

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100419\
 Data File : VX012811.D
 Acq On : 04 Oct 2019 15:01
 Operator : JC/SP
 Sample : K5189-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW128D-20190930

Quant Time: Oct 05 05:29:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

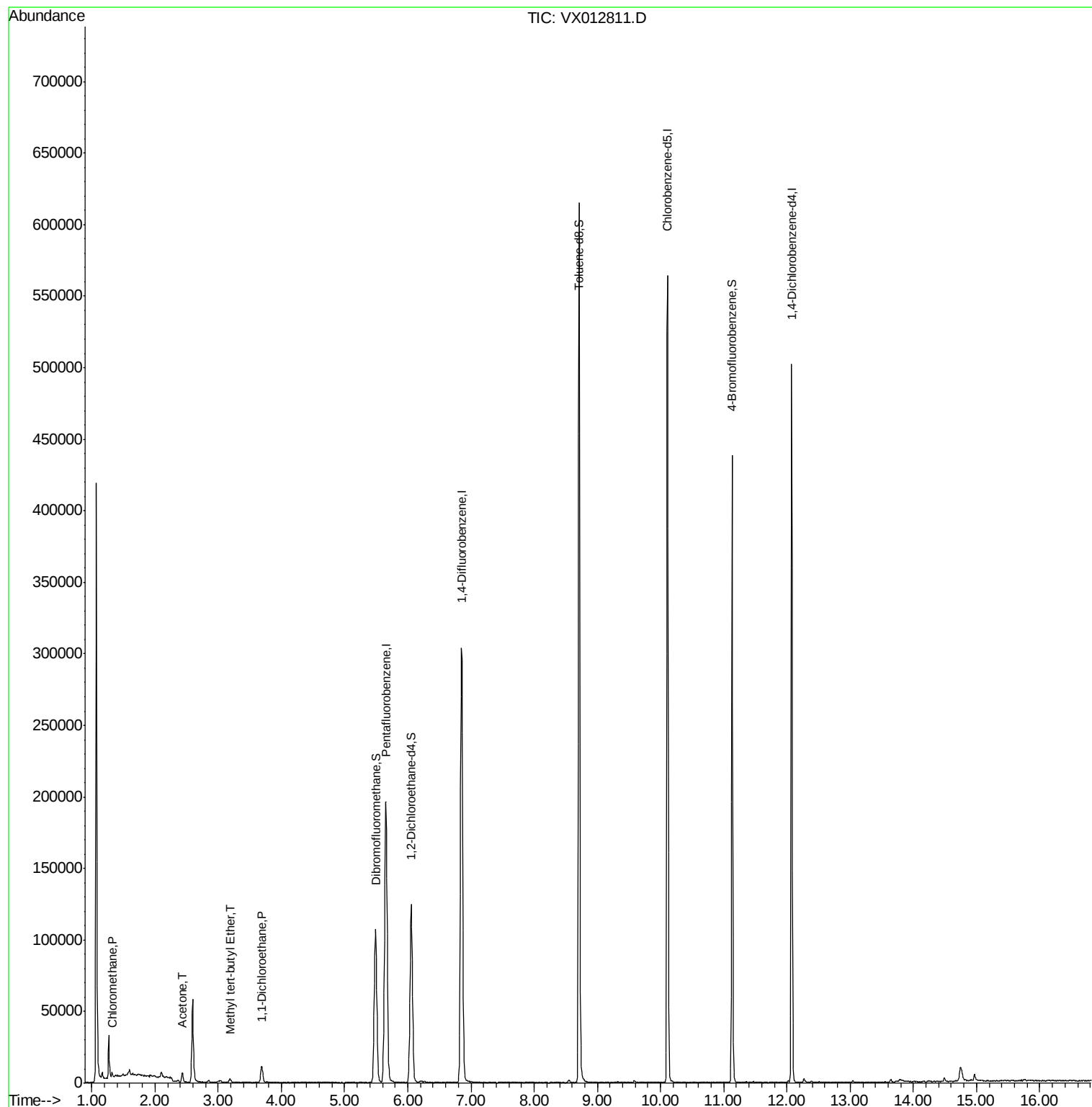
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	307821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	120437	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
35) Dibromofluoromethane	5.49	113	93488	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
50) Toluene-d8	8.71	98	360293	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.14	95	121393	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.46%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	1904	0.805	ug/l #	88
16) Acetone	2.43	43	7530	5.332	ug/l	90
19) Methyl tert-butyl Ether	3.19	73	2556	0.343	ug/l #	86
24) 1,1-Dichloroethane	3.69	63	12904	3.146	ug/l	96

