

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103019\
 Data File : VX013287.D
 Acq On : 30 Oct 2019 15:59
 Operator : JC/SP
 Sample : K5602-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Quant Time: Oct 31 02:35:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

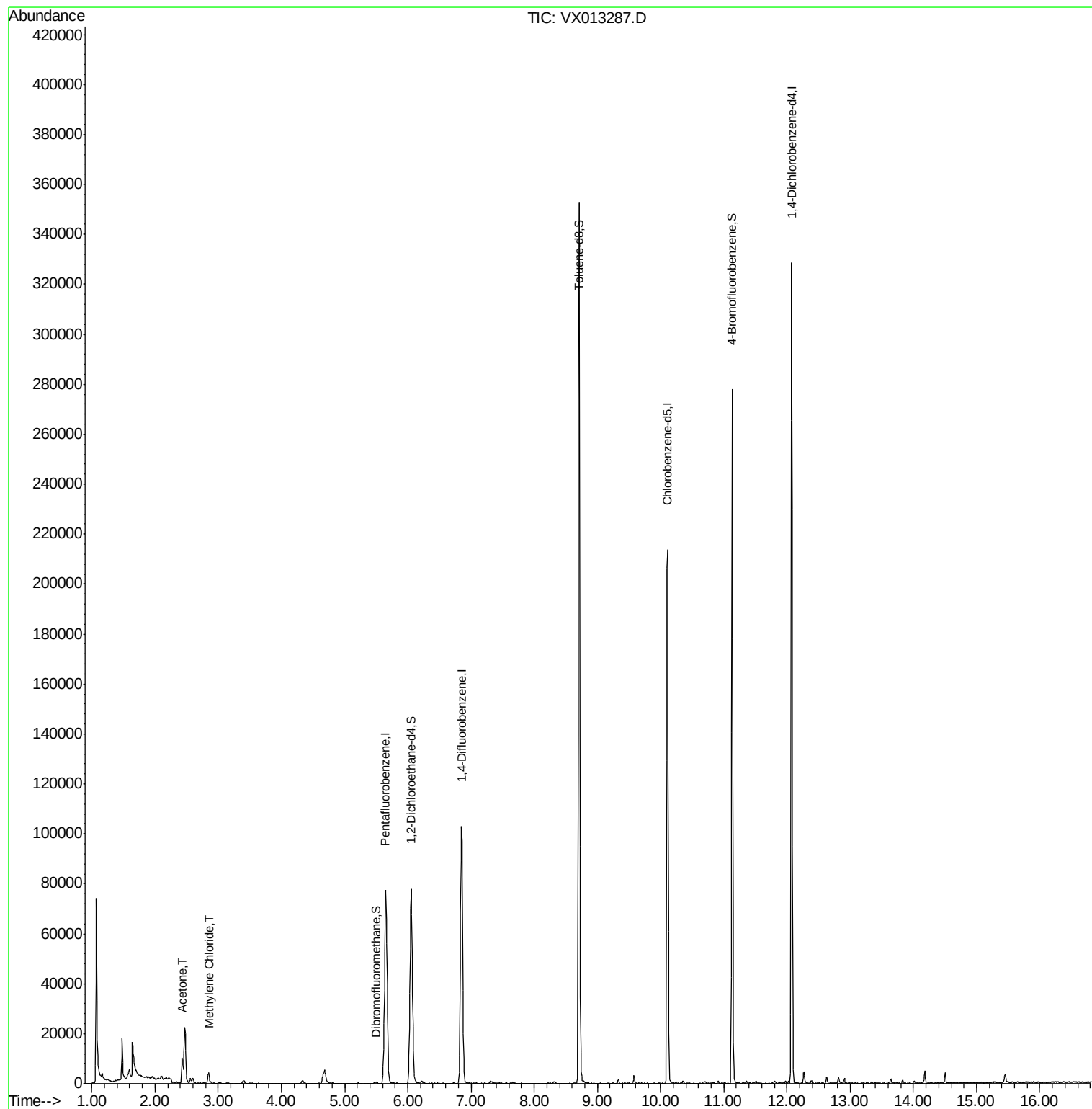
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	72161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	104541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	102594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	65929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	79142	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
35) Dibromofluoromethane	5.49	113	590	0.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.02%	
50) Toluene-d8	8.71	98	207934	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	11.14	95	77180	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
Target Compounds						
16) Acetone	2.43	43	10661	14.993	ug/l	93
20) Methylene Chloride	2.84	84	2183	1.921	ug/l #	84

