

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002176.D
 Acq On : 31 May 2018 14:31
 Operator : JC/MD
 Sample : J3223-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2AVE-13

Quant Time: May 31 16:18:45 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	51219	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	293494	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	256127	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	125542	31.15	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.83%
60) 4-Bromofluorobenzene	11.14	95	117720	26.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.50%
63) Toluene-d8	8.72	98	349091	30.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.93%

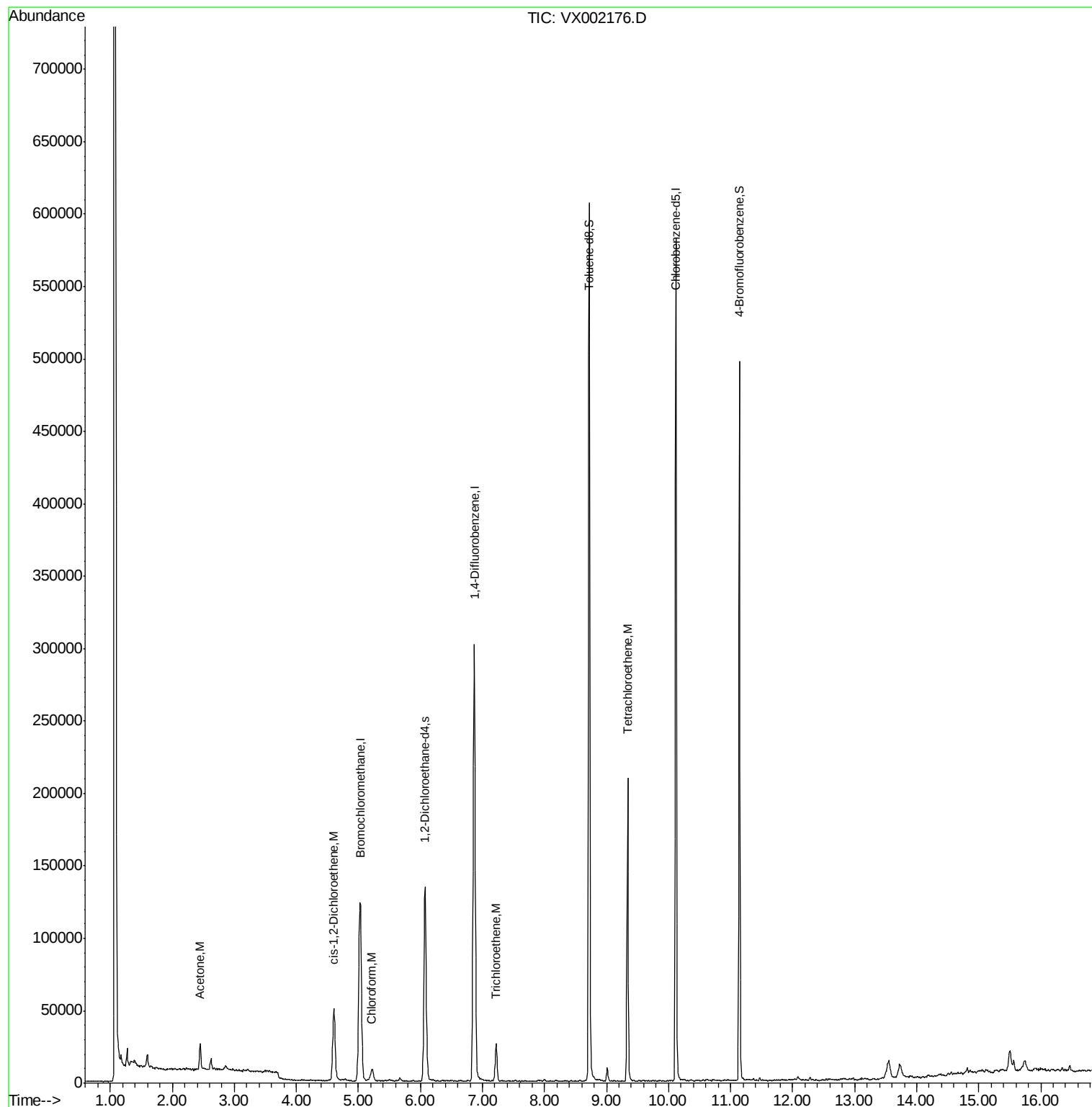
Target Compounds					Ovalue
15) Acetone	2.45	58	5579	12.315 ug/l	87
22) cis-1,2-Dichloroethene	4.60	96	28059	8.735 ug/l	84
25) Chloroform	5.22	83	8395	1.494 ug/l	96
37) Trichloroethene	7.21	130	9668	2.749 ug/l	84
61) Tetrachloroethene	9.34	164	41664	10.665 ug/l	97

