

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011949.D
 Acq On : 31 Aug 2019 14:27
 Operator : SY/SP
 Sample : K4516-13
 Misc : 6.69g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B3-(0)

Quant Time: Sep 01 02:33:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

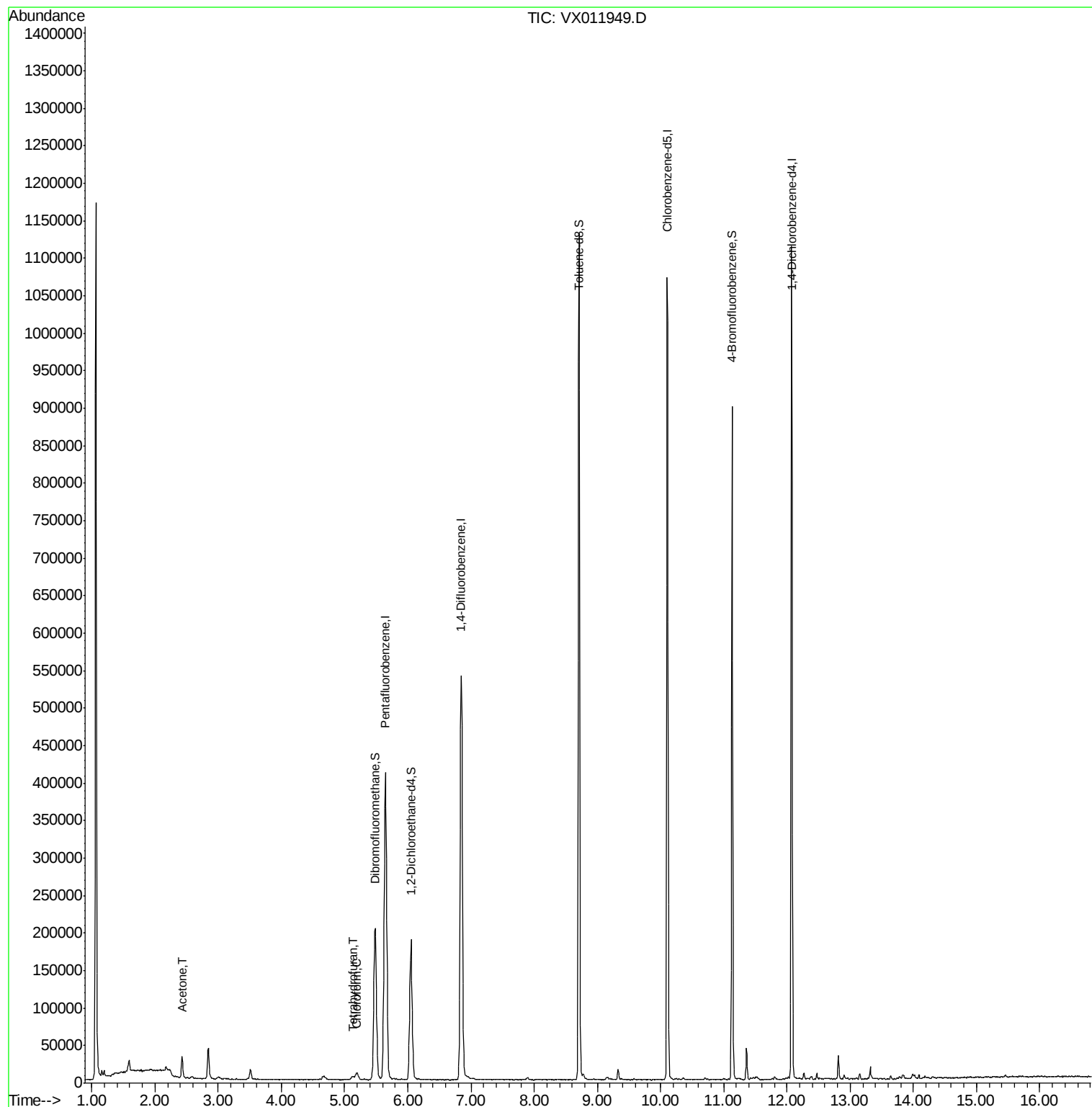
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	433195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	576786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	495453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	242171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	181191	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.32%	
35) Dibromofluoromethane	5.48	113	166901	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
50) Toluene-d8	8.71	98	652193	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.14	95	226464	39.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.10%	
Target Compounds						
16) Acetone	2.43	43	30714	34.394	ug/l	99
29) Tetrahydrofuran	5.12	42	4349	5.357	ug/l #	81
30) Chloroform	5.19	83	10660	1.552	ug/l	95

