

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006300.D
 Acq On : 05 Dec 2018 15:04
 Operator : JC/MD
 Sample : J6241-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-181204

Quant Time: Dec 06 00:16:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	821559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1250641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1128103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	542519	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	407495	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
35) Dibromofluoromethane	5.51	113	389062	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
50) Toluene-d8	8.71	98	1450002	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.13	95	540087	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	

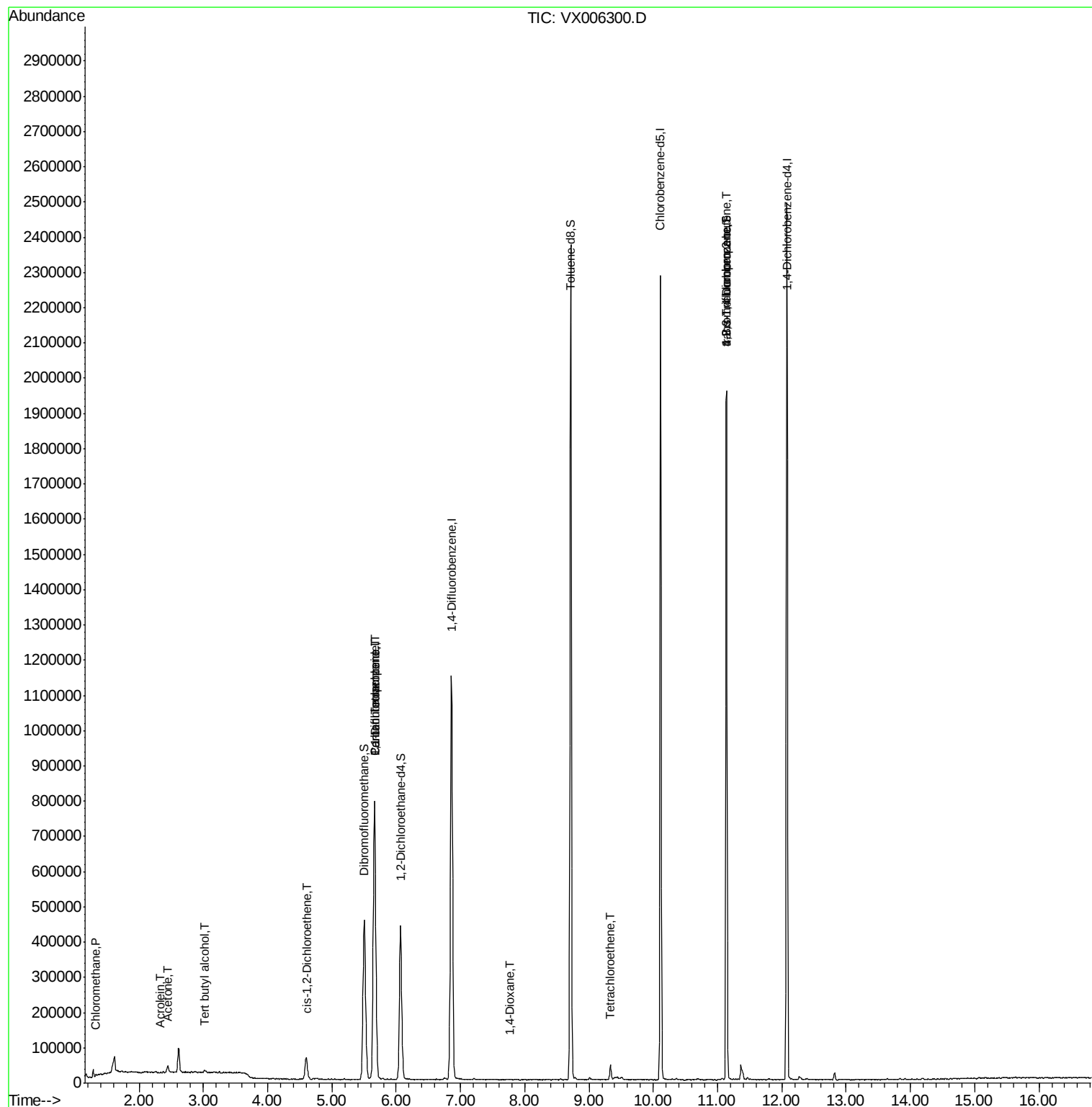
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	3826	0.463	ug/l	95
11) Tert butyl alcohol	3.01	59	4199	1.831	ug/l #	82
13) Acrolein	2.32	56	422	0.337	ug/l #	74
16) Acetone	2.45	43	23092	5.867	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	42165	4.772	ug/l	88
36) 1,1-Dichloropropene	5.66	75	50317	4.778	ug/l #	39
38) Carbon Tetrachloride	5.67	117	73664	5.946	ug/l #	16
49) 1,4-Dioxane	7.76	88	123	0.522	ug/l #	1
64) Tetrachloroethene	9.34	164	1983	0.233	ug/l #	81
76) 1,2,3-Trichloropropane	11.13	75	240084	22.927	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	240084	53.804	ug/l #	15

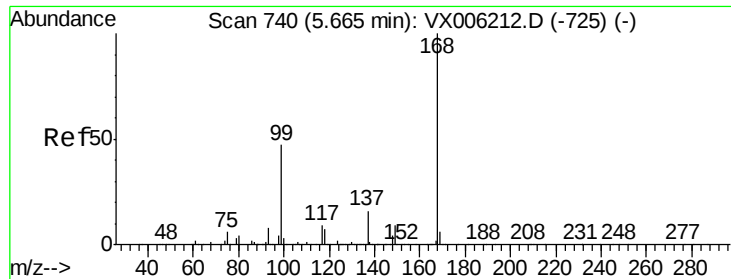
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120518\
Data File : VX006300.D
Acq On : 05 Dec 2018 15:04
Operator : JC/MD
Sample : J6241-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-181204

Quant Time: Dec 06 00:16:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration