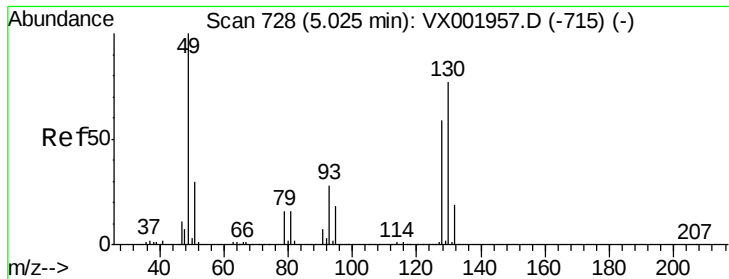
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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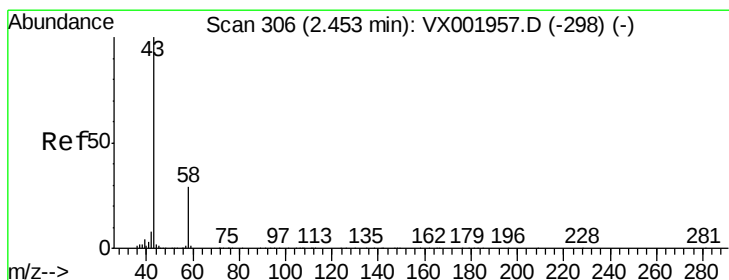
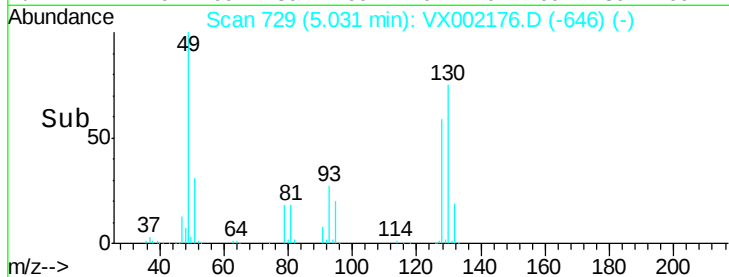
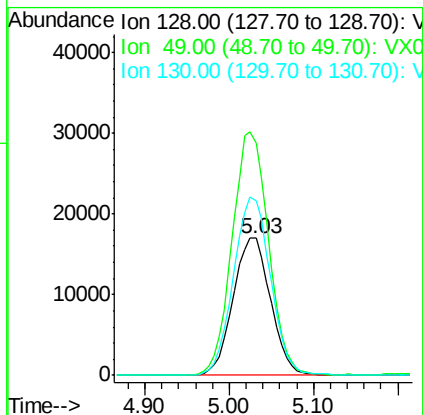
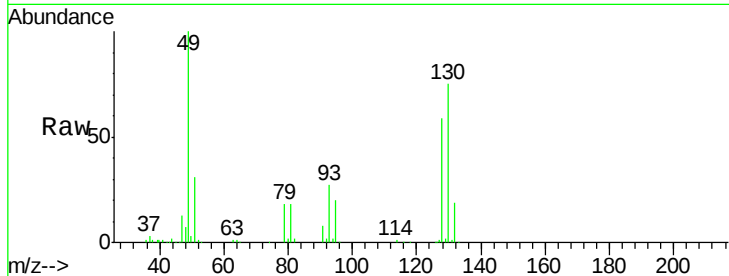


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX002176.D
 Acq: 31 May 2018 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 2AVE-13

