

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012149.D
 Acq On : 06 Sep 2019 15:42
 Operator : SY/SP
 Sample : K4601-06
 Misc : 5.15g/5.0mL/MSVOA X/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E1-(2.7)

Quant Time: Sep 07 01:33:35 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

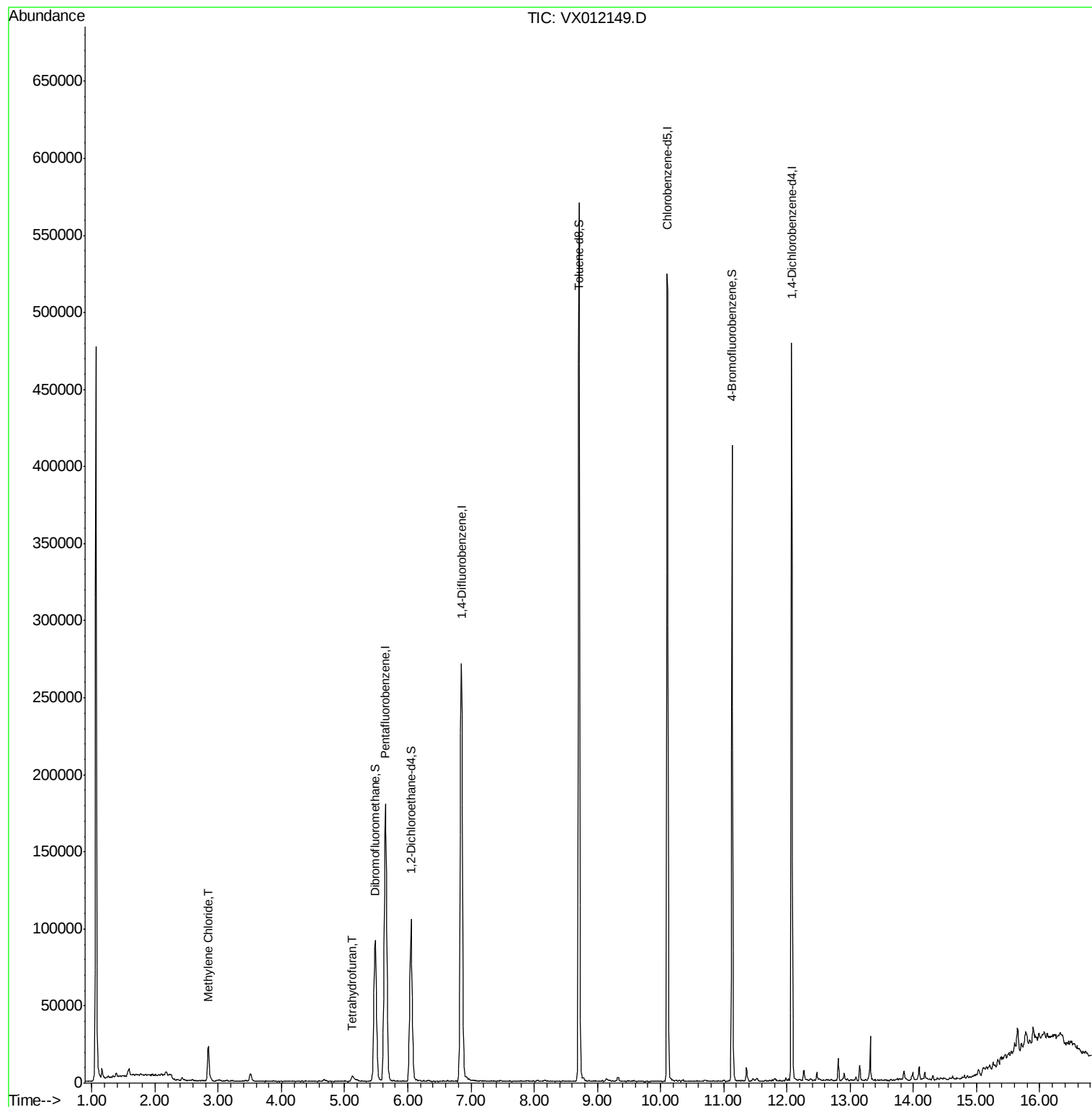
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	151207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	223813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	105461	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	5.48	113	78677	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	8.71	98	308042	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.13	95	119370	42.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.68%	
Target Compounds						
20) Methylene Chloride	2.84	84	10860	5.423	ug/l	94
29) Tetrahydrofuran	5.12	42	3592	9.392	ug/l #	63