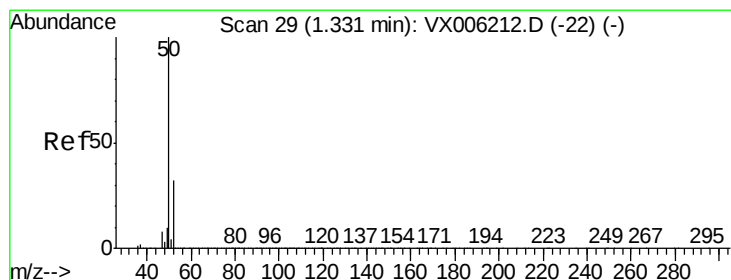
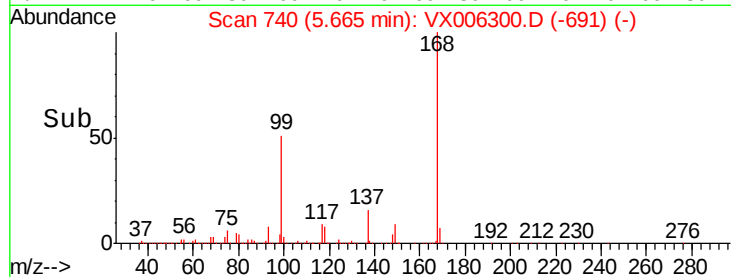
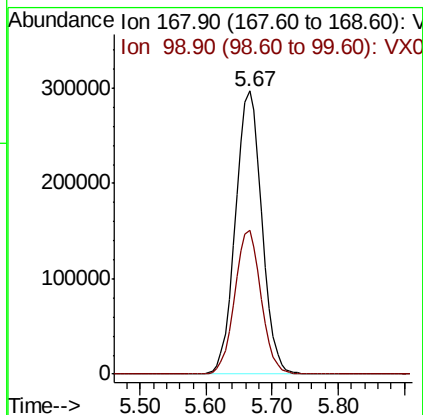
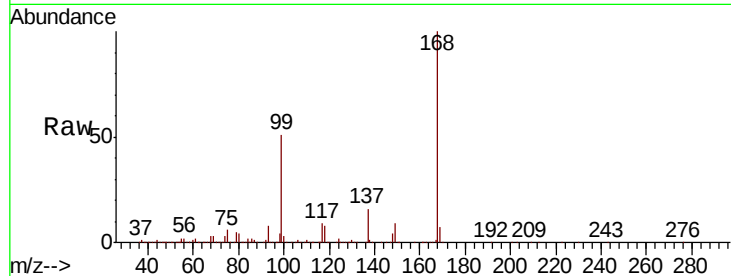


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX006300.D
 Acq: 05 Dec 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-181204

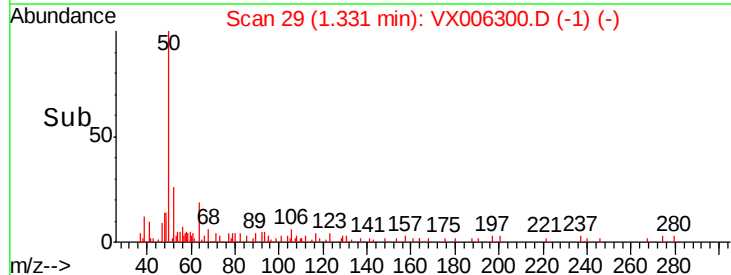
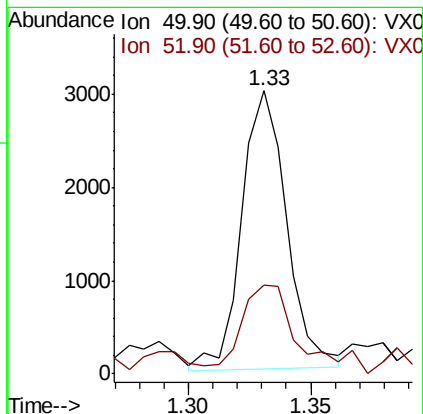
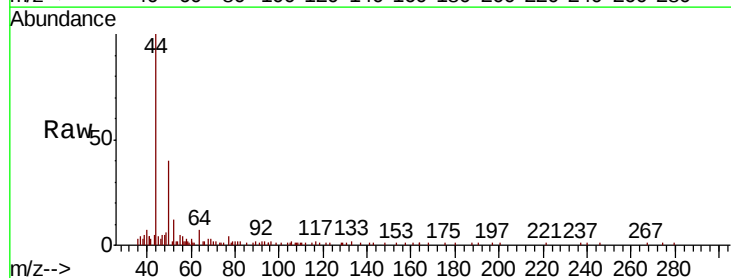
Tot Ion:168 Resp: 821559
 Ion Ratio Lower Upper
 168 100
 99 50.6 37.8 56.8

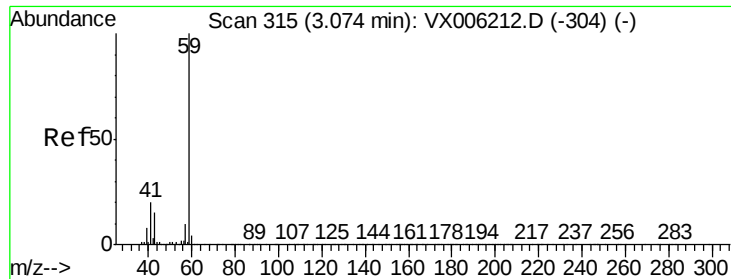


#3

Chloromethane
 Concen: 0.463 ug/l
 RT: 1.33 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: VX006300.D
 Acq: 05 Dec 2018 15:04

Tgt Ion: 50 Resp: 3826
 Ion Ratio Lower Upper
 50 100
 52 28.5 25.2 37.8



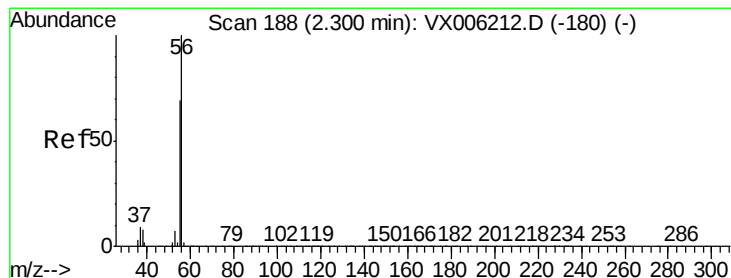
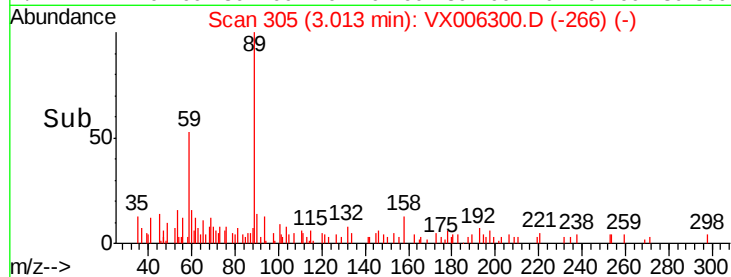
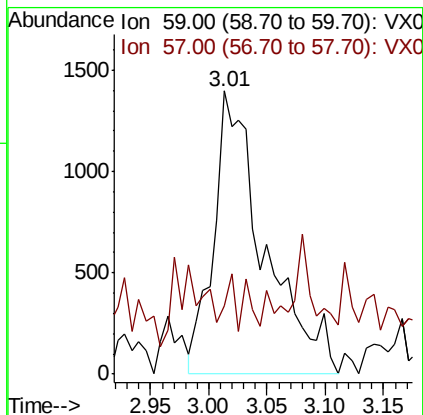
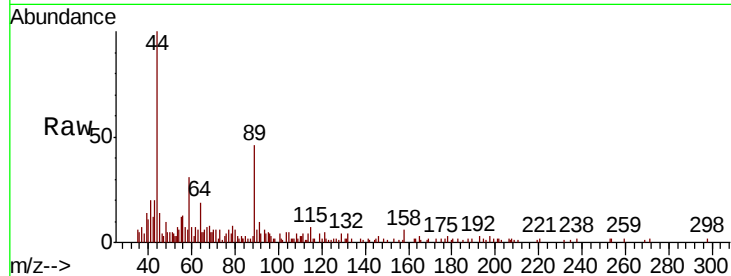