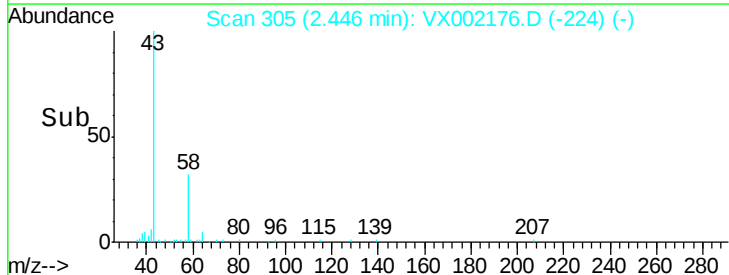
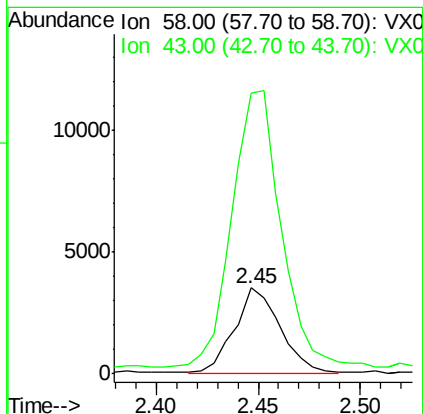
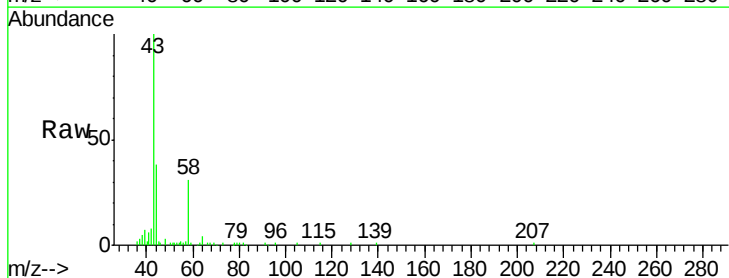
Tot Ion	Ratio	Lower	Upper
128	100		
49	172.3	0.0	423.0
130	128.0	0.0	324.3

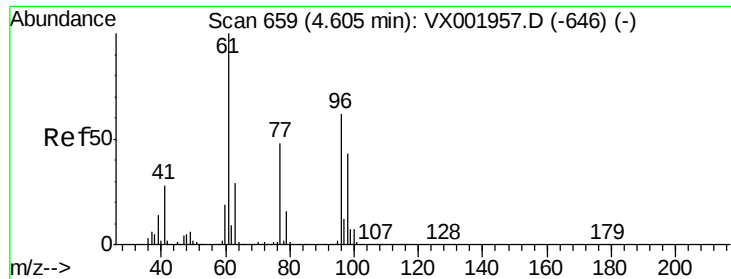


#15

Acetone
 Concen: 12.315 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002176.D
 Acq: 31 May 2018 14:31

Tgt Ion	Ratio	Lower	Upper
58	100		
43	319.8	278.8	418.2



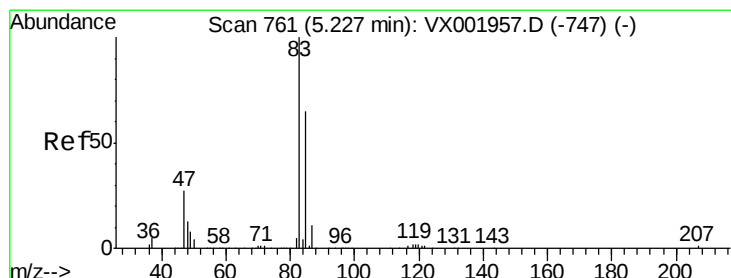
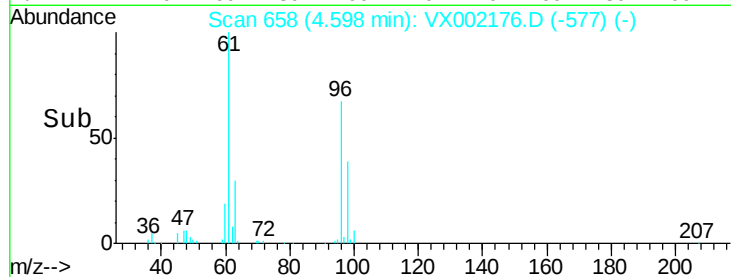
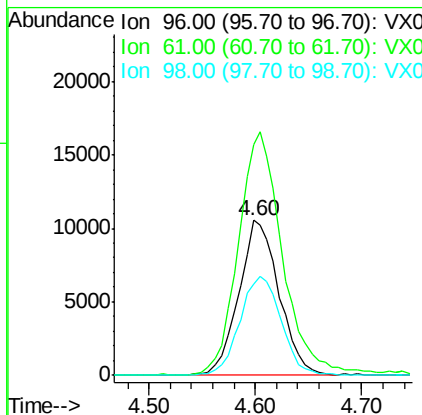
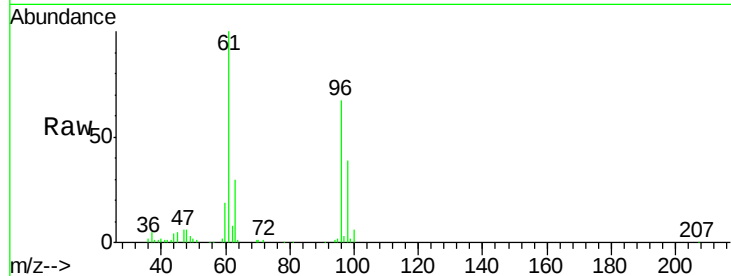


