

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011423.D
 Acq On : 11 Aug 2019 11:59
 Operator : JC/SP
 Sample : K4228-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F3-(0)

Quant Time: Aug 12 08:07:27 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

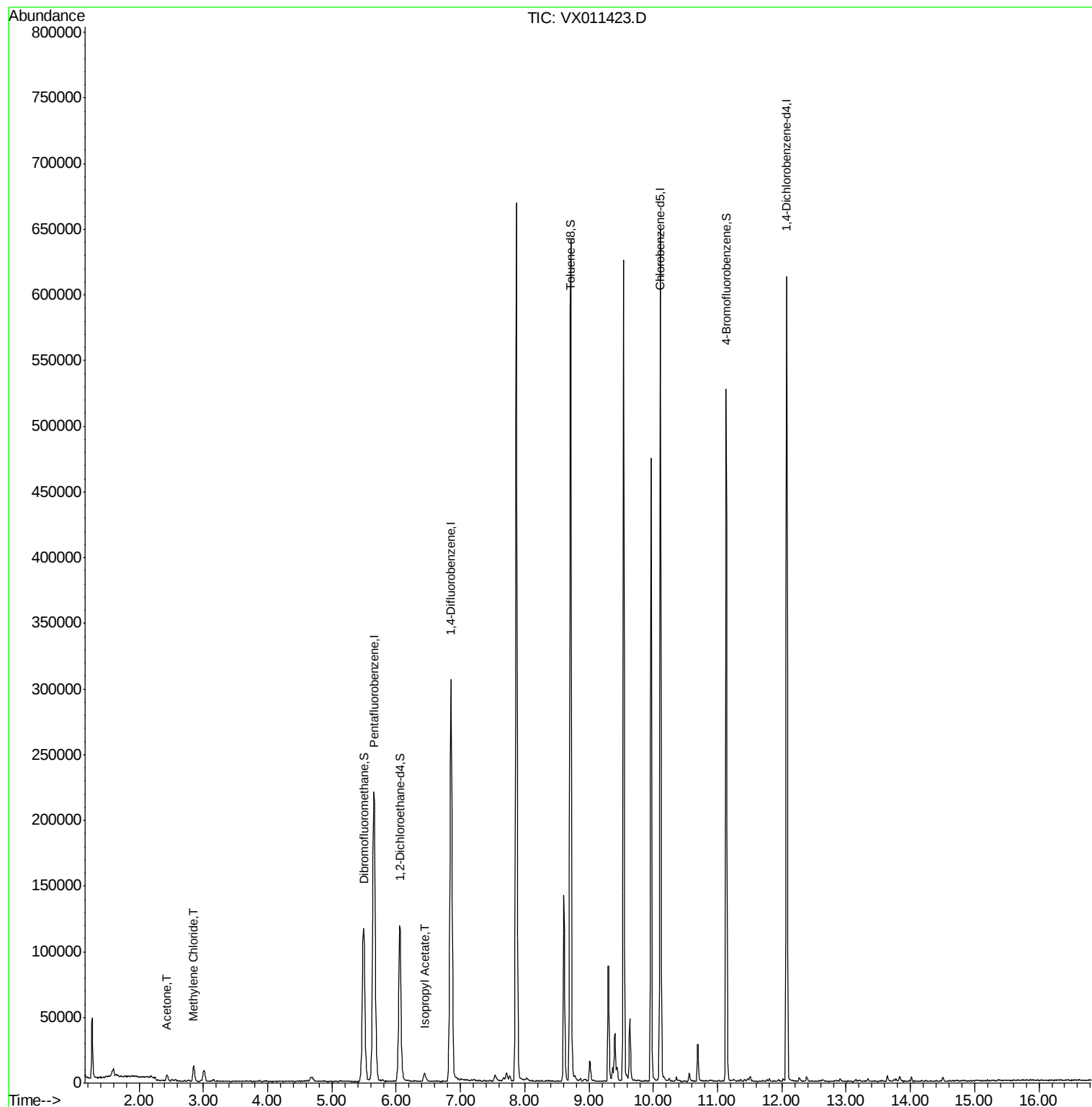
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	221649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	320287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131692	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114041	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
35) Dibromofluoromethane	5.49	113	98847	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
50) Toluene-d8	8.71	98	382448	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.13	95	128562	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
16) Acetone	2.43	43	5461	5.140	ug/l	99
20) Methylene Chloride	2.85	84	5590	2.402	ug/l	95
43) Isopropyl Acetate	6.44	43	8503	1.896	ug/l	99

