

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016533.D
 Acq On : 01 Jun 2020 16:52
 Operator : JC/SP
 Sample : L2802-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527

Quant Time: Jun 02 08:54:44 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

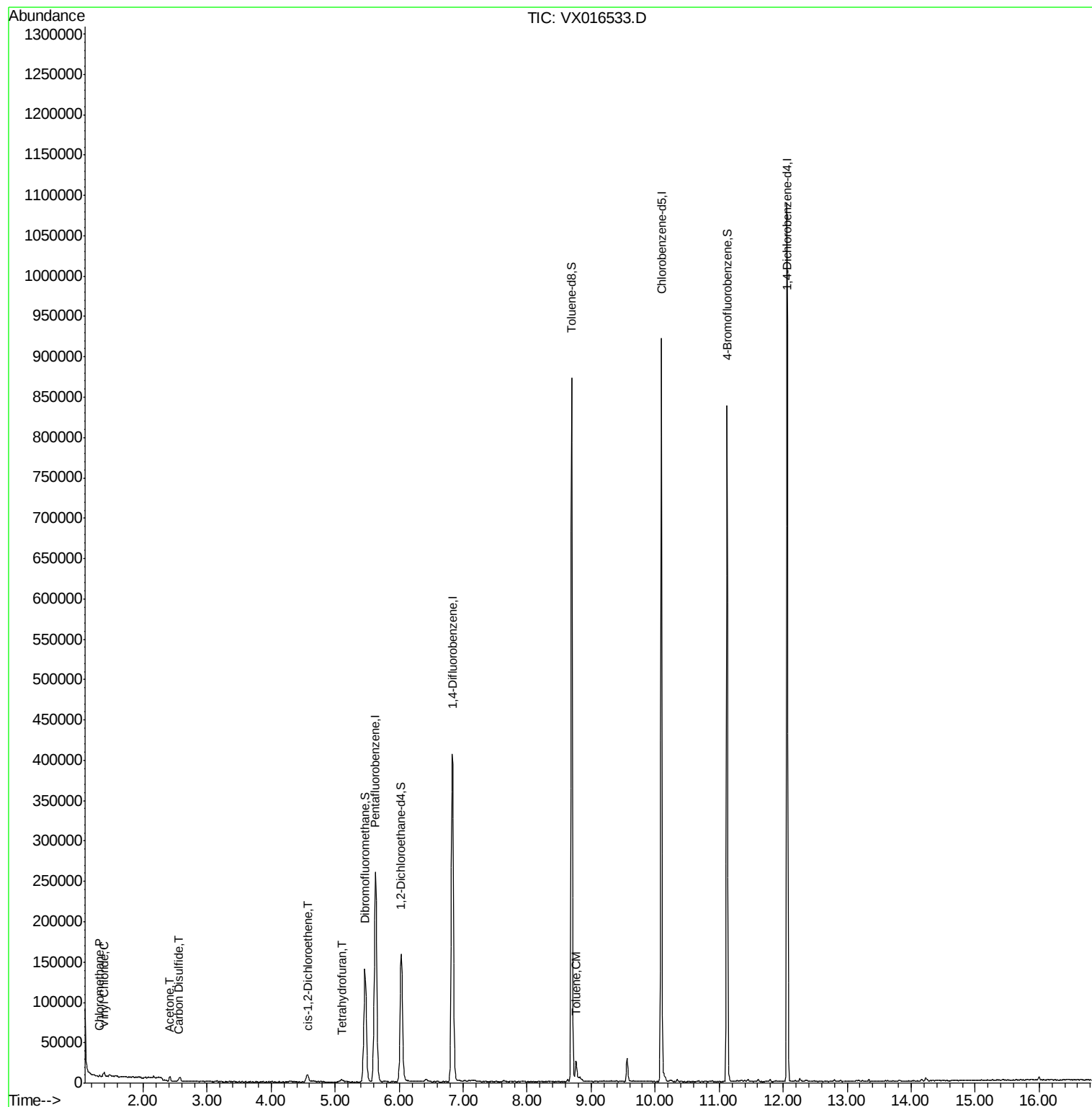
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	256349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	417644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	151763	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	5.46	113	122101	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
50) Toluene-d8	8.70	98	526128	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.12	95	213836	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	1357	0.445	ug/l	100
4) Vinyl Chloride	1.39	62	3295	1.022	ug/l	91
16) Acetone	2.42	43	5099	3.656	ug/l	92
17) Carbon Disulfide	2.55	76	2447	0.334	ug/l #	78
27) cis-1,2-Dichloroethene	4.57	96	6093	1.930	ug/l	84
29) Tetrahydrofuran	5.11	42	3132	2.051	ug/l	91
52) Toluene	8.77	92	8688	1.170	ug/l	93

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

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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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016533.D

Acq: 01 Jun 2020 16:52

Instrument :

MSVOA_X

ClientSampleId :

