

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011459.D
 Acq On : 12 Aug 2019 03:08
 Operator : JC/SP
 Sample : K4294-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT-5124

Quant Time: Aug 12 09:05:56 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

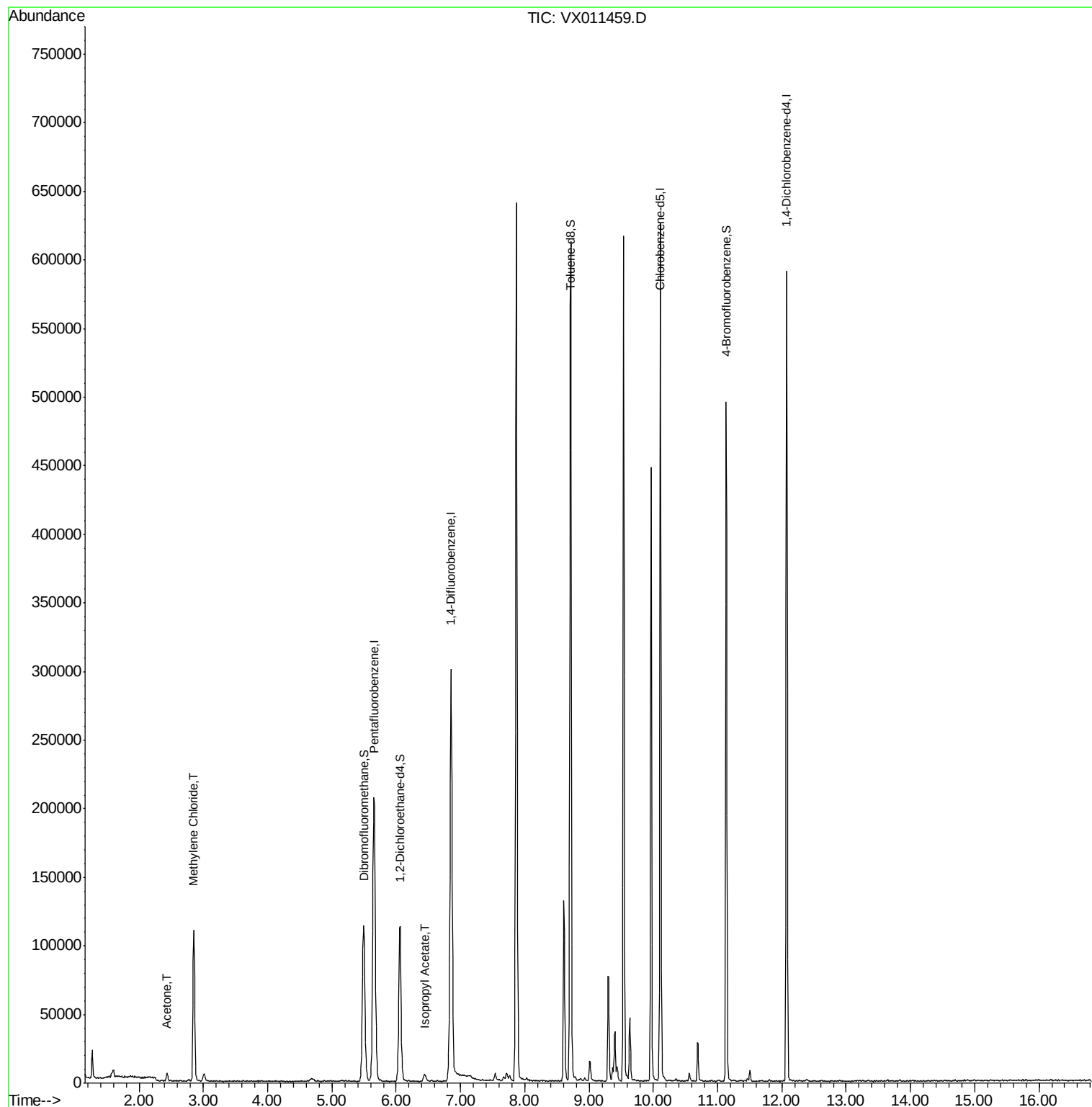
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	205166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109086	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
35) Dibromofluoromethane	5.49	113	94156	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	8.71	98	365569	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	118927	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
Target Compounds						
16) Acetone	2.43	43	5266	5.355	ug/l	90
20) Methylene Chloride	2.85	84	52129	24.204	ug/l	95
43) Isopropyl Acetate	6.45	43	8015	1.891	ug/l	96

