

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040219\
 Data File : VX008586.D
 Acq On : 02 Apr 2019 11:07
 Operator : JC/SP
 Sample : VX0402WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VX0402WBL01

Quant Time: Apr 02 11:26:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	36324	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	212898	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	182690	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	92742	30.52	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.73%
60) 4-Bromofluorobenzene	11.13	95	89302	28.06	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.53%
63) Toluene-d8	8.71	98	264264	30.47	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.57%

Target Compounds

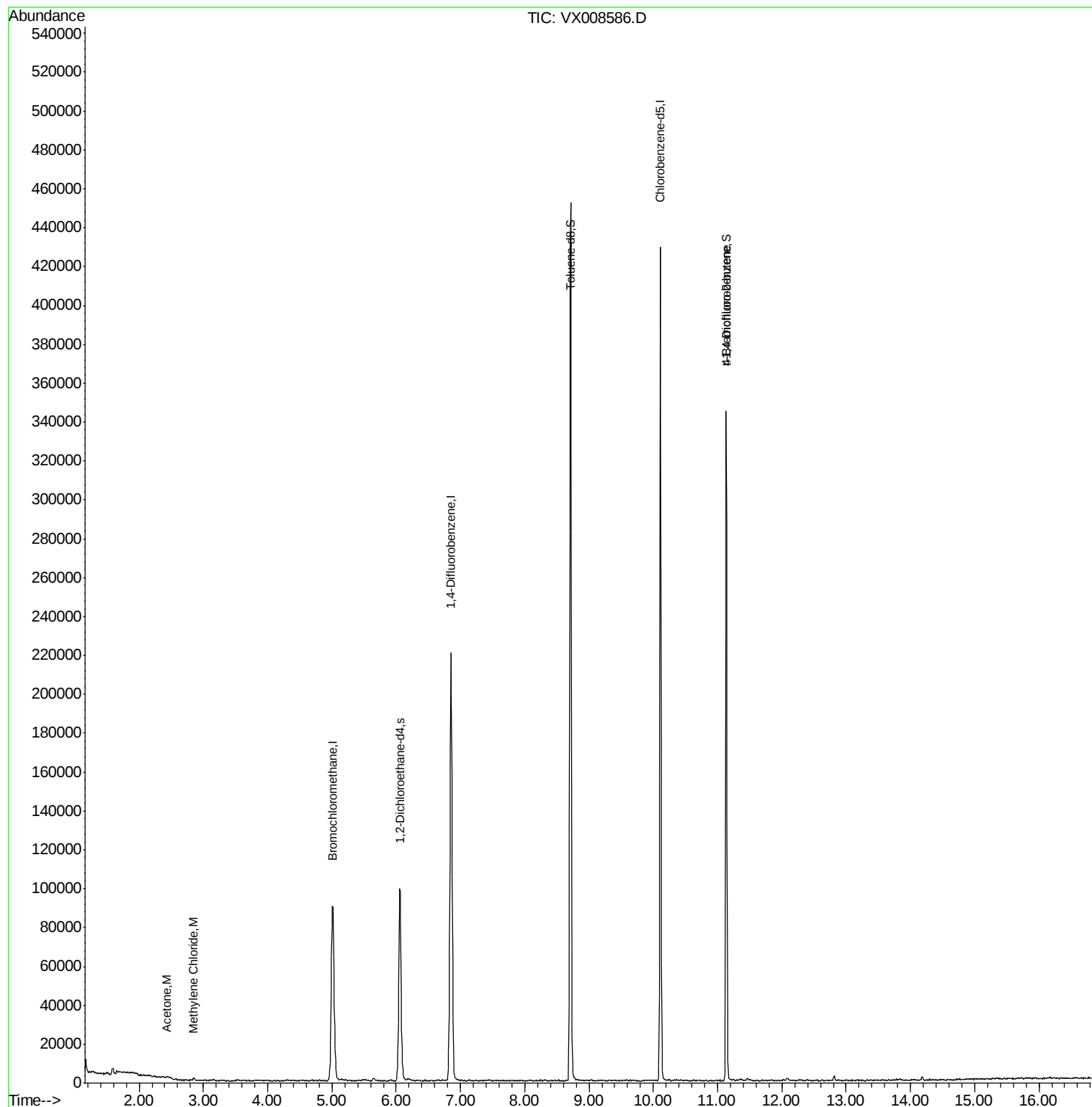
					Qvalue	
15) Acetone	2.43	58	136	0.256	ug/l #	13
18) Methylene Chloride	2.85	84	552	0.201	ug/l #	62
77) t-1,4-Dichloro-2-butene	11.13	75	45680	32.626	ug/l #	6

