

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011614.D
 Acq On : 17 Aug 2019 05:19
 Operator : JC/SP
 Sample : K4265-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-(0)

Quant Time: Aug 19 04:50:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

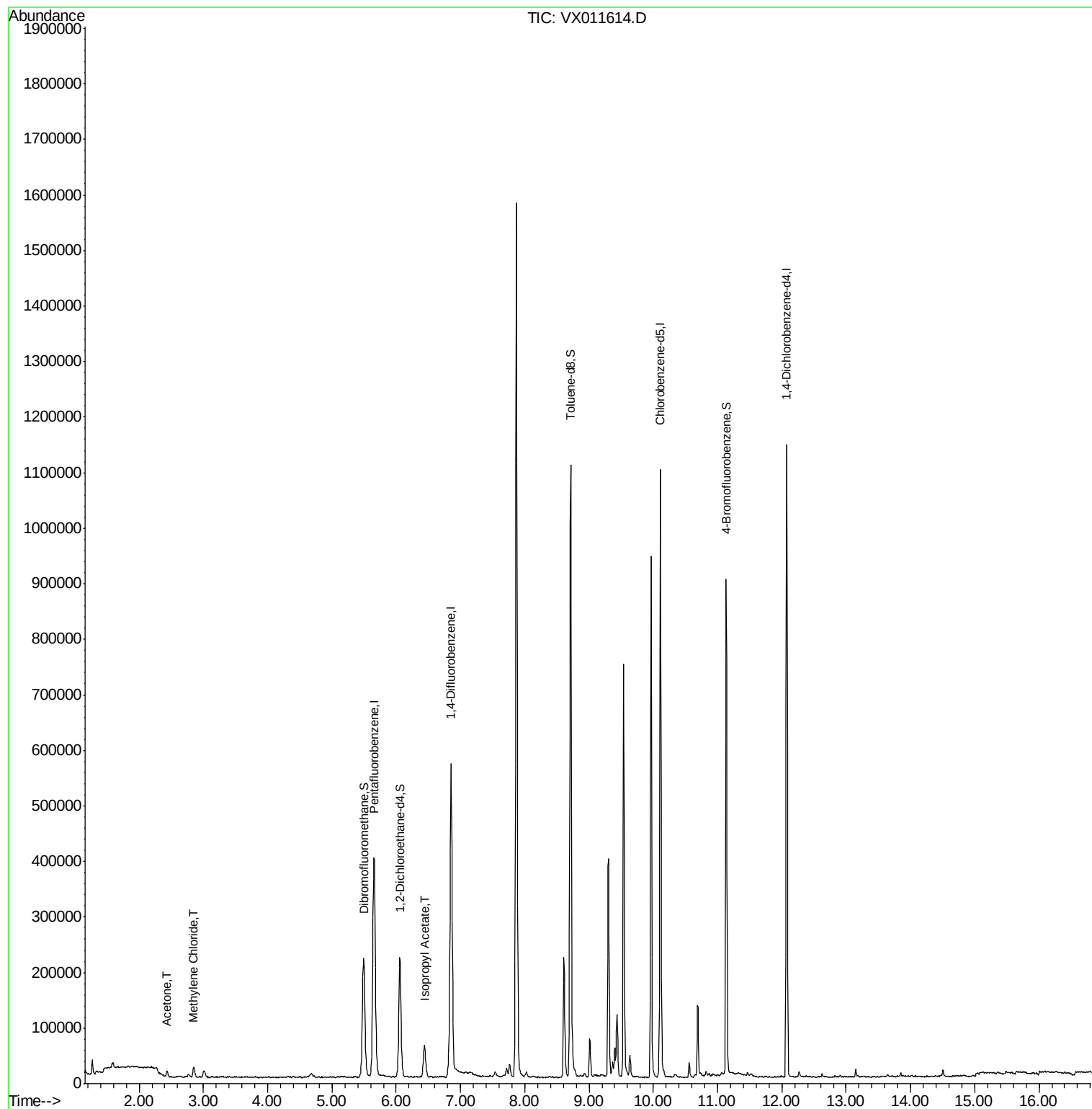
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	435664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	597897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	539237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	266676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	207154	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	5.49	113	178834	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
50) Toluene-d8	8.71	98	686343	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
62) 4-Bromofluorobenzene	11.13	95	222390	43.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.48%	
Target Compounds						
16) Acetone	2.43	43	10605	5.220	ug/l	94
20) Methylene Chloride	2.85	84	9760	2.288	ug/l	97
43) Isopropyl Acetate	6.44	43	80437	8.766	ug/l	99