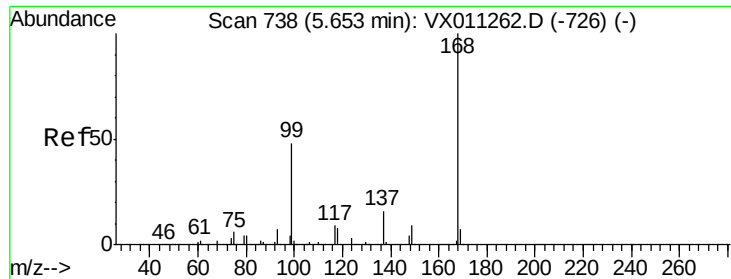
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011459.D

Acq: 12 Aug 2019 03:08

Instrument :

MSVOA_X

ClientSampled :

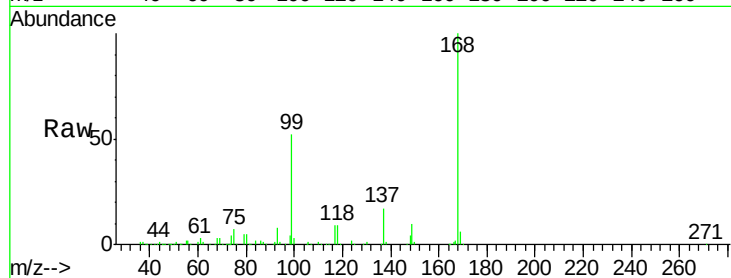
RT-5124

Tot Ion:168 Resp: 205166

Ion Ratio Lower Upper

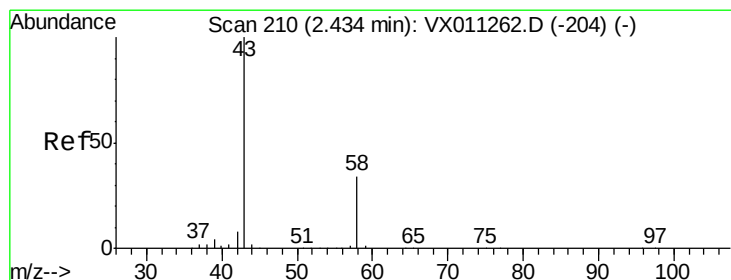
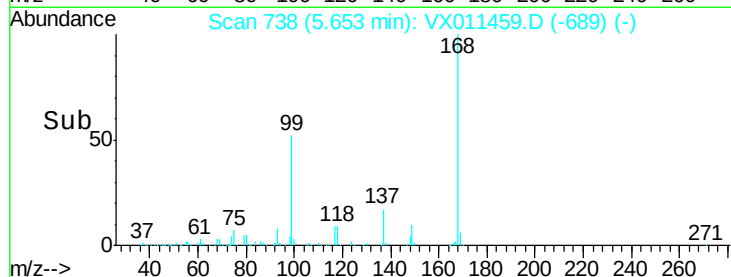
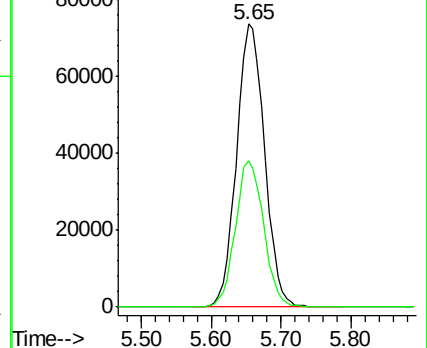
168 100

99 51.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.355 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011459.D

