

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011450.D
 Acq On : 11 Aug 2019 23:38
 Operator : JC/SP
 Sample : K4095-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-080919-B

Quant Time: Aug 12 08:22:39 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

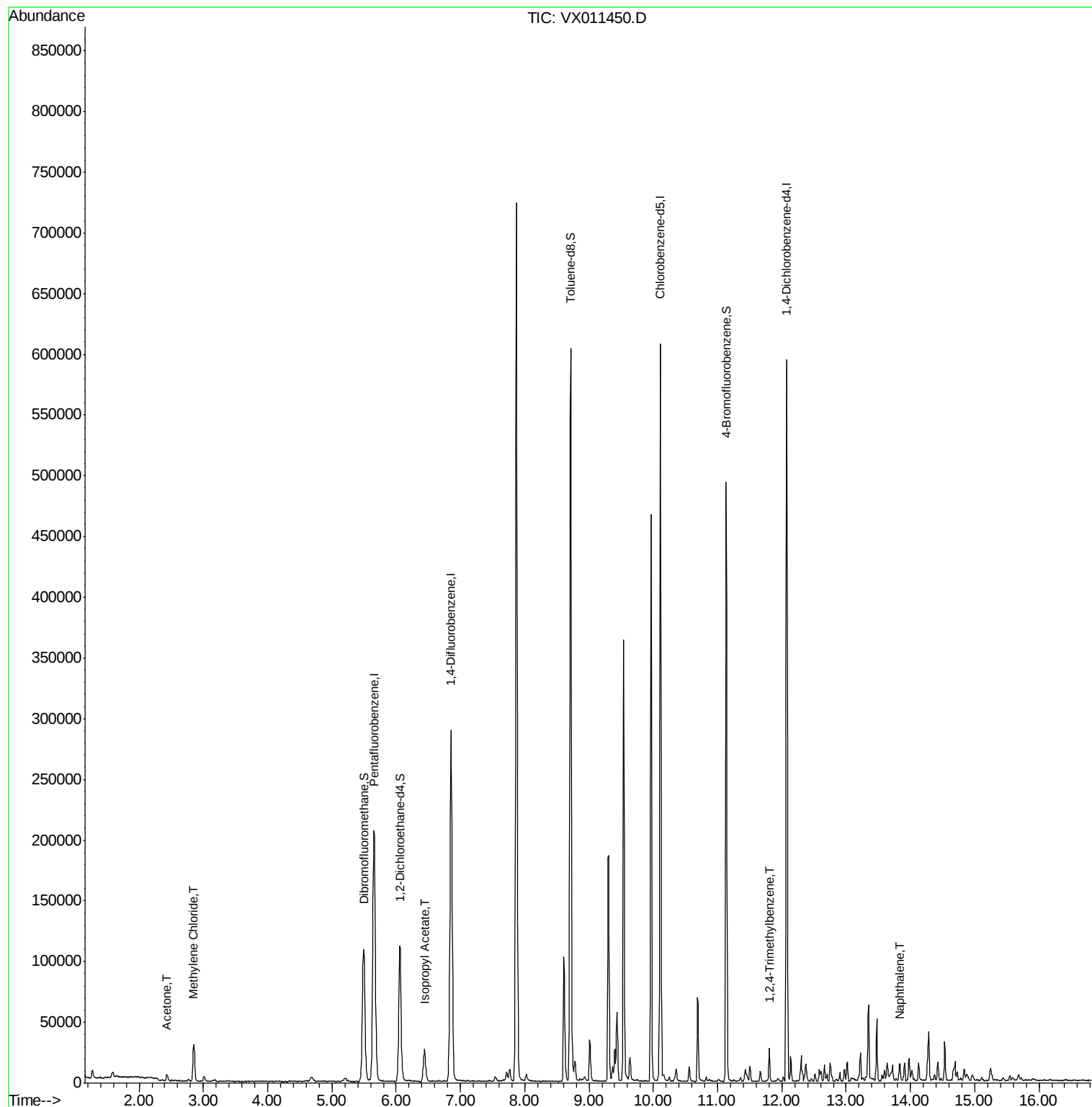
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	201891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298730	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107522	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
35) Dibromofluoromethane	5.49	113	92166	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
50) Toluene-d8	8.71	98	358064	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.13	95	120291	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
Target Compounds						
16) Acetone	2.43	43	5645	5.833	ug/l	95
20) Methylene Chloride	2.85	84	15348	7.242	ug/l	95
43) Isopropyl Acetate	6.44	43	35282	8.435	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	11547	1.619	ug/l	100
95) Naphthalene	13.83	128	8721	1.067	ug/l	97