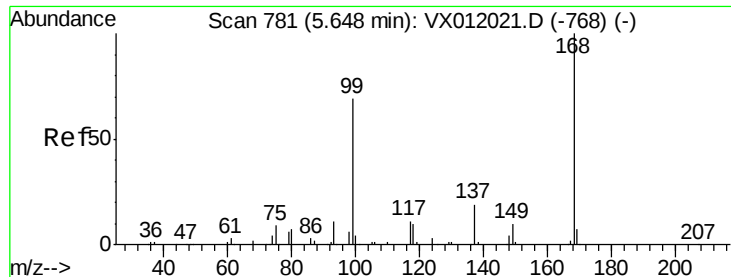
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012149.D

Acq: 06 Sep 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

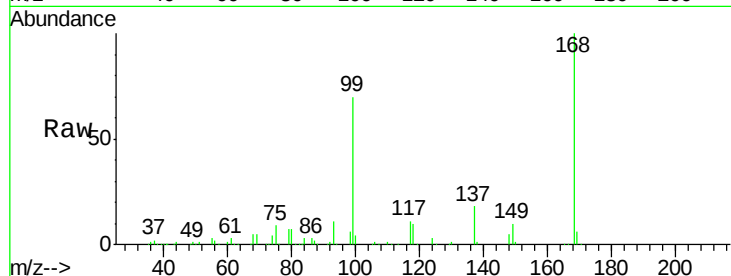
T12-E1-(2.7)

Tot Ion:168 Resp: 151207

Ion Ratio Lower Upper

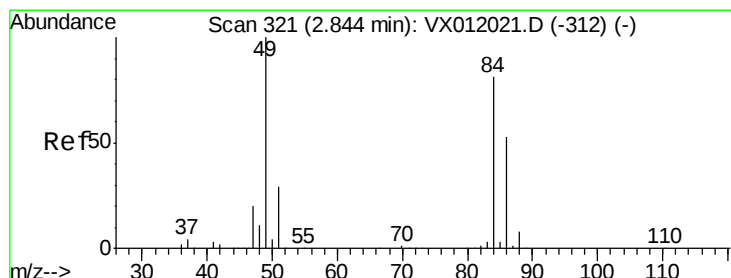
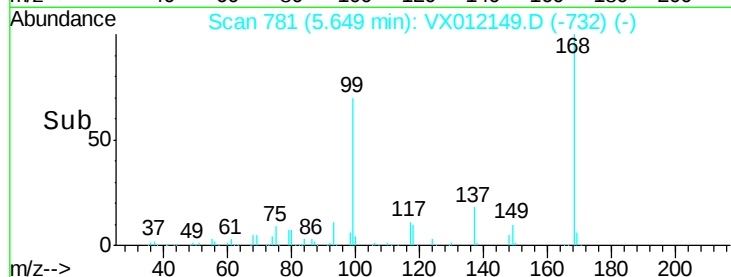
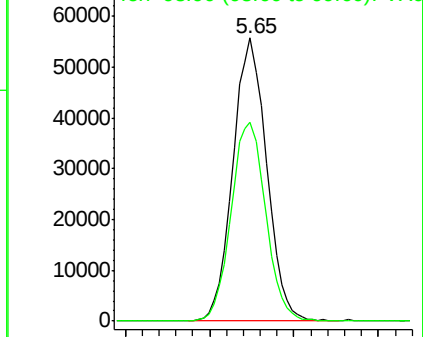
168 100

99 70.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 5.423 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012149.D