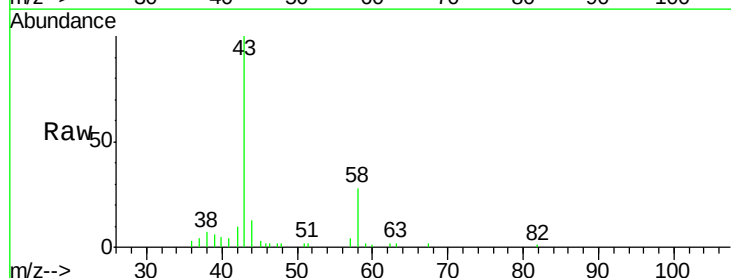
Acq: 12 Aug 2019 03:08

Tgt Ion: 43 Resp: 5266

Ion Ratio Lower Upper

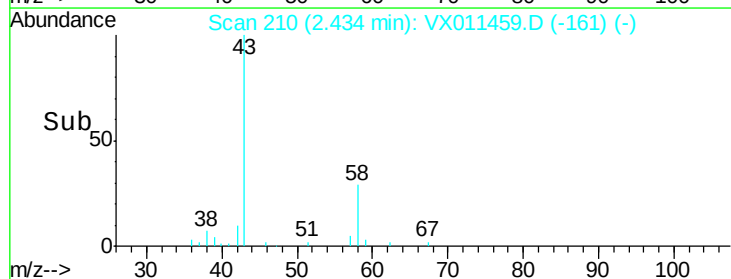
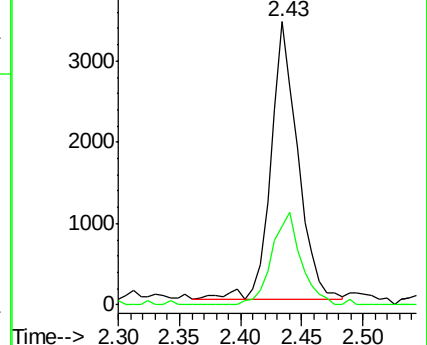
43 100

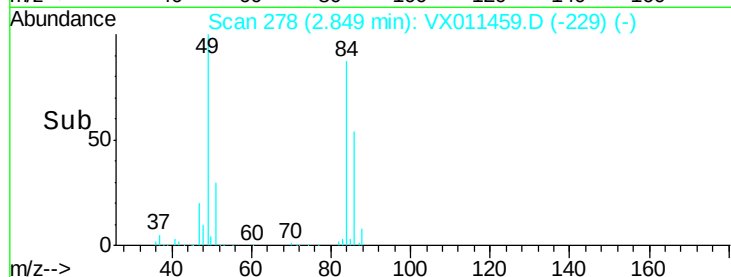
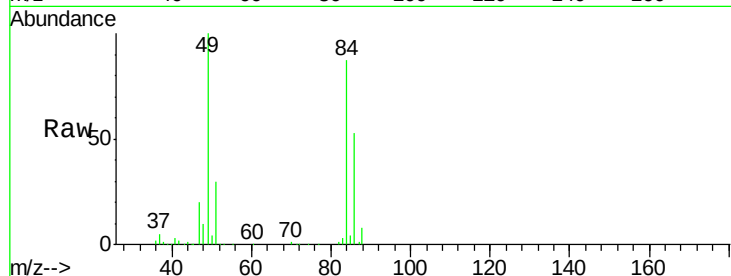
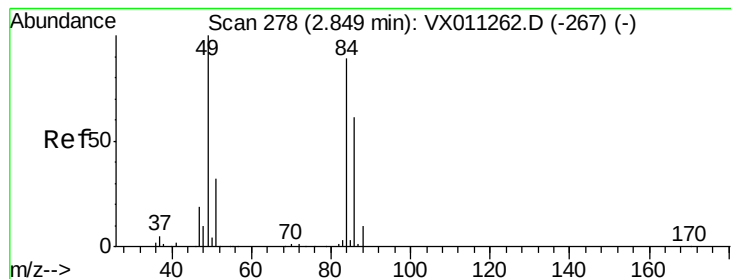
58 28.5 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 24.204 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011459.D

Acq: 12 Aug 2019 03:08

Instrument :

MSVOA_X

ClientSampleId :

