

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017401.D
 Acq On : 16 Jul 2020 19:07
 Operator : JC/SP
 Sample : L3323-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 219-220

Quant Time: Jul 17 02:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	260809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	473366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	491751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	271012	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	174188	53.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.42%	
35) Dibromofluoromethane	5.47	113	152379	47.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.58%	
50) Toluene-d8	8.70	98	580896	50.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.12	95	255917	56.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.02%	

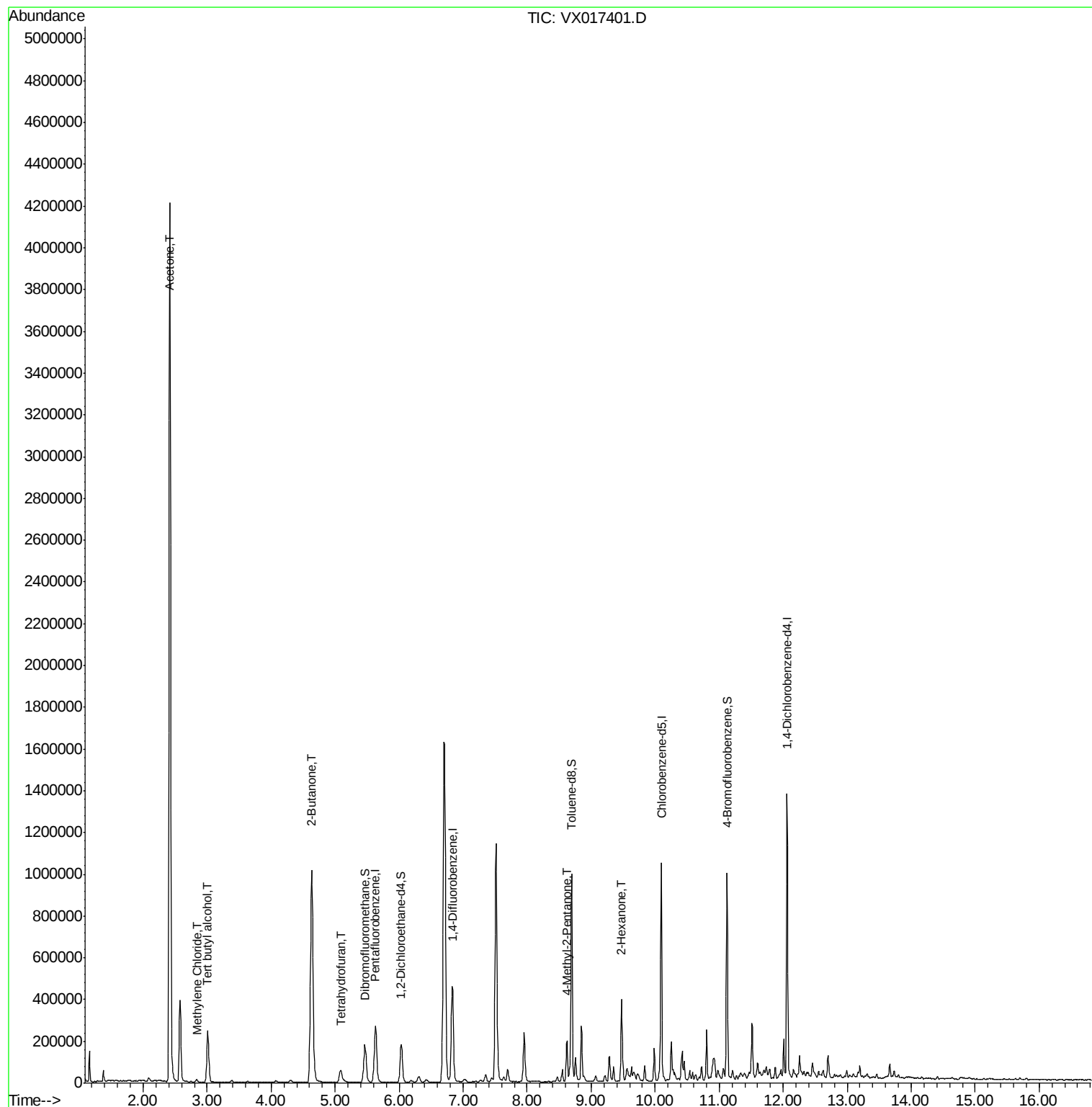
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	294719	534.392	ug/l	99
16) Acetone	2.42	43	4373255	3744.868	ug/l	98
20) Methylene Chloride	2.84	84	5575	1.957	ug/l	96
25) 2-Butanone	4.64	43	1803597	972.389	ug/l	98
29) Tetrahydrofuran	5.09	42	5822	4.849	ug/l #	70
51) 4-Methyl-2-Pentanone	8.62	43	114962	26.204	ug/l	97
59) 2-Hexanone	9.48	43	195236	58.961	ug/l	94

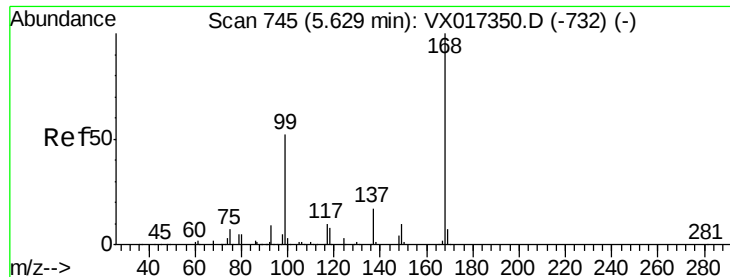
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071620\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 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: VX017401.D

Acq: 16 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampled :

