

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011333.D
 Acq On : 05 Aug 2019 18:00
 Operator : JC/SP
 Sample : K4130-35
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-L-(0-1)

Quant Time: Aug 06 03:49:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

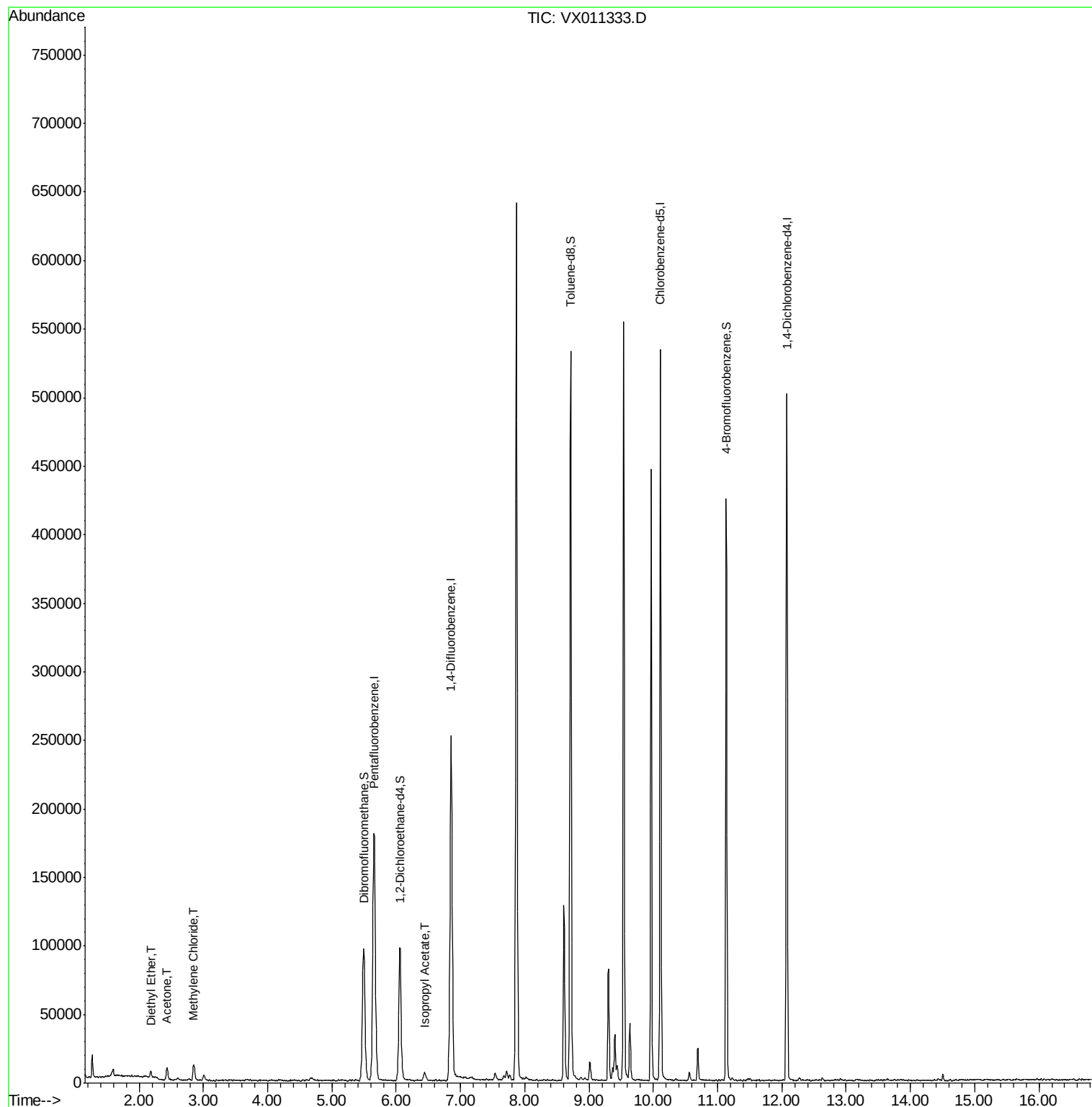
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264922	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	89396	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
35) Dibromofluoromethane	5.49	113	79949	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
50) Toluene-d8	8.71	98	315760	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.13	95	102912	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
Target Compounds						
8) Diethyl Ether	2.18	74	1802	1.634	ug/l	82
16) Acetone	2.43	43	9916	11.364	ug/l	98
20) Methylene Chloride	2.85	84	5903	3.089	ug/l	89
43) Isopropyl Acetate	6.44	43	8376	2.258	ug/l #	94