RT-5124

Tot Ion: 84 Resp: 52129

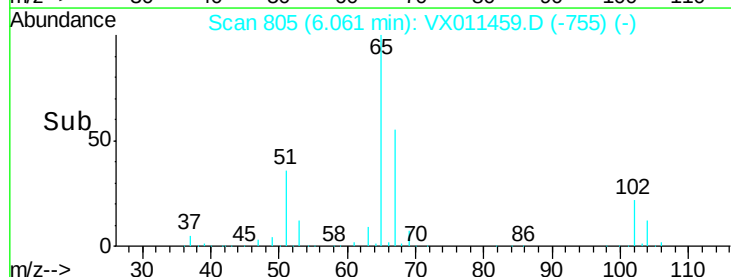
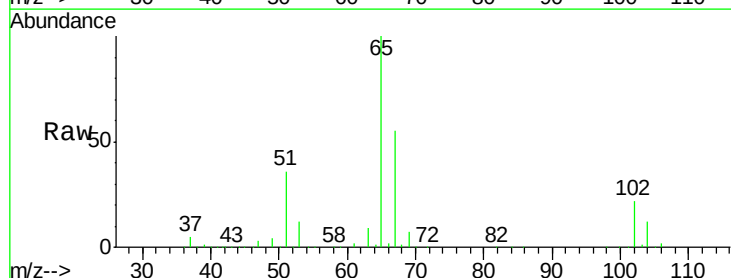
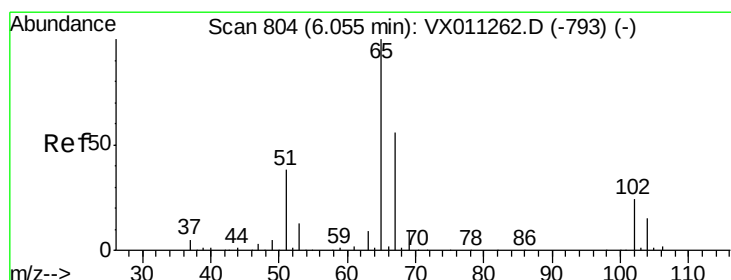
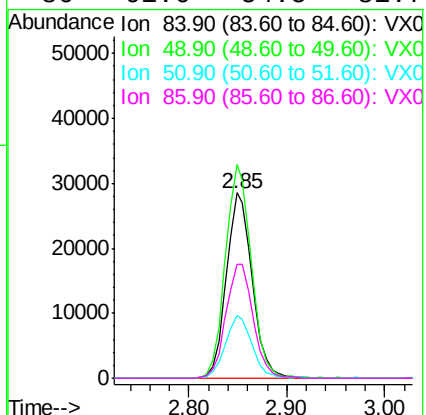
Ion	Ratio	Lower	Upper
84	100		
49	115.2	89.3	133.9
51	34.1	28.3	42.5
86	61.6	54.5	81.7

