

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016548.D
 Acq On : 02 Jun 2020 11:56
 Operator : JC/SP
 Sample : L2801-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528

Quant Time: Jun 03 04:28:40 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	352951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	583295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	569038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	291867	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	202969	46.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.62%	
35) Dibromofluoromethane	5.46	113	170969	47.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.20%	
50) Toluene-d8	8.70	98	727622	52.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.12	95	289316	53.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.12%	

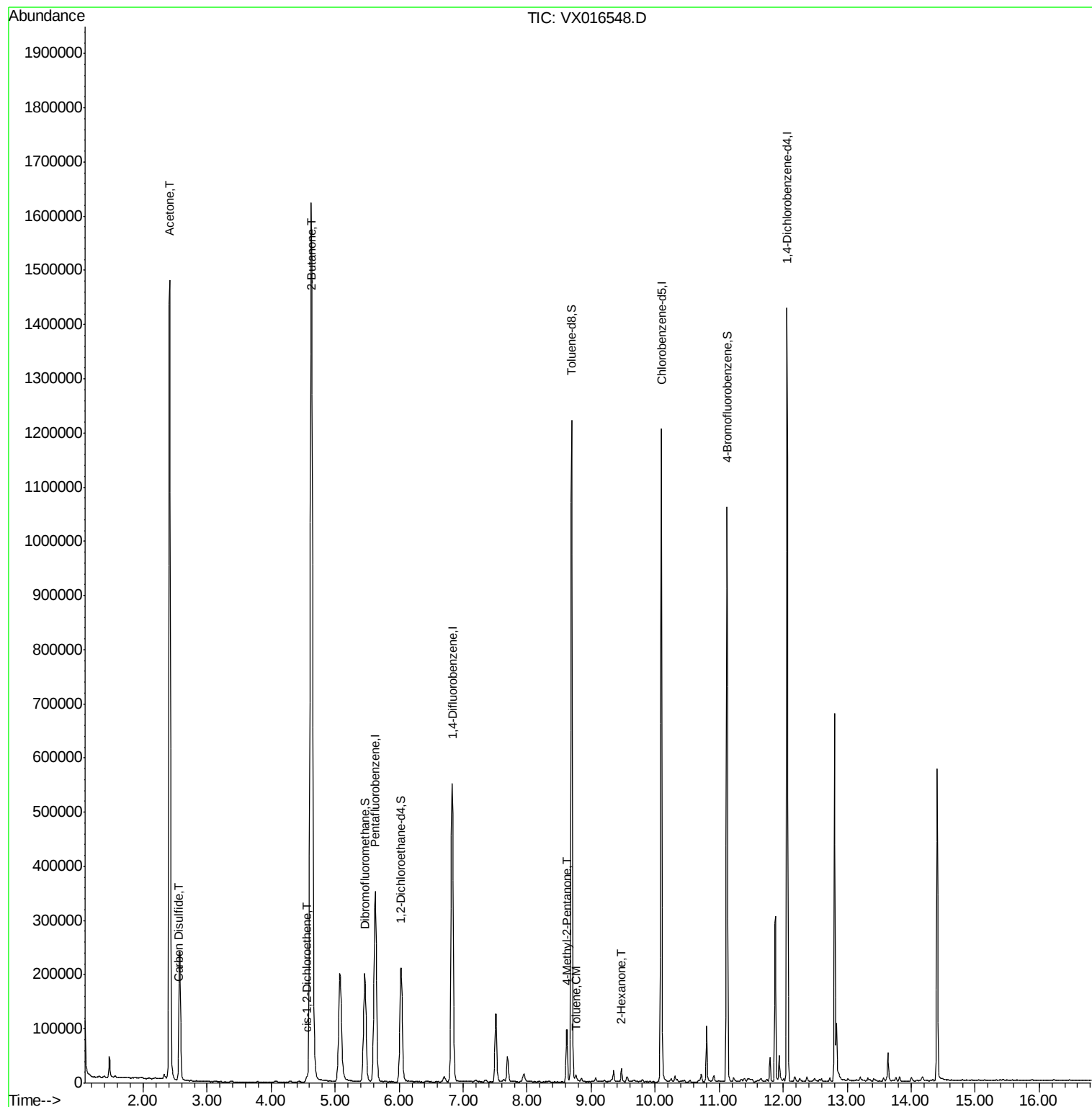
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	1555501	809.997	ug/l	98
17) Carbon Disulfide	2.55	76	5832	0.578	ug/l #	87
25) 2-Butanone	4.63	43	2874839	883.477	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	7098	1.633	ug/l	82
51) 4-Methyl-2-Pentanone	8.62	43	56175	8.723	ug/l	98
52) Toluene	8.76	92	2998	0.289	ug/l	99
59) 2-Hexanone	9.47	43	14650	2.925	ug/l	94

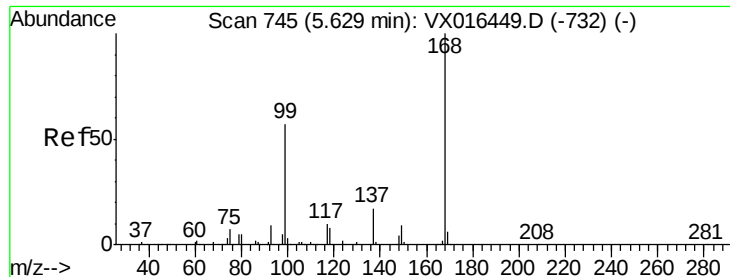
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060220\
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Acq On : 02 Jun 2020 11:56
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Quant Time: Jun 03 04:28:40 2020
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: VX016548.D