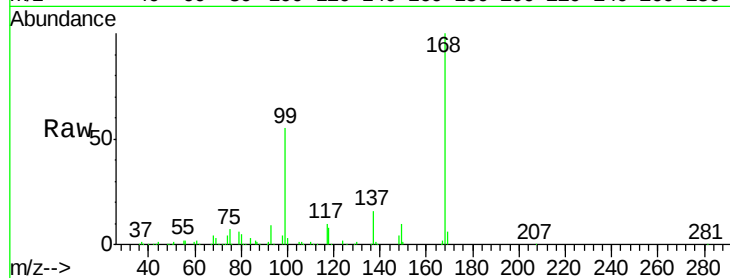
SS050MW113-200527

Tot Ion:168 Resp: 256349

Ion Ratio Lower Upper

168 100

99 55.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

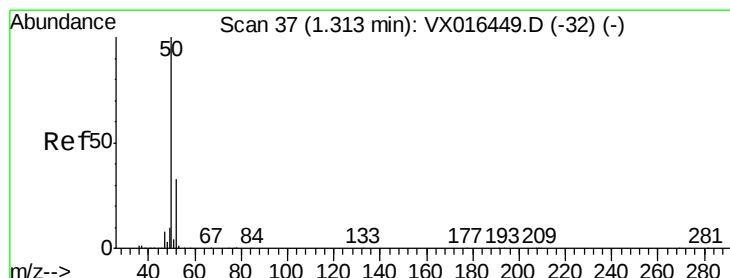
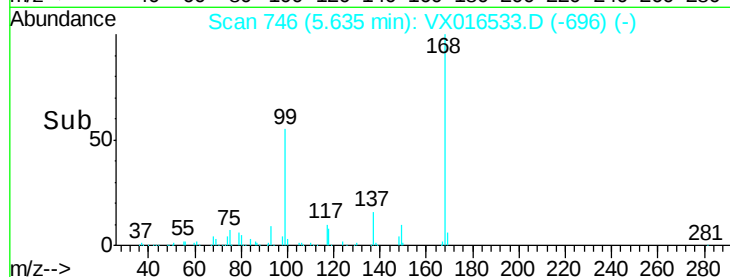
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.445 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016533.D

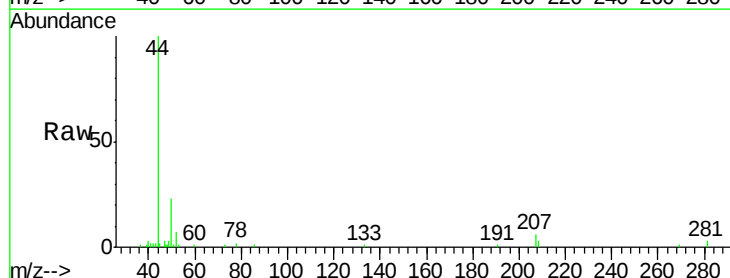
Acq: 01 Jun 2020 16:52

Tgt Ion: 50 Resp: 1357

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

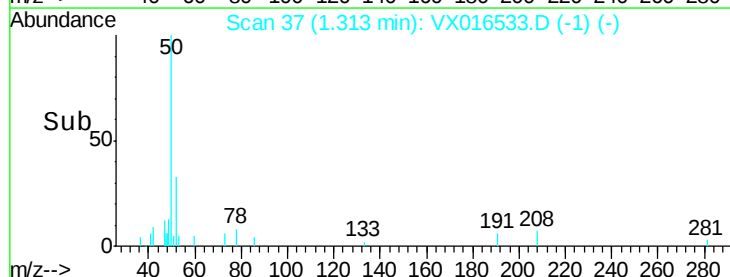
1.31

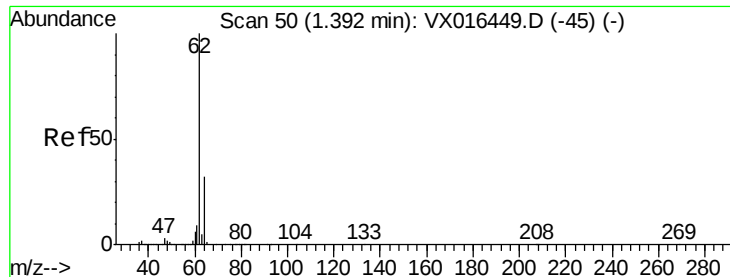
1000

500

0

Time-->





#4

Vinyl Chloride

Concen: 1.022 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016533.D

Acq: 01 Jun 2020 16:52

Instrument :

MSVOA_X

ClientSampleId :