Acq: 06 Sep 2019 15:42

Tgt Ion: 84 Resp: 10860

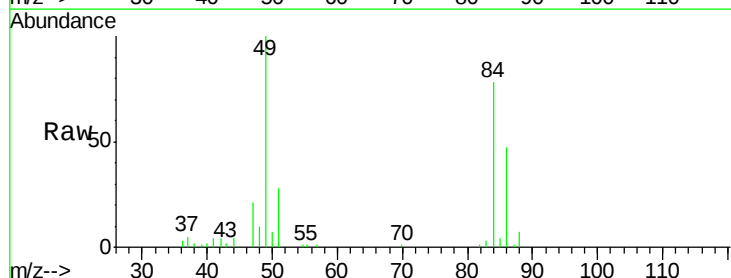
Ion Ratio Lower Upper

84 100

49 128.9 95.8 143.8

51 36.1 28.6 43.0

86 60.3 50.9 76.3

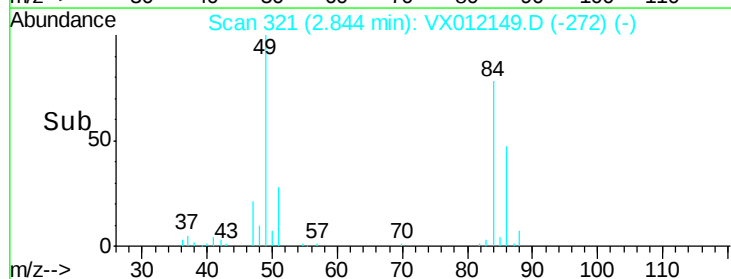
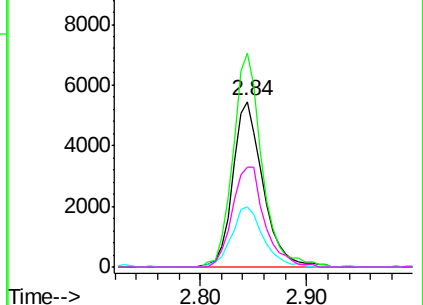


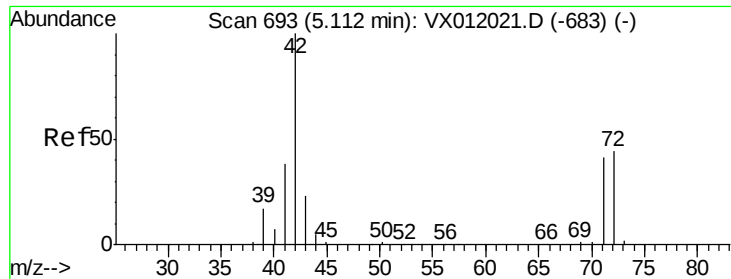
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#29

Tetrahydrofuran

Concen: 9.392 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012149.D

Acq: 06 Sep 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

T12-E1-(2.7)

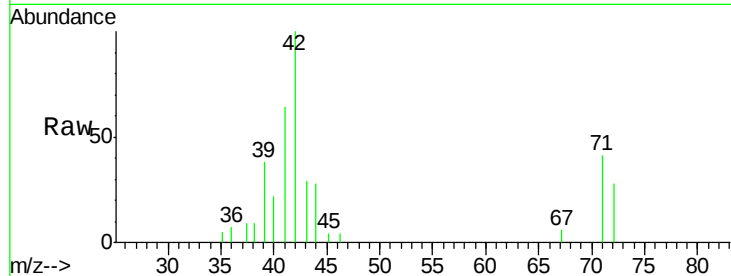
Tot Ion: 42 Resp: 3592

Ion Ratio Lower Upper

42 100

72 19.1 37.0 55.4#

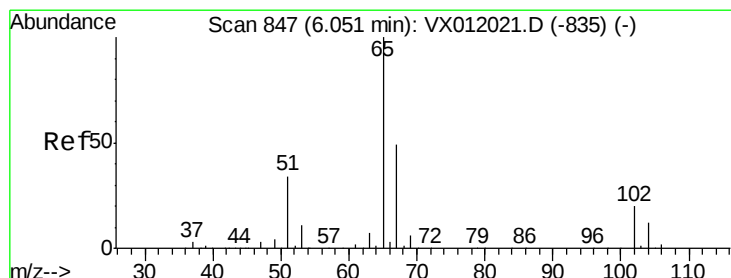
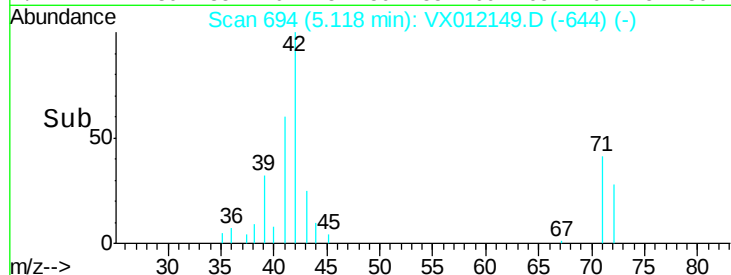
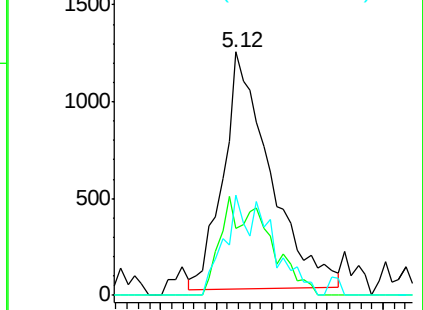
71 21.0 33.8 50.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.548 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012149.D

