

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011457.D
 Acq On : 12 Aug 2019 02:21
 Operator : JC/SP
 Sample : K4277-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-20

Quant Time: Aug 12 08:59:19 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

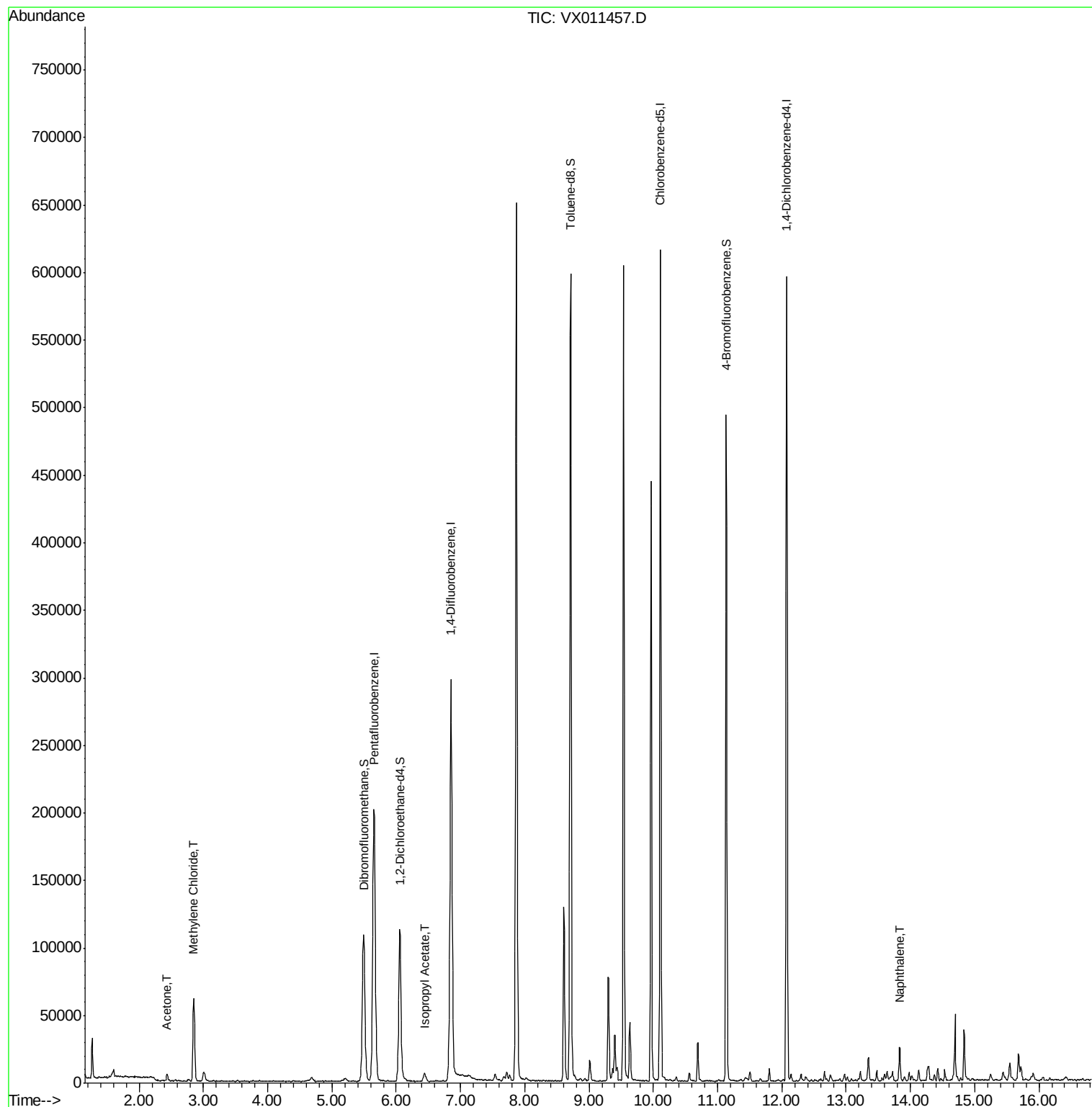
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105989	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
35) Dibromofluoromethane	5.49	113	90298	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
50) Toluene-d8	8.71	98	359149	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.13	95	119939	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
Target Compounds						
16) Acetone	2.43	43	4962	5.229	ug/l	90
20) Methylene Chloride	2.85	84	29070	13.989	ug/l	94
43) Isopropyl Acetate	6.43	43	8207	1.976	ug/l	99
95) Naphthalene	13.83	128	15425	1.886	ug/l	97