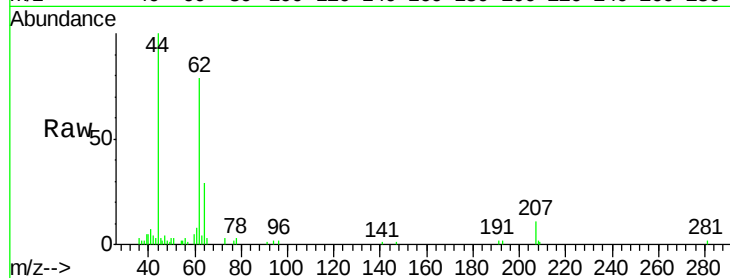
SS050MW113-200527

Tot Ion: 62 Resp: 3295

Ion Ratio Lower Upper

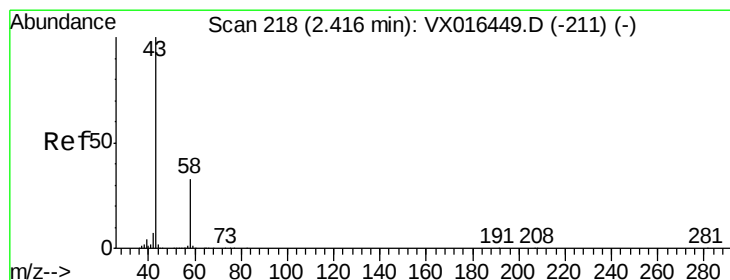
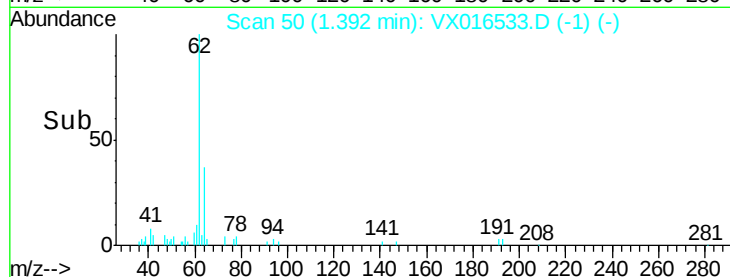
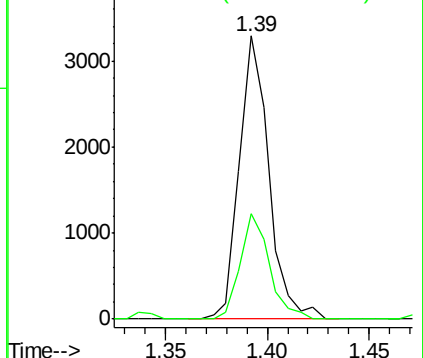
62 100

64 37.2 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#16

Acetone

Concen: 3.656 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016533.D

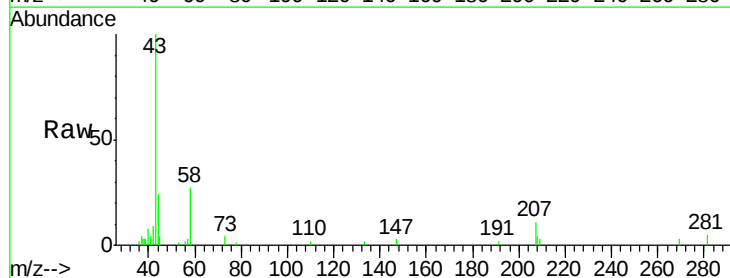
Acq: 01 Jun 2020 16:52

Tgt Ion: 43 Resp: 5099

Ion Ratio Lower Upper

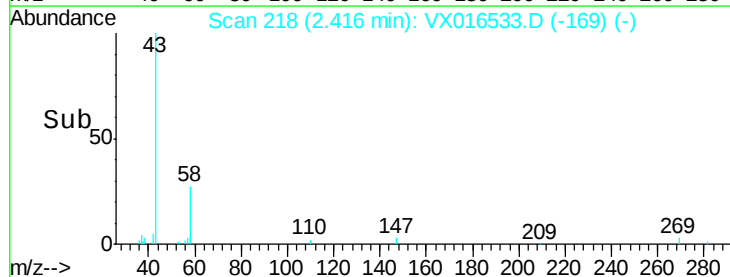
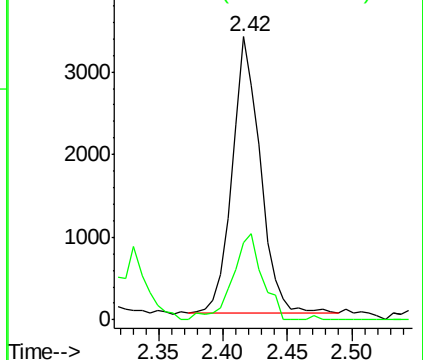
43 100

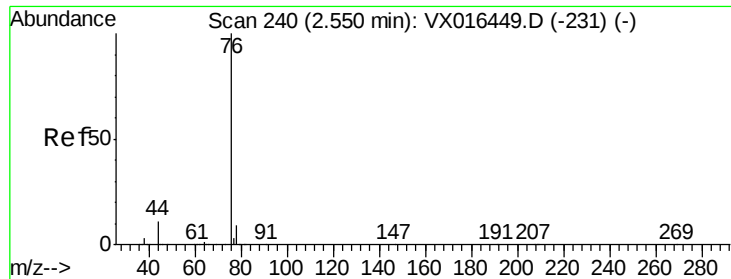
58 28.0 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

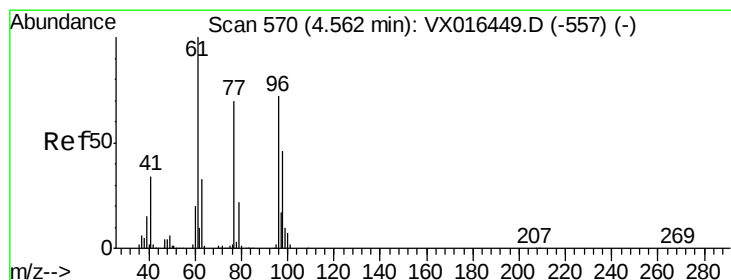
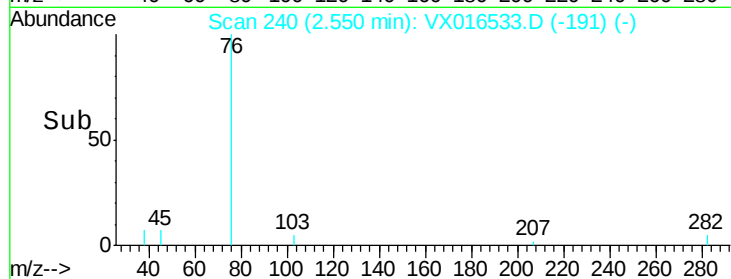
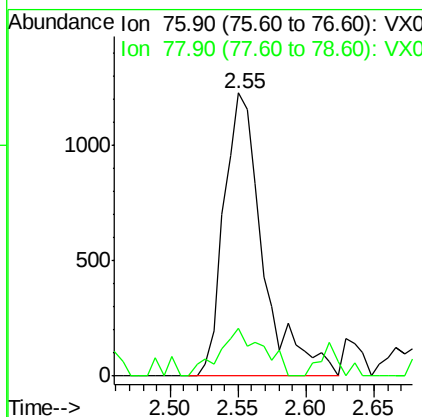
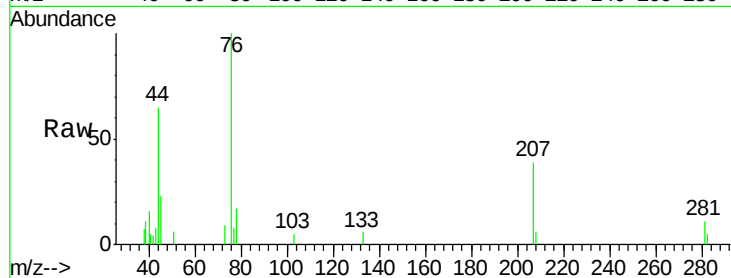




