

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012078.D
 Acq On : 05 Sep 2019 04:17
 Operator : SY/SP
 Sample : K4591-02
 Misc : 5.52g/5.0mL/MSVOA X/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3-25-27

Quant Time: Sep 09 05:30:49 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

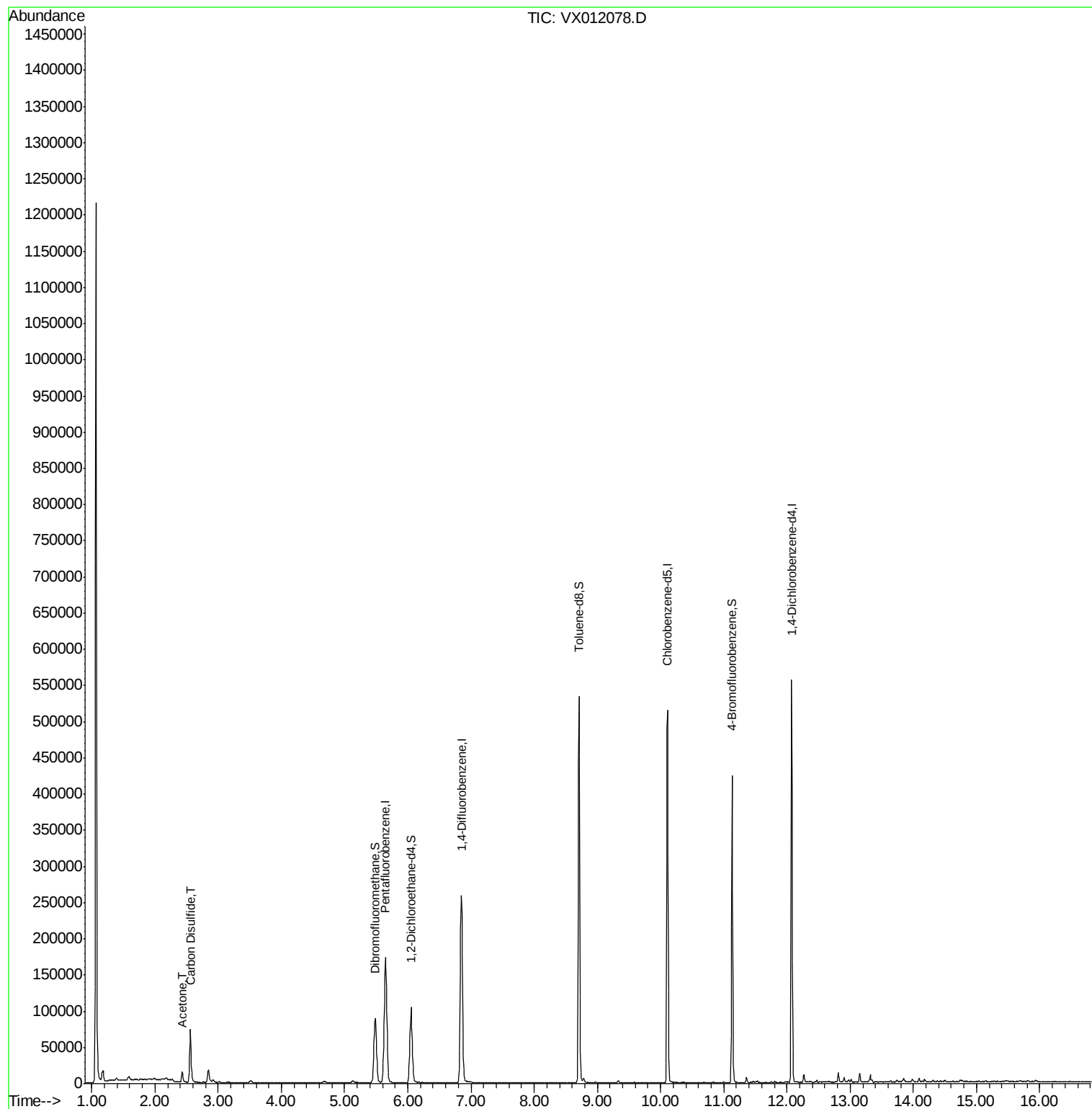
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	254904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103583	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
35) Dibromofluoromethane	5.48	113	76277	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	8.71	98	301259	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.14	95	121664	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
16) Acetone	2.43	43	14814	30.669	ug/l	98
17) Carbon Disulfide	2.56	76	92375	21.917	ug/l	98

