

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011329.D
 Acq On : 05 Aug 2019 16:27
 Operator : JC/SP
 Sample : K4130-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-F1-(0-1)

Quant Time: Aug 06 03:43:19 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

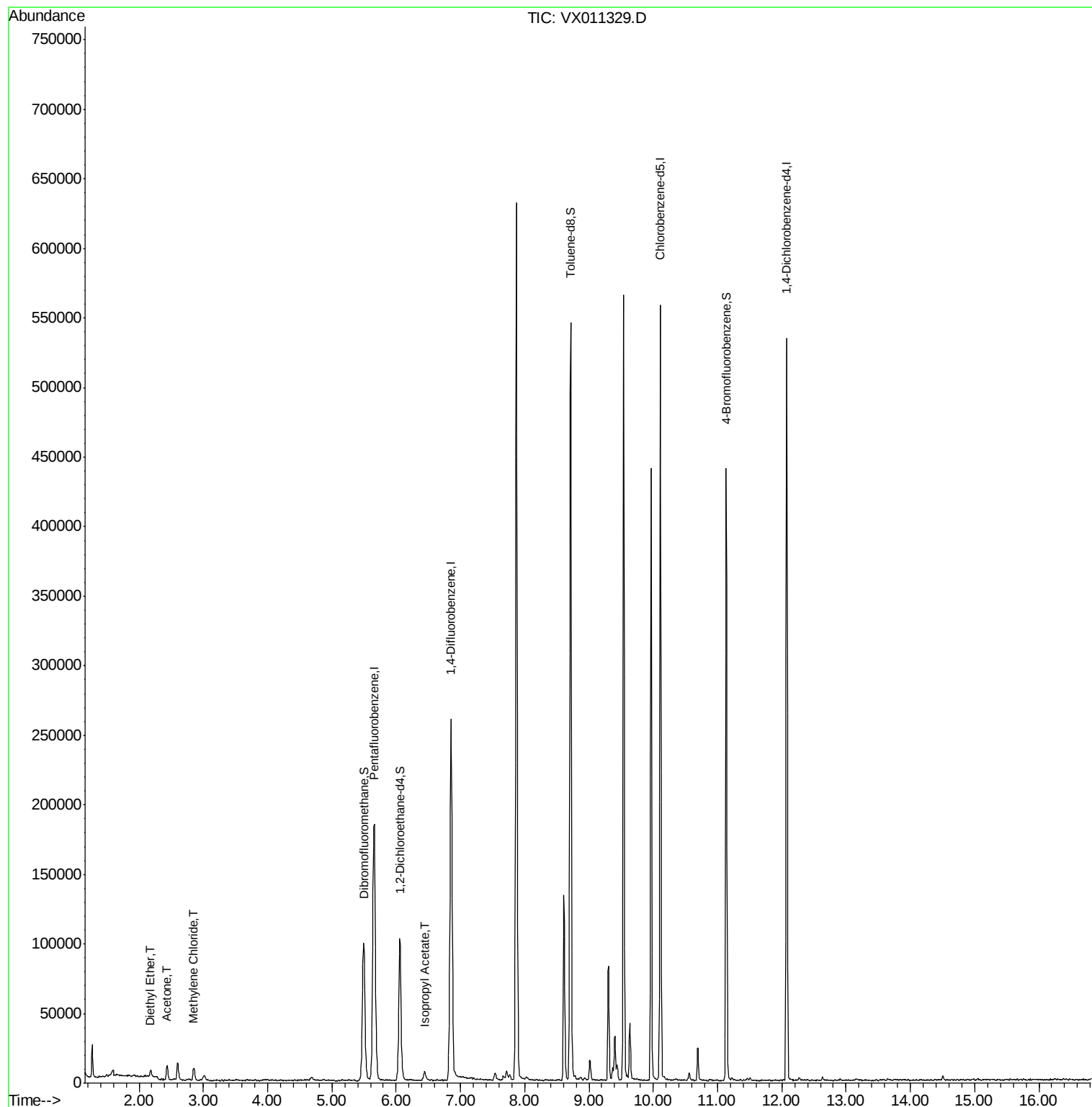
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	92427	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
35) Dibromofluoromethane	5.49	113	81824	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
50) Toluene-d8	8.71	98	327966	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.13	95	105380	43.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.34%	
Target Compounds						
8) Diethyl Ether	2.18	74	1794	1.574	ug/l	99
16) Acetone	2.43	43	11888	13.180	ug/l	100
20) Methylene Chloride	2.85	84	4323	2.188	ug/l	93
43) Isopropyl Acetate	6.45	43	8172	2.128	ug/l	95