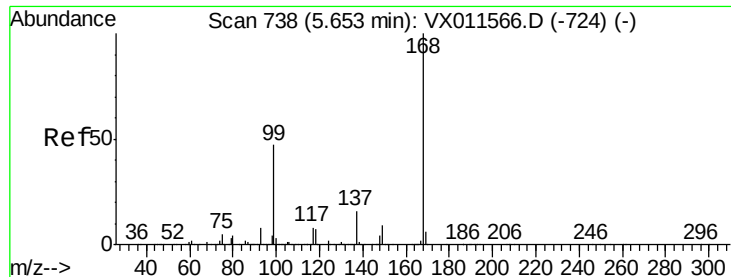
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 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: VX011614.D

Acq: 17 Aug 2019 05:19

Instrument :

MSVOA_X

ClientSampleId :

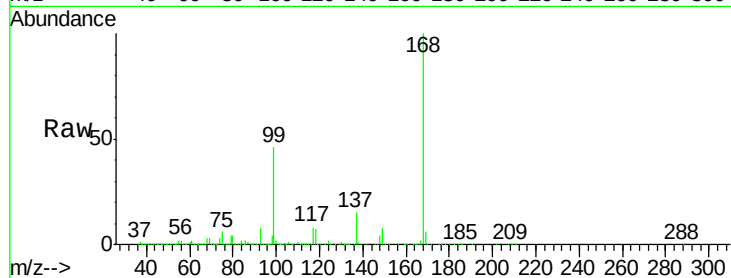
R1-R2-(0)

Tot Ion:168 Resp: 435664

Ion Ratio Lower Upper

168 100

99 45.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

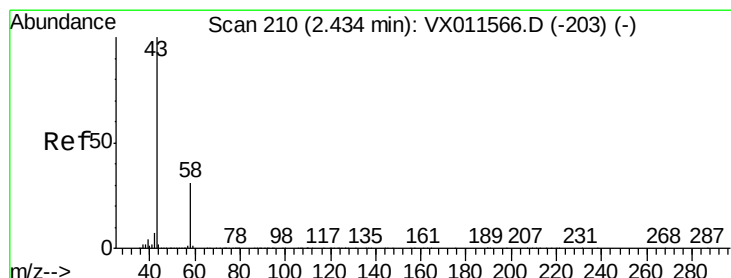
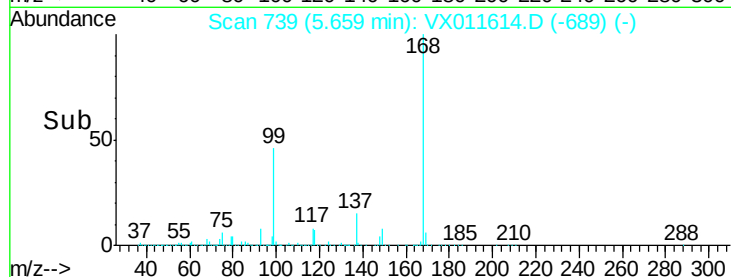
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.220 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011614.D