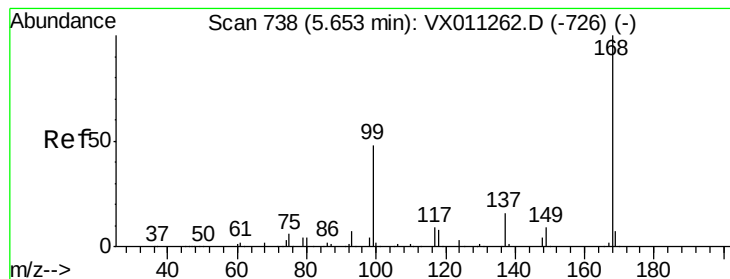
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011333.D

Acq: 05 Aug 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

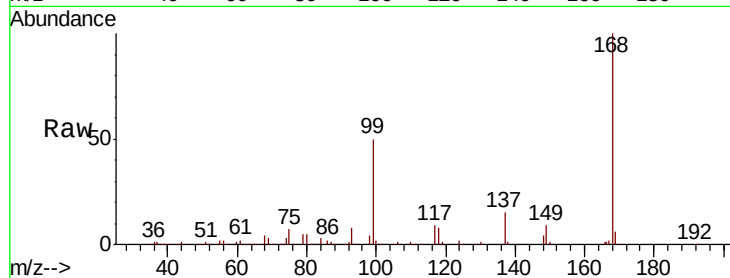
1S-L-(0-1)

Tot Ion:168 Resp: 182037

Ion Ratio Lower Upper

168 100

99 49.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

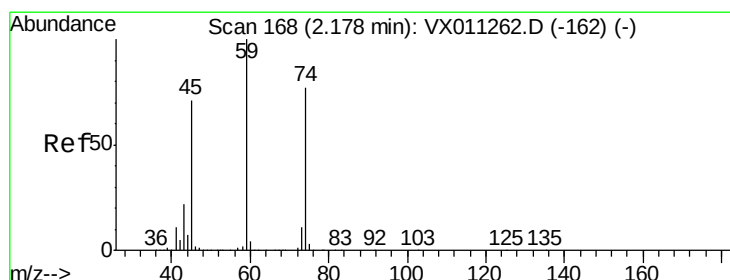
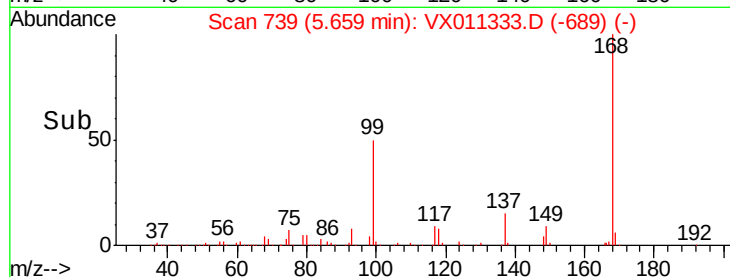
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.634 ug/l

