

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015950.D
 Acq On : 24 Apr 2020 22:45
 Operator : JC/SP
 Sample : L2415-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW041R-200423

Quant Time: Apr 25 08:01:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

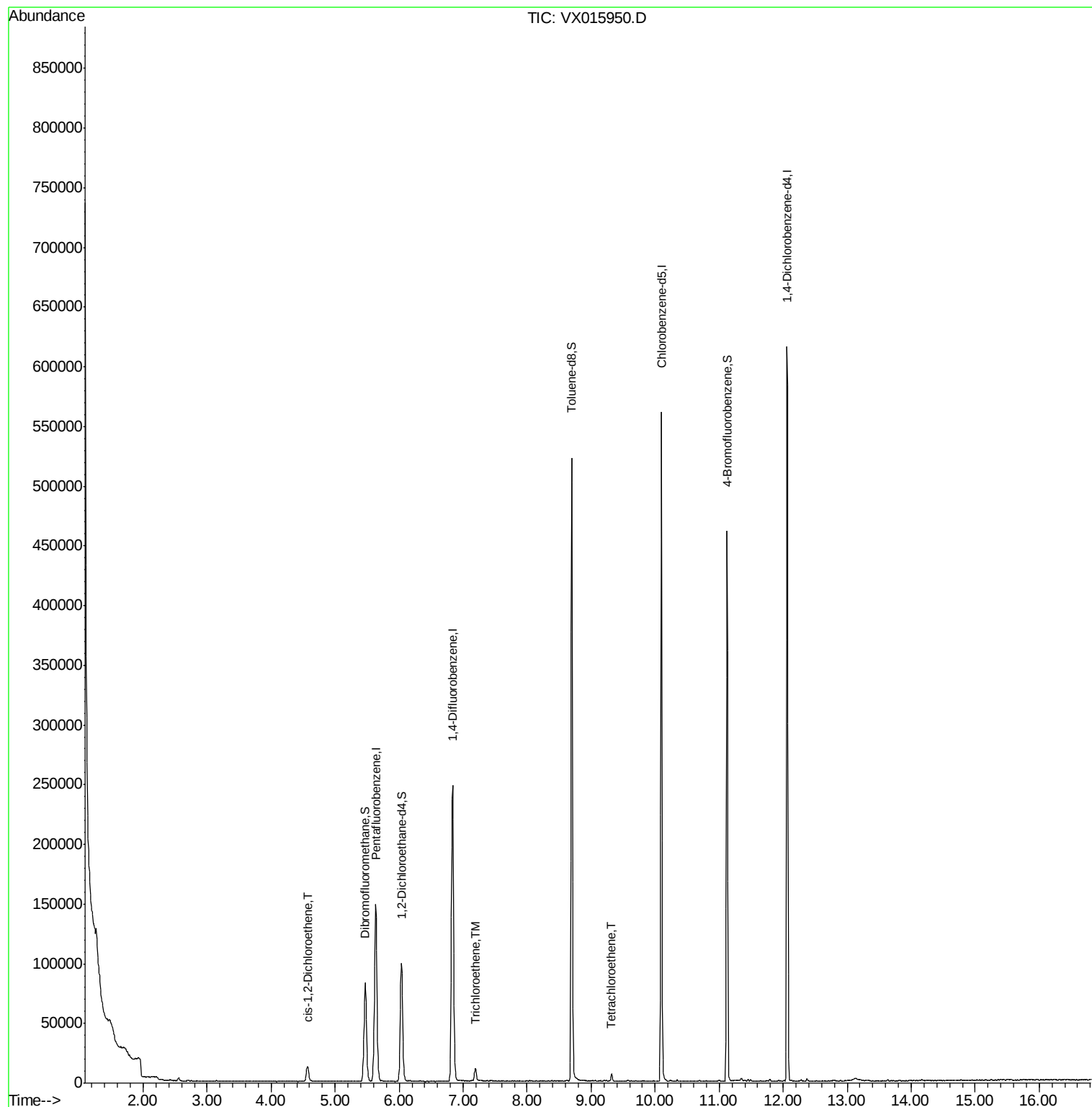
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	133992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	248284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	245623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	95356	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
35) Dibromofluoromethane	5.47	113	73490	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
50) Toluene-d8	8.70	98	316844	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.54%	
62) 4-Bromofluorobenzene	11.12	95	130098	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	8528	4.435	ug/l	85
44) Trichloroethene	7.20	130	3593	1.683	ug/l	98
64) Tetrachloroethene	9.32	164	1180	0.483	ug/l #	91