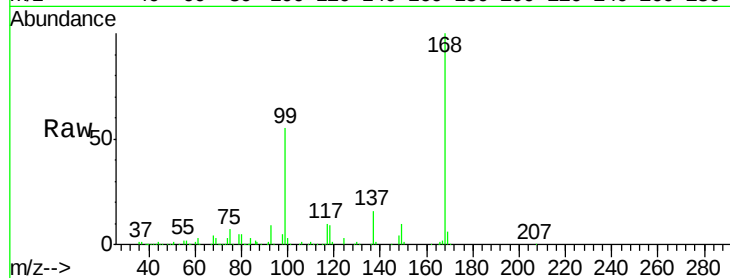
219-220

Tot Ion:168 Resp: 260809

Ion Ratio Lower Upper

168 100

99 54.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

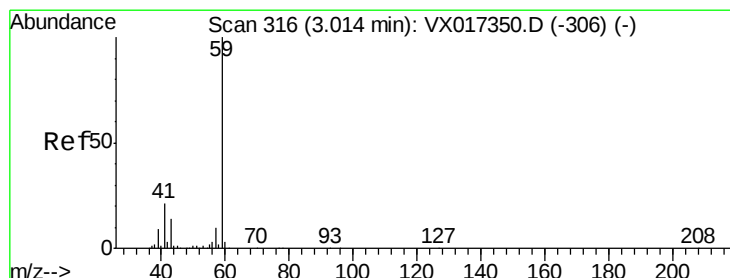
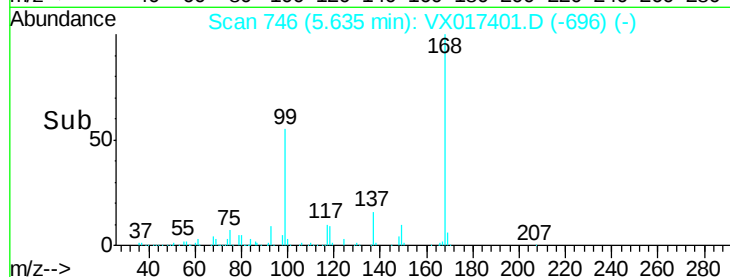
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 534.392 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX017401.D

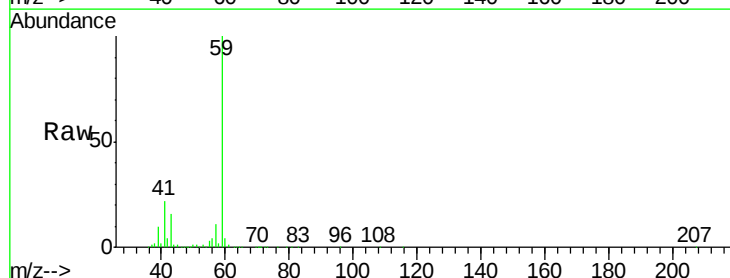
Acq: 16 Jul 2020 19:07

Tgt Ion: 59 Resp: 294719

Ion Ratio Lower Upper

59 100

57 10.6 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

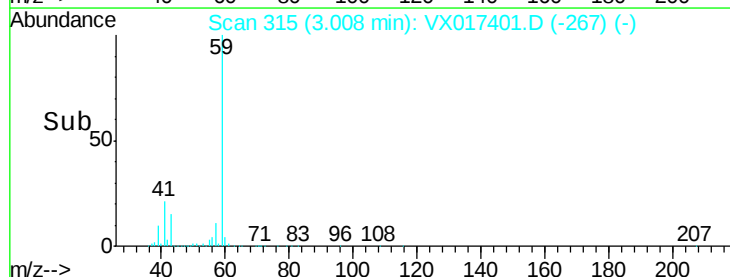
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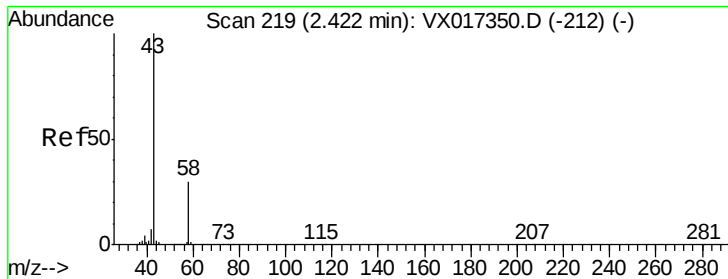
100000

50000

0

Time-->

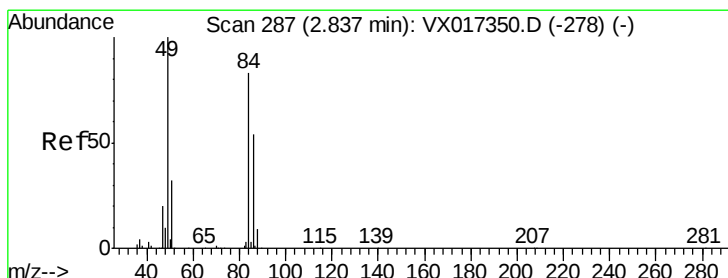
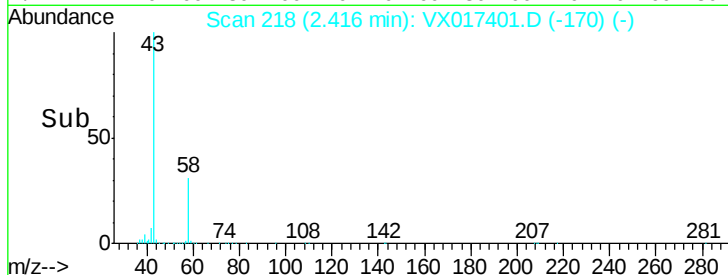
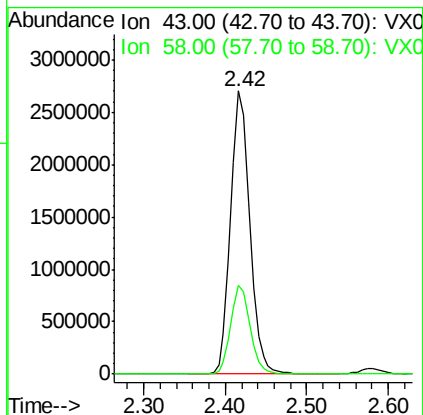
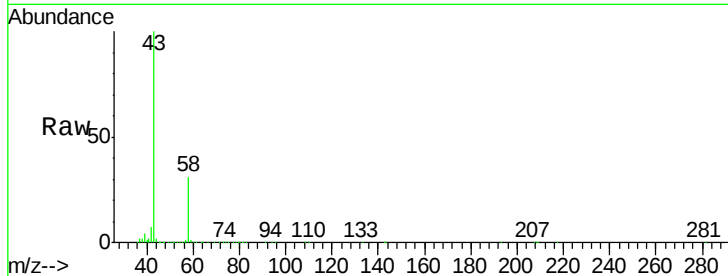