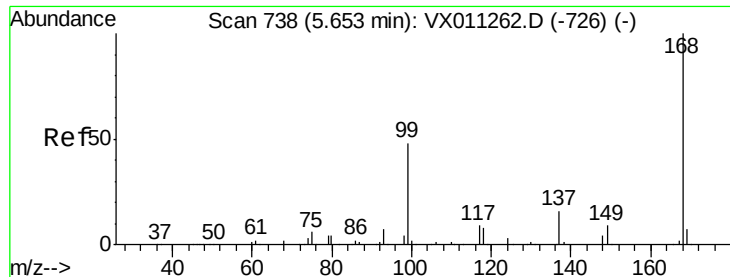
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011457.D

Acq: 12 Aug 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

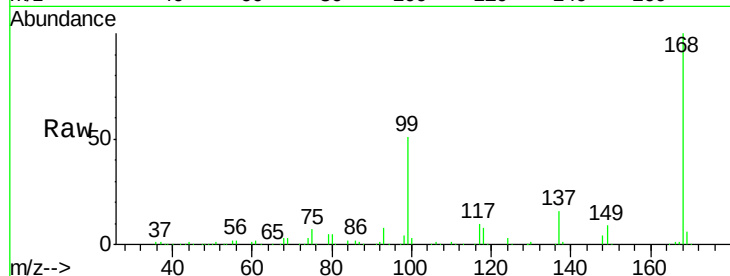
TP-20

Tot Ion:168 Resp: 197960

Ion Ratio Lower Upper

168 100

99 50.8 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

80000

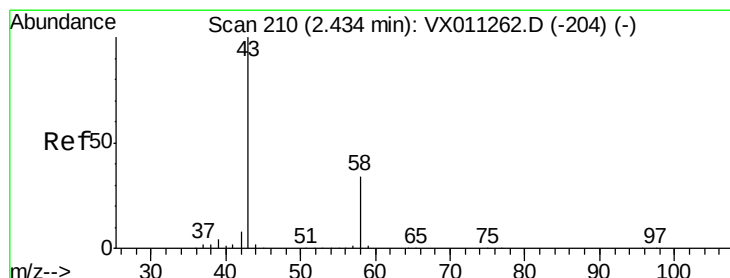
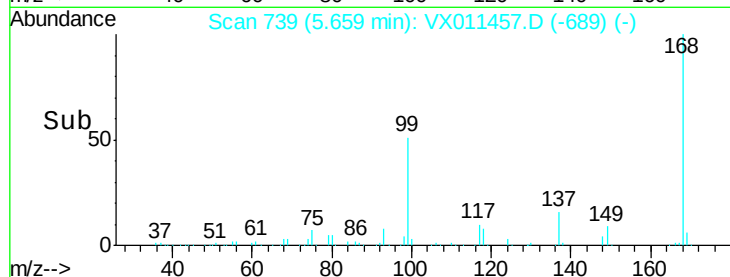
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.229 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011457.D

