

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012029.D
 Acq On : 03 Sep 2019 18:30
 Operator : SY/SP
 Sample : K4525-17
 Misc : 5.32g/5.0mL/MSVOA X/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-B3-(1.9)

Quant Time: Sep 04 04:31:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

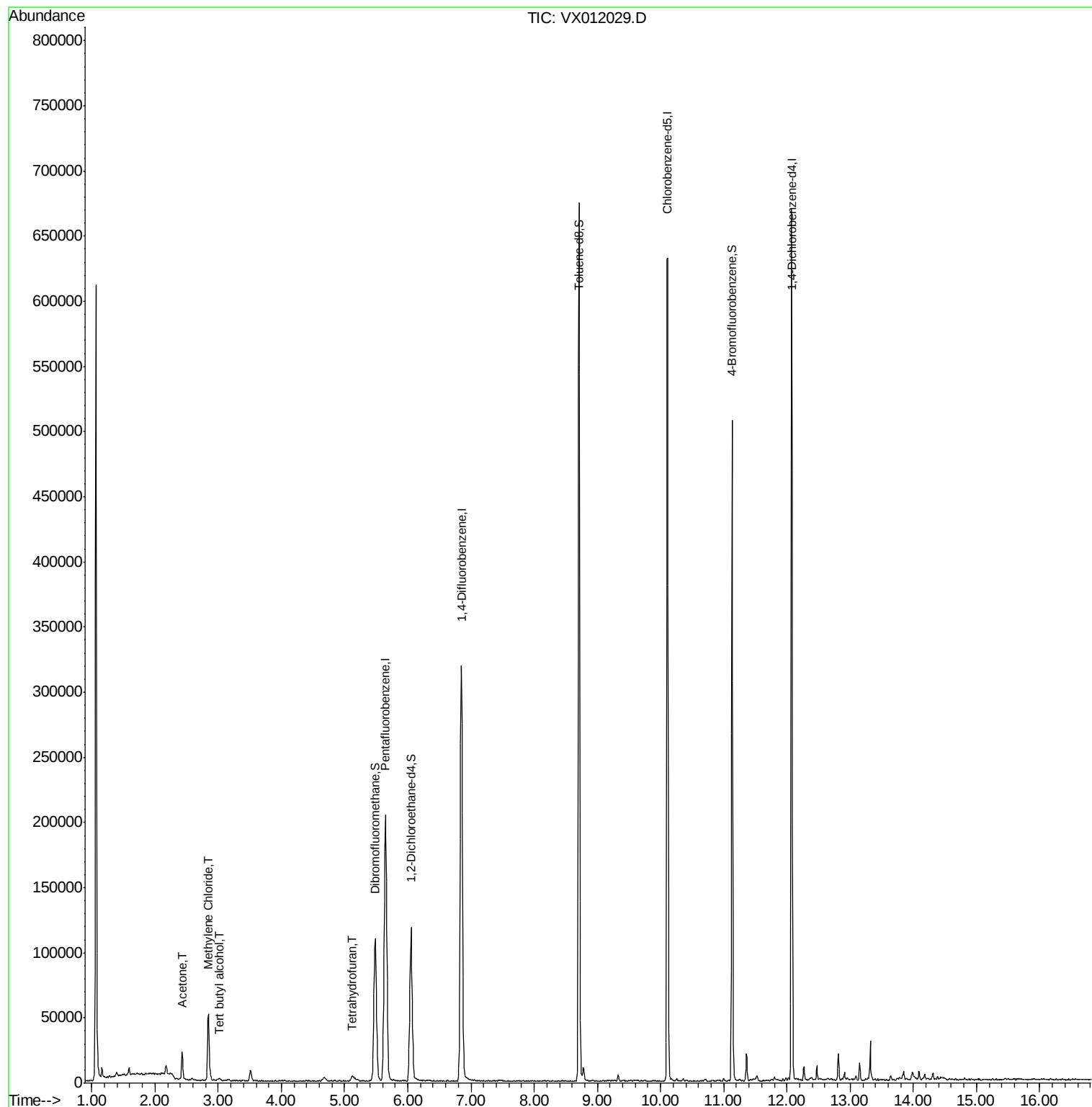
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	176158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	312246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	115872	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
35) Dibromofluoromethane	5.48	113	93043	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	372713	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.14	95	146743	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
Target Compounds						
11) Tert butyl alcohol	3.02	59	1863	7.980	ug/l	100
16) Acetone	2.43	43	21350	36.749	ug/l	96
20) Methylene Chloride	2.84	84	24708	10.591	ug/l	95
29) Tetrahydrofuran	5.12	42	4182	9.386	ug/l #	91