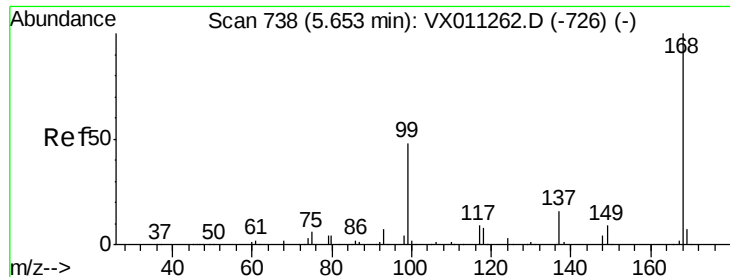
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

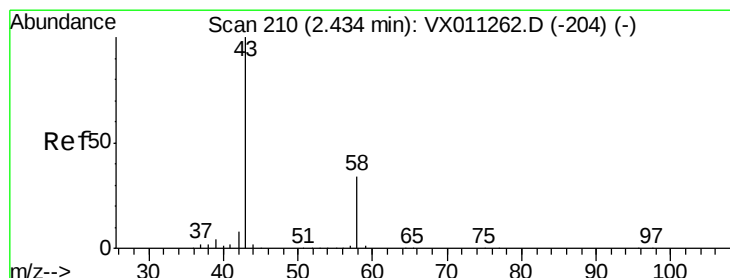
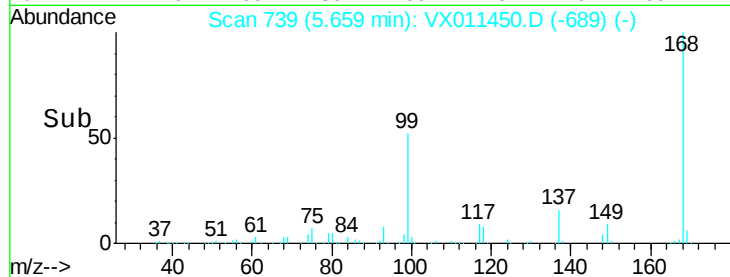
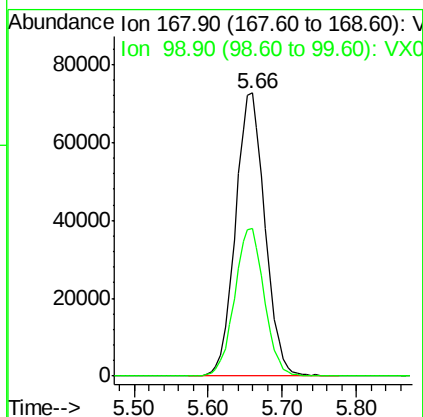
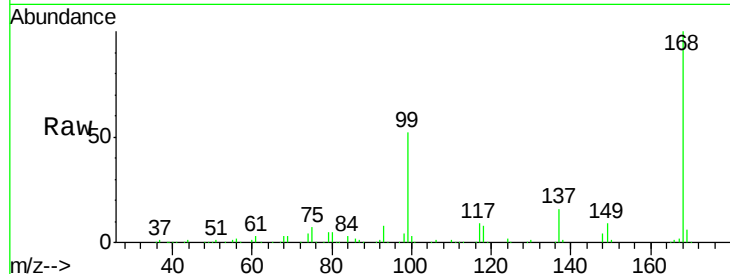




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

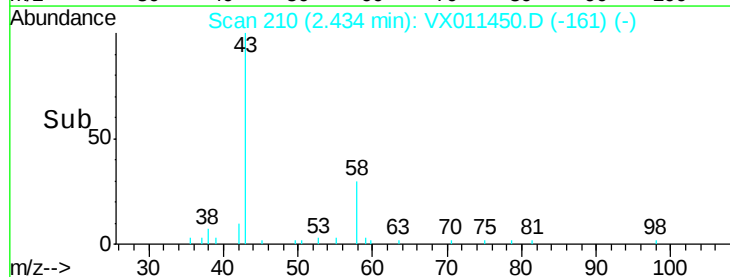
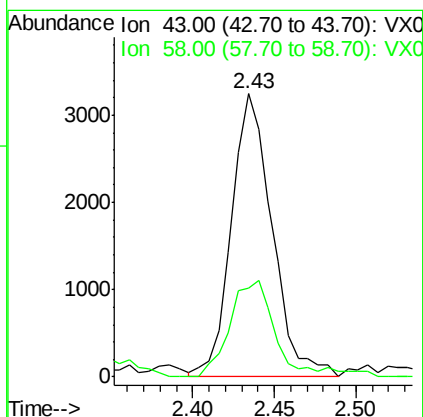
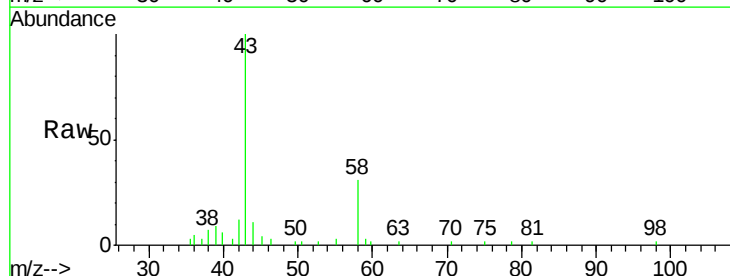
Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-B