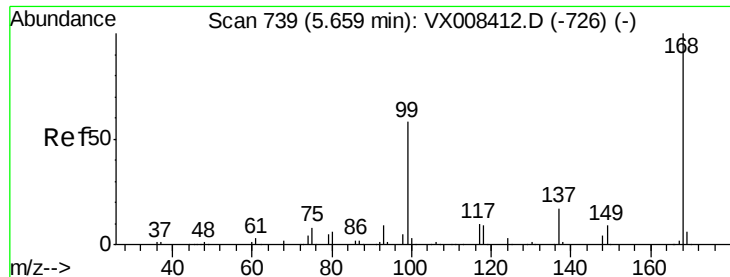
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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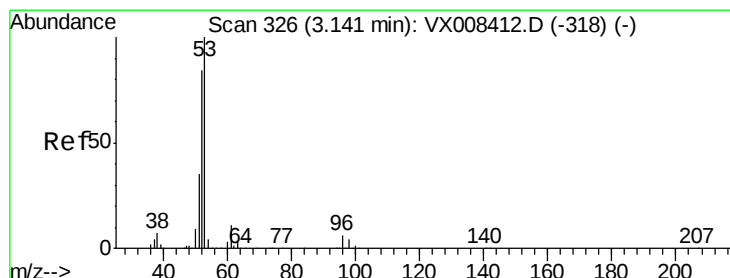
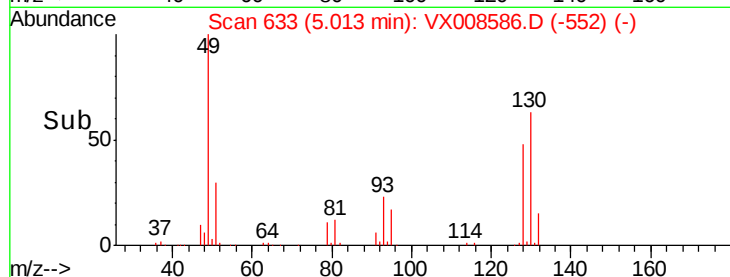
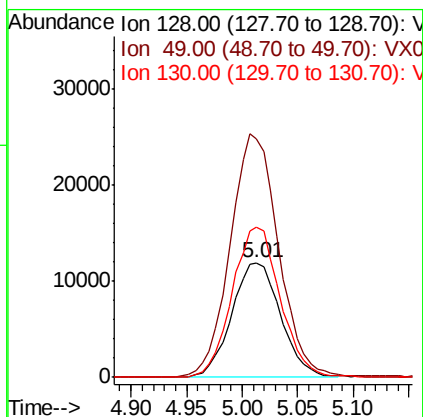
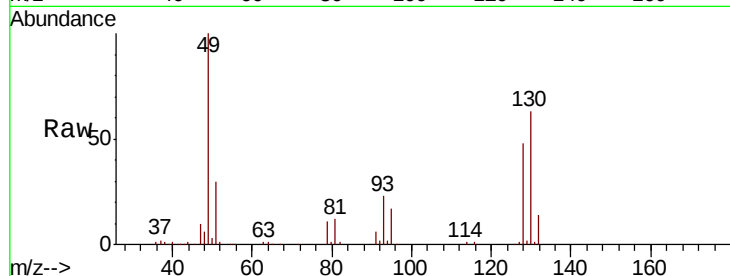




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008586.D
 Acq: 02 Apr 2019 11:07