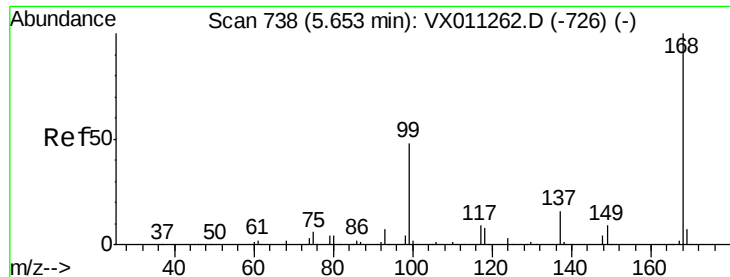
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011423.D

Acq: 11 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

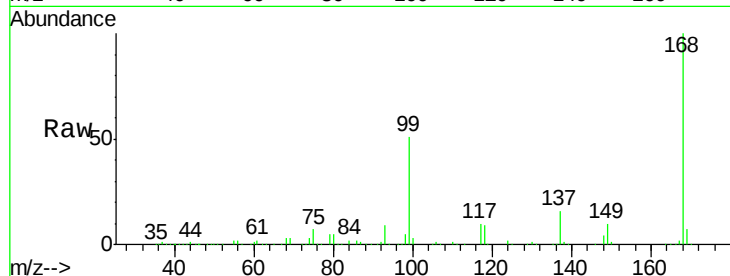
2S-F3-(0)

Tot Ion:168 Resp: 221649

Ion Ratio Lower Upper

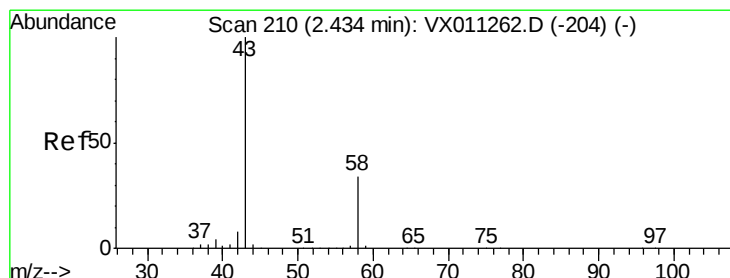
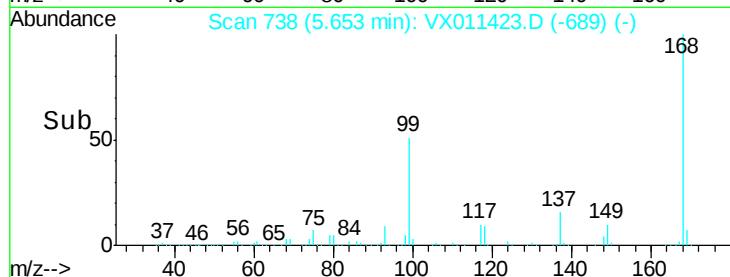
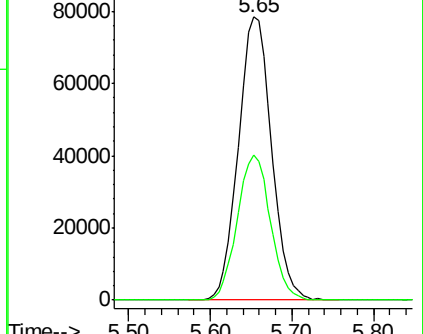
168 100

99 51.2 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: 5.140 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011423.D

