

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001550.D
 Acq On : 09 May 2018 08:14
 Operator : JC/MD
 Sample : J2689-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-180501

Quant Time: May 09 08:37:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331073	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163491	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204752	59.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.50%	
35) Dibromofluoromethane	5.51	113	158883	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
50) Toluene-d8	8.72	98	566988	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	11.14	95	185929	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	

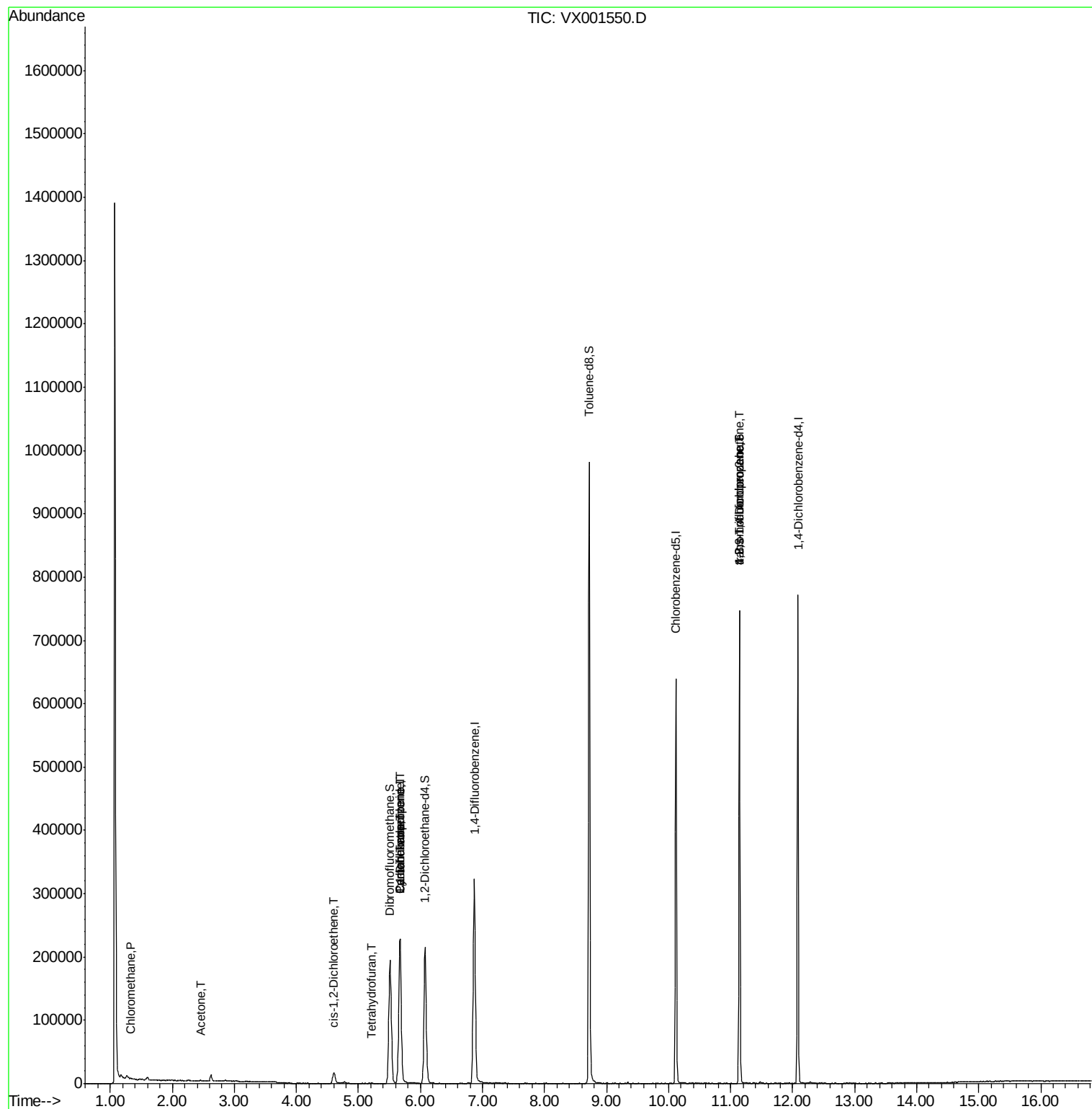
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	681	0.22	ug/l	92
5) Bromomethane	1.65	94	529	Below	Cal #	67
13) Acrolein	2.31	56	62	Below	Cal #	45
16) Acetone	2.45	43	1163	0.74	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	10259	3.24	ug/l	95
29) Tetrahydrofuran	5.20	42	447	0.31	ug/l #	37
31) Cyclohexane	5.67	56	4524	1.02	ug/l #	33
36) 1,1-Dichloropropene	5.67	75	15040	3.57	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20792	4.63	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	93743	28.27	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	93743	86.70	ug/l #	7

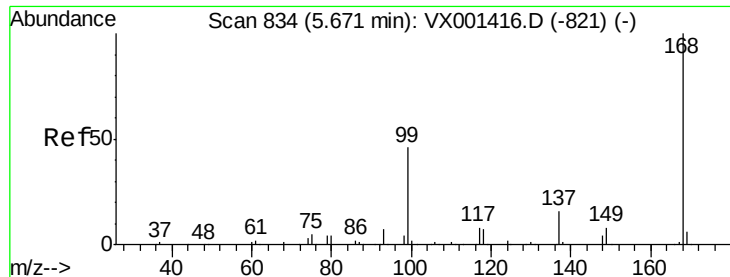
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001550.D