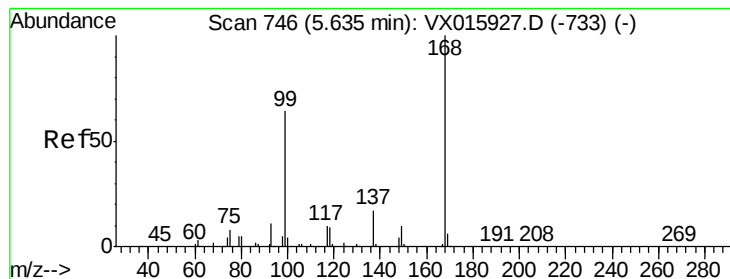
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 24 13:17:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015950.D

Acq: 24 Apr 2020 22:45

Instrument :

MSVOA_X

ClientSampleId :

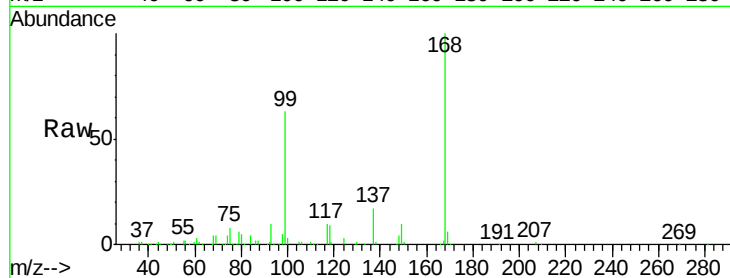
SS040MW041R-200423

Tot Ion:168 Resp: 133992

Ion Ratio Lower Upper

168 100

99 62.6 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

50000

40000

30000

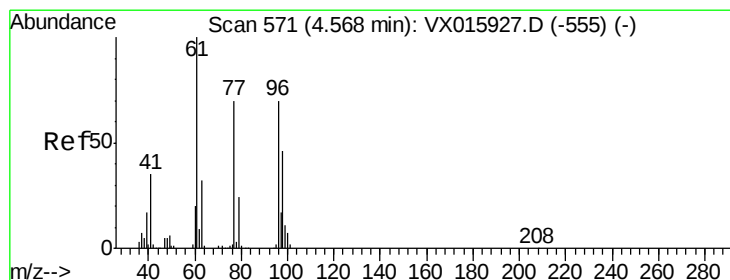
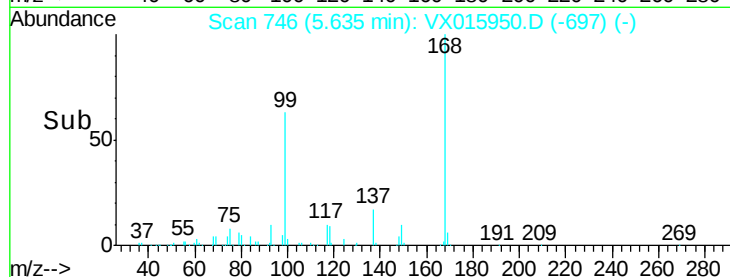
20000