#16
Acetone
Concen: 3744.868 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017401.D
Acq: 16 Jul 2020 19:07

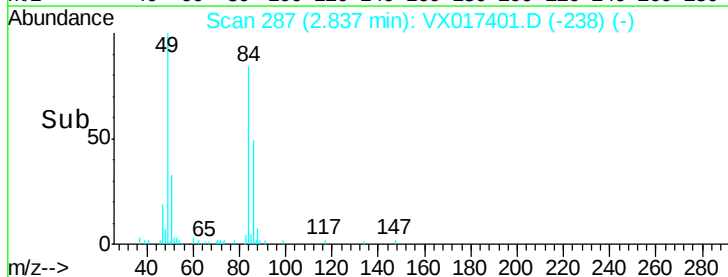
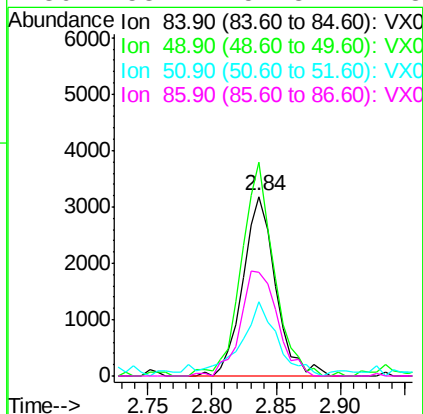
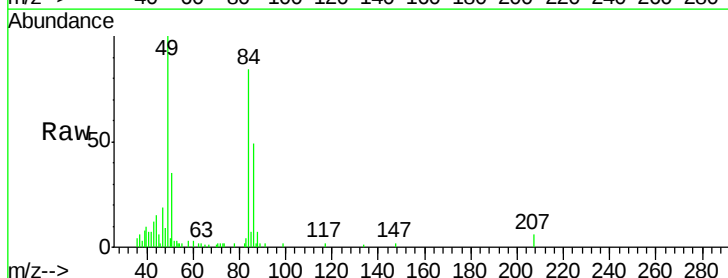
Instrument :
MSVOA_X
ClientSampleId :
219-220

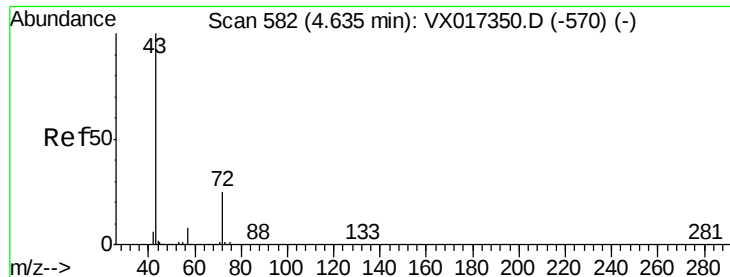
Tot Ion: 43 Resp: 4373255
Ion Ratio Lower Upper
43 100
58 31.3 24.2 36.2



#20
Methylene Chloride
Concen: 1.957 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017401.D
Acq: 16 Jul 2020 19:07

Tgt Ion: 84 Resp: 5575
Ion Ratio Lower Upper
84 100
49 116.7 95.8 143.8
51 38.2 31.0 46.4
86 58.2 51.8 77.8