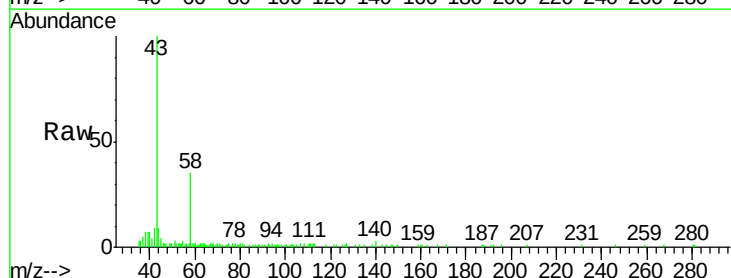
Acq: 17 Aug 2019 05:19

Tgt Ion: 43 Resp: 10605

Ion Ratio Lower Upper

43 100

58 34.6 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

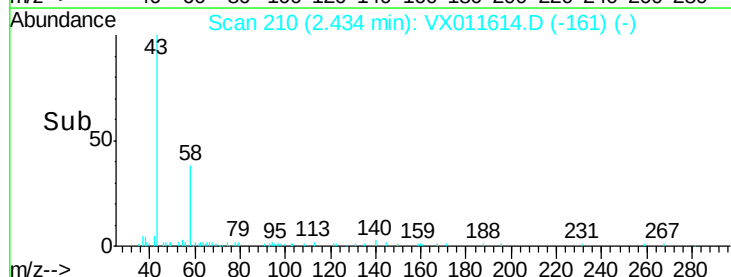
6000

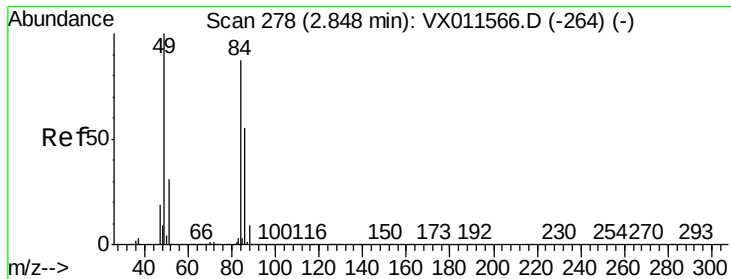
4000

2000

0

Time-->

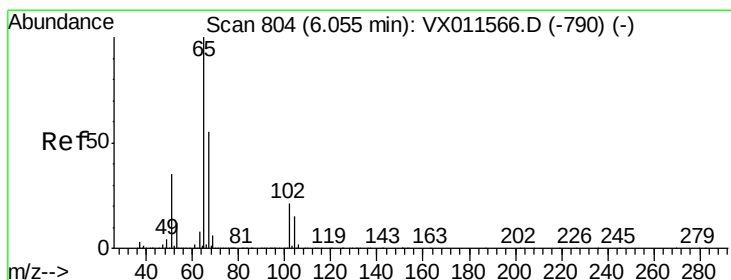
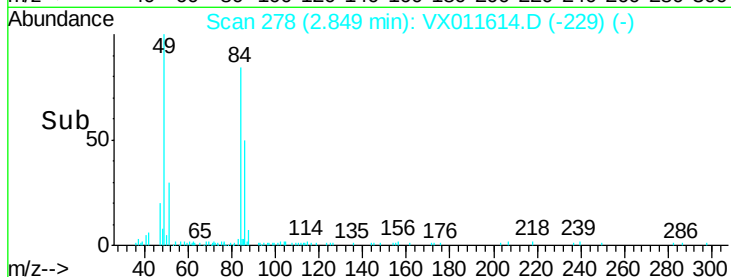
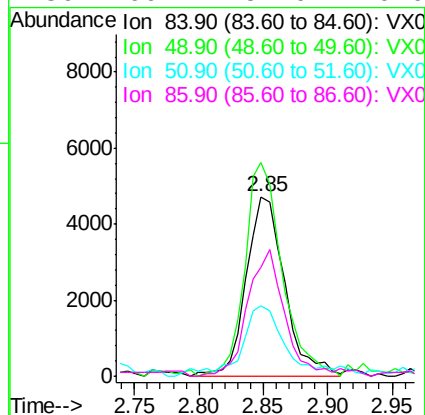
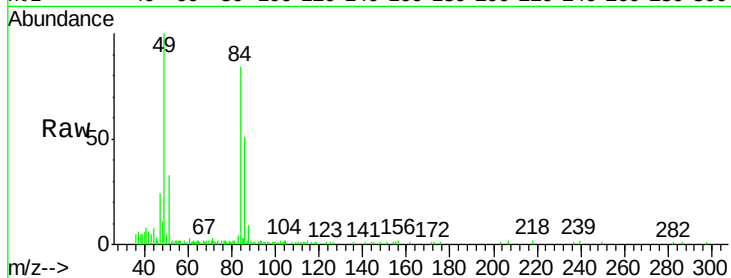




#20
Methylene Chloride
Concen: 2.288 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011614.D
Acq: 17 Aug 2019 05:19