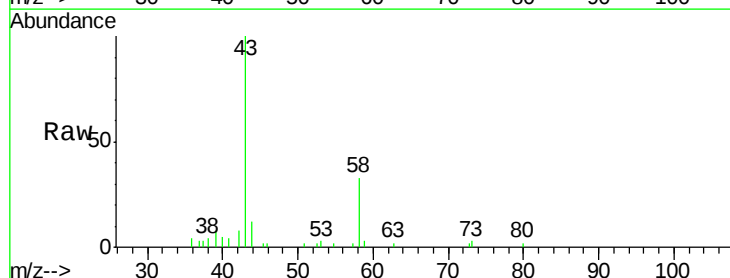
Acq: 11 Aug 2019 11:59

Tgt Ion: 43 Resp: 5461

Ion Ratio Lower Upper

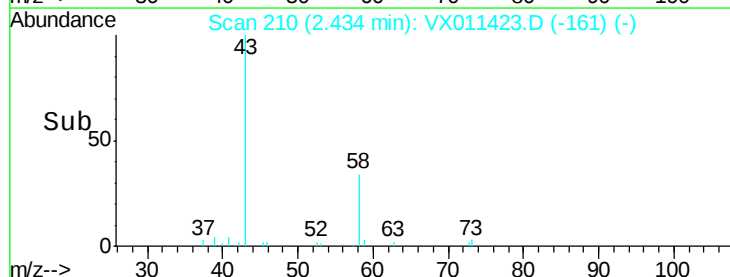
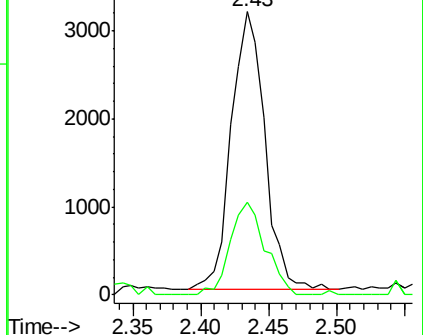
43 100

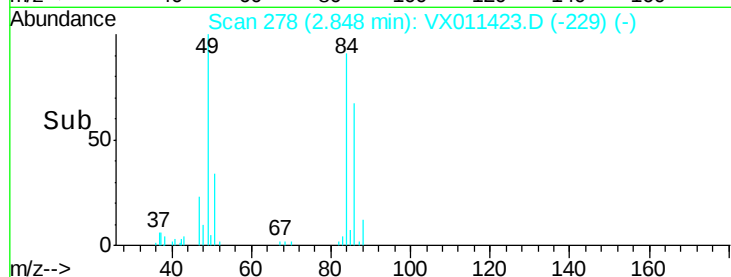
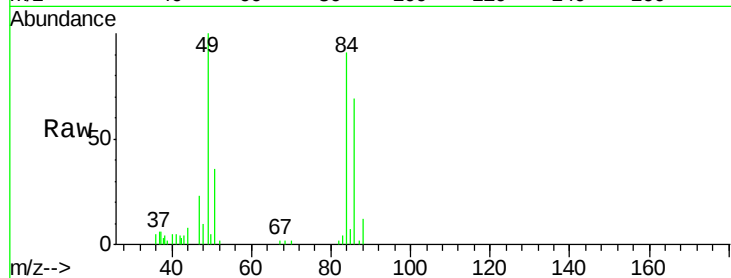
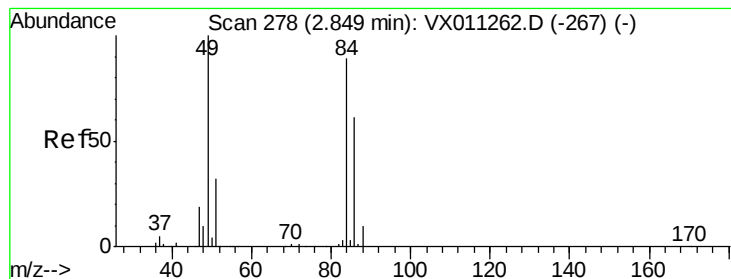
58 33.3 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 2.402 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011423.D

Acq: 11 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

2S-F3-(0)