10000

0

Time-->

5.50 5.60 5.70



#27

cis-1,2-Dichloroethene

Concen: 4.435 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX015950.D

Acq: 24 Apr 2020 22:45

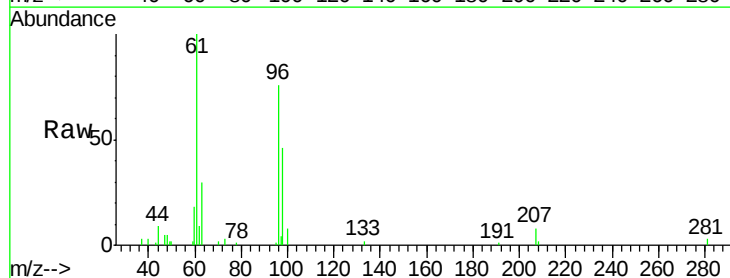
Tgt Ion: 96 Resp: 8528

Ion Ratio Lower Upper

96 100

61 124.3 0.0 293.4

98 59.0 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

5000

4000

3000

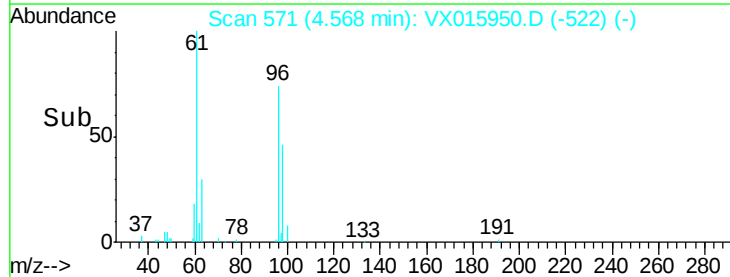
2000

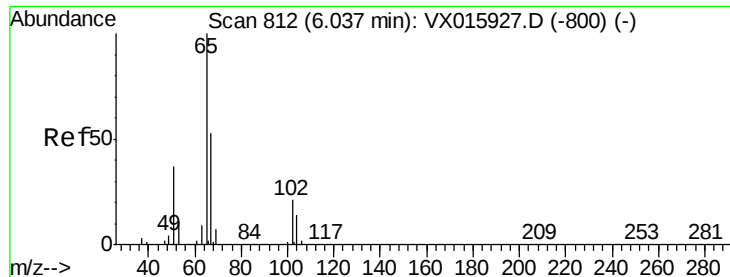
1000

0

Time-->

4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 50.400 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX015950.D

Acq: 24 Apr 2020 22:45

Instrument :

MSVOA_X

ClientSampleId :

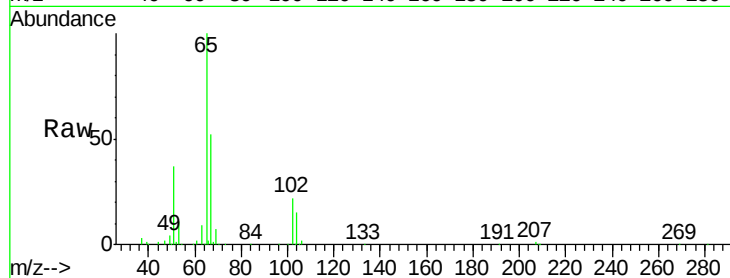
SS040MW041R-200423

Tot Ion: 65 Resp: 95356

Ion Ratio Lower Upper

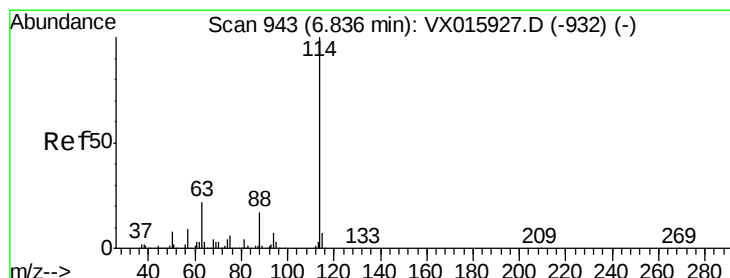
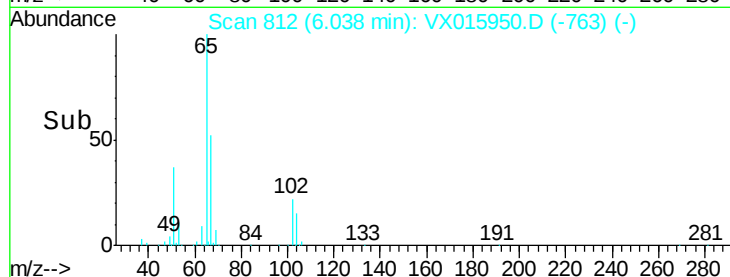
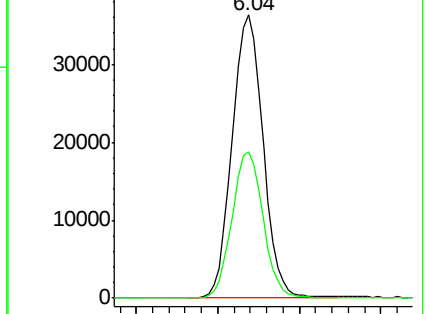
65 100