Acq: 02 Jun 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

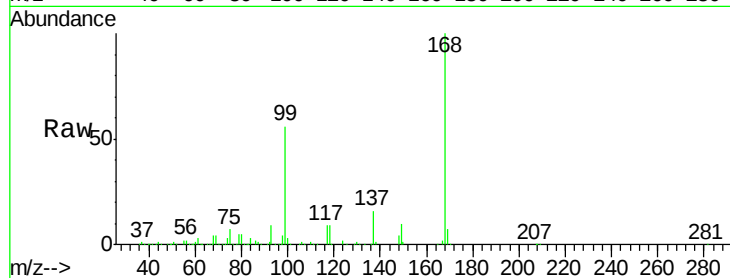
SS050MW641-200528

Tot Ion:168 Resp: 352951

Ion Ratio Lower Upper

168 100

99 56.3 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

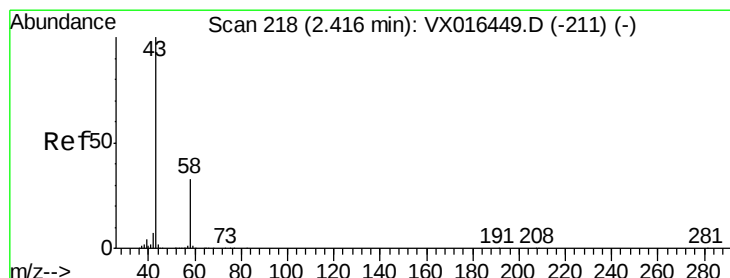
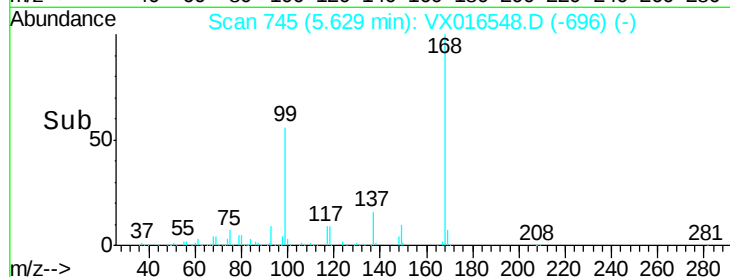
100000

50000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 809.997 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016548.D