Acq: 09 May 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

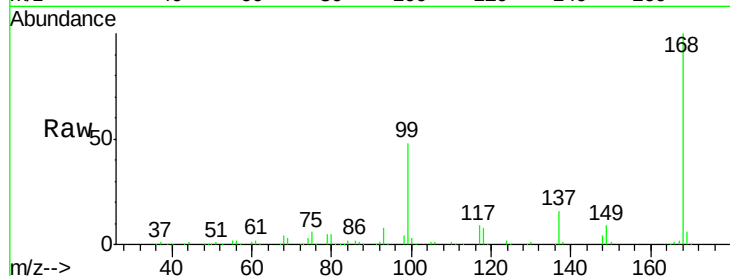
OUTFALL001-180501

Tgt Ion:168 Resp: 240423

Ion Ratio Lower Upper

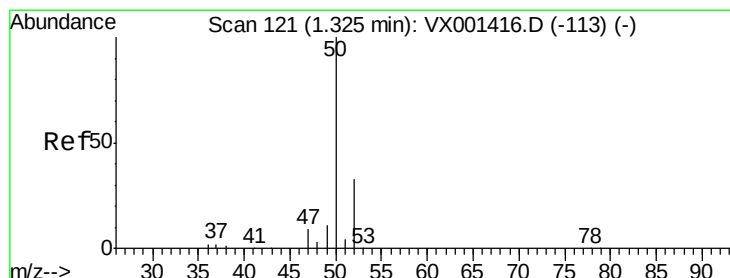
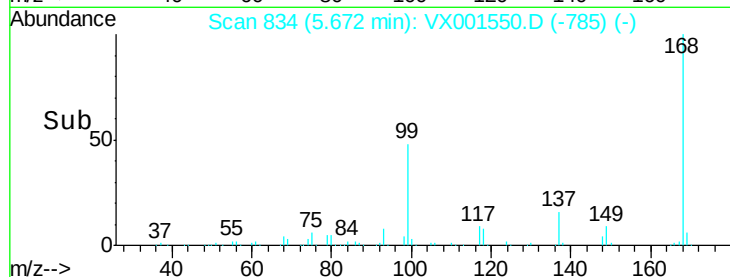
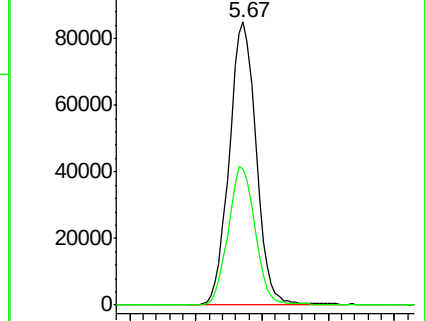
168 100

99 48.1 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.22 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX001550.D

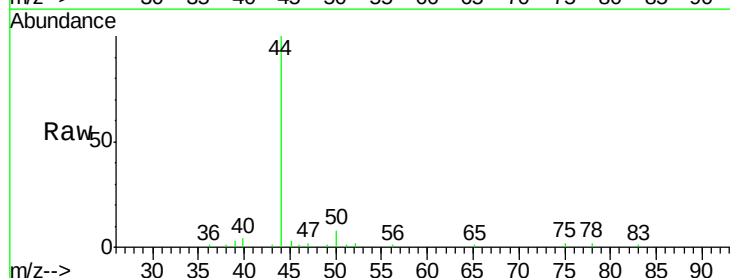
Acq: 09 May 2018 08:14

Tgt Ion: 50 Resp: 681

Ion Ratio Lower Upper

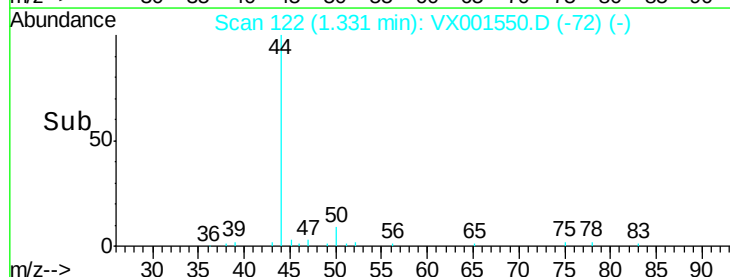
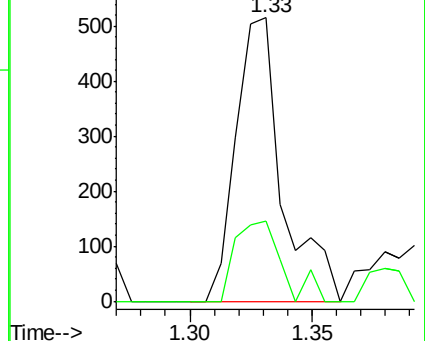
50 100

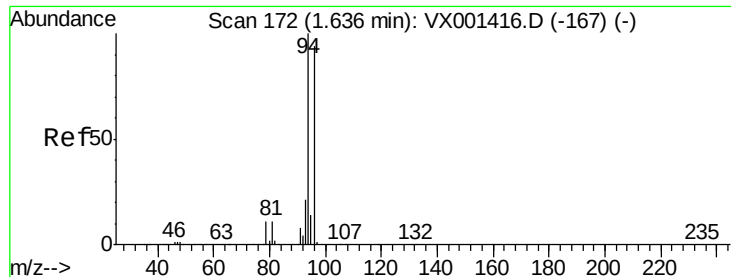
52 28.2 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001550.D

Acq: 09 May 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

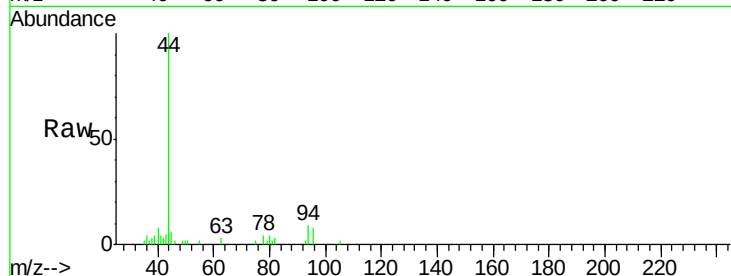
OUTFALL001-180501

Tgt Ion: 94 Resp: 529

Ion Ratio Lower Upper

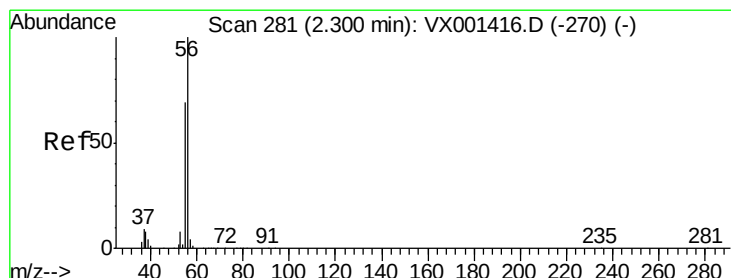
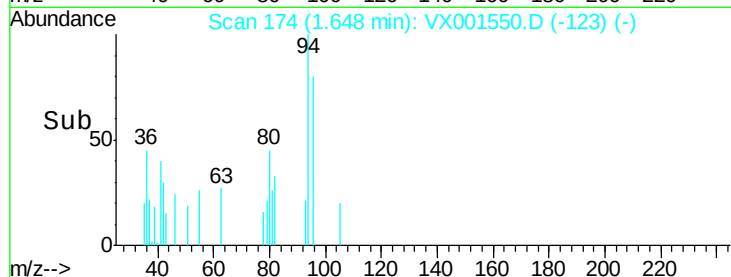
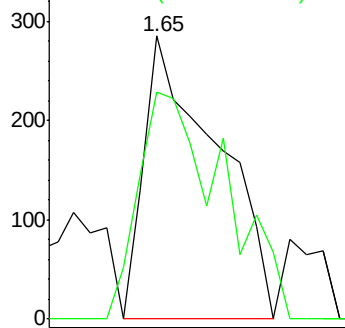
94 100