#22

cis-1,2-Dichloroethene
 Concen: 8.735 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX002176.D
 Acq: 31 May 2018 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 2AVE-13

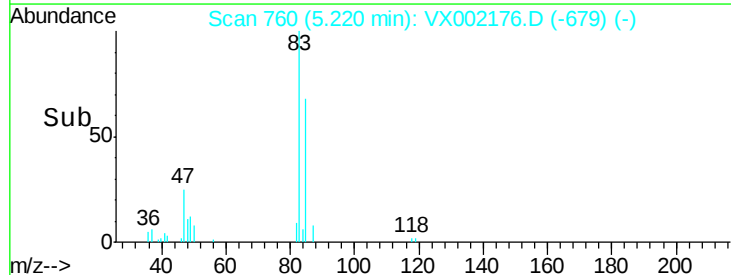
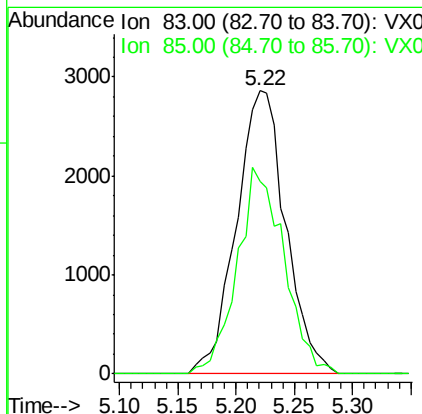
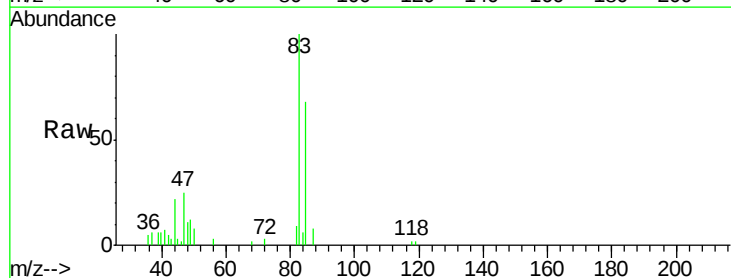
Tot Ion	96	Resp	28059
Ion	Ratio	Lower	Upper
96	100		
61	169.9	160.2	240.2
98	65.5	54.1	81.1

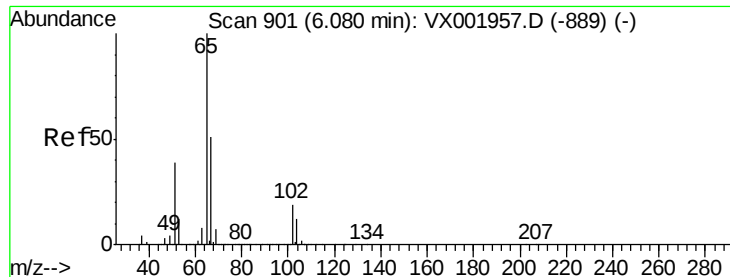


#25

Chloroform
 Concen: 1.494 ug/l
 RT: 5.22 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VX002176.D
 Acq: 31 May 2018 14:31