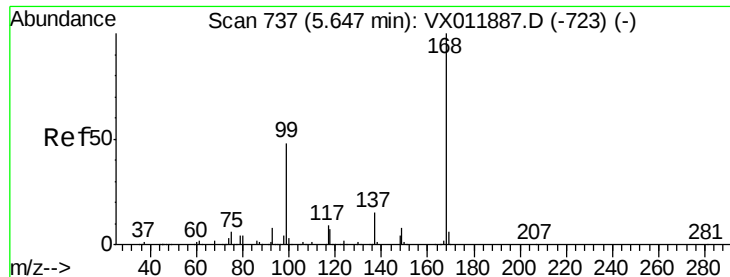
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.00 min

Lab File: VX011949.D

Acq: 31 Aug 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

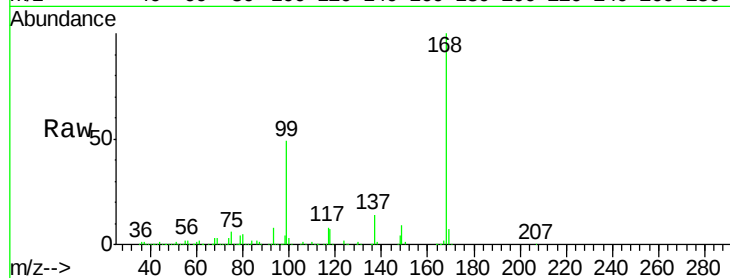
T2-S-B3-(0)

Tot Ion:168 Resp: 433195

Ion Ratio Lower Upper

168 100

99 48.5 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

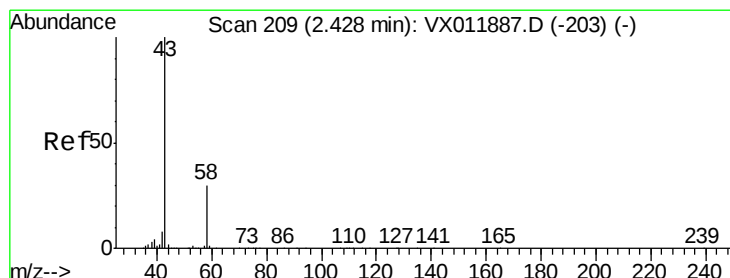
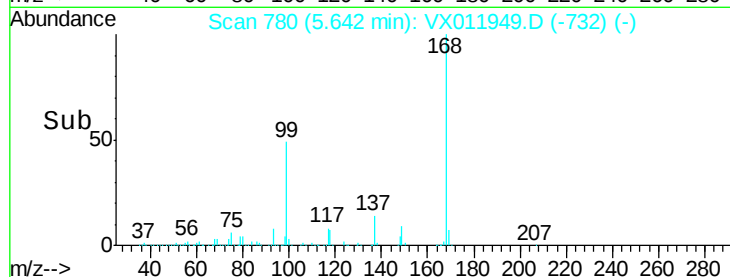
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 34.394 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011949.D