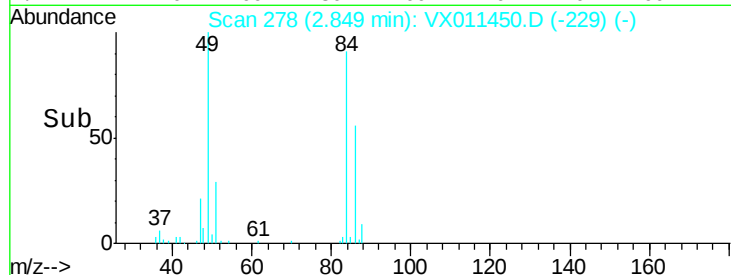
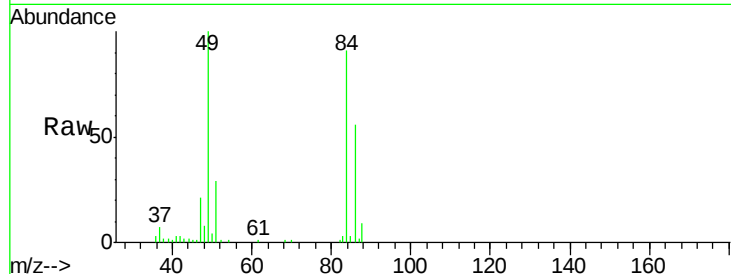
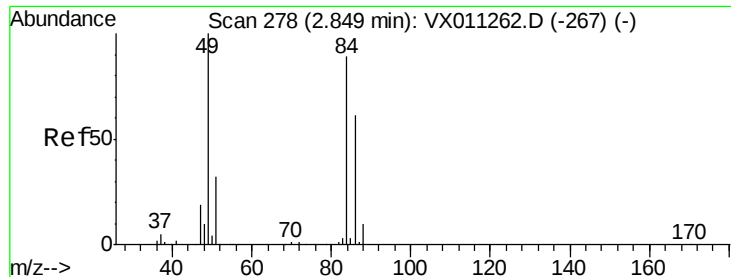
Tot Ion:168 Resp: 201891
Ion Ratio Lower Upper
168 100
99 52.0 38.5 57.7



#16
Acetone
Concen: 5.833 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

Tgt Ion: 43 Resp: 5645
Ion Ratio Lower Upper
43 100
58 31.2 27.4 41.0

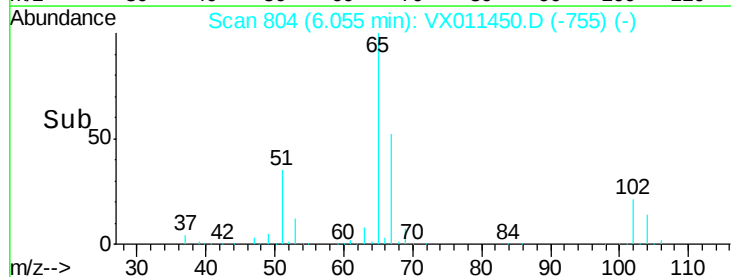
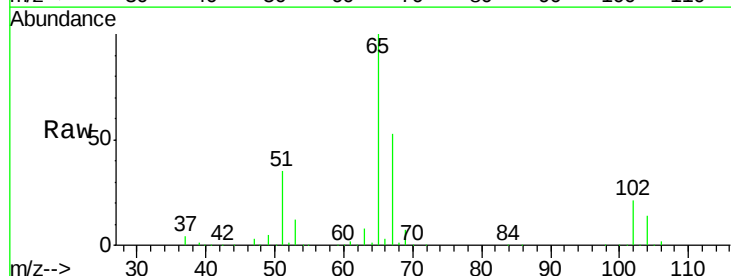
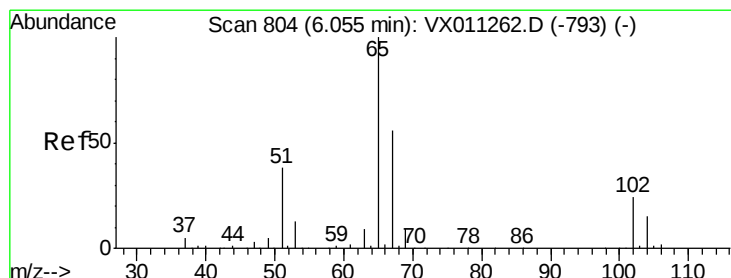
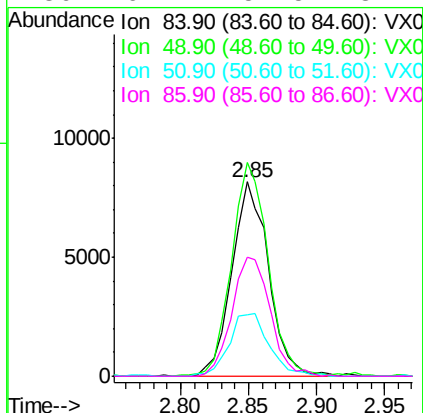




