

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016528.D
 Acq On : 01 Jun 2020 14:58
 Operator : JC/SP
 Sample : L2801-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW035-200527

Quant Time: Jun 02 02:18:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

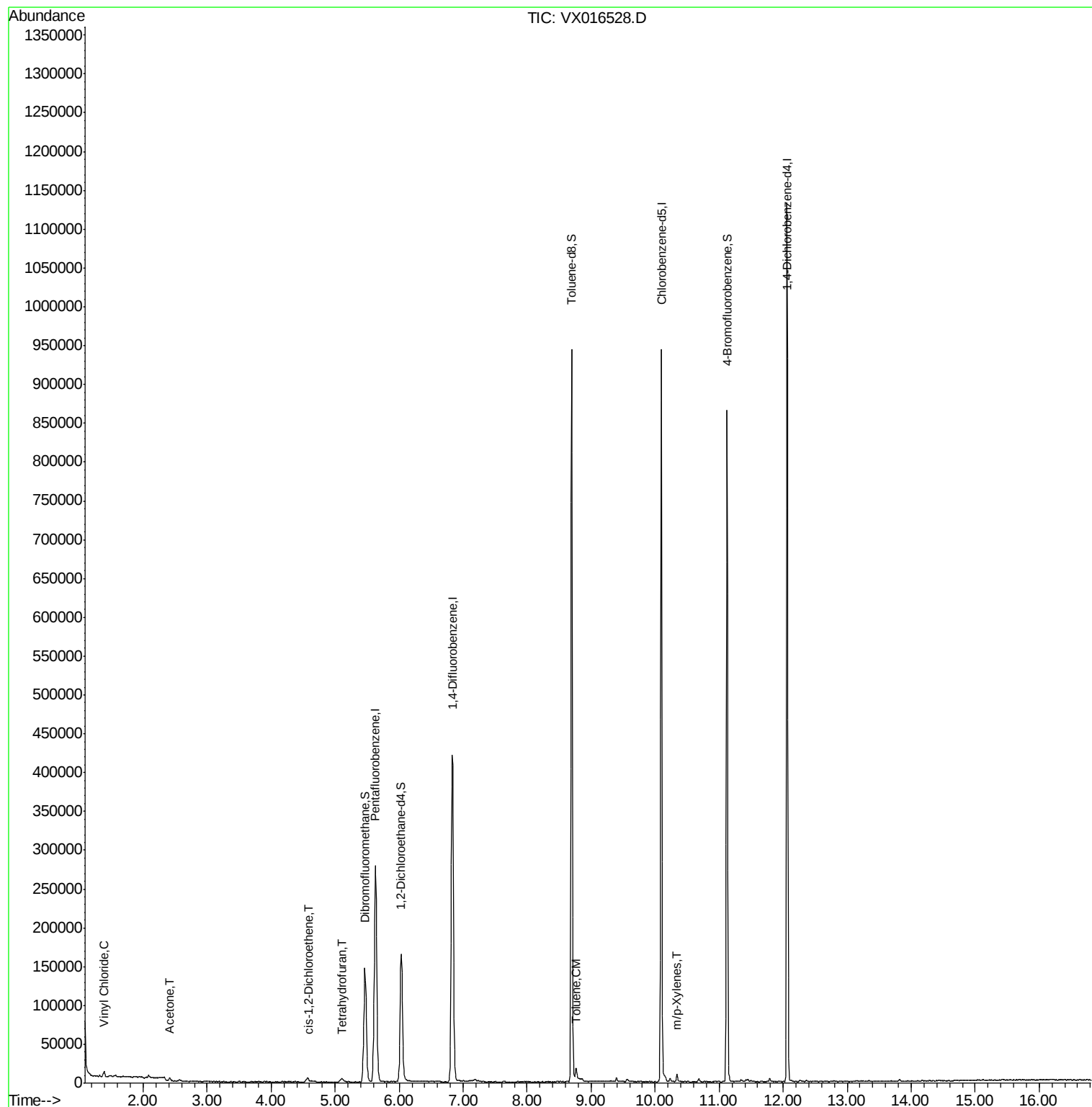
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	271891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	439547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	232945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	156517	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	5.47	113	125937	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
50) Toluene-d8	8.70	98	552088	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
62) 4-Bromofluorobenzene	11.12	95	230016	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	
Target Compounds						
4) Vinyl Chloride	1.39	62	3722	1.088	ug/l	98
16) Acetone	2.42	43	4078	2.757	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	3764	1.124	ug/l #	1
29) Tetrahydrofuran	5.10	42	4192	2.589	ug/l	98
52) Toluene	8.76	92	5057	0.647	ug/l	97
68) m/p-Xylenes	10.34	106	2250	0.372	ug/l	80