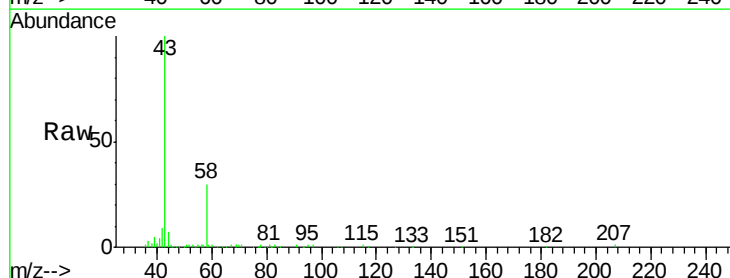
Acq: 31 Aug 2019 14:27

Tgt Ion: 43 Resp: 30714

Ion Ratio Lower Upper

43 100

58 30.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

20000

15000

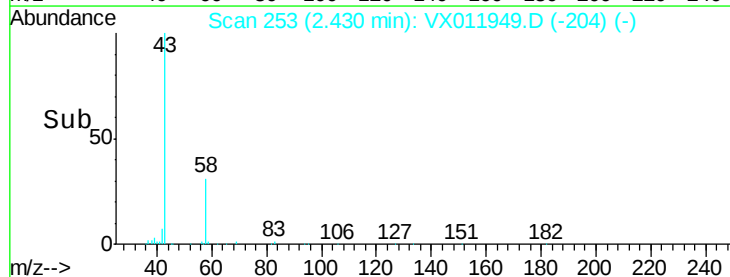
10000

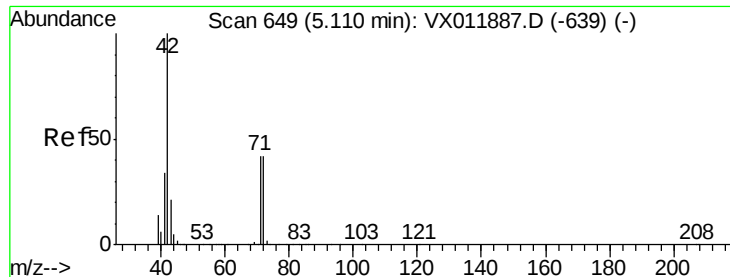
5000

0

Time-->

2.35 2.40 2.45 2.50

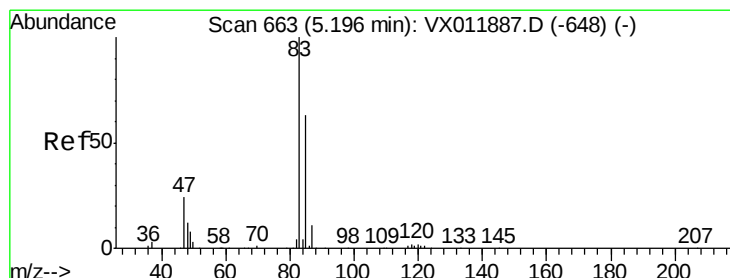
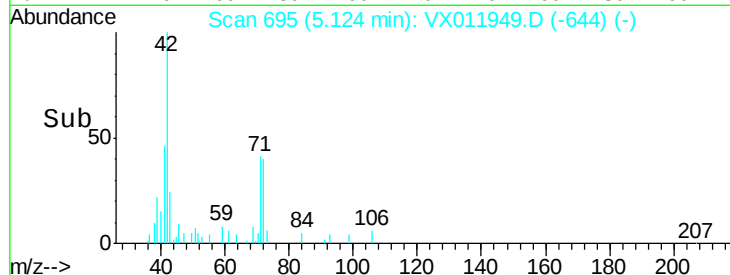
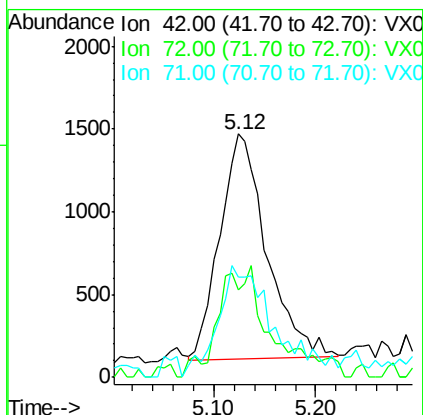
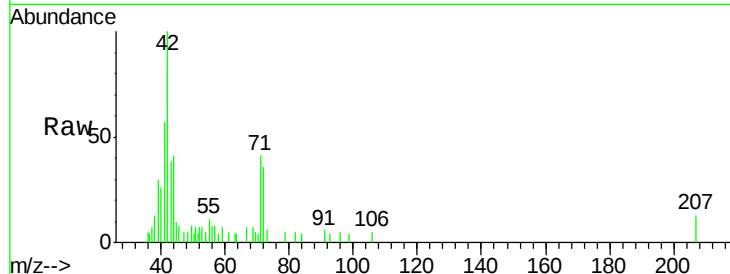




#29
Tetrahydrofuran
Concen: 5.357 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011949.D
Acq: 31 Aug 2019 14:27