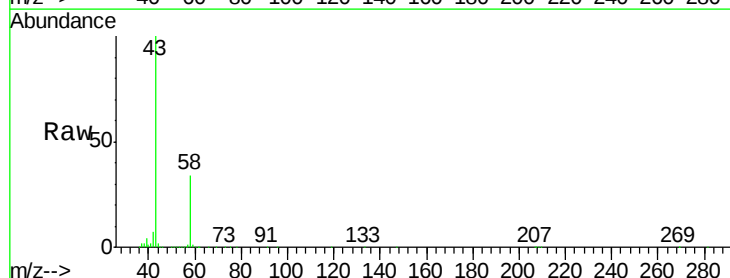
Acq: 02 Jun 2020 11:56

Tgt Ion: 43 Resp: 1555501

Ion Ratio Lower Upper

43 100

58 33.9 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

1000000

800000

600000

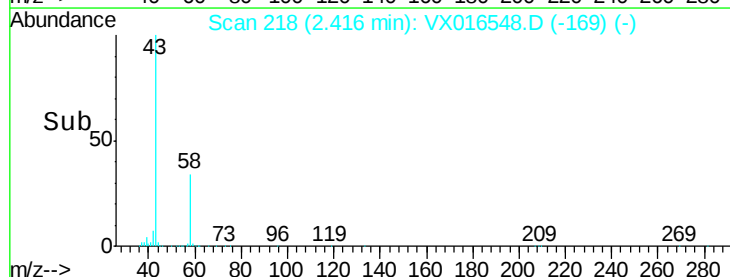
400000

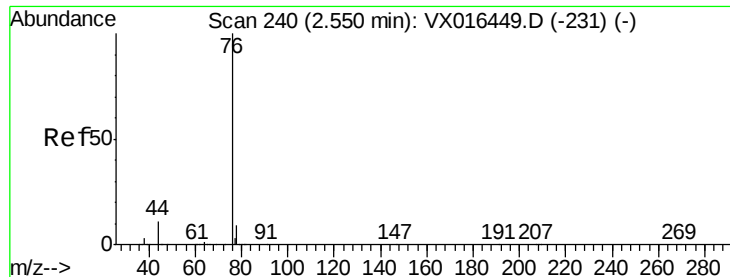
200000

0

Time-->

2.30 2.40 2.50





#17

Carbon Disulfide

Concen: 0.578 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016548.D

Acq: 02 Jun 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

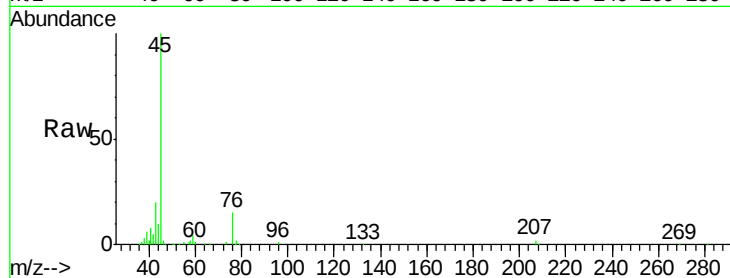
SS050MW641-200528

Tot Ion: 76 Resp: 5832

Ion Ratio Lower Upper

76 100

78 14.0 7.4 11.0#

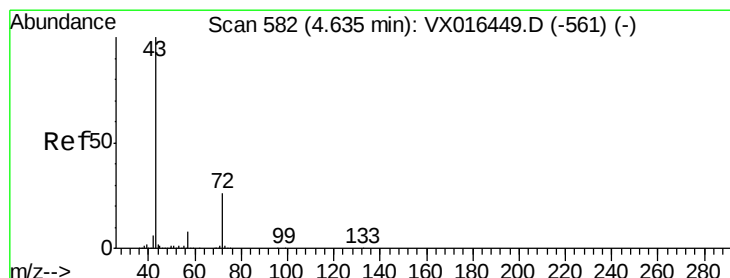
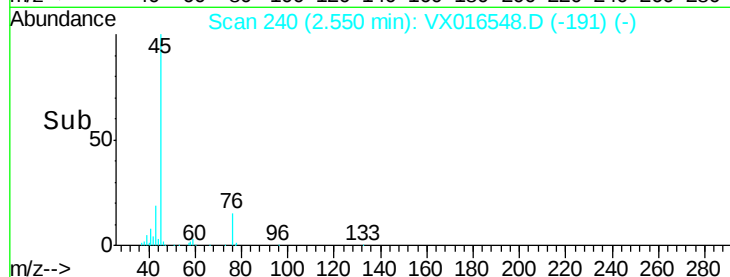


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

Time-->



#25

2-Butanone

Concen: 883.477 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016548.D

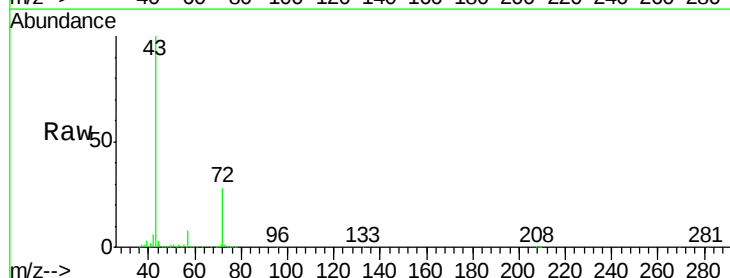
Acq: 02 Jun 2020 11:56

Tgt Ion: 43 Resp: 2874839

Ion Ratio Lower Upper

43 100

72 27.7 21.0 31.6

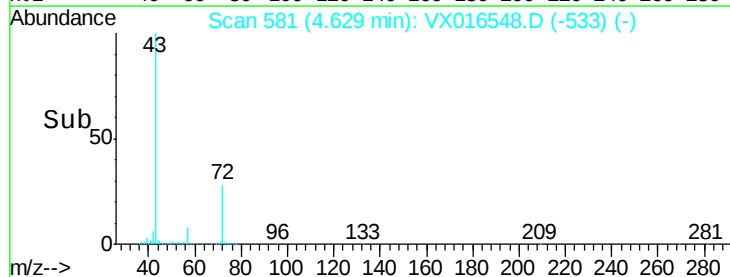


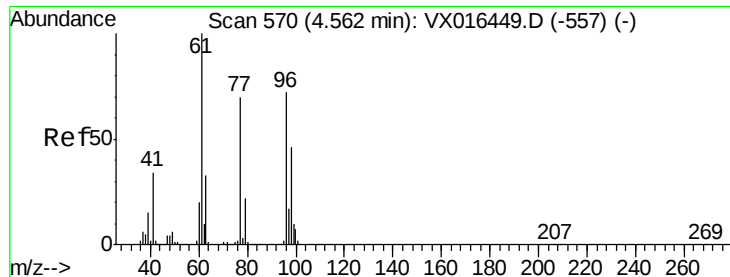
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