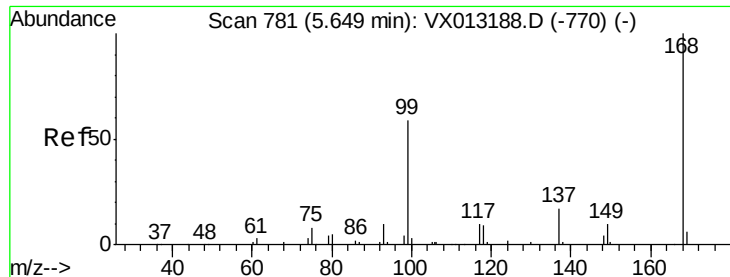
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013287.D

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MSVOA_X

ClientSampleId :

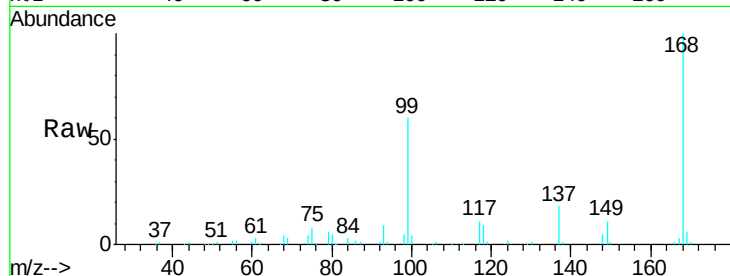
20190941-AMENDED-COMPOSITE-

Tgt Ion:168 Resp: 72161

Ion Ratio Lower Upper

168 100

99 60.1 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

25000

20000

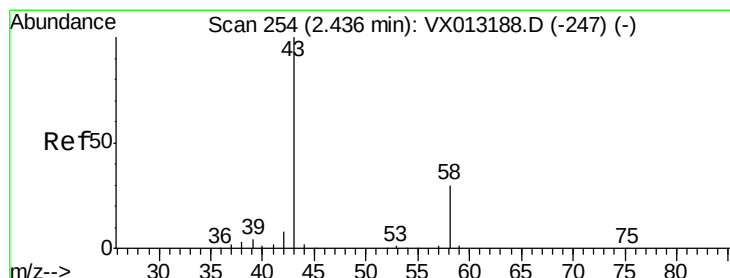
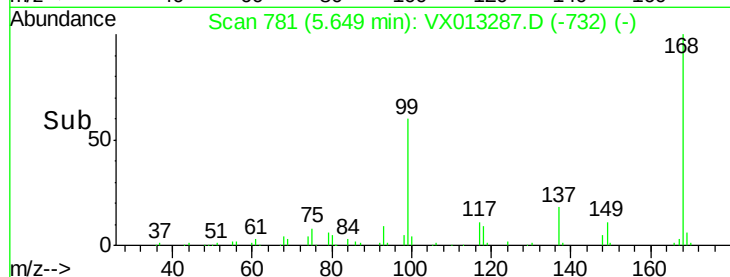
15000