84 100

49 115.2 89.3 133.9

51 34.1 28.3 42.5

86 61.6 54.5 81.7



#33

1,2-Dichloroethane-d4

Concen: 52.797 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX011459.D

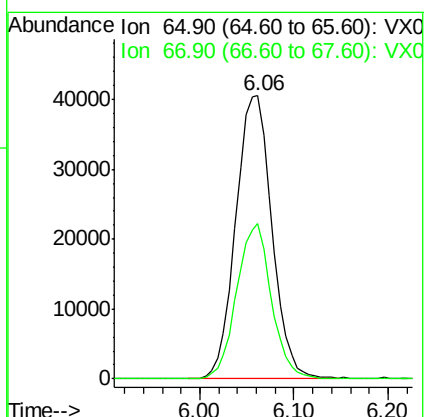
Acq: 12 Aug 2019 03:08

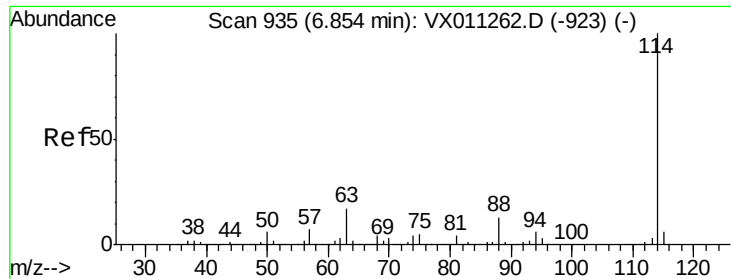
Tgt Ion: 65 Resp: 109086

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	110.6

65 100

67 52.4 0.0 110.6

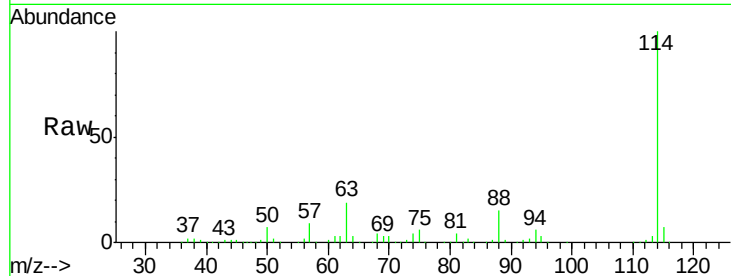




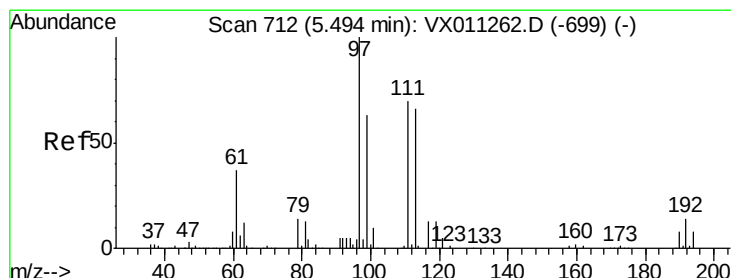
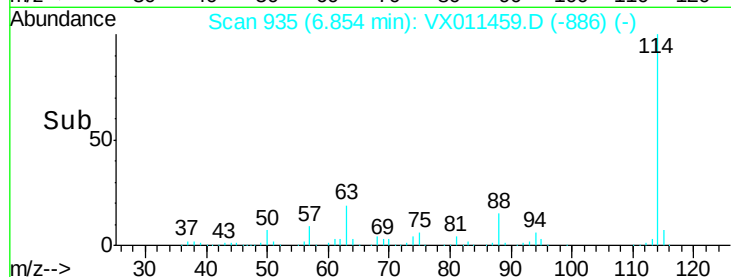
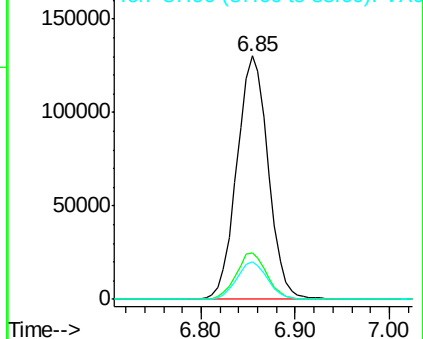
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011459.D
 Acq: 12 Aug 2019 03:08

Instrument :
 MSVOA_X
 ClientSampleId :
 RT-5124

Tot Ion:114 Resp: 302715
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 34.0
 88 15.3 0.0 26.4

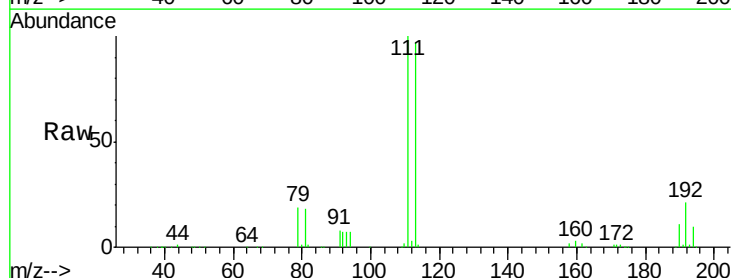


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

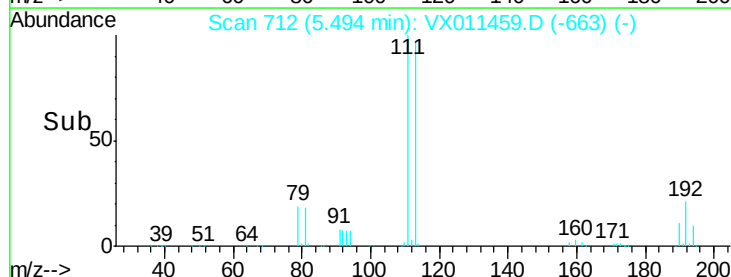
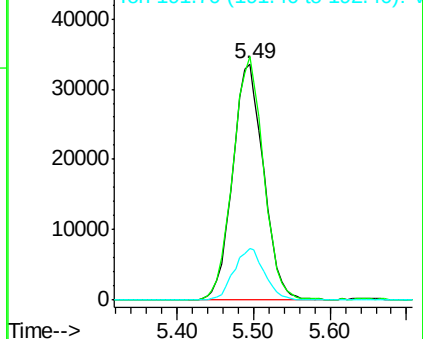


