

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052220\
 Data File : VX016412.D
 Acq On : 22 May 2020 15:14
 Operator : JC/SP
 Sample : L2743-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW007-200521

Quant Time: May 23 03:16:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	207325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	338898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	335460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	166649	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	117025	42.89	ug/l	0.00
Spiked Amount			Recovery	=	85.78%	
35) Dibromofluoromethane	5.47	113	97784	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
50) Toluene-d8	8.70	98	410266	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.12	95	164778	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	

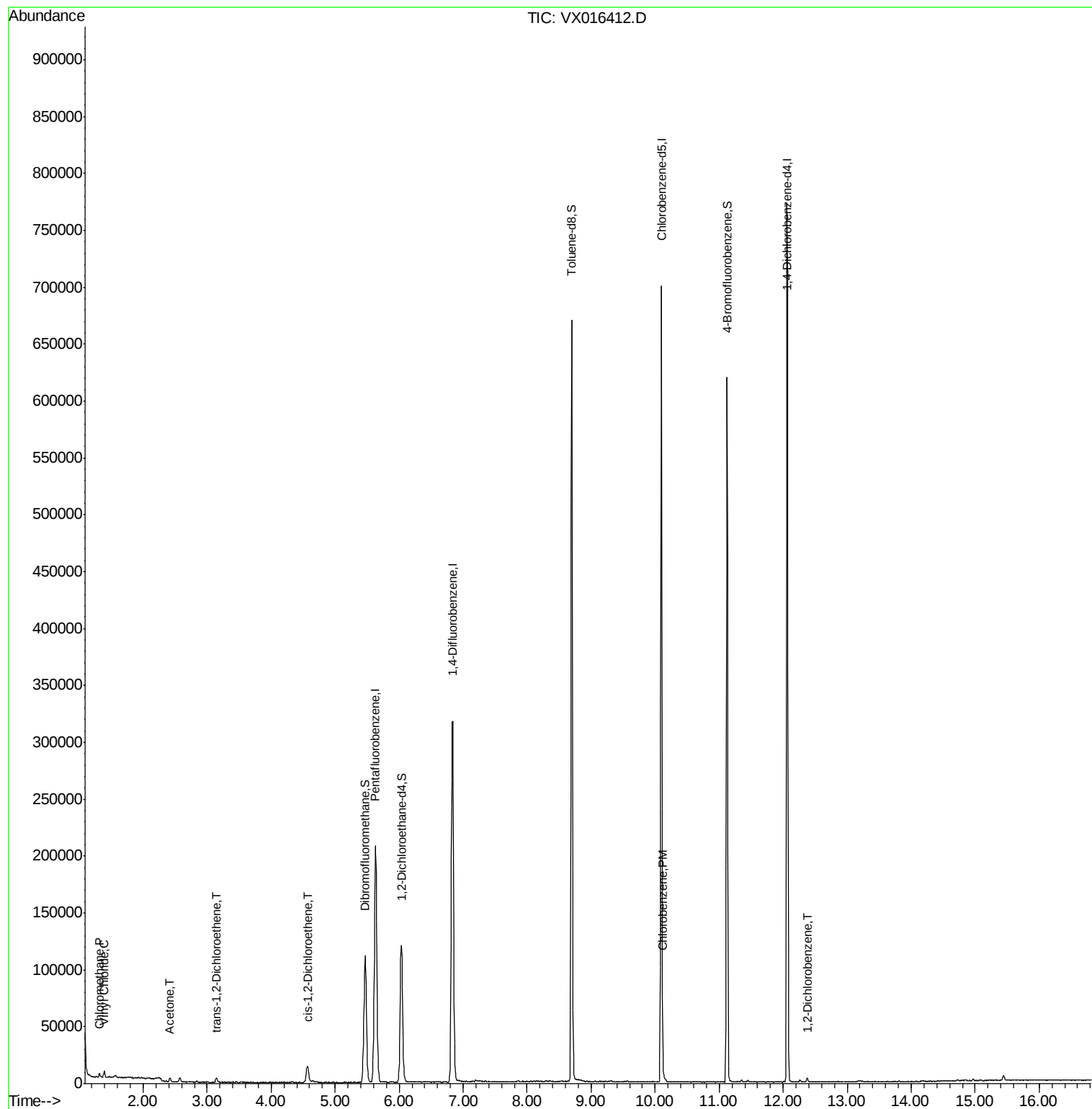
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1828	0.717	ug/l	98
4) Vinyl Chloride	1.39	62	3515	1.293	ug/l	97
16) Acetone	2.42	43	3261	2.679	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	1985	0.827	ug/l #	78
27) cis-1,2-Dichloroethene	4.56	96	9902	3.771	ug/l	84
65) Chlorobenzene	10.12	112	1507	0.215	ug/l	89
91) 1,2-Dichlorobenzene	12.37	146	1317	0.243	ug/l	94