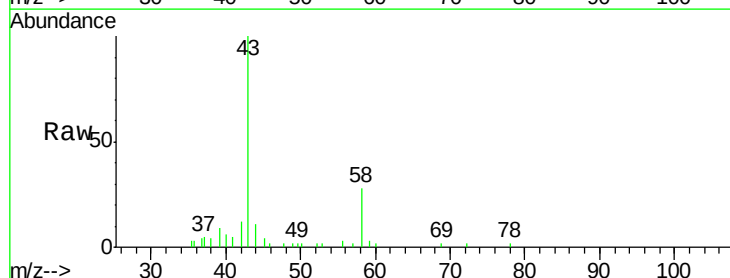
Acq: 12 Aug 2019 02:21

Tgt Ion: 43 Resp: 4962

Ion Ratio Lower Upper

43 100

58 28.3 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

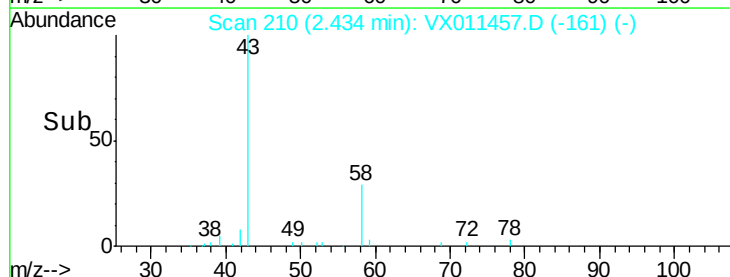
3000

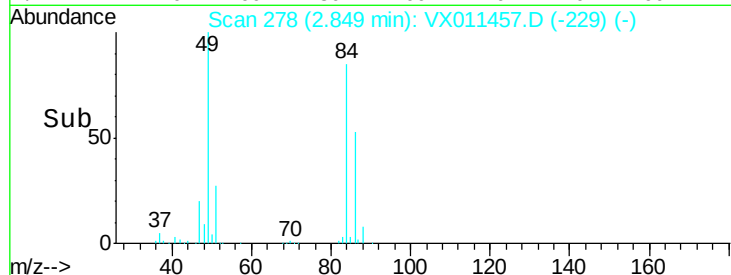
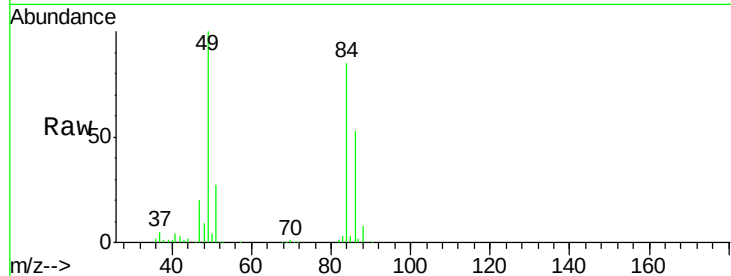
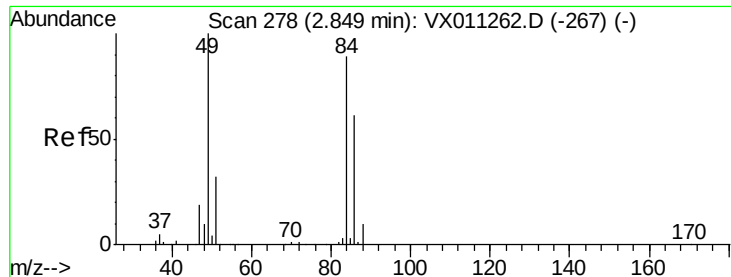
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

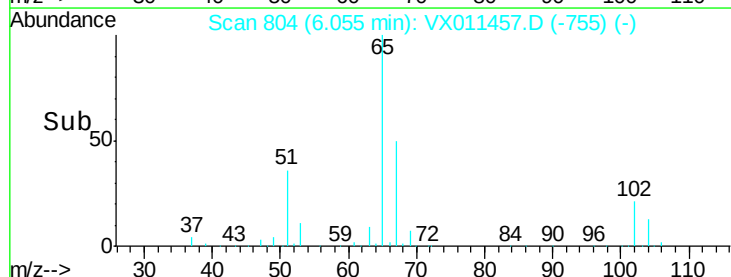
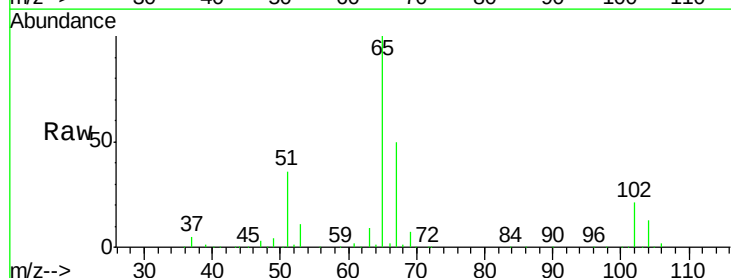
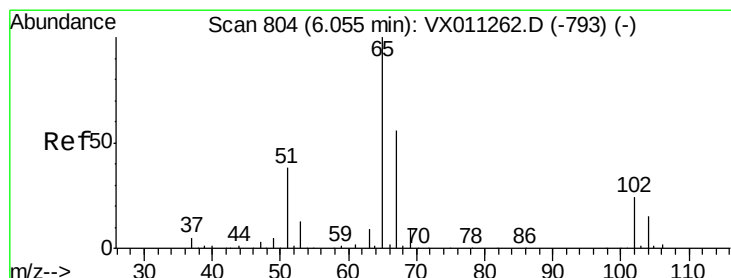
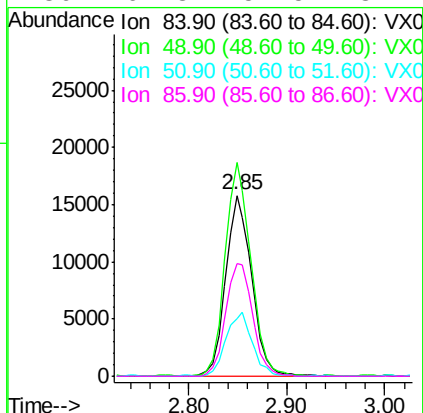