#17
Carbon Disulfide
Concen: 0.334 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016533.D
Acq: 01 Jun 2020 16:52

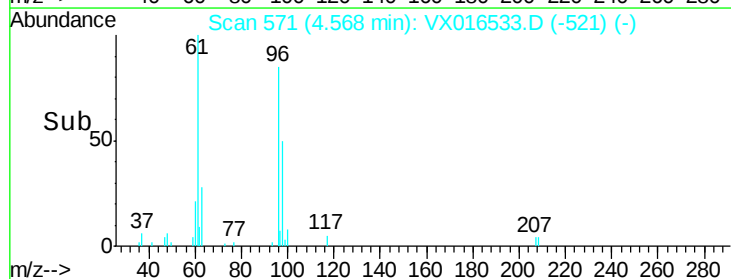
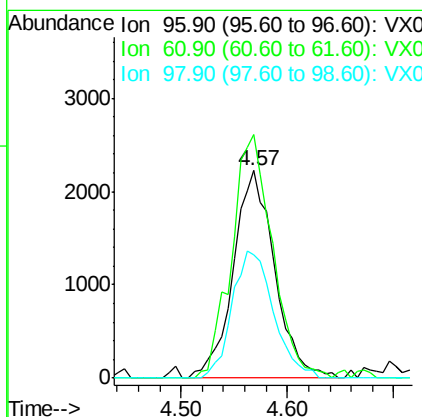
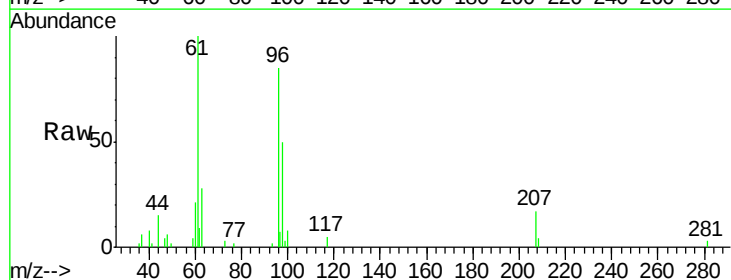
Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527

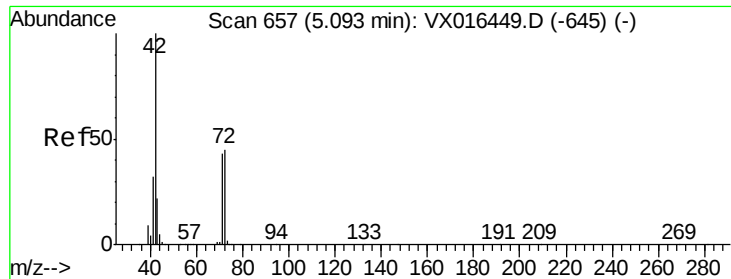
Tot Ion: 76 Resp: 2447
Ion Ratio Lower Upper
76 100
78 17.1 7.4 11.0#



#27
cis-1,2-Dichloroethene
Concen: 1.930 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016533.D
Acq: 01 Jun 2020 16:52

Tgt Ion: 96 Resp: 6093
Ion Ratio Lower Upper
96 100
61 115.5 0.0 284.6
98 60.8 0.0 127.2

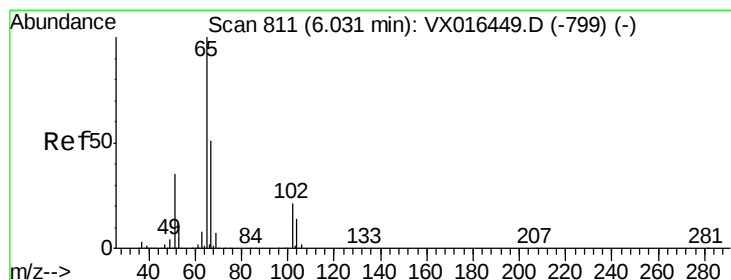
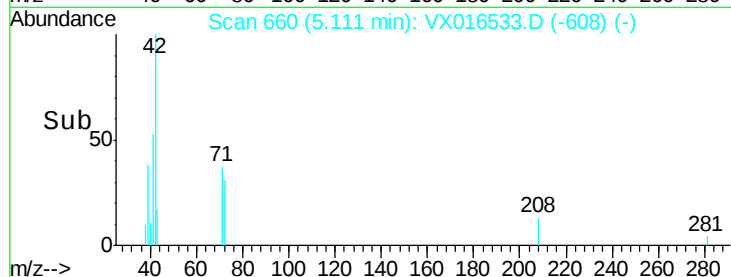
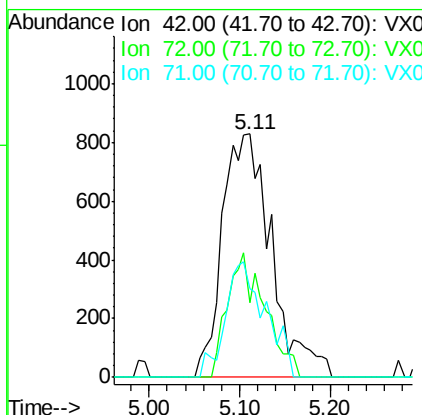
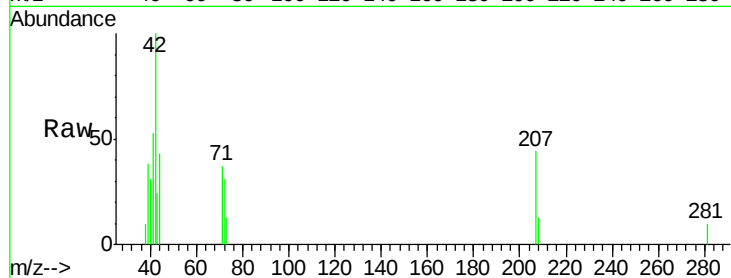