#11

Tert butyl alcohol
Concen: 1.831 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.06 min
Lab File: VX006300.D
Acq: 05 Dec 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-181204

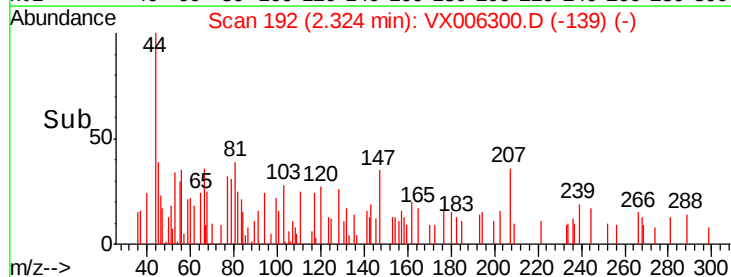
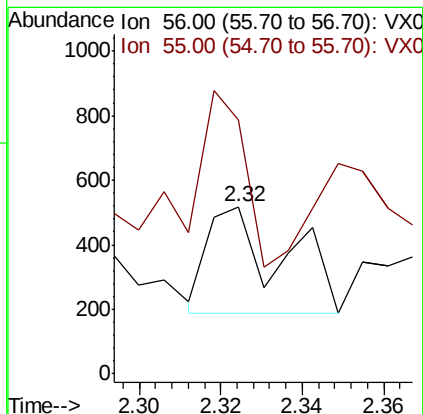
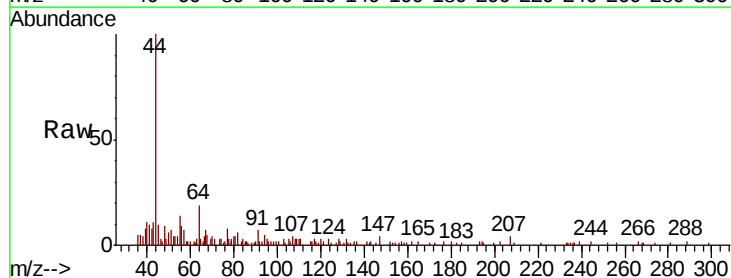
Tot Ion: 59 Resp: 4199
Ion Ratio Lower Upper
59 100
57 3.5 8.2 12.2#

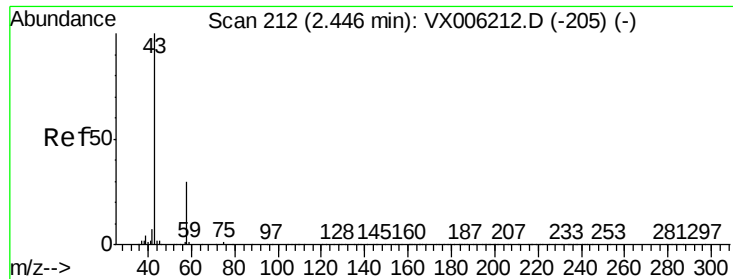


#13

Acrolein
Concen: 0.337 ug/l
RT: 2.32 min Scan# 192
Delta R.T. 0.02 min
Lab File: VX006300.D
Acq: 05 Dec 2018 15:04

Tgt Ion: 56 Resp: 422
Ion Ratio Lower Upper
56 100
55 94.1 57.8 86.6#





#16

Acetone

Concen: 5.867 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006300.D

Acq: 05 Dec 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

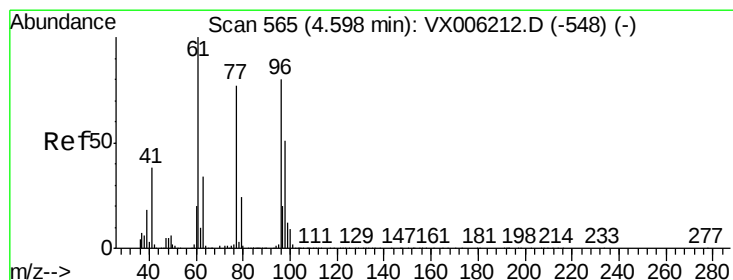
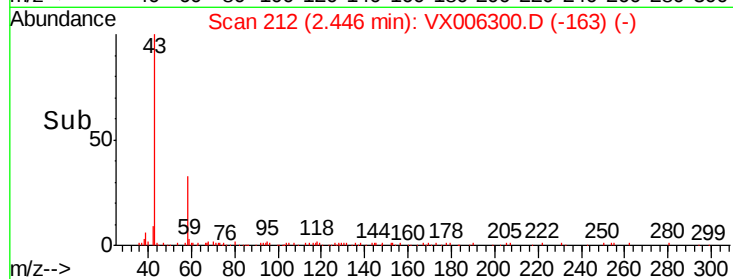
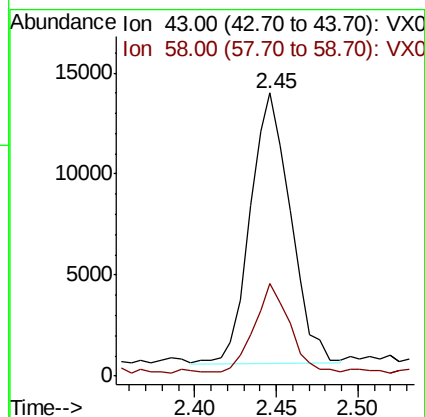
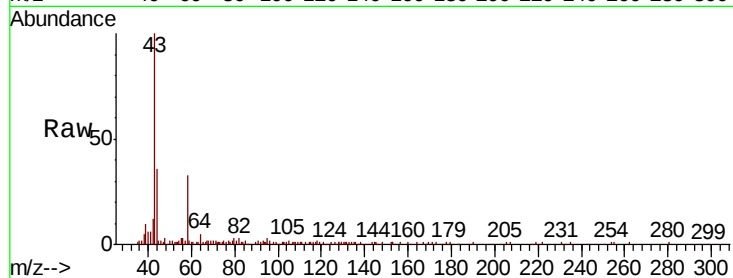
OUTFALL001-181204