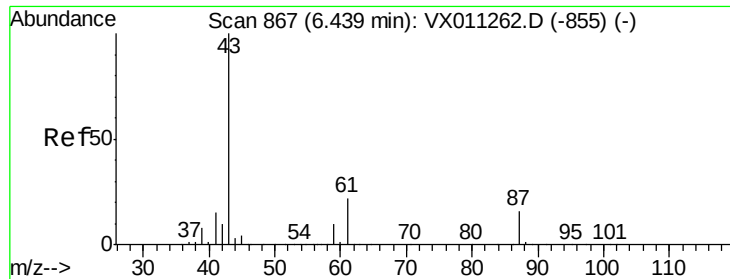
#35
 Dibromofluoromethane
 Concen: 47.641 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011459.D
 Acq: 12 Aug 2019 03:08

Tgt Ion:113 Resp: 94156
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 21.4 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: 1.891 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011459.D

Acq: 12 Aug 2019 03:08

Instrument :

MSVOA_X

ClientSampleId :

RT-5124

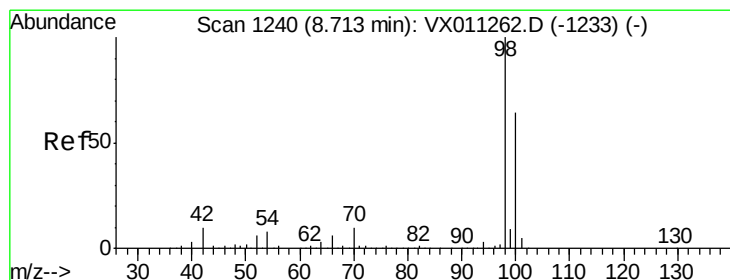
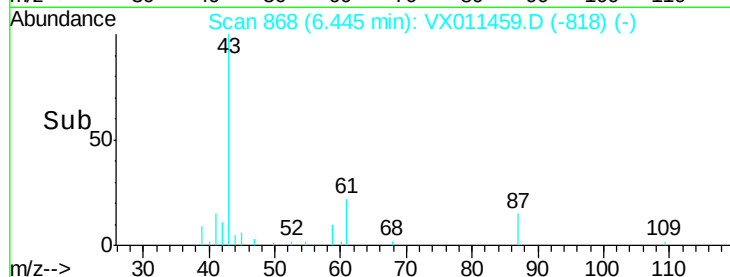
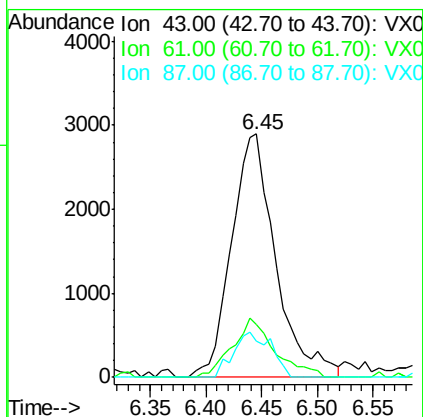
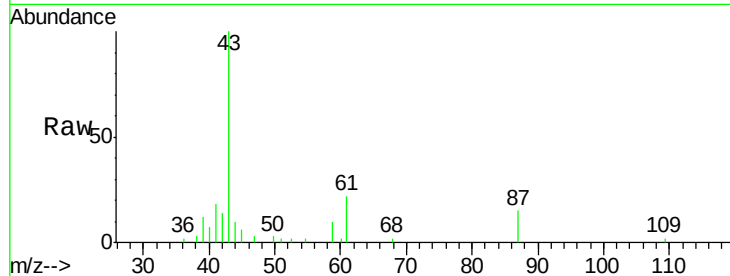
Tot Ion: 43 Resp: 8015