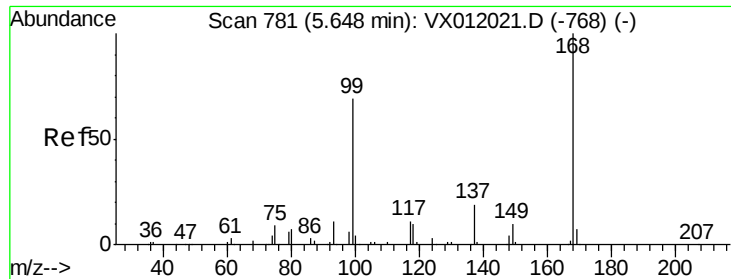
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012029.D

Acq: 03 Sep 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

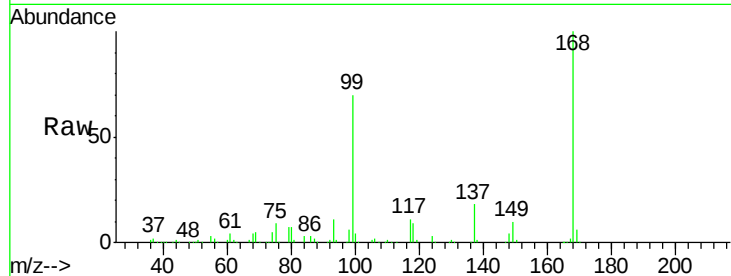
T9-12-13-B3-(1.9)

Tot Ion:168 Resp: 176158

Ion Ratio Lower Upper

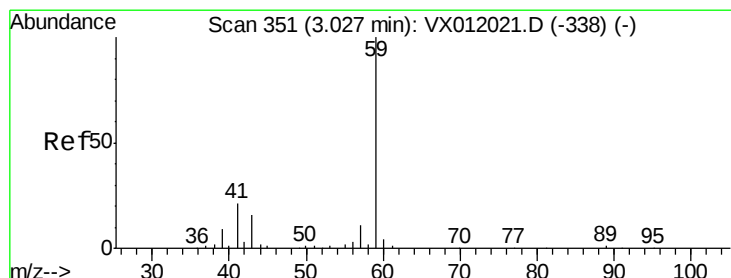
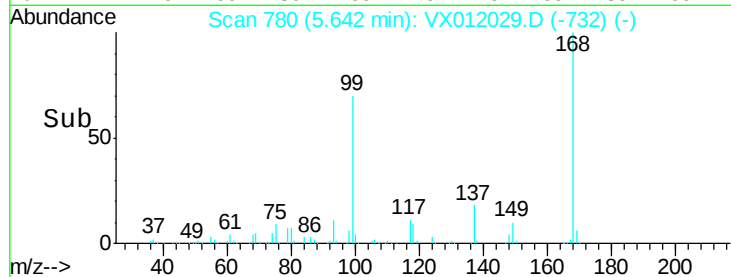
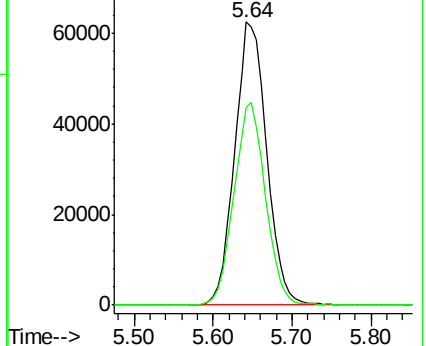
168 100

99 70.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 7.980 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX012029.D