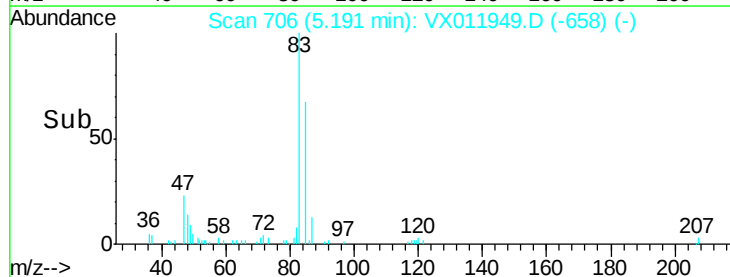
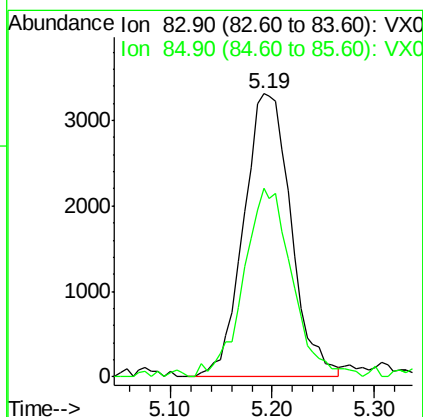
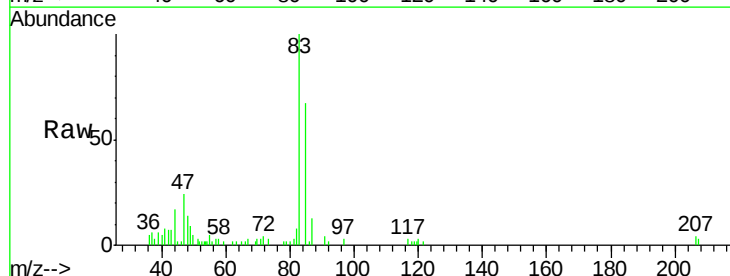
Instrument :
MSVOA_X
ClientSampleId :
T2-S-B3-(0)

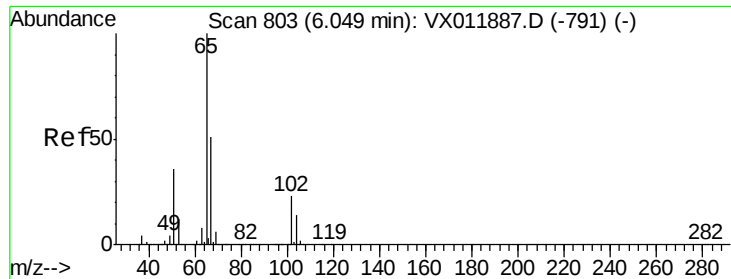
Tot Ion: 42 Resp: 4349
Ion Ratio Lower Upper
42 100
72 52.7 36.2 54.4
71 58.1 33.1 49.7#



#30
Chloroform
Concen: 1.552 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX011949.D
Acq: 31 Aug 2019 14:27