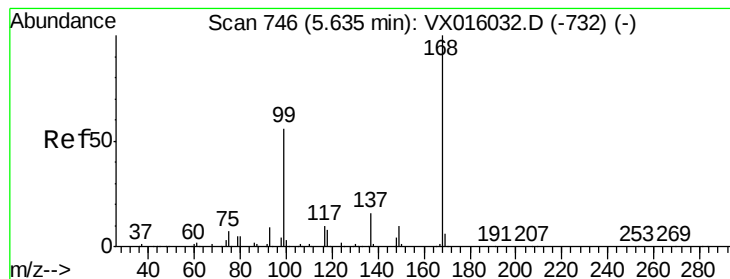
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052220\
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Quant Time: May 23 03:16:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016412.D

Acq: 22 May 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

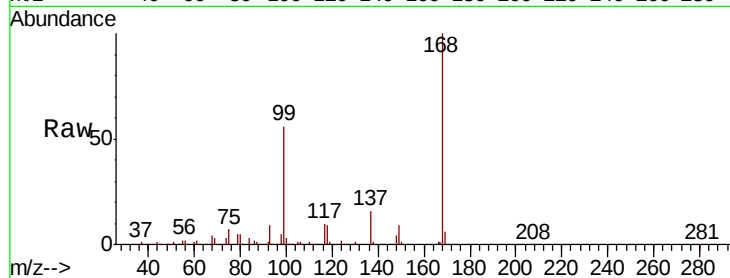
SS042MW007-200521

Tot Ion:168 Resp: 207325

Ion Ratio Lower Upper

168 100

99 56.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

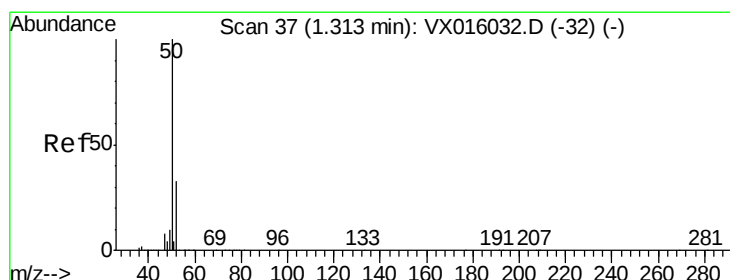
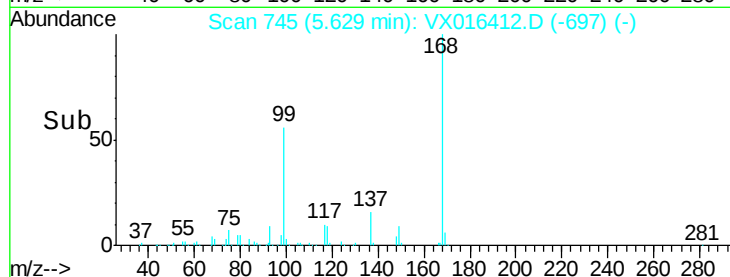
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.717 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016412.D