Time-->



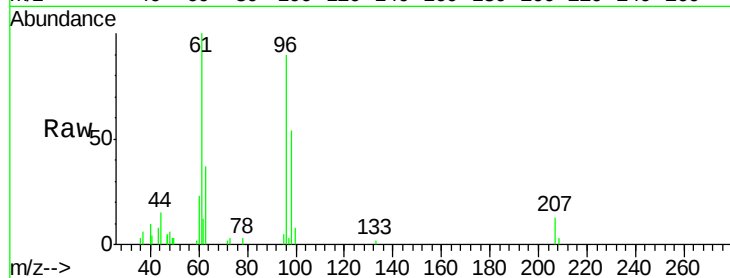


#27

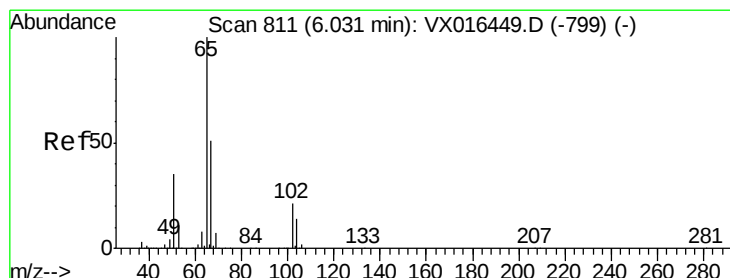
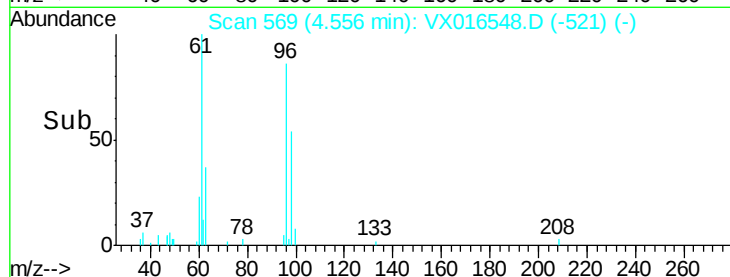
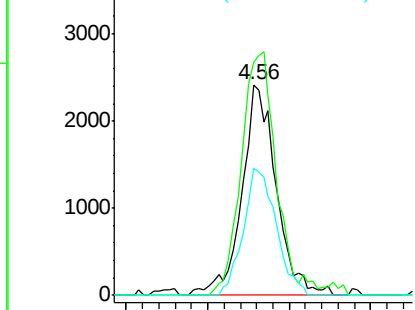
cis-1,2-Dichloroethene
 Concen: 1.633 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016548.D
 Acq: 02 Jun 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528

Tot Ion	Ratio	Lower	Upper
96	100		
61	114.3	0.0	284.6
98	57.4	0.0	127.2



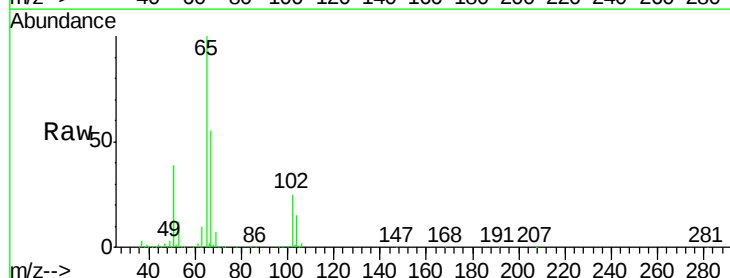
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



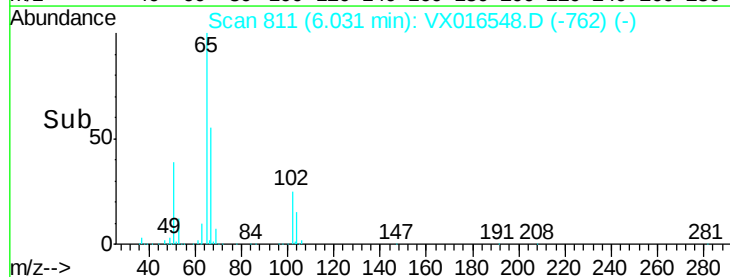
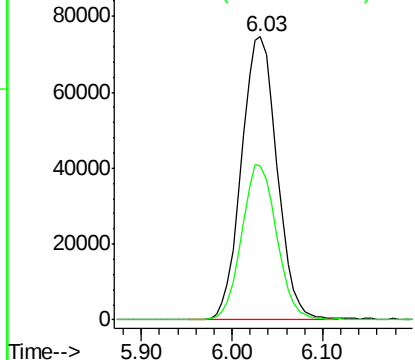
#33

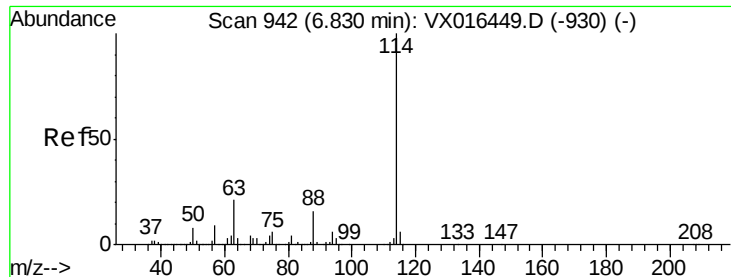
1,2-Dichloroethane-d4
 Concen: 46.306 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016548.D
 Acq: 02 Jun 2020 11:56

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	104.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016548.D