96 62.1 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX001550.D

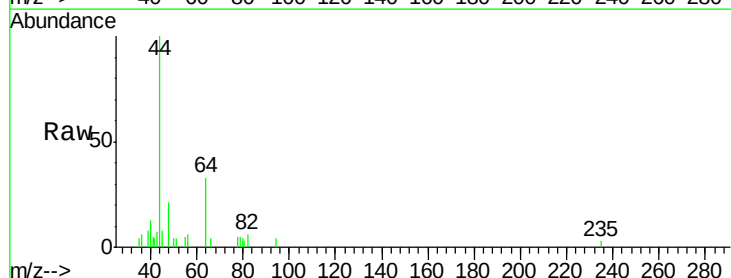
Acq: 09 May 2018 08:14

Tgt Ion: 56 Resp: 62

Ion Ratio Lower Upper

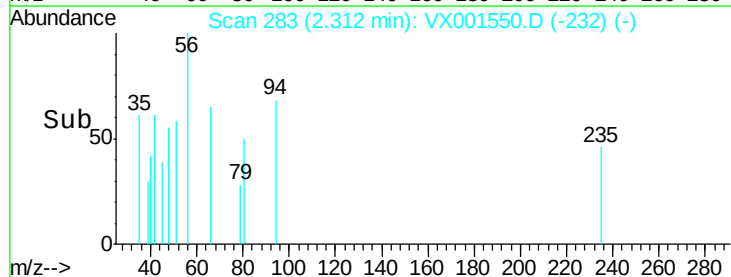
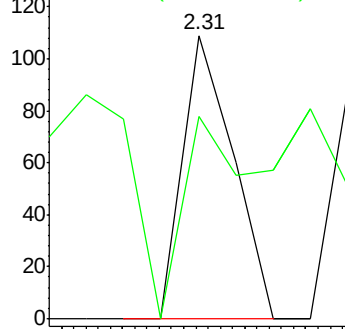
56 100

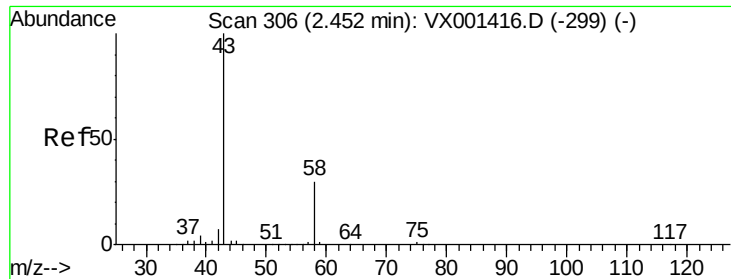
55 112.9 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

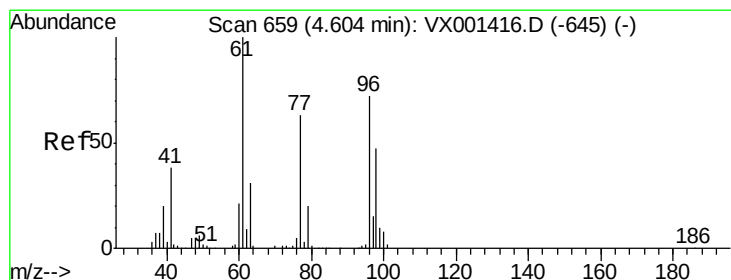
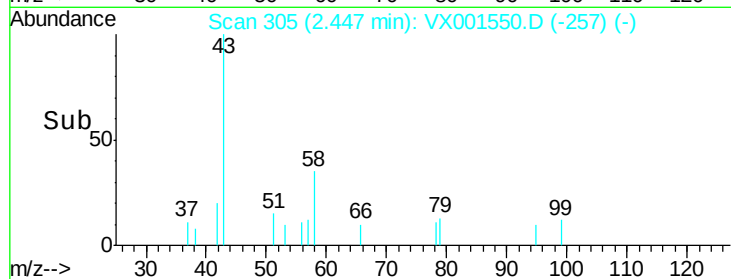
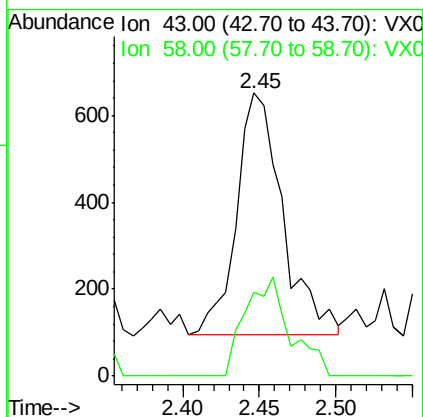
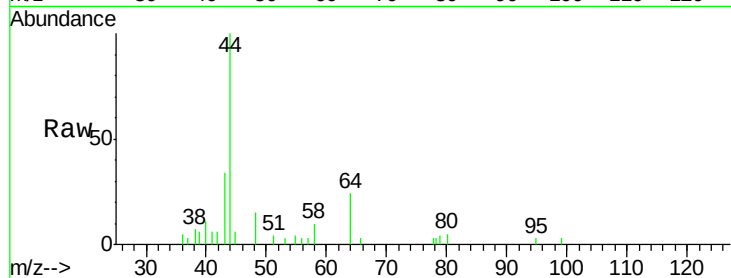




#16
Acetone
Concen: 0.74 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX001550.D
Acq: 09 May 2018 08:14

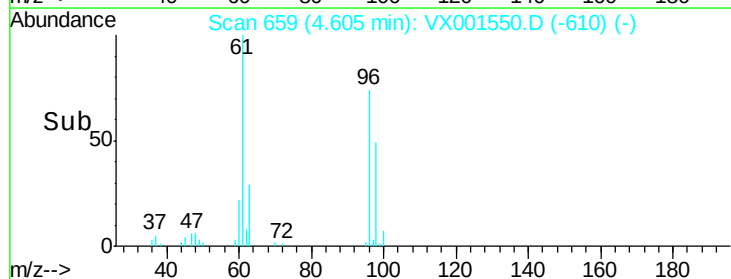
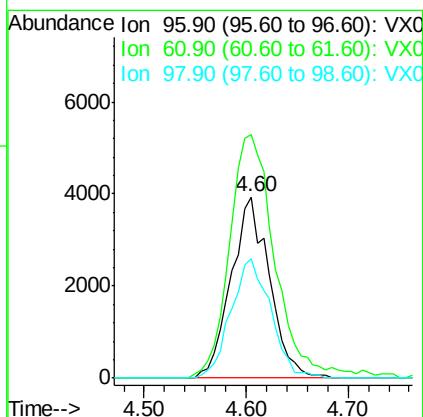
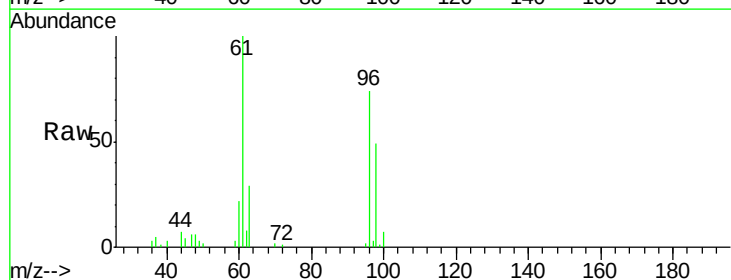
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180501