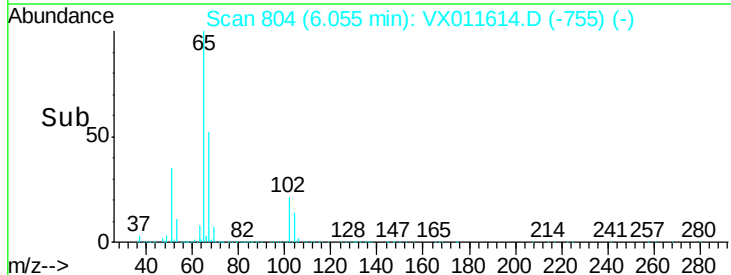
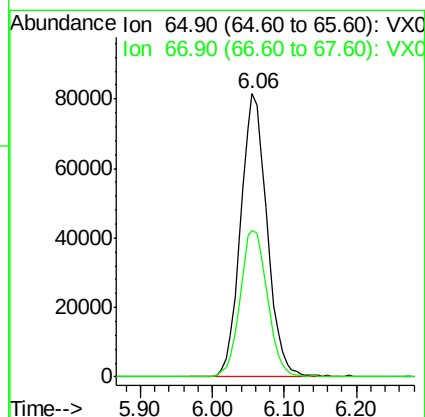
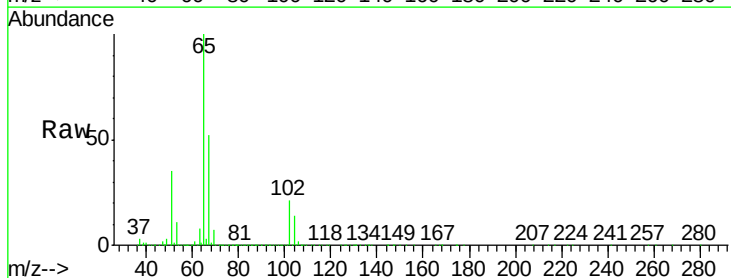
Instrument :
MSVOA_X
ClientSampleId :
R1-R2-(0)

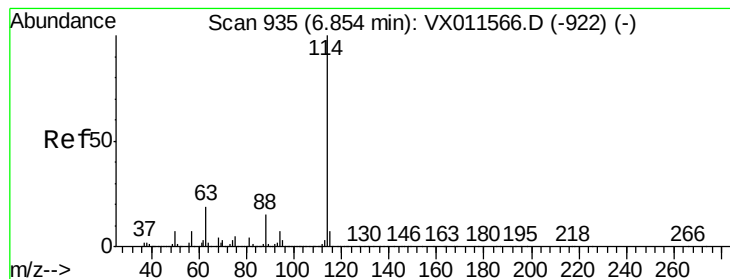
Tot Ion: 84 Resp: 9760
Ion Ratio Lower Upper
84 100
49 118.8 92.4 138.6
51 34.7 28.5 42.7
86 60.2 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 51.273 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011614.D
Acq: 17 Aug 2019 05:19

Tgt Ion: 65 Resp: 207154
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011614.D

Acq: 17 Aug 2019 05:19

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-(0)