Tgt Ion	83	Resp	8395
Ion	Ratio	Lower	Upper
83	100		
85	68.2	51.9	77.9





#27

1,2-Dichloroethane-d4

Concen: 31.148 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002176.D

Acq: 31 May 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

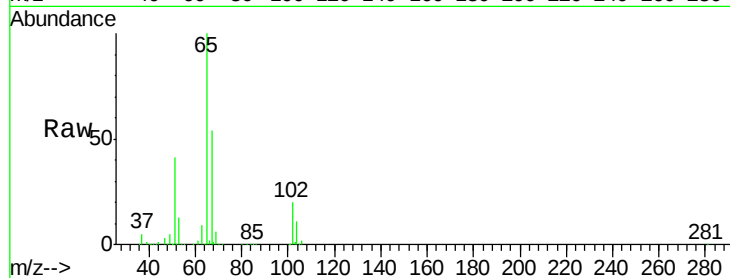
2AVE-13

Tot Ion: 65 Resp: 125542

Ion Ratio Lower Upper

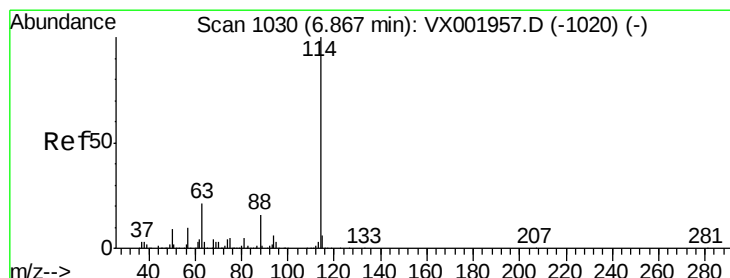
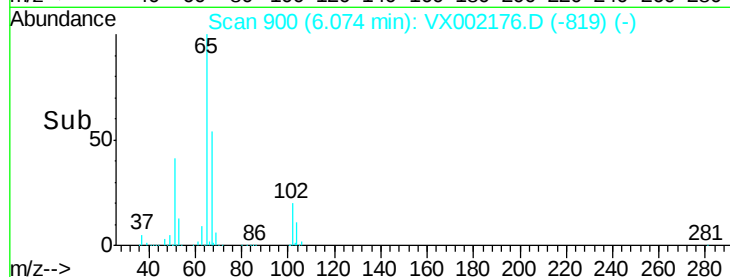
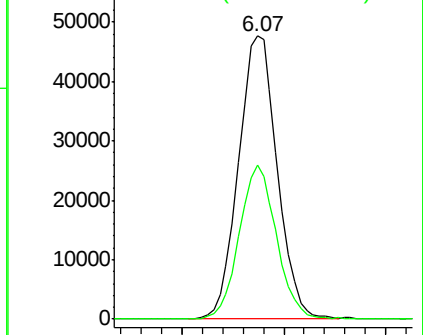
65 100

67 52.0 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002176.D

Acq: 31 May 2018 14:31

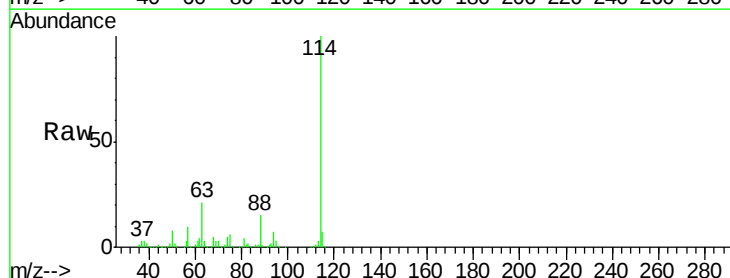
Tgt Ion: 114 Resp: 293494

Ion Ratio Lower Upper

114 100

63 21.2 17.1 25.7

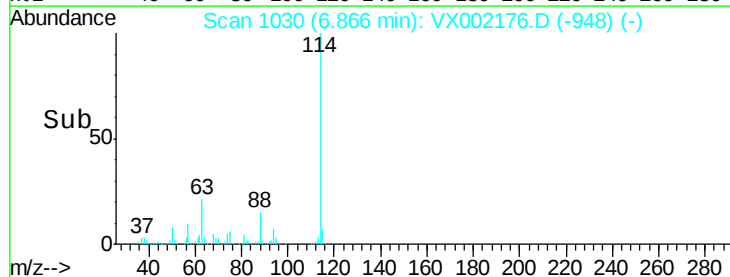
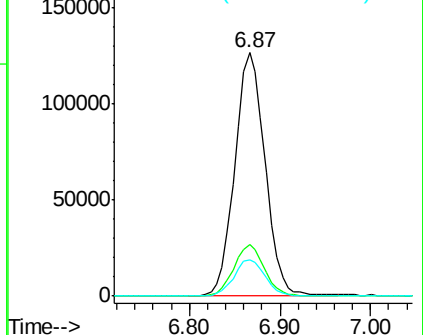
88 15.4 12.6 19.0