#25

2-Butanone

Concen: 972.389 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017401.D

Acq: 16 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

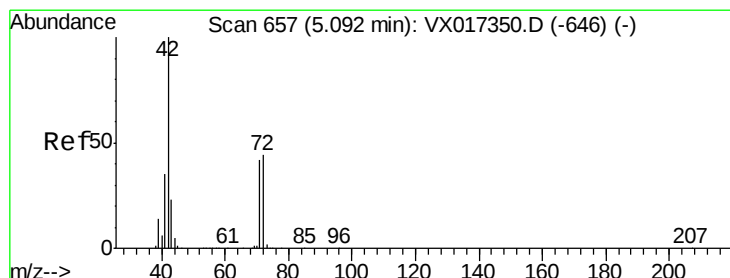
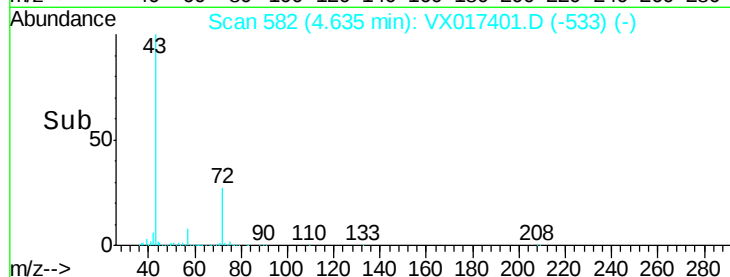
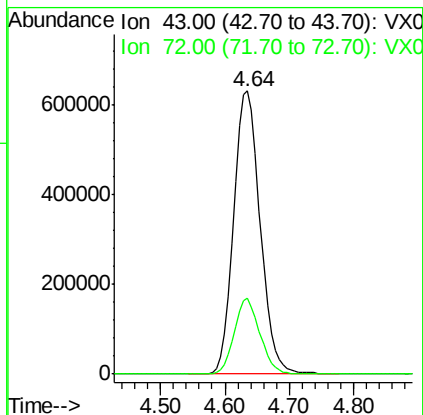
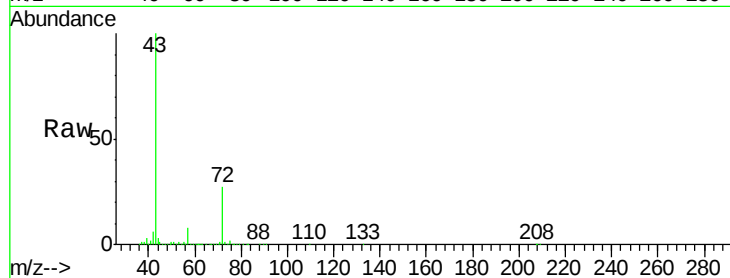
219-220

Tot Ion: 43 Resp: 1803597

Ion Ratio Lower Upper

43 100

72 26.7 20.4 30.6



#29

Tetrahydrofuran

Concen: 4.849 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX017401.D

Acq: 16 Jul 2020 19:07

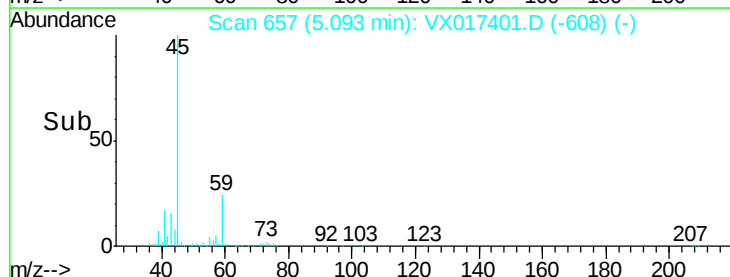
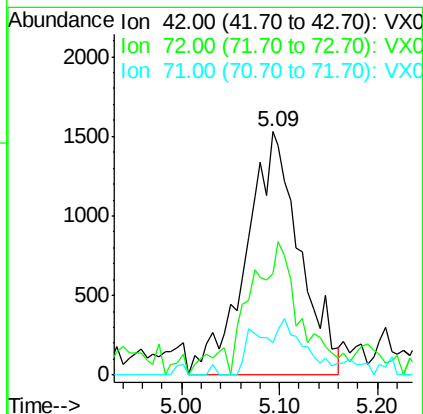
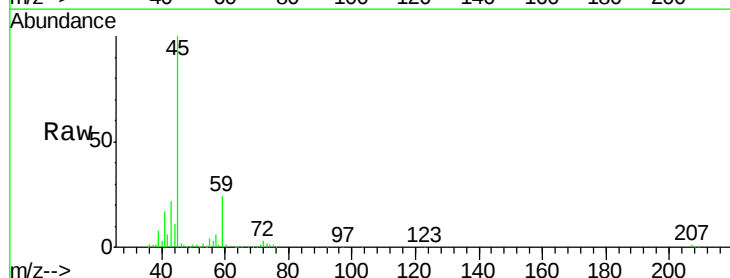
Tgt Ion: 42 Resp: 5822