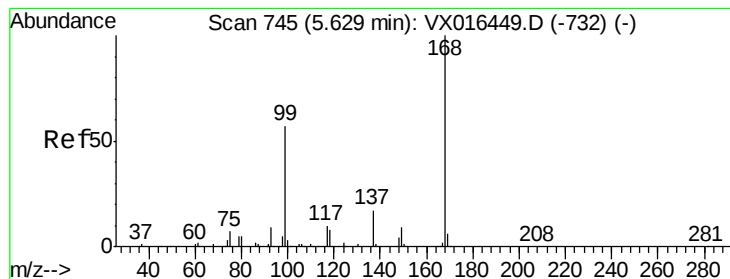
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060120\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016528.D

Acq: 01 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

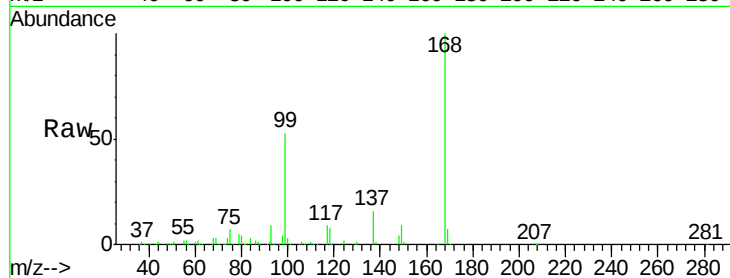
SS050MW035-200527

Tot Ion:168 Resp: 271891

Ion Ratio Lower Upper

168 100

99 53.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

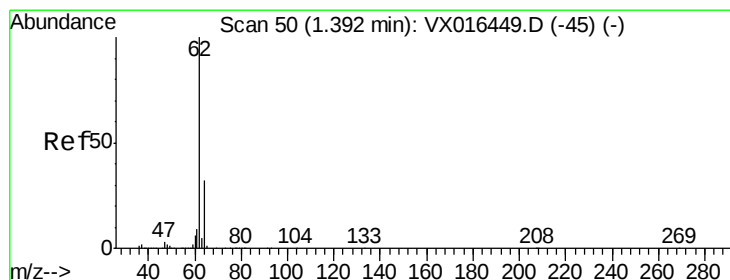
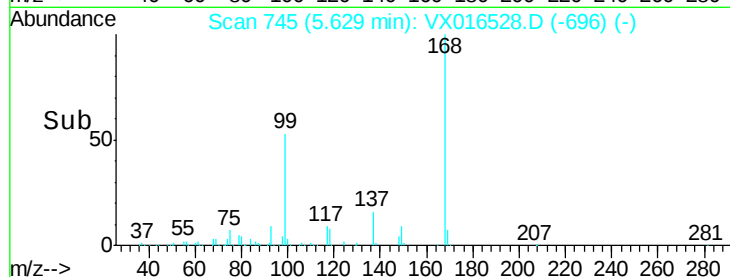
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.088 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016528.D