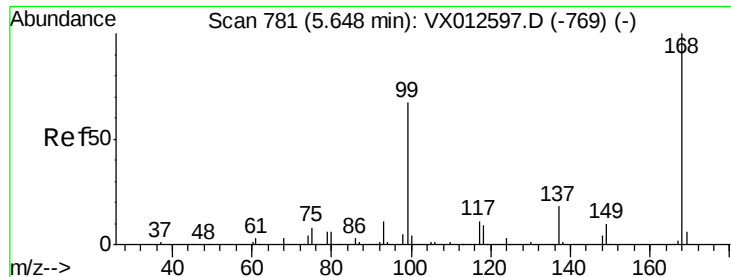
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012811.D

Acq: 04 Oct 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

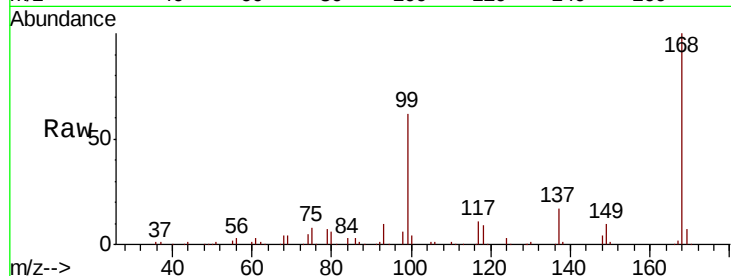
SA-MW128D-20190930

Tot Ion:168 Resp: 183093

Ion Ratio Lower Upper

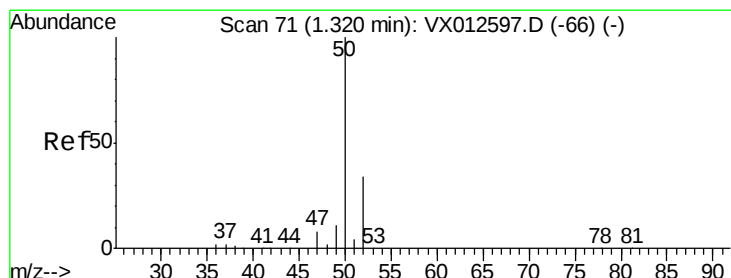
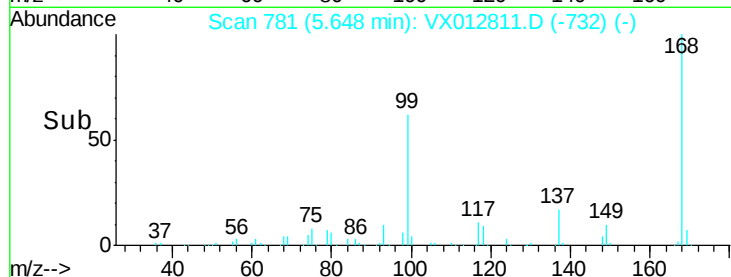
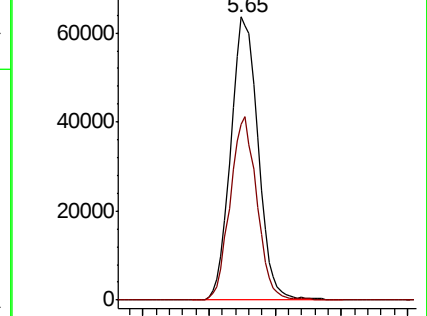
168 100

99 62.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.805 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012811.D