10000

5000

0

Time--> 5.50 5.60 5.70



#16

Acetone

Concen: 14.993 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013287.D

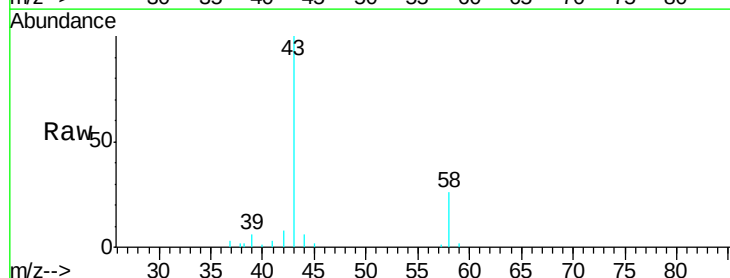
Acq: 30 Oct 2019 15:59

Tgt Ion: 43 Resp: 10661

Ion Ratio Lower Upper

43 100

58 25.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

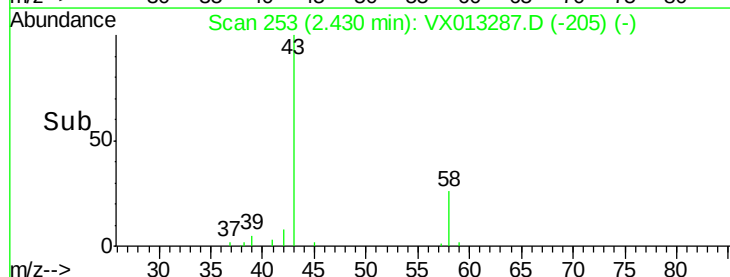
6000

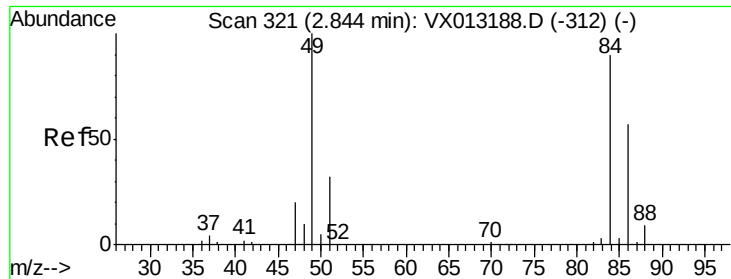
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

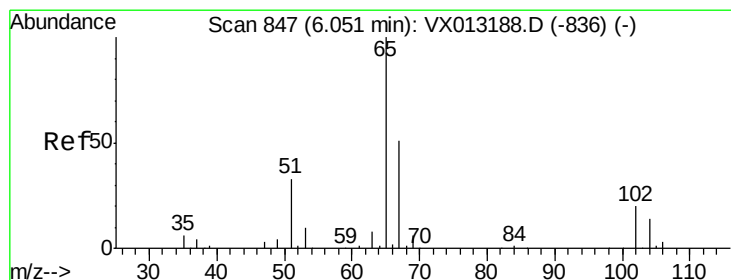
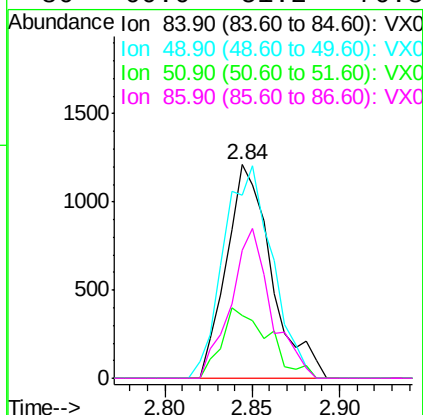
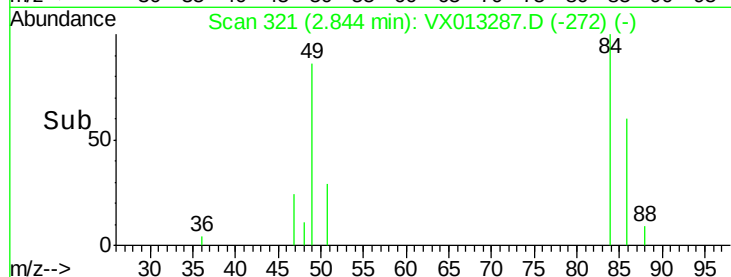
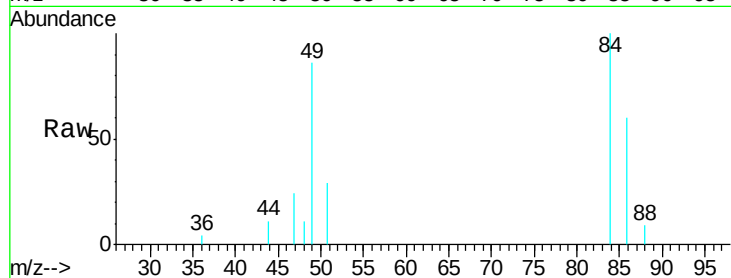




#20
Methylene Chloride
Concen: 1.921 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013287.D
Acq: 30 Oct 2019 15:59

