

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012793.D
 Acq On : 03 Oct 2019 18:56
 Operator : JC/SP
 Sample : K5189-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW128I-20190930

Quant Time: Oct 04 07:40:10 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

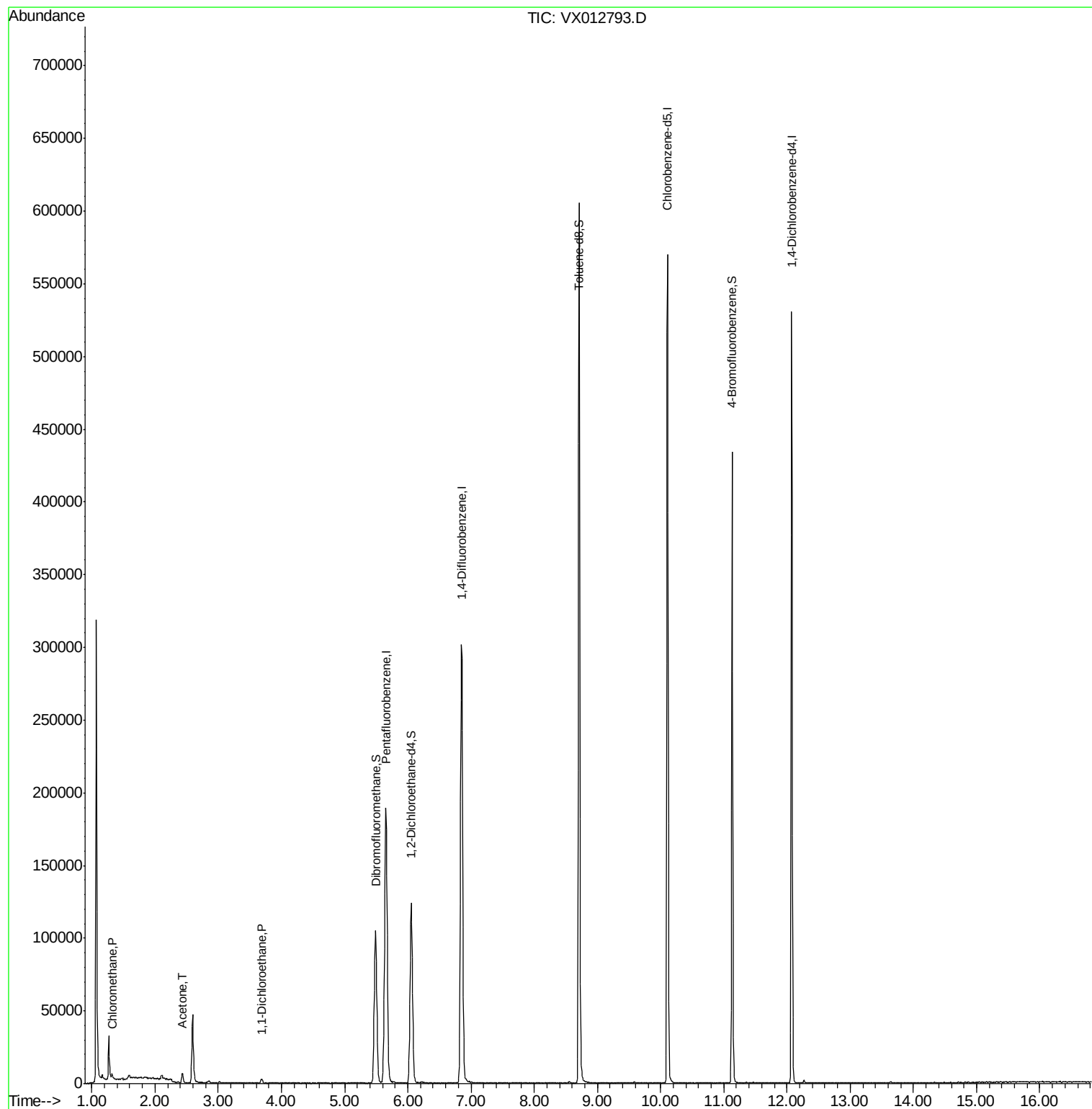
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	119573	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
35) Dibromofluoromethane	5.49	113	89530	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
50) Toluene-d8	8.71	98	352724	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	120175	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.70%	
Target Compounds						
3) Chloromethane	1.32	50	1542	0.687	ug/l #	83
16) Acetone	2.43	43	7028	5.242	ug/l	100
24) 1,1-Dichloroethane	3.69	63	3278	0.842	ug/l	98