#20
Methylene Chloride
Concen: 7.242 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

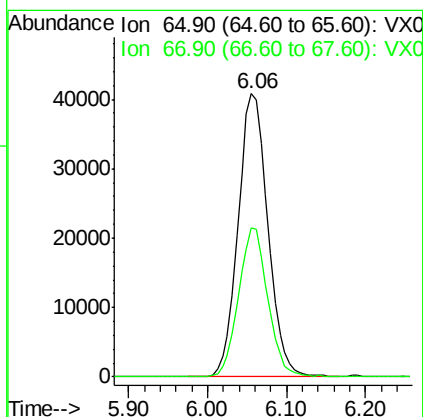
Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-B

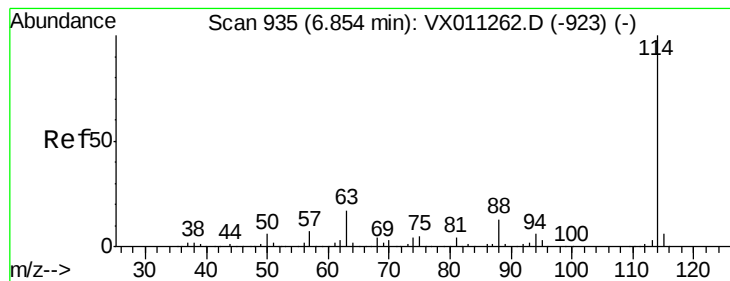
Tot Ion:	84	Resp:	15348
Ion	Ratio	Lower	Upper
84	100		
49	109.5	89.3	133.9
51	31.6	28.3	42.5
86	61.1	54.5	81.7



#33
1,2-Dichloroethane-d4
Concen: 52.884 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

Tgt Ion:	65	Resp:	107522
Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

SU-04-080919-B

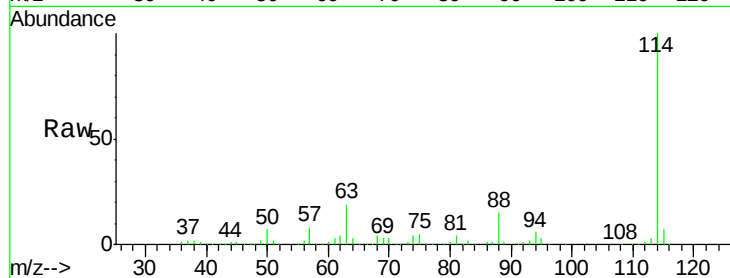
Tot Ion:114 Resp: 298730

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

88 15.1 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

150000

100000

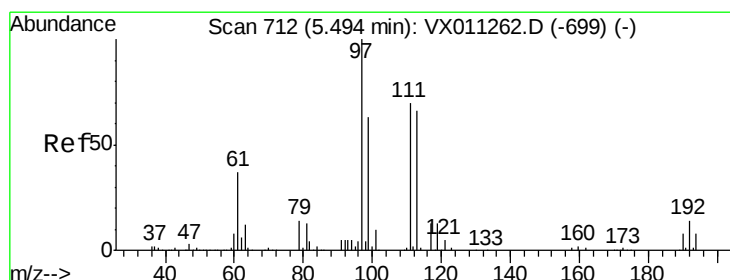
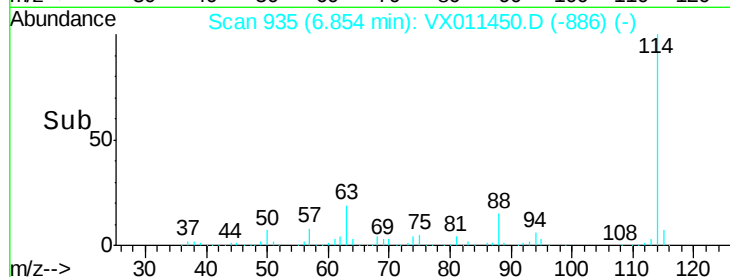
50000

0

6.85

6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 47.256 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

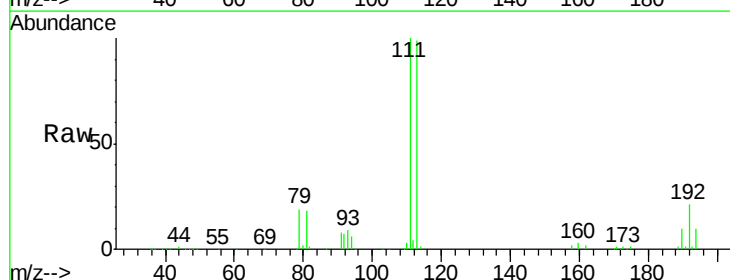
Tgt Ion:113 Resp: 92166

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 21.8 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