#20
Methylene Chloride
Concen: 13.989 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011457.D
Acq: 12 Aug 2019 02:21

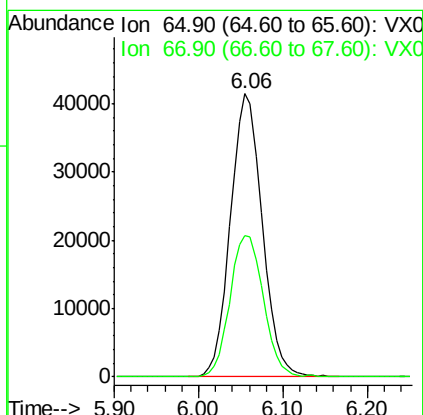
Instrument :
MSVOA_X
ClientSampleId :
TP-20

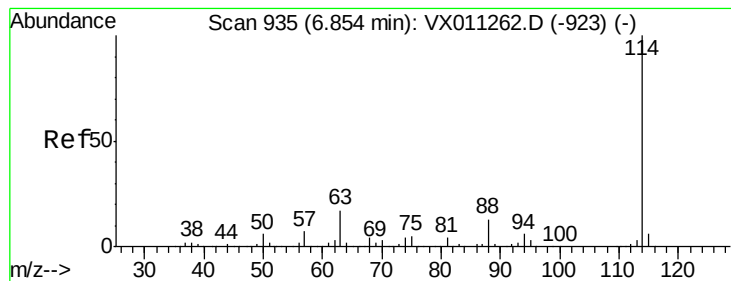
Tot Ion: 84 Resp: 29070
Ion Ratio Lower Upper
84 100
49 118.2 89.3 133.9
51 32.1 28.3 42.5
86 62.3 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 53.166 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011457.D
Acq: 12 Aug 2019 02:21

Tgt Ion: 65 Resp: 105989
Ion Ratio Lower Upper
65 100
67 52.5 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: VX011457.D

Acq: 12 Aug 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

TP-20

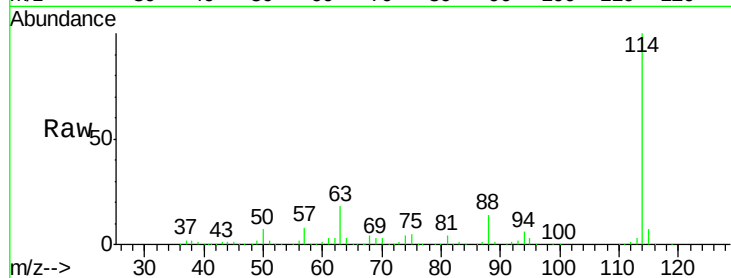
Tot Ion:114 Resp: 296673

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

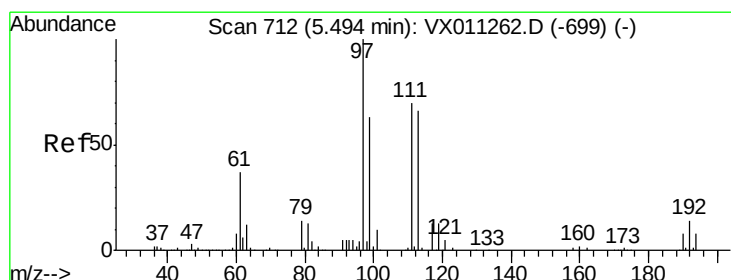
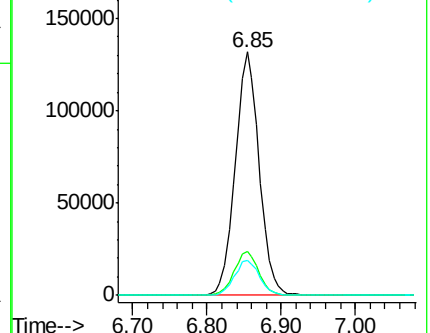
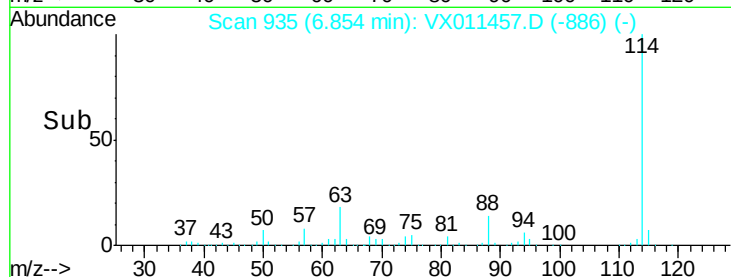
88 14.5 0.0 26.4