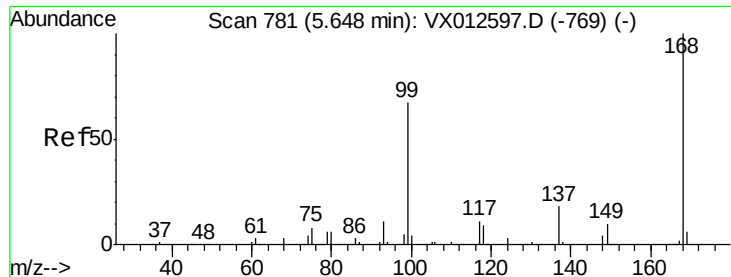
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 782

Delta R.T. 0.01 min

Lab File: VX012793.D

Acq: 03 Oct 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

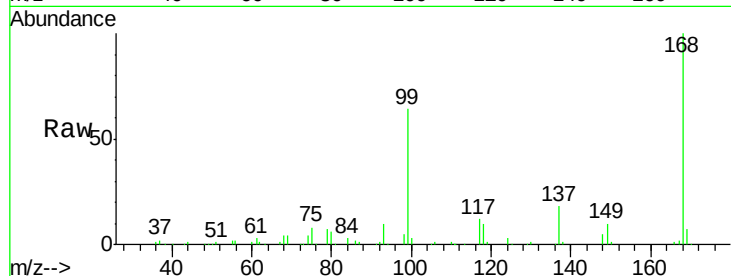
SA-MW128I-20190930

Tot Ion:168 Resp: 173813

Ion Ratio Lower Upper

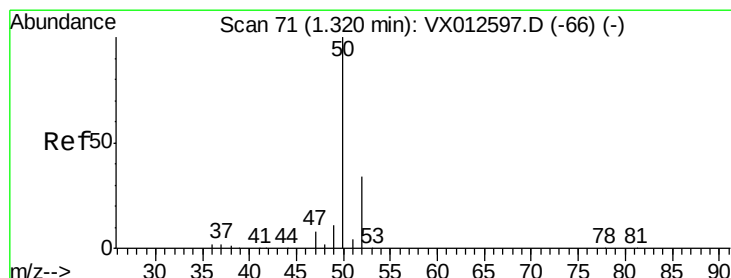
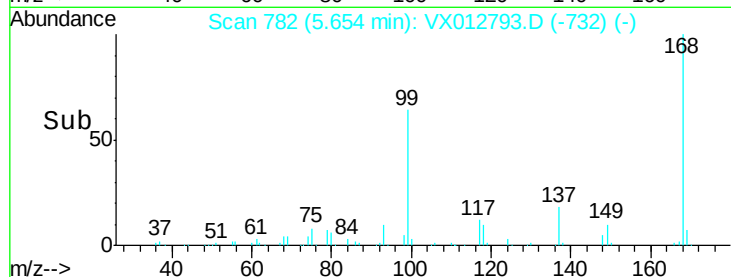
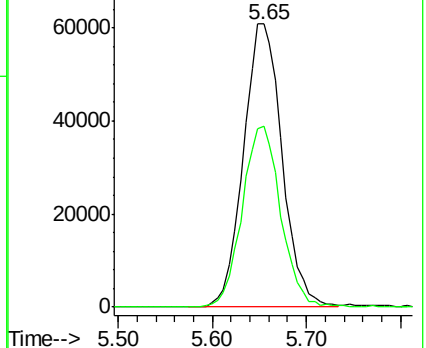
168 100

99 64.0 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: 0.687 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012793.D