RT: 2.18 min Scan# 168

Delta R.T. -0.00 min

Lab File: VX011333.D

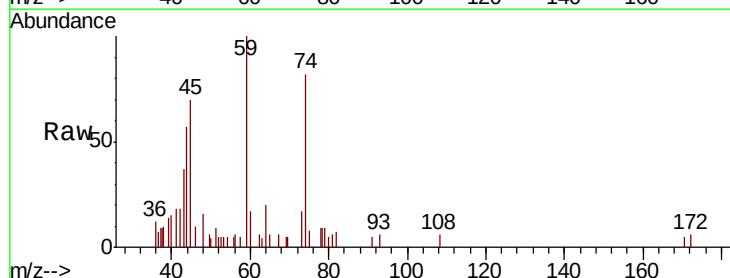
Acq: 05 Aug 2019 18:00

Tgt Ion: 74 Resp: 1802

Ion Ratio Lower Upper

74 100

45 109.7 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.18

1200

1000

800

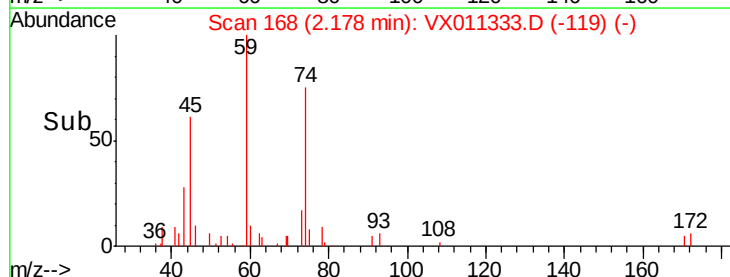
600

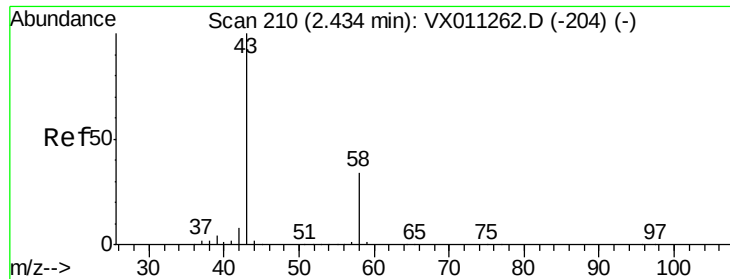
400

200

0

Time--> 2.15 2.20 2.25





#16

Acetone

Concen: 11.364 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011333.D

Acq: 05 Aug 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

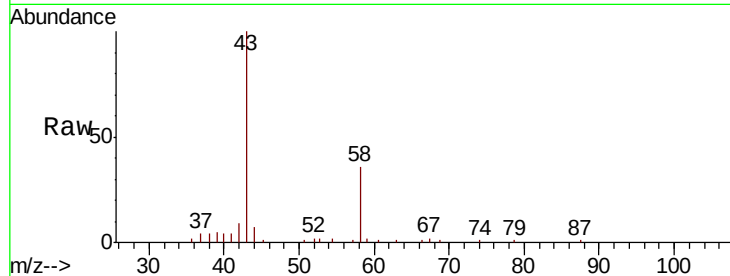
1S-L-(0-1)

Tot Ion: 43 Resp: 9916

Ion Ratio Lower Upper

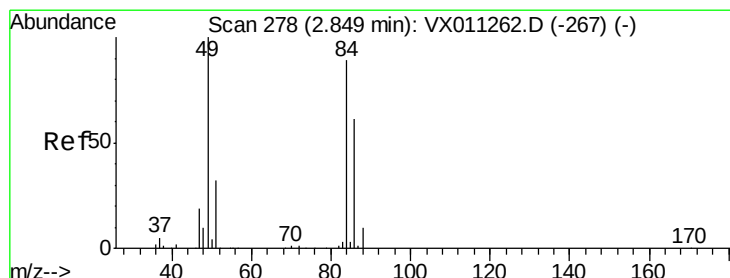
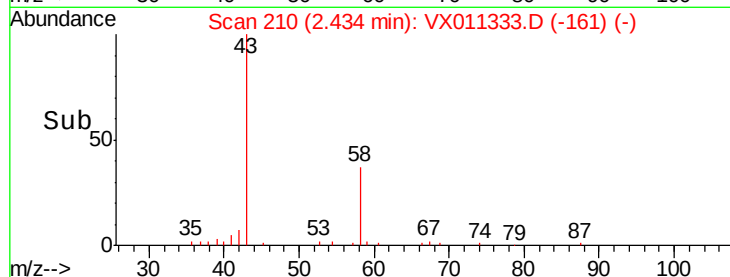
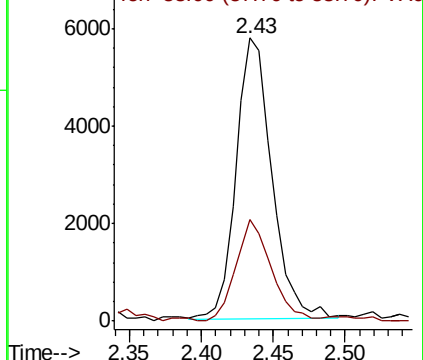
43 100

58 35.4 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 3.089 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011333.D