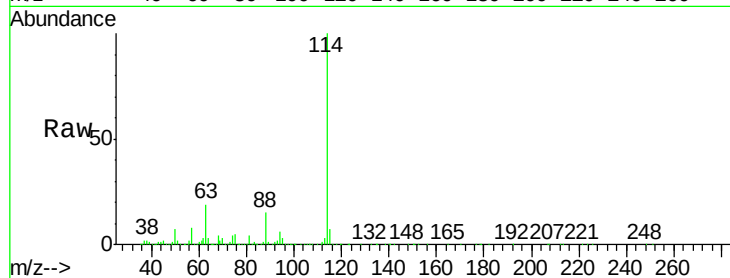
Tot Ion:114 Resp: 597897

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.8

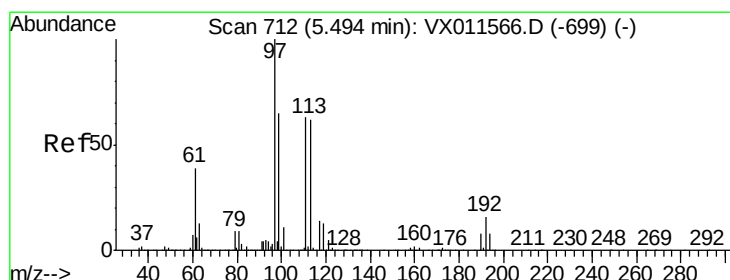
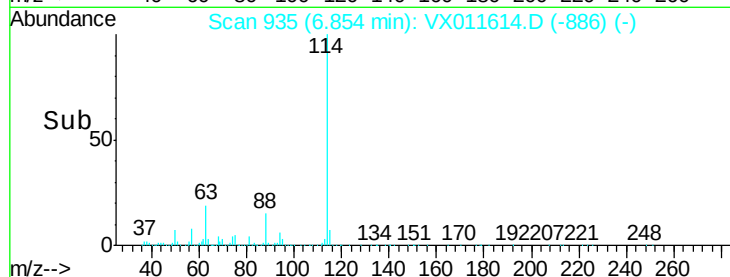
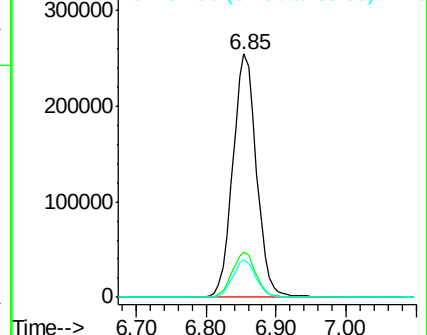
88 15.2 0.0 30.2



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: 45.730 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011614.D

Acq: 17 Aug 2019 05:19

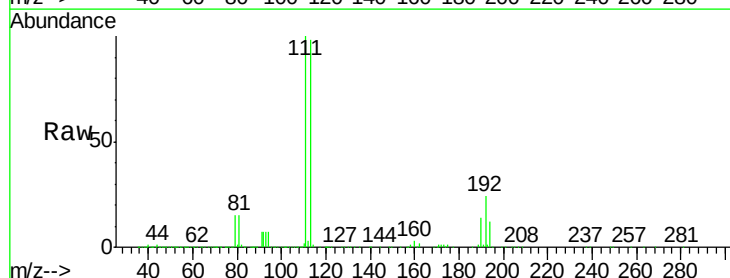
Tgt Ion:113 Resp: 178834

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

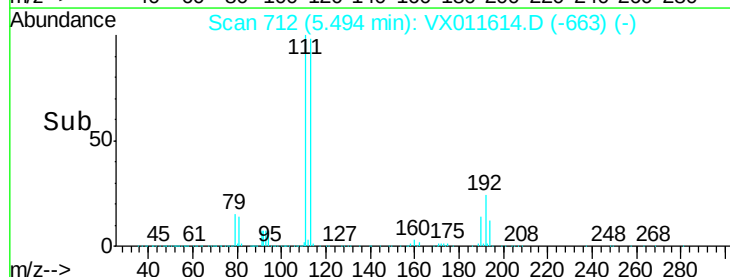
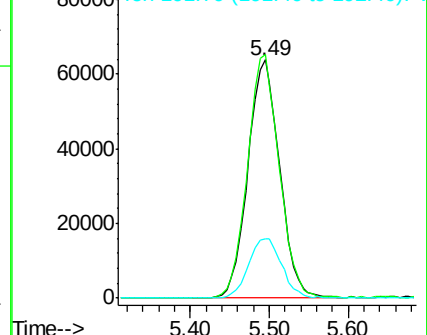
192 26.2 20.8 31.2

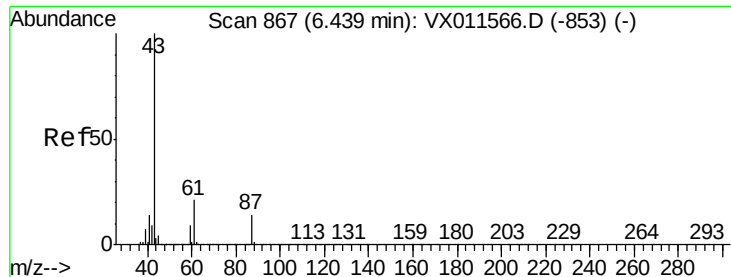


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.766 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011614.D

Acq: 17 Aug 2019 05:19

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-(0)