#29
Tetrahydrofuran
Concen: 2.051 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX016533.D
Acq: 01 Jun 2020 16:52

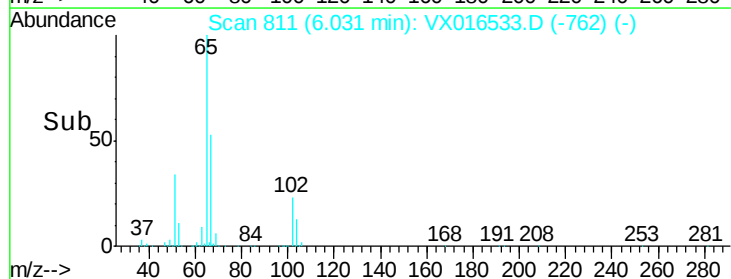
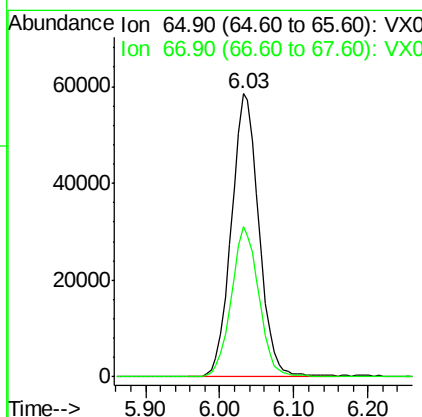
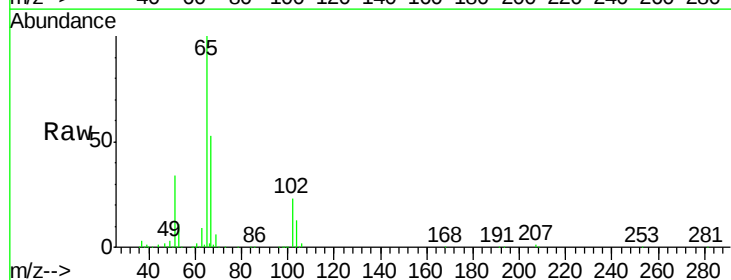
Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527

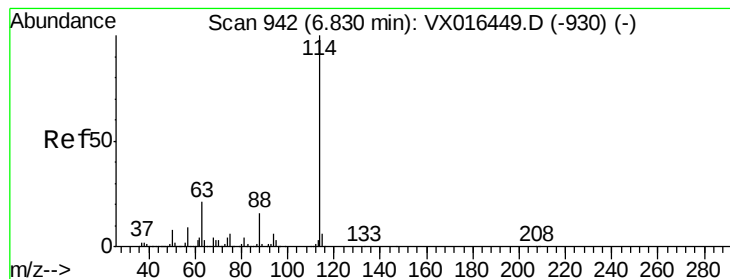
Tot Ion: 42 Resp: 3132
Ion Ratio Lower Upper
42 100
72 38.8 37.0 55.4
71 38.9 34.1 51.1



#33
1,2-Dichloroethane-d4
Concen: 47.671 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016533.D
Acq: 01 Jun 2020 16:52

Tgt Ion: 65 Resp: 151763
Ion Ratio Lower Upper
65 100
67 52.5 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: VX016533.D