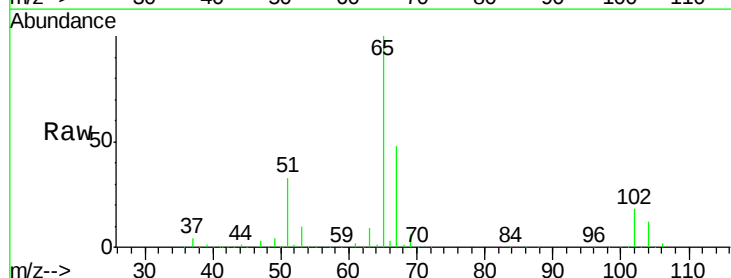
Acq: 06 Sep 2019 15:42

Tgt Ion: 65 Resp: 105461

Ion Ratio Lower Upper

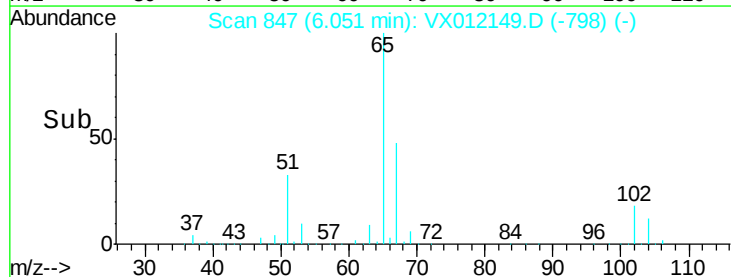
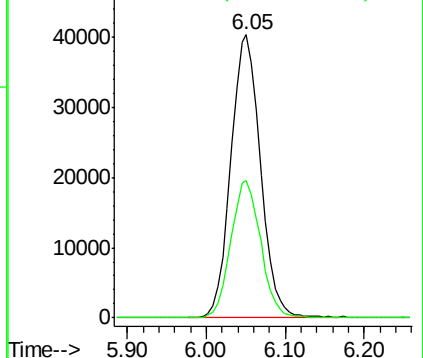
65 100

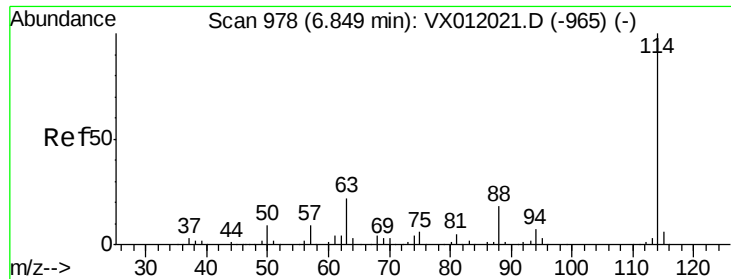
67 49.0 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