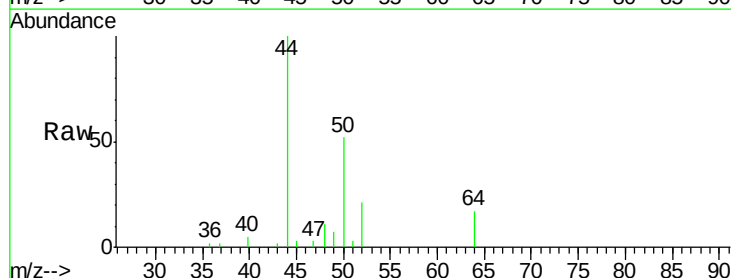
Acq: 03 Oct 2019 18:56

Tgt Ion: 50 Resp: 1542

Ion Ratio Lower Upper

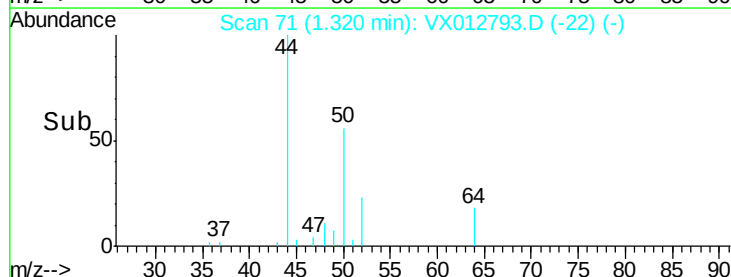
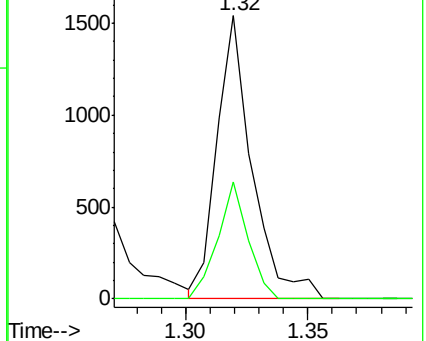
50 100

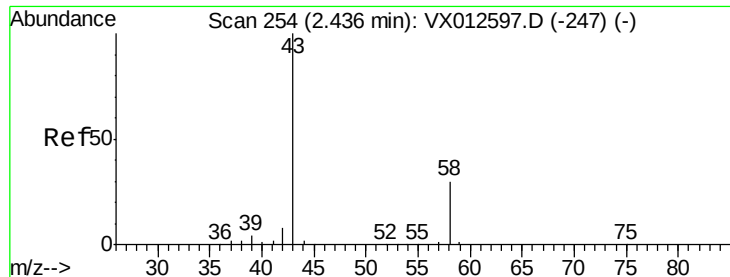
52 41.4 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 5.242 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012793.D

Acq: 03 Oct 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

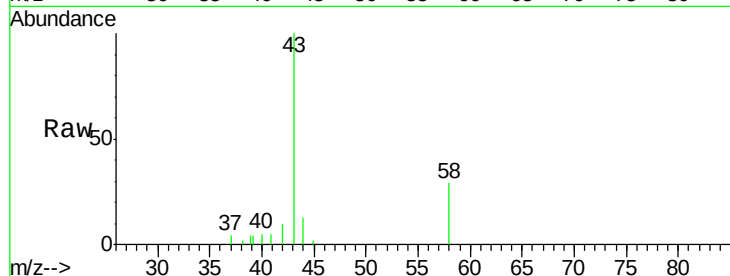
SA-MW128I-20190930

Tot Ion: 43 Resp: 7028

Ion Ratio Lower Upper

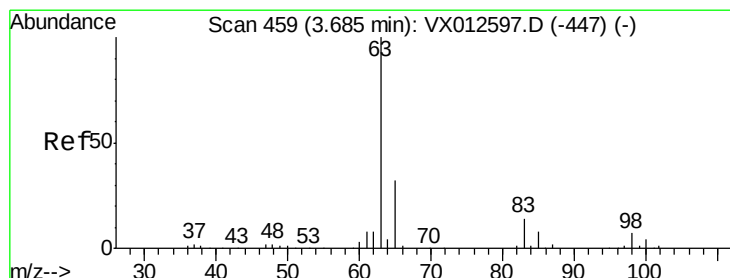
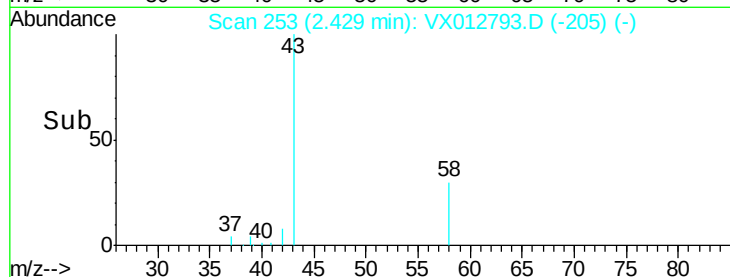
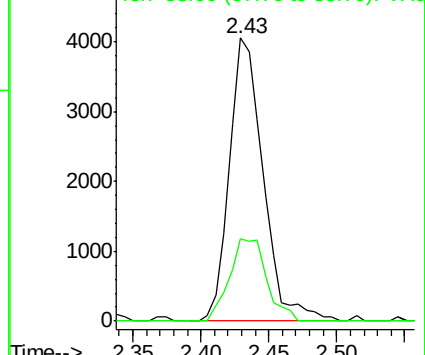
43 100