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: 46.620 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011457.D

Acq: 12 Aug 2019 02:21

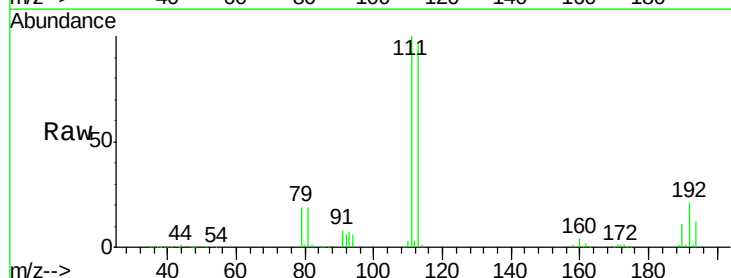
Tgt Ion:113 Resp: 90298

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

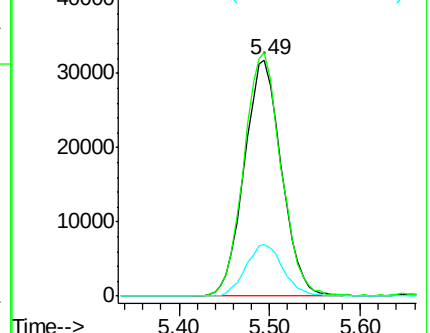
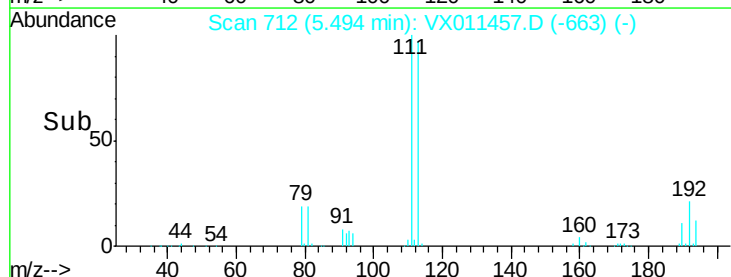
192 22.1 17.8 26.8

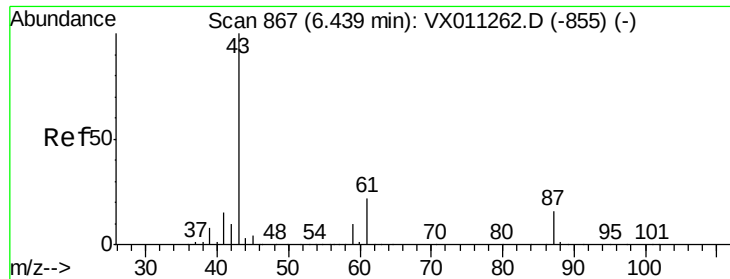


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.976 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011457.D