Acq: 05 Aug 2019 18:00

Tgt Ion: 84 Resp: 5903

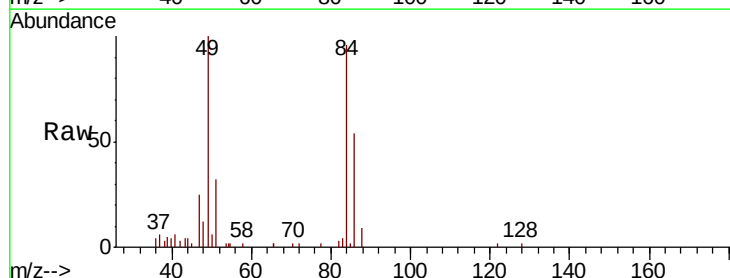
Ion Ratio Lower Upper

84 100

49 102.2 89.3 133.9

51 30.5 28.3 42.5

86 56.0 54.5 81.7

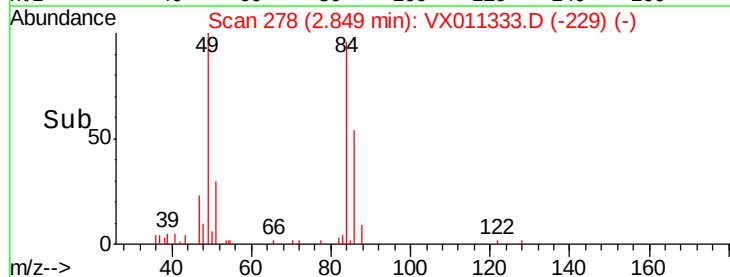
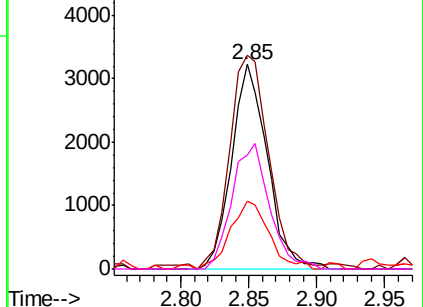


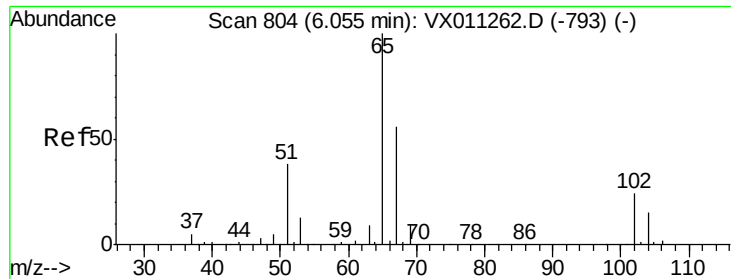
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

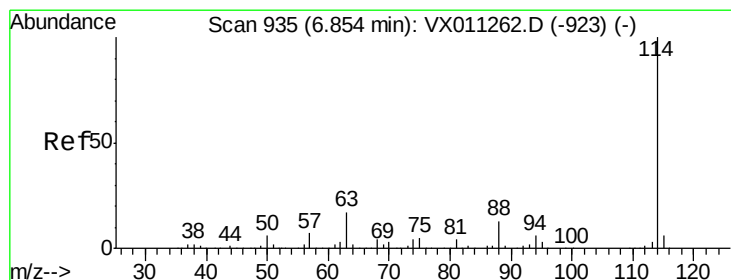
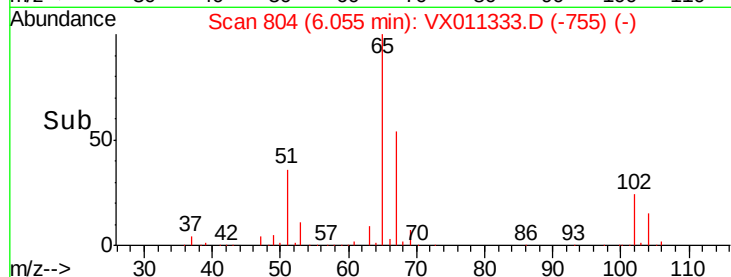
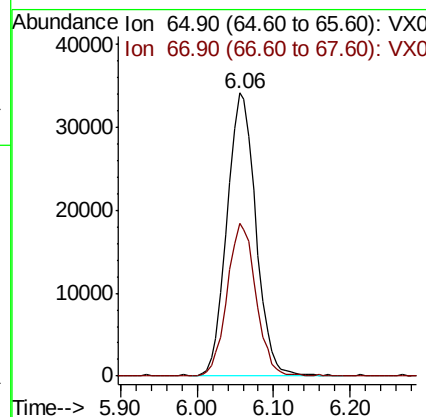
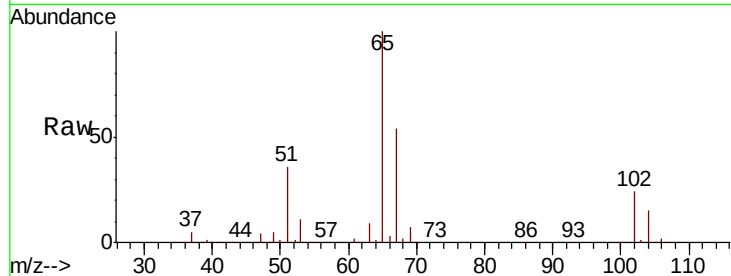