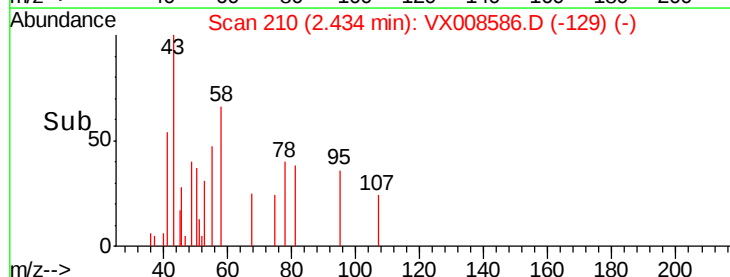
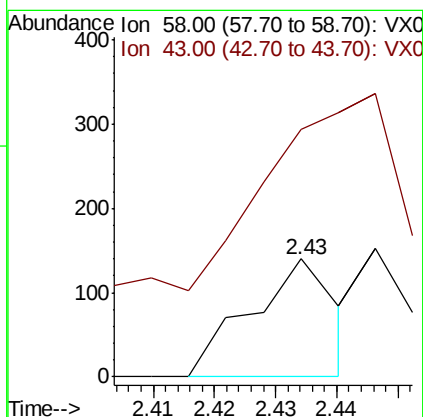
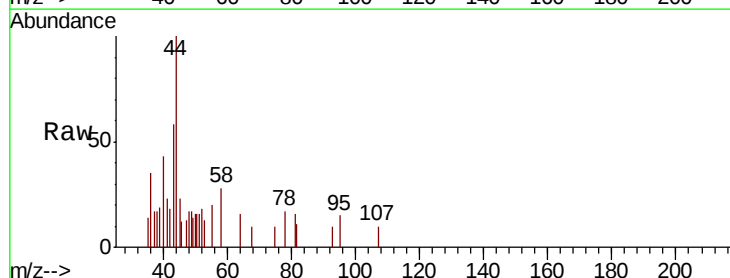
Instrument :
 MSVOA_W
 ClientSampleId :
 VX0402WBL01

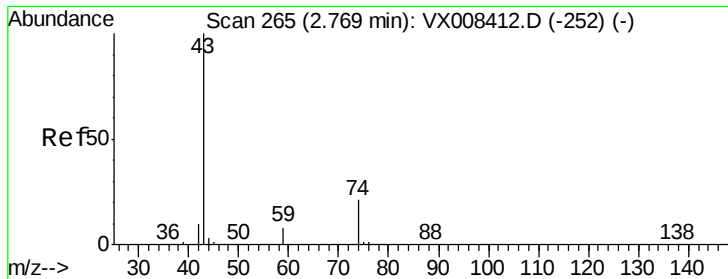
Tgt Ion: 128 Resp: 36324
 Ion Ratio Lower Upper
 128 100
 49 207.9 0.0 350.8
 130 128.8 0.0 325.8



#15
 Acetone
 Concen: 0.256 ug/l
 RT: 2.43 min Scan# 210
 Delta R.T. -0.01 min
 Lab File: VX008586.D
 Acq: 02 Apr 2019 11:07