Tot Ion: 84 Resp: 5590

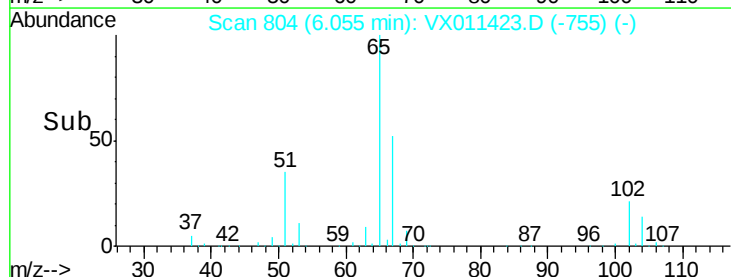
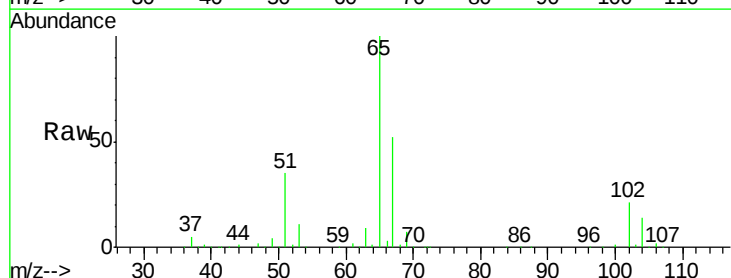
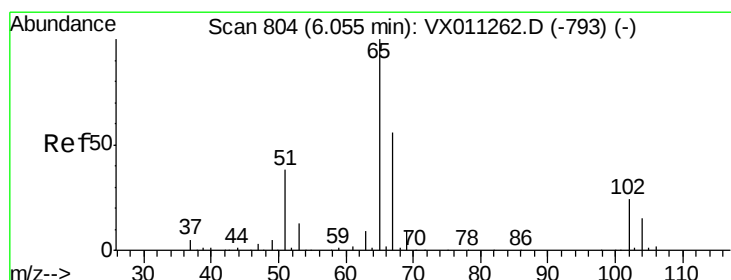
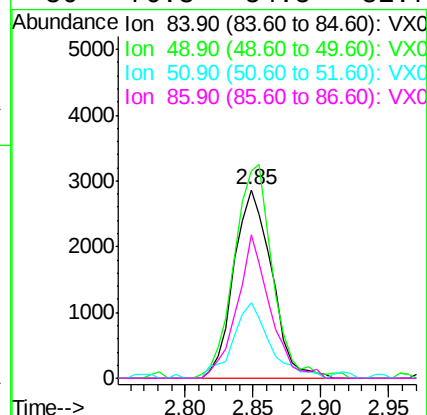
Ion Ratio Lower Upper