67 51.9 0.0 106.6



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: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX015950.D

Acq: 24 Apr 2020 22:45

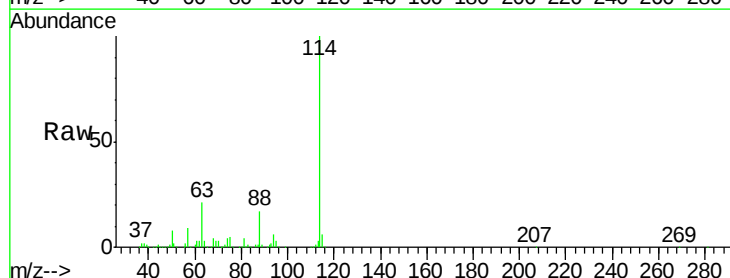
Tgt Ion: 114 Resp: 248284

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.4

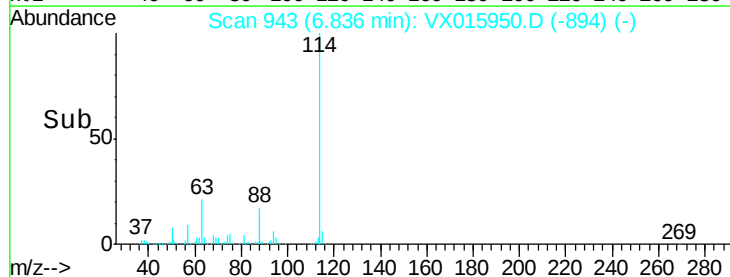
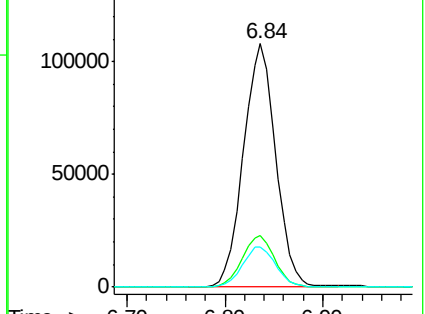
88 16.5 0.0 34.2

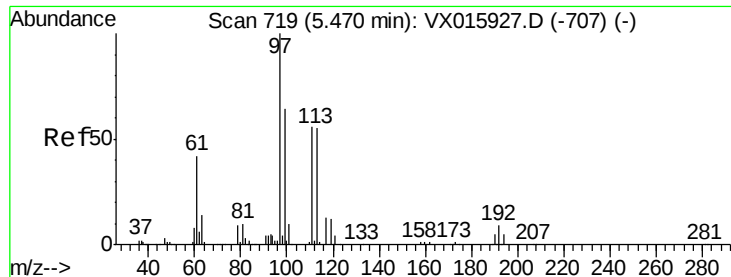


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.272 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015950.D

Acq: 24 Apr 2020 22:45

Instrument :

MSVOA_X

ClientSampleId :