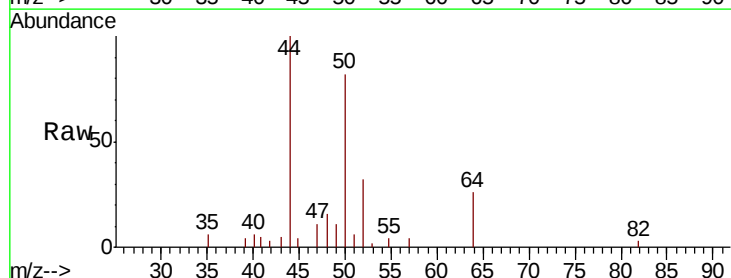
Acq: 04 Oct 2019 15:01

Tgt Ion: 50 Resp: 1904

Ion Ratio Lower Upper

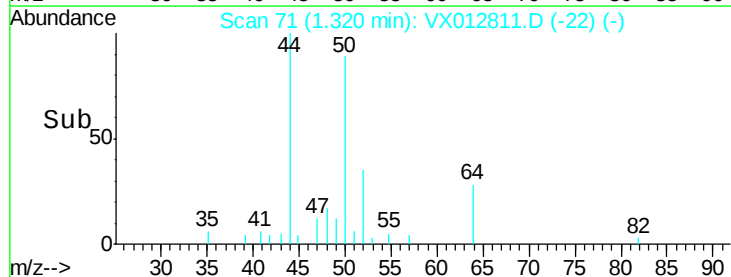
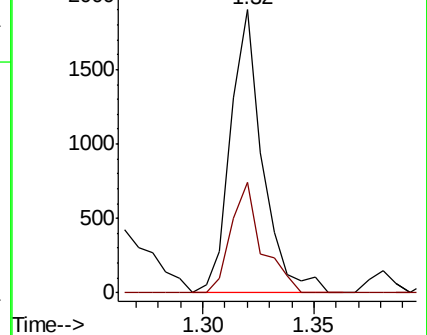
50 100

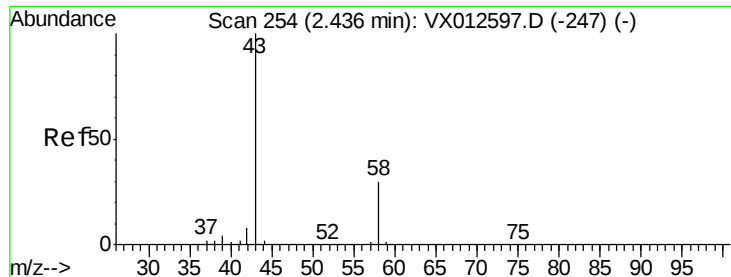
52 39.0 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 5.332 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012811.D

Acq: 04 Oct 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

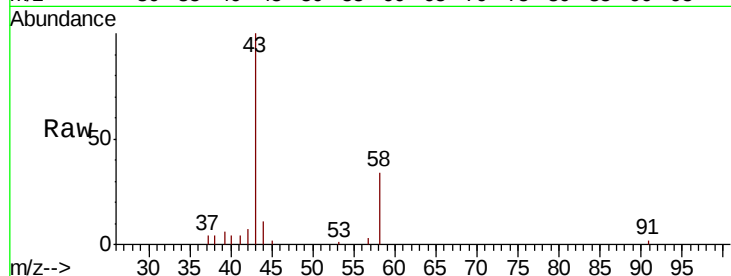
SA-MW128D-20190930

Tot Ion: 43 Resp: 7530

Ion Ratio Lower Upper

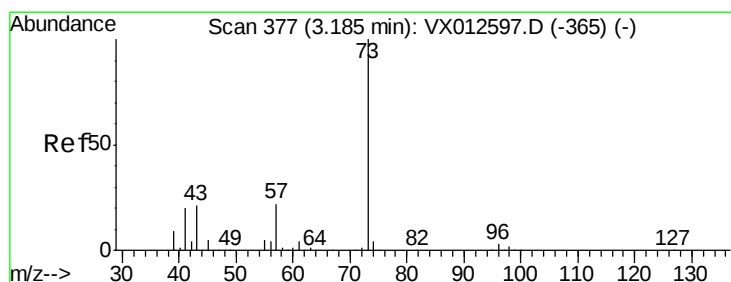
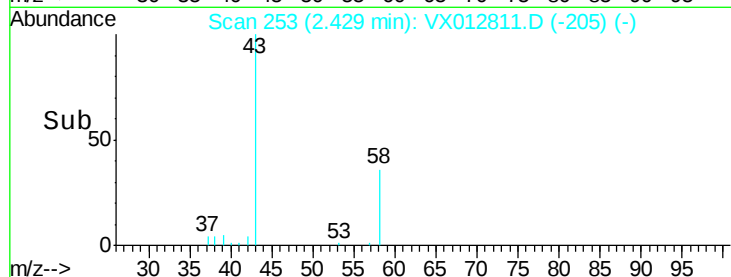
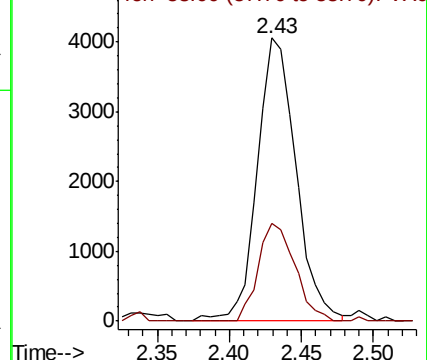
43 100