Acq: 02 Jun 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528

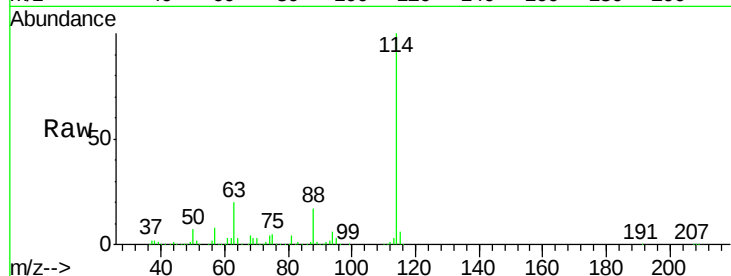
Tot Ion:114 Resp: 583295

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

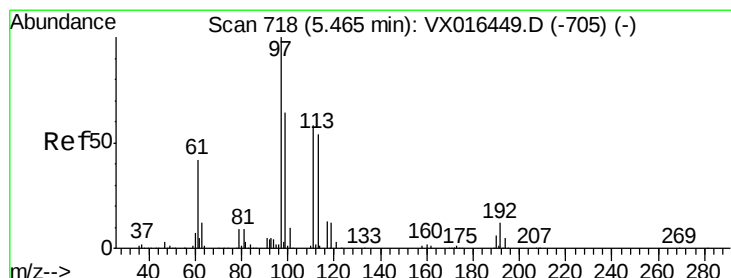
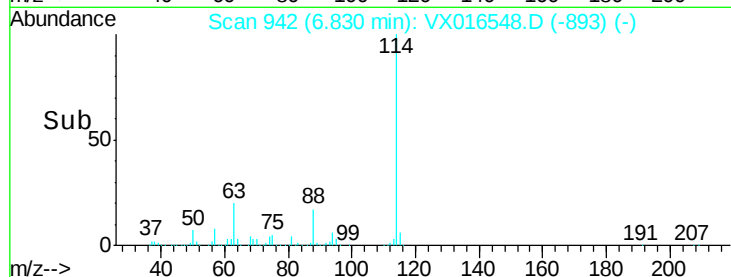
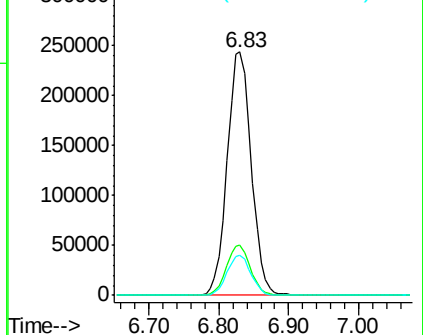
88 16.7 0.0 32.8



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: 47.602 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016548.D

Acq: 02 Jun 2020 11:56

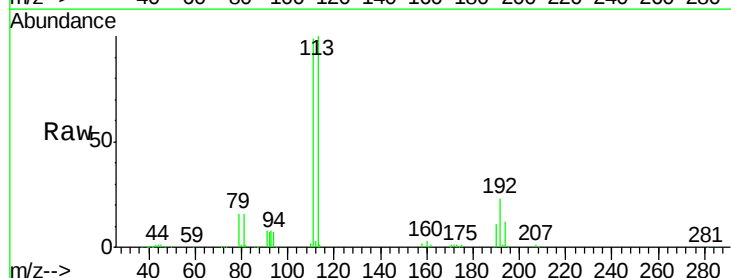
Tgt Ion:113 Resp: 170969

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

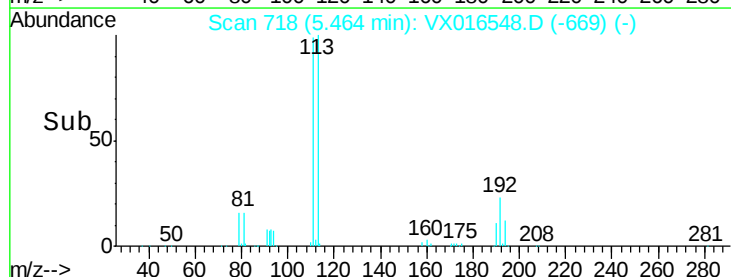
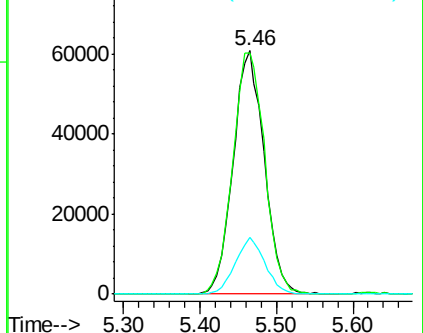
192 22.3 17.7 26.5

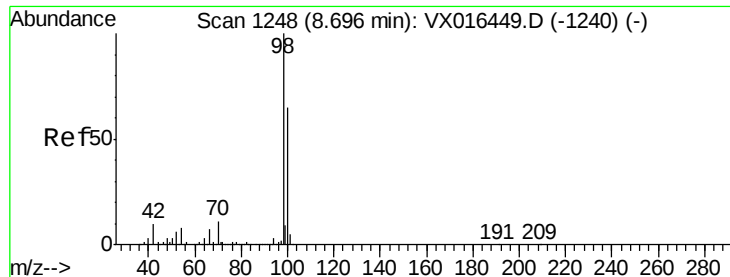


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.050 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016548.D