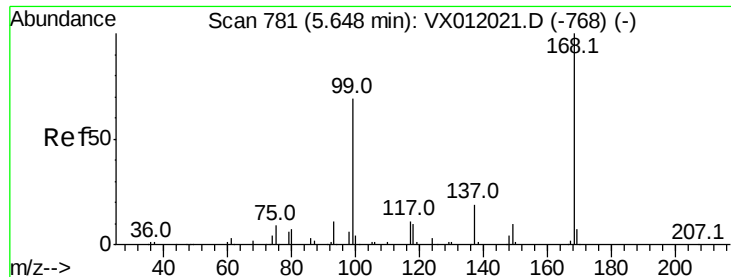
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 03 15:26:48 2019
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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: VX012078.D

Acq: 05 Sep 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

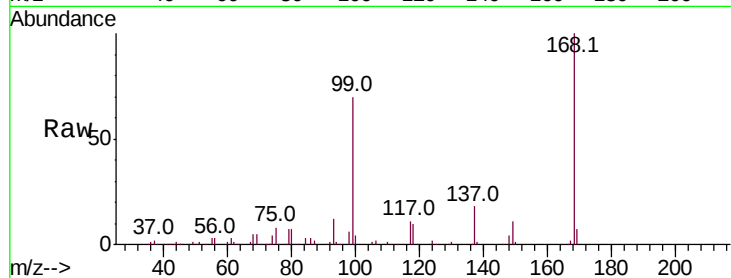
SB-3-25-27

Tot Ion:168 Resp: 146460

Ion Ratio Lower Upper

168 100

99 70.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

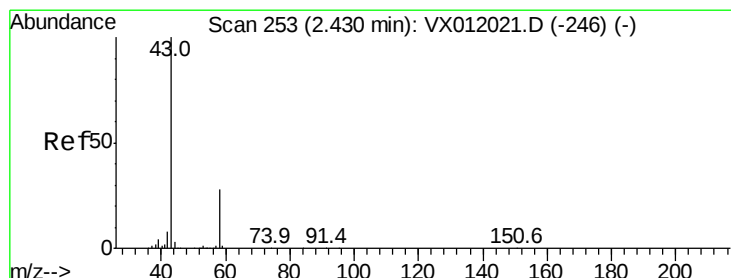
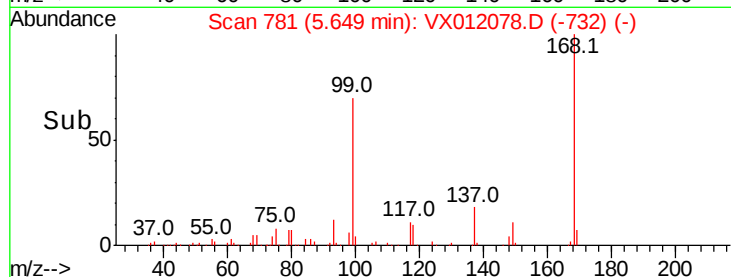
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 30.669 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012078.D