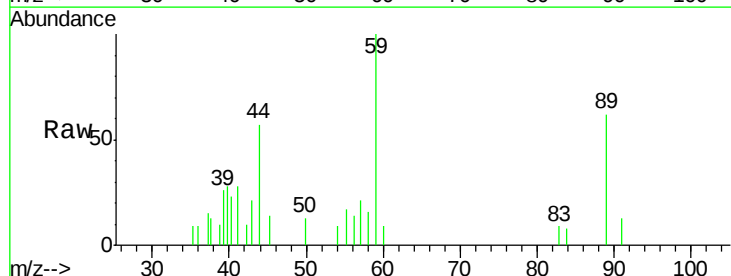
Acq: 03 Sep 2019 18:30

Tgt Ion: 59 Resp: 1863

Ion Ratio Lower Upper

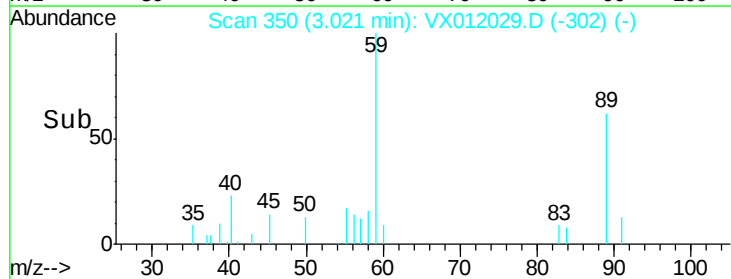
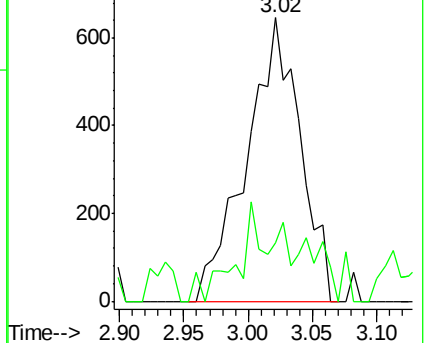
59 100

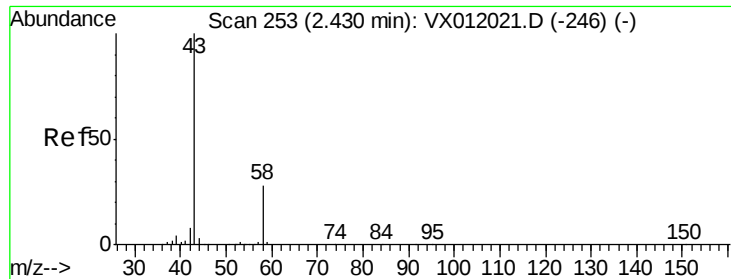
57 9.8 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 36.749 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012029.D

Acq: 03 Sep 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

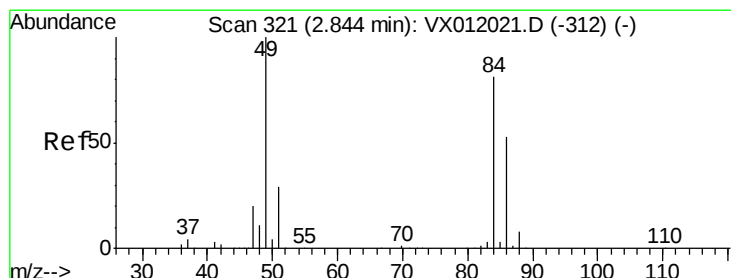
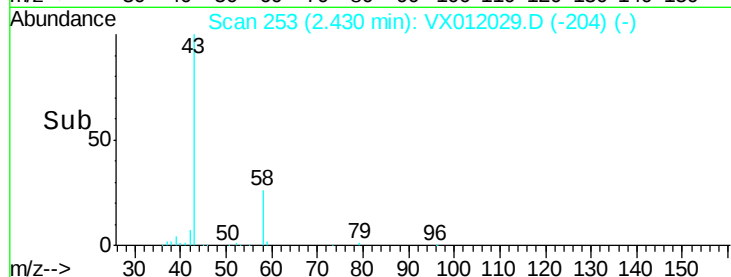
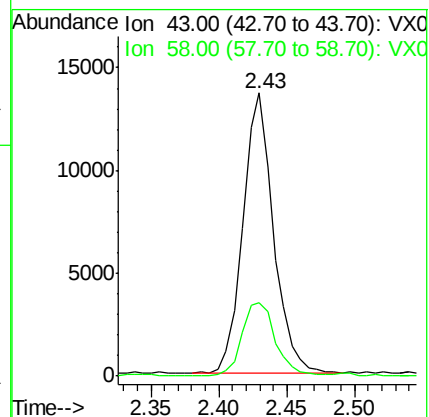
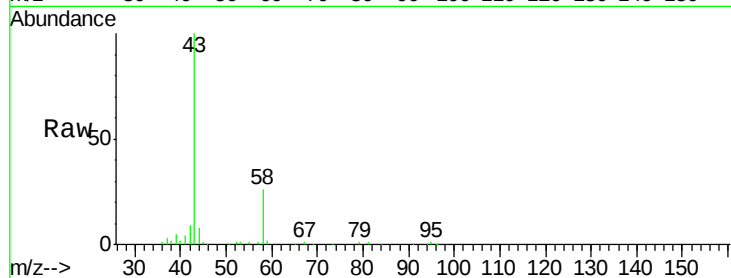
T9-12-13-B3-(1.9)