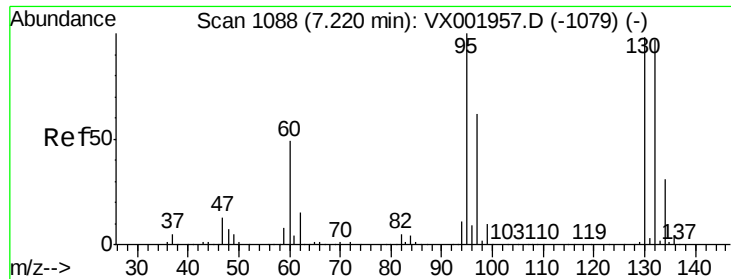


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

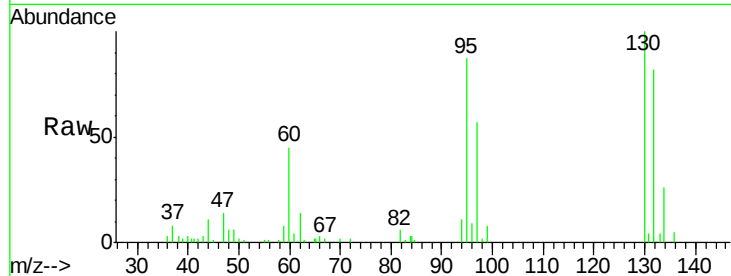




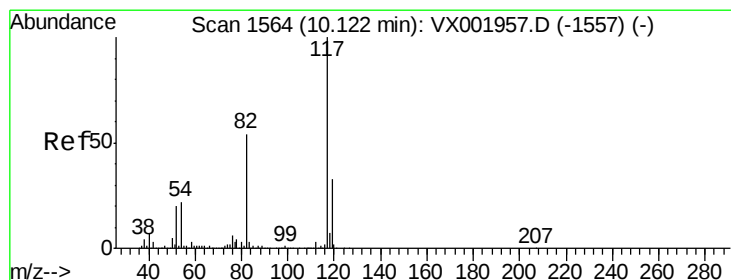
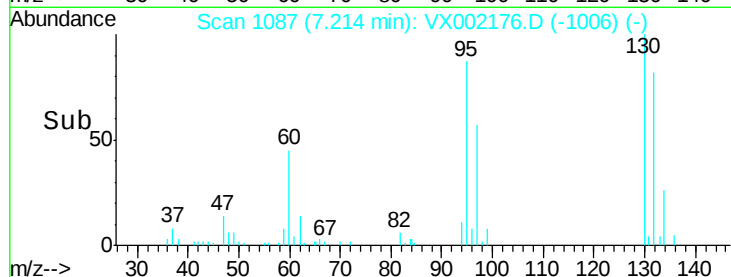
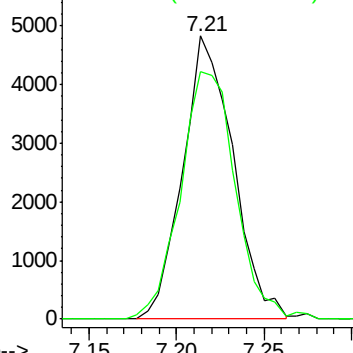
#37
 Trichloroethene
 Concen: 2.749 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002176.D
 Acq: 31 May 2018 14:31