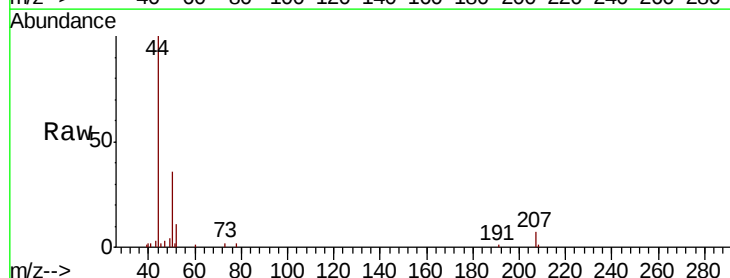
Acq: 22 May 2020 15:14

Tgt Ion: 50 Resp: 1828

Ion Ratio Lower Upper

50 100

52 31.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

2000

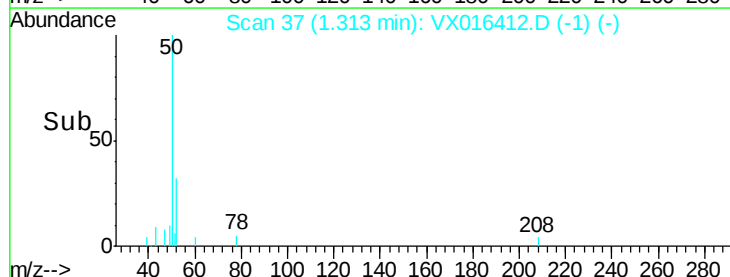
1500

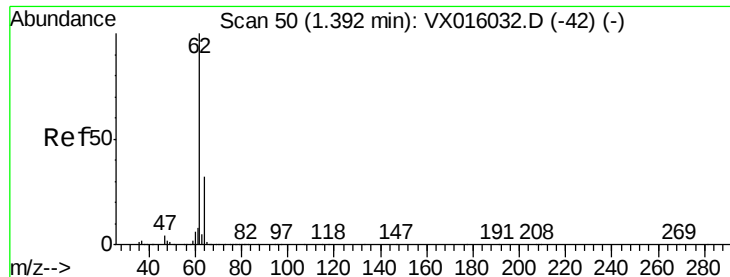
1000

500

0

Time-->





#4

Vinyl Chloride

Concen: 1.293 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016412.D

Acq: 22 May 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

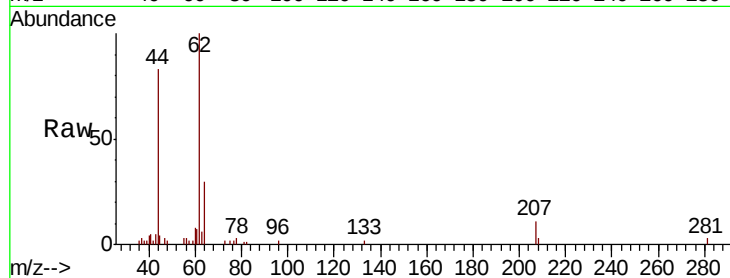
SS042MW007-200521

Tot Ion: 62 Resp: 3515

Ion Ratio Lower Upper

62 100

64 30.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

4000

3000

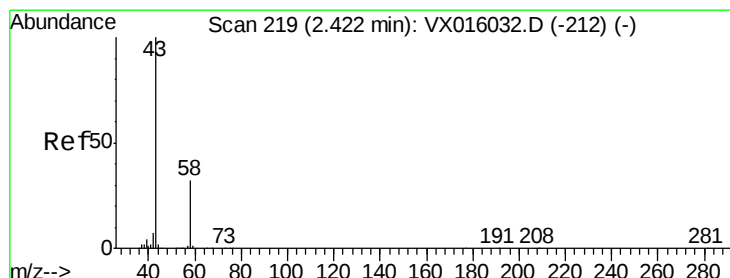
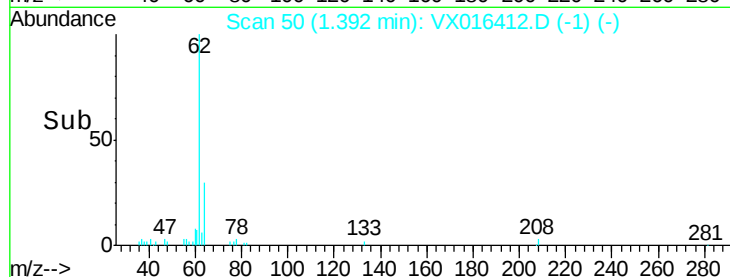
2000