Tot Ion: 43 Resp: 21350

Ion Ratio Lower Upper

43 100

58 26.2 22.8 34.2



#20

Methylene Chloride

Concen: 10.591 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012029.D

Acq: 03 Sep 2019 18:30

Tgt Ion: 84 Resp: 24708

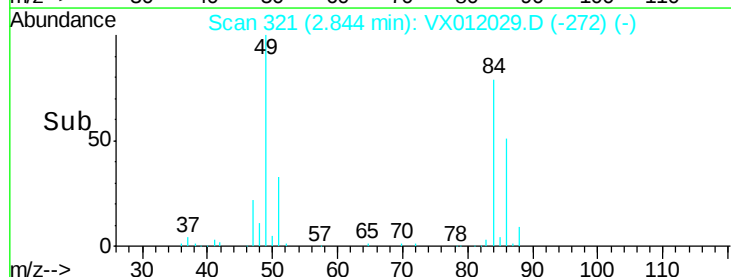
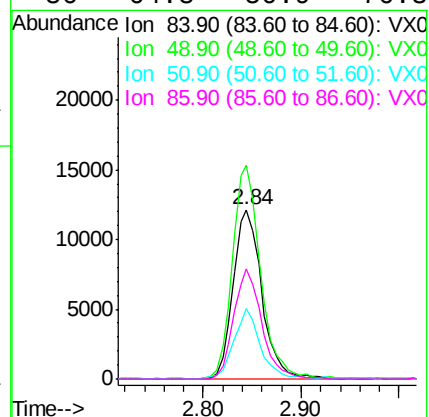
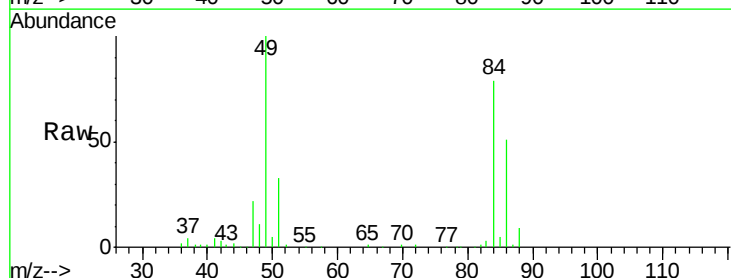
Ion Ratio Lower Upper

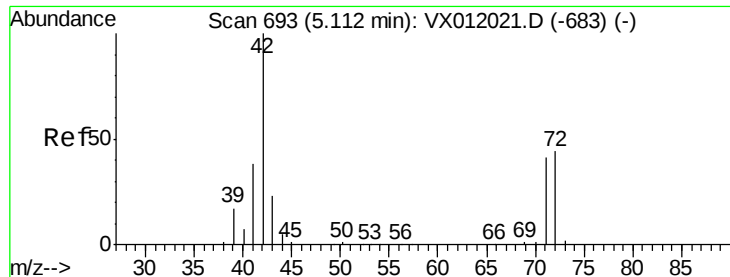
84 100

49 126.2 95.8 143.8

51 41.8 28.6 43.0

86 64.8 50.9 76.3

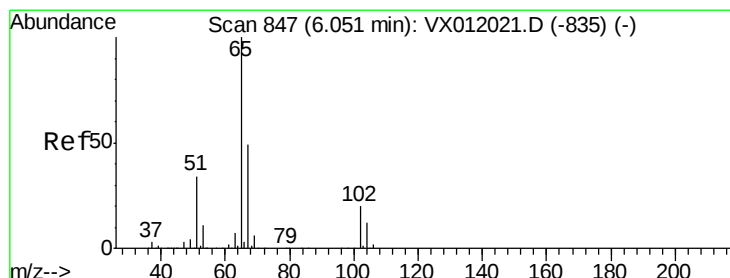
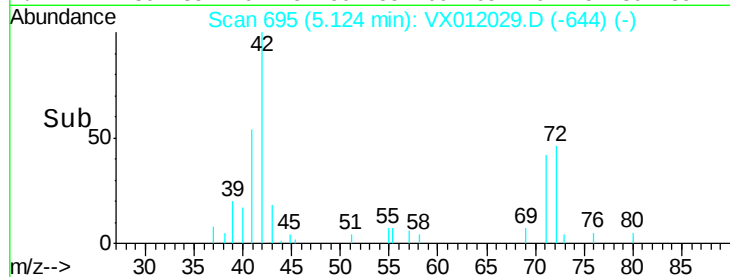
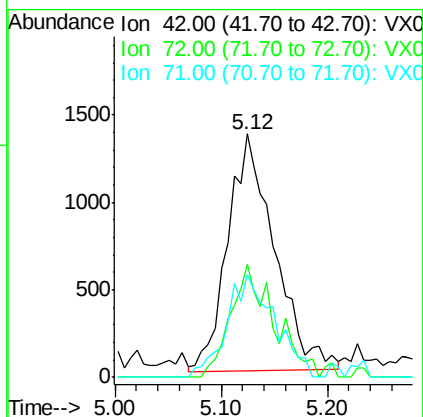
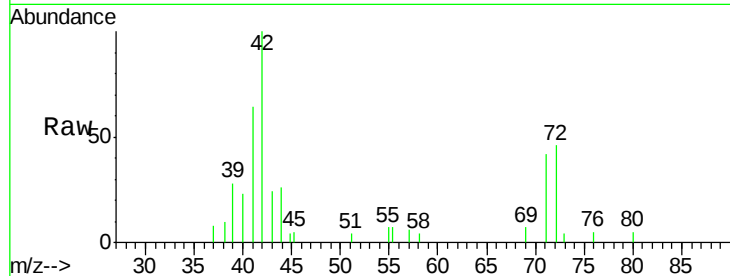