Acq: 02 Jun 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

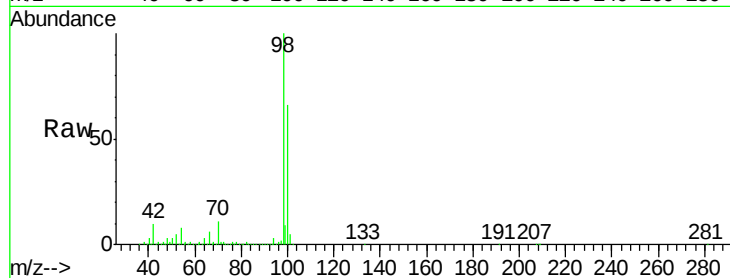
SS050MW641-200528

Tot Ion: 98 Resp: 727622

Ion Ratio Lower Upper

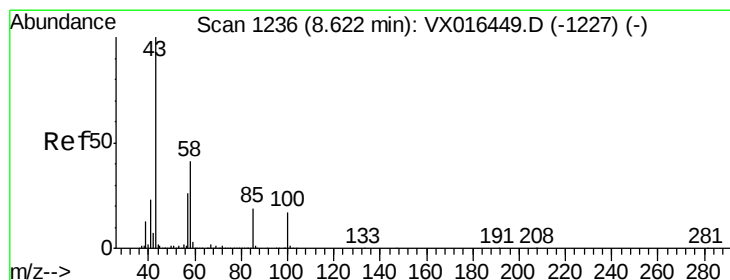
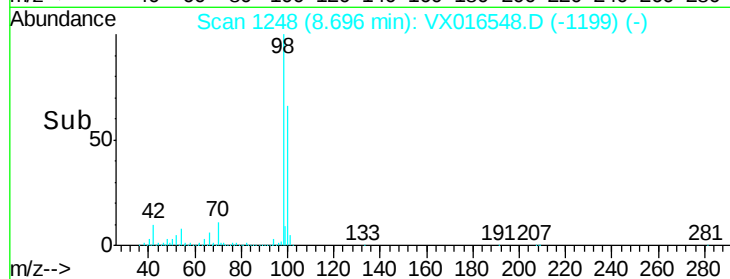
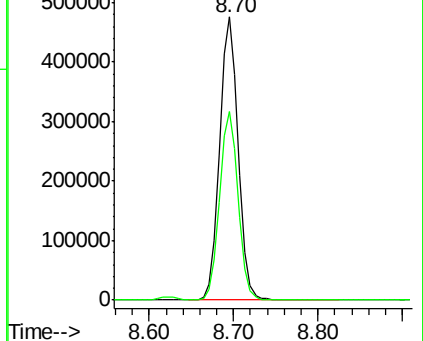
98 100

100 66.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 8.723 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016548.D

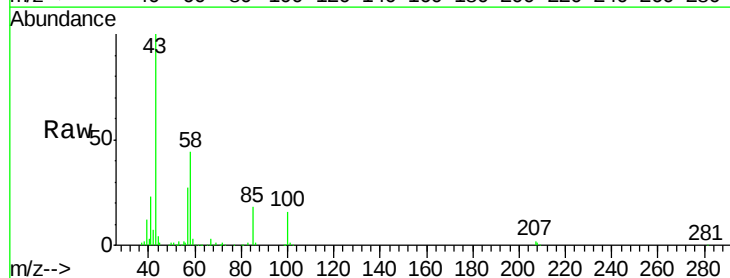
Acq: 02 Jun 2020 11:56

Tgt Ion: 43 Resp: 56175

Ion Ratio Lower Upper

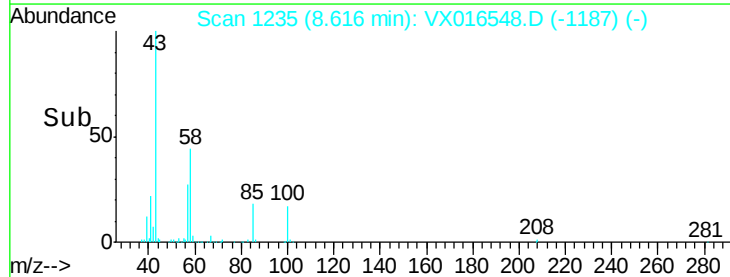
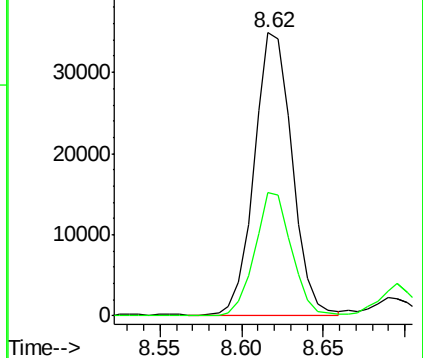
43 100

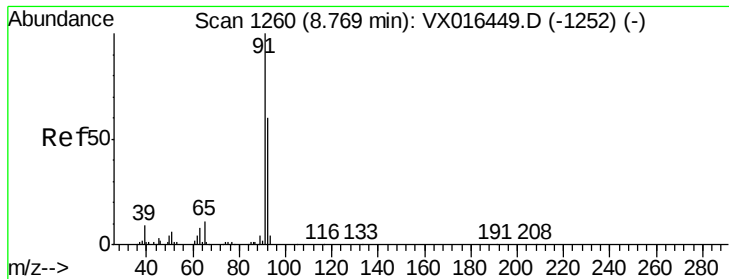
58 42.7 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.289 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016548.D