Tgt Ion: 83 Resp: 10660
Ion Ratio Lower Upper
83 100
85 66.7 50.6 75.8

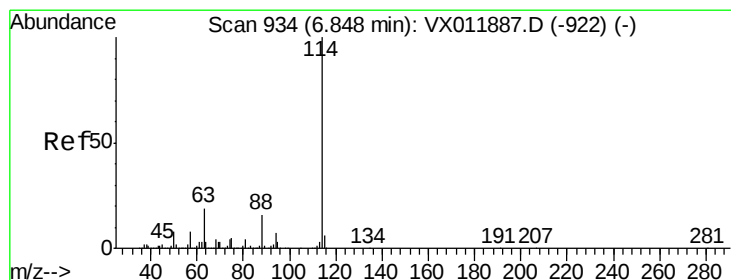
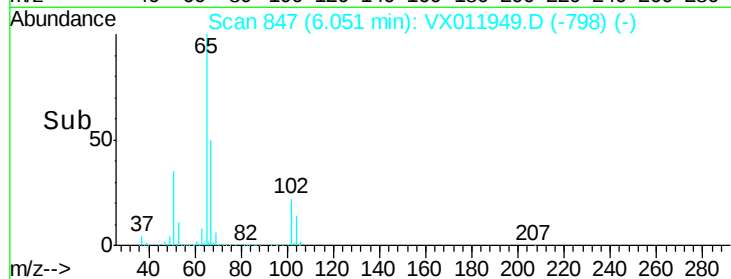
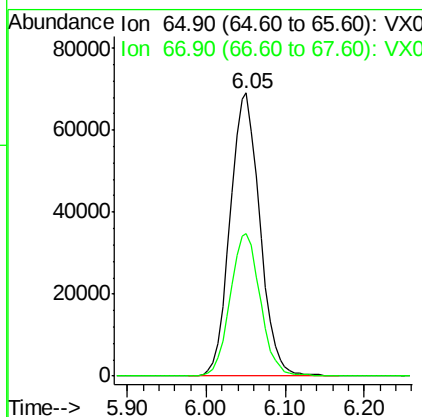
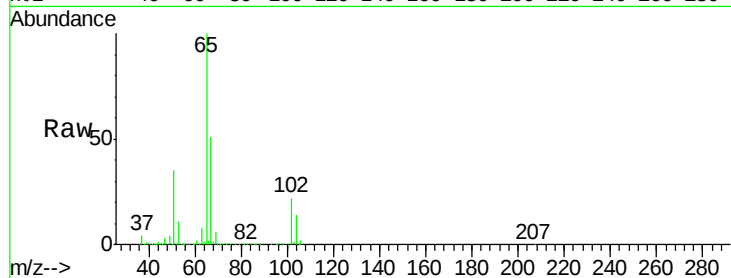




#33
 1,2-Dichloroethane-d4
 Concen: 43.656 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011949.D
 Acq: 31 Aug 2019 14:27

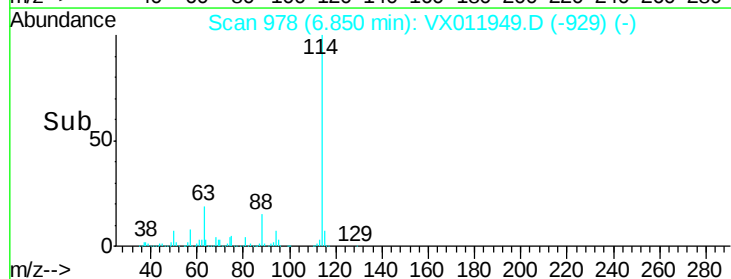
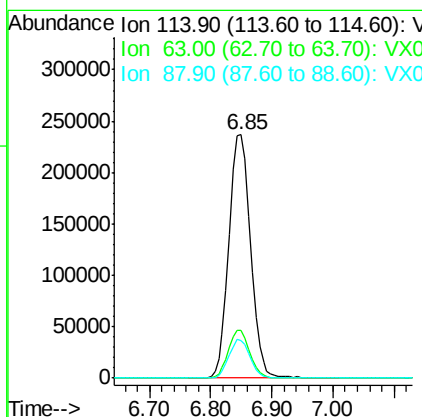
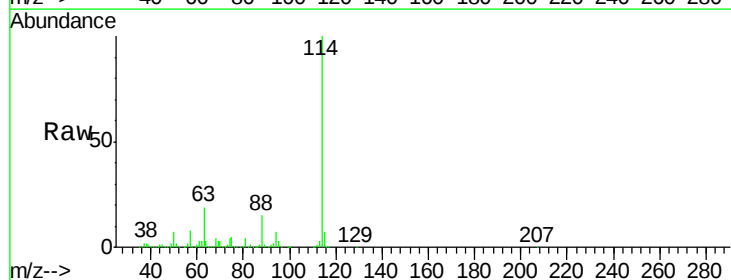
Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B3-(0)

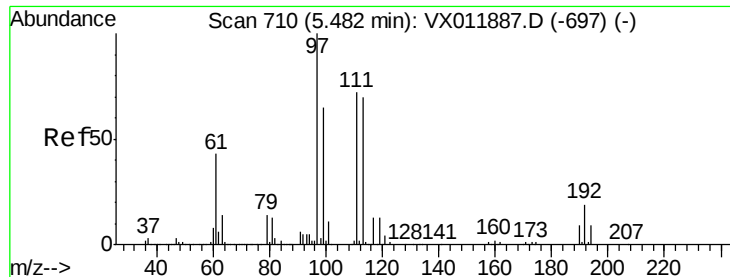
Tot Ion: 65 Resp: 181191
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011949.D
 Acq: 31 Aug 2019 14:27