Acq: 12 Aug 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

TP-20

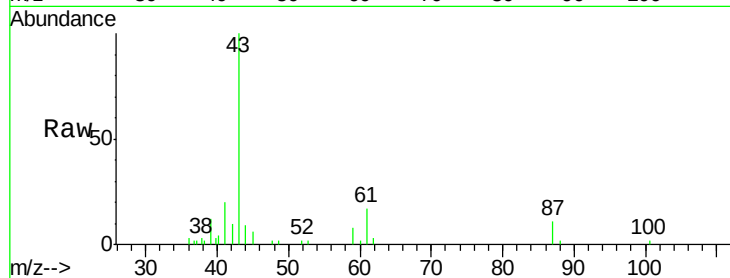
Tot Ion: 43 Resp: 8207

Ion Ratio Lower Upper

43 100

61 20.8 16.5 24.7

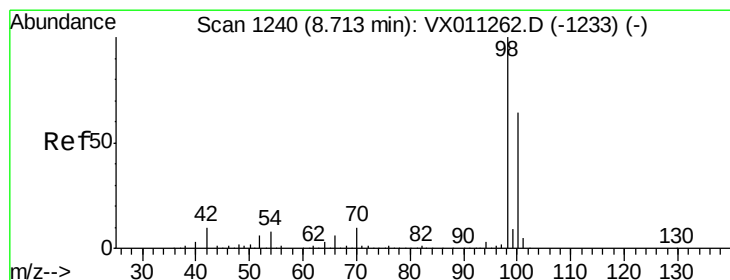
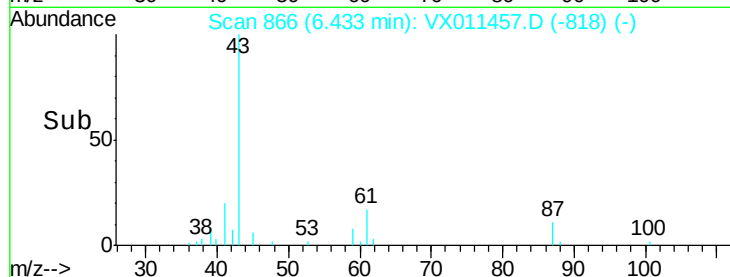
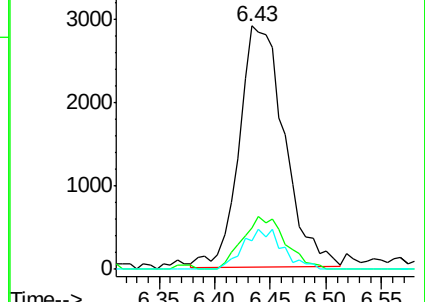
87 14.5 12.1 18.1



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: 49.123 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011457.D

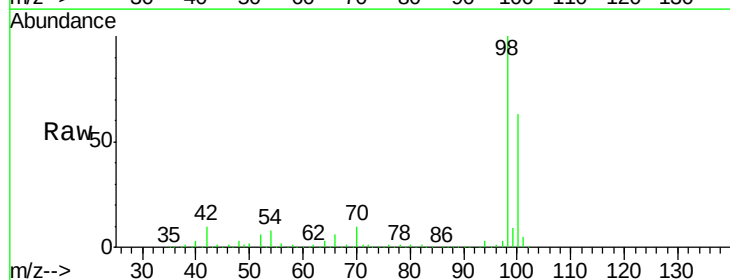
Acq: 12 Aug 2019 02:21

Tgt Ion: 98 Resp: 359149

Ion Ratio Lower Upper

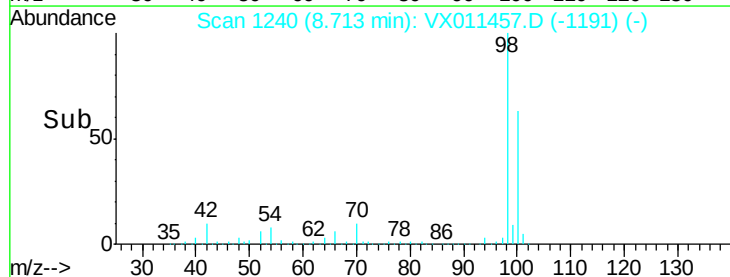
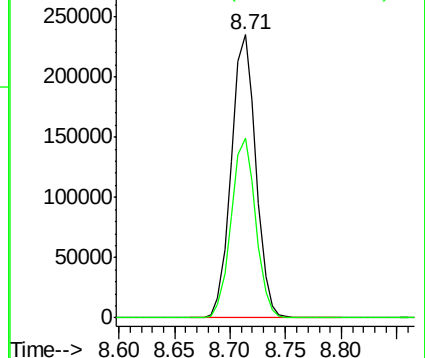
98 100

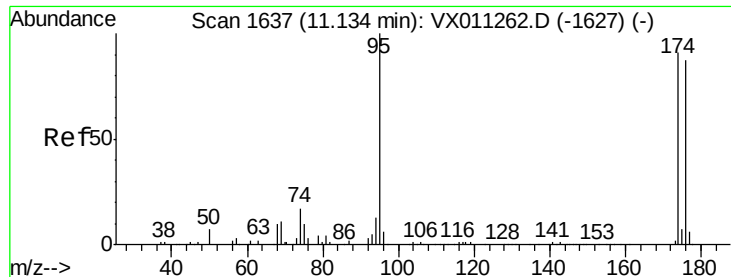
100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