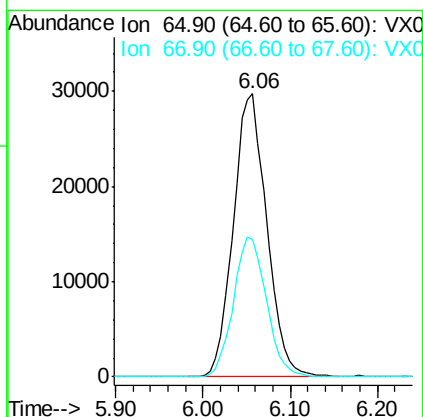
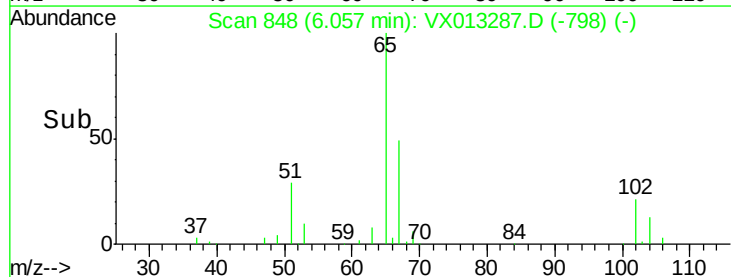
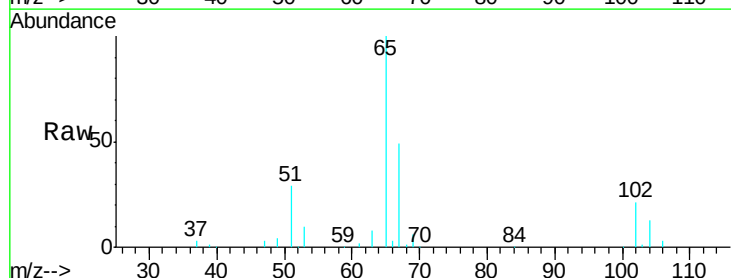
Instrument :
MSVOA_X
ClientSampleId :
20190941-AMENDED-COMPOSITE-

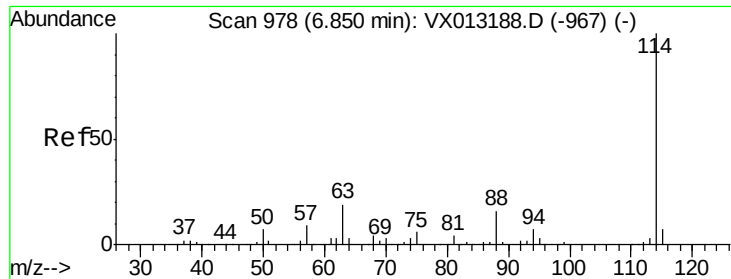
Tgt Ion: 84 Resp: 2183
Ion Ratio Lower Upper
84 100
49 85.6 89.2 133.8#
51 29.4 28.8 43.2
86 60.0 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 52.437 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013287.D
Acq: 30 Oct 2019 15:59