40000

30000

20000

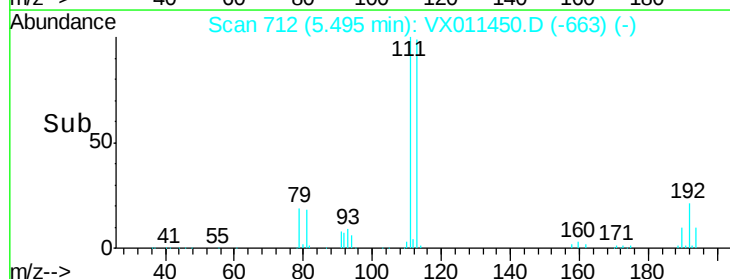
10000

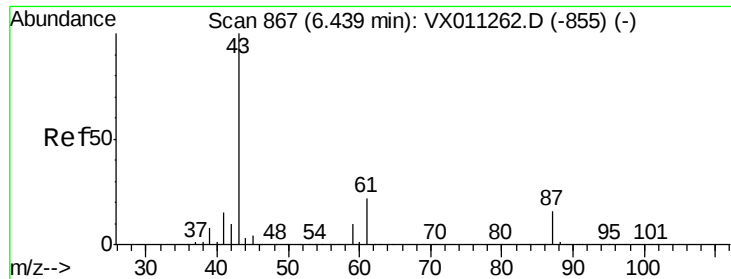
0

5.49

5.40 5.50 5.60

Time-->





#43

Isopropyl Acetate

Concen: 8.435 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

SU-04-080919-B

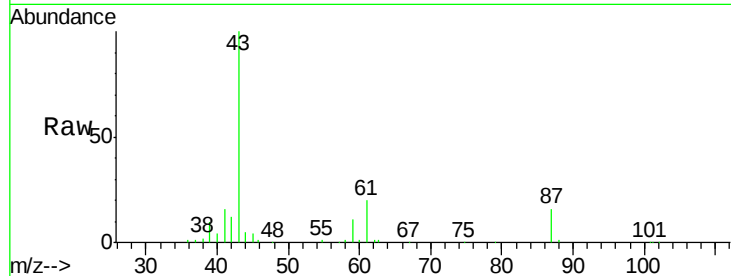
Tot Ion: 43 Resp: 35282

Ion Ratio Lower Upper

43 100

61 19.9 16.5 24.7

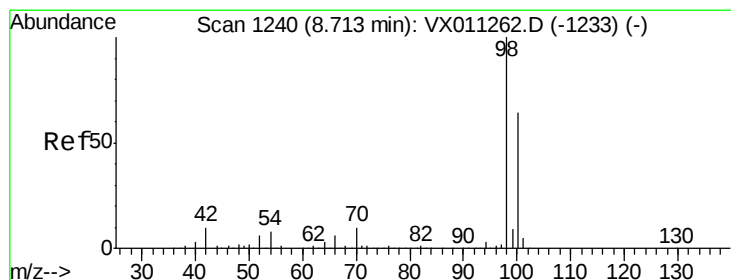
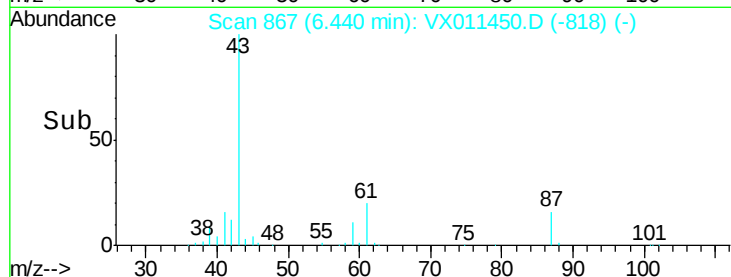
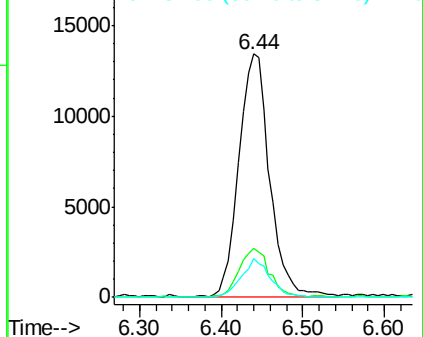
87 14.8 12.1 18.1



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: 48.637 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011450.D