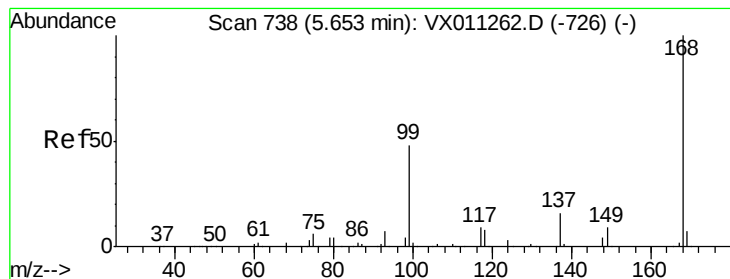
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011329.D

Acq: 05 Aug 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

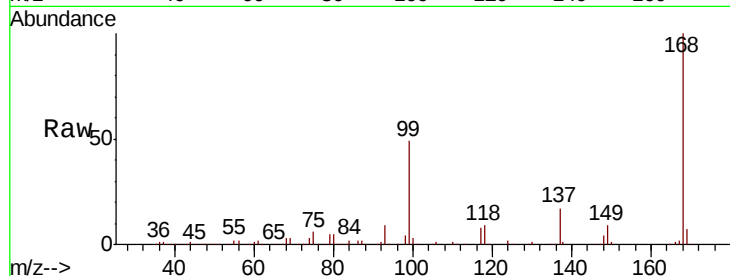
1S-F1-(0-1)

Tot Ion:168 Resp: 188171

Ion Ratio Lower Upper

168 100

99 48.7 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

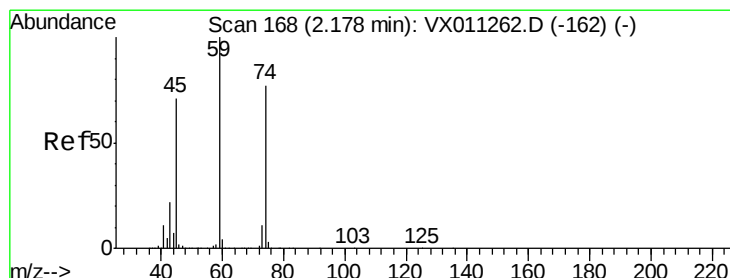
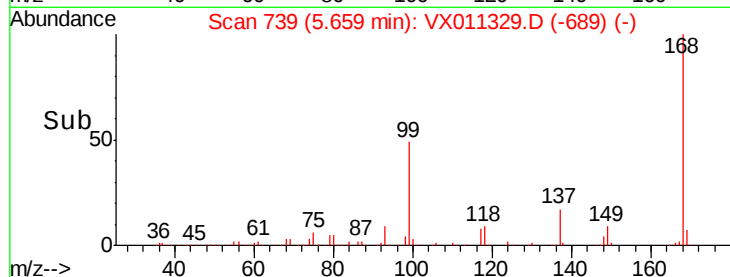
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.574 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX011329.D