#29
Tetrahydrofuran
Concen: 9.386 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

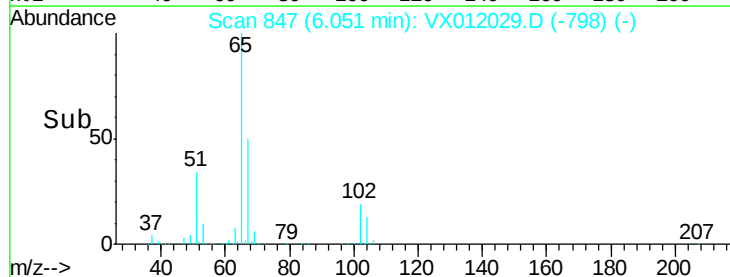
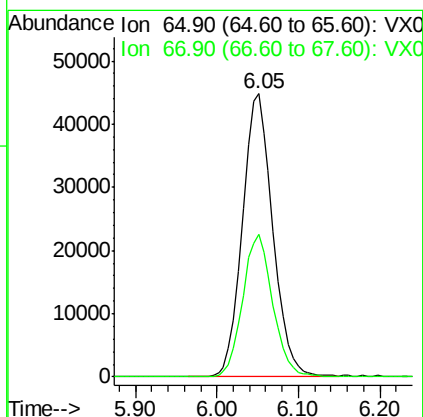
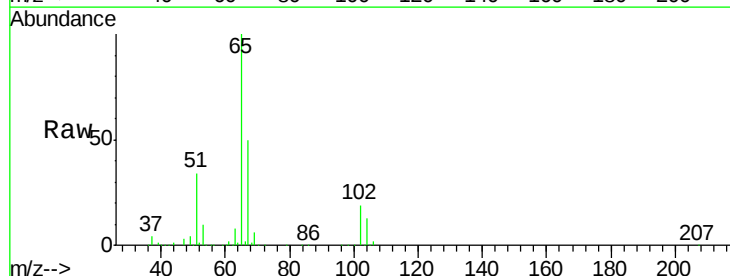
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B3-(1.9)

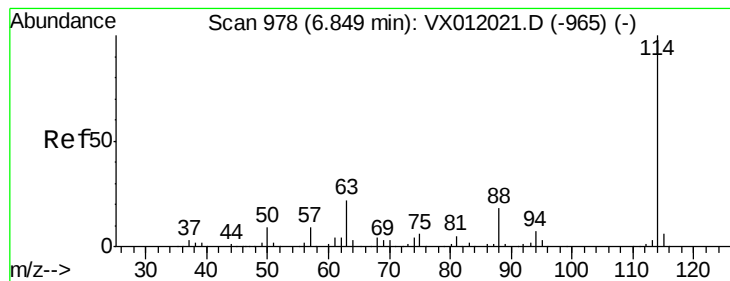
Tot Ion: 42 Resp: 4182
Ion Ratio Lower Upper
42 100
72 36.6 37.0 55.4#
71 43.9 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 47.672 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

Tgt Ion: 65 Resp: 115872
Ion Ratio Lower Upper
65 100
67 49.9 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012029.D

Acq: 03 Sep 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-B3-(1.9)