SS040MW041R-200423

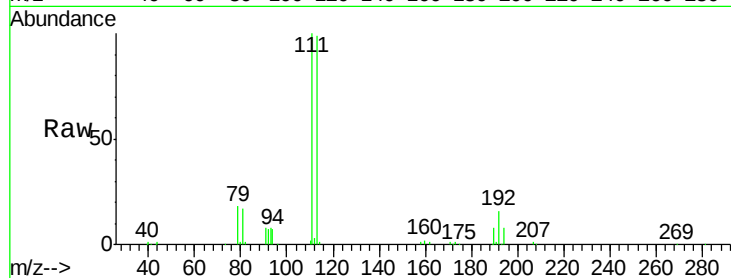
Tot Ion:113 Resp: 73490

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

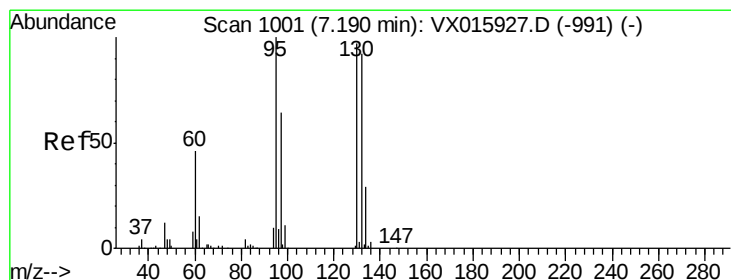
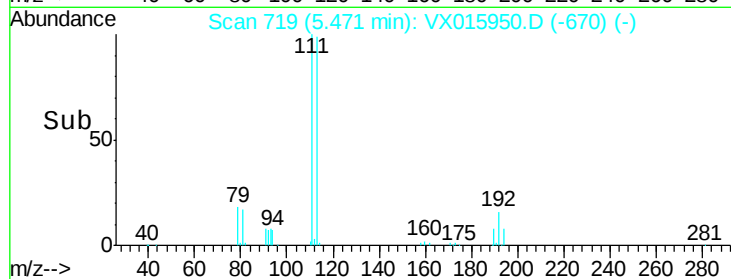
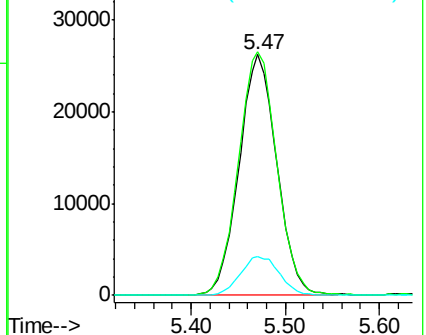
192 16.8 13.6 20.4



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



#44

Trichloroethene

Concen: 1.683 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX015950.D

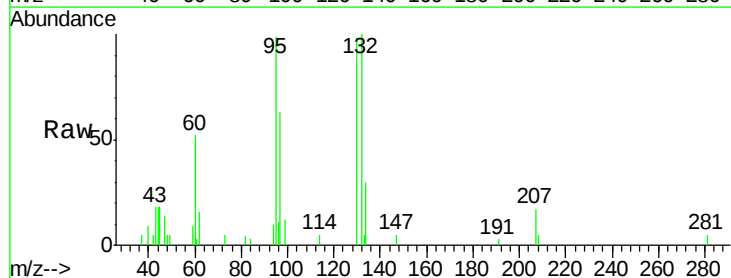
Acq: 24 Apr 2020 22:45

Tgt Ion:130 Resp: 3593

Ion Ratio Lower Upper

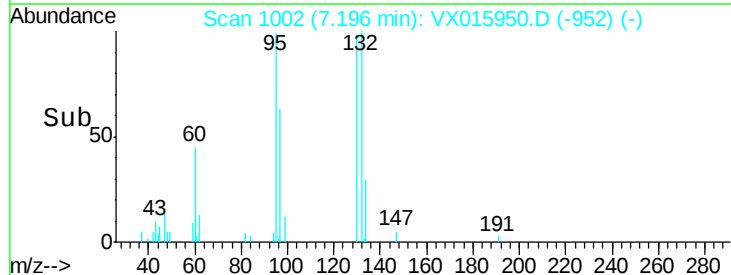
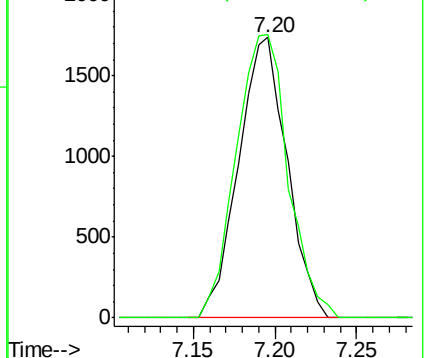
130 100

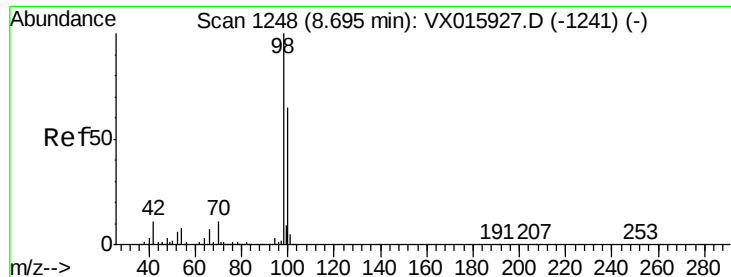
95 100.9 0.0 205.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 55.268 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015950.D