Tgt Ion: 114 Resp: 576786
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 15.4 0.0 31.2

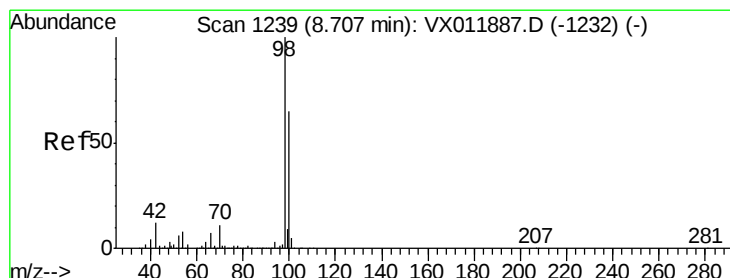
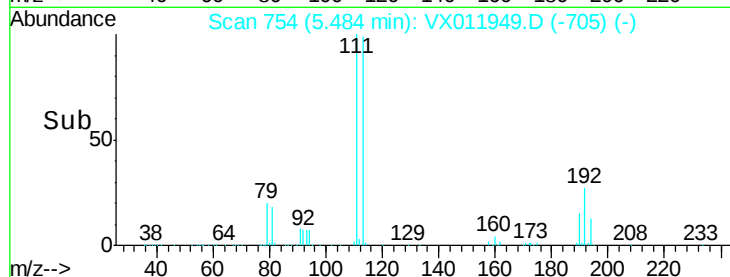
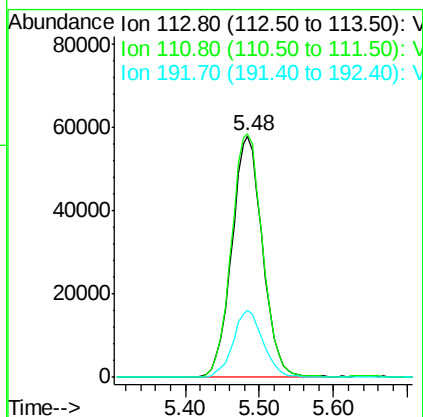
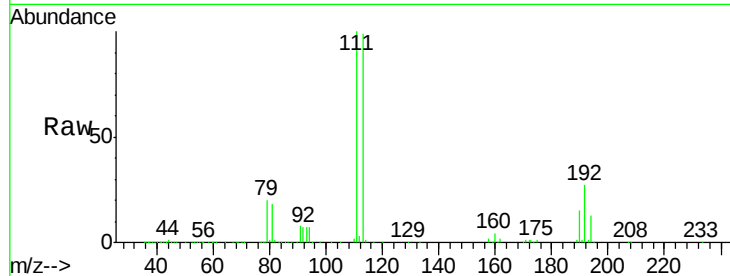




#35
 Dibromofluoromethane
 Concen: 45.126 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011949.D
 Acq: 31 Aug 2019 14:27

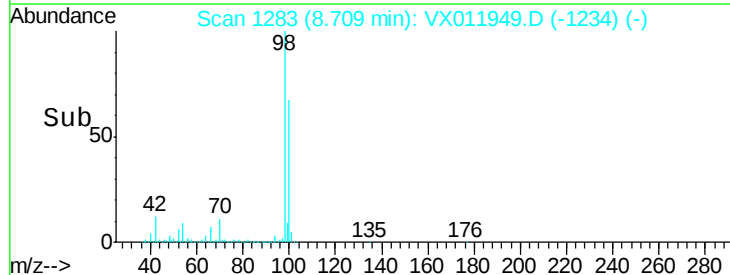
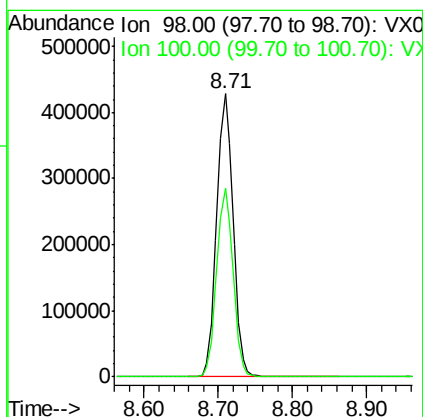
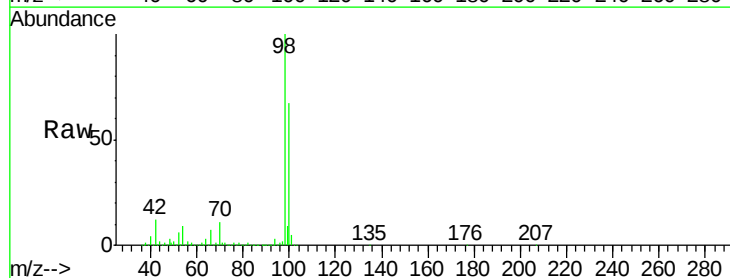
Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B3-(0)