#33
 1,2-Dichloroethane-d4
 Concen: 48.765 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011333.D
 Acq: 05 Aug 2019 18:00

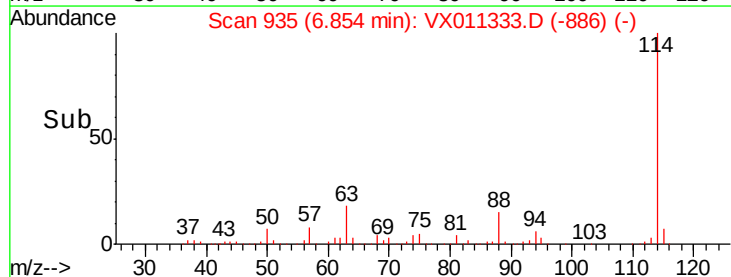
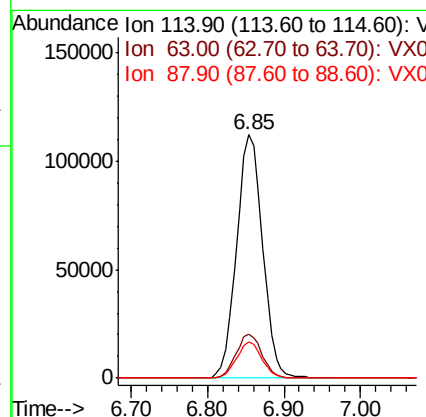
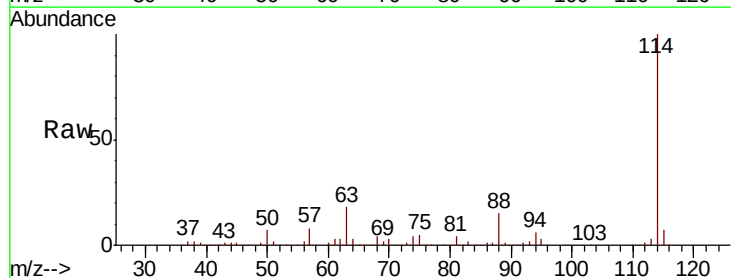
Instrument :
 MSVOA_X
 ClientSampleId :
 1S-L-(0-1)

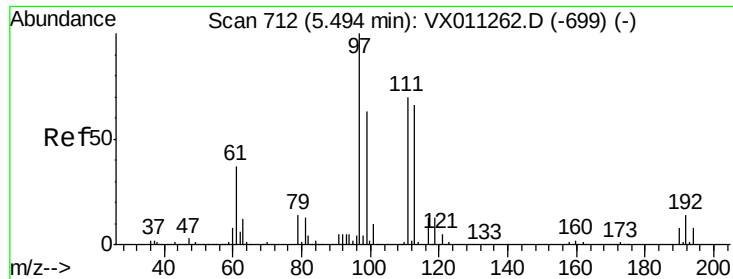
Tot Ion: 65 Resp: 89396
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011333.D
 Acq: 05 Aug 2019 18:00

Tgt Ion: 114 Resp: 264922
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.0
 88 14.9 0.0 26.4

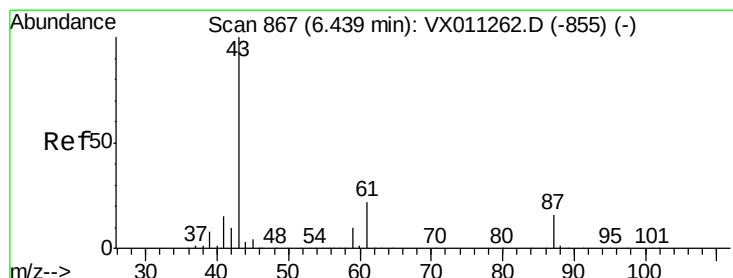
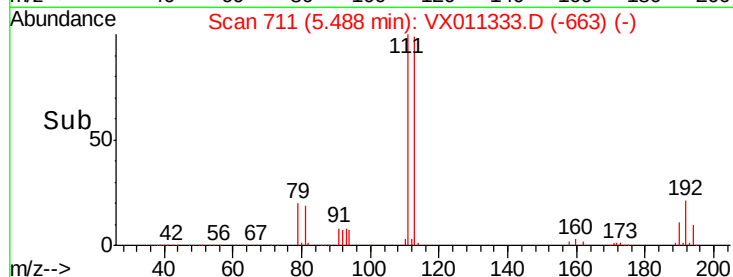
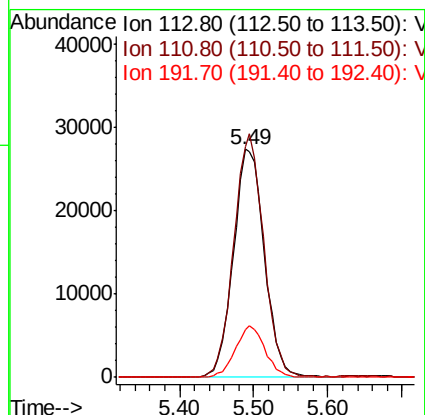
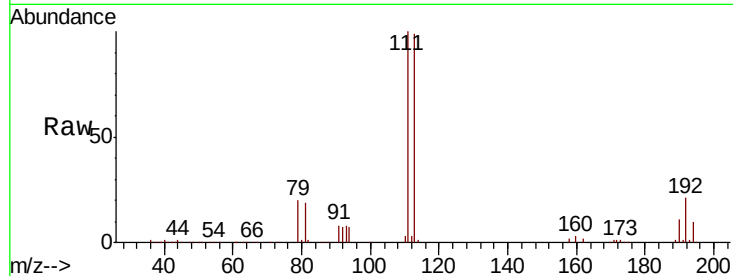