Acq: 01 Jun 2020 16:52

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527

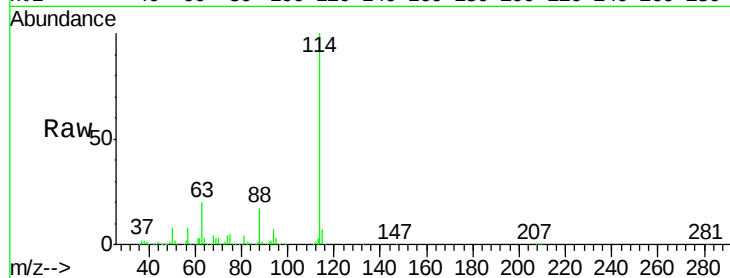
Tot Ion:114 Resp: 417644

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

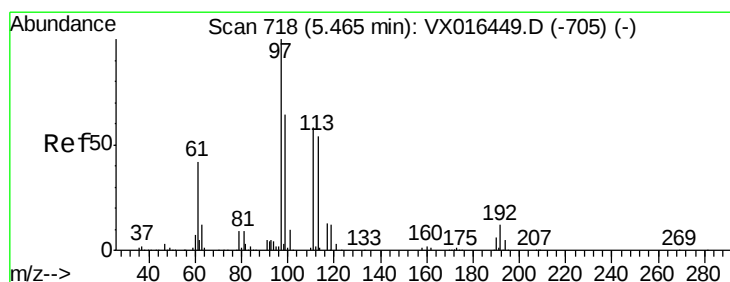
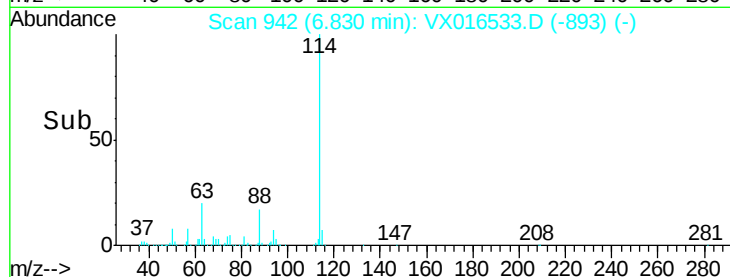
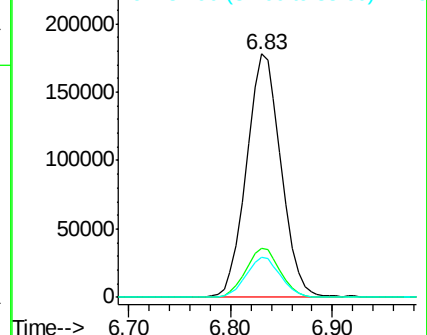
88 16.6 0.0 32.8



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: 47.480 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016533.D

Acq: 01 Jun 2020 16:52

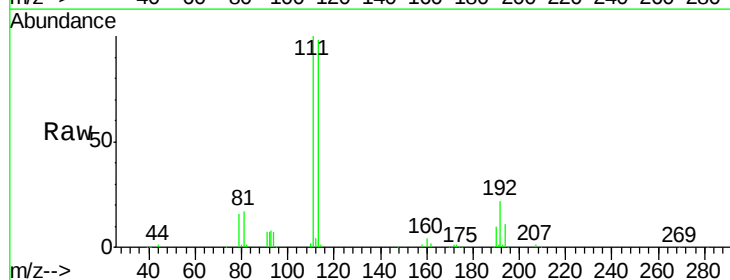
Tgt Ion:113 Resp: 122101

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.6

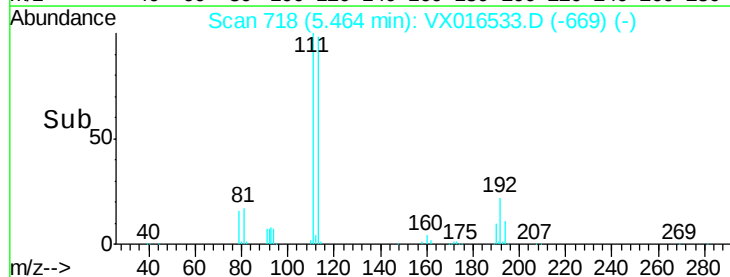
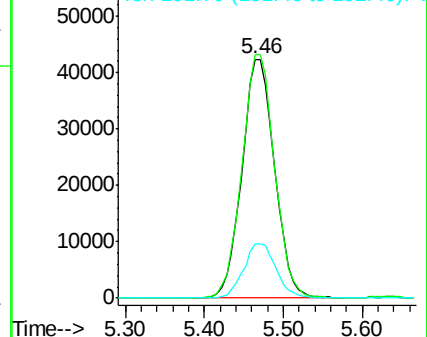
192 22.5 17.7 26.5