58 29.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 0.842 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX012793.D

Acq: 03 Oct 2019 18:56

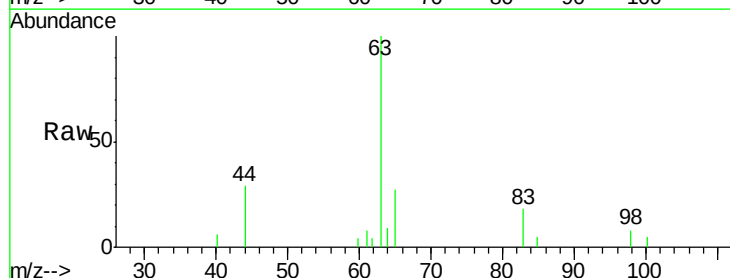
Tgt Ion: 63 Resp: 3278

Ion Ratio Lower Upper

63 100

98 8.4 3.9 11.7

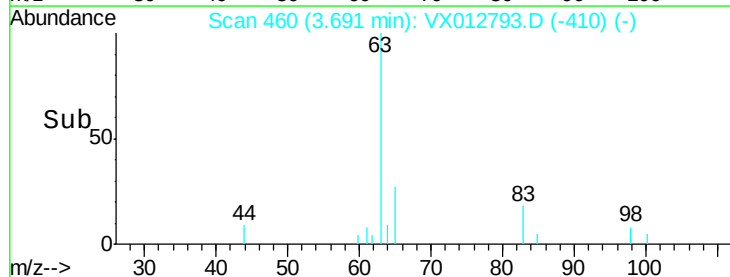
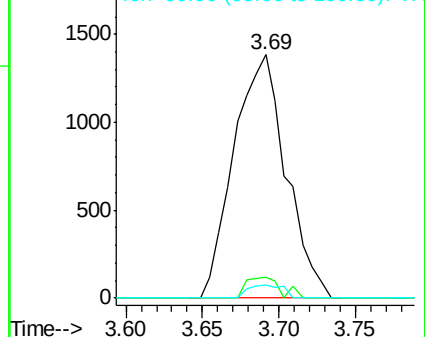
100 5.2 2.3 6.9