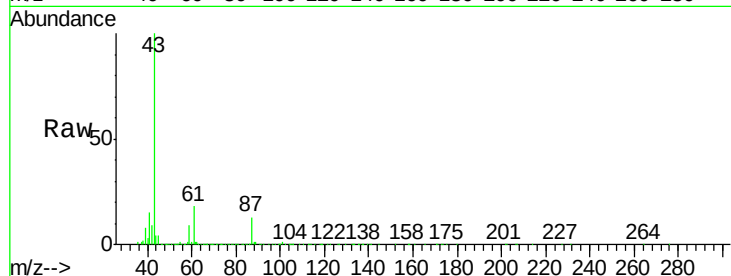
Tot Ion: 43 Resp: 80437

Ion Ratio Lower Upper

43 100

61 20.4 16.6 24.8

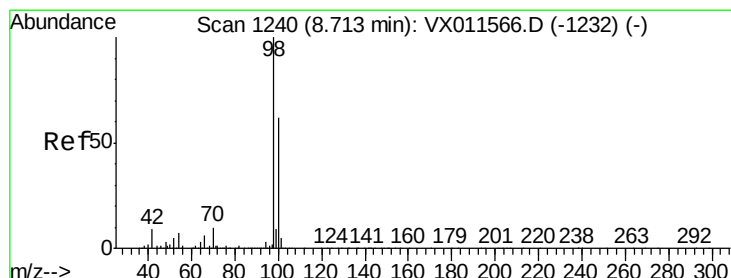
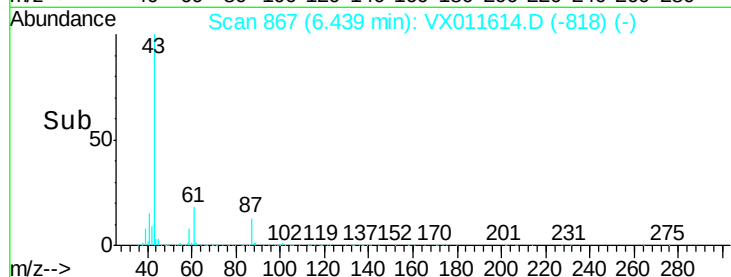
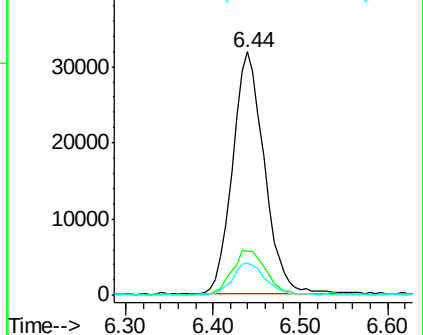
87 14.1 11.4 17.2



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: 56.327 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011614.D

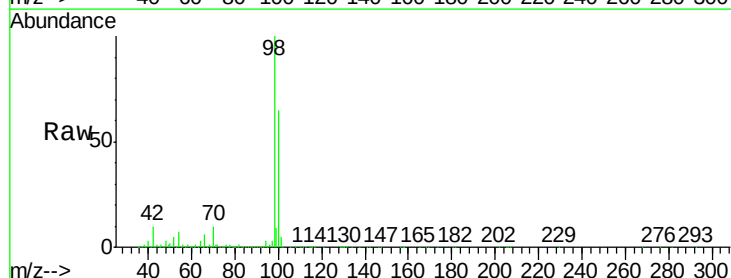
Acq: 17 Aug 2019 05:19

Tgt Ion: 98 Resp: 686343

Ion Ratio Lower Upper

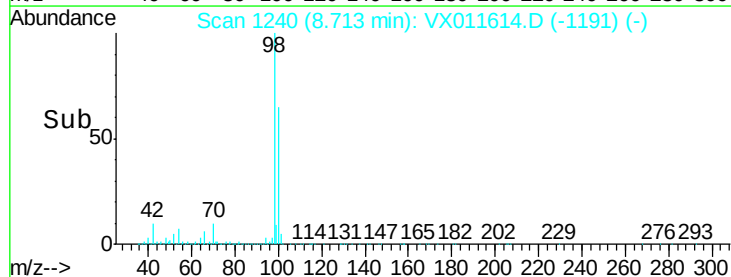
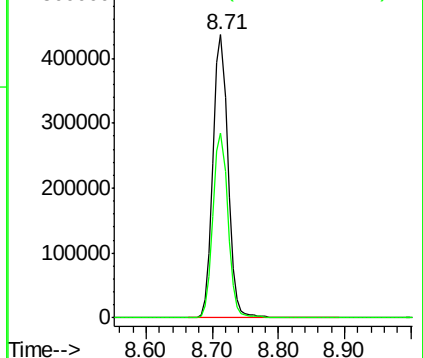
98 100