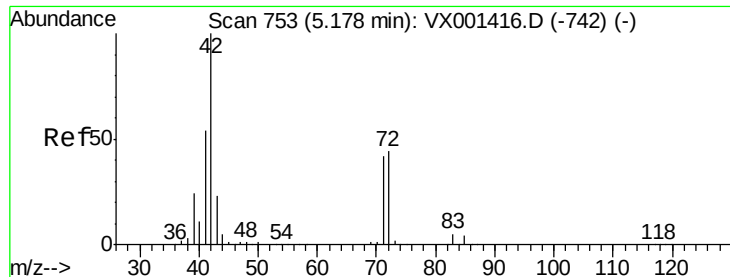
Tgt Ion: 43 Resp: 1163
Ion Ratio Lower Upper
43 100
58 34.5 23.8 35.8



#27
cis-1,2-Dichloroethene
Concen: 3.24 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001550.D
Acq: 09 May 2018 08:14

Tgt Ion: 96 Resp: 10259
Ion Ratio Lower Upper
96 100
61 158.7 0.0 301.6
98 68.4 0.0 131.6





#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 5.20 min Scan# 756

Delta R.T. 0.02 min

Lab File: VX001550.D

Acq: 09 May 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-180501

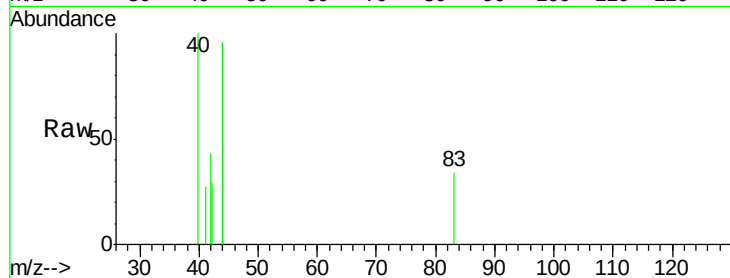
Tgt Ion: 42 Resp: 447

Ion Ratio Lower Upper

42 100

72 4.5 35.4 53.2#

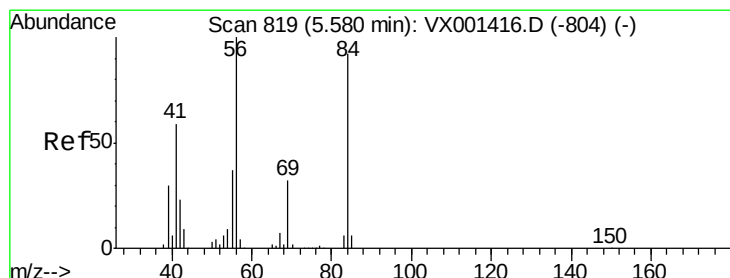
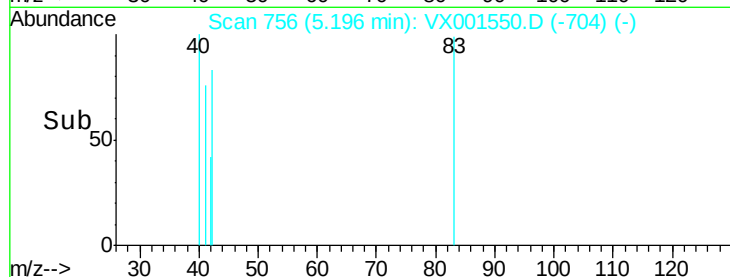
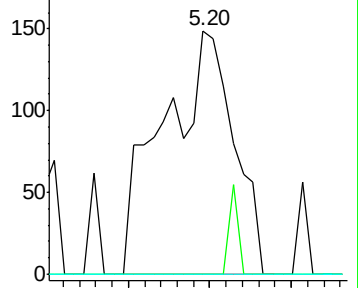
71 0.0 33.0 49.4#



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



#31

Cyclohexane

Concen: 1.02 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001550.D

Acq: 09 May 2018 08:14

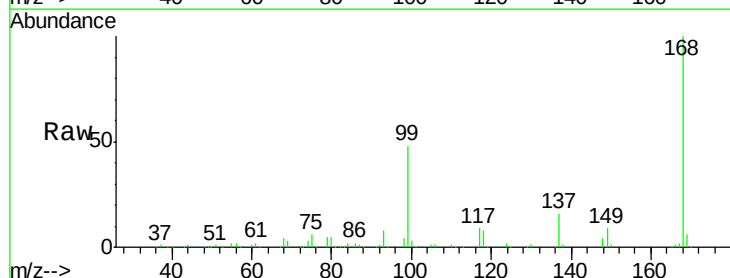
Tgt Ion: 56 Resp: 4524

Ion Ratio Lower Upper

56 100

69 159.4 25.4 38.0#

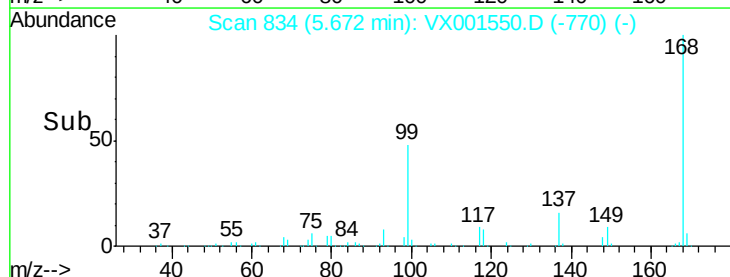
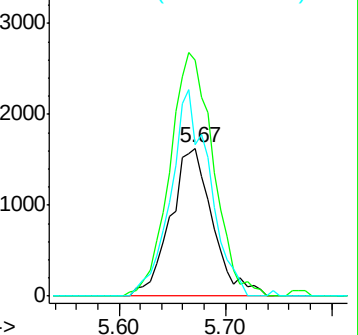
84 102.5 73.8 110.8