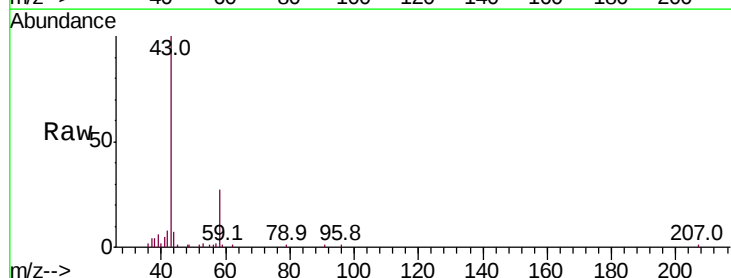
Acq: 05 Sep 2019 04:17

Tgt Ion: 43 Resp: 14814

Ion Ratio Lower Upper

43 100

58 27.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

10000

8000

6000

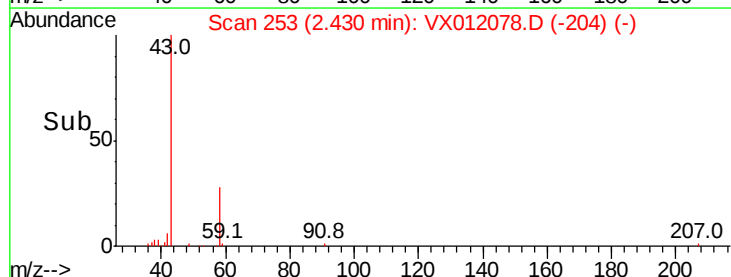
4000

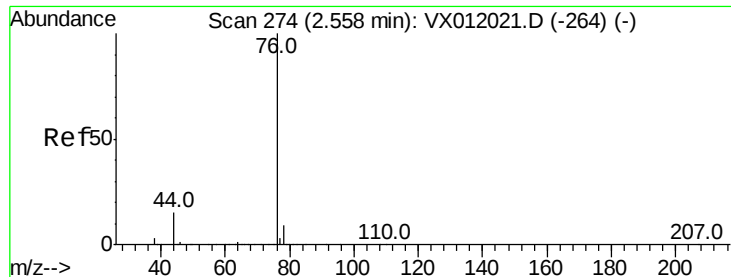
2000

0

Time-->

2.35 2.40 2.45 2.50





#17

Carbon Disulfide

Concen: 21.917 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012078.D

Acq: 05 Sep 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

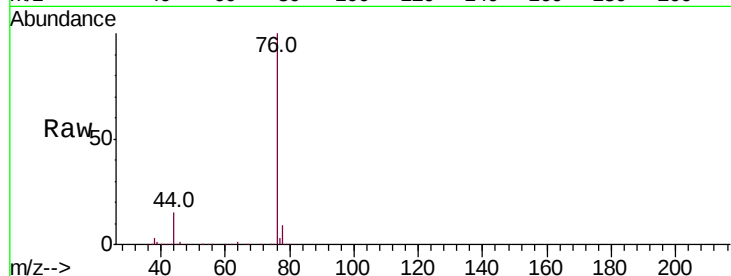
SB-3-25-27

Tot Ion: 76 Resp: 92375

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

60000

50000

40000

30000

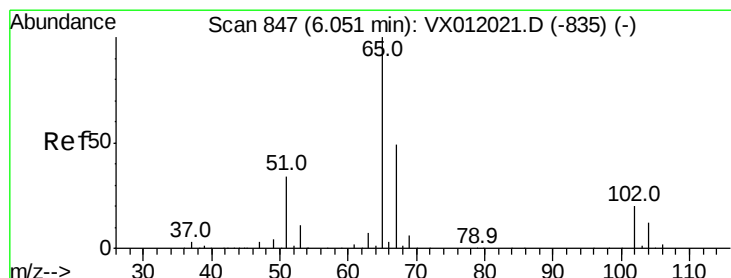
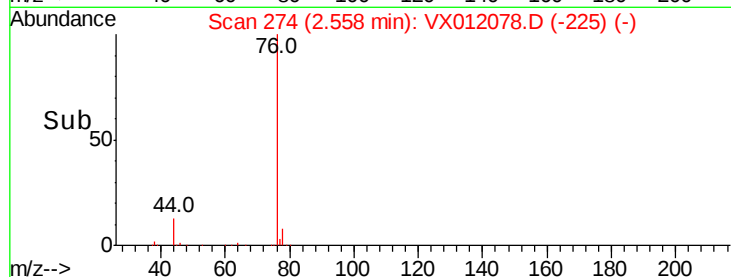
20000