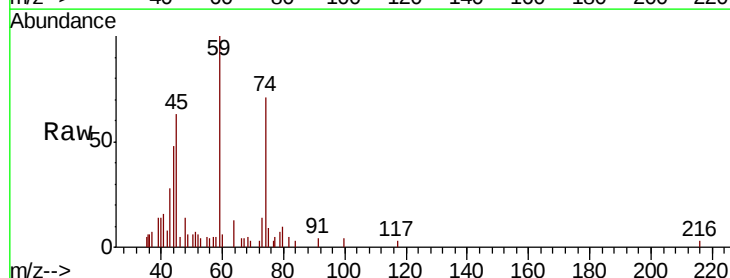
Acq: 05 Aug 2019 16:27

Tgt Ion: 74 Resp: 1794

Ion Ratio Lower Upper

74 100

45 92.7 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

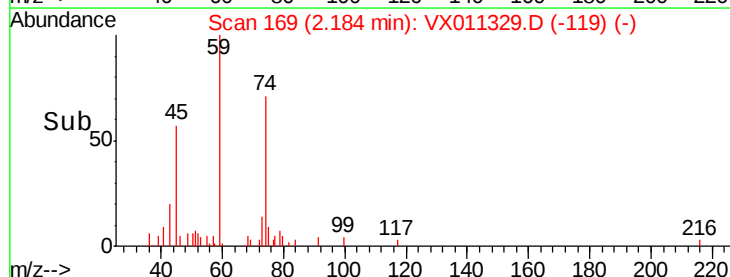
1500

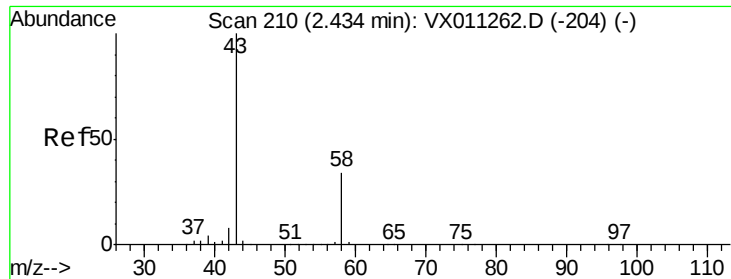
1000

500

0

Time--> 2.15 2.20





#16

Acetone

Concen: 13.180 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

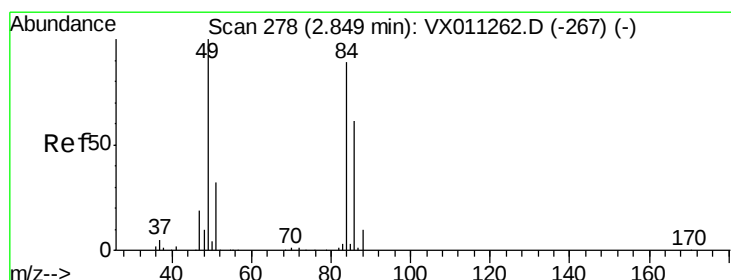
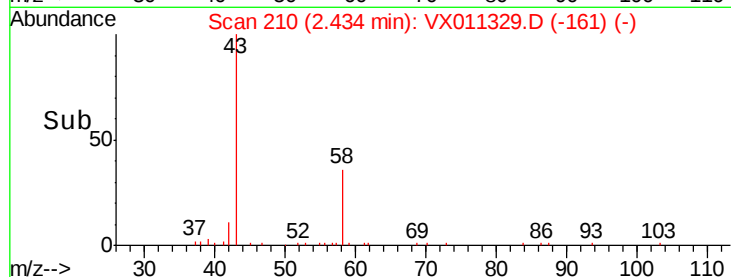
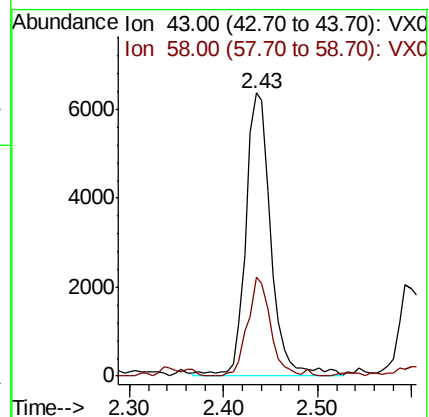
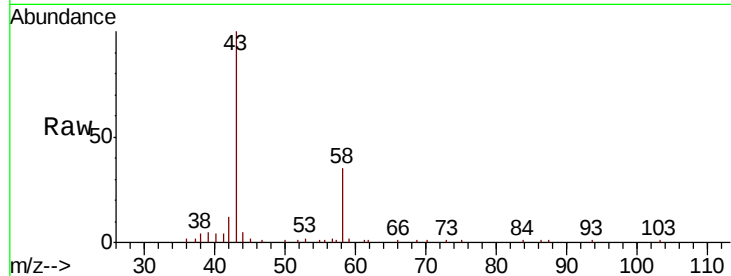
1S-F1-(0-1)