84 100

49 110.3 89.3 133.9

51 40.1 28.3 42.5

86 76.3 54.5 81.7



#33

1,2-Dichloroethane-d4

Concen: 51.091 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011423.D

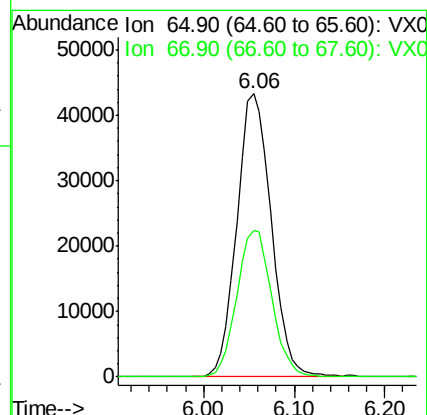
Acq: 11 Aug 2019 11:59

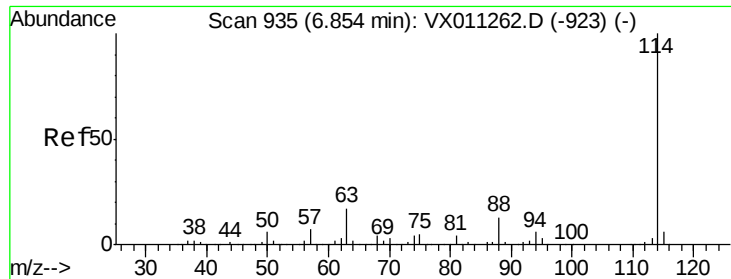
Tgt Ion: 65 Resp: 114041

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.6

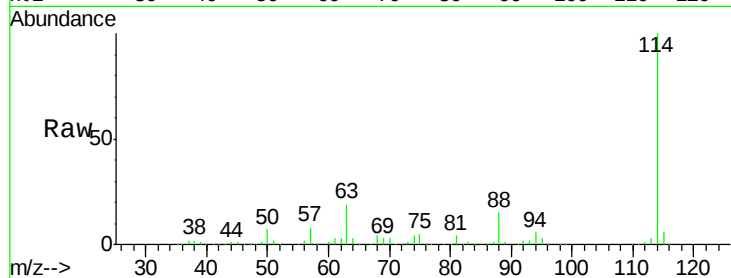




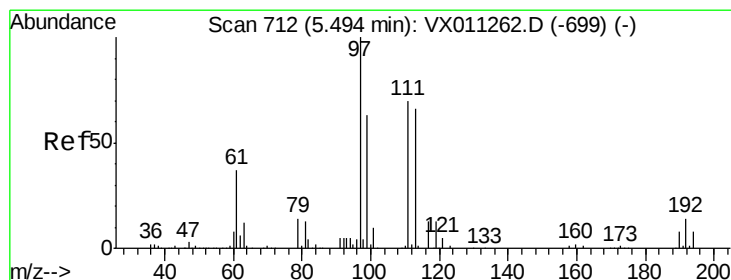
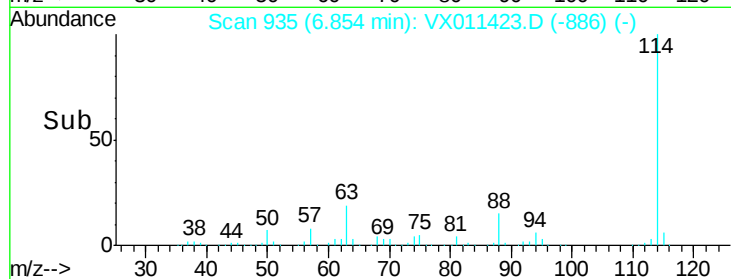
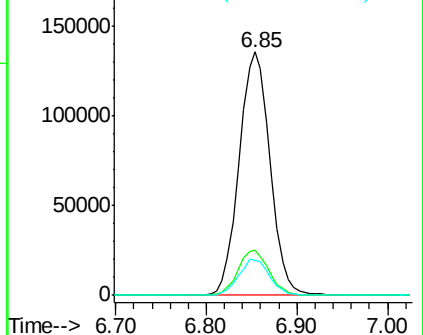
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011423.D
 Acq: 11 Aug 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F3-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.0
88	14.6	0.0	26.4

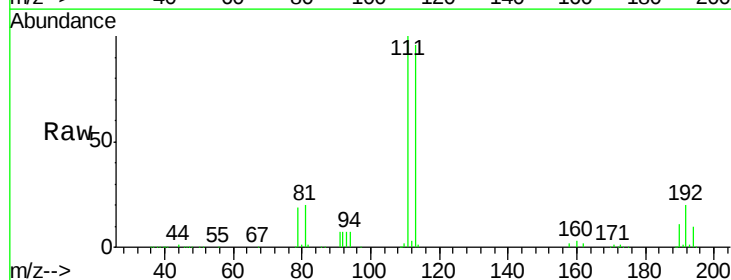


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

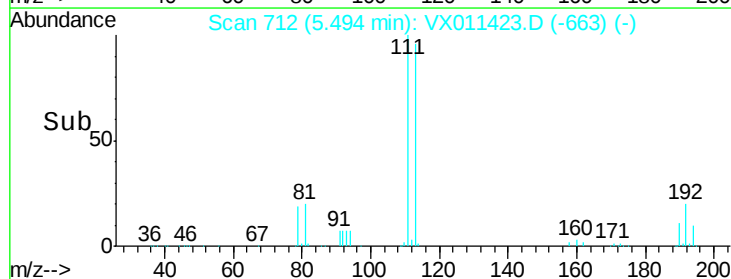
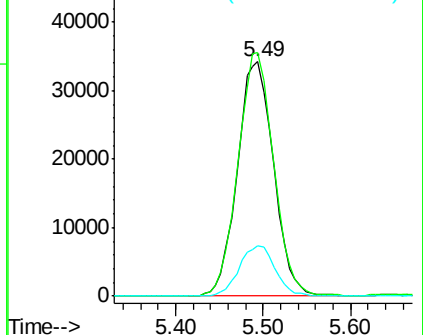


