5 41.2 123.6
150 157.5 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