Tot Ion: 43 Resp: 11888

Ion Ratio Lower Upper

43 100

58 33.9 27.4 41.0



#20

Methylene Chloride

Concen: 2.188 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011329.D

Acq: 05 Aug 2019 16:27

Tgt Ion: 84 Resp: 4323

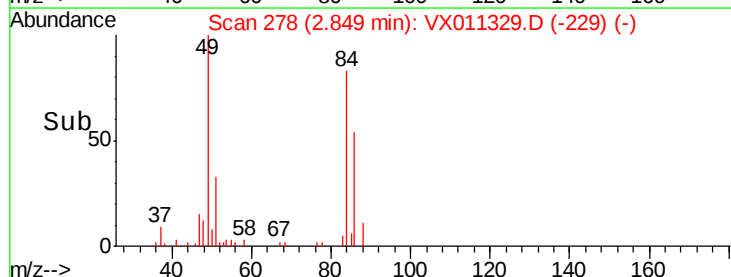
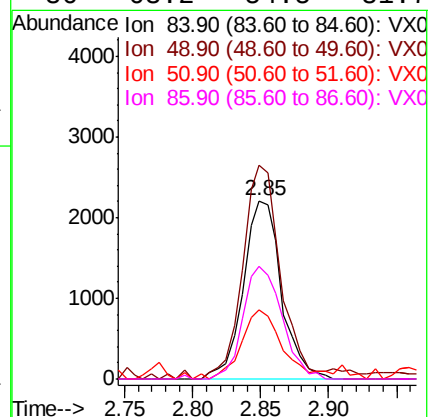
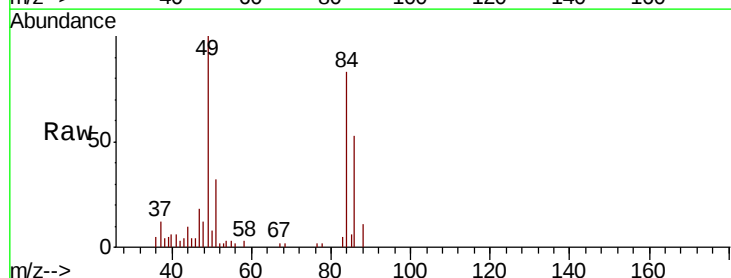
Ion Ratio Lower Upper

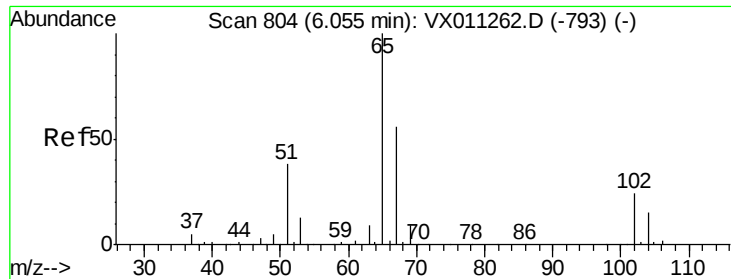
84 100

49 119.9 89.3 133.9

51 38.9 28.3 42.5

86 63.2 54.5 81.7

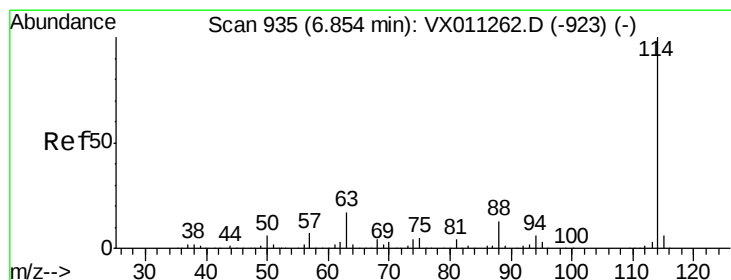
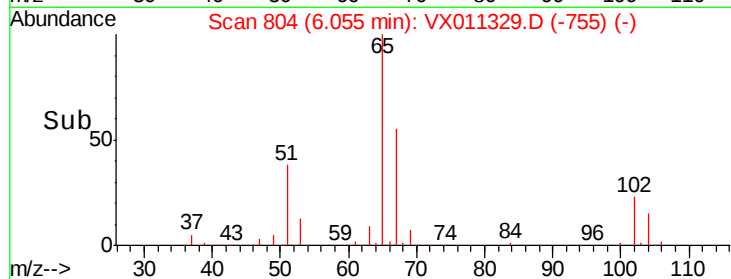
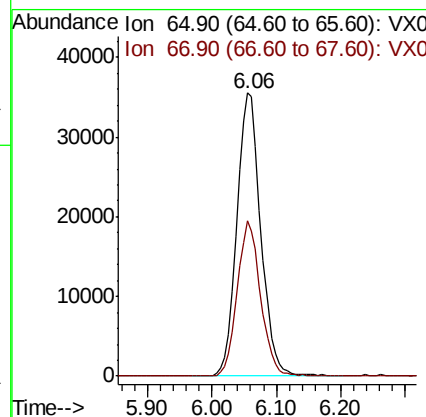
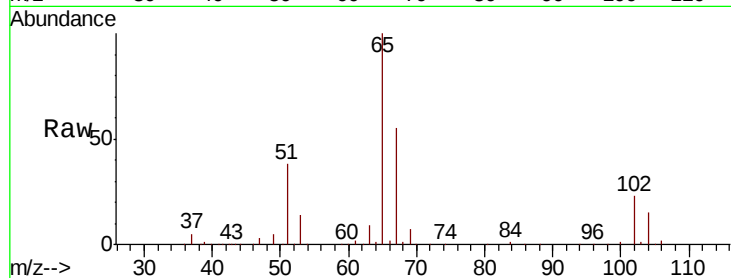