Tgt Ion: 58 Resp: 136
 Ion Ratio Lower Upper
 58 100
 43 136.4 249.8 374.6#

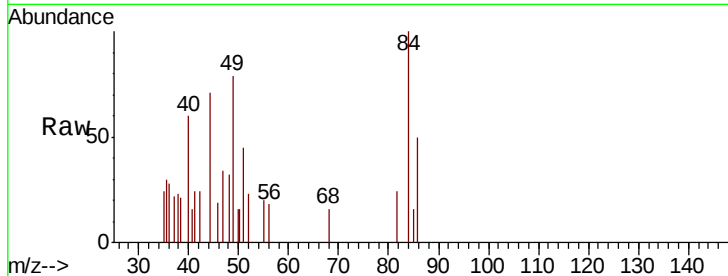




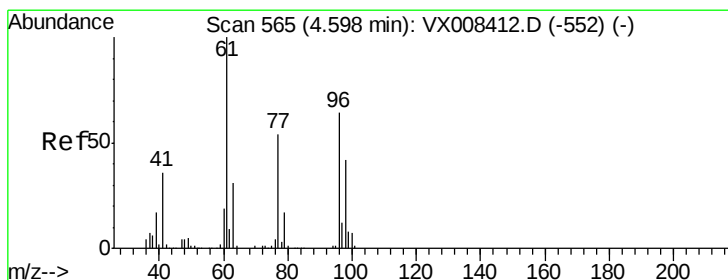
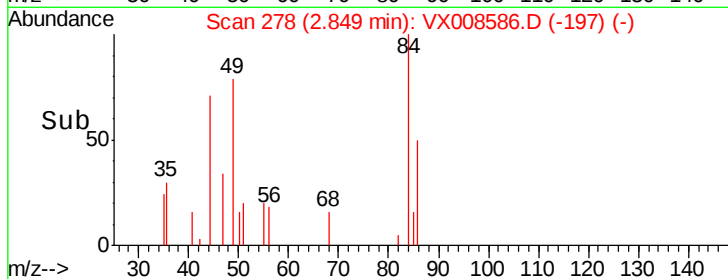
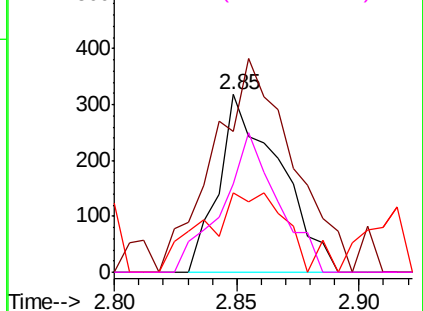
#18
Methylene Chloride
Concen: 0.201 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX008586.D
Acq: 02 Apr 2019 11:07

Instrument :
MSVOA_W
ClientSampleId :
VX0402WBL01

Tgt Ion: 84 Resp: 552
Ion Ratio Lower Upper
84 100
49 56.0 96.1 144.1#
51 45.0 29.1 43.7#
86 49.7 47.3 70.9

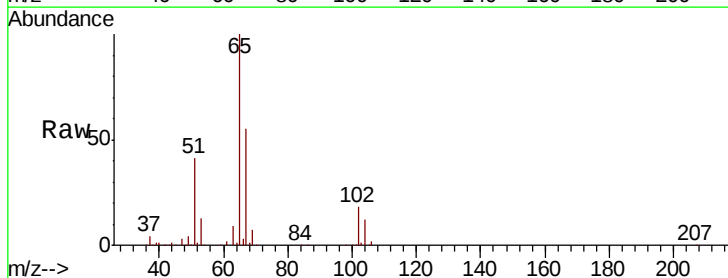


Abundance Ion 84.00 (83.70 to 84.70): VX0
Ion 49.00 (48.70 to 49.70): VX0
Ion 51.00 (50.70 to 51.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

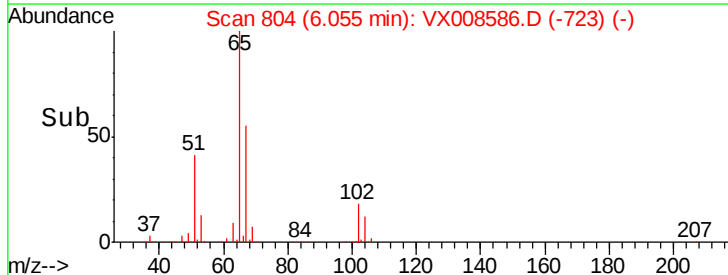
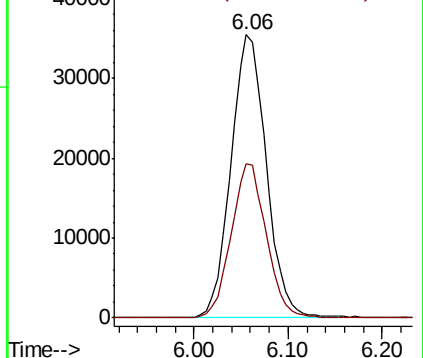


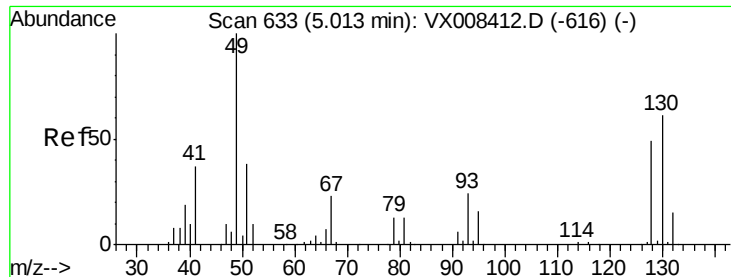
#27
1,2-Dichloroethane-d4
Concen: 30.521 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX008586.D
Acq: 02 Apr 2019 11:07