#35
 Dibromofluoromethane
 Concen: 46.224 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011333.D
 Acq: 05 Aug 2019 18:00

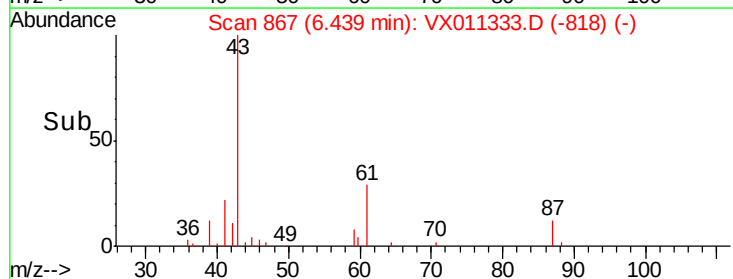
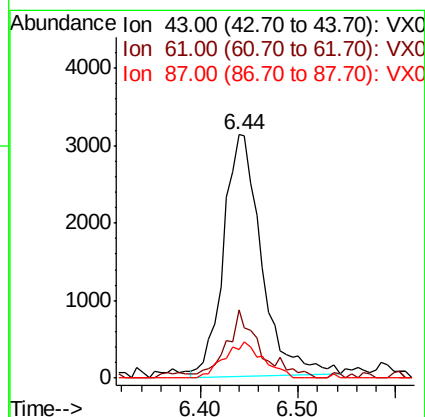
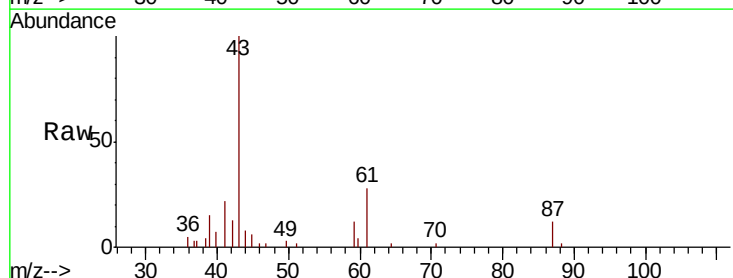
Instrument :
 MSVOA_X
 ClientSampleId :
 1S-L-(0-1)

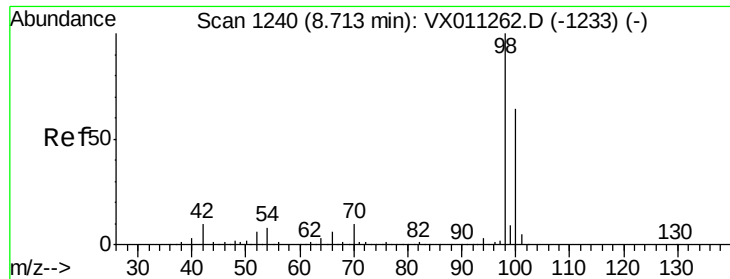
Tot Ion:113 Resp: 79949
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 21.5 17.8 26.8



#43
 Isopropyl Acetate
 Concen: 2.258 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: VX011333.D
 Acq: 05 Aug 2019 18:00

Tgt Ion: 43 Resp: 8376
 Ion Ratio Lower Upper
 43 100
 61 25.2 16.5 24.7#
 87 15.3 12.1 18.1