#33
 1,2-Dichloroethane-d4
 Concen: 48.775 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011329.D
 Acq: 05 Aug 2019 16:27

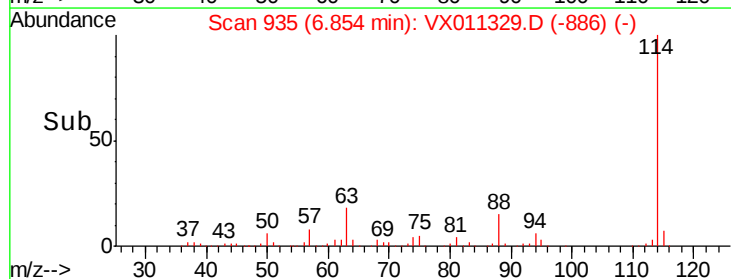
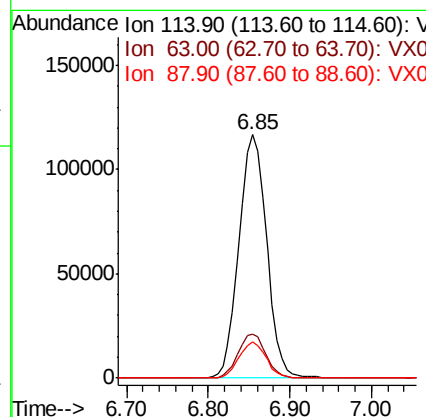
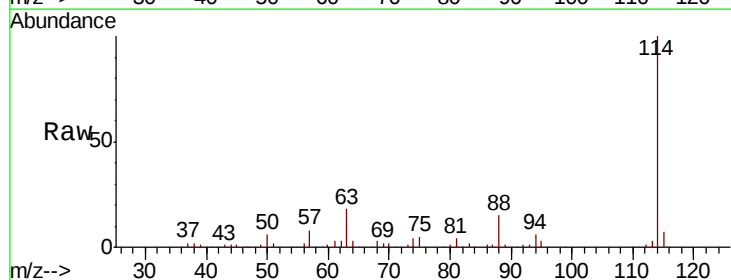
Instrument :
 MSVOA_X
 ClientSampleId :
 1S-F1-(0-1)

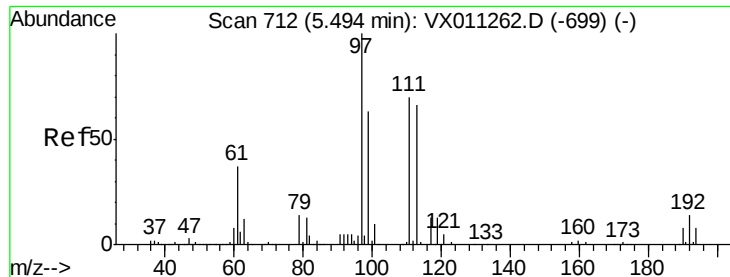
Tot Ion: 65 Resp: 92427
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011329.D
 Acq: 05 Aug 2019 16:27

Tgt Ion: 114 Resp: 274271
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.0
 88 14.7 0.0 26.4