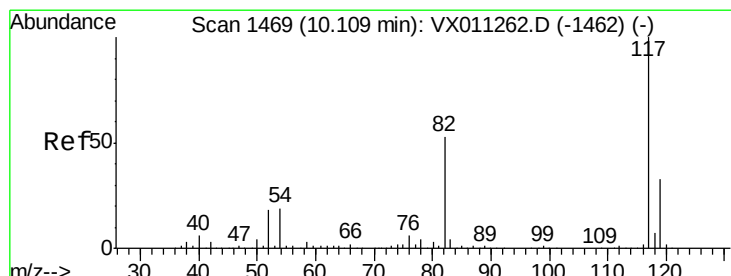
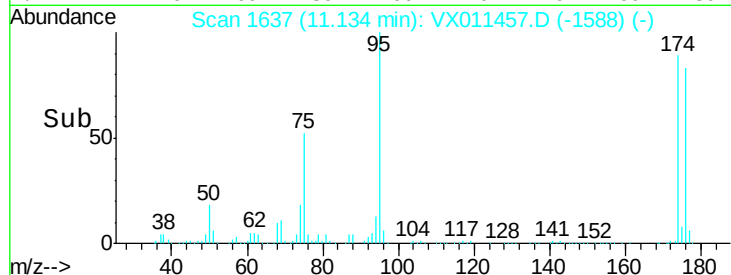
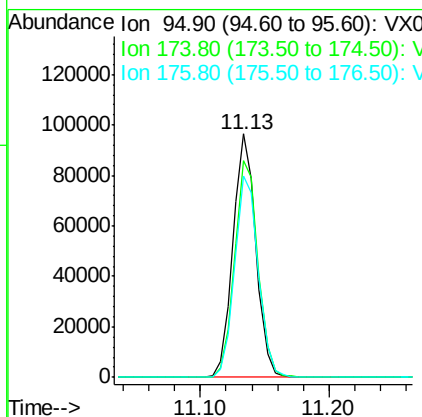
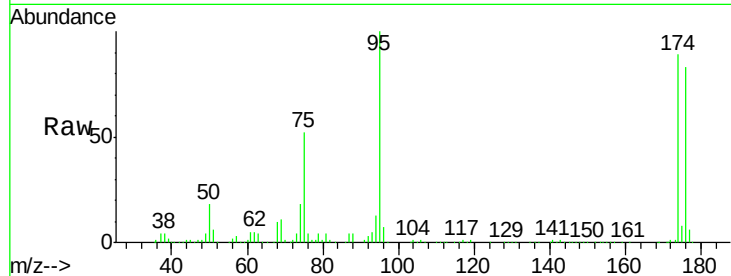




#62
 4-Bromofluorobenzene
 Concen: 45.948 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011457.D
 Acq: 12 Aug 2019 02:21

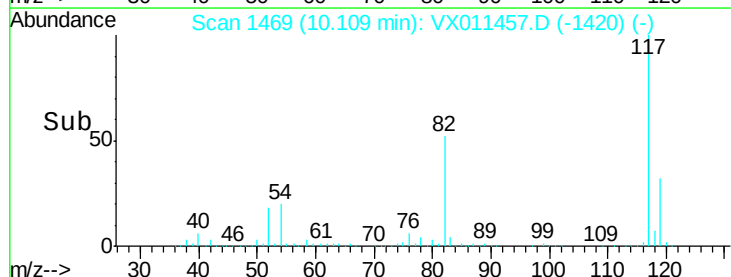
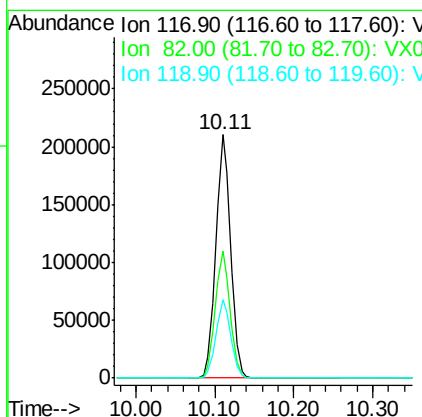
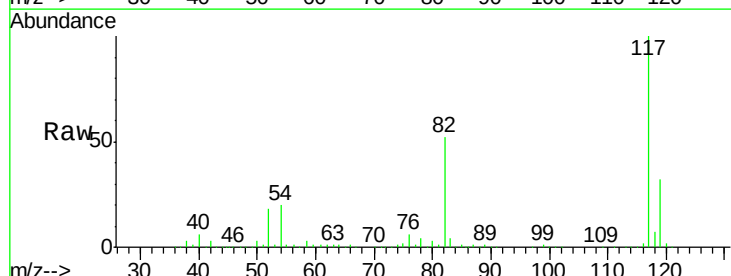
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-20