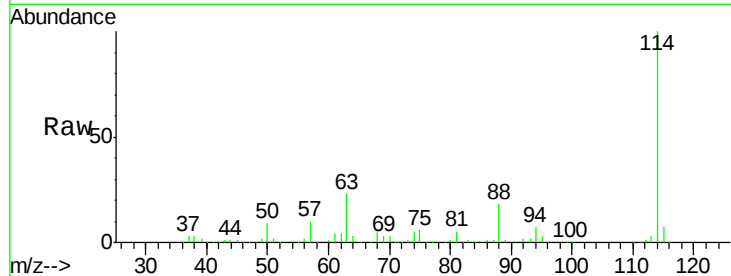




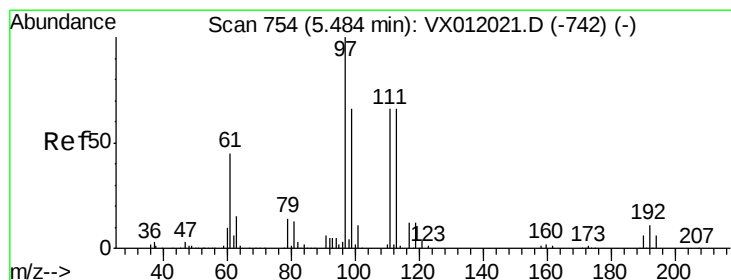
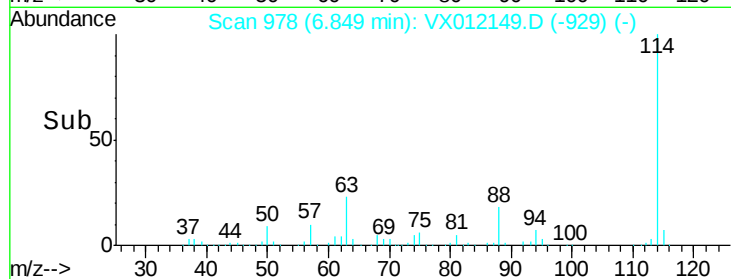
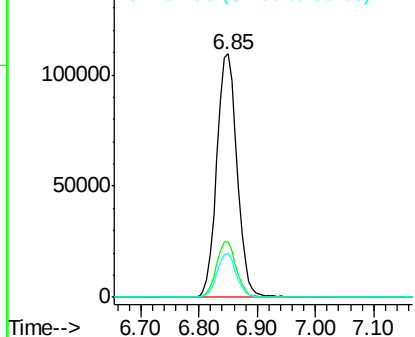
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012149.D
 Acq: 06 Sep 2019 15:42

Instrument :
 MSVOA_X
 ClientSampled :
 T12-E1-(2.7)

Tot Ion:114 Resp: 265504
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 37.4
 88 17.8 0.0 29.6

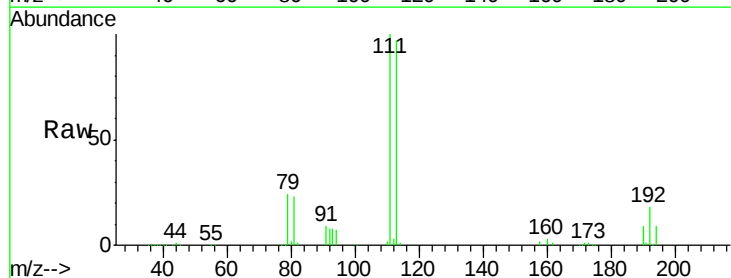


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

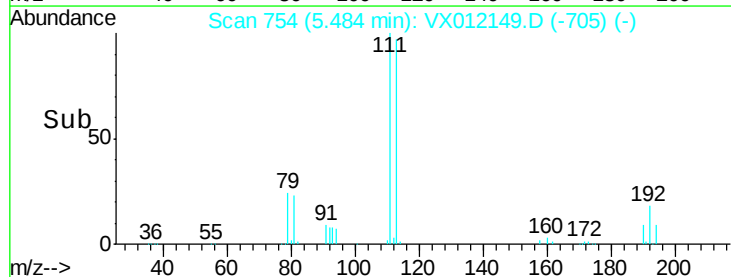
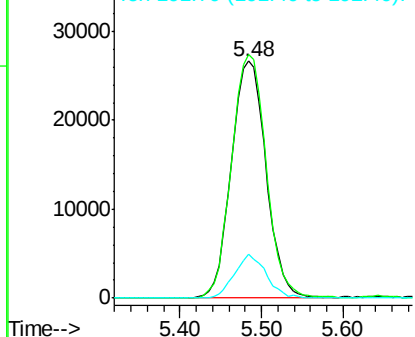


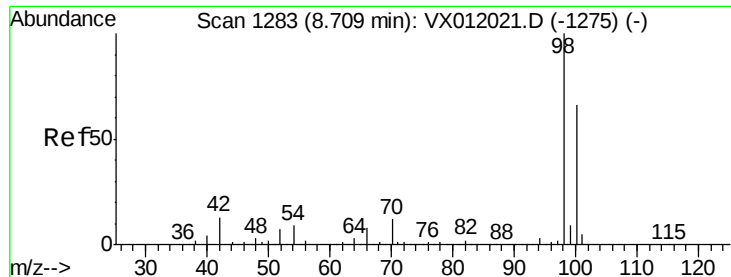
#35
 Dibromofluoromethane
 Concen: 48.186 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012149.D
 Acq: 06 Sep 2019 15:42

Tgt Ion:113 Resp: 78677
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.7 122.5
 192 16.9 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