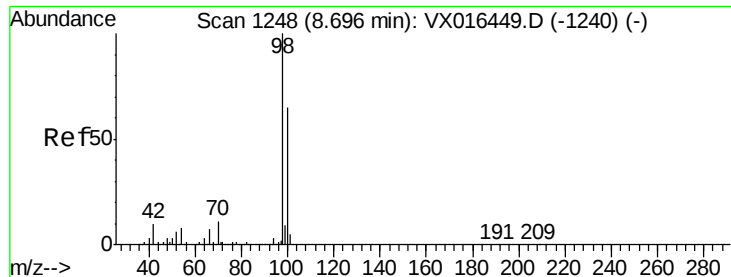


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

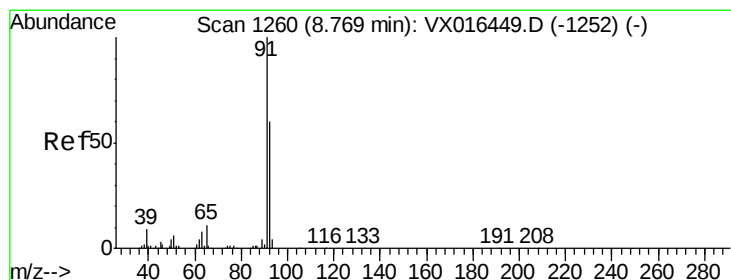
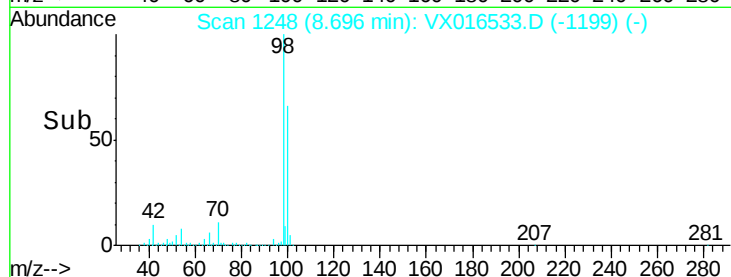
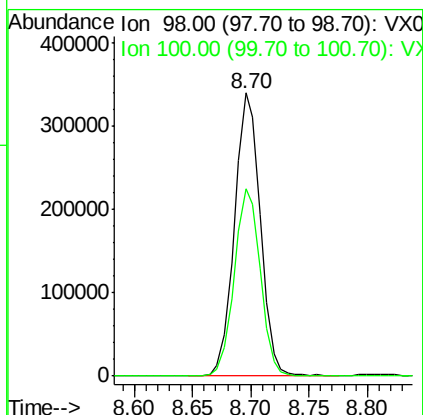
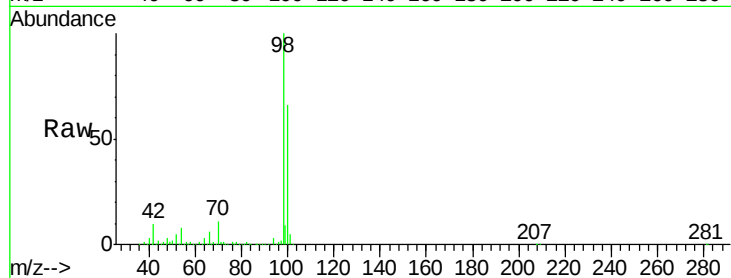




#50
Toluene-d8
Concen: 52.564 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016533.D
Acq: 01 Jun 2020 16:52

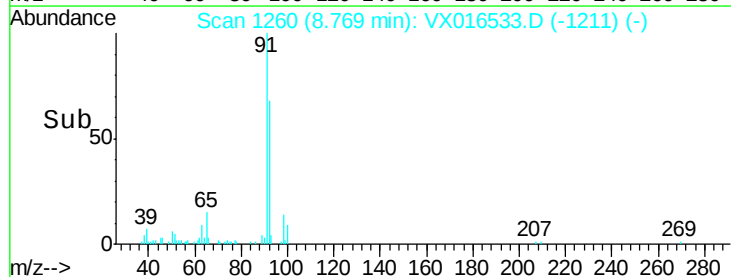
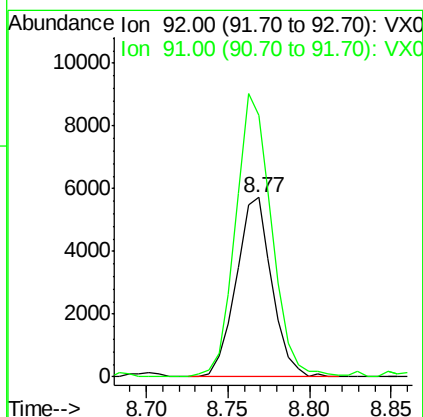
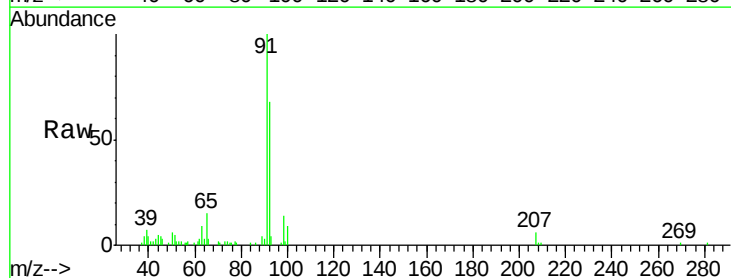
Instrument :
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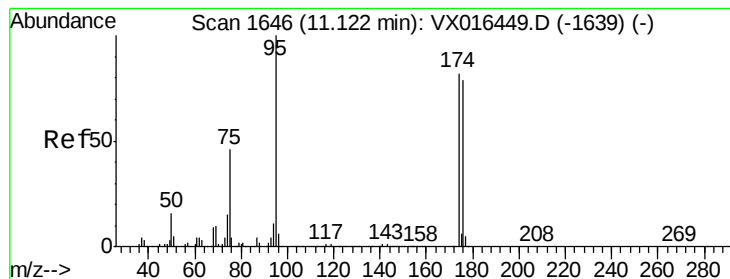
Tot Ion: 98 Resp: 526128
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.6



#52
Toluene
Concen: 1.170 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016533.D
Acq: 01 Jun 2020 16:52