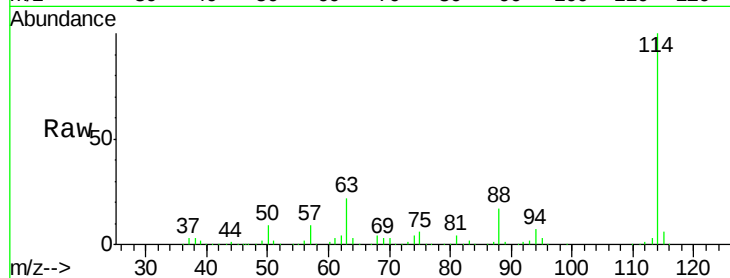
Tot Ion:114 Resp: 312246

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.4

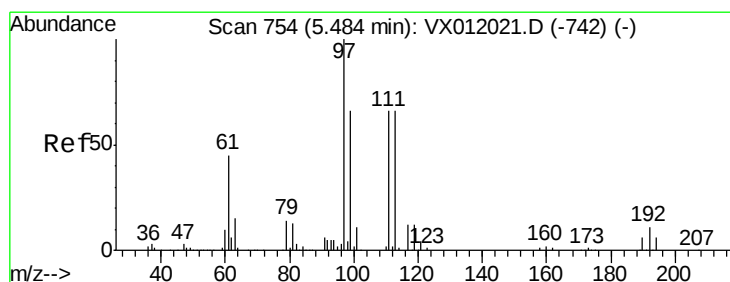
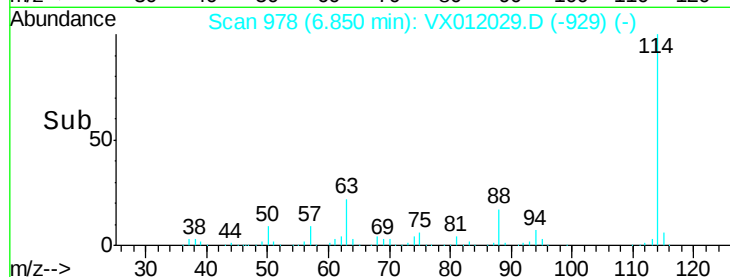
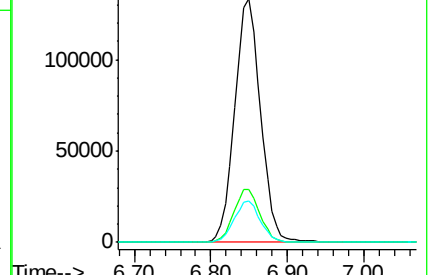
88 16.8 0.0 29.6



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: 48.454 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012029.D

Acq: 03 Sep 2019 18:30

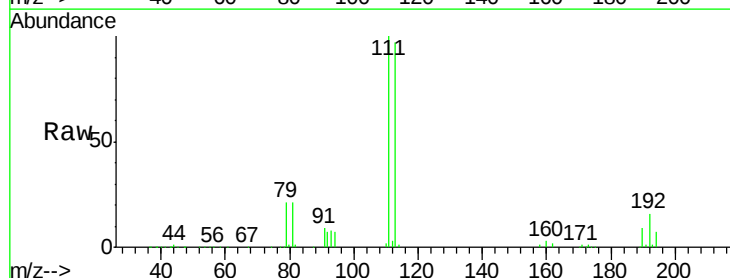
Tgt Ion:113 Resp: 93043

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

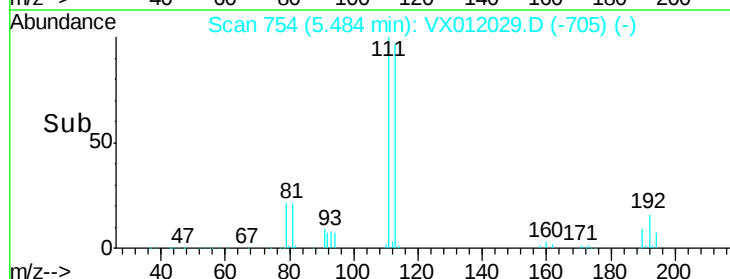
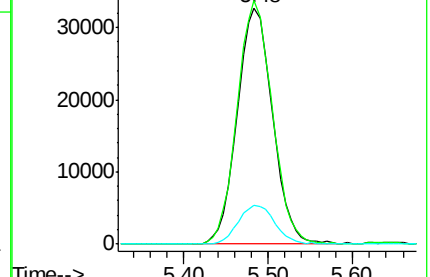
192 17.0 22.5 33.7#