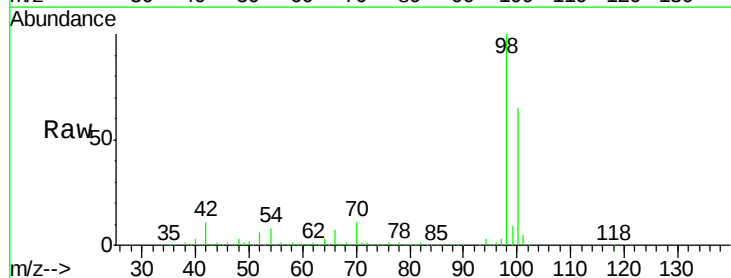
Acq: 11 Aug 2019 23:38

Tgt Ion: 98 Resp: 358064

Ion Ratio Lower Upper

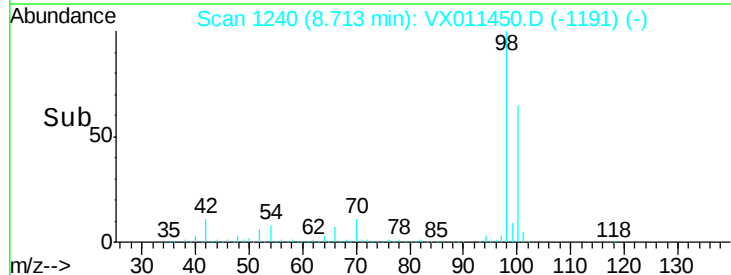
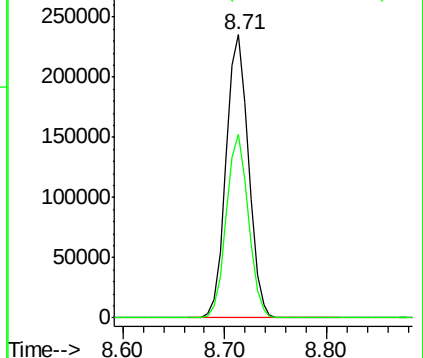
98 100

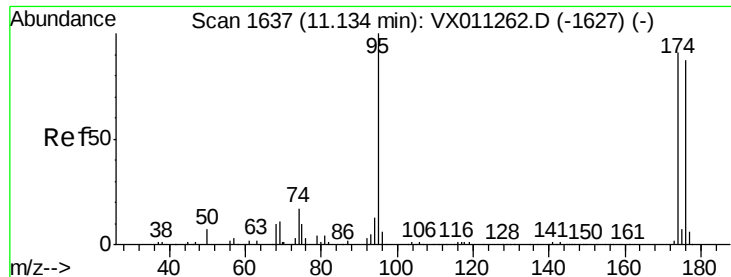
100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

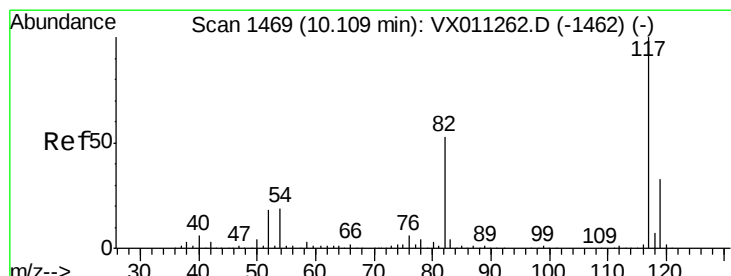
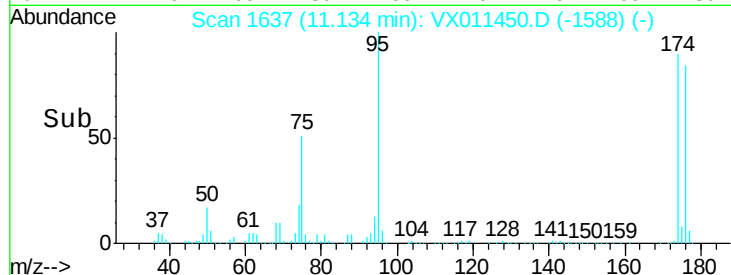
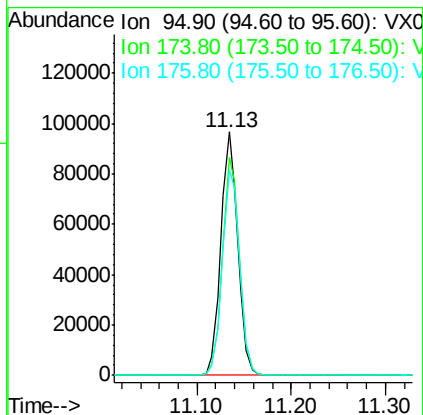
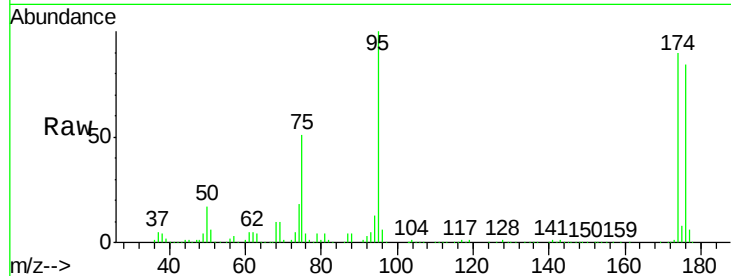