58 34.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 0.343 ug/l

RT: 3.19 min Scan# 378

Delta R.T. 0.01 min

Lab File: VX012811.D

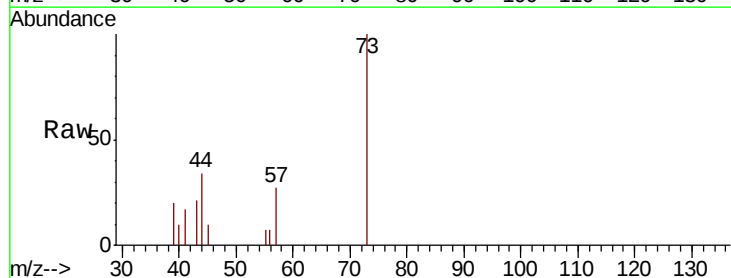
Acq: 04 Oct 2019 15:01

Tgt Ion: 73 Resp: 2556

Ion Ratio Lower Upper

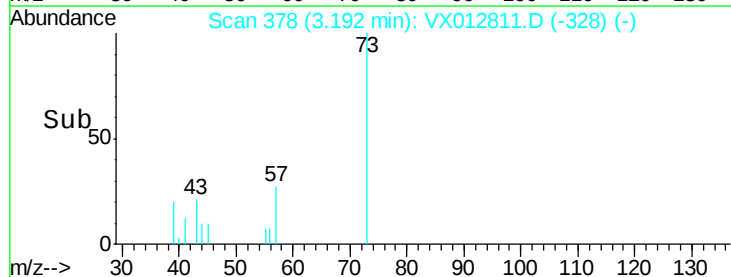
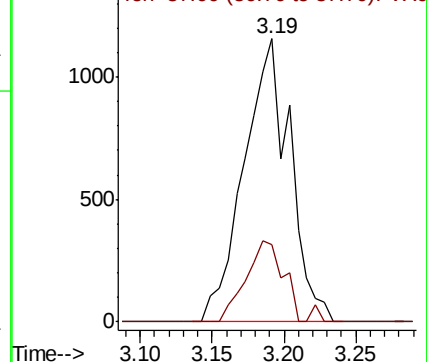
73 100

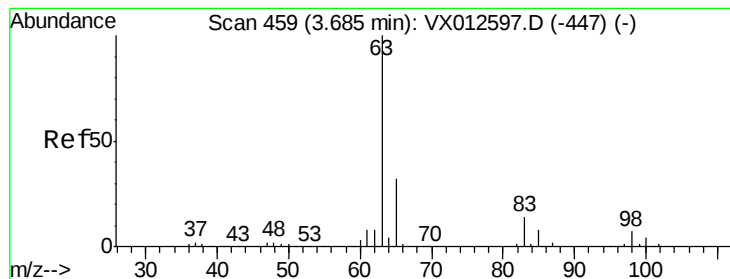
57 27.4 16.8 25.2#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#24

1,1-Dichloroethane

Concen: 3.146 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012811.D

Acq: 04 Oct 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

SA-MW128D-20190930

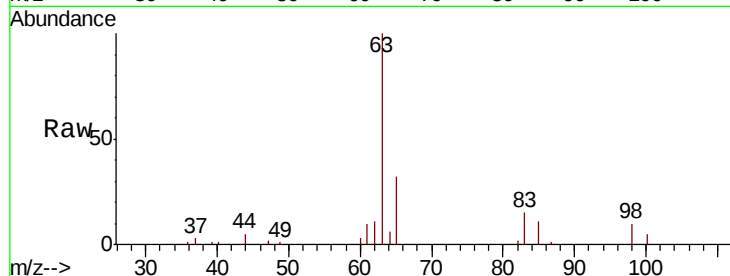
Tot Ion: 63 Resp: 12904

Ion Ratio Lower Upper

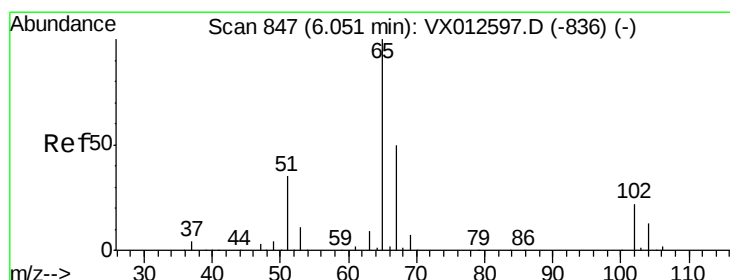
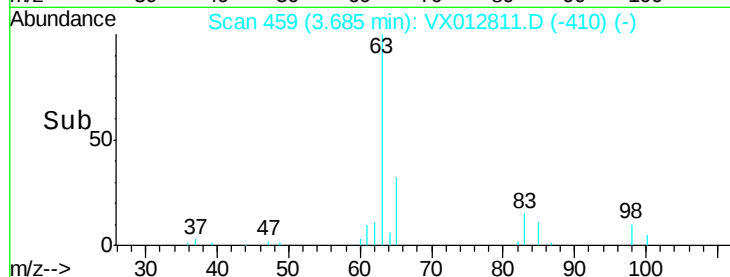
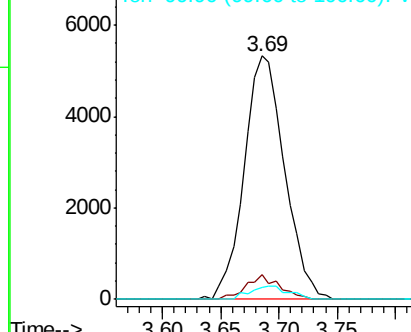
63 100