Tgt Ion: 65 Resp: 79142
Ion Ratio Lower Upper
65 100
67 48.9 0.0 102.6

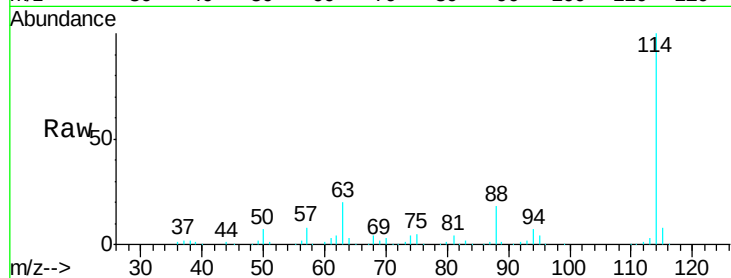




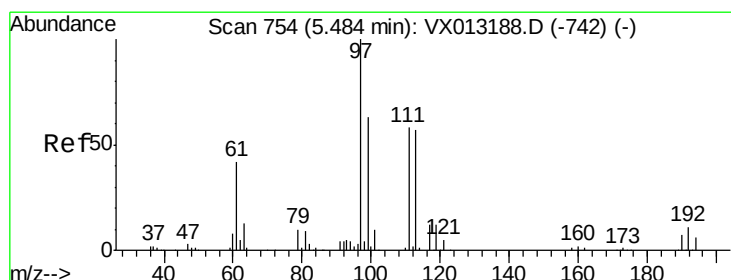
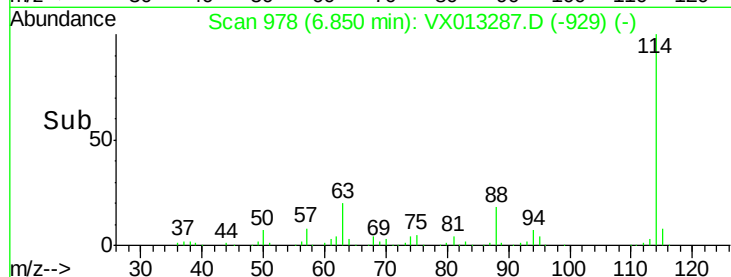
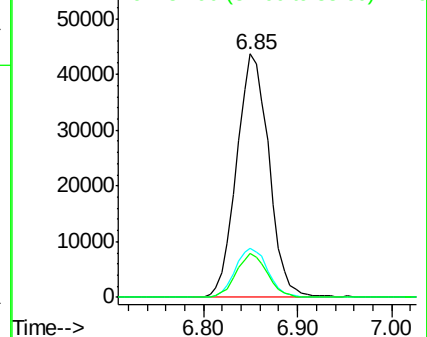
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013287.D
 Acq: 30 Oct 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Tgt Ion:114 Resp: 104541
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 18.1 0.0 32.0

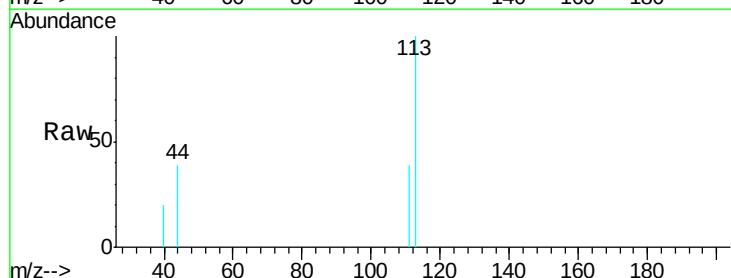


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

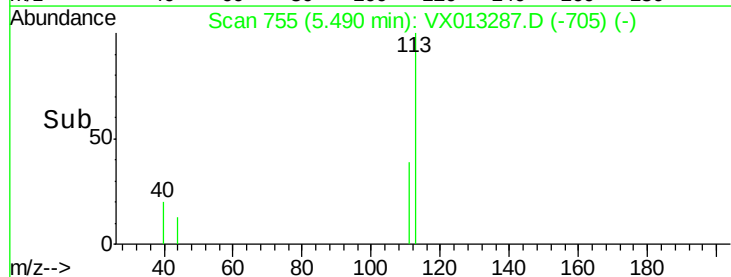
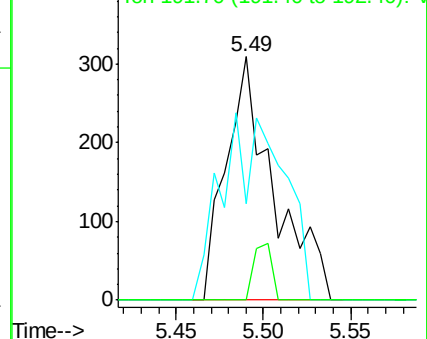


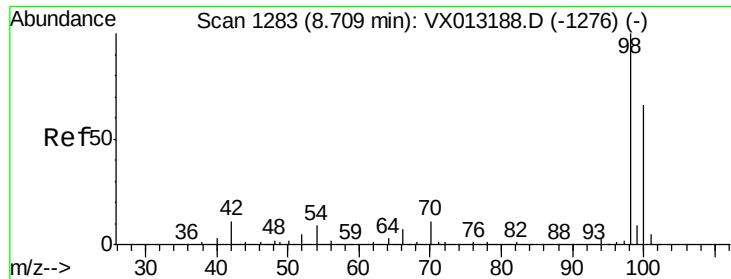
#35
 Dibromofluoromethane
 Concen: 0.506 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013287.D
 Acq: 30 Oct 2019 15:59