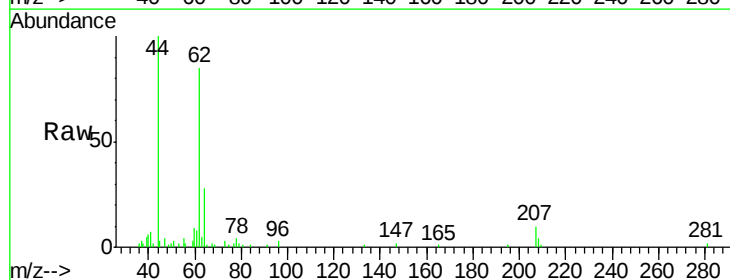
Acq: 01 Jun 2020 14:58

Tgt Ion: 62 Resp: 3722

Ion Ratio Lower Upper

62 100

64 33.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

4000

3000

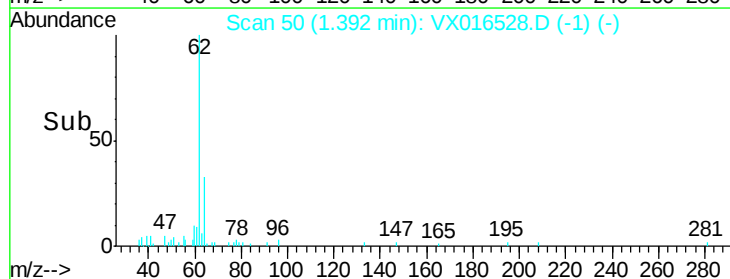
2000

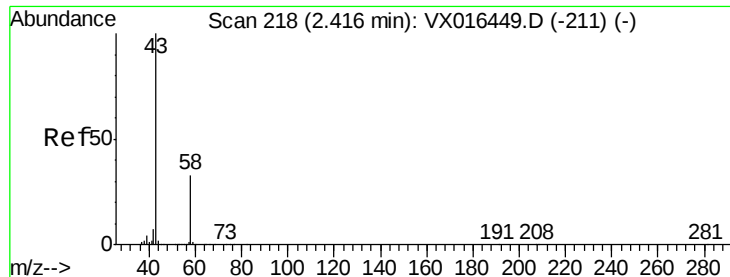
1000

0

Time-->

1.35 1.40 1.45





#16

Acetone

Concen: 2.757 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016528.D

Acq: 01 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

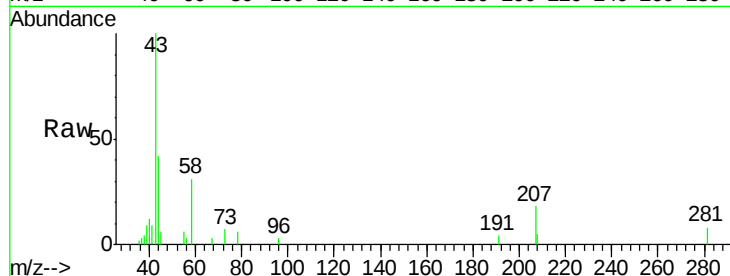
SS050MW035-200527

Tot Ion: 43 Resp: 4078

Ion Ratio Lower Upper

43 100

58 30.9 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

1500

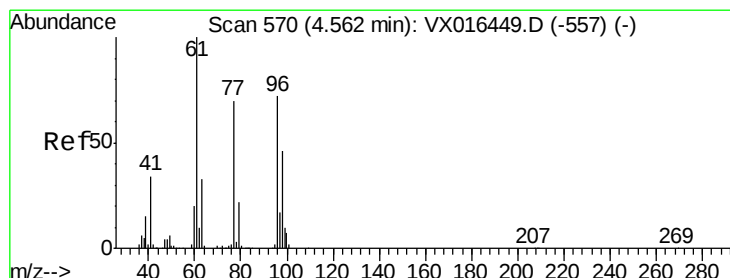
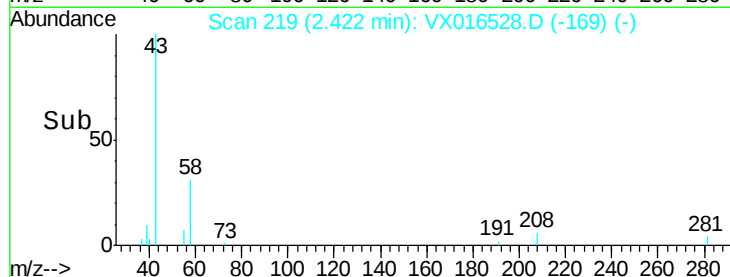
1000