Acq: 24 Apr 2020 22:45

Instrument :

MSVOA_X

ClientSampleId :

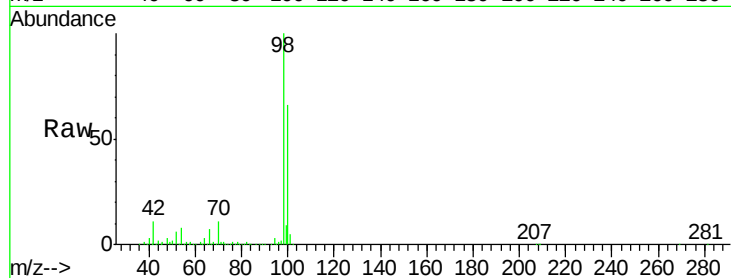
SS040MW041R-200423

Tot Ion: 98 Resp: 316844

Ion Ratio Lower Upper

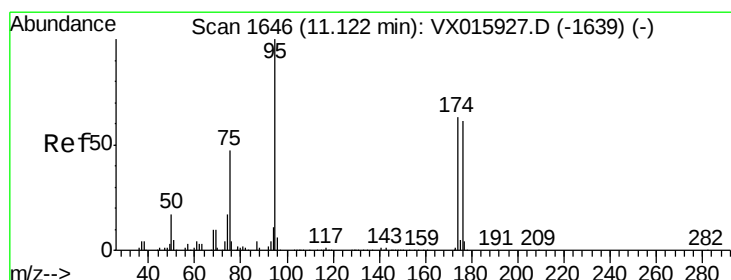
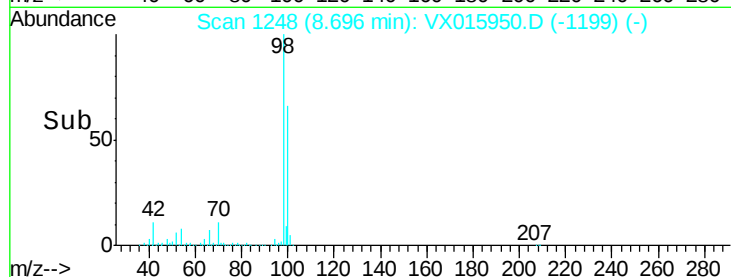
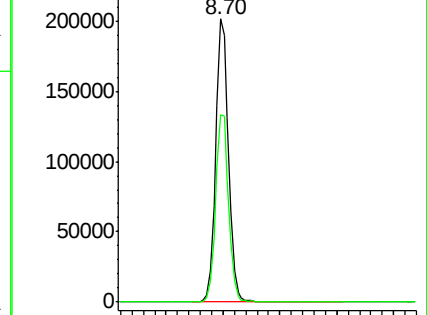
98 100

100 67.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 55.950 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015950.D