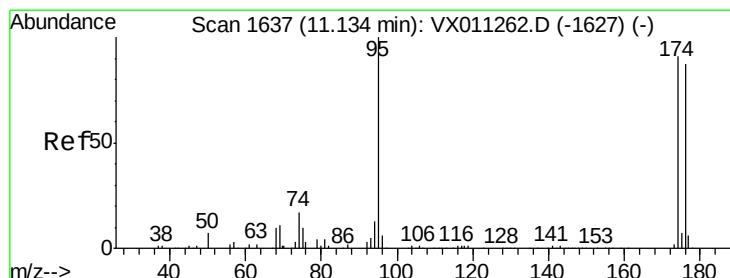
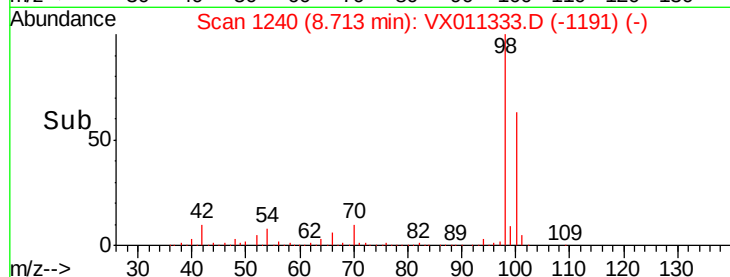
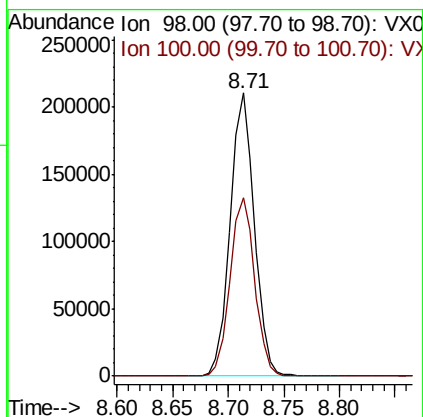
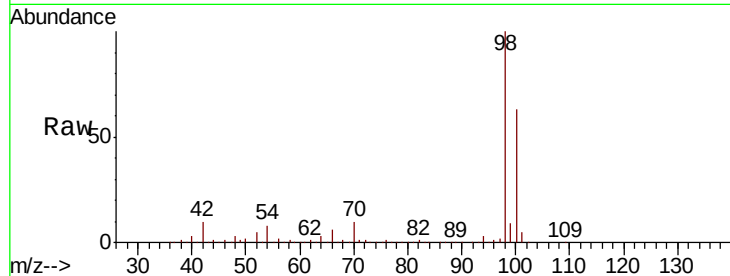




#50
Toluene-d8
Concen: 48.364 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011333.D
Acq: 05 Aug 2019 18:00

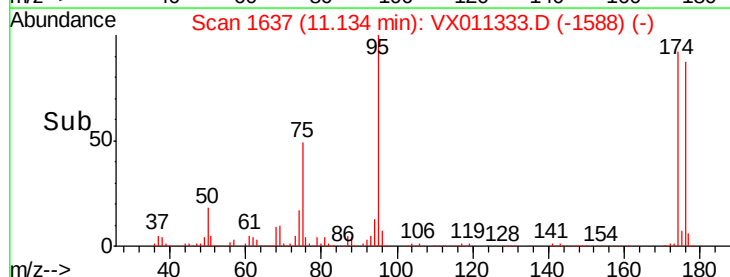
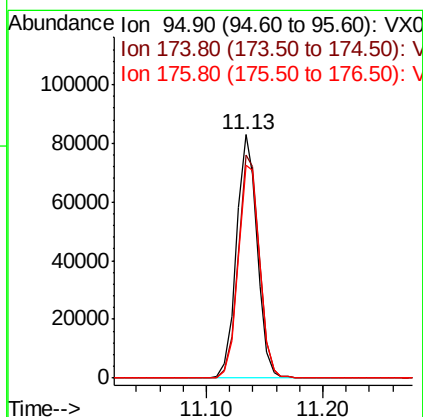
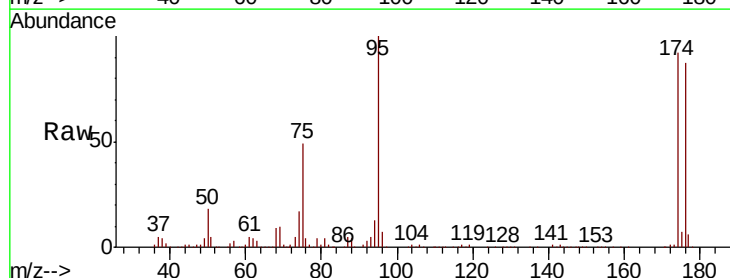
Instrument :
MSVOA_X
ClientSampleId :
1S-L-(0-1)