500

0

Time--> 2.35 2.40 2.45

2.42



#27

cis-1,2-Dichloroethene

Concen: 1.124 ug/l

RT: 4.59 min Scan# 574

Delta R.T. 0.02 min

Lab File: VX016528.D

Acq: 01 Jun 2020 14:58

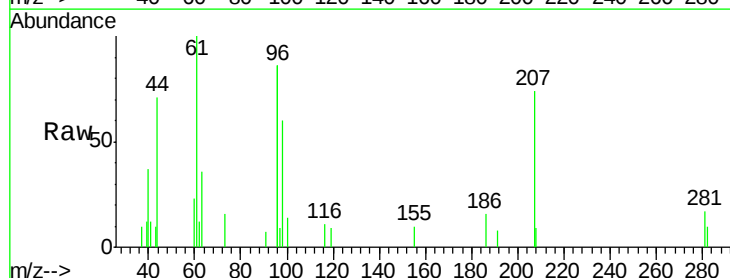
Tgt Ion: 96 Resp: 3764

Ion Ratio Lower Upper

96 100

61 0.0 0.0 284.6

98 0.0 0.0 127.2



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

2000

1500

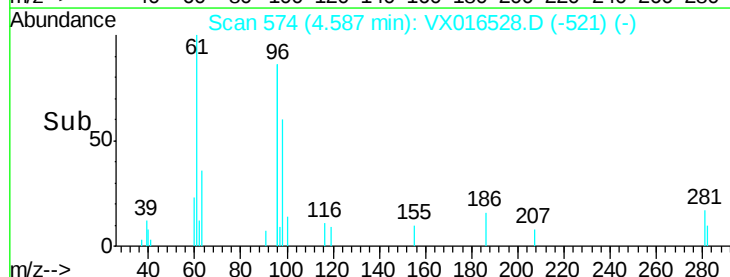
1000

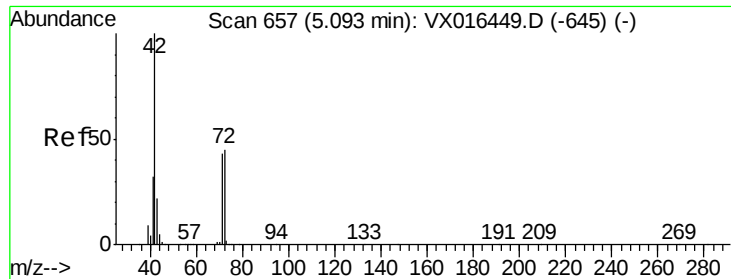
500

0

Time--> 4.45 4.50 4.55 4.60 4.65

4.59

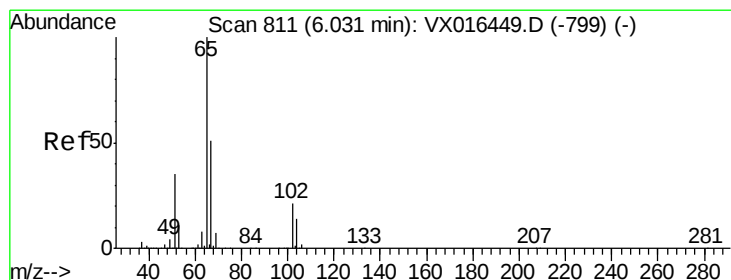
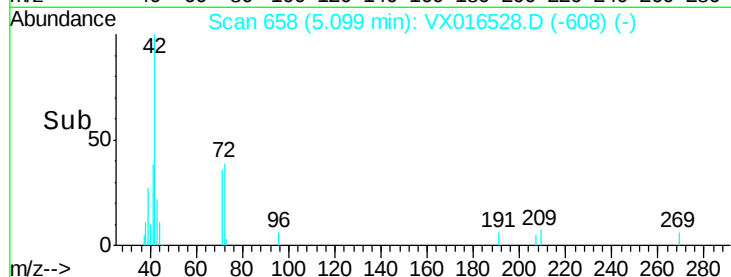
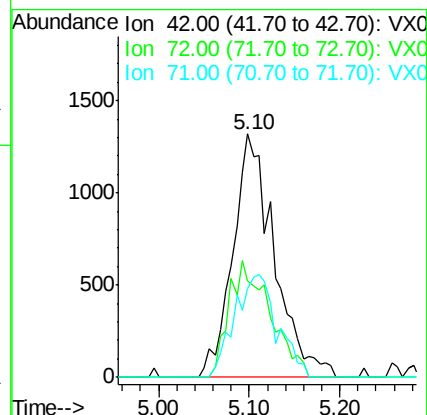
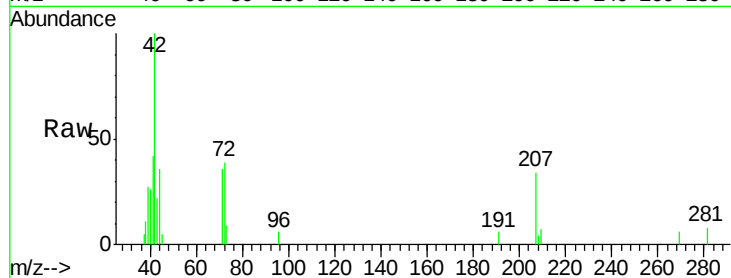




#29
Tetrahydrofuran
Concen: 2.589 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016528.D
Acq: 01 Jun 2020 14:58

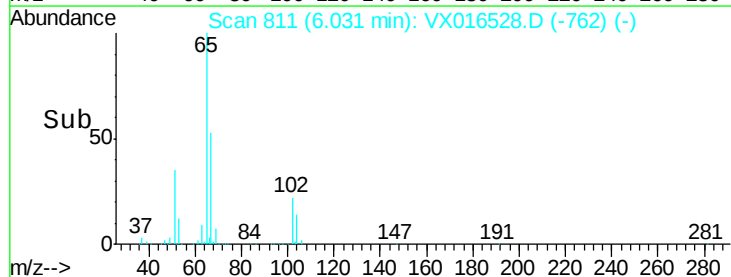
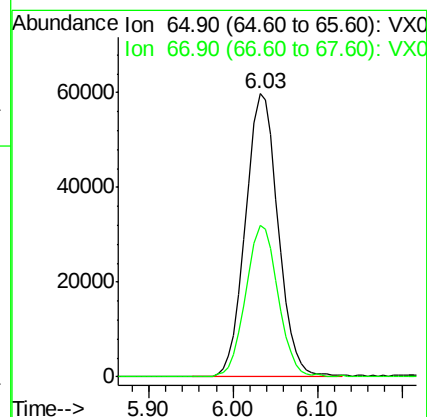
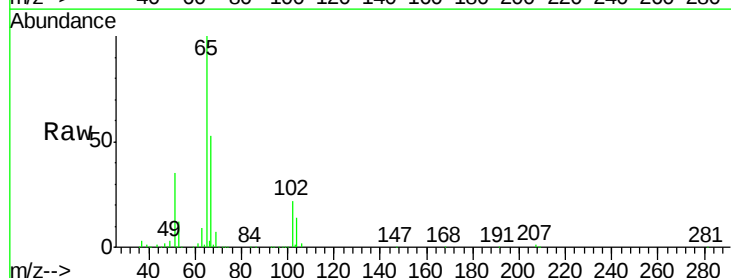
Instrument :
MSVOA_X
ClientSampleId :
SS050MW035-200527

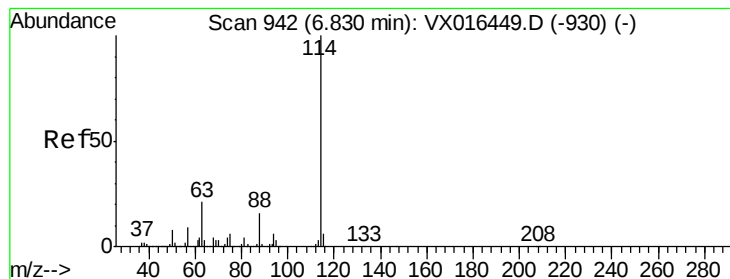
Tot Ion: 42 Resp: 4192
Ion Ratio Lower Upper
42 100
72 47.6 37.0 55.4
71 43.3 34.1 51.1