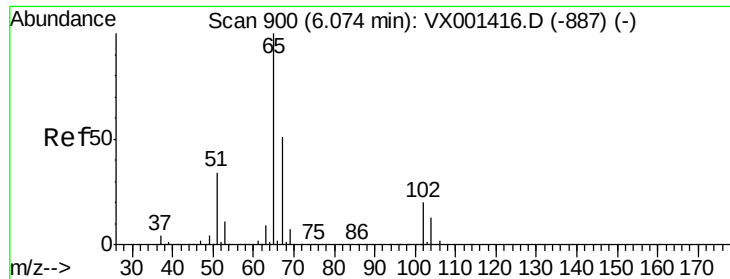


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

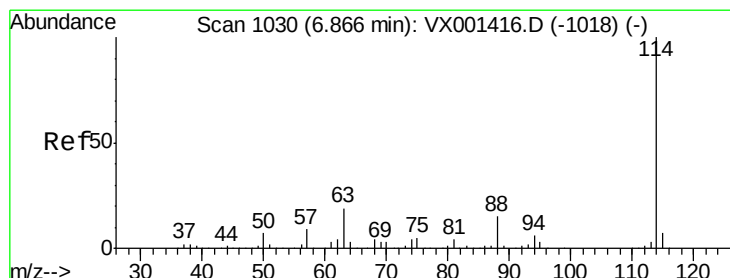
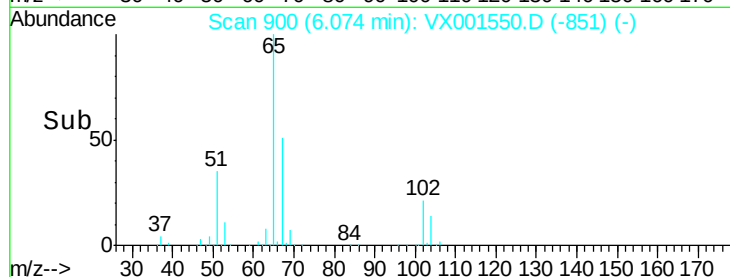
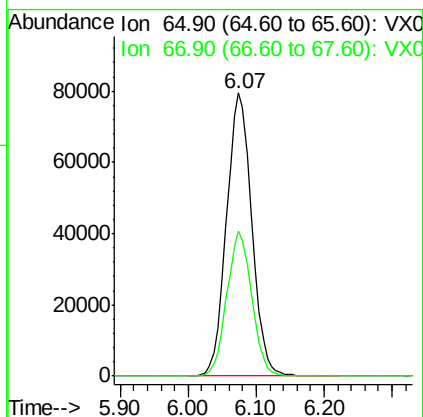
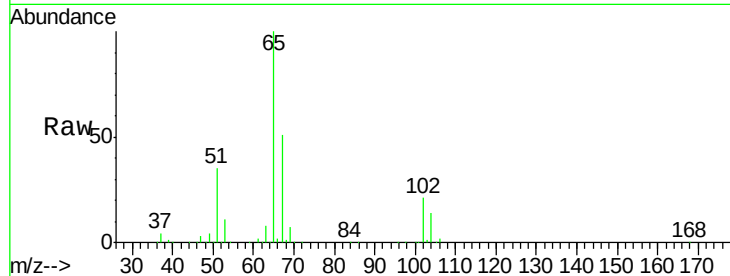




#33
 1,2-Dichloroethane-d4
 Concen: 59.25 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001550.D
 Acq: 09 May 2018 08:14

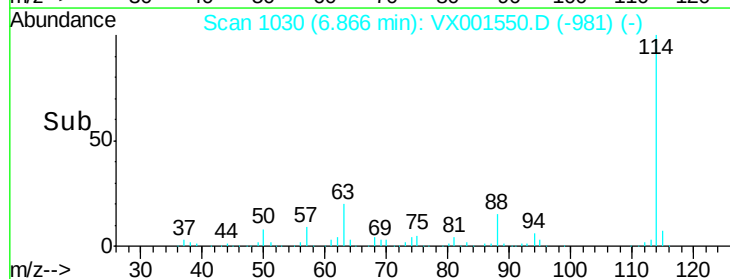
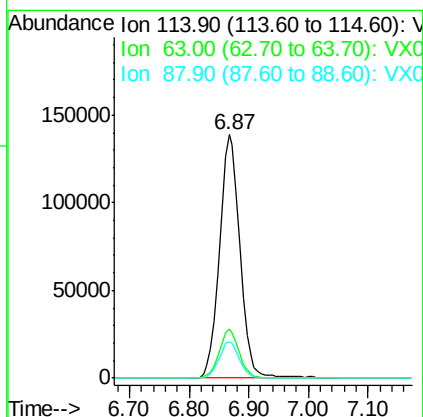
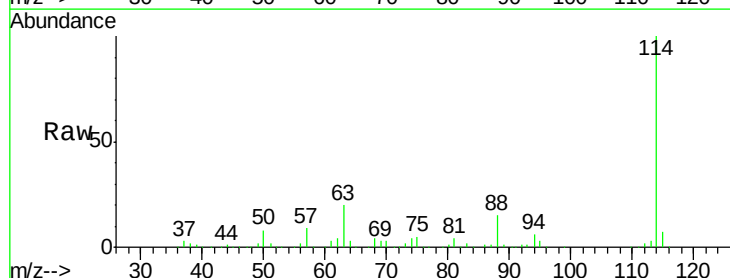
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-180501

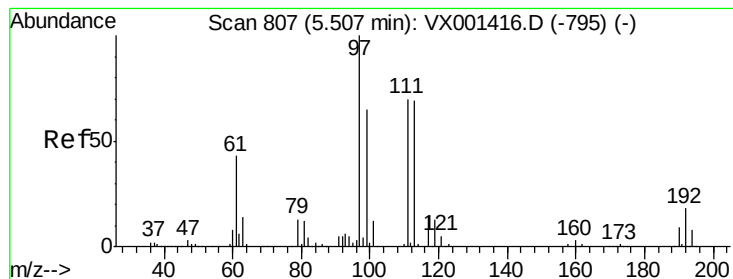
Tgt Ion: 65 Resp: 204752
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001550.D
 Acq: 09 May 2018 08:14

Tgt Ion: 114 Resp: 331073
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.6
 88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.95 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001550.D

Acq: 09 May 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-180501

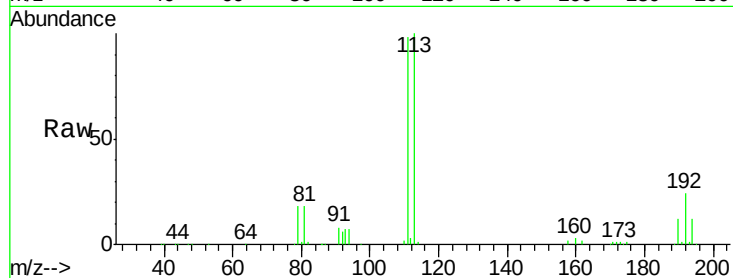
Tgt Ion:113 Resp: 158883

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

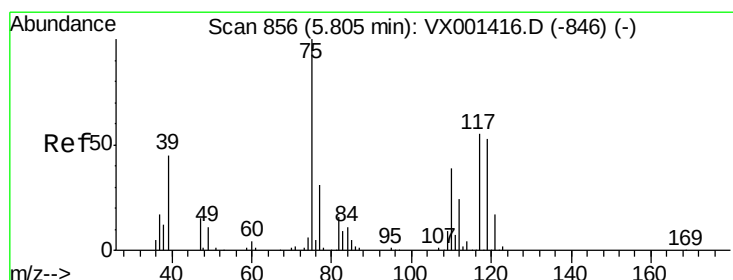
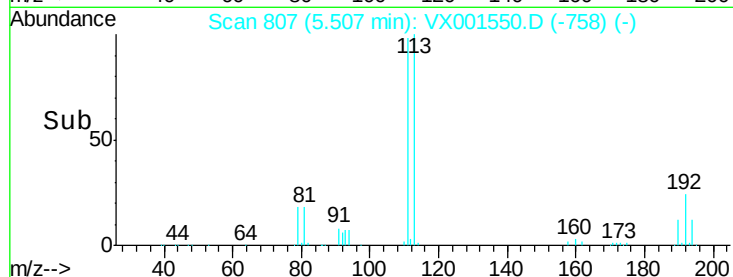
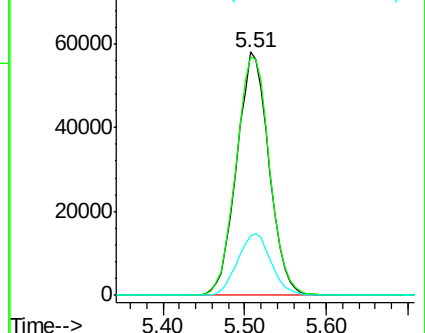
192 26.3 21.4 32.0