98 10.0 3.9 11.7

100 5.0 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.172 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012811.D

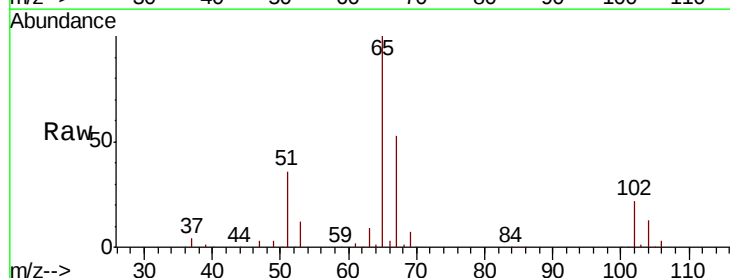
Acq: 04 Oct 2019 15:01

Tgt Ion: 65 Resp: 120437

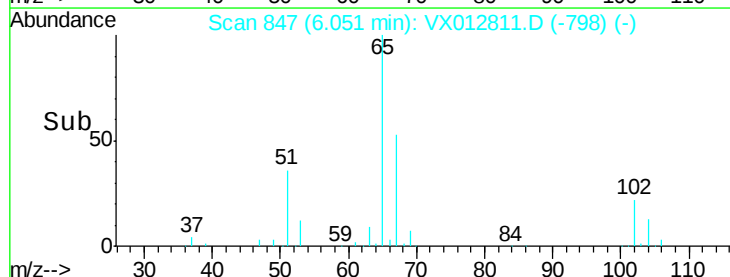
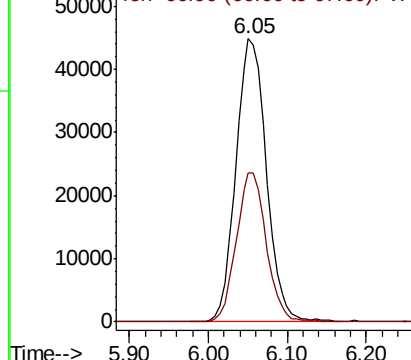
Ion Ratio Lower Upper