10000

0

Time-->

2.50 2.60 2.70



#33

1,2-Dichloroethane-d4

Concen: 51.257 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012078.D

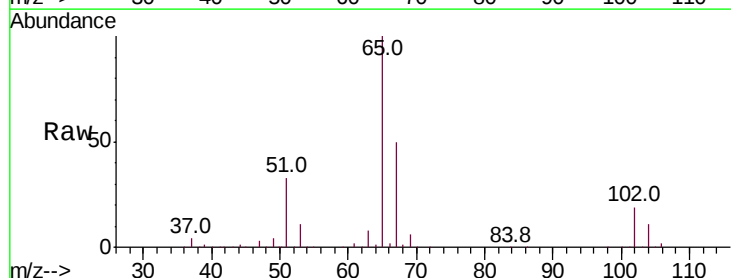
Acq: 05 Sep 2019 04:17

Tgt Ion: 65 Resp: 103583

Ion Ratio Lower Upper

65 100

67 49.3 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

30000

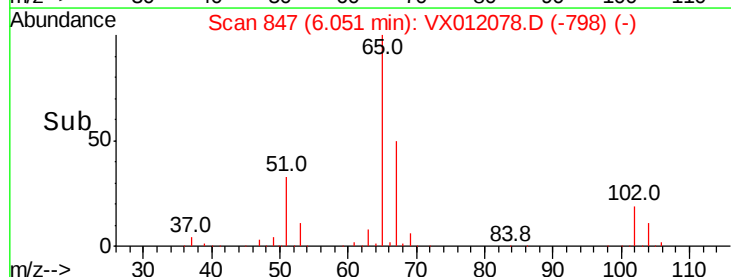
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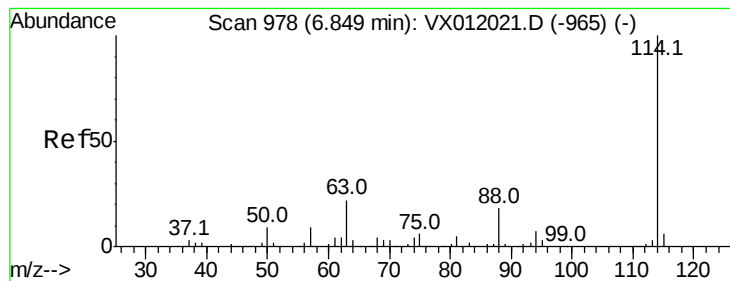
10000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012078.D

Acq: 05 Sep 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

SB-3-25-27

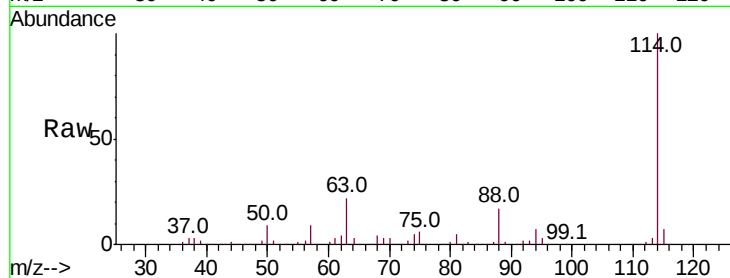
Tot Ion:114 Resp: 254904

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

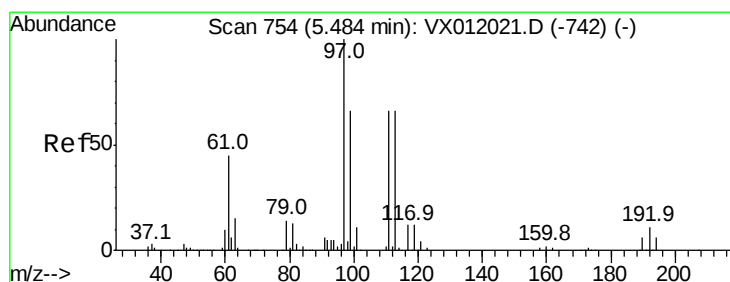
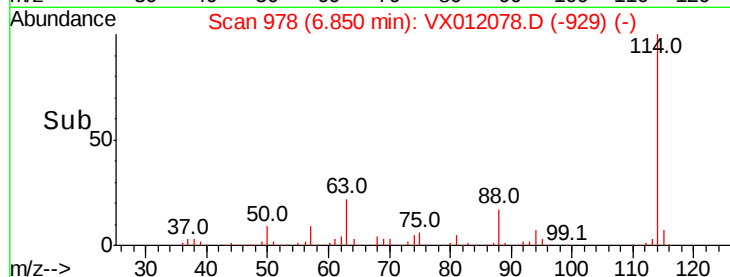
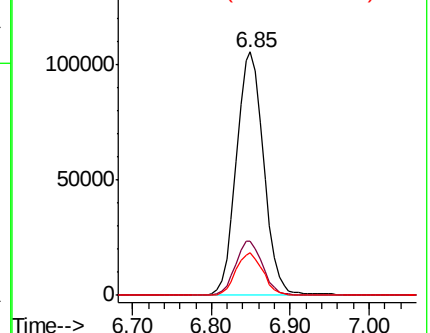
88 17.3 0.0 29.6