Acq: 02 Jun 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

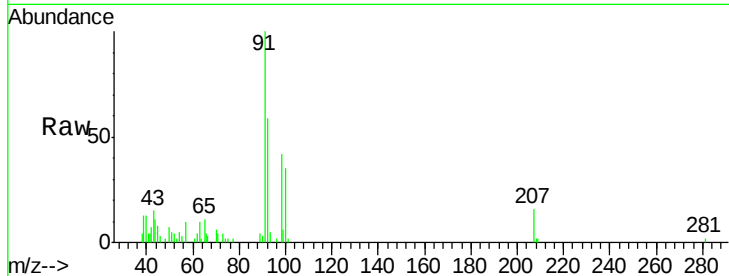
SS050MW641-200528

Tot Ion: 92 Resp: 2998

Ion Ratio Lower Upper

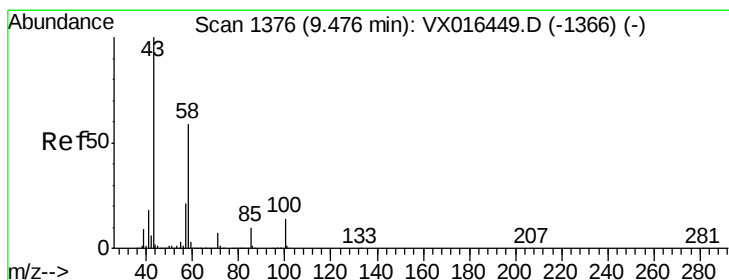
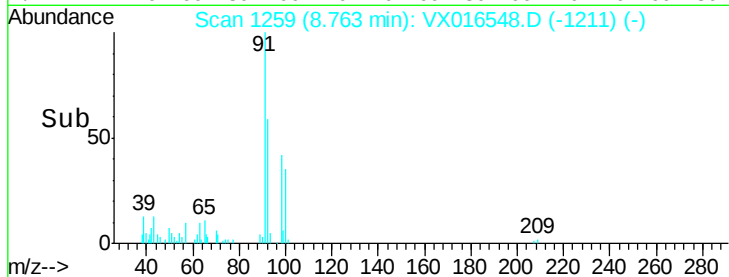
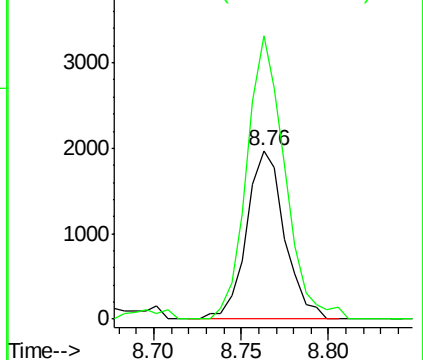
92 100

91 167.5 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 2.925 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.01 min

Lab File: VX016548.D

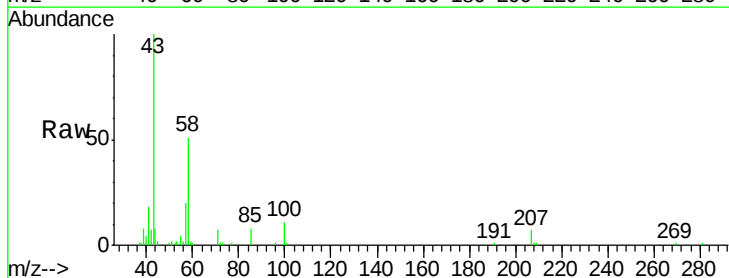
Acq: 02 Jun 2020 11:56

Tgt Ion: 43 Resp: 14650

Ion Ratio Lower Upper

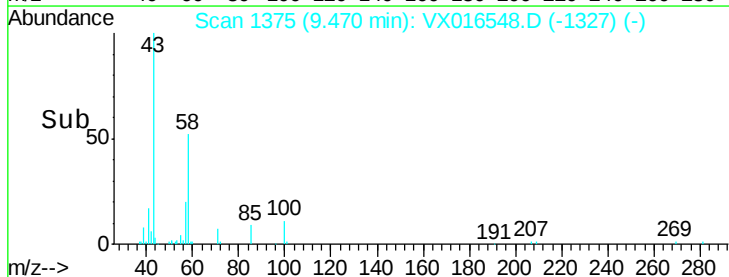
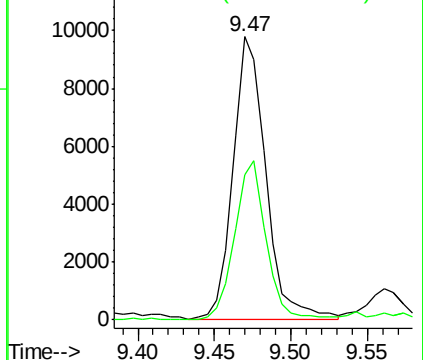
43 100

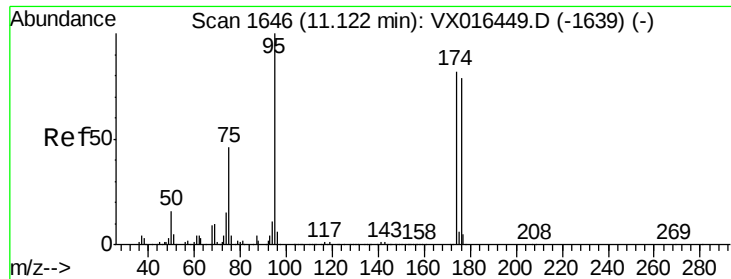
58 53.4 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.561 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016548.D