1000

0

Time-->

1.35 1.40 1.45



#16

Acetone

Concen: 2.679 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016412.D

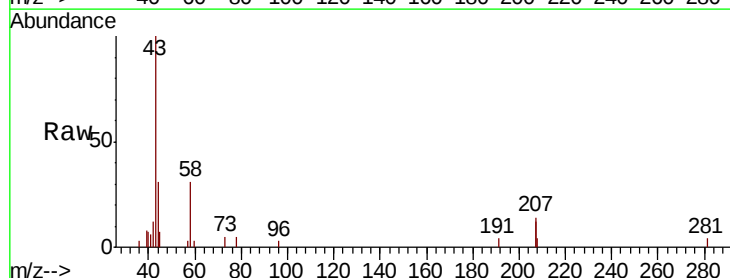
Acq: 22 May 2020 15:14

Tgt Ion: 43 Resp: 3261

Ion Ratio Lower Upper

43 100

58 32.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2000

1500

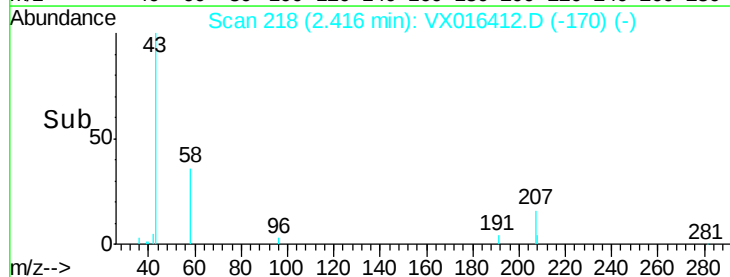
1000

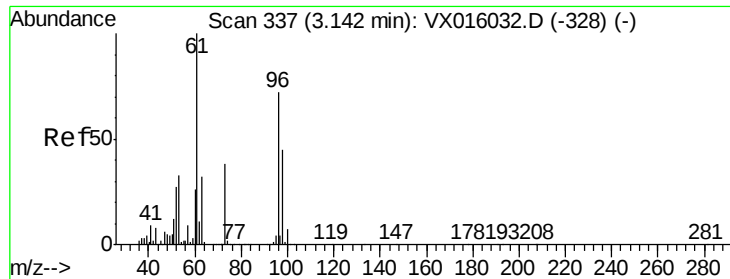
500

0

Time-->

2.35 2.40 2.45 2.50





#21

trans-1,2-Dichloroethene

Concen: 0.827 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016412.D

Acq: 22 May 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

SS042MW007-200521