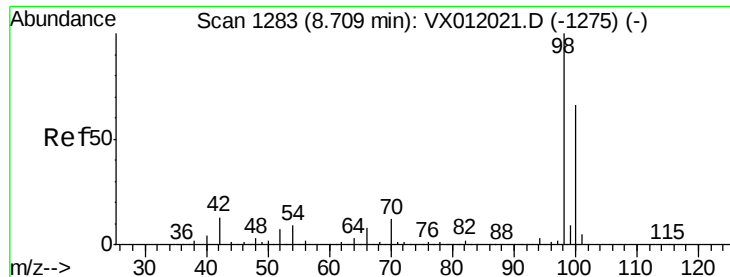


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.895 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012029.D

Acq: 03 Sep 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

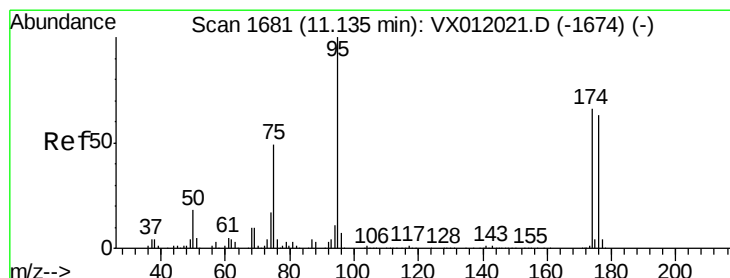
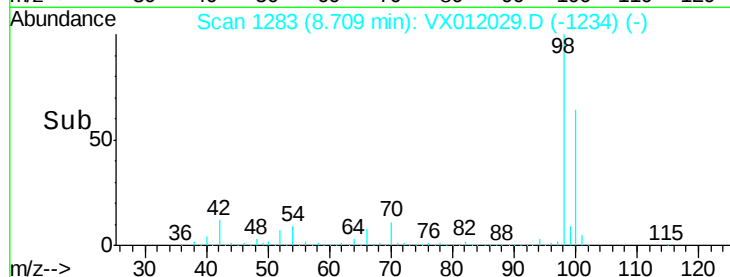
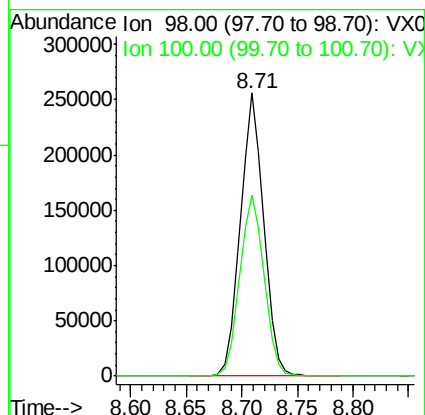
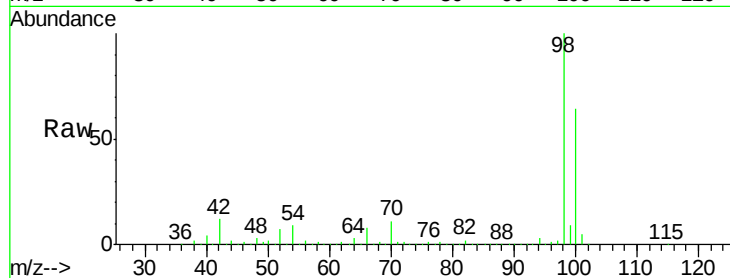
T9-12-13-B3-(1.9)

Tot Ion: 98 Resp: 372713

Ion Ratio Lower Upper

98 100

100 66.5 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 44.780 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012029.D

Acq: 03 Sep 2019 18:30

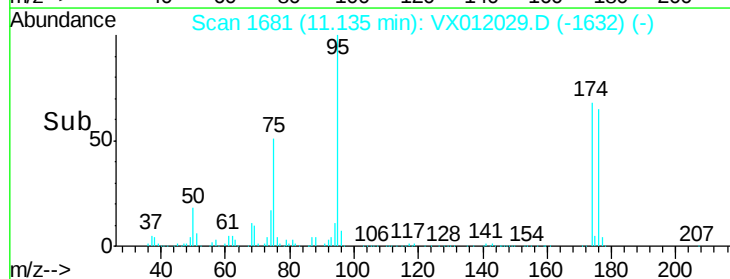
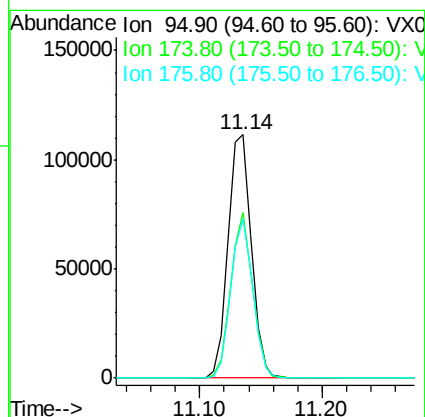
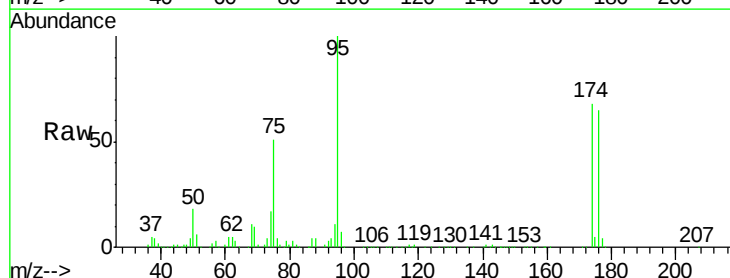
Tgt Ion: 95 Resp: 146743