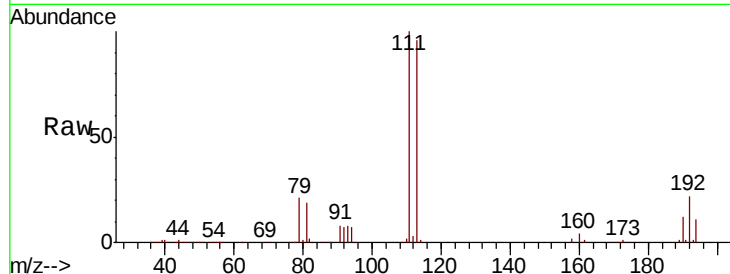




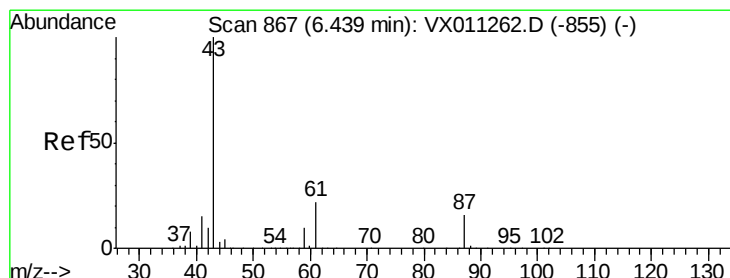
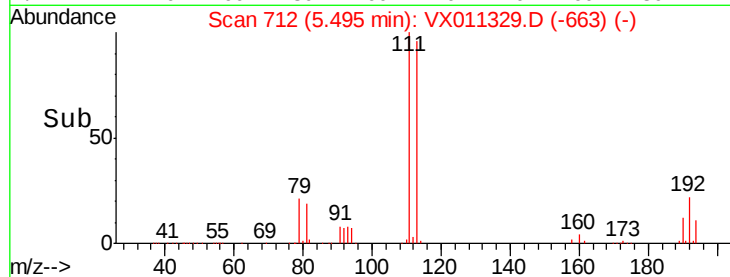
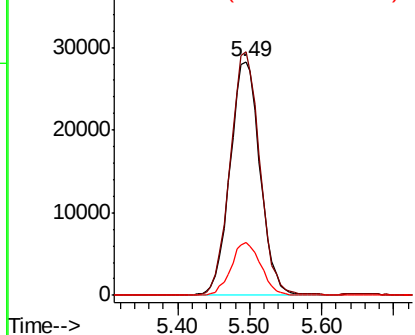
#35
 Dibromofluoromethane
 Concen: 45.695 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011329.D
 Acq: 05 Aug 2019 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-F1-(0-1)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	22.6	17.8	26.8

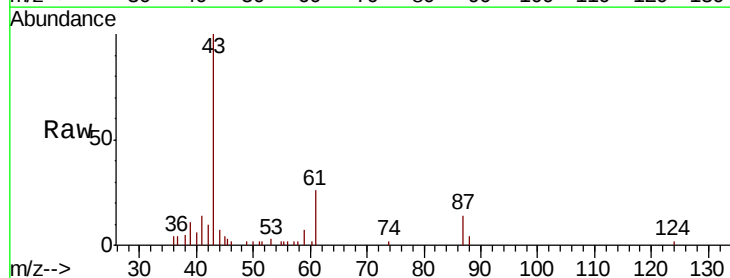


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

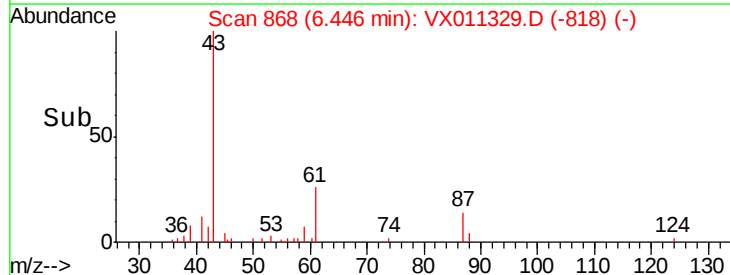
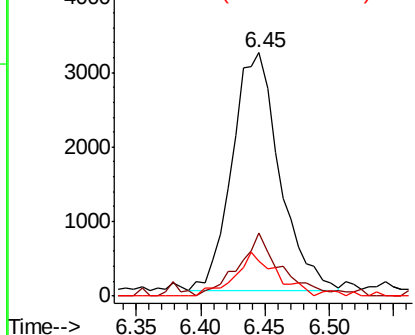


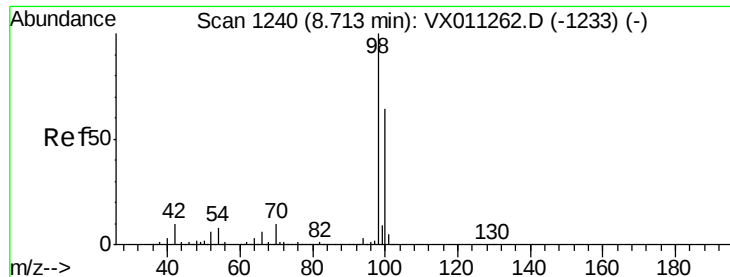
#43
 Isopropyl Acetate
 Concen: 2.128 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: VX011329.D
 Acq: 05 Aug 2019 16:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.8	16.5	24.7
87	16.0	12.1	18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0