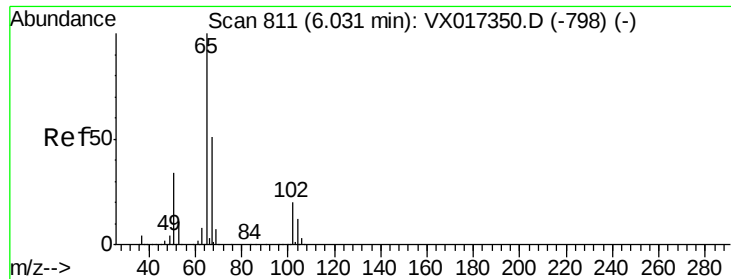
Ion Ratio Lower Upper

42 100

72 54.4 37.2 55.8

71 11.6 34.4 51.6#





#33

1,2-Dichloroethane-d4

Concen: 53.214 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017401.D

Acq: 16 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

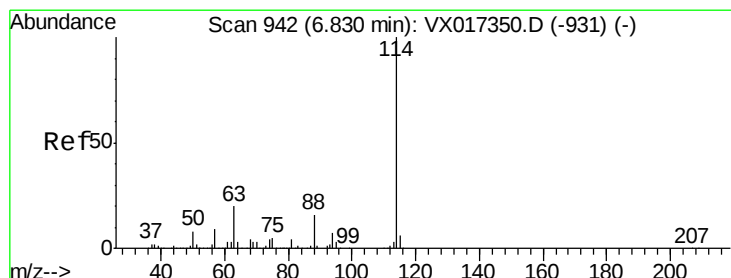
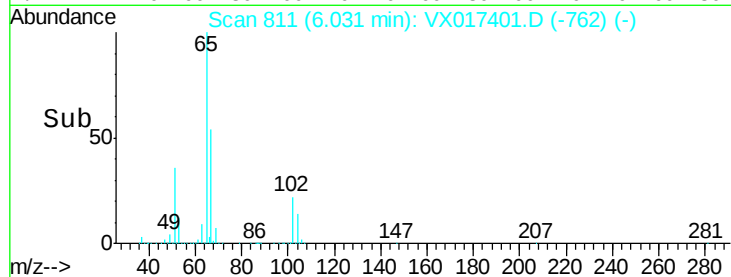
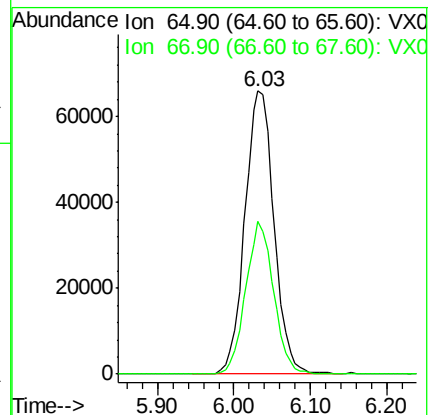
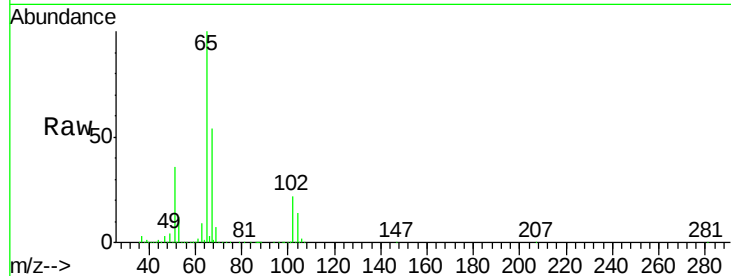
219-220

Tot Ion: 65 Resp: 174188

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017401.D

Acq: 16 Jul 2020 19:07

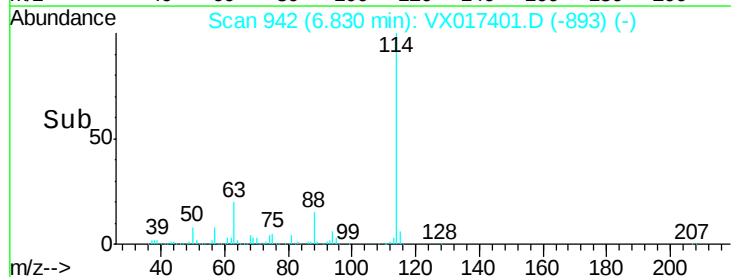
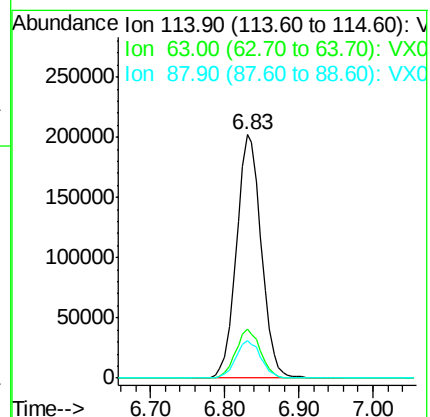
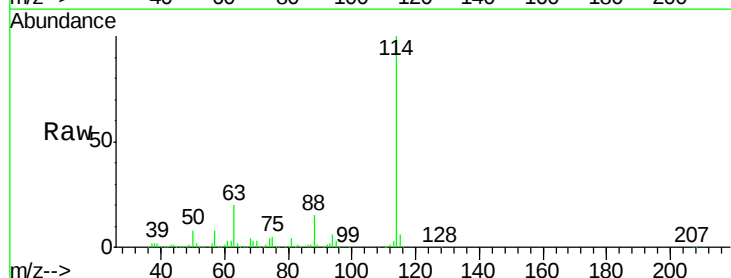
Tgt Ion: 114 Resp: 473366

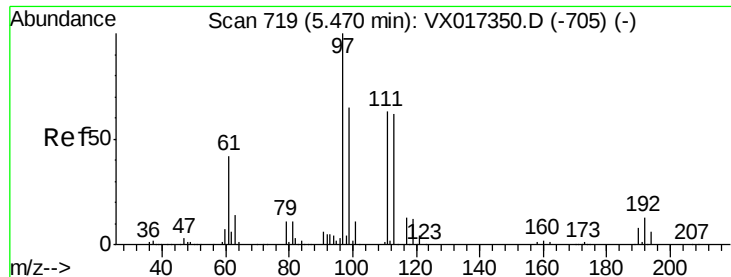
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.3 0.0 32.8