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: 48.659 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012078.D

Acq: 05 Sep 2019 04:17

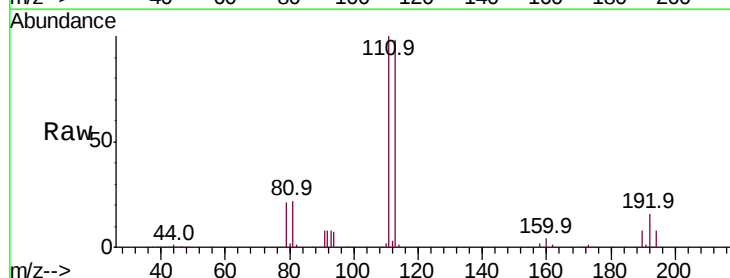
Tgt Ion:113 Resp: 76277

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

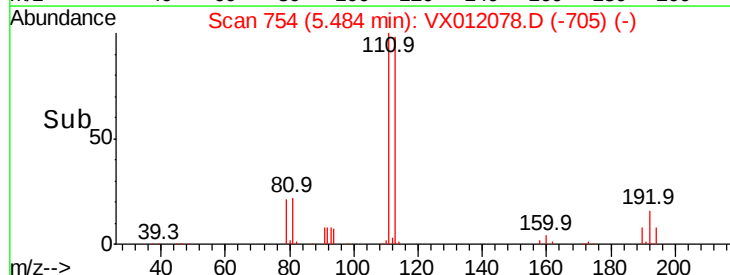
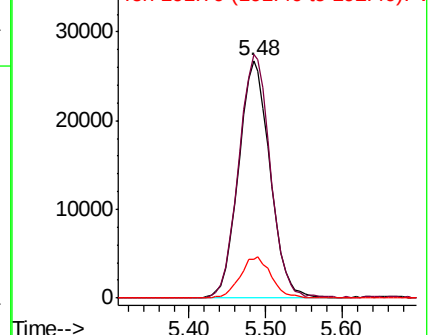
192 17.1 22.5 33.7#