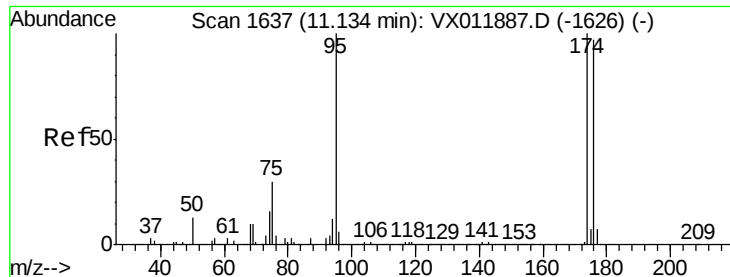
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.1	123.1
192	27.3	21.5	32.3



#50
 Toluene-d8
 Concen: 49.329 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX011949.D
 Acq: 31 Aug 2019 14:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 39.047 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011949.D

Acq: 31 Aug 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

T2-S-B3-(0)

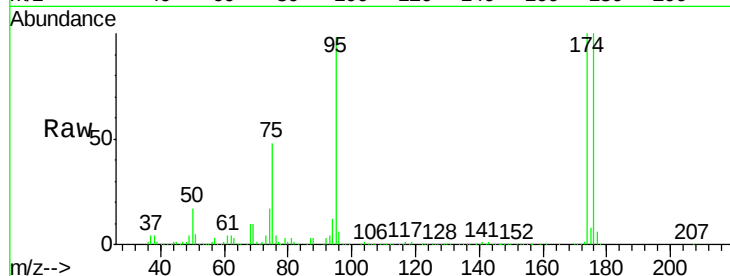
Tot Ion: 95 Resp: 226464

Ion Ratio Lower Upper

95 100

174 98.9 0.0 196.0

176 97.5 0.0 191.4

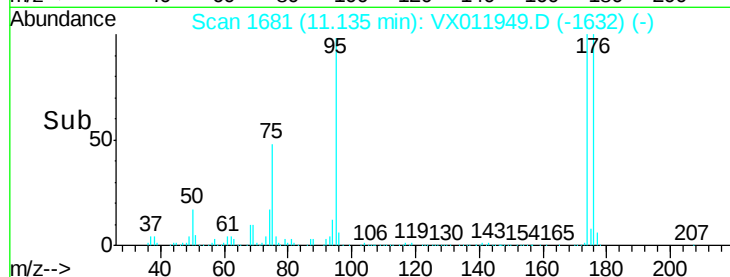


Abundance Ion 94.90 (94.60 to 95.60): VX011887.D (-1626) (-)

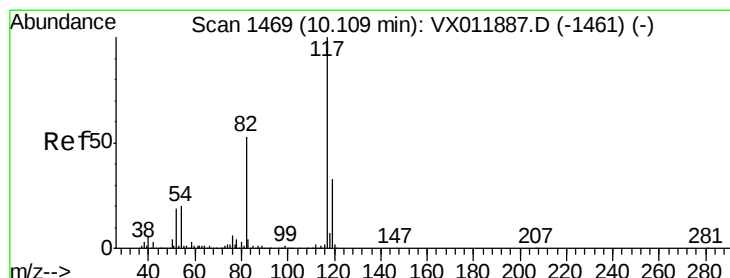
Ion 173.80 (173.50 to 174.50): VX011887.D (-1626) (-)