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: 3.57 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001550.D

Acq: 09 May 2018 08:14

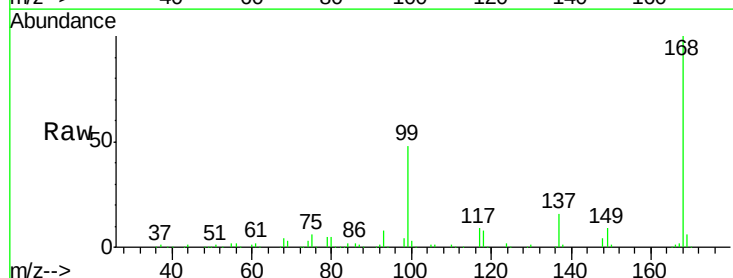
Tgt Ion: 75 Resp: 15040

Ion Ratio Lower Upper

75 100

110 10.0 18.9 56.7#

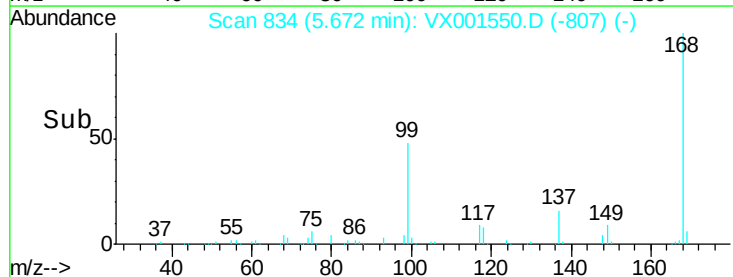
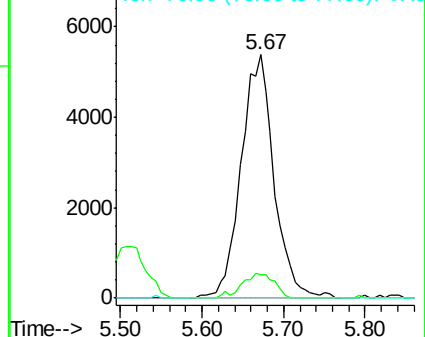
77 0.0 24.9 37.3#

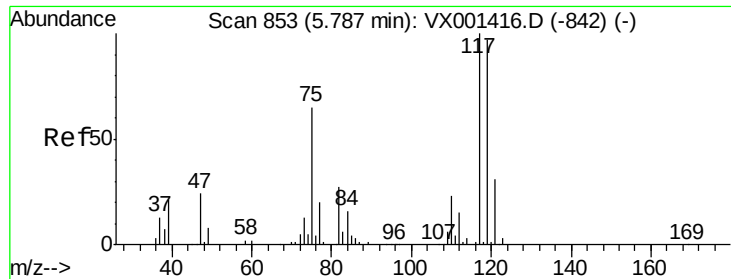


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

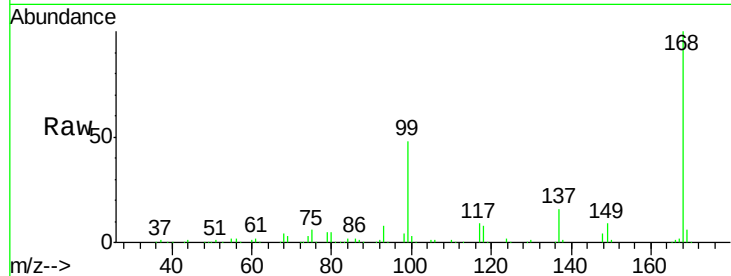




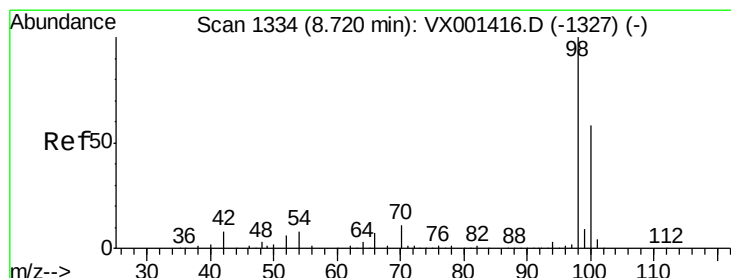
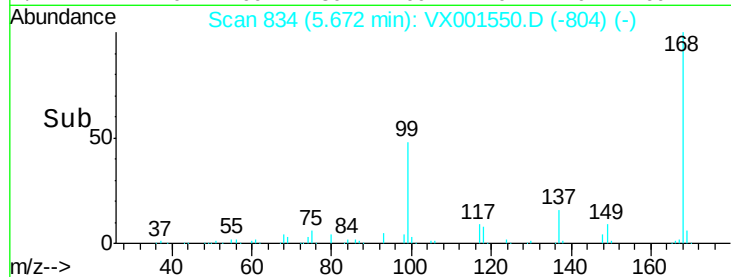
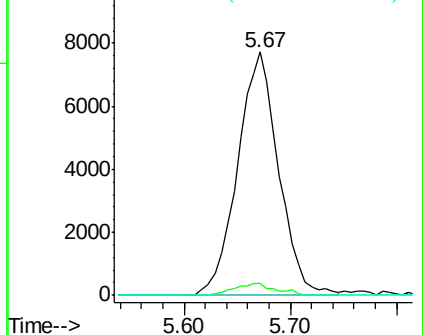
#38
Carbon Tetrachloride
Concen: 4.63 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001550.D
Acq: 09 May 2018 08:14

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180501

Tgt Ion: 117 Resp: 20792
Ion Ratio Lower Upper
117 100
119 4.8 77.0 115.6#
121 0.0 25.1 37.7#