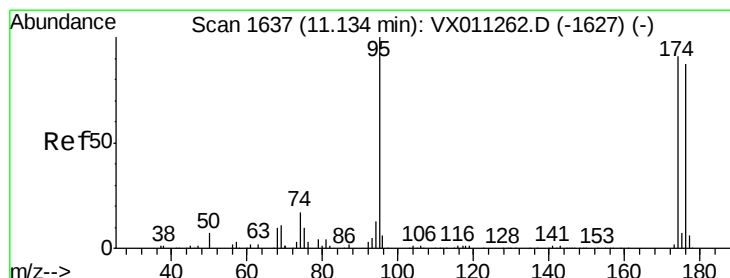
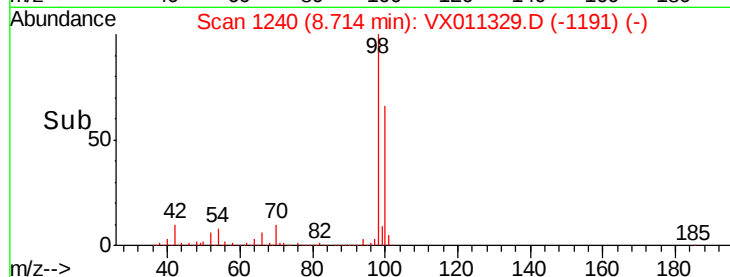
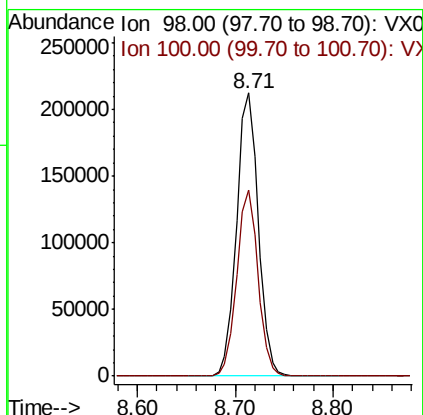
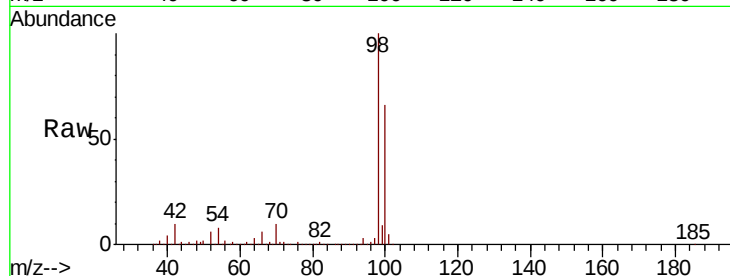




#50
Toluene-d8
Concen: 48.522 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011329.D
Acq: 05 Aug 2019 16:27

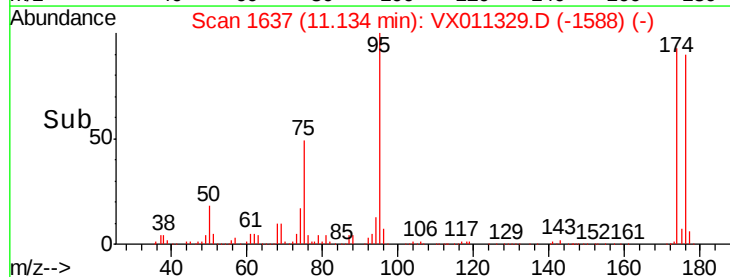
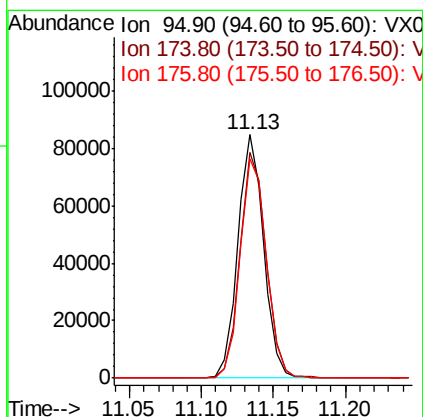
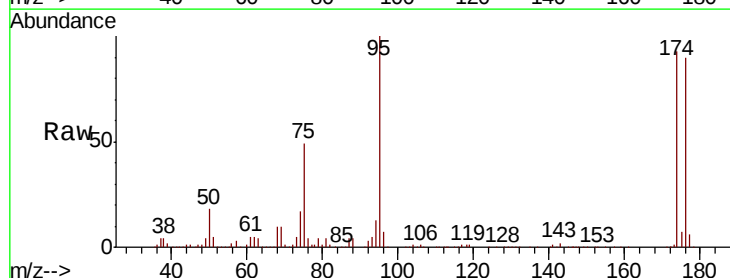
Instrument :
MSVOA_X
ClientSampleId :
1S-F1-(0-1)