Tot Ion: 43 Resp: 23092

Ion Ratio Lower Upper

43 100

58 32.8 24.0 36.0



#27

cis-1,2-Dichloroethene

Concen: 4.772 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX006300.D

Acq: 05 Dec 2018 15:04

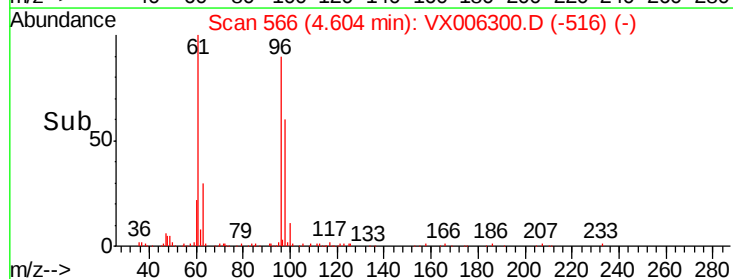
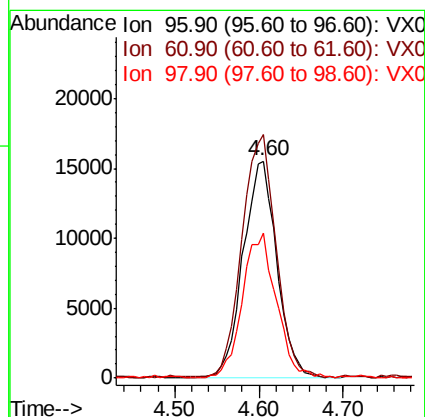
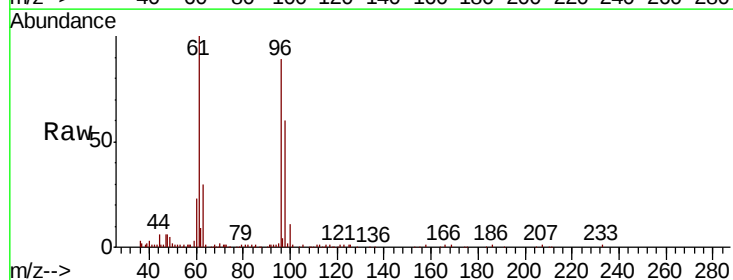
Tgt Ion: 96 Resp: 42165

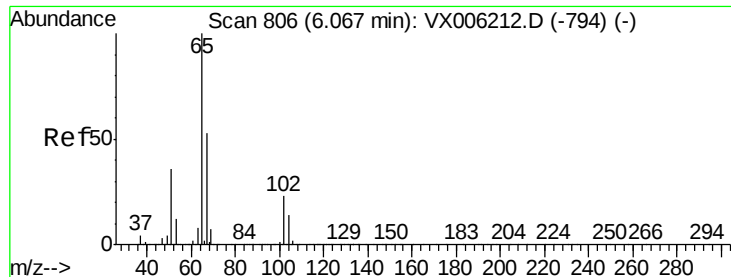
Ion Ratio Lower Upper

96 100

61 113.6 0.0 265.0

98 67.2 0.0 130.2

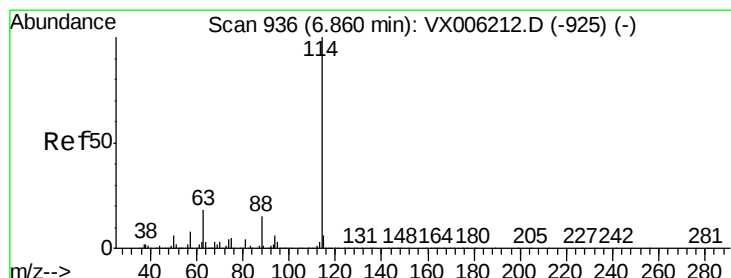
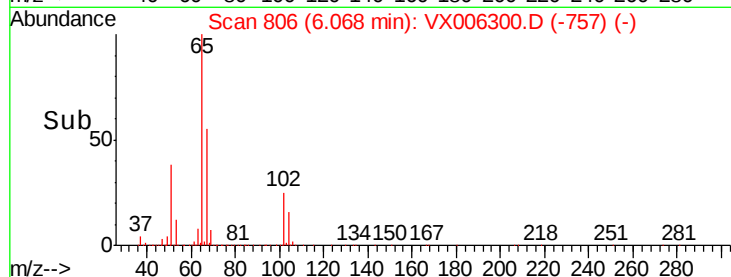
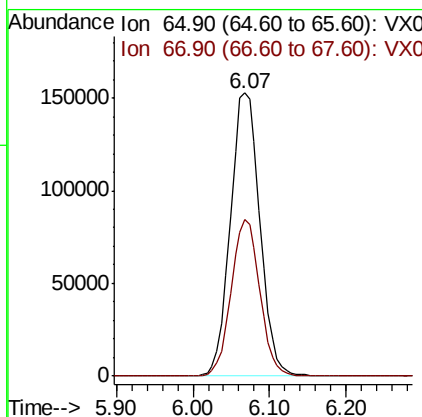
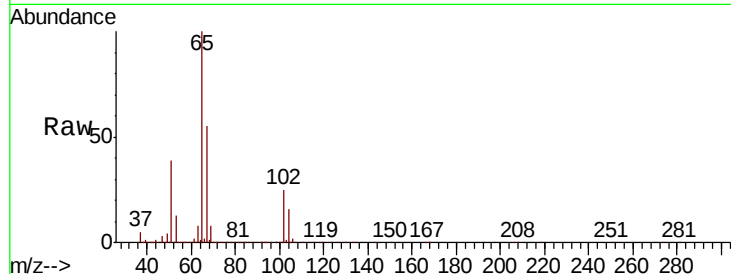




#33
 1,2-Dichloroethane-d4
 Concen: 48.588 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006300.D
 Acq: 05 Dec 2018 15:04

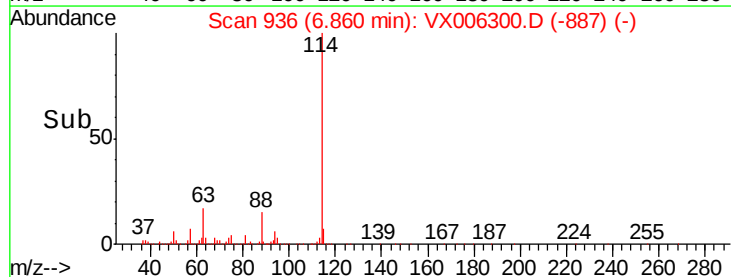
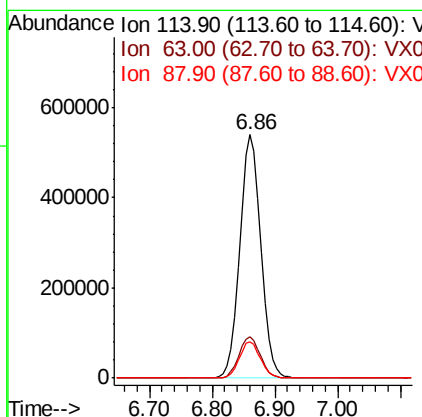
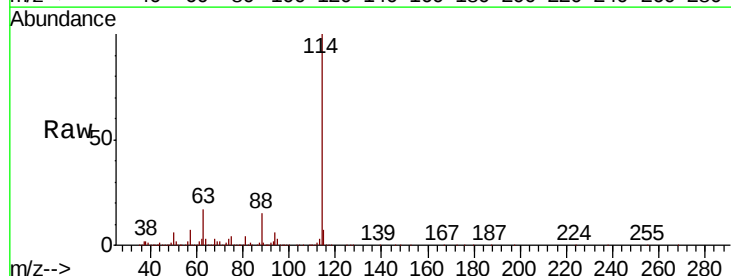
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-181204