#62
4-Bromofluorobenzene
Concen: 45.765 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

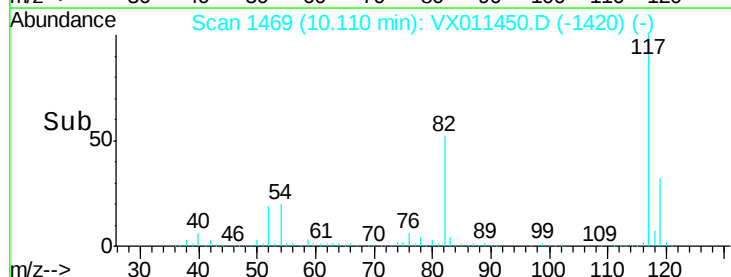
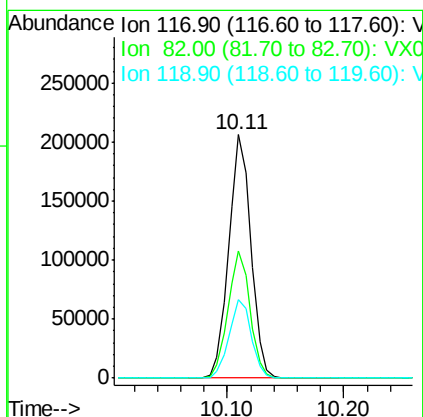
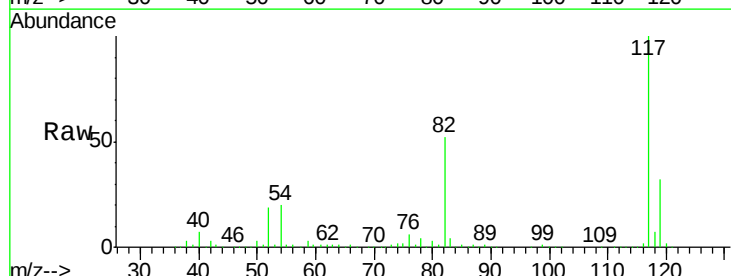
Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-B

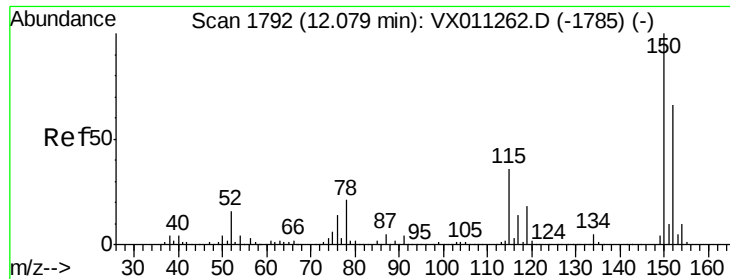
Tot Ion: 95 Resp: 120291
Ion Ratio Lower Upper
95 100
174 89.5 0.0 191.2
176 86.4 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

Tgt Ion: 117 Resp: 272892
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 32.2 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: VX011450.D