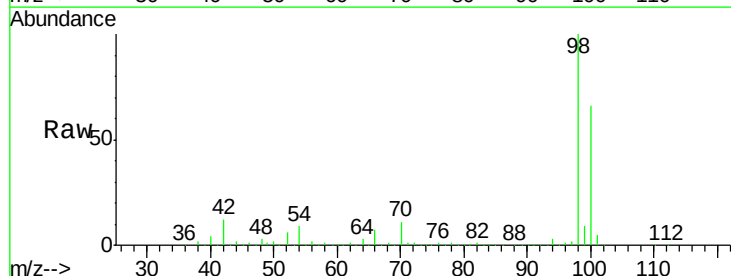


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

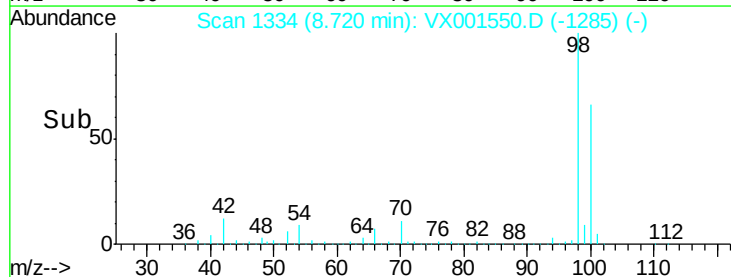
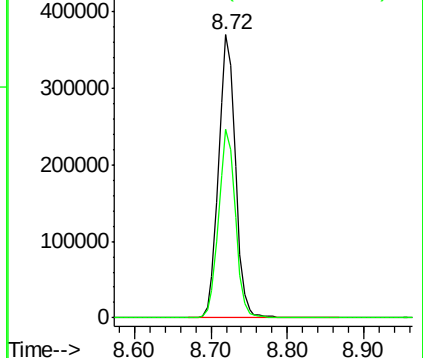


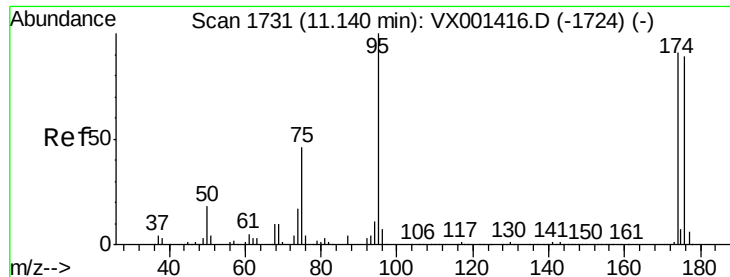
#50
Toluene-d8
Concen: 52.75 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001550.D
Acq: 09 May 2018 08:14

Tgt Ion: 98 Resp: 566988
Ion Ratio Lower Upper
98 100
100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

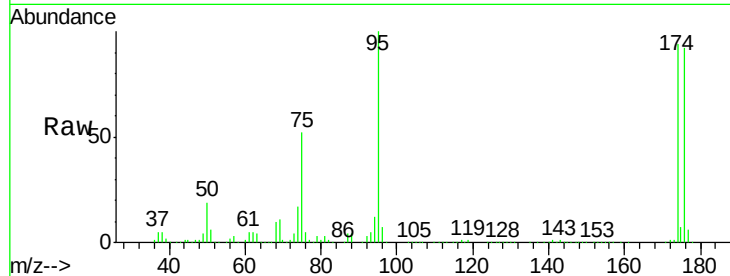




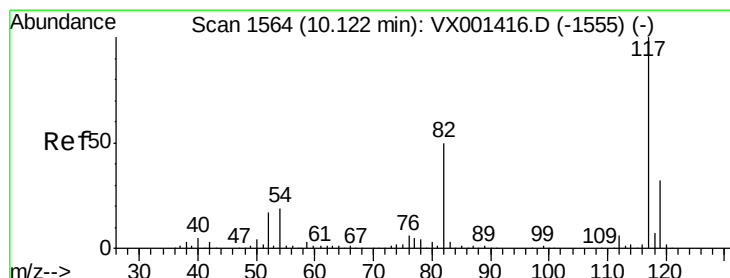
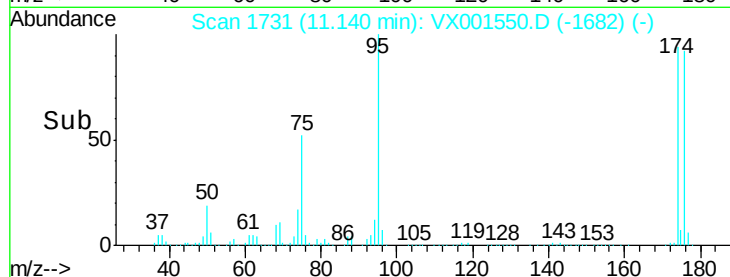
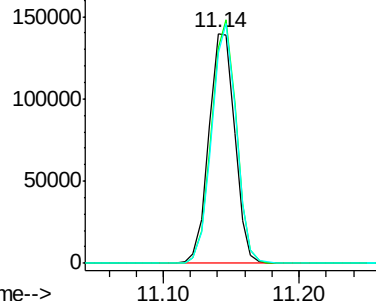
#62
4-Bromofluorobenzene
Concen: 45.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001550.D
Acq: 09 May 2018 08:14

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180501

Tgt Ion: 95 Resp: 185929
Ion Ratio Lower Upper
95 100
174 101.5 0.0 202.0
176 98.9 0.0 197.4

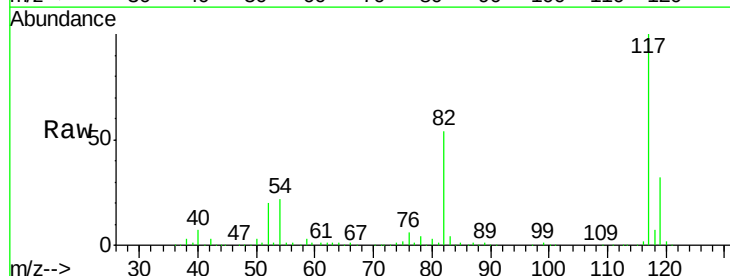


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

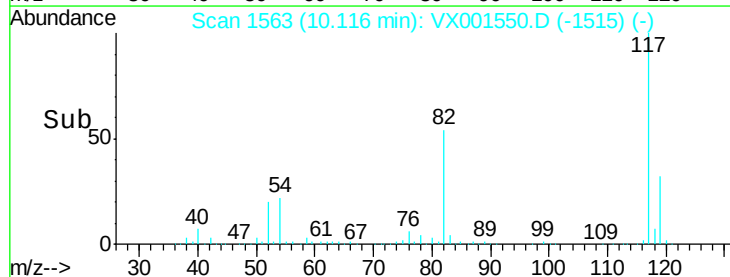
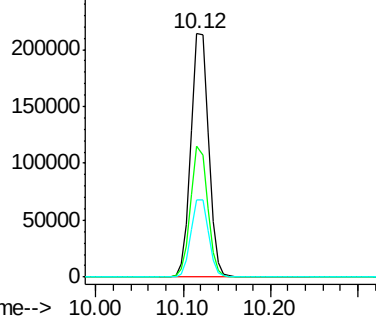


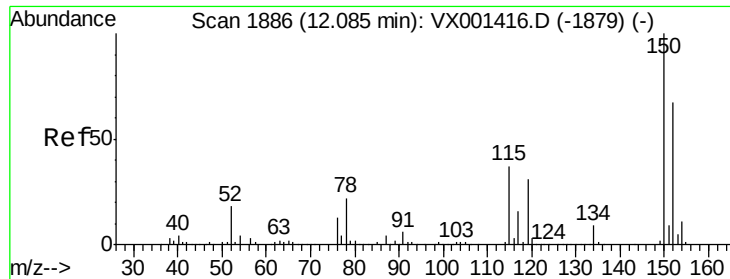
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001550.D
Acq: 09 May 2018 08:14