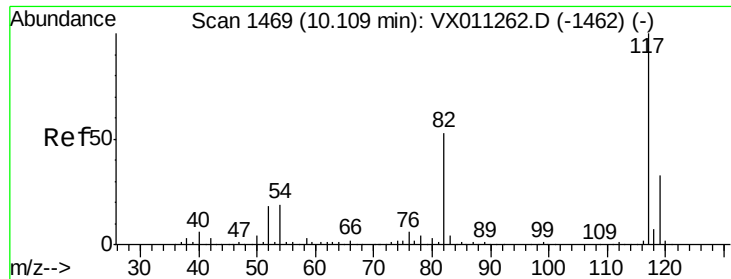
Tot Ion: 98 Resp: 315760
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.150 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011333.D
Acq: 05 Aug 2019 18:00

Tgt Ion: 95 Resp: 102912
Ion Ratio Lower Upper
95 100
174 93.8 0.0 191.2
176 90.7 0.0 184.8

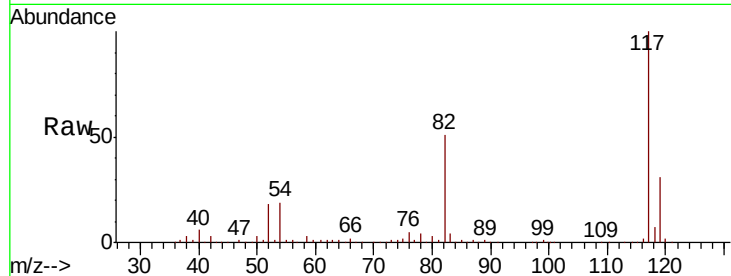




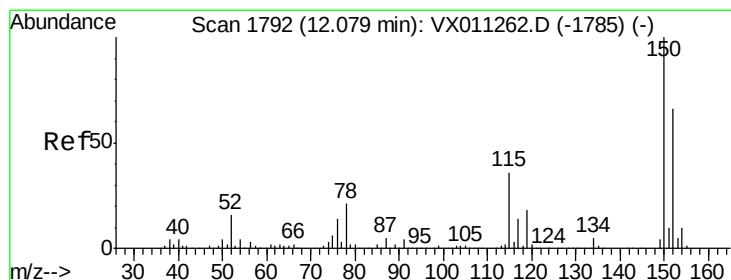
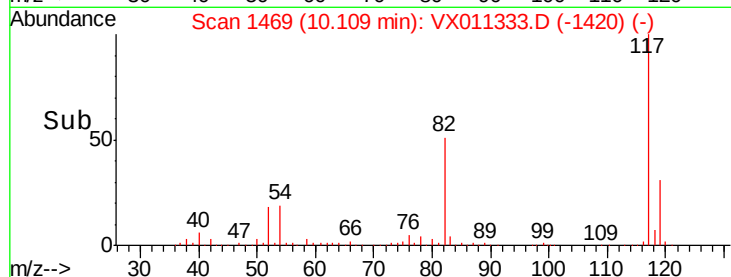
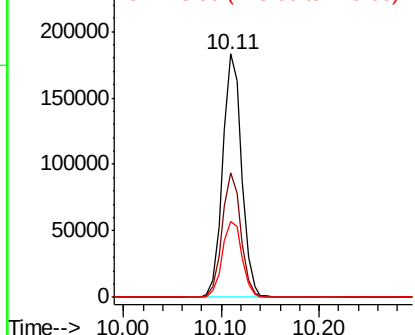
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011333.D
Acq: 05 Aug 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
1S-L-(0-1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.2	63.2
119	31.4	26.6	39.8

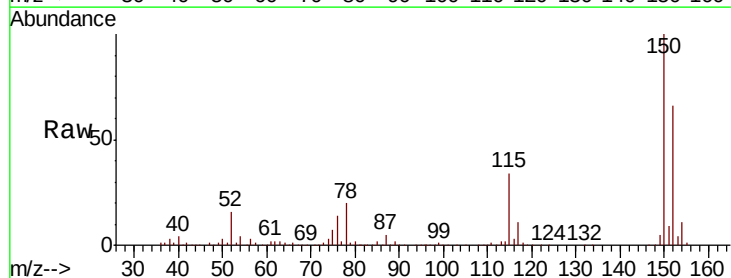


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011333.D
Acq: 05 Aug 2019 18:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.0	119.9
150	155.2	0.0	350.4



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