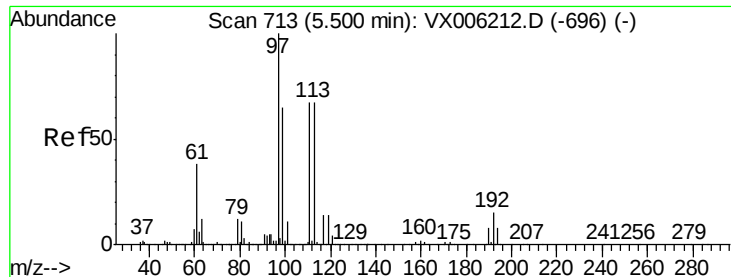
Tot Ion: 65 Resp: 407495
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006300.D
 Acq: 05 Dec 2018 15:04

Tgt Ion: 114 Resp: 1250641
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 36.6
 88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.048 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006300.D

Acq: 05 Dec 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-181204

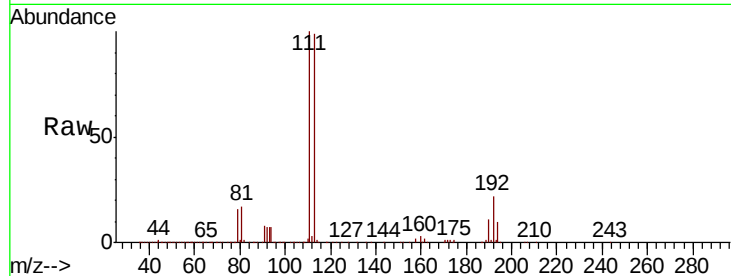
Tot Ion:113 Resp: 389062

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

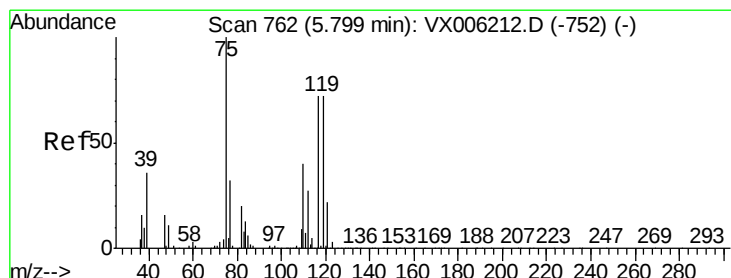
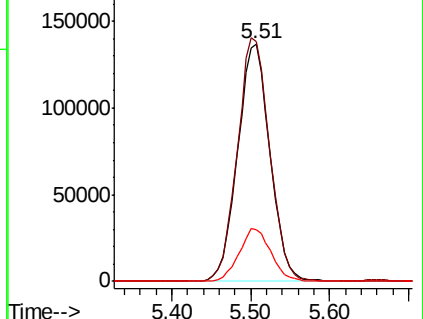
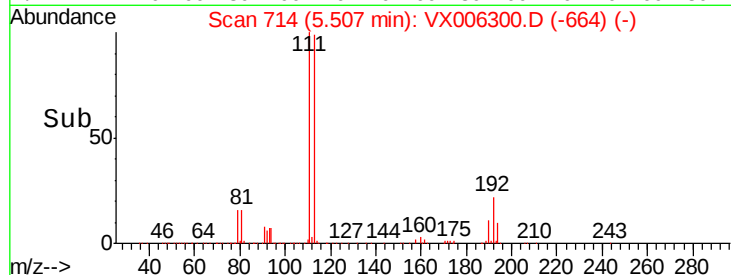
192 21.8 18.2 27.2



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



#36

1,1-Dichloropropene

Concen: 4.778 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006300.D

Acq: 05 Dec 2018 15:04

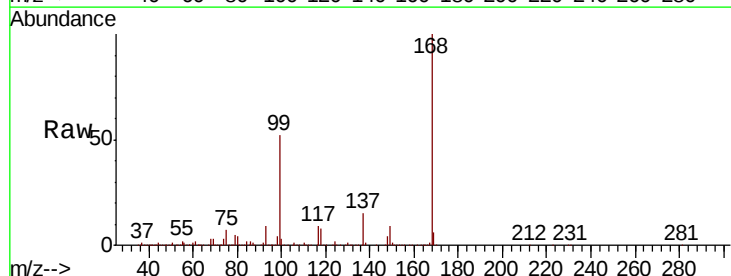
Tgt Ion: 75 Resp: 50317

Ion Ratio Lower Upper

75 100

110 0.0 20.4 61.3#

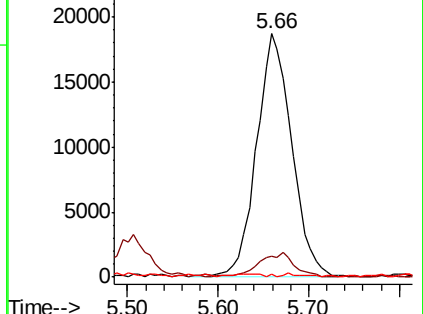
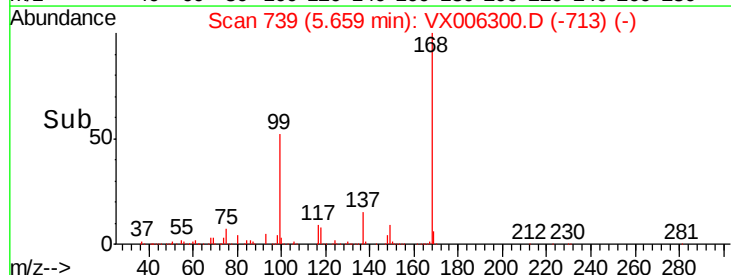
77 1.3 24.9 37.3#

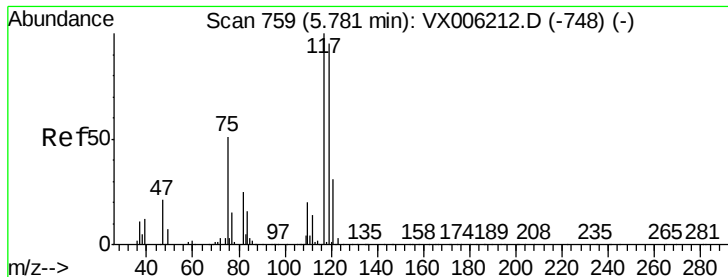


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.946 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006300.D