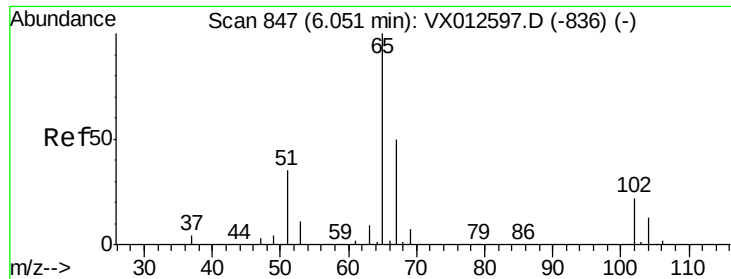


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

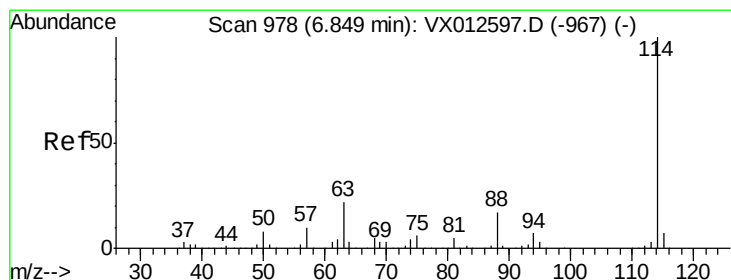
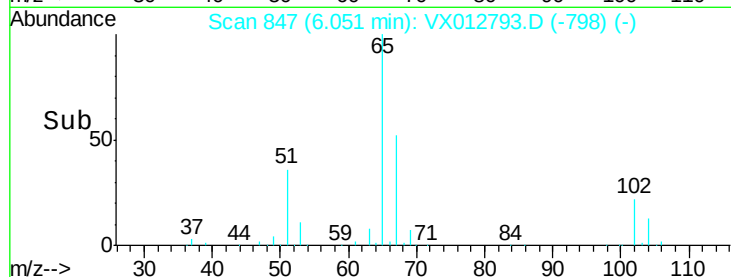
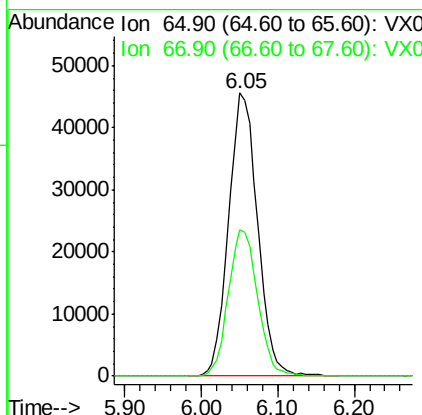
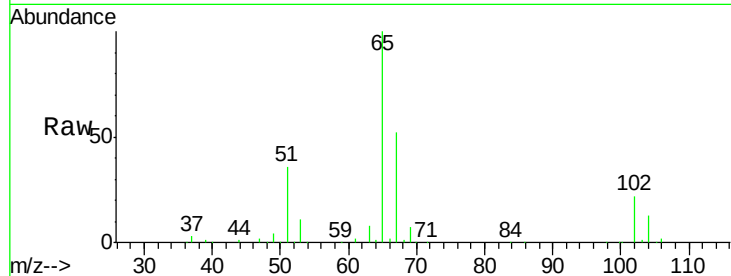




#33
 1,2-Dichloroethane-d4
 Concen: 47.242 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012793.D
 Acq: 03 Oct 2019 18:56

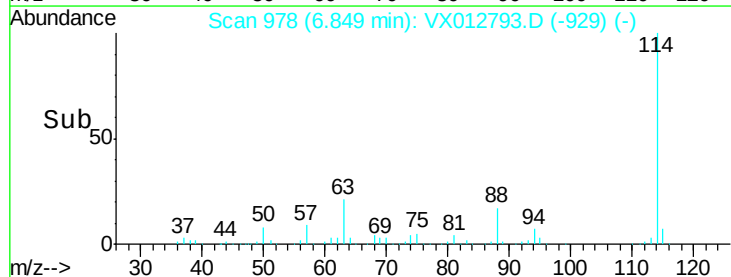
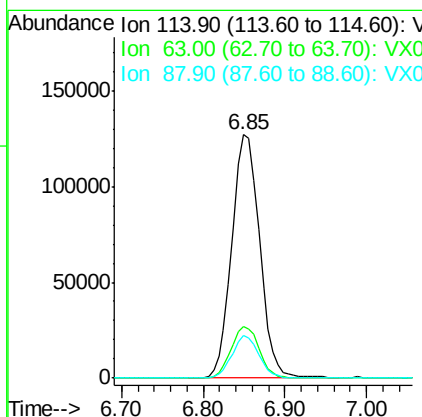
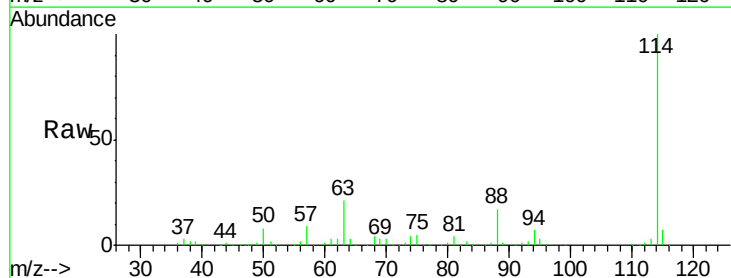
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW128I-20190930