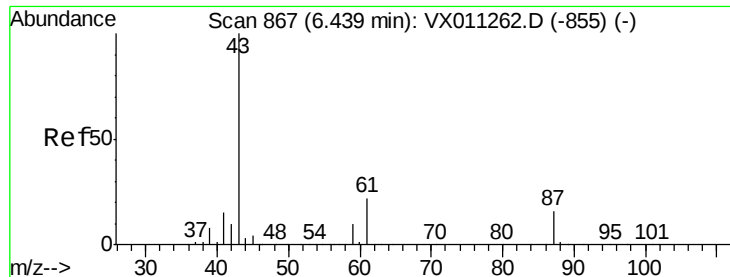
#35
 Dibromofluoromethane
 Concen: 47.271 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011423.D
 Acq: 11 Aug 2019 11:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	21.2	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: 1.896 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011423.D

Acq: 11 Aug 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

2S-F3-(0)

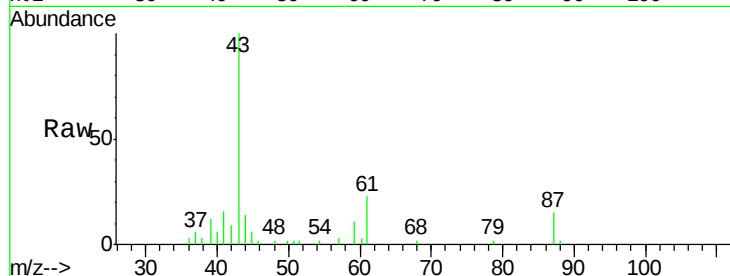
Tot Ion: 43 Resp: 8503

Ion Ratio Lower Upper

43 100

61 20.7 16.5 24.7

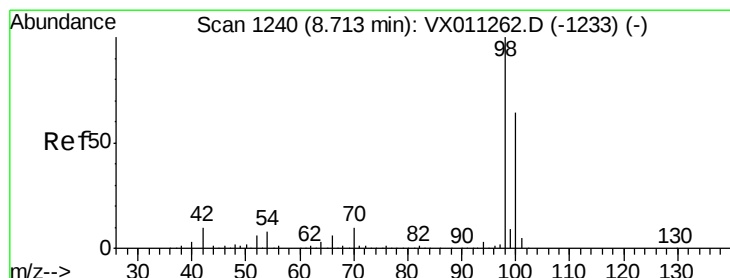
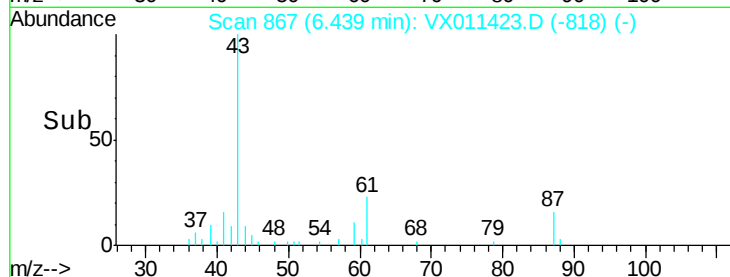
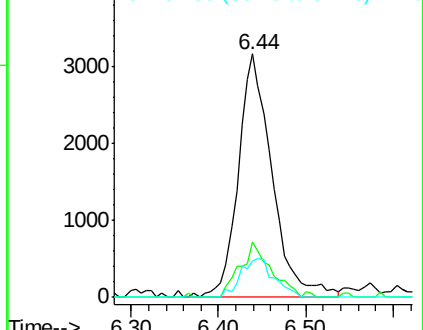
87 15.7 12.1 18.1



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: 48.453 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011423.D