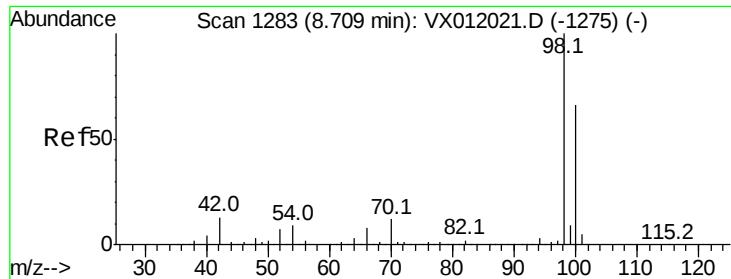


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

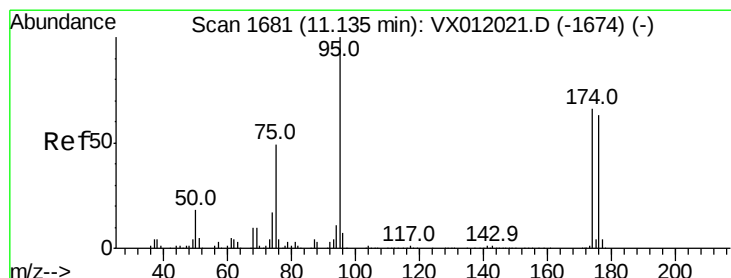
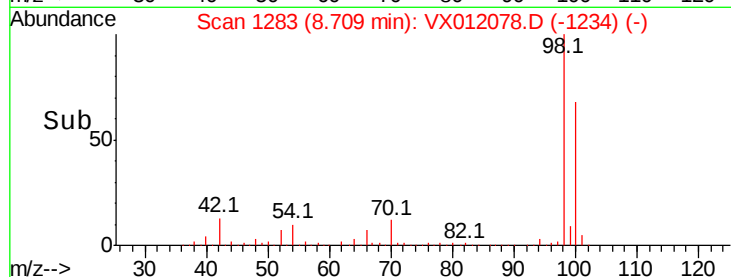
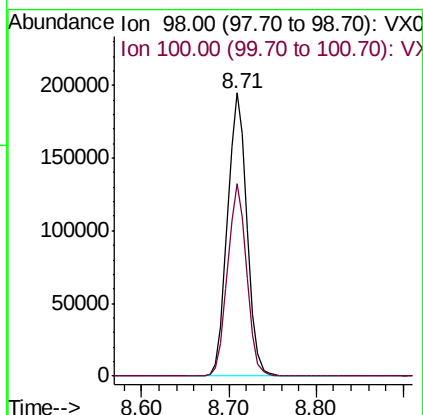
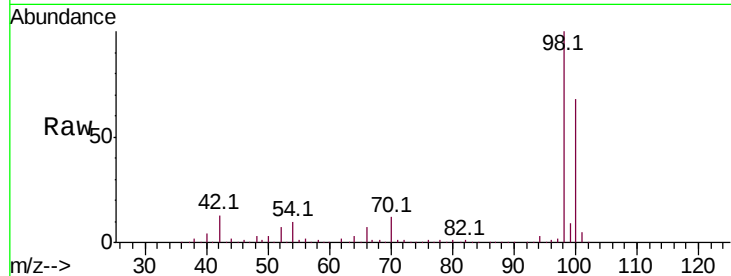




#50
Toluene-d8
Concen: 52.372 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012078.D
Acq: 05 Sep 2019 04:17

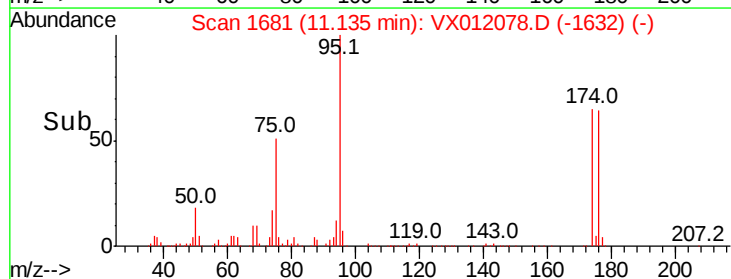
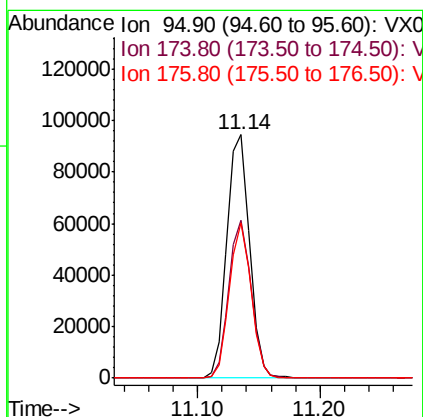
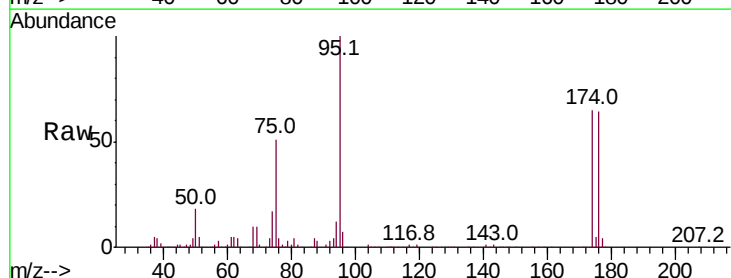
Instrument :
MSVOA_X
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SB-3-25-27

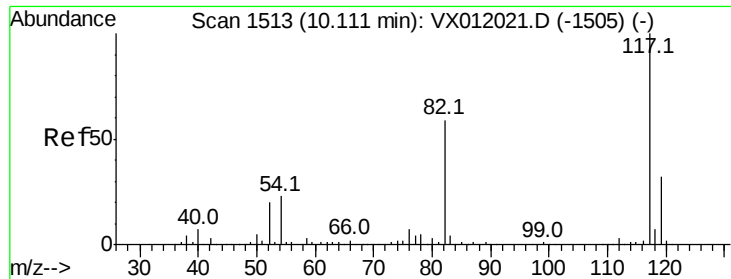
Tot Ion: 98 Resp: 301259
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.479 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012078.D
Acq: 05 Sep 2019 04:17