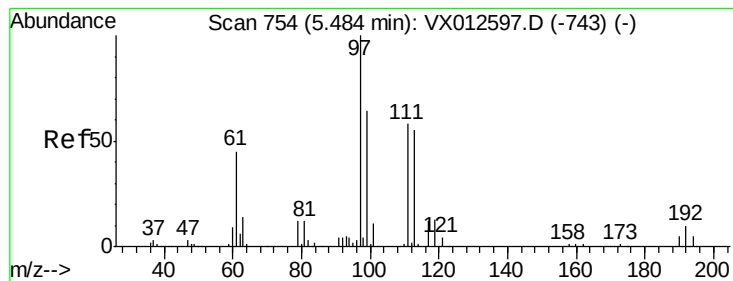
Tot Ion: 65 Resp: 119573
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012793.D
 Acq: 03 Oct 2019 18:56

Tgt Ion: 114 Resp: 300464
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 17.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.034 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012793.D

Acq: 03 Oct 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

SA-MW128I-20190930

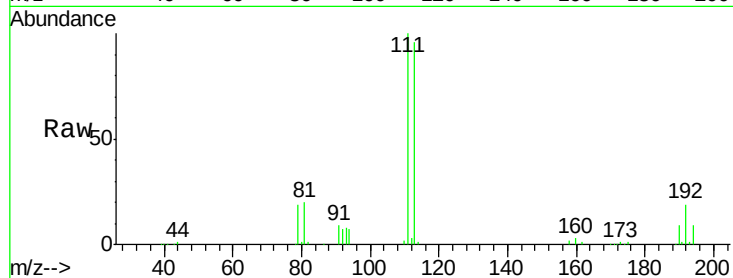
Tot Ion:113 Resp: 89530

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

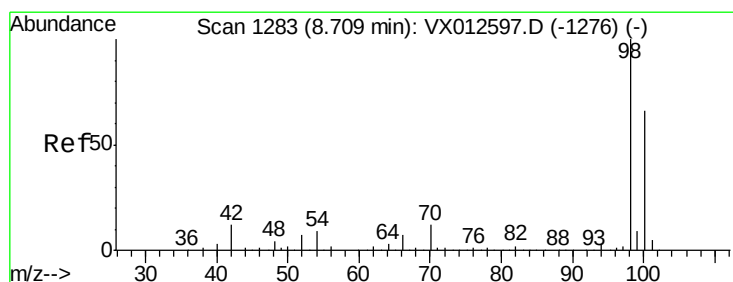
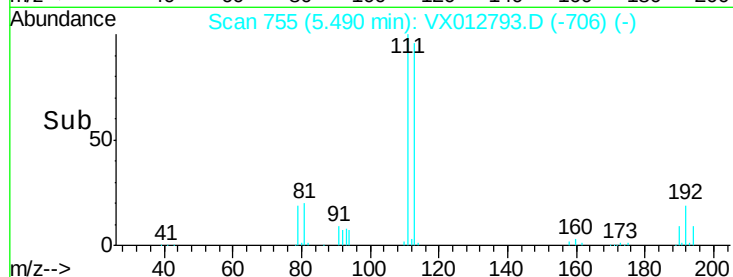
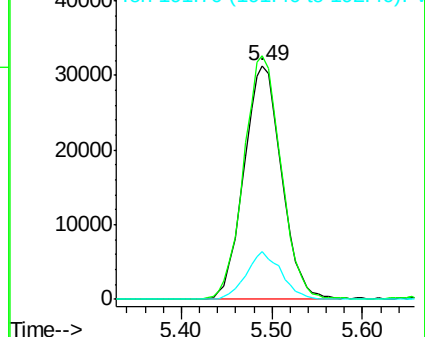
192 19.0 14.4 21.6



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: 51.186 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012793.D