Ion Ratio Lower Upper

43 100

61 23.1 16.5 24.7

87 15.7 12.1 18.1



#50

Toluene-d8

Concen: 49.003 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011459.D

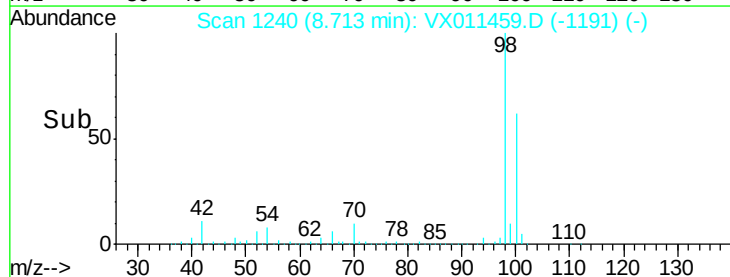
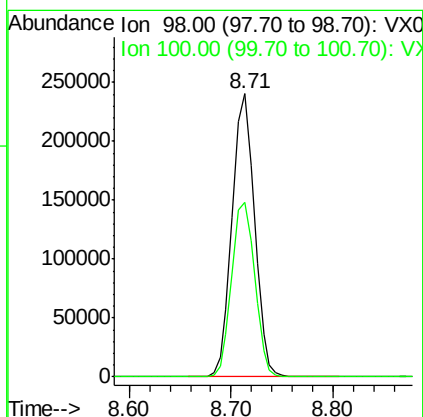
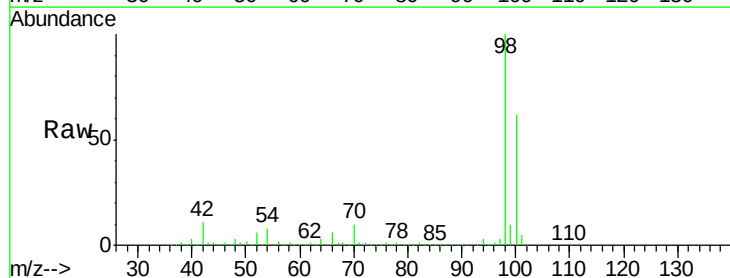
Acq: 12 Aug 2019 03:08

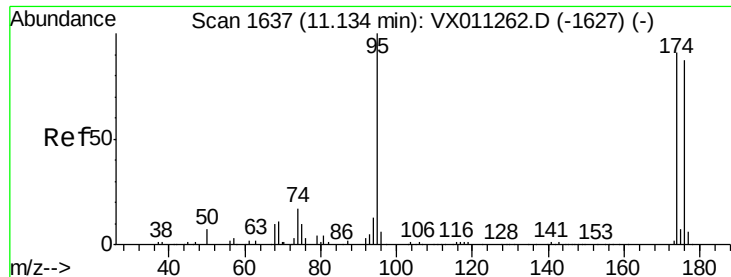
Tgt Ion: 98 Resp: 365569

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5

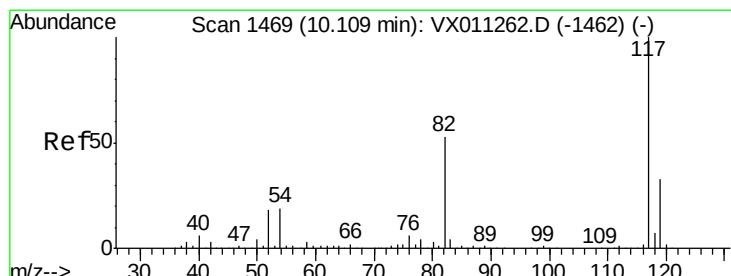
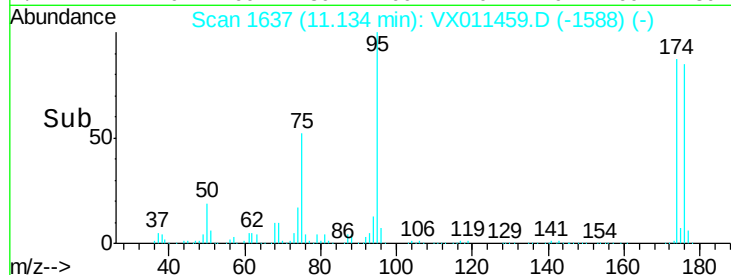
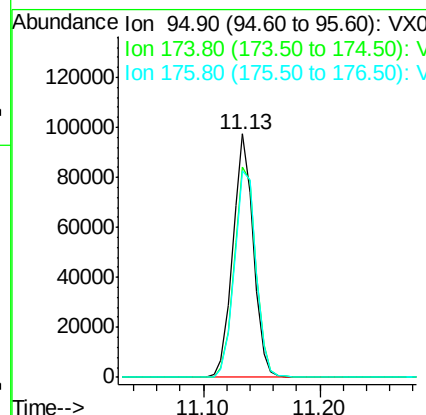
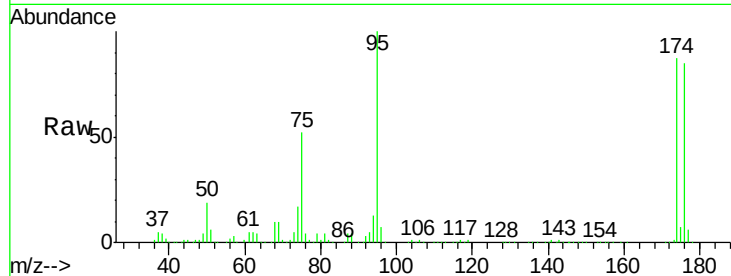