Acq: 24 Apr 2020 22:45

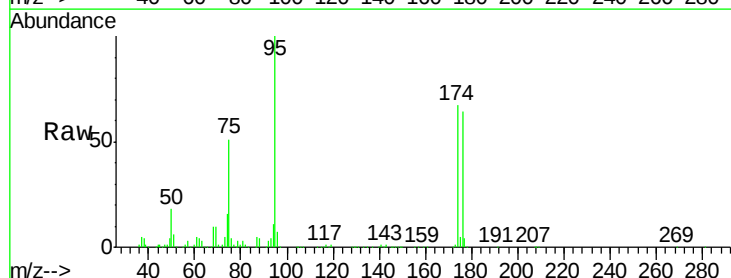
Tgt Ion: 95 Resp: 130098

Ion Ratio Lower Upper

95 100

174 66.3 0.0 133.6

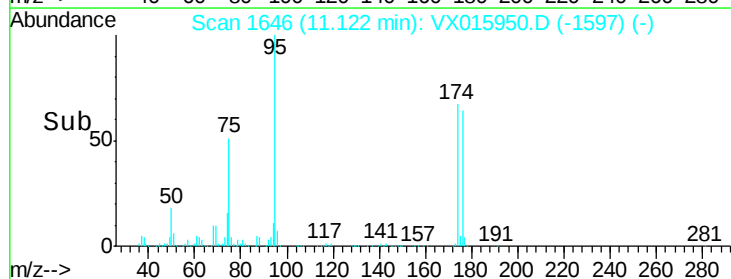
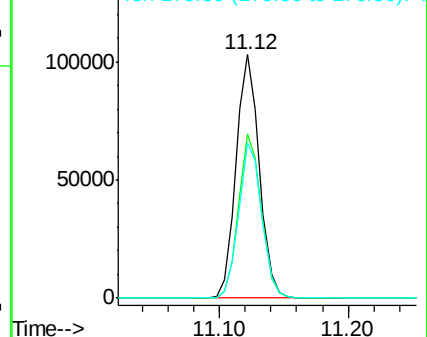
176 63.4 0.0 126.0

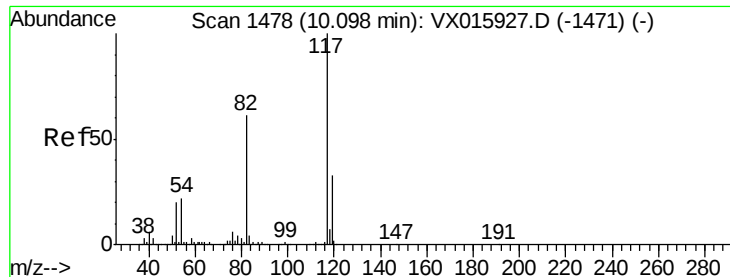


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

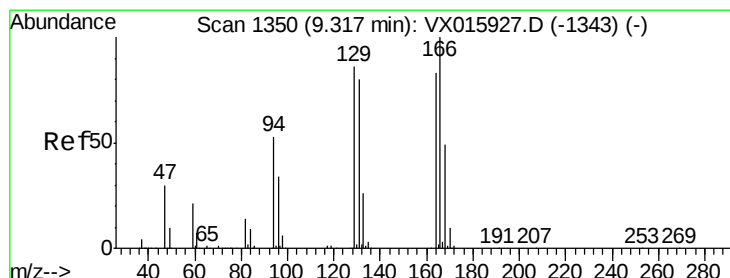
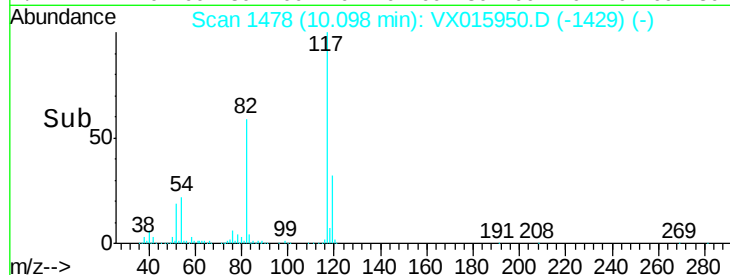
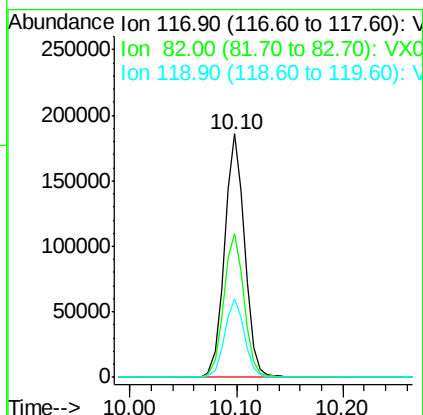
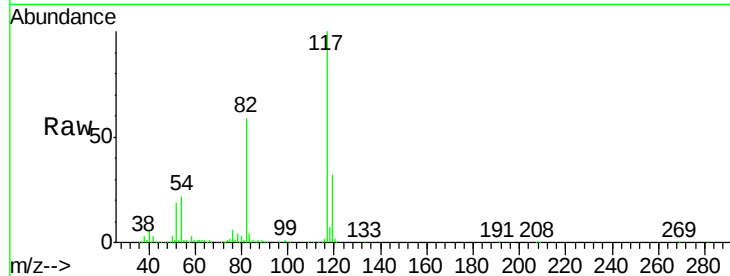




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015950.D
Acq: 24 Apr 2020 22:45