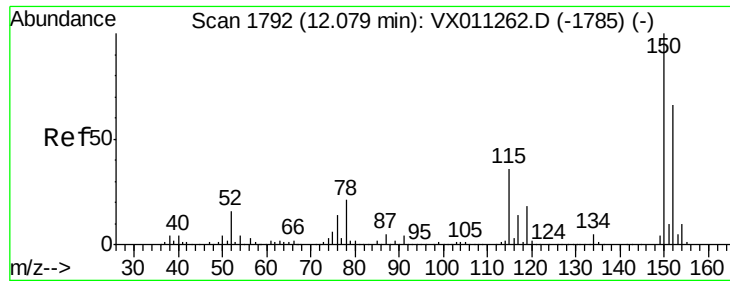
Tot Ion: 95 Resp: 119939
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 191.2
 176 85.2 0.0 184.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX011457.D
 Acq: 12 Aug 2019 02:21

Tgt Ion: 117 Resp: 276724
 Ion Ratio Lower Upper
 117 100
 82 52.3 42.2 63.2
 119 32.2 26.6 39.8



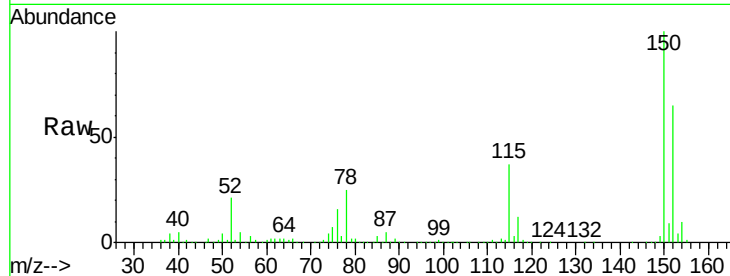


#72

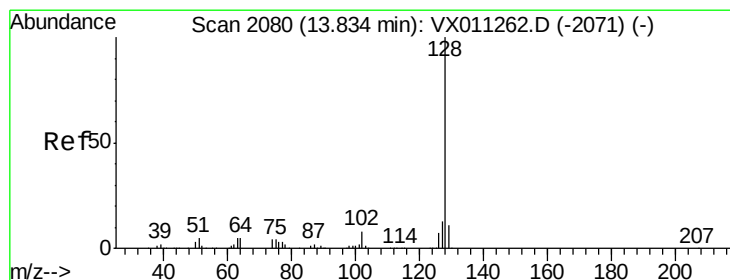
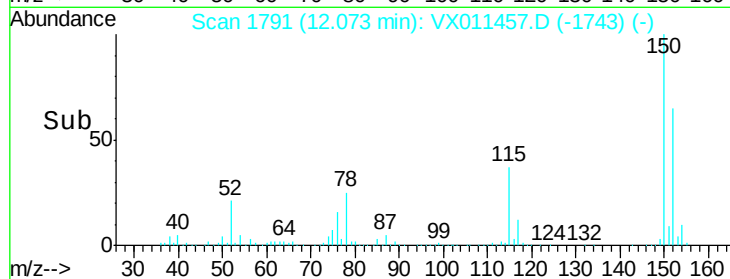
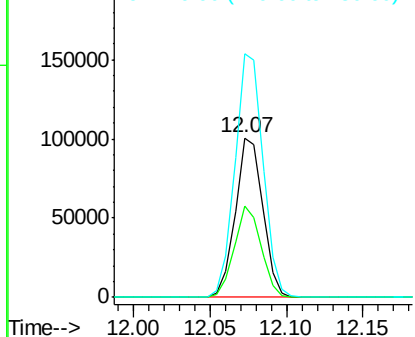
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011457.D
Acq: 12 Aug 2019 02:21

Instrument :
MSVOA_X
ClientSampled :
TP-20

Tot Ion:152 Resp: 125271
Ion Ratio Lower Upper
152 100
115 55.7 40.0 119.9
150 156.3 0.0 350.4



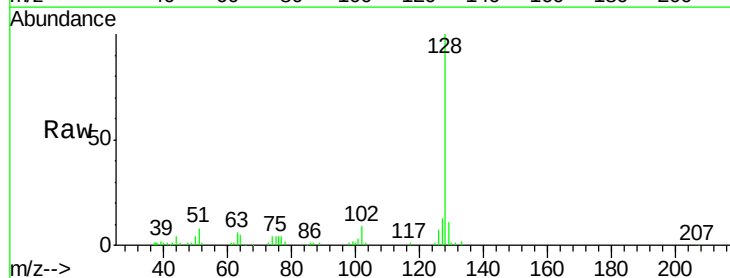
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.886 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011457.D
Acq: 12 Aug 2019 02:21

Tgt Ion:128 Resp: 15425
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 12.6 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