Tgt Ion: 117 Resp: 297262
Ion Ratio Lower Upper
117 100
82 53.9 40.0 60.0
119 31.8 25.8 38.8



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001550.D

Acq: 09 May 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-180501

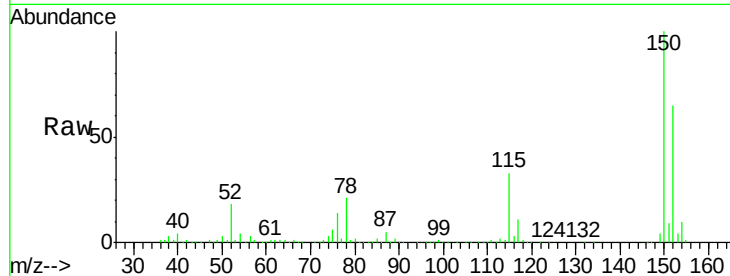
Tgt Ion:152 Resp: 163491

Ion Ratio Lower Upper

152 100

115 52.2 37.7 113.1

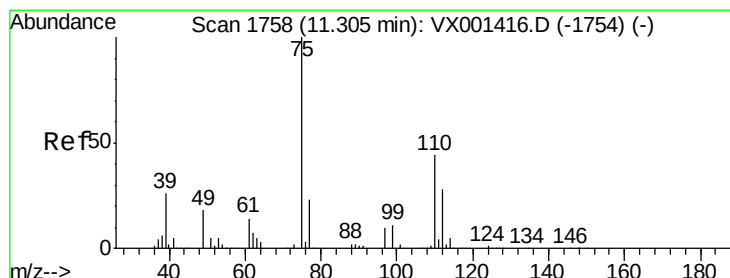
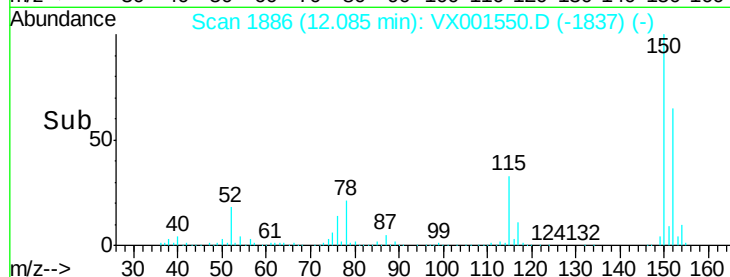
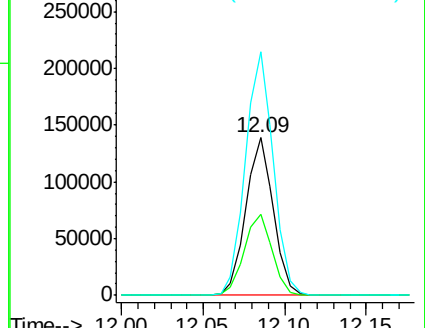
150 156.5 0.0 349.4



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



#76

1,2,3-Trichloropropane

Concen: 28.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001550.D

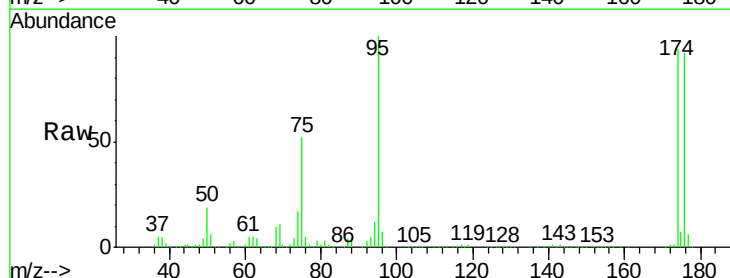
Acq: 09 May 2018 08:14

Tgt Ion: 75 Resp: 93743

Ion Ratio Lower Upper

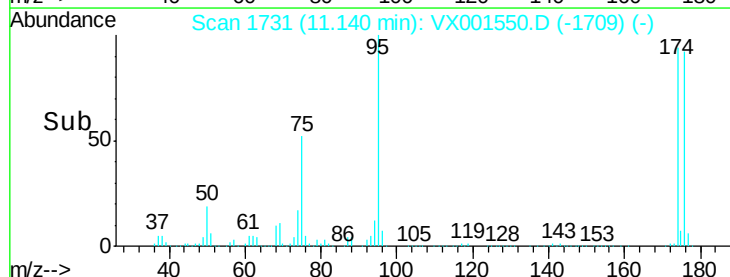
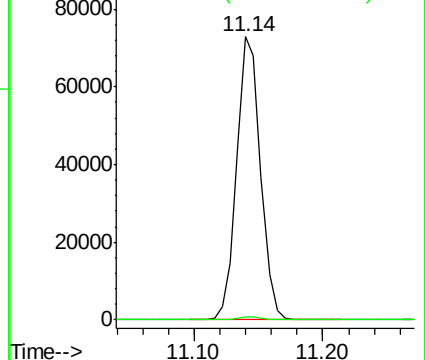
75 100

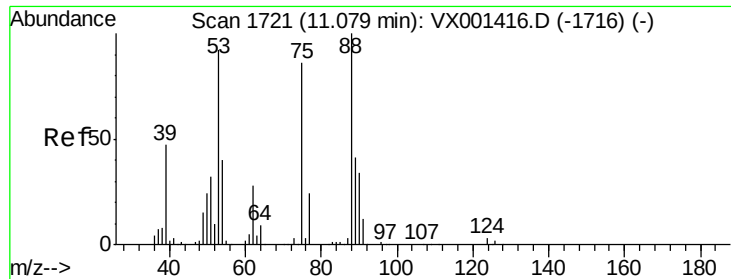
77 1.2 19.6 58.7#



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: 86.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001550.D

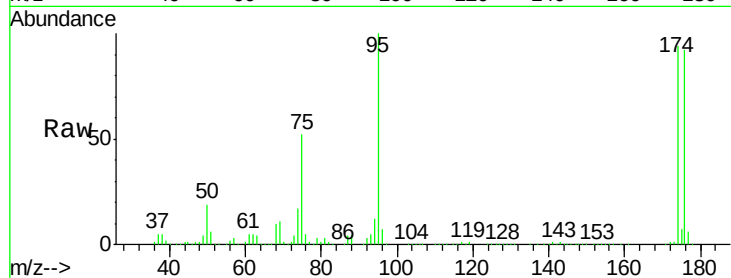
Acq: 09 May 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-180501



Tgt Ion:	75	Resp:	93743
Ion	Ratio	Lower	Upper
75	100		
53	0.1	84.5	126.7#
89	0.0	39.5	59.3#