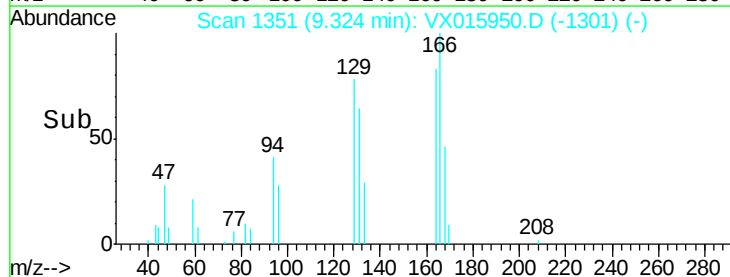
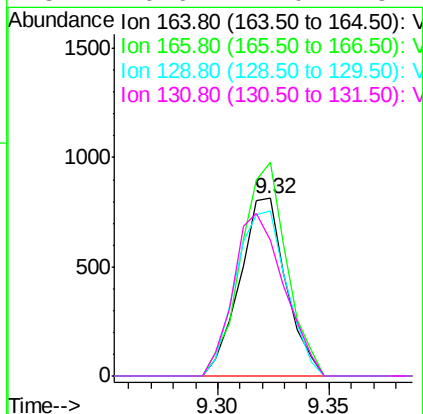
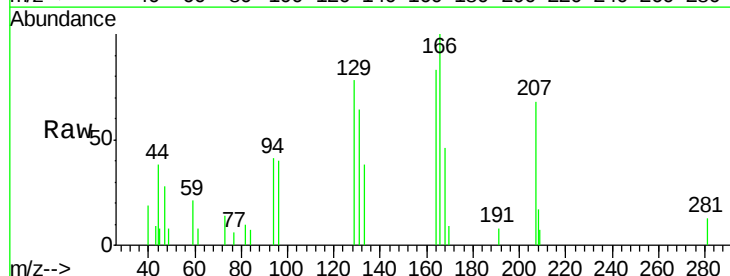
Instrument :
MSVOA_X
ClientSampleId :
SS040MW041R-200423

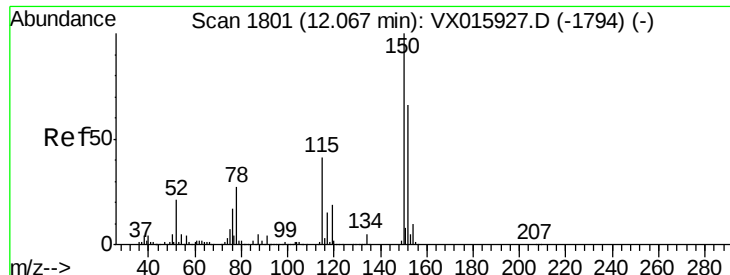
Tot Ion:117 Resp: 245623
Ion Ratio Lower Upper
117 100
82 59.2 48.5 72.7
119 32.4 26.2 39.4



#64
Tetrachloroethene
Concen: 0.483 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX015950.D
Acq: 24 Apr 2020 22:45

Tgt Ion:164 Resp: 1180
Ion Ratio Lower Upper
164 100
166 120.3 96.7 145.1
129 93.2 82.8 124.2
131 76.6 77.0 115.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VX015950.D

Acq: 24 Apr 2020 22:45

Instrument :

MSVOA_X

ClientSampleId :

SS040MW041R-200423

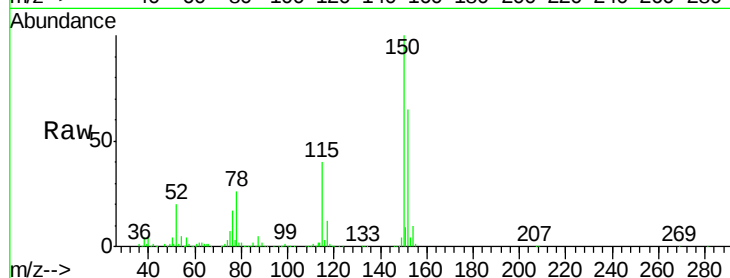
Tot Ion:152 Resp: 121969

Ion Ratio Lower Upper

152 100

115 64.2 44.1 132.4

150 158.0 0.0 343.6



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