Instrument :
 MSVOA_X
 ClientSampled :
 2AVE-13

Tot Ion:130 Resp: 9668
 Ion Ratio Lower Upper
 130 100
 95 86.0 81.5 122.3

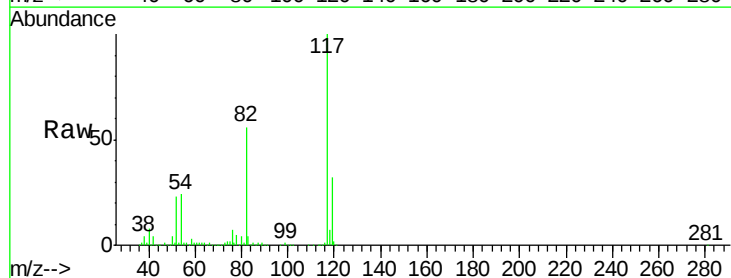


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

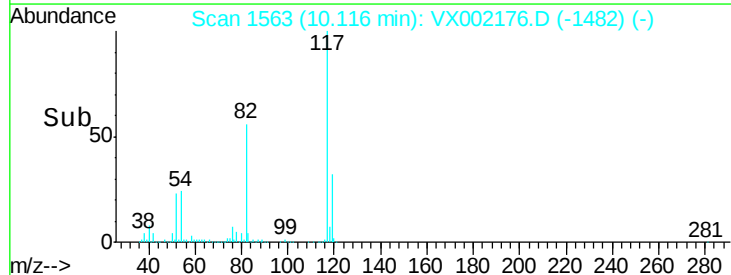
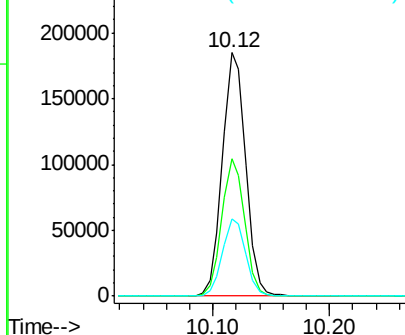


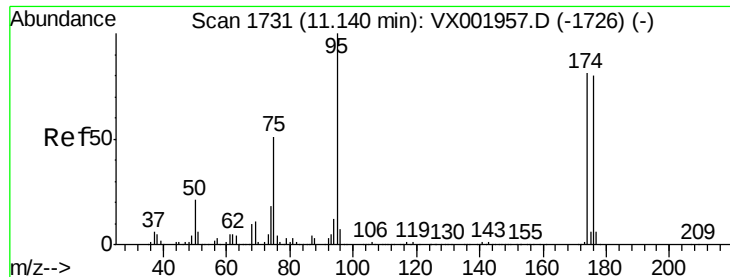
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX002176.D
 Acq: 31 May 2018 14:31

Tgt Ion:117 Resp: 256127
 Ion Ratio Lower Upper
 117 100
 82 55.4 44.3 66.5
 119 31.8 25.7 38.5



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 119.00 (118.70 to 119.70): V

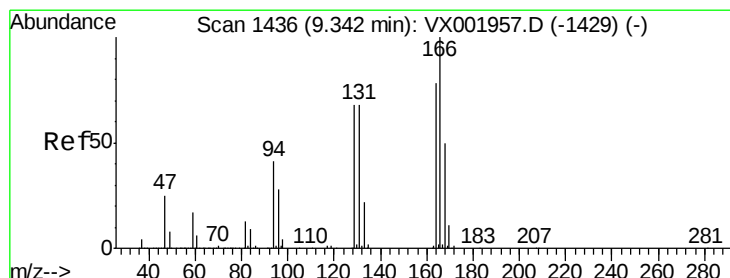
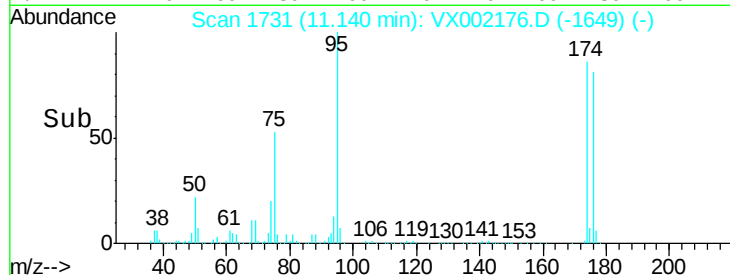
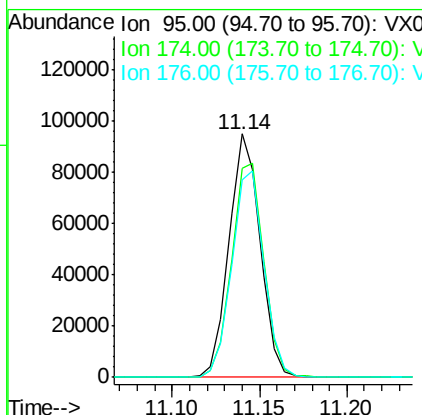
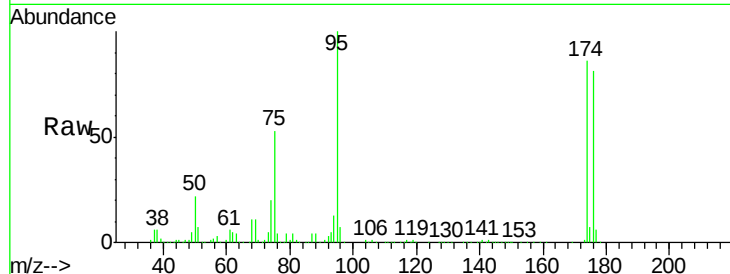