Tgt Ion: 65 Resp: 92742
Ion Ratio Lower Upper
65 100
67 54.1 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0
Ion 67.00 (66.70 to 67.70): VX0

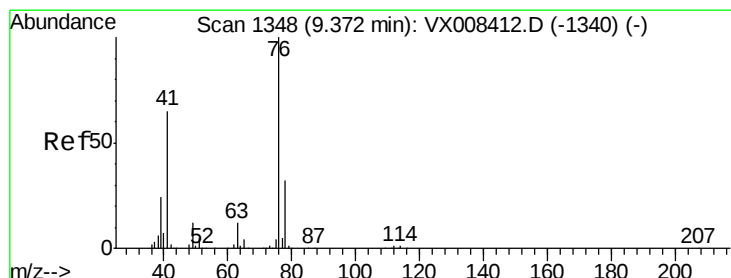
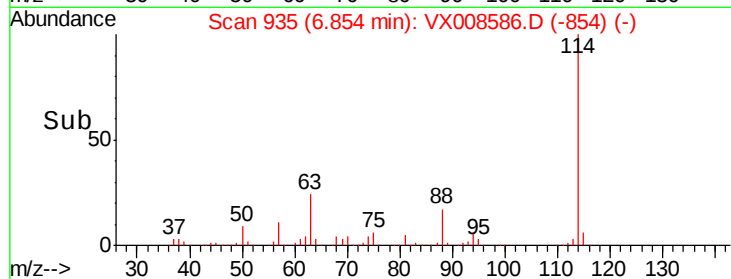
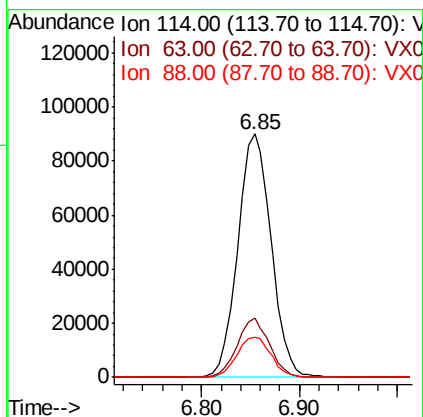
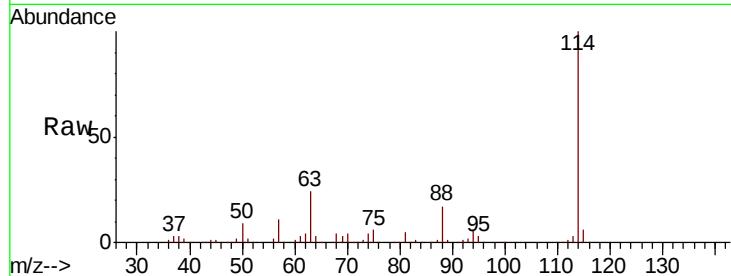




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008586.D
 Acq: 02 Apr 2019 11:07