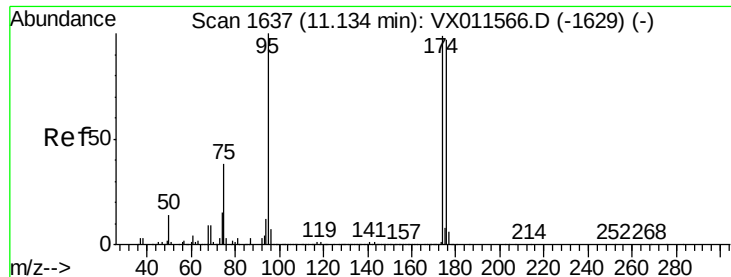
100 64.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

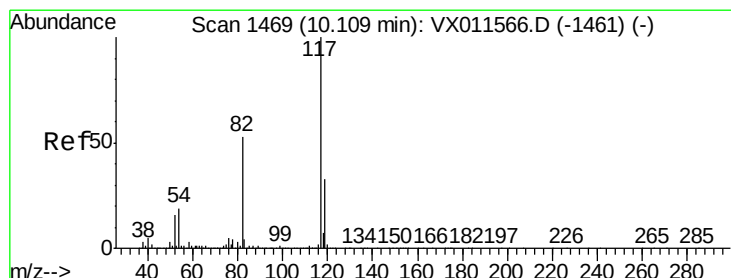
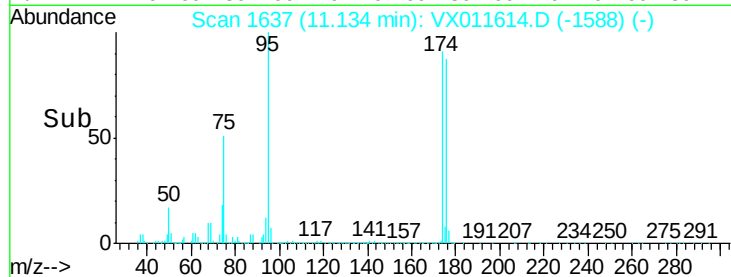
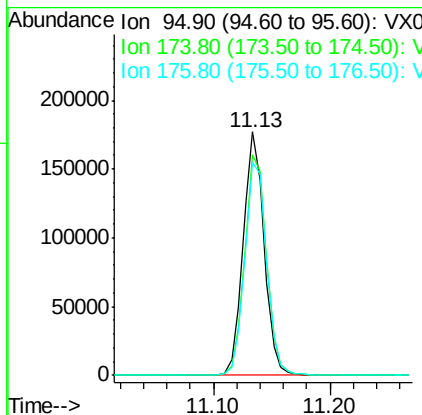
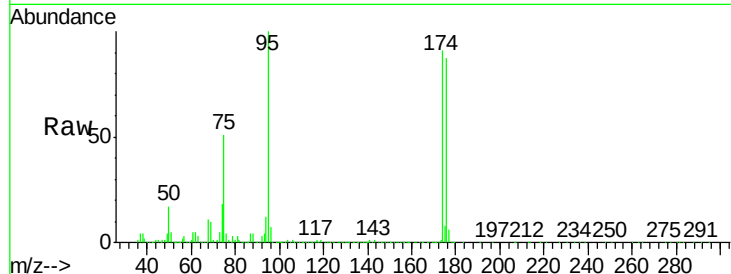




#62
4-Bromofluorobenzene
Concen: 43.240 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011614.D
Acq: 17 Aug 2019 05:19