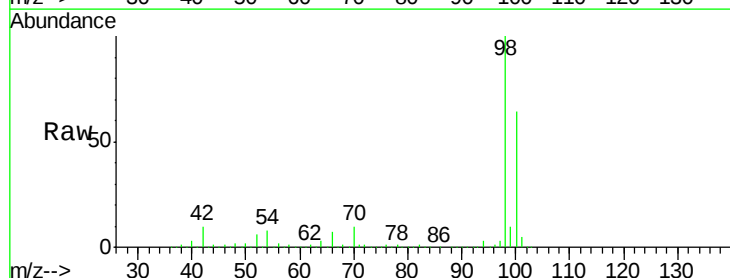
Acq: 11 Aug 2019 11:59

Tgt Ion: 98 Resp: 382448

Ion Ratio Lower Upper

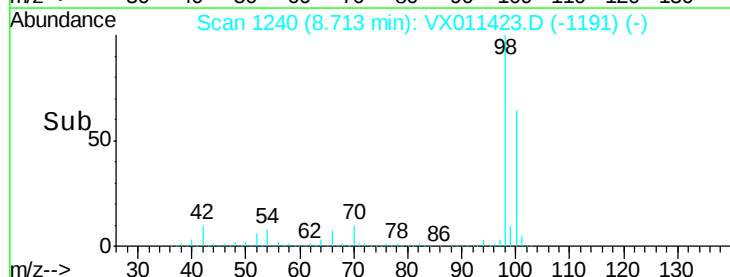
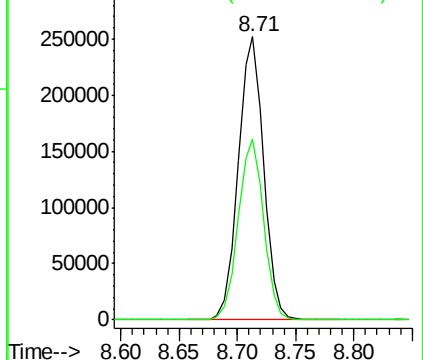
98 100

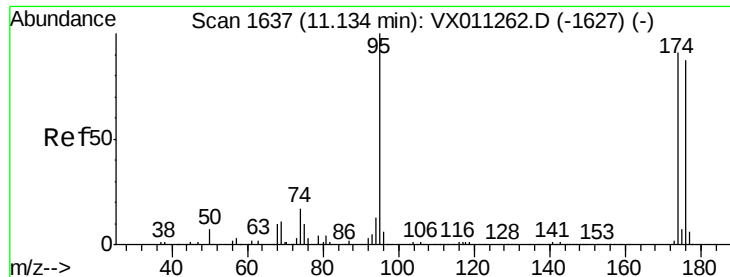
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

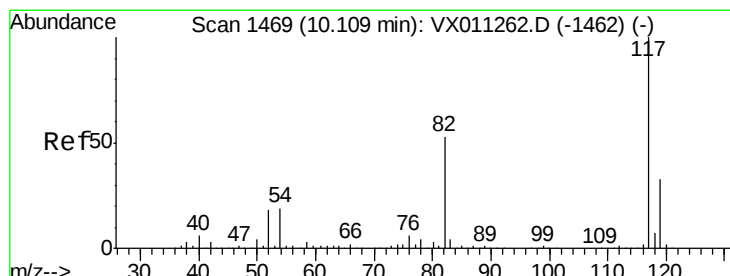
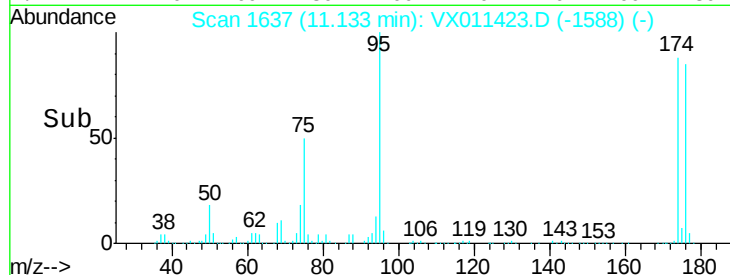
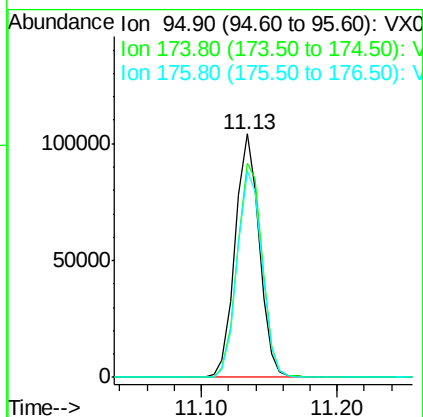
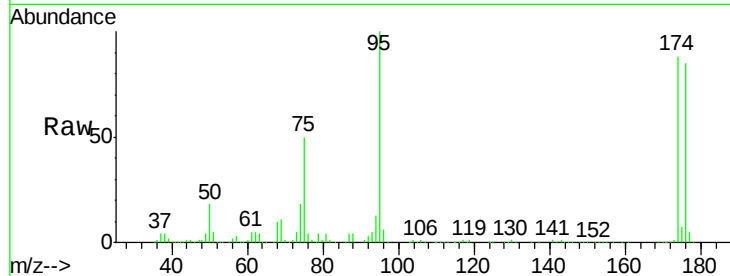