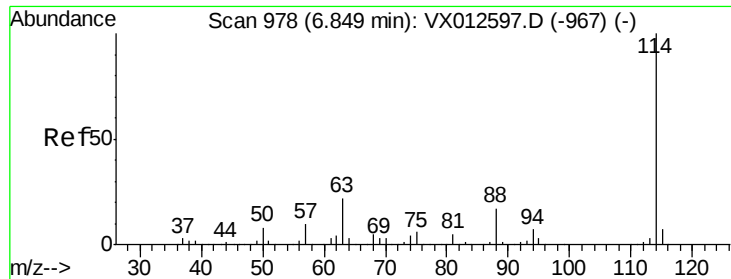
65 100

67 51.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

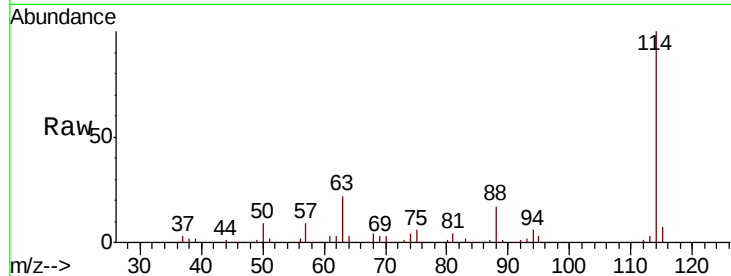




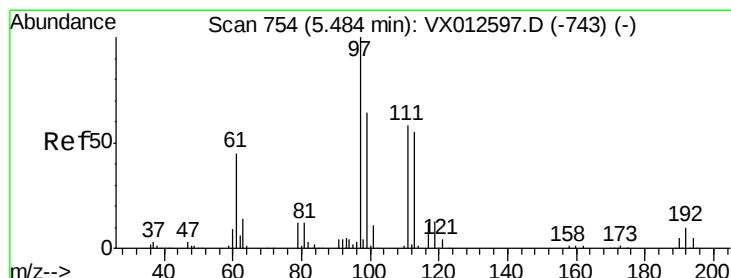
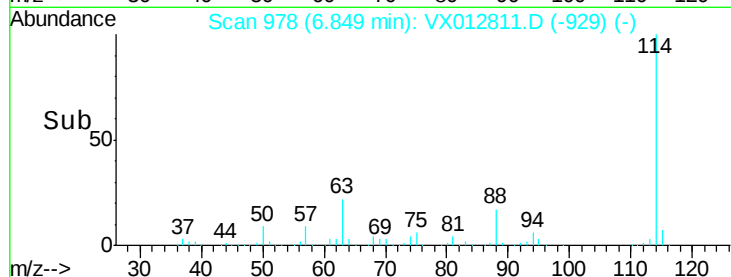
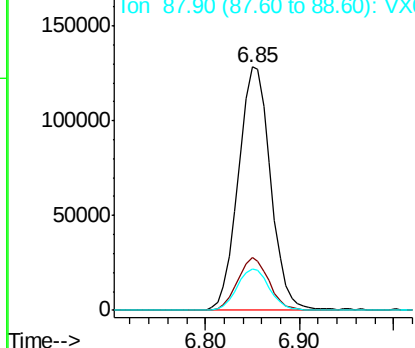
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012811.D
 Acq: 04 Oct 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW128D-20190930

Tot Ion:114 Resp: 307821
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 16.9 0.0 33.2

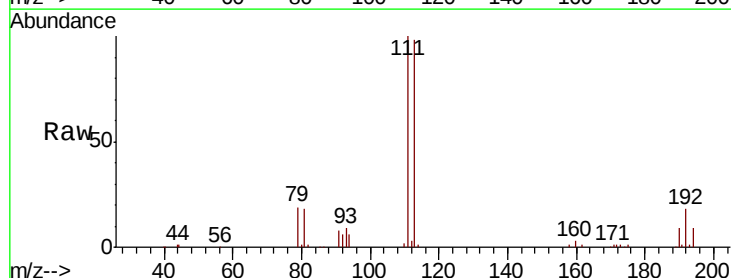


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

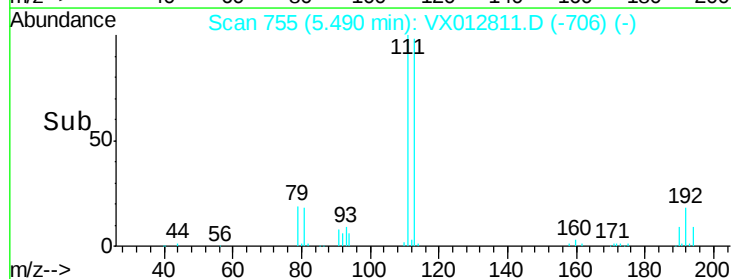
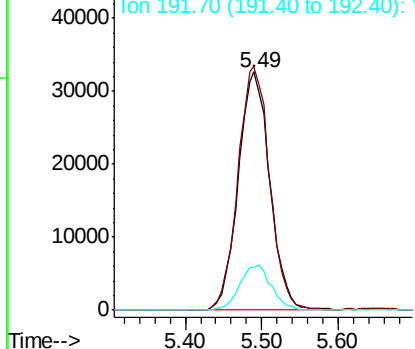


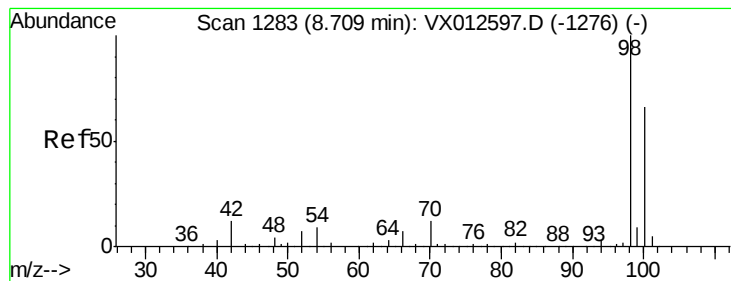
#35
 Dibromofluoromethane
 Concen: 50.997 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012811.D
 Acq: 04 Oct 2019 15:01

Tgt Ion:113 Resp: 93488
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.2
 192 19.0 14.4 21.6



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: 51.034 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012811.D