Tgt Ion: 92 Resp: 8688
Ion Ratio Lower Upper
92 100
91 159.7 135.0 202.4





#62

4-Bromofluorobenzene

Concen: 55.289 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016533.D

Acq: 01 Jun 2020 16:52

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527

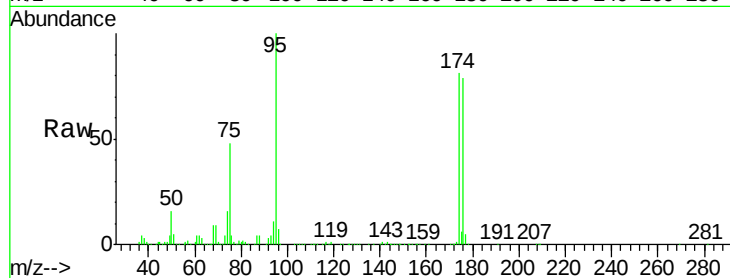
Tot Ion: 95 Resp: 213836

Ion Ratio Lower Upper

95 100

174 82.0 0.0 163.0

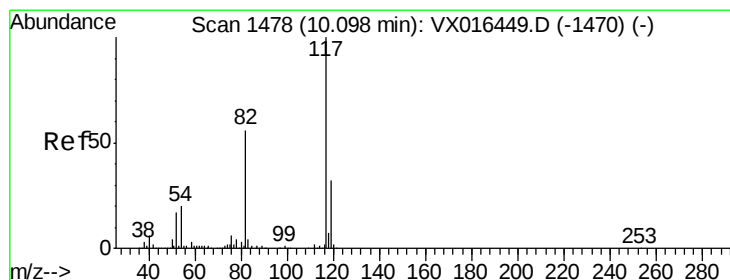
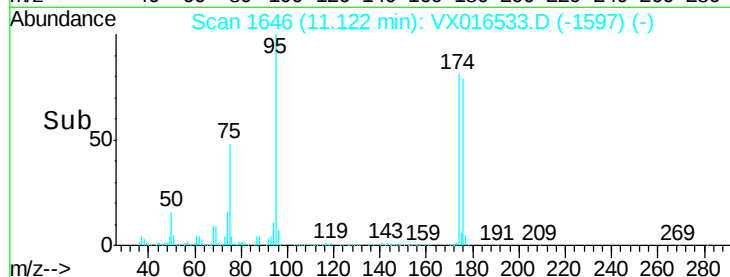
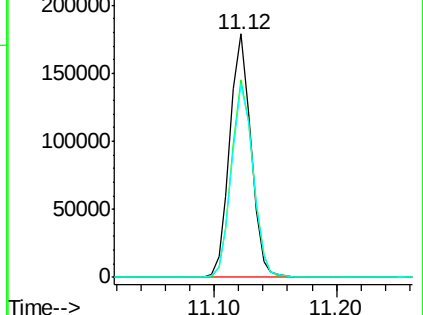
176 80.9 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016533.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016533.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016533.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016533.D

Acq: 01 Jun 2020 16:52

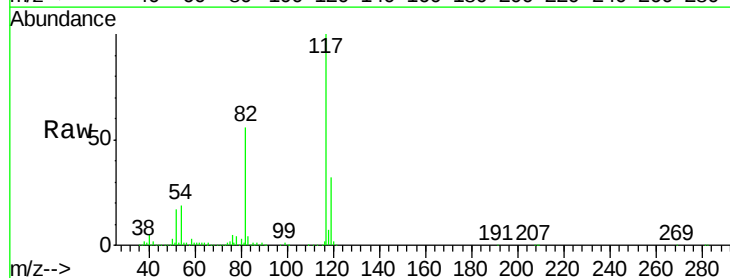
Tgt Ion: 117 Resp: 424399

Ion Ratio Lower Upper

117 100

82 56.4 45.0 67.6

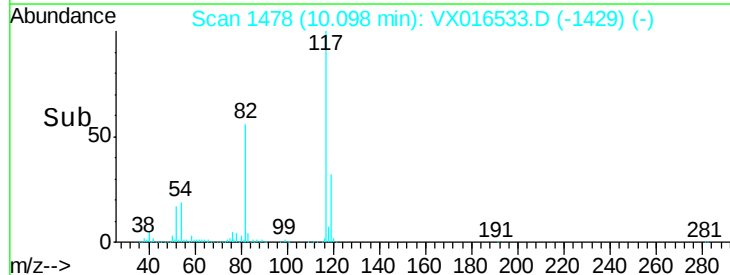
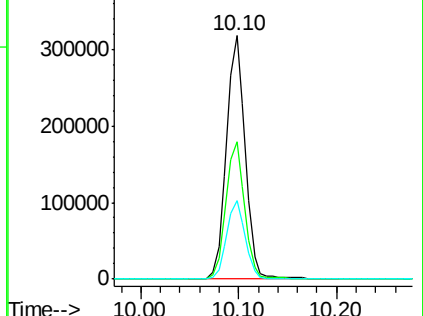
119 32.0 25.8 38.8

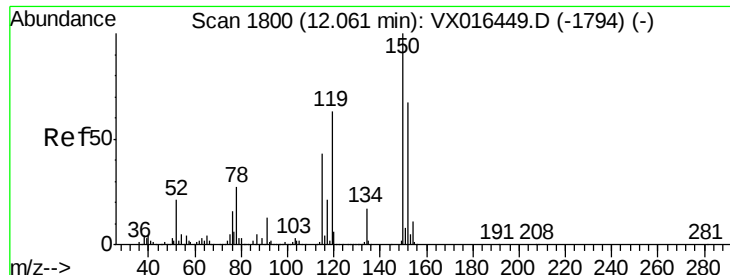


Abundance Ion 116.90 (116.60 to 117.60): VX016533.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016533.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016533.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: VX016533.D

Acq: 01 Jun 2020 16:52

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527

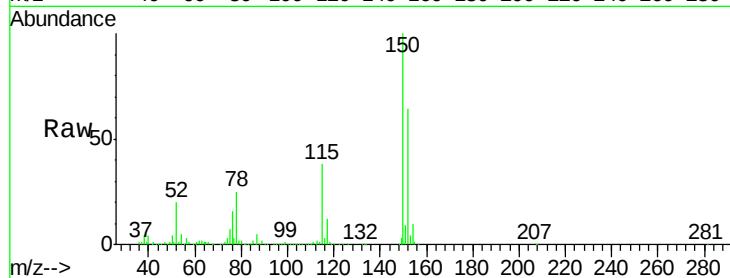
Tot Ion:152 Resp: 222189

Ion Ratio Lower Upper

152 100

115 59.4 39.9 119.6

150 156.5 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