Tgt Ion:113 Resp: 590
 Ion Ratio Lower Upper
 113 100
 111 43.2 80.3 120.5#
 192 8.5 15.9 23.9#



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: 48.130 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013287.D

Acq: 30 Oct 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

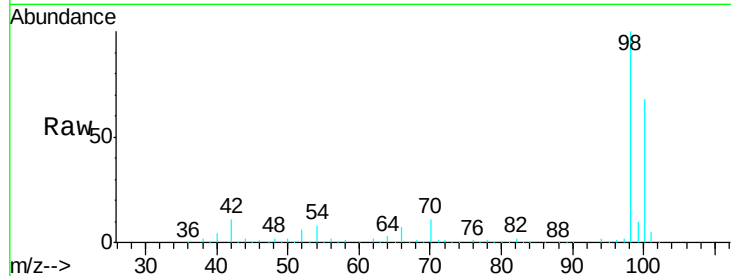
20190941-AMENDED-COMPOSITE-

Tgt Ion: 98 Resp: 207934

Ion Ratio Lower Upper

98 100

100 66.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

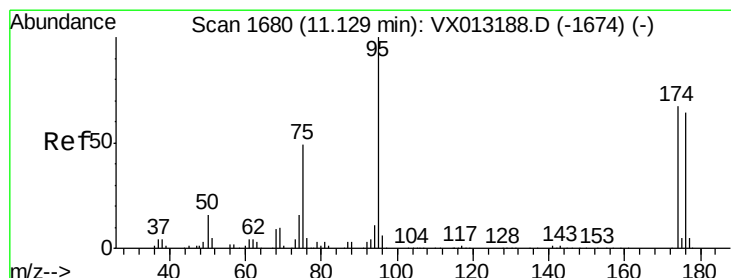
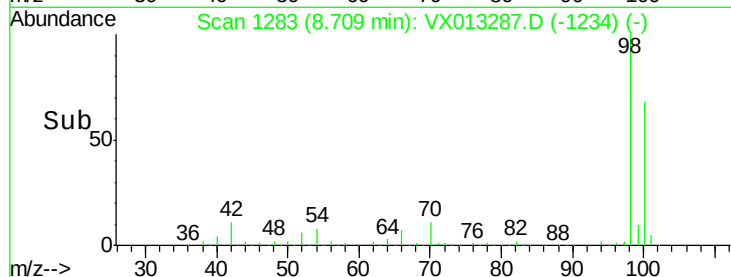
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.135 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013287.D