Acq: 04 Oct 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

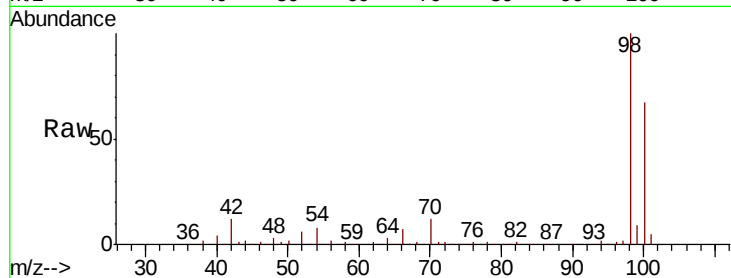
SA-MW128D-20190930

Tot Ion: 98 Resp: 360293

Ion Ratio Lower Upper

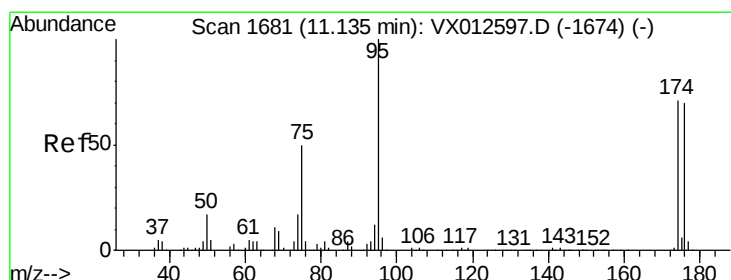
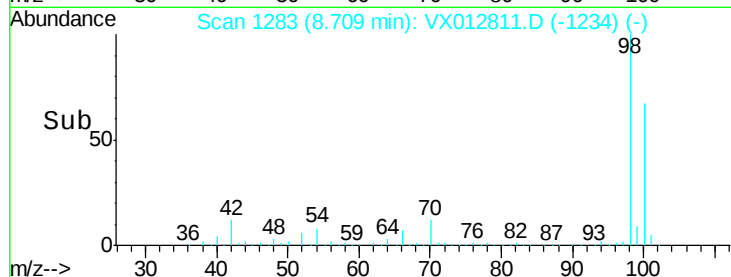
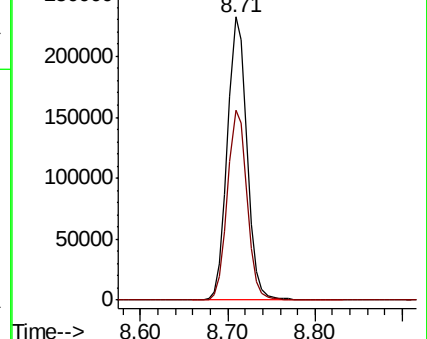
98 100

100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 43.730 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012811.D

Acq: 04 Oct 2019 15:01

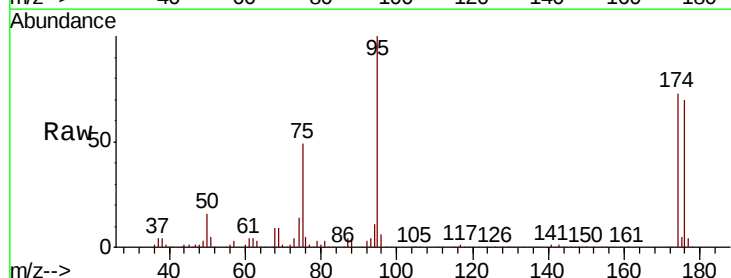
Tgt Ion: 95 Resp: 121393

Ion Ratio Lower Upper

95 100

174 70.8 0.0 140.0

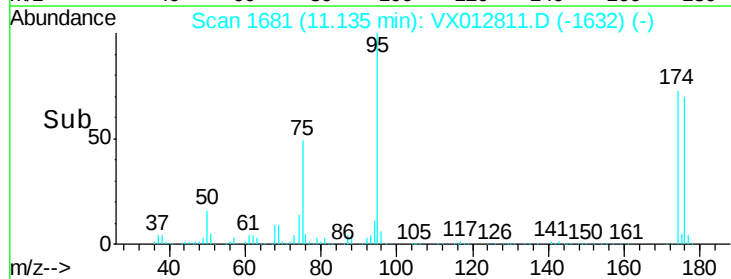
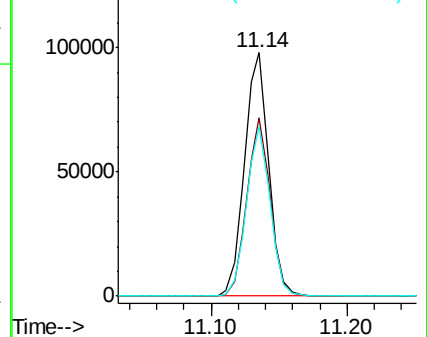
176 68.0 0.0 135.4