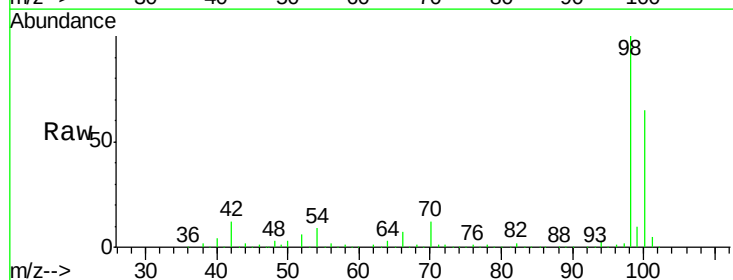
Acq: 03 Oct 2019 18:56

Tgt Ion: 98 Resp: 352724

Ion Ratio Lower Upper

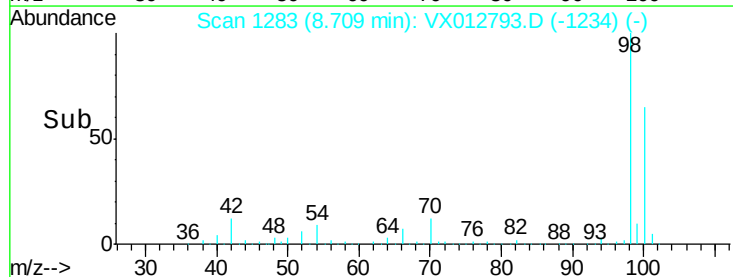
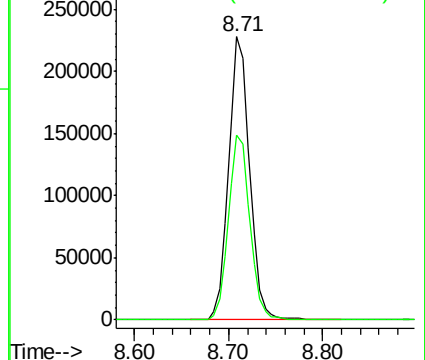
98 100

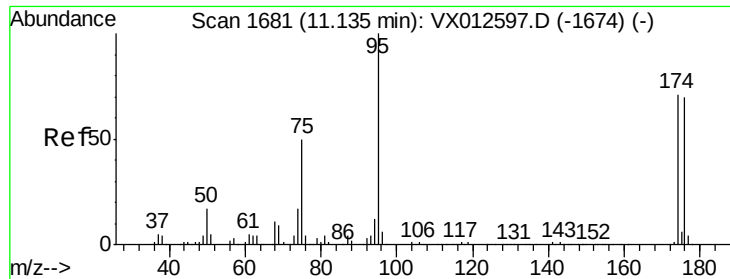
100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.352 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012793.D

Acq: 03 Oct 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

SA-MW128I-20190930

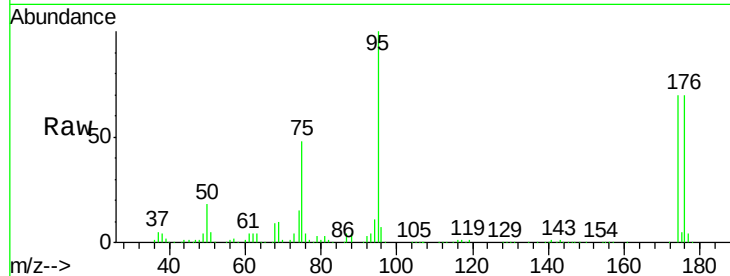
Tot Ion: 95 Resp: 120175

Ion Ratio Lower Upper

95 100

174 68.9 0.0 140.0

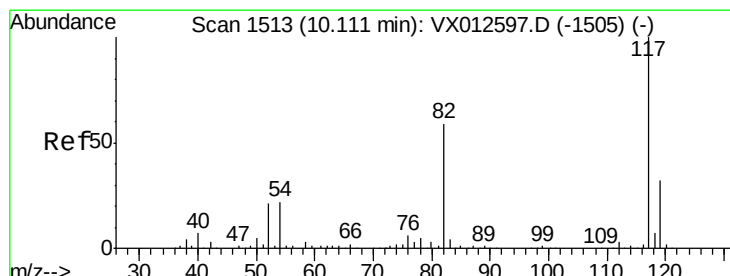
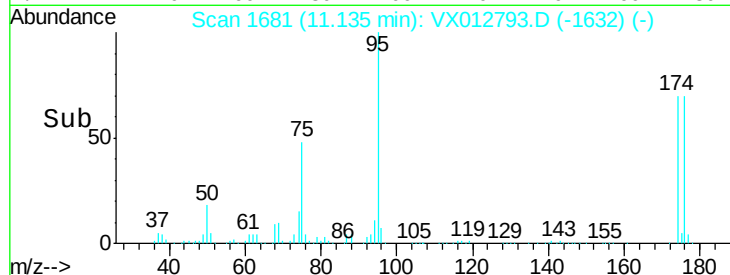
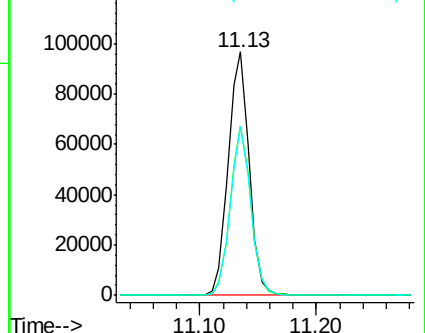
176 68.0 0.0 135.4