Acq: 11 Aug 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

SU-04-080919-B

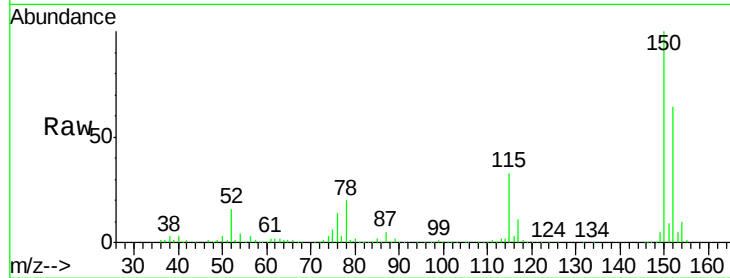
Tot Ion:152 Resp: 125113

Ion Ratio Lower Upper

152 100

115 57.0 40.0 119.9

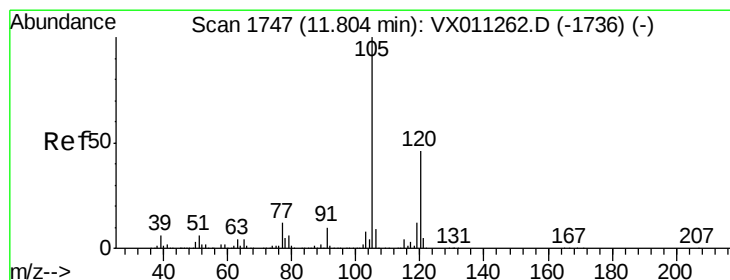
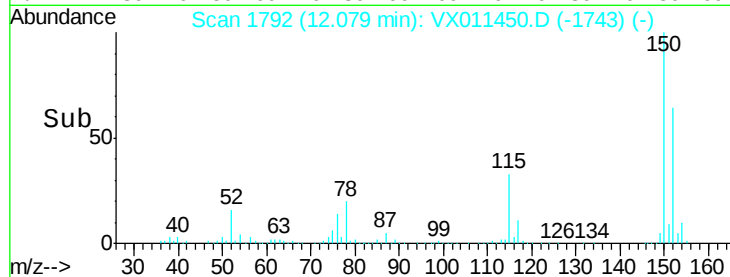
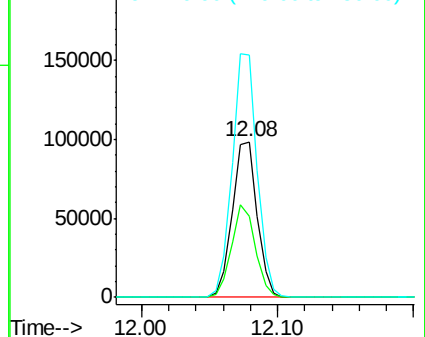
150 157.3 0.0 350.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.619 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011450.D

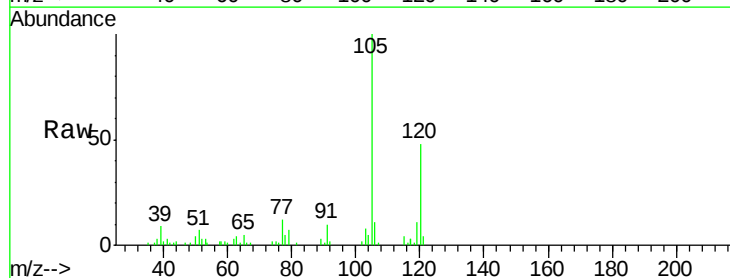
Acq: 11 Aug 2019 23:38

Tgt Ion:105 Resp: 11547

Ion Ratio Lower Upper

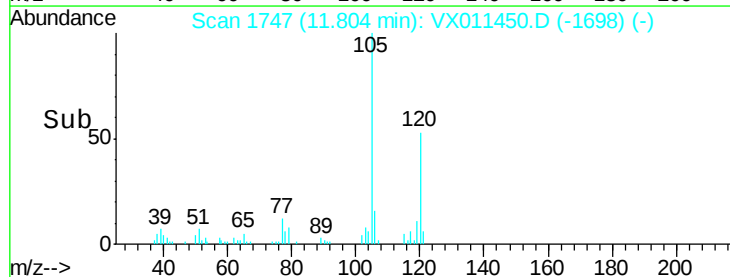
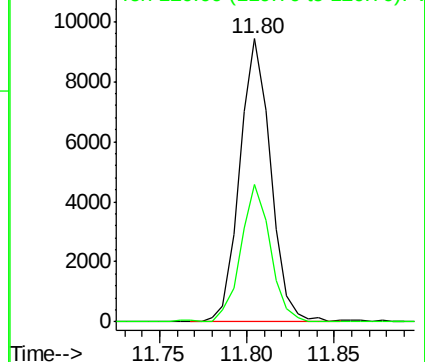
105 100

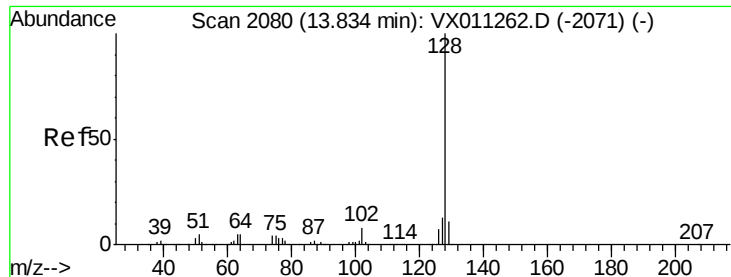
120 46.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

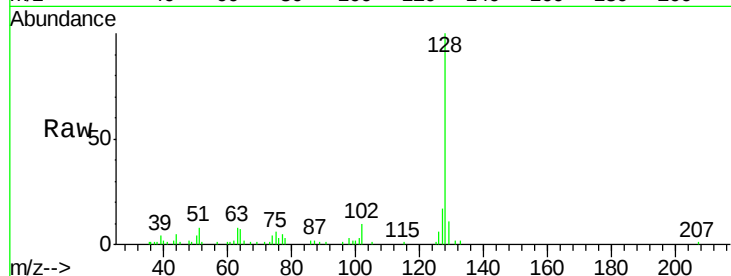




#95
Naphthalene
Concen: 1.067 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011450.D
Acq: 11 Aug 2019 23:38

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.4	15.6
129	12.4	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