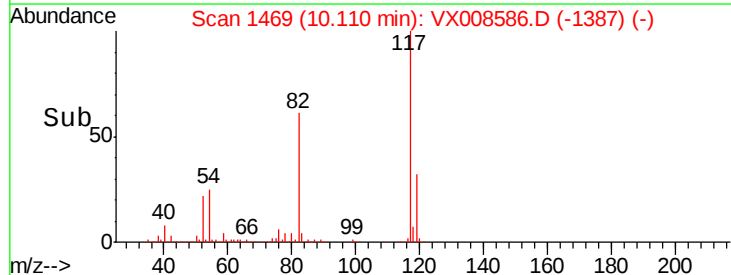
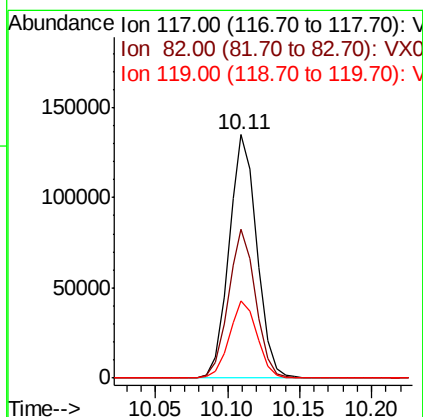
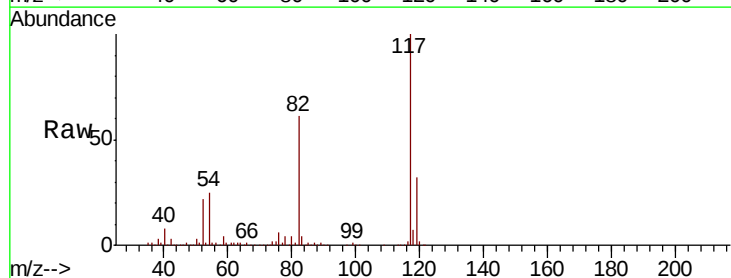
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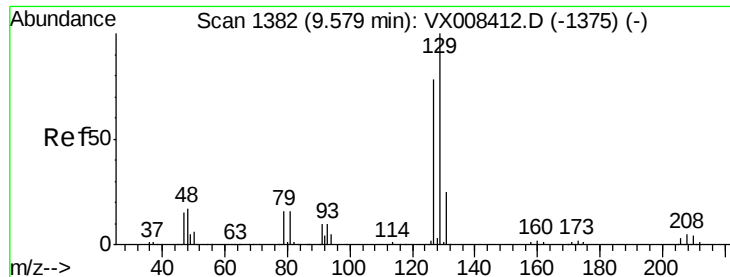
Tgt Ion:114 Resp: 212898
 Ion Ratio Lower Upper
 114 100
 63 23.5 14.2 21.4#
 88 17.0 11.9 17.9



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX008586.D
 Acq: 02 Apr 2019 11:07

Tgt Ion:117 Resp: 182690
 Ion Ratio Lower Upper
 117 100
 82 60.0 40.4 60.6
 119 32.0 25.8 38.6

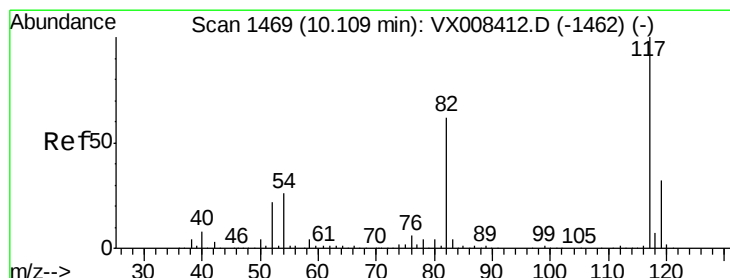
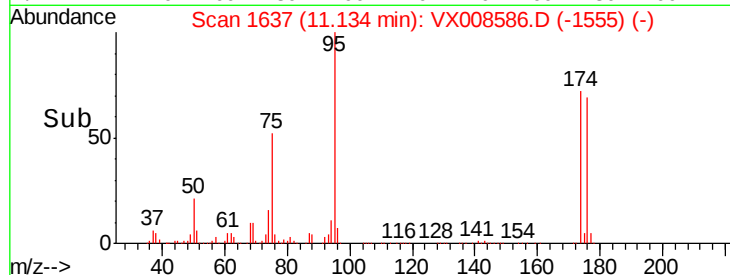
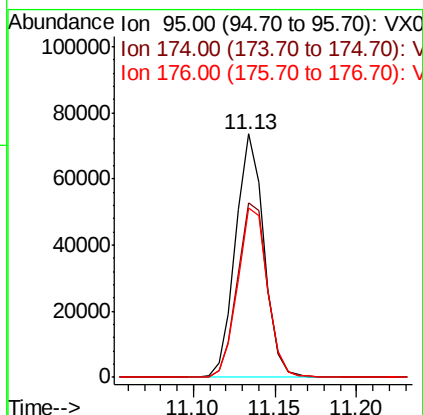
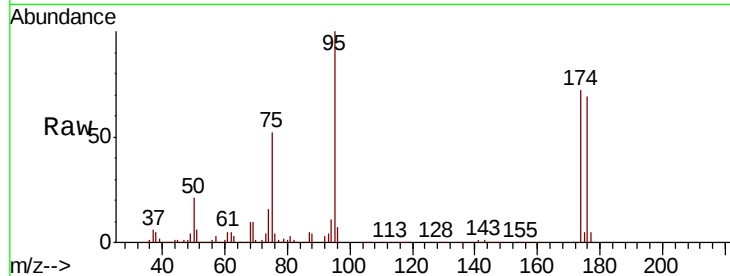