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: VX012793.D

Acq: 03 Oct 2019 18:56

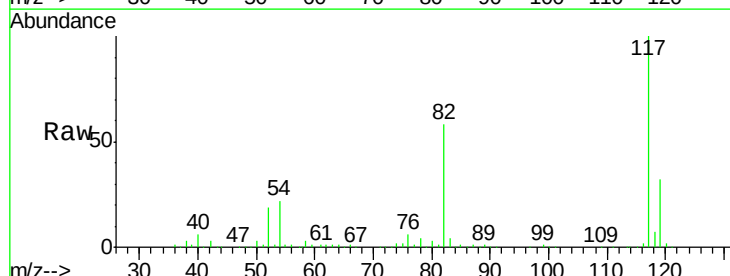
Tgt Ion: 117 Resp: 258563

Ion Ratio Lower Upper

117 100

82 57.8 45.9 68.9

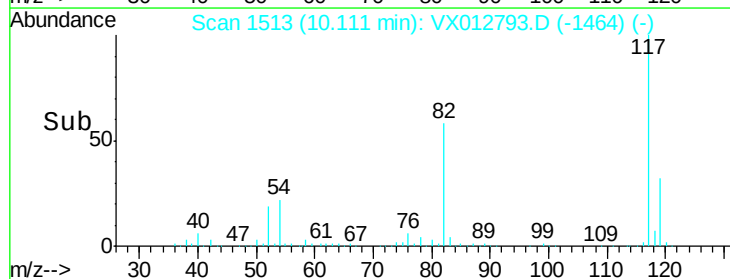
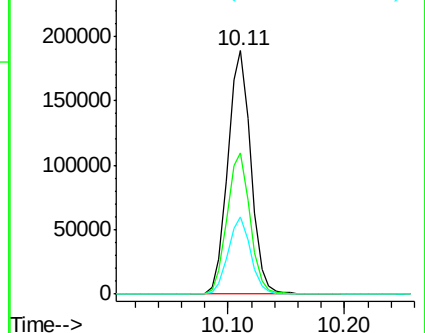
119 31.8 25.3 37.9

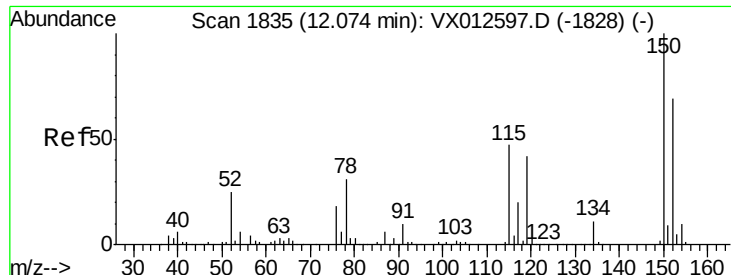


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

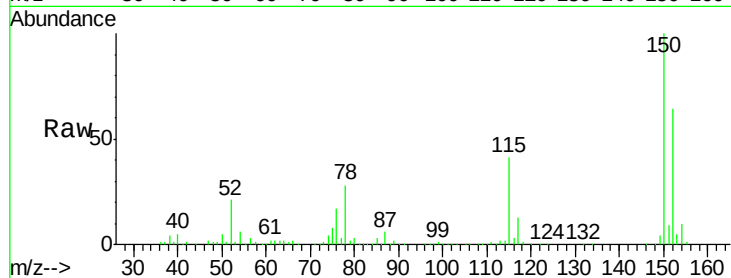




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012793.D
 Acq: 03 Oct 2019 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW128I-20190930

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.2	44.1	132.3
150	156.2	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