Acq: 05 Dec 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-181204

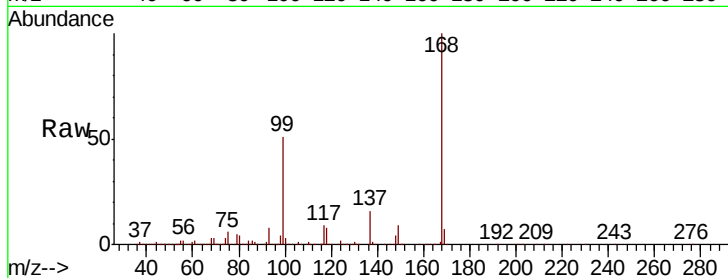
Tot Ion:117 Resp: 73664

Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.8#

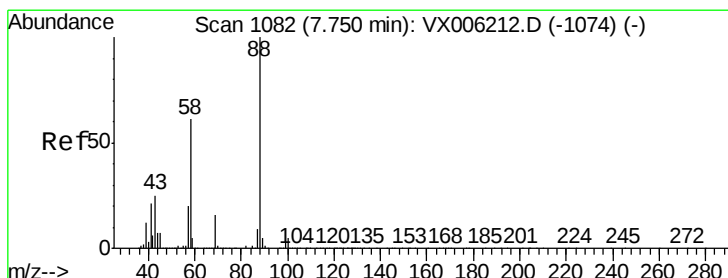
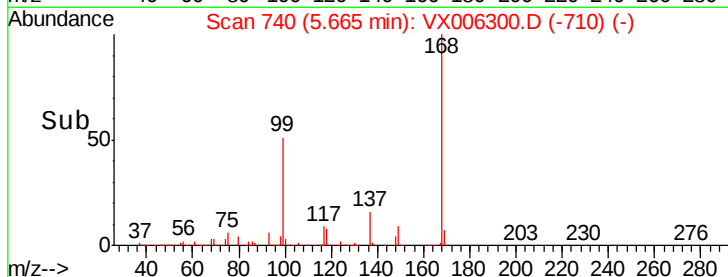
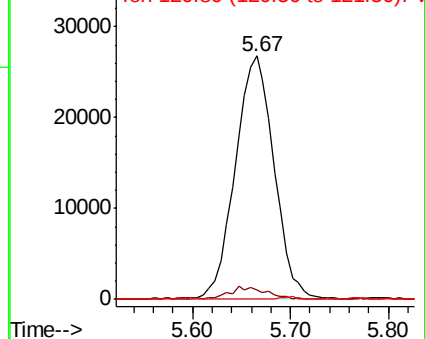
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.522 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX006300.D

Acq: 05 Dec 2018 15:04

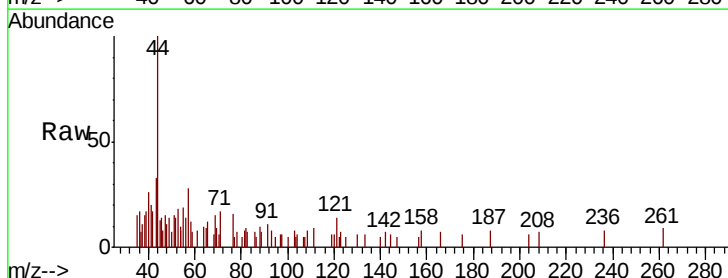
Tgt Ion: 88 Resp: 123

Ion Ratio Lower Upper

88 100

43 173.2 23.2 34.8#

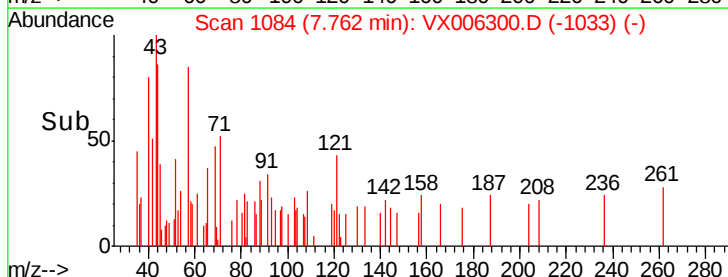
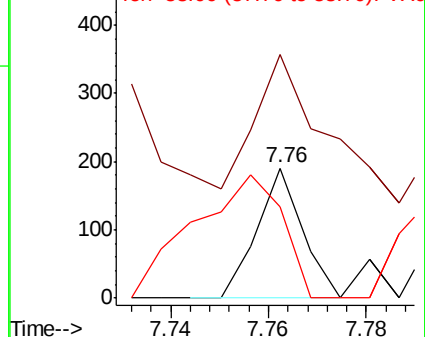
58 185.4 51.4 77.0#

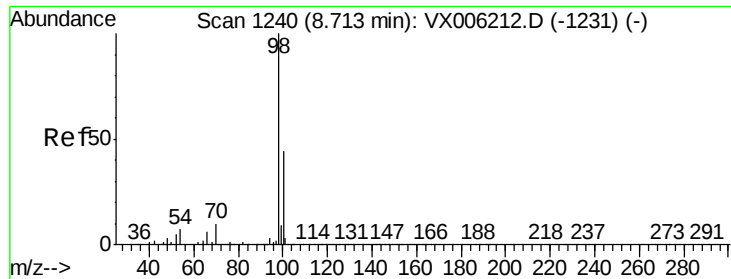


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.230 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006300.D

Acq: 05 Dec 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

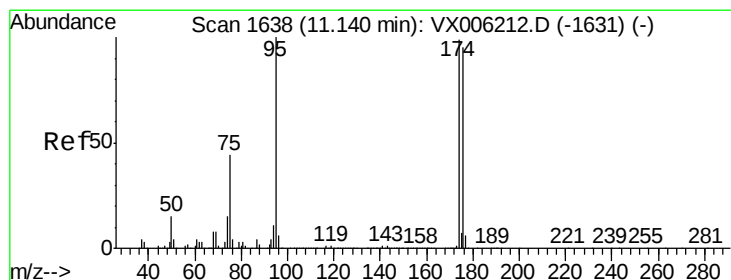
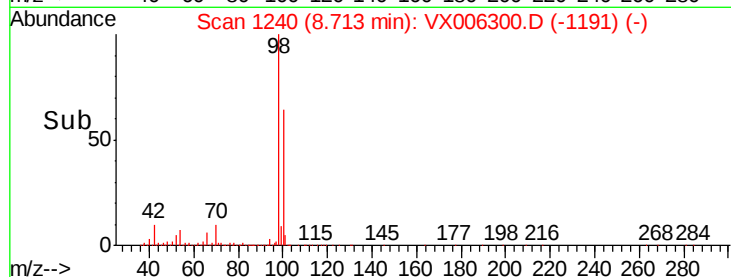
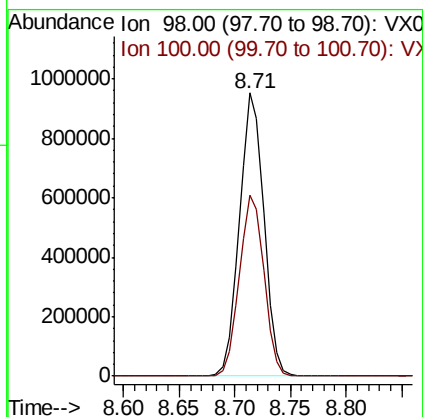
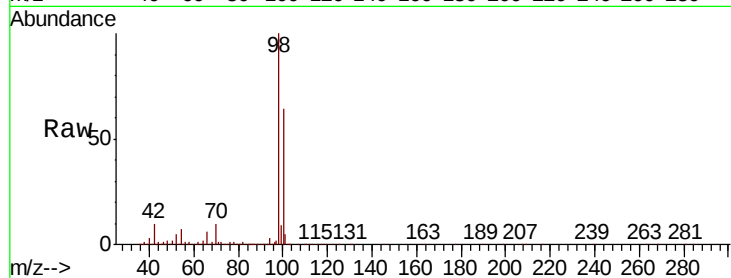
OUTFALL001-181204

Tot Ion: 98 Resp: 1450002

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.661 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006300.D