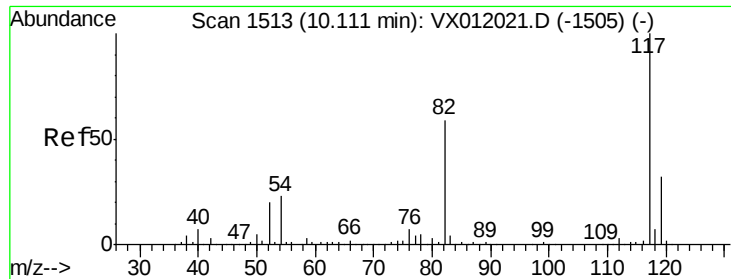
Ion Ratio Lower Upper

95 100

174 63.3 0.0 205.4

176 61.6 0.0 201.8

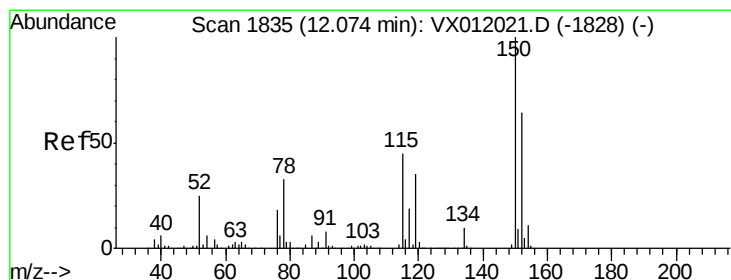
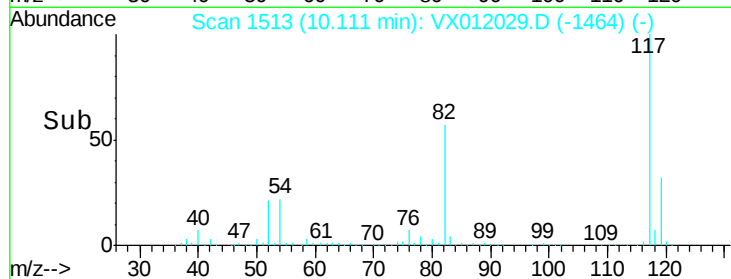
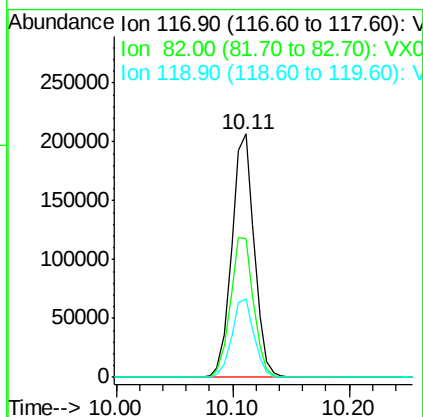
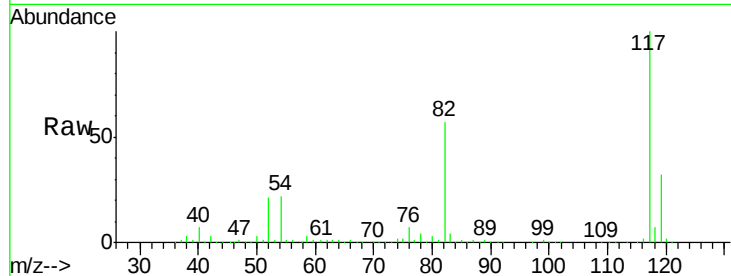




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B3-(1.9)

Tot Ion:117 Resp: 277454
Ion Ratio Lower Upper
117 100
82 56.8 39.4 59.0
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

Tgt Ion:152 Resp: 122834
Ion Ratio Lower Upper
152 100
115 66.4 36.4 109.3
150 154.7 0.0 341.2