#60
4-Bromofluorobenzene
Concen: 26.849 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002176.D
Acq: 31 May 2018 14:31

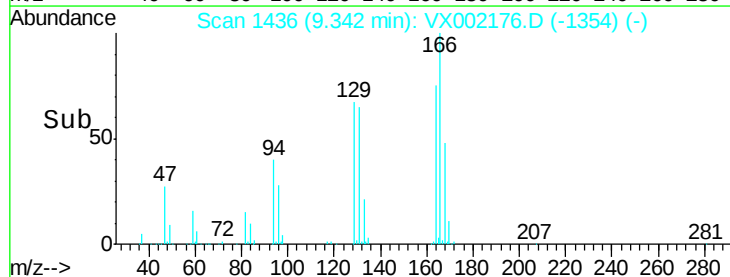
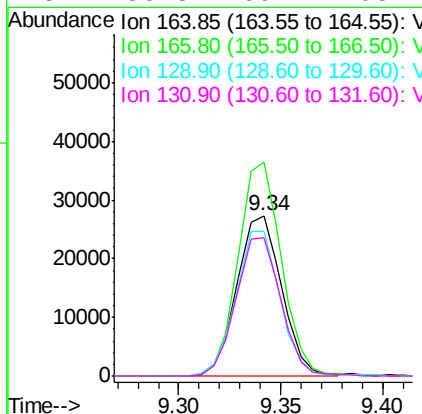
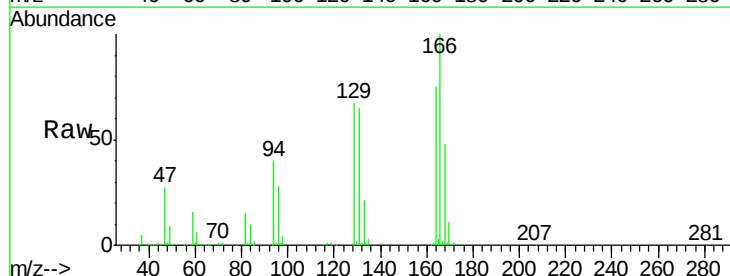
Instrument :
MSVOA_X
ClientSampleId :
2AVE-13

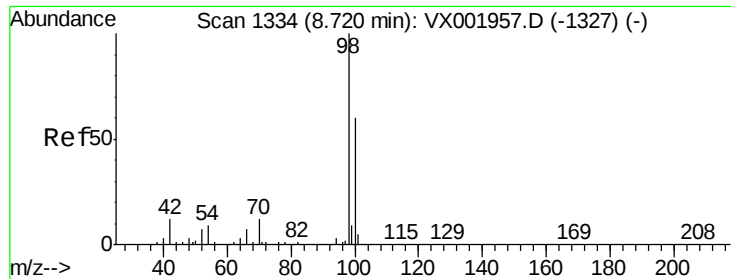
Tot Ion: 95 Resp: 117720
Ion Ratio Lower Upper
95 100
174 90.9 71.8 107.6
176 87.8 70.1 105.1



#61
Tetrachloroethene
Concen: 10.665 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002176.D
Acq: 31 May 2018 14:31

Tgt Ion: 164 Resp: 41664
Ion Ratio Lower Upper
164 100
166 133.0 102.4 153.6
129 89.7 70.1 105.1
131 86.3 69.1 103.7





#63
Toluene-d8
Concen: 30.580 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002176.D
Acq: 31 May 2018 14:31

Instrument :
MSVOA_X
ClientSampleId :
2AVE-13

Tot Ion: 98 Resp: 349091
Ion Ratio Lower Upper
98 100
100 63.1 50.8 76.2