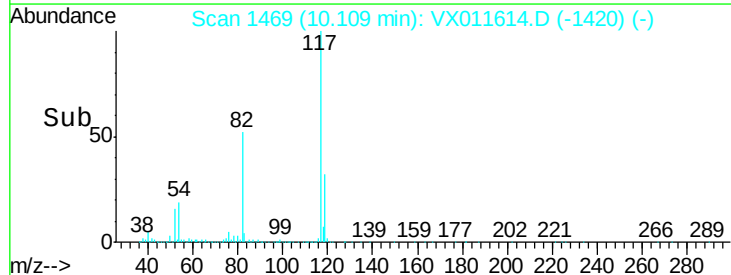
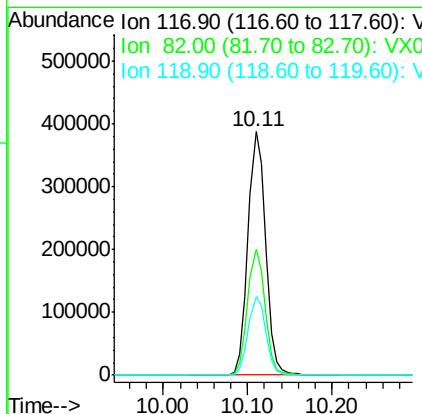
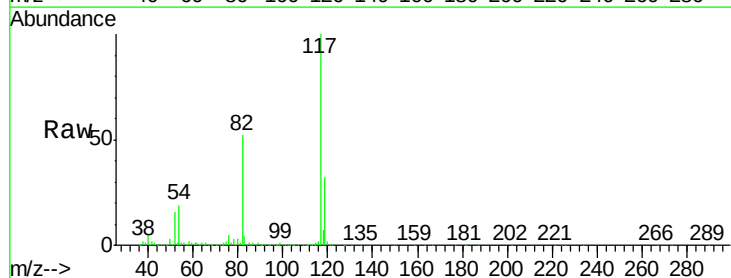
Instrument :
MSVOA_X
ClientSampleId :
R1-R2-(0)

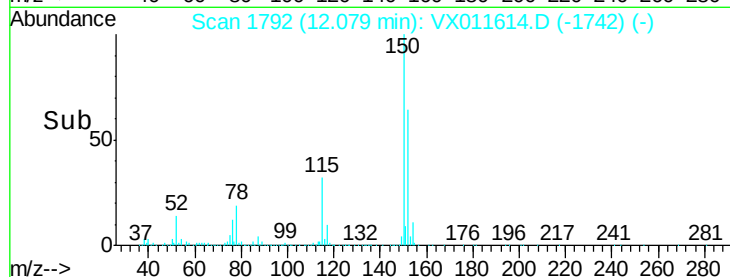
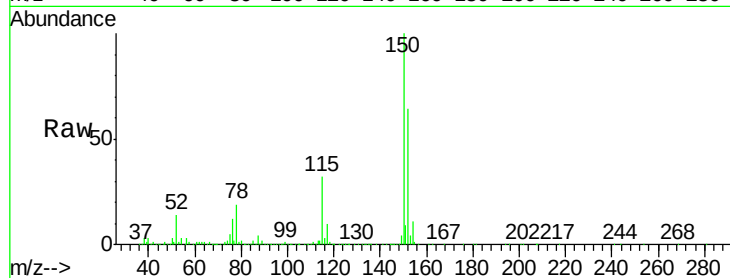
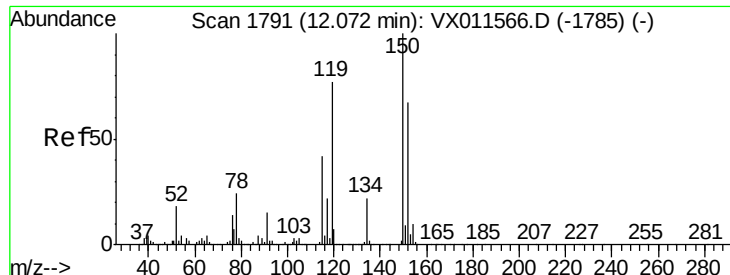
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	200.6
176	92.0	0.0	196.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011614.D
Acq: 17 Aug 2019 05:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.0	63.0
119	32.5	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011614.D

Acq: 17 Aug 2019 05:19

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-(0)

Tot Ion:152 Resp: 266676

Ion Ratio Lower Upper

152 100

115 53.4 37.3 111.9

150 156.6 0.0 346.2

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