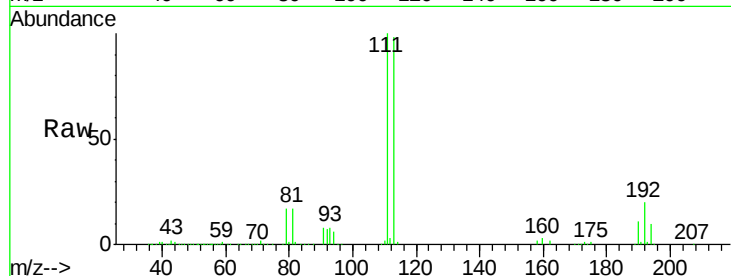




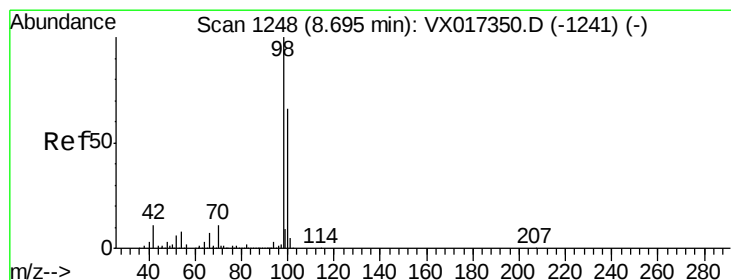
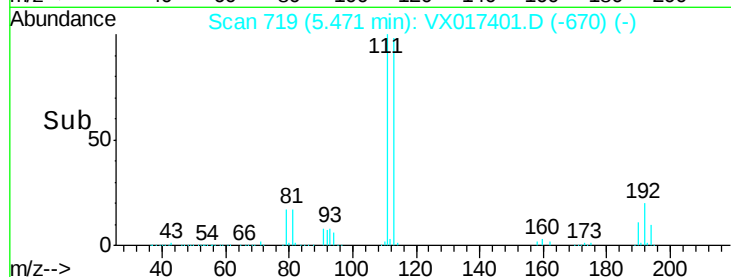
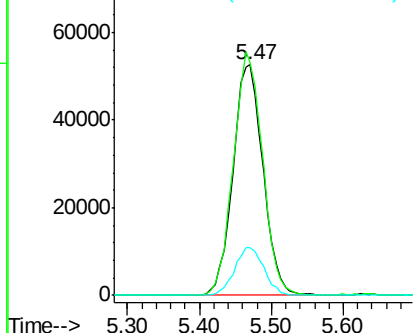
#35
 Dibromofluoromethane
 Concen: 47.788 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX017401.D
 Acq: 16 Jul 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 219-220

Tot Ion:113 Resp: 152379
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 20.4 17.2 25.8

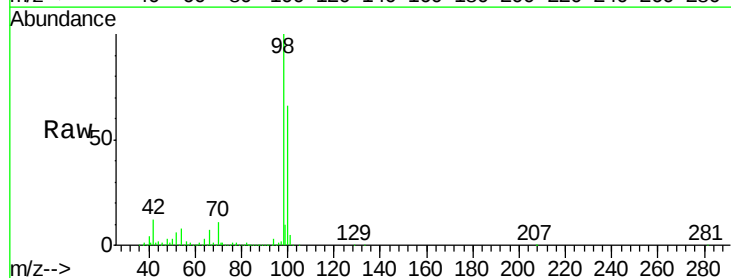


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

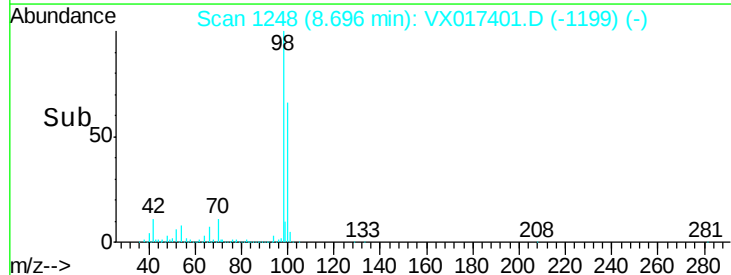
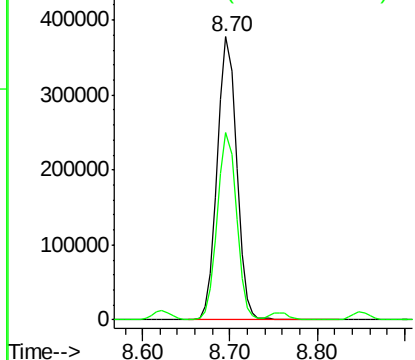


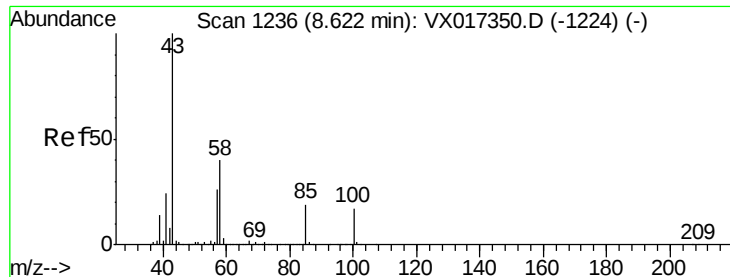
#50
 Toluene-d8
 Concen: 50.504 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX017401.D
 Acq: 16 Jul 2020 19:07

Tgt Ion: 98 Resp: 580896
 Ion Ratio Lower Upper
 98 100
 100 65.7 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