Tgt Ion: 95 Resp: 121664
Ion Ratio Lower Upper
95 100
174 63.7 0.0 205.4
176 61.0 0.0 201.8

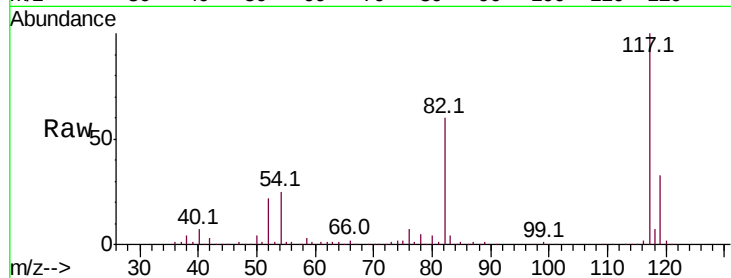




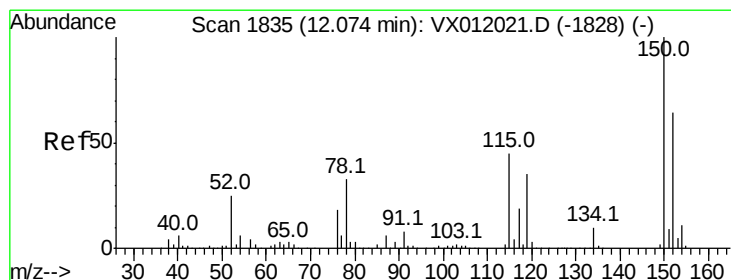
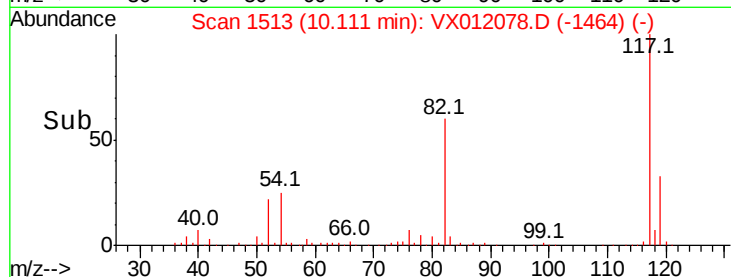
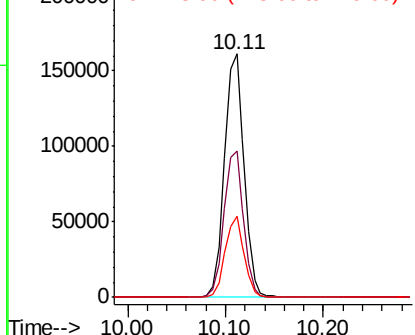
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012078.D
Acq: 05 Sep 2019 04:17

Instrument :
MSVOA_X
ClientSampleId :
SB-3-25-27

Tot Ion:117 Resp: 224442
Ion Ratio Lower Upper
117 100
82 59.9 39.4 59.0#
119 33.5 26.1 39.1

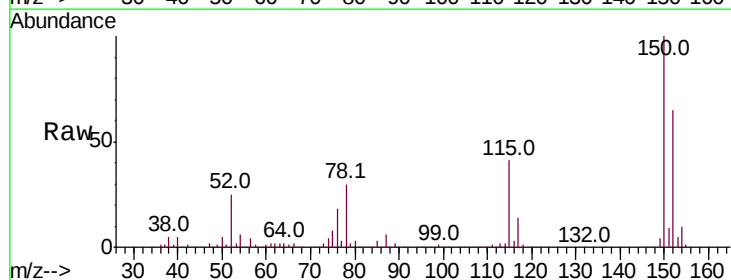


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012078.D
Acq: 05 Sep 2019 04:17

Tgt Ion:152 Resp: 101851
Ion Ratio Lower Upper
152 100
115 65.6 36.4 109.3
150 159.2 0.0 341.2



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