Ion 175.80 (175.50 to 176.50): VX011887.D (-1626) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VX011949.D

Acq: 31 Aug 2019 14:27

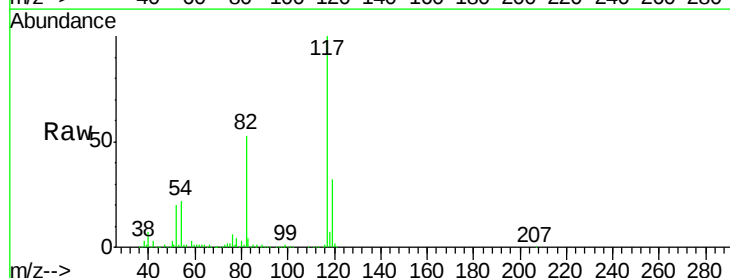
Tgt Ion: 117 Resp: 495453

Ion Ratio Lower Upper

117 100

82 53.4 42.0 63.0

119 32.3 26.2 39.4

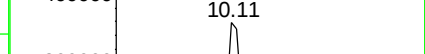
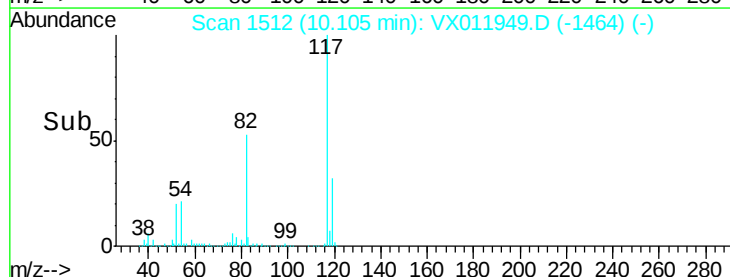


Abundance Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

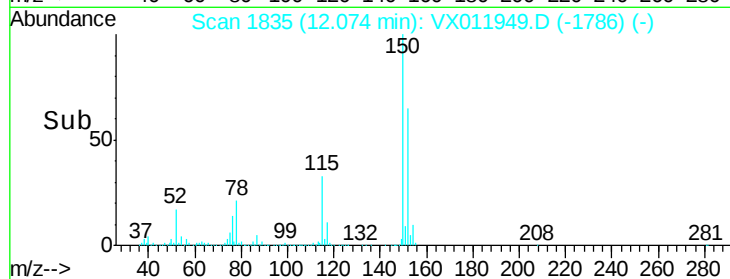
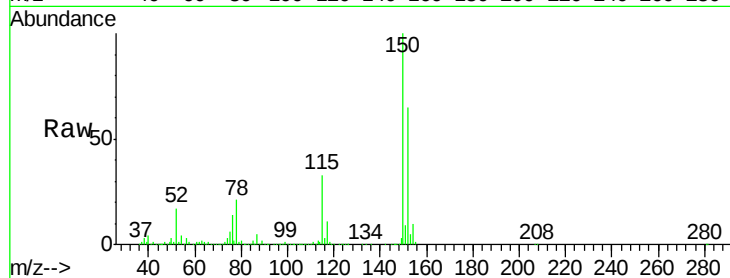
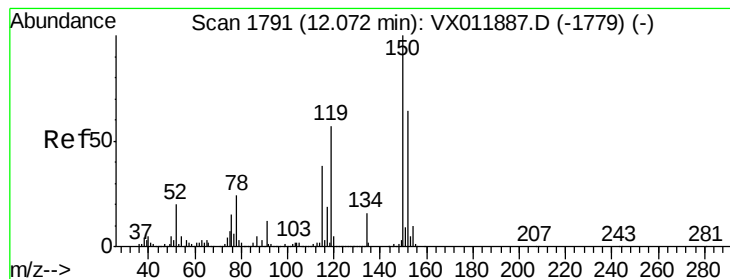
Ion 82.00 (81.70 to 82.70): VX011887.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011887.D (-1461) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011949.D

Acq: 31 Aug 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

T2-S-B3-(0)

Tot Ion:152 Resp: 242171

Ion Ratio Lower Upper

152 100

115 52.5 37.1 111.3

150 156.7 0.0 339.6