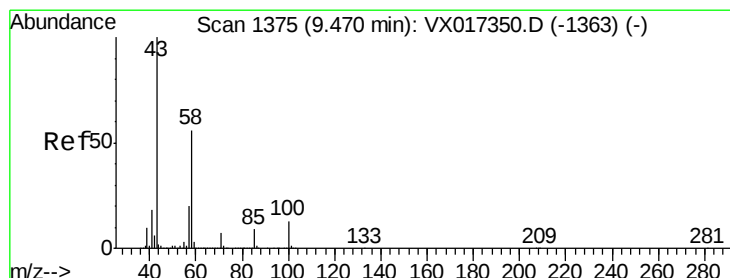
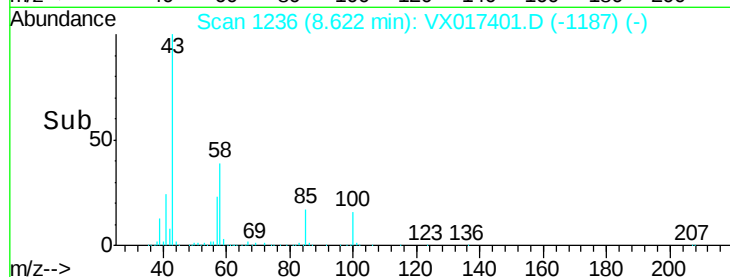
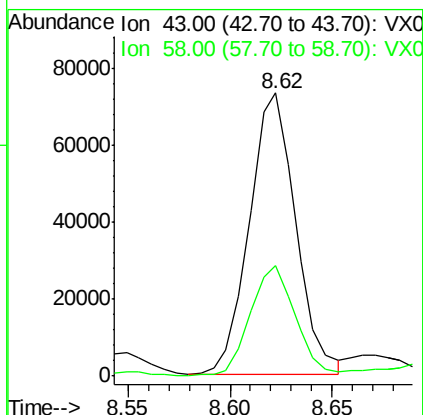
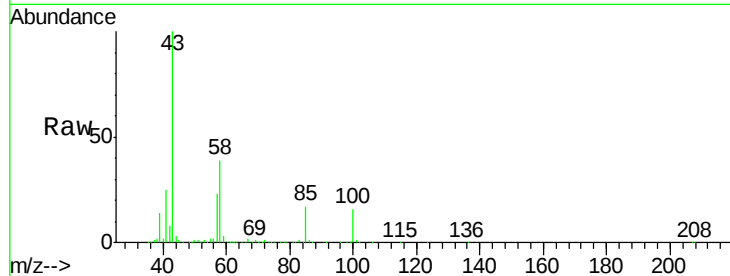




#51
 4-Methyl-2-Pentanone
 Concen: 26.204 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017401.D
 Acq: 16 Jul 2020 19:07

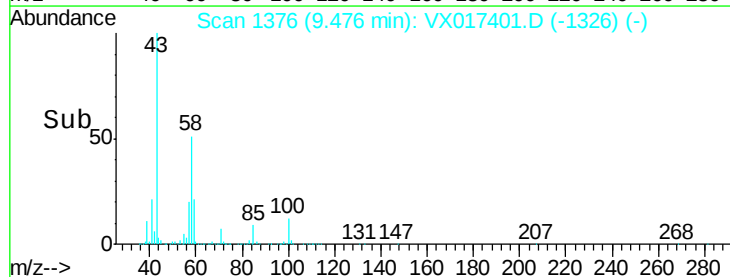
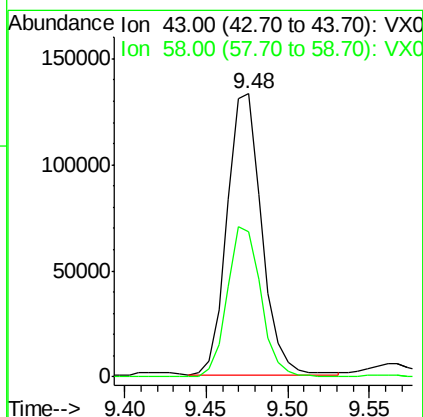
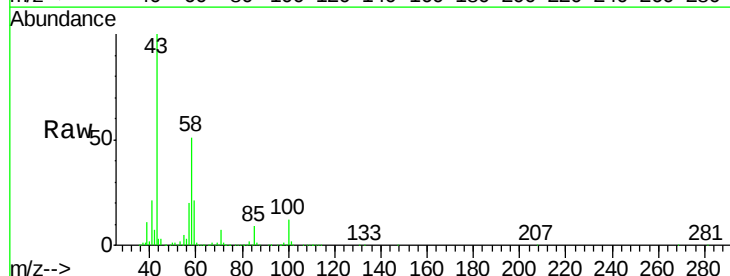
Instrument :
 MSVOA_X
 ClientSampleId :
 219-220

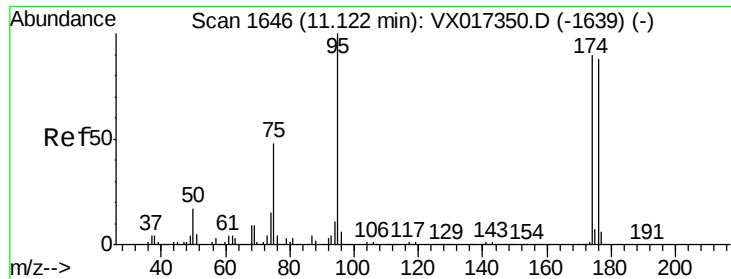
Tot Ion: 43 Resp: 114962
 Ion Ratio Lower Upper
 43 100
 58 38.2 32.2 48.2



#59
 2-Hexanone
 Concen: 58.961 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: VX017401.D
 Acq: 16 Jul 2020 19:07

Tgt Ion: 43 Resp: 195236
 Ion Ratio Lower Upper
 43 100
 58 51.9 28.1 84.3





#62

4-Bromofluorobenzene

Concen: 56.014 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017401.D

Acq: 16 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampled :

219-220

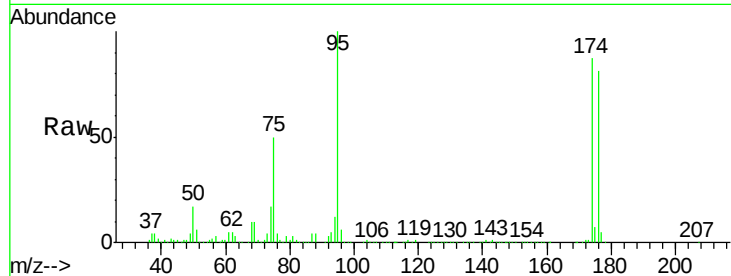
Tot Ion: 95 Resp: 255917

Ion Ratio Lower Upper

95 100

174 80.2 0.0 175.8

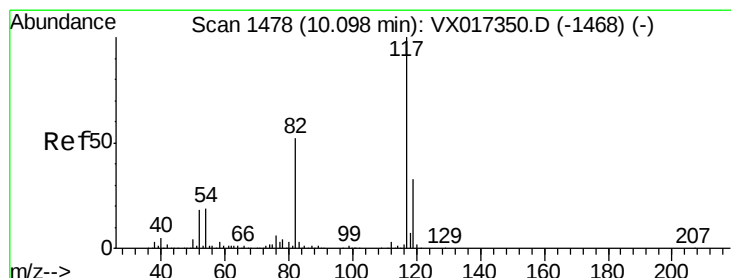
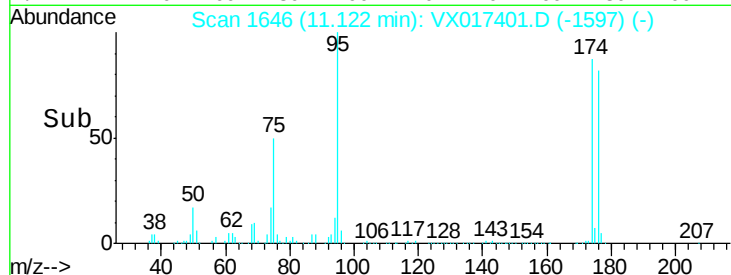
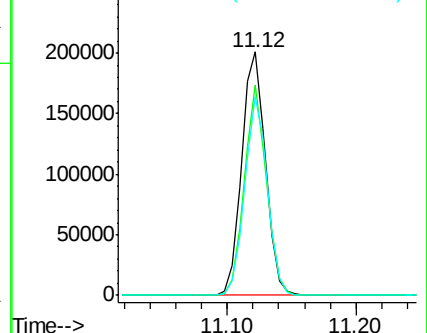
176 77.4 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX017350.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017350.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017350.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017401.D

Acq: 16 Jul 2020 19:07

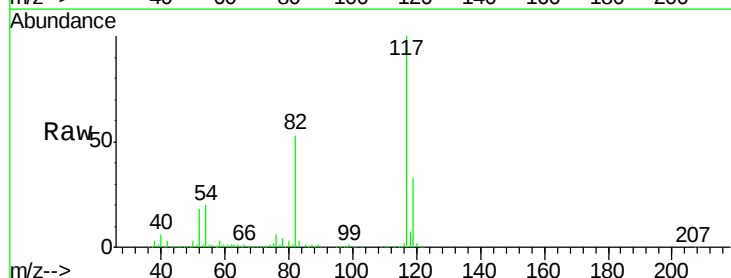
Tgt Ion: 117 Resp: 491751

Ion Ratio Lower Upper

117 100

82 53.0 42.0 63.0

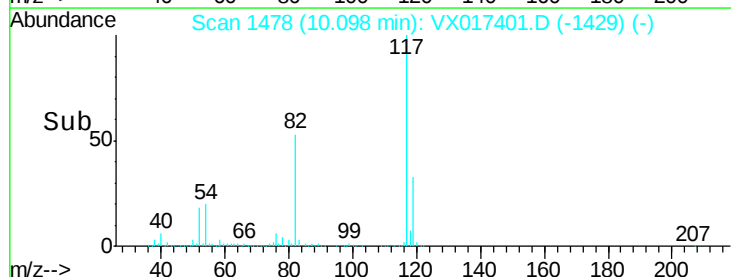
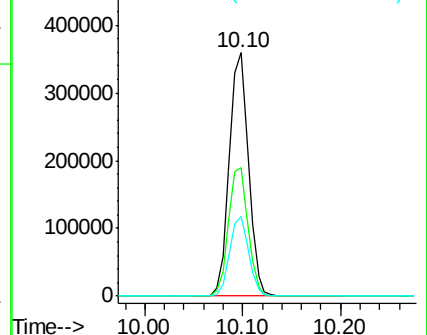
119 32.9 26.3 39.5

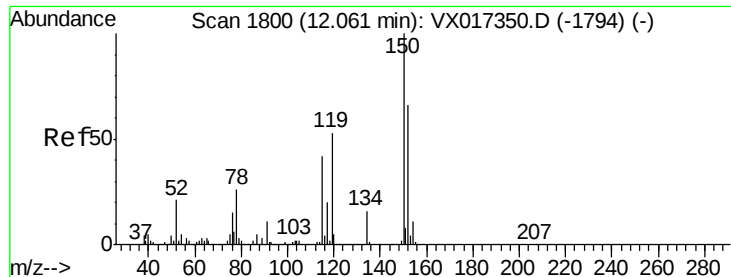


Abundance Ion 116.90 (116.60 to 117.60): VX017350.D (-1468) (-)

Ion 82.00 (81.70 to 82.70): VX017350.D (-1468) (-)

Ion 118.90 (118.60 to 119.60): VX017350.D (-1468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017401.D

Acq: 16 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

219-220

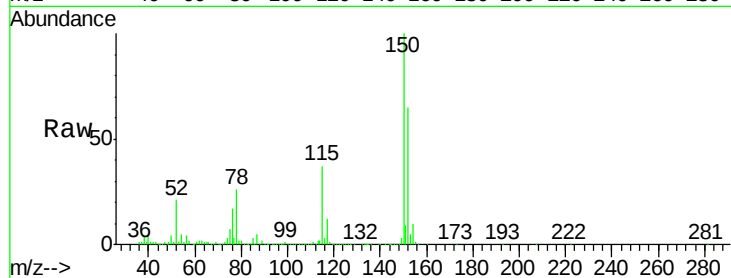
Tot Ion:152 Resp: 271012

Ion Ratio Lower Upper

152 100

115 58.0 39.9 119.7

150 159.0 0.0 343.4



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