Acq: 30 Oct 2019 15:59

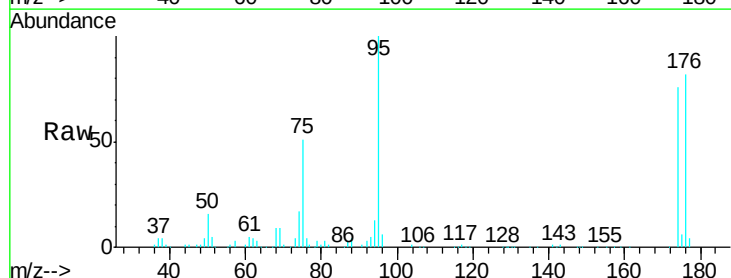
Tgt Ion: 95 Resp: 77180

Ion Ratio Lower Upper

95 100

174 75.5 0.0 152.4

176 77.3 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

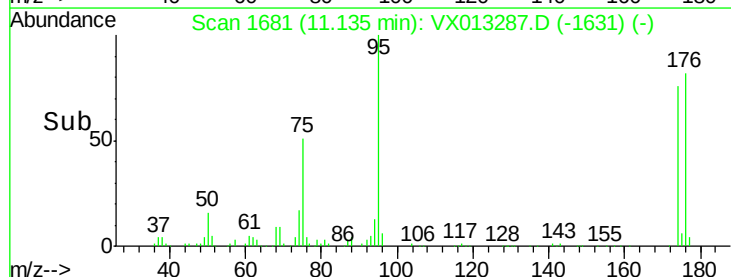
60000

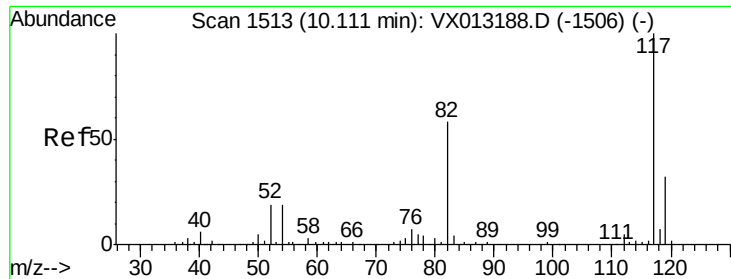
40000

20000

0

Time-->

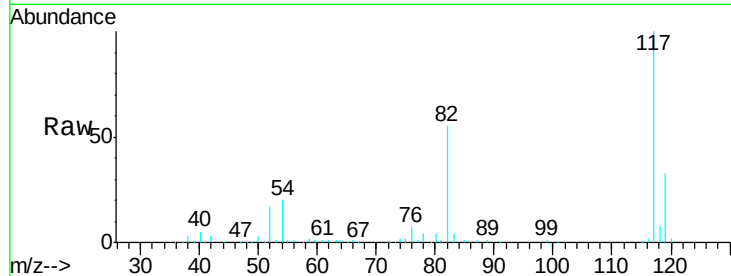




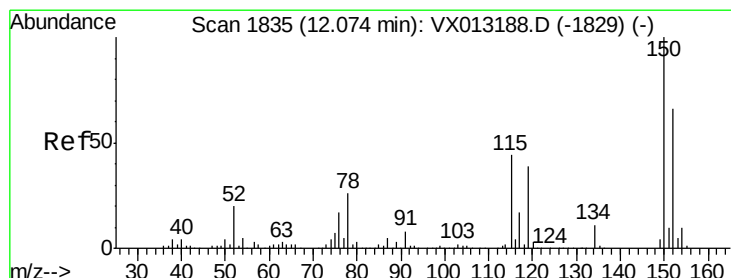
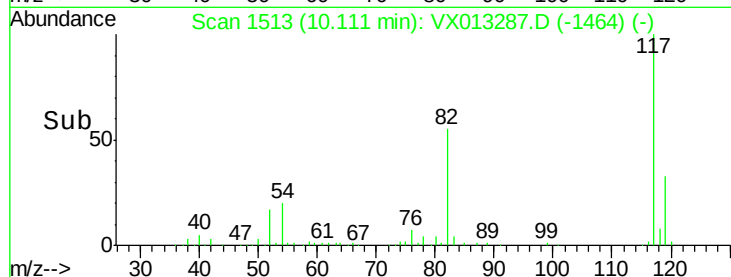
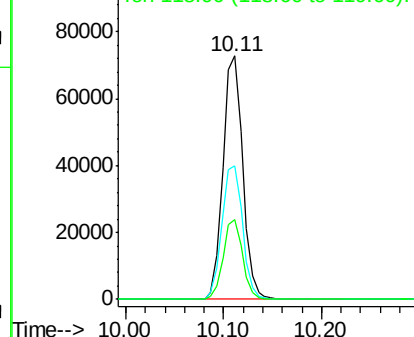
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013287.D
Acq: 30 Oct 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tgt Ion:117 Resp: 102594
Ion Ratio Lower Upper
117 100
82 54.9 46.5 69.7
119 32.8 25.2 37.8

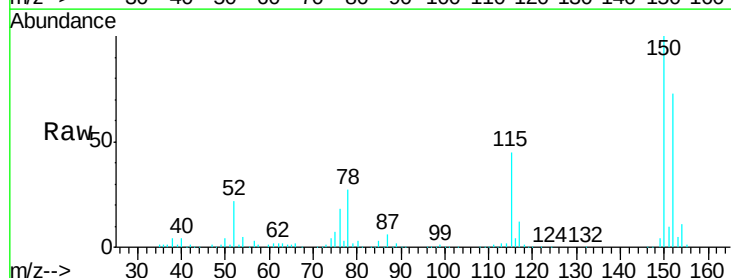


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013287.D
Acq: 30 Oct 2019 15:59

Tgt Ion:152 Resp: 65929
Ion Ratio Lower Upper
152 100
115 62.3 46.6 139.8
150 148.9 0.0 354.0



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