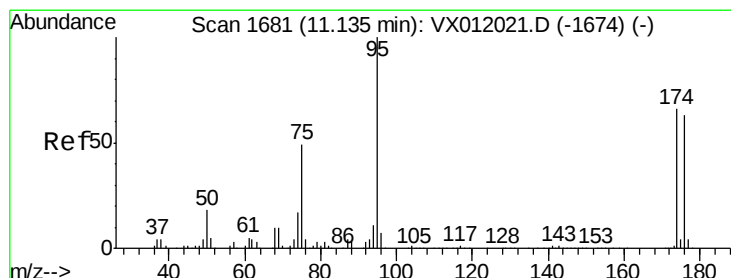
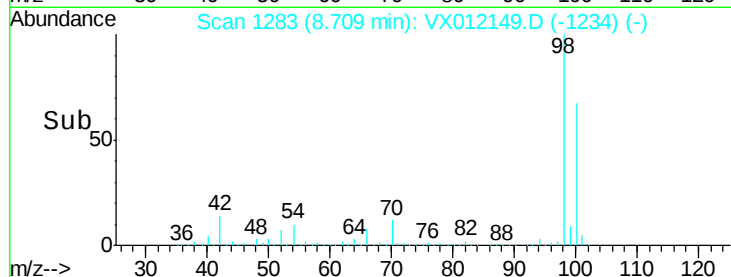
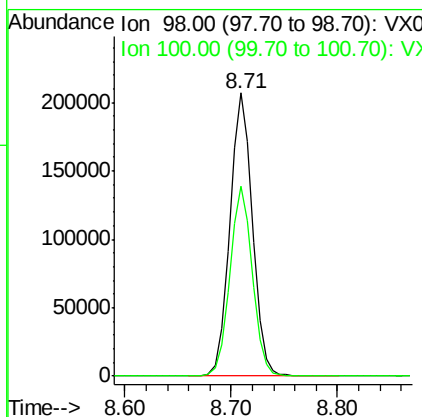
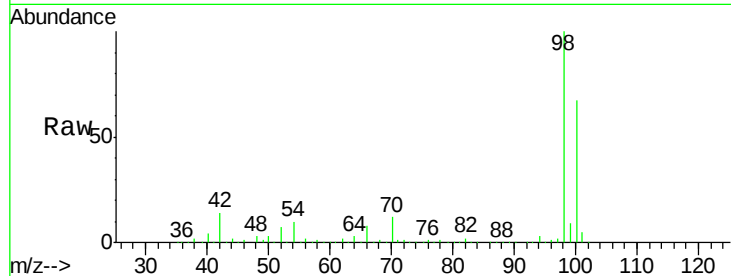




#50
Toluene-d8
Concen: 51.413 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012149.D
Acq: 06 Sep 2019 15:42

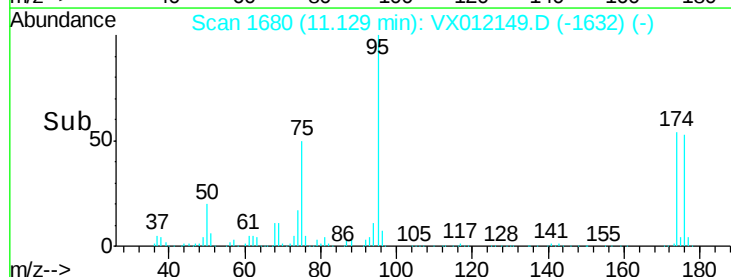
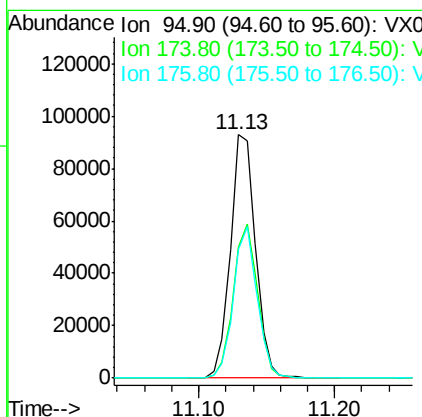
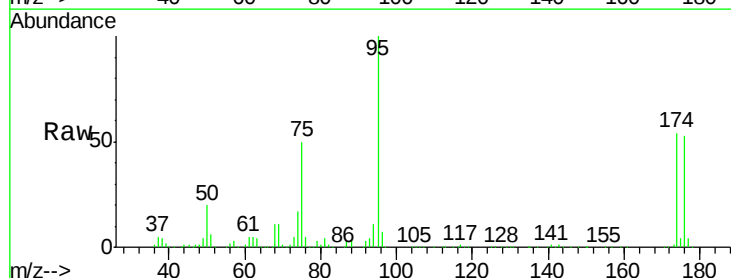
Instrument :
MSVOA_X
ClientSampleId :
T12-E1-(2.7)