#33
1,2-Dichloroethane-d4
Concen: 46.354 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016528.D
Acq: 01 Jun 2020 14:58

Tgt Ion: 65 Resp: 156517
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016528.D

Acq: 01 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

SS050MW035-200527

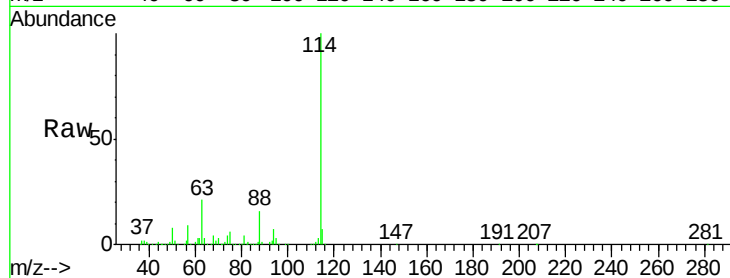
Tot Ion:114 Resp: 439547

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

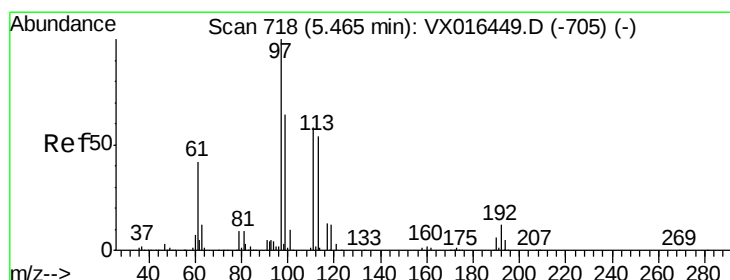
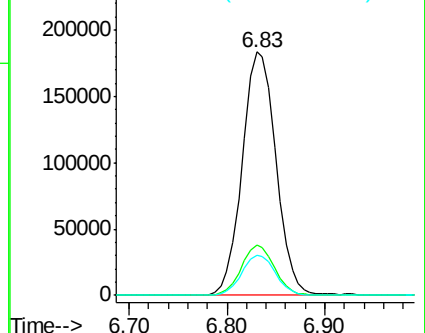
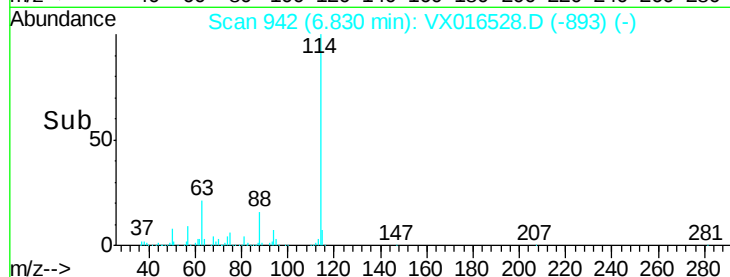
88 16.2 0.0 32.8



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: 46.532 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016528.D

Acq: 01 Jun 2020 14:58

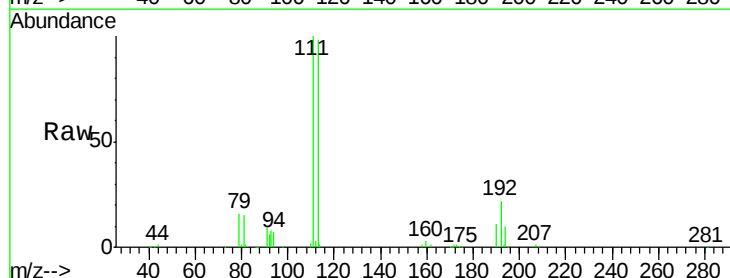
Tgt Ion:113 Resp: 125937

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

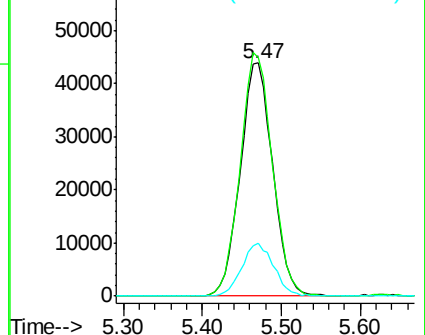
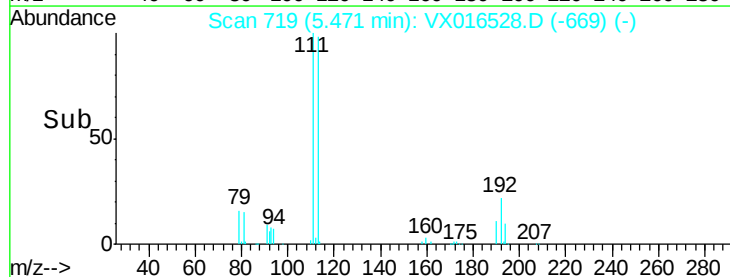
192 22.2 17.7 26.5