#60
4-Bromofluorobenzene
Concen: 28.055 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008586.D
Acq: 02 Apr 2019 11:07

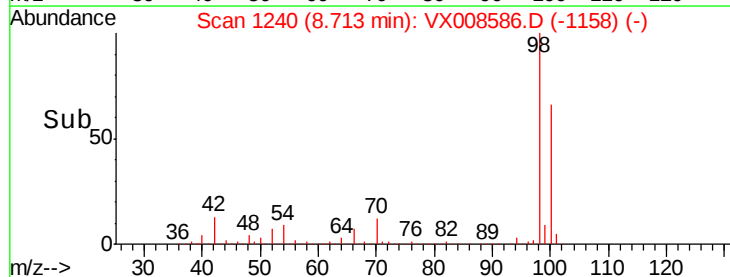
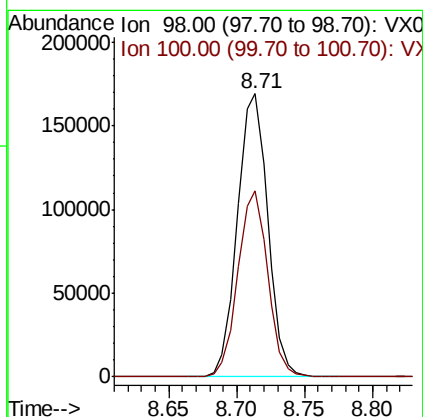
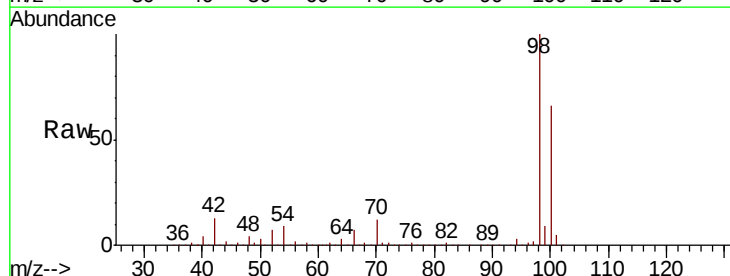
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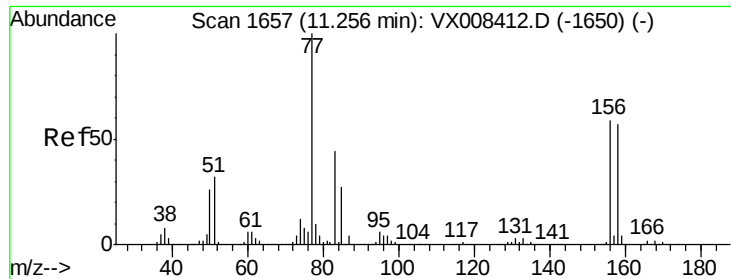
Tgt Ion: 95 Resp: 89302
Ion Ratio Lower Upper
95 100
174 75.4 74.9 112.3
176 73.1 70.7 106.1



#63
Toluene-d8
Concen: 30.474 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008586.D
Acq: 02 Apr 2019 11:07

Tgt Ion: 98 Resp: 264264
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#77
t-1,4-Dichloro-2-butene
Concen: 32.626 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008586.D
Acq: 02 Apr 2019 11:07

Instrument :
MSVOA_W
ClientSampleId :
VX0402WBL01

Tgt Ion: 75 Resp: 45680
Ion Ratio Lower Upper
75 100
53 0.2 55.5 166.7#
89 0.0 24.4 73.2#