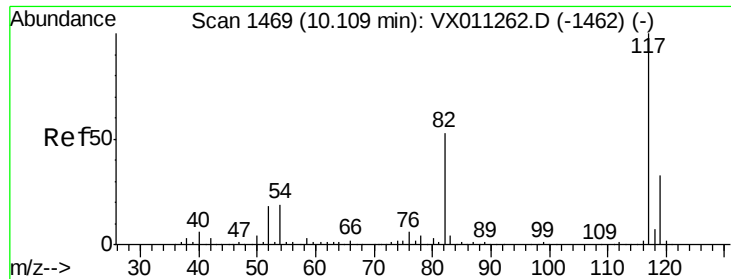
Tot Ion: 98 Resp: 327966
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.668 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011329.D
Acq: 05 Aug 2019 16:27

Tgt Ion: 95 Resp: 105380
Ion Ratio Lower Upper
95 100
174 93.9 0.0 191.2
176 91.9 0.0 184.8

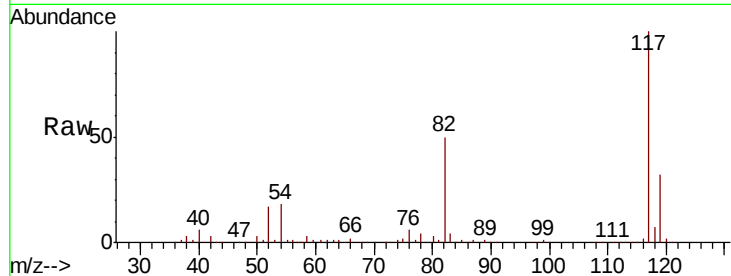




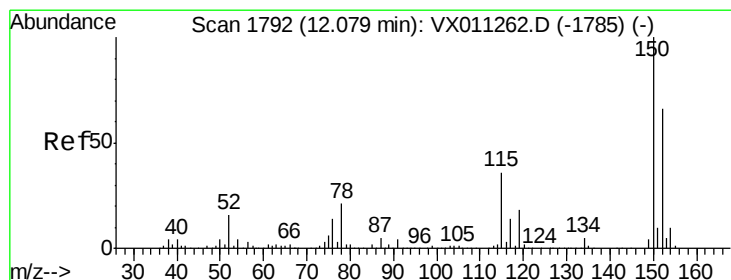
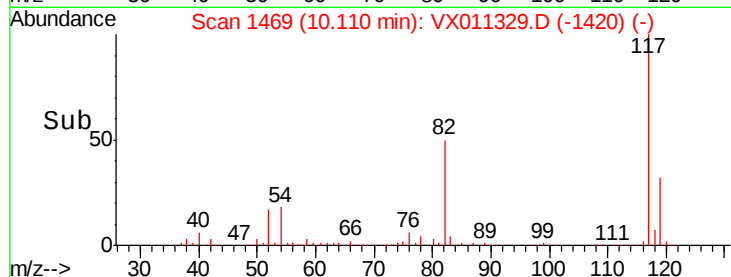
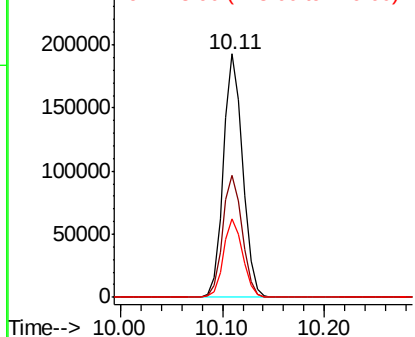
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011329.D
Acq: 05 Aug 2019 16:27

Instrument :
MSVOA_X
ClientSampled :
1S-F1-(0-1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	42.2	63.2
119	32.3	26.6	39.8

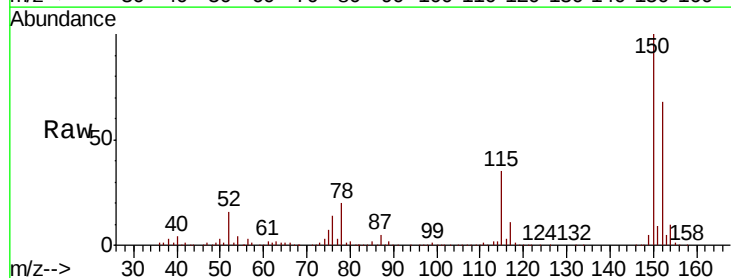


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011329.D
Acq: 05 Aug 2019 16:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.0	119.9
150	154.7	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