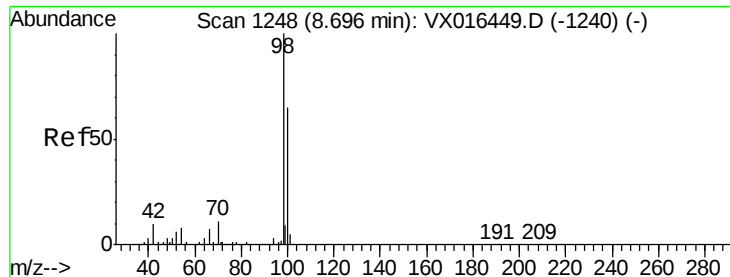


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.409 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016528.D

Acq: 01 Jun 2020 14:58

Instrument :

MSVOA_X

ClientSampleId :

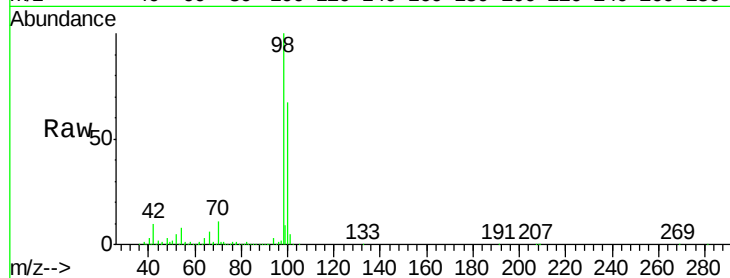
SS050MW035-200527

Tot Ion: 98 Resp: 552088

Ion Ratio Lower Upper

98 100

100 67.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

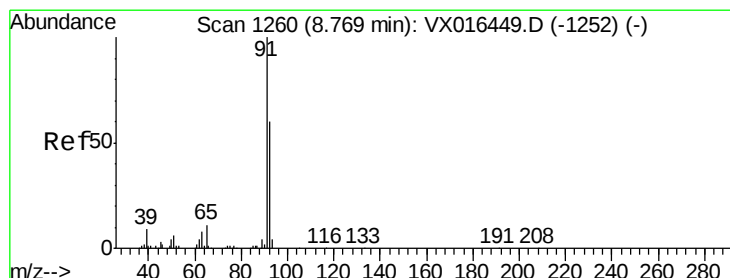
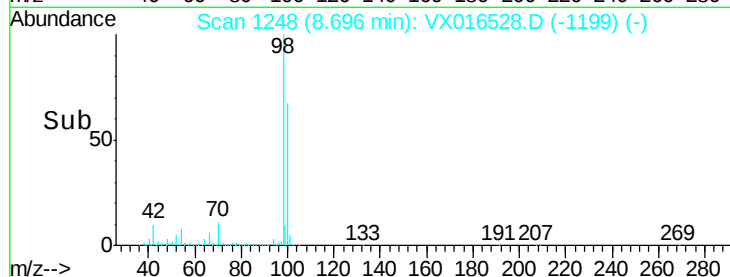
300000

200000

100000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#52

Toluene

Concen: 0.647 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016528.D

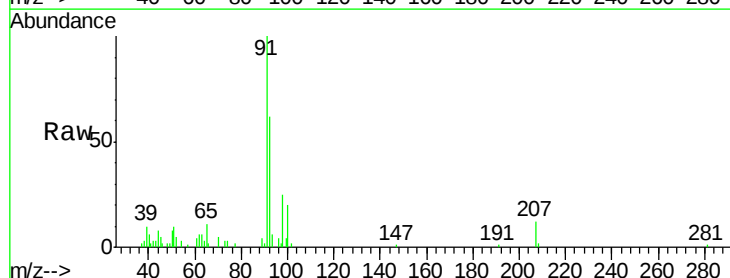
Acq: 01 Jun 2020 14:58

Tgt Ion: 92 Resp: 5057

Ion Ratio Lower Upper

92 100

91 172.7 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

6000

5000

4000

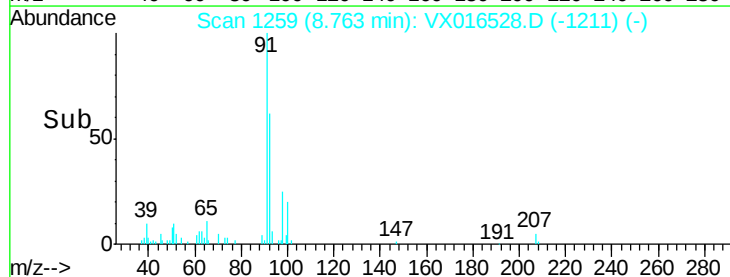
3000

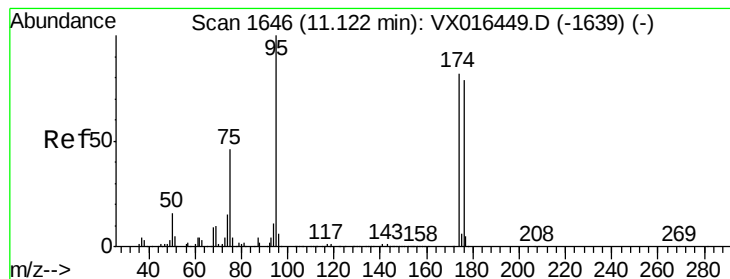
2000

1000

0

Time--> 8.70 8.75 8.80





#62

4-Bromofluorobenzene

Concen: 56.509 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016528.D

Acq: 01 Jun 2020 14:58

Instrument :