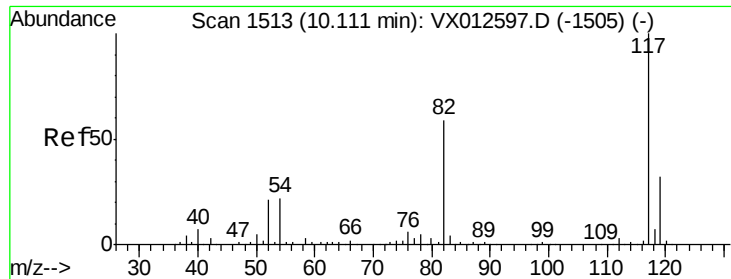


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

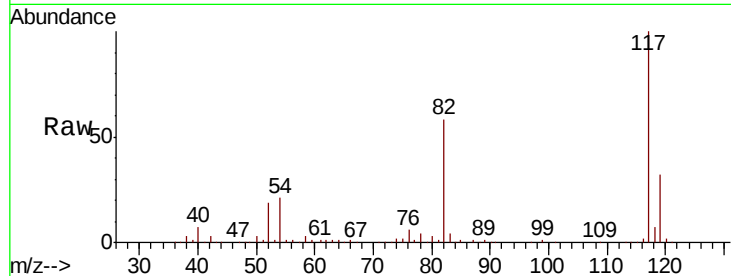




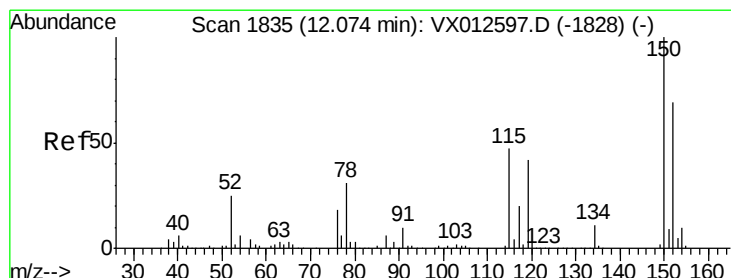
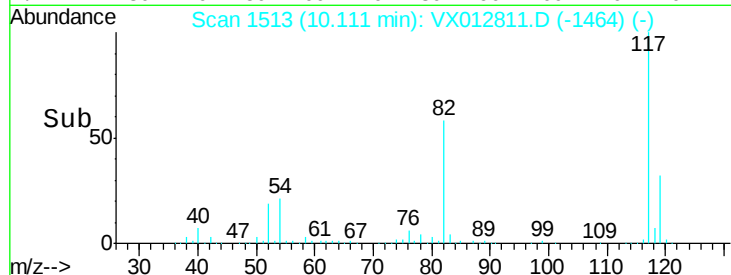
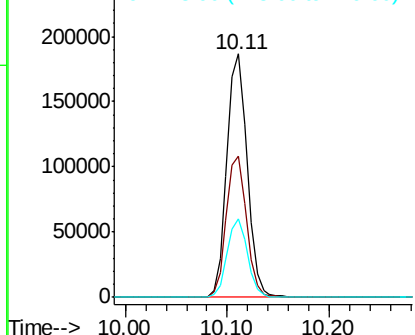
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012811.D
Acq: 04 Oct 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
SA-MW128D-20190930

Tot Ion:117 Resp: 257961
Ion Ratio Lower Upper
117 100
82 58.1 45.9 68.9
119 32.0 25.3 37.9

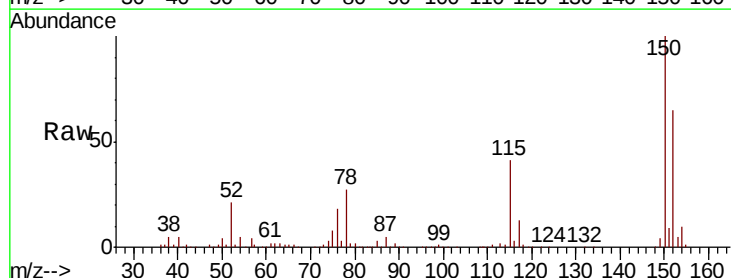


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012811.D
Acq: 04 Oct 2019 15:01

Tgt Ion:152 Resp: 95782
Ion Ratio Lower Upper
152 100
115 65.0 44.1 132.3
150 155.7 0.0 343.8



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