#62
4-Bromofluorobenzene
Concen: 44.651 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011459.D
Acq: 12 Aug 2019 03:08

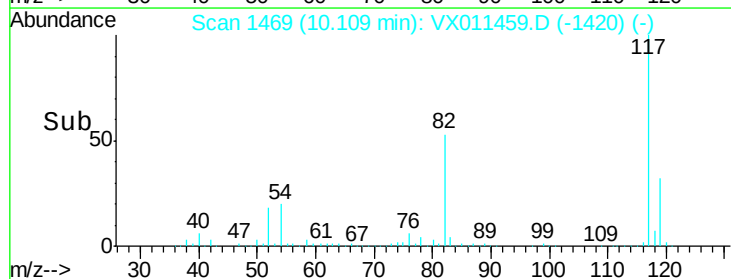
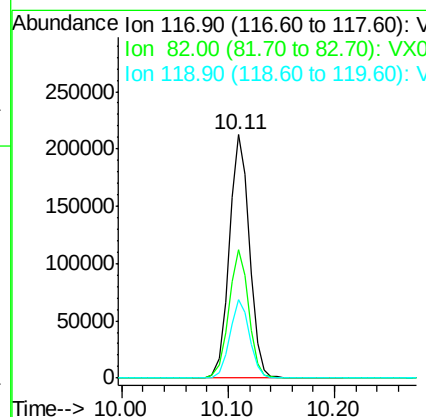
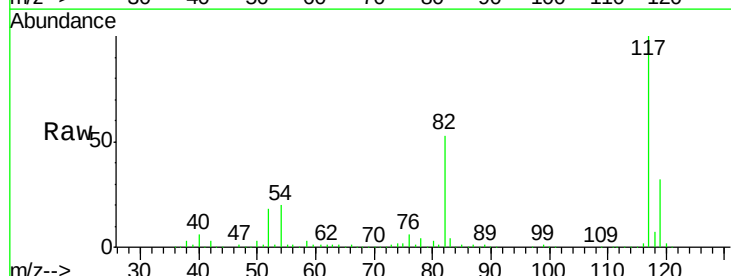
Instrument :
MSVOA_X
ClientSampleId :
RT-5124

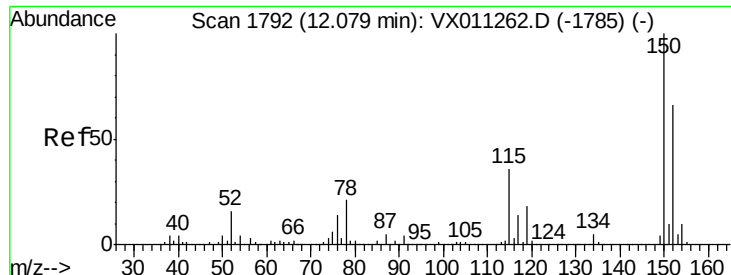
Tot Ion: 95 Resp: 118927
Ion Ratio Lower Upper
95 100
174 91.7 0.0 191.2
176 90.0 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011459.D
Acq: 12 Aug 2019 03:08

Tgt Ion: 117 Resp: 280882
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.2
119 32.2 26.6 39.8

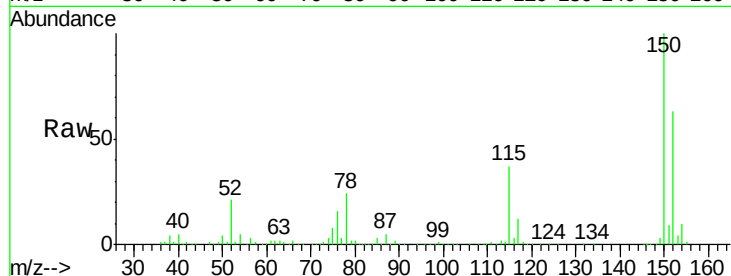




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011459.D
 Acq: 12 Aug 2019 03:08

Instrument :
 MSVOA_X
 ClientSampleId :
 RT-5124

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	40.0	119.9
150	157.0	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