#62
4-Bromofluorobenzene
Concen: 45.620 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011423.D
Acq: 11 Aug 2019 11:59

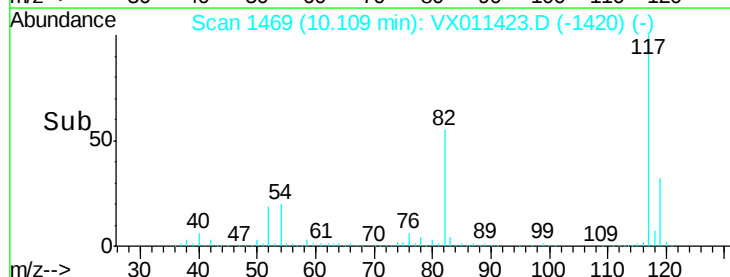
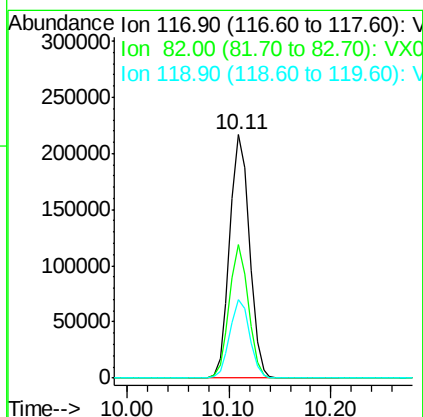
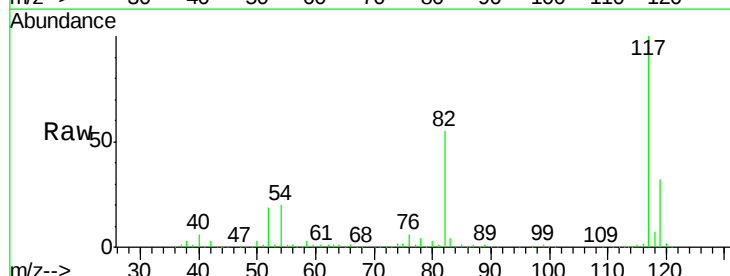
Instrument :
MSVOA_X
ClientSampled :
2S-F3-(0)

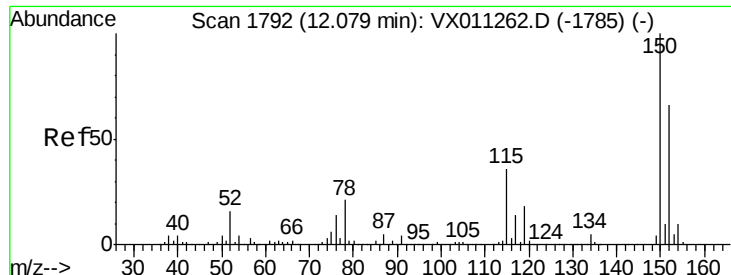
Tot Ion: 95 Resp: 128562
Ion Ratio Lower Upper
95 100
174 91.6 0.0 191.2
176 87.5 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011423.D
Acq: 11 Aug 2019 11:59

Tgt Ion: 117 Resp: 289742
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.2
119 32.1 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011423.D
 Acq: 11 Aug 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F3-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	40.0	119.9
150	155.6	0.0	350.4