Acq: 02 Jun 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528

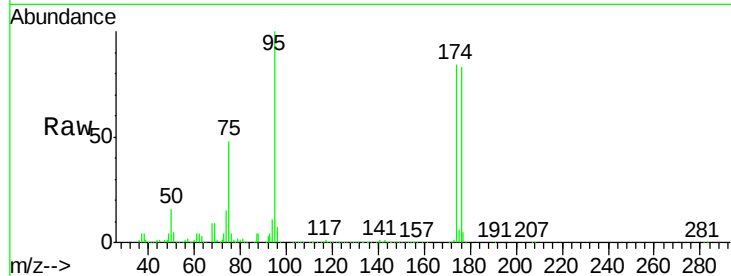
Tot Ion: 95 Resp: 289316

Ion Ratio Lower Upper

95 100

174 81.0 0.0 163.0

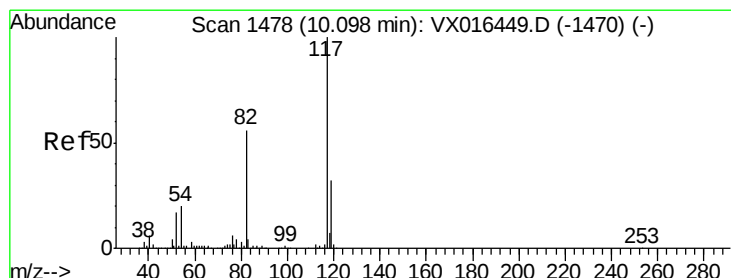
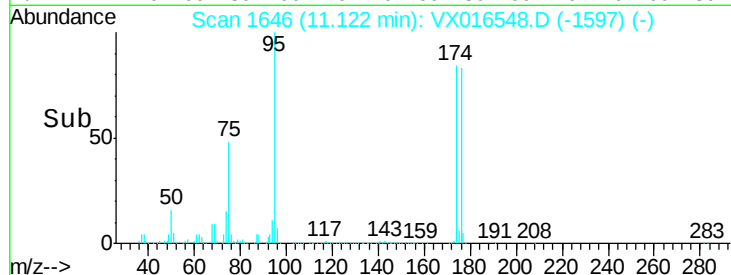
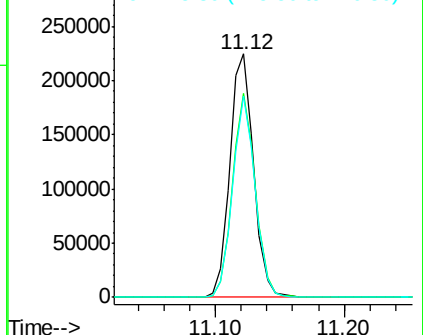
176 79.0 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016548.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016548.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016548.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016548.D

Acq: 02 Jun 2020 11:56

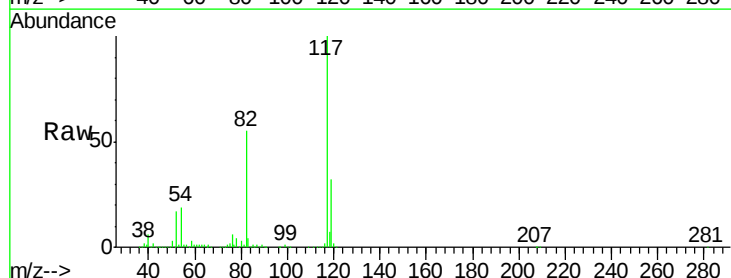
Tgt Ion: 117 Resp: 569038

Ion Ratio Lower Upper

117 100

82 54.9 45.0 67.6

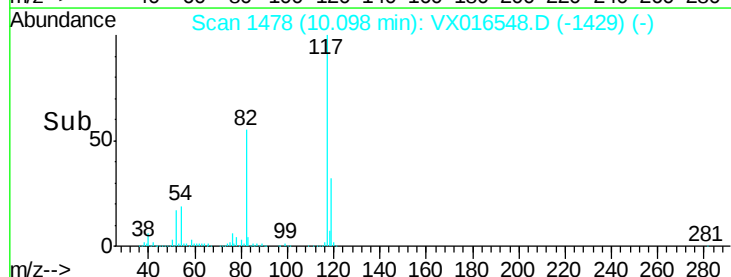
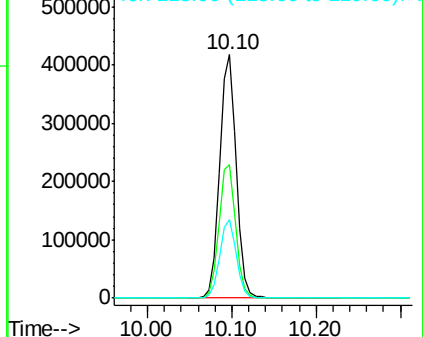
119 32.3 25.8 38.8

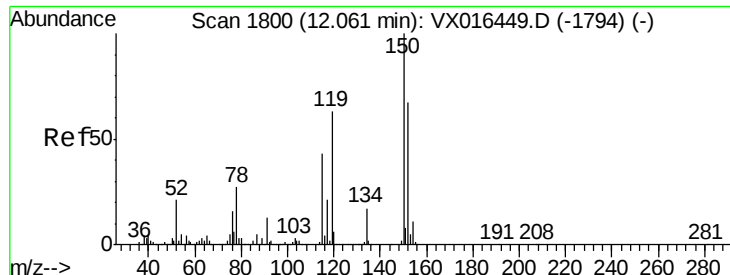


Abundance Ion 116.90 (116.60 to 117.60): VX016548.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016548.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016548.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016548.D

Acq: 02 Jun 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528

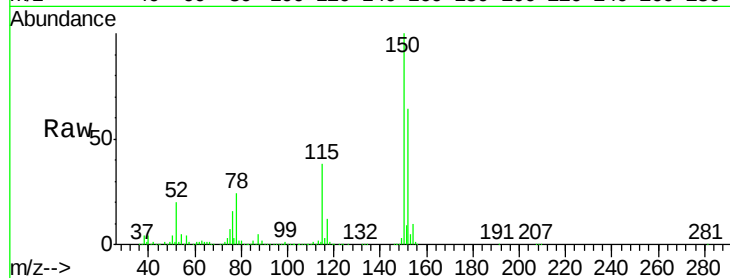
Tot Ion:152 Resp: 291867

Ion Ratio Lower Upper

152 100

115 59.2 39.9 119.6

150 156.9 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