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ClientSampleId :

SS050MW035-200527

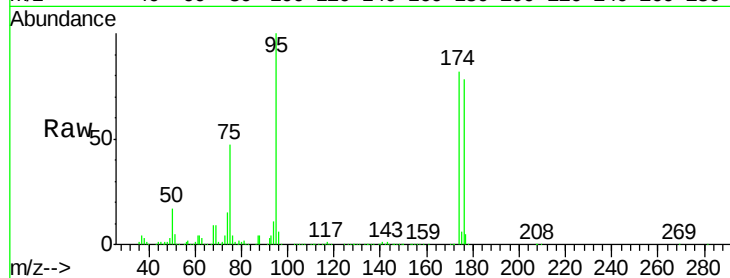
Tot Ion: 95 Resp: 230016

Ion Ratio Lower Upper

95 100

174 82.0 0.0 163.0

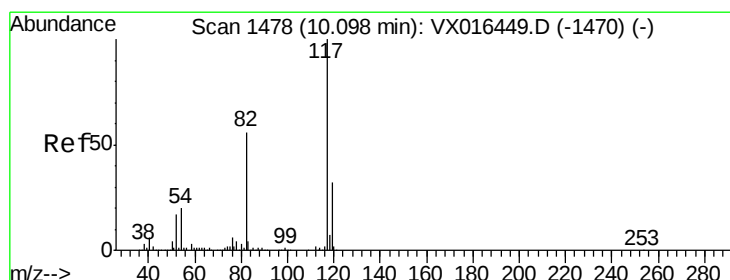
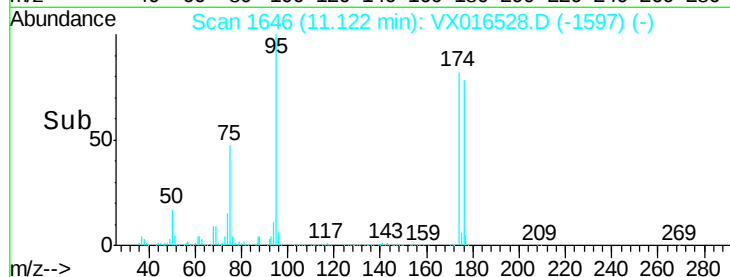
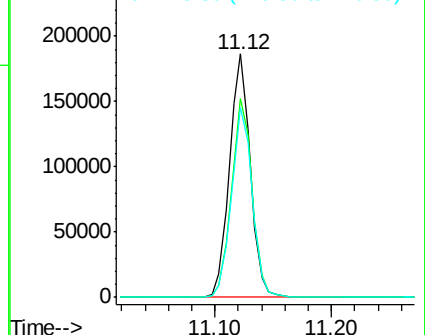
176 78.6 0.0 156.8



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: VX016528.D

Acq: 01 Jun 2020 14:58

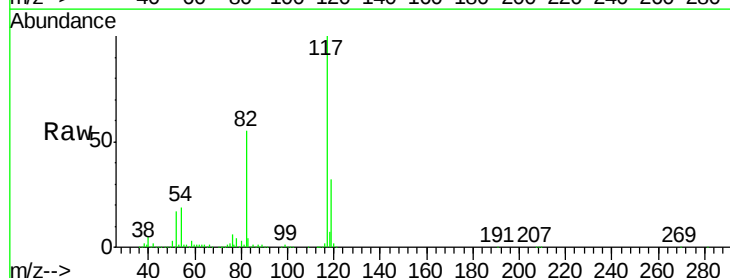
Tgt Ion: 117 Resp: 449260

Ion Ratio Lower Upper

117 100

82 54.6 45.0 67.6

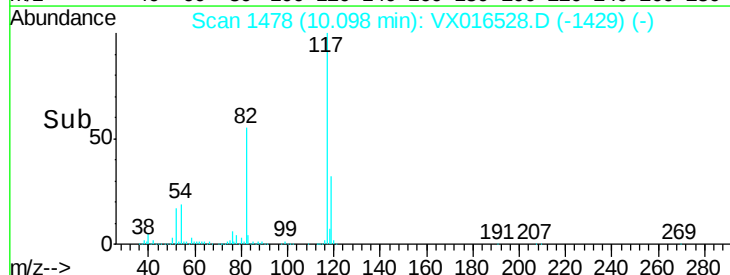
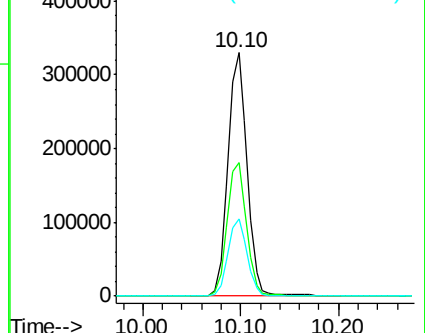
119 31.7 25.8 38.8