Acq: 05 Dec 2018 15:04

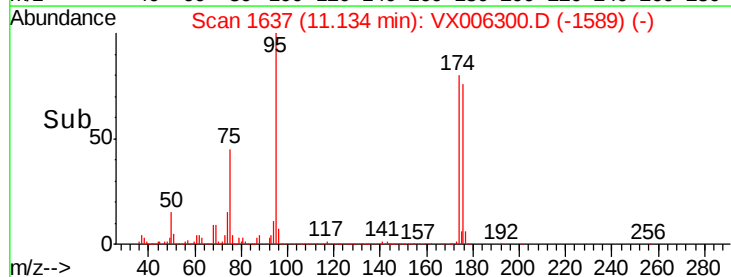
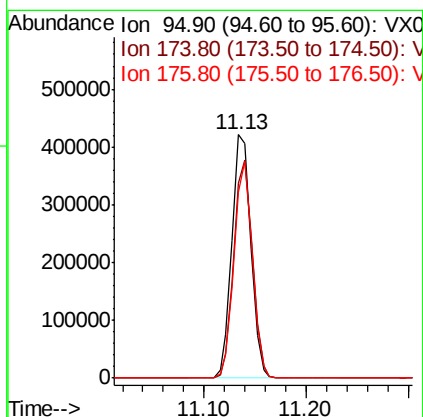
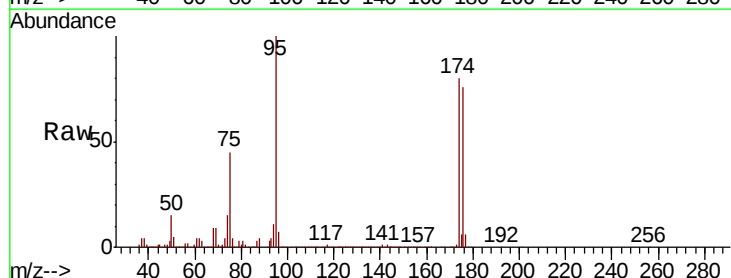
Tgt Ion: 95 Resp: 540087

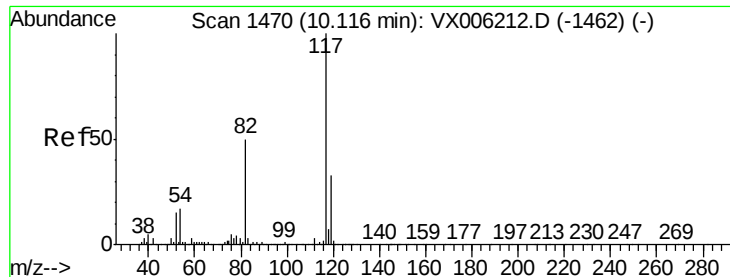
Ion Ratio Lower Upper

95 100

174 87.9 0.0 187.0

176 85.5 0.0 181.8

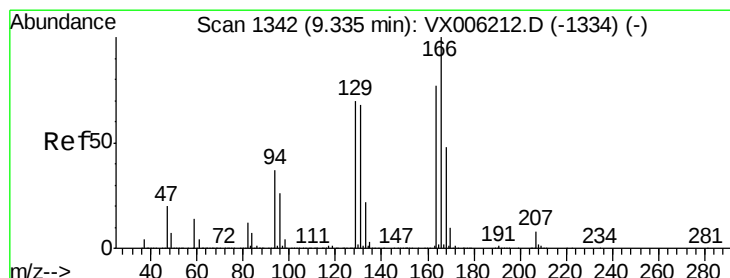
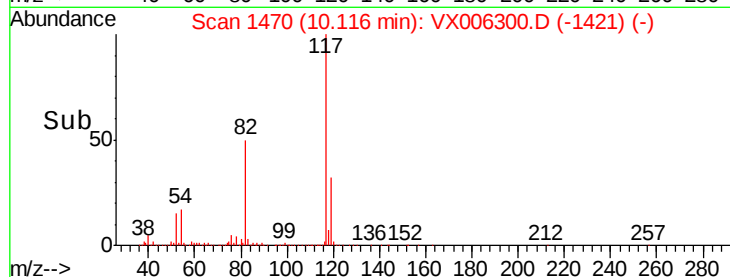
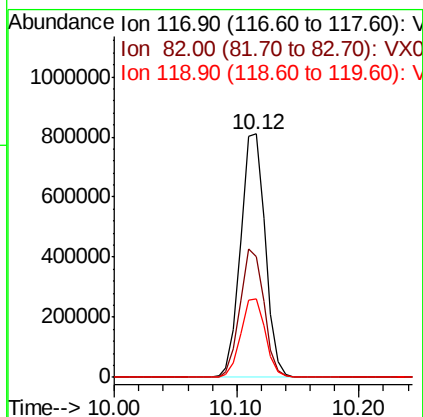
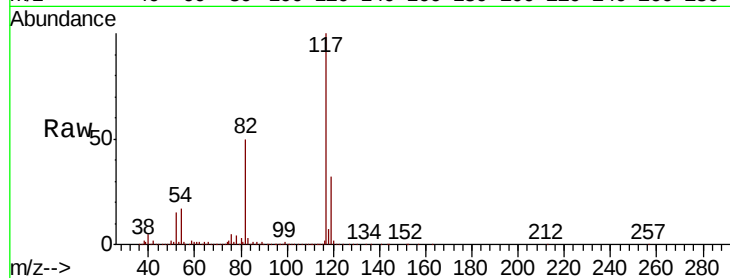




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006300.D
Acq: 05 Dec 2018 15:04

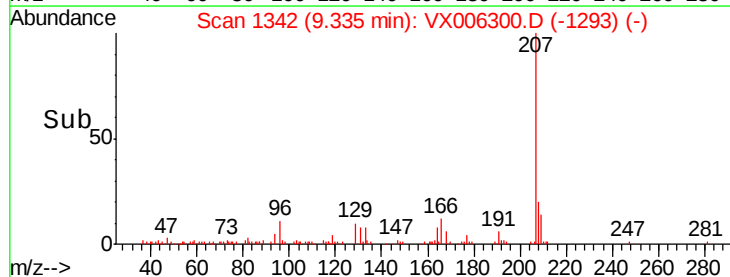
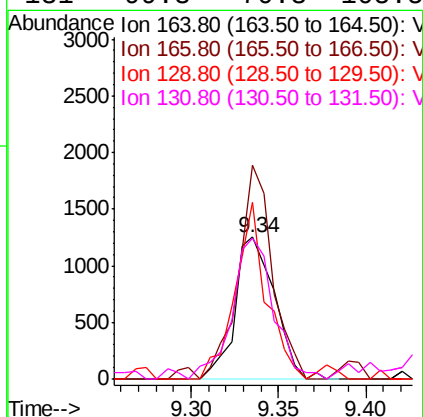
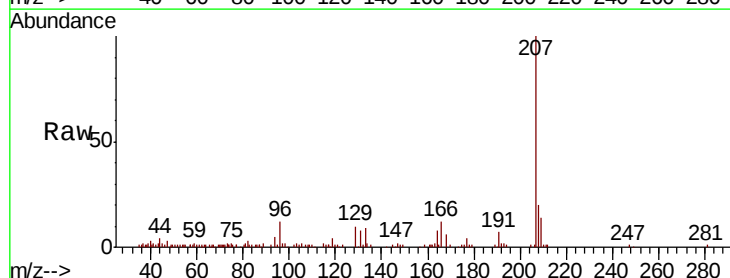
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-181204