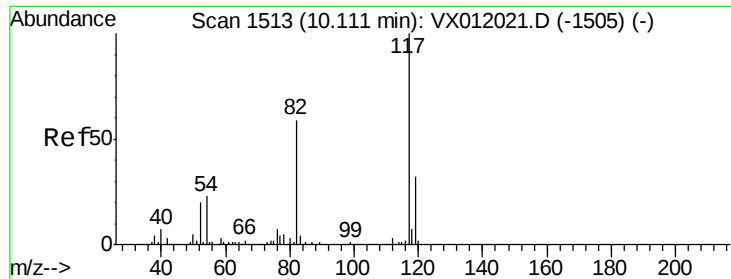
Tot Ion: 98 Resp: 308042
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 42.840 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012149.D
Acq: 06 Sep 2019 15:42

Tgt Ion: 95 Resp: 119370
Ion Ratio Lower Upper
95 100
174 61.5 0.0 205.4
176 59.0 0.0 201.8

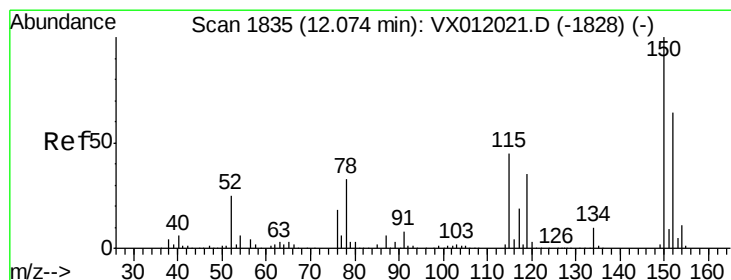
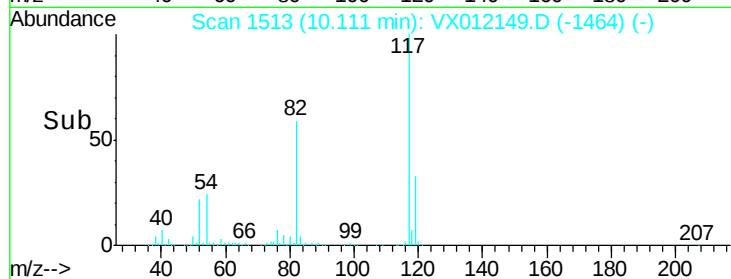
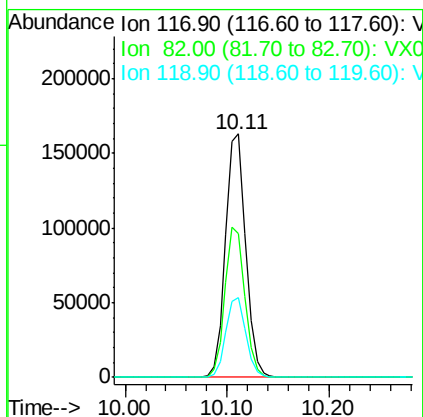
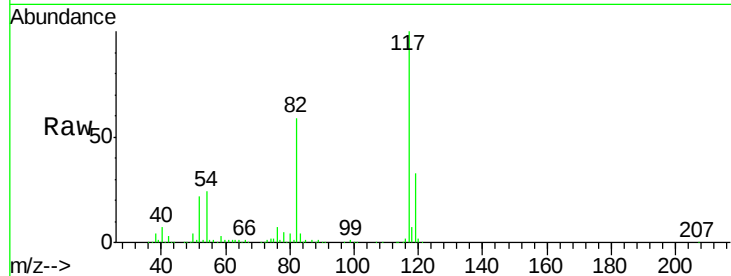




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012149.D
Acq: 06 Sep 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :
T12-E1-(2.7)

Tot Ion:117 Resp: 223813
Ion Ratio Lower Upper
117 100
82 58.9 39.4 59.0
119 32.7 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: VX012149.D
Acq: 06 Sep 2019 15:42

Tgt Ion:152 Resp: 88753
Ion Ratio Lower Upper
152 100
115 65.3 36.4 109.3
150 155.1 0.0 341.2