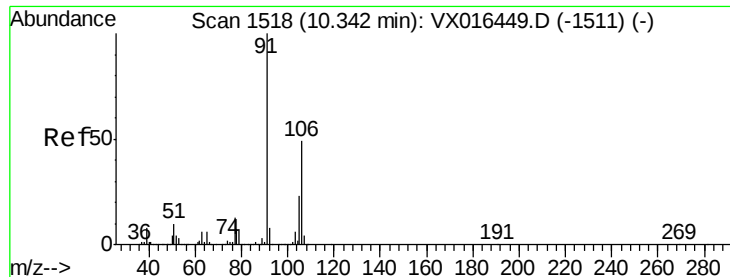


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

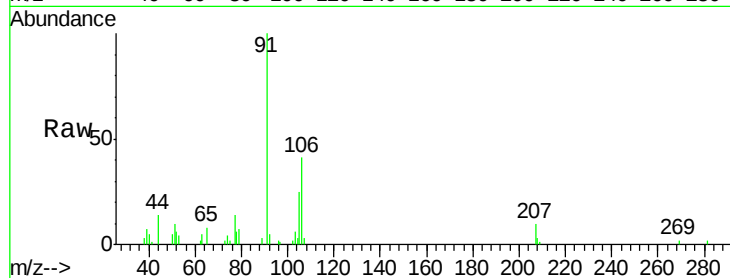




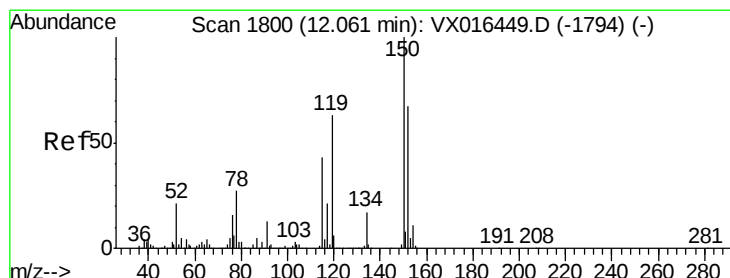
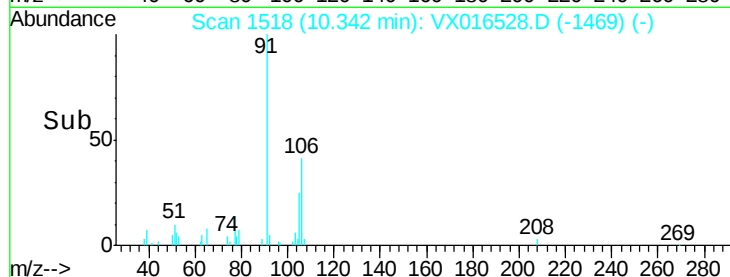
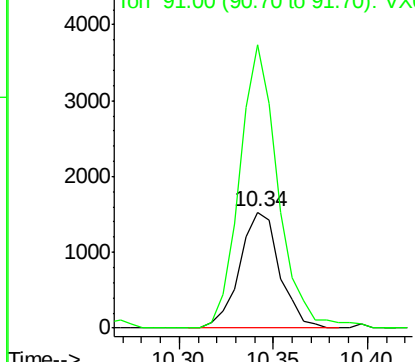
#68
m/p-Xvlenes
Concen: 0.372 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016528.D
Acq: 01 Jun 2020 14:58

Instrument :
MSVOA_X
ClientSampleId :
SS050MW035-200527

Tot Ion:106 Resp: 2250
Ion Ratio Lower Upper
106 100
91 234.8 163.8 245.8

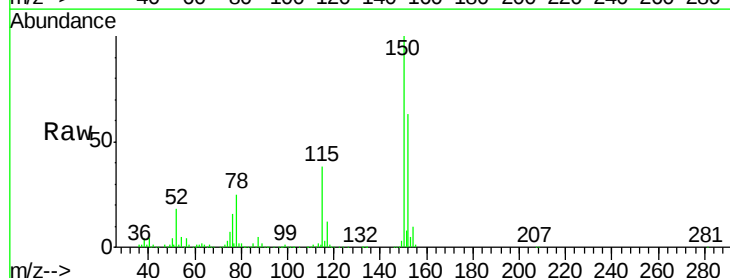


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016528.D
Acq: 01 Jun 2020 14:58

Tgt Ion:152 Resp: 232945
Ion Ratio Lower Upper
152 100
115 58.7 39.9 119.6
150 156.2 0.0 341.0



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