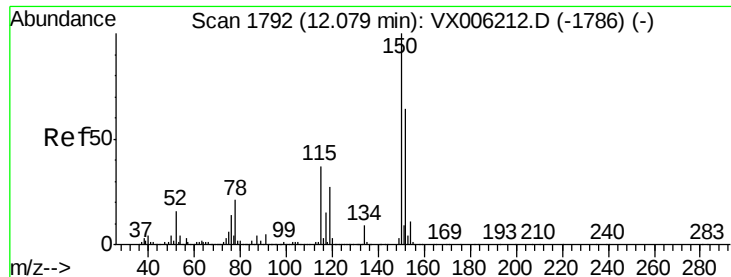
Tot Ion:117 Resp: 1128103
Ion Ratio Lower Upper
117 100
82 49.6 39.6 59.4
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 0.233 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006300.D
Acq: 05 Dec 2018 15:04

Tgt Ion:164 Resp: 1983
Ion Ratio Lower Upper
164 100
166 144.0 104.2 156.2
129 124.4 72.6 108.8#
131 99.3 70.3 105.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006300.D

Acq: 05 Dec 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-181204

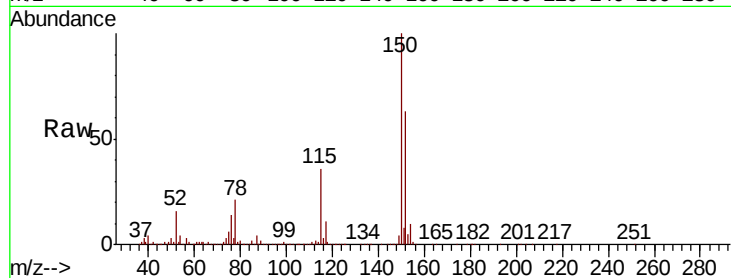
Tot Ion:152 Resp: 542519

Ion Ratio Lower Upper

152 100

115 56.4 39.0 116.9

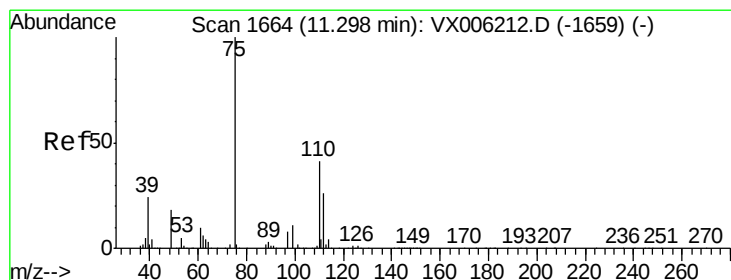
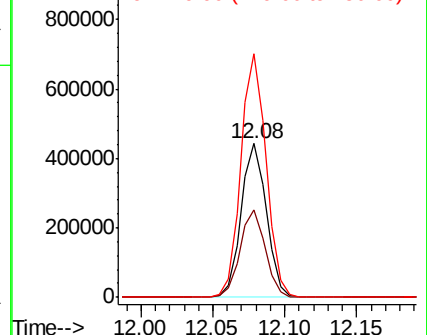
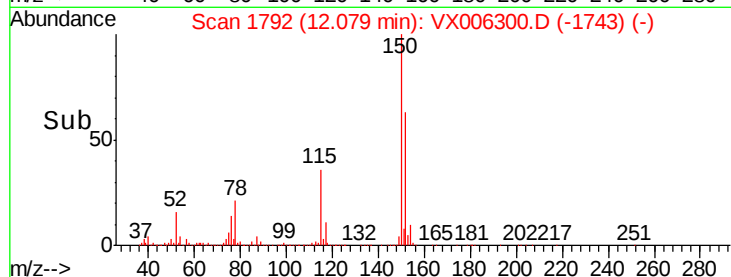
150 158.1 0.0 345.8



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



#76

1,2,3-Trichloropropane

Concen: 22.927 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006300.D

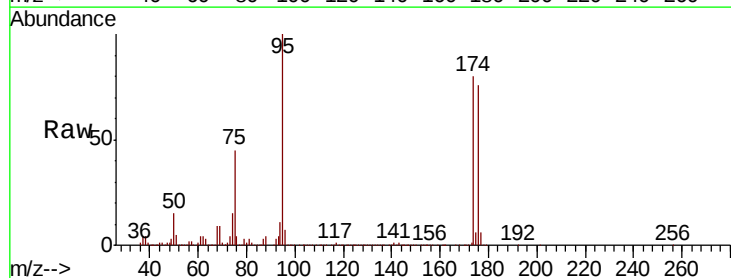
Acq: 05 Dec 2018 15:04

Tgt Ion: 75 Resp: 240084

Ion Ratio Lower Upper

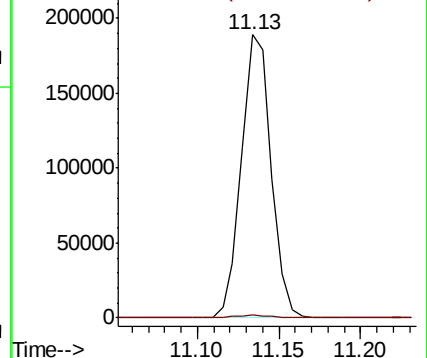
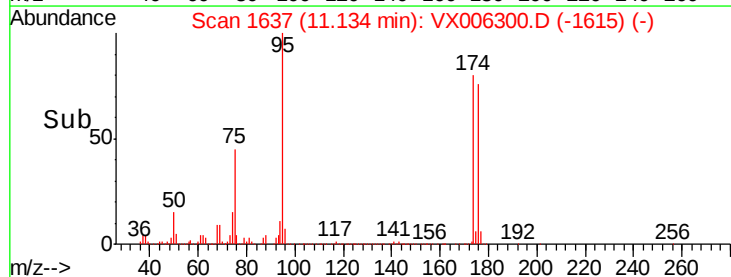
75 100

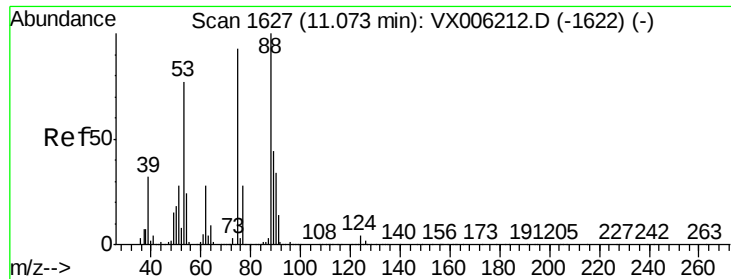
77 1.2 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.804 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006300.D

Acq: 05 Dec 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-181204

Tot Ion: 75 Resp: 240084

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.1 44.2 66.4#