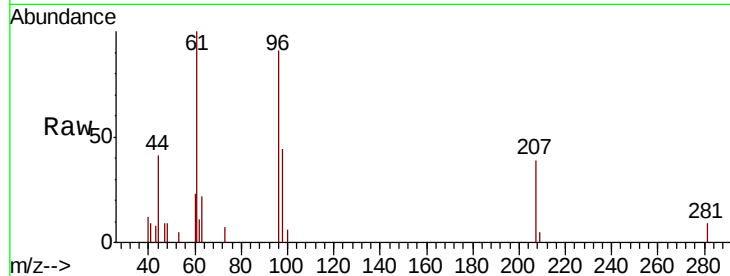
Tot Ion: 96 Resp: 1985

Ion Ratio Lower Upper

96 100

61 110.5 111.2 166.8#

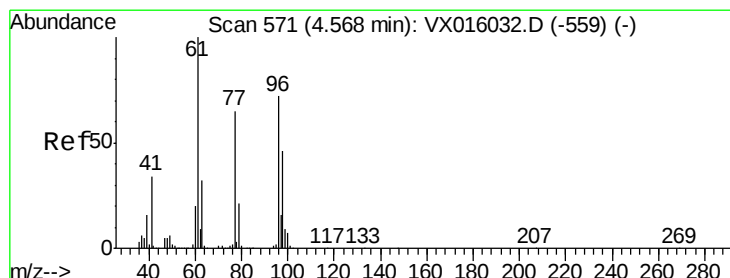
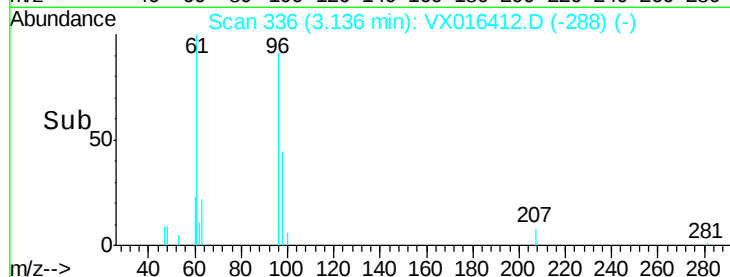
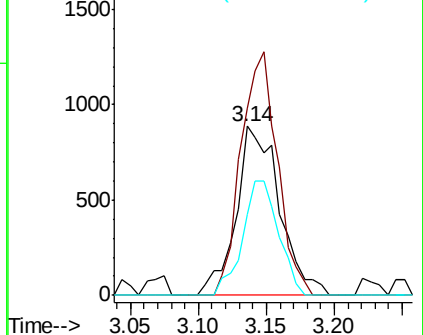
98 48.3 50.2 75.4#



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



#27

cis-1,2-Dichloroethene

Concen: 3.771 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016412.D

Acq: 22 May 2020 15:14

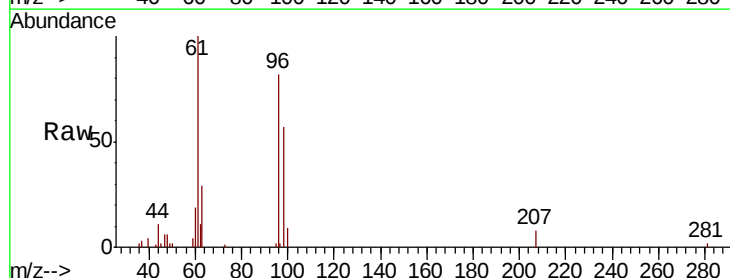
Tgt Ion: 96 Resp: 9902

Ion Ratio Lower Upper

96 100

61 119.8 0.0 296.2

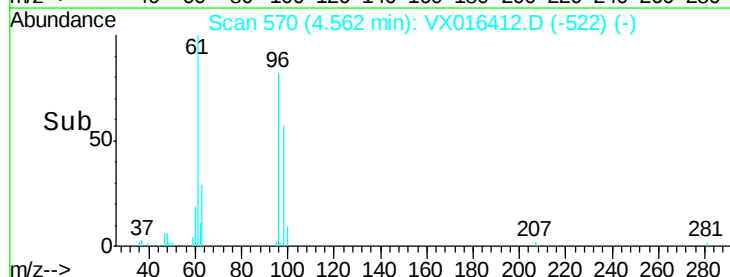
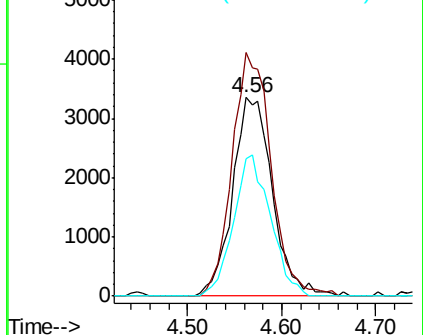
98 65.7 0.0 129.4

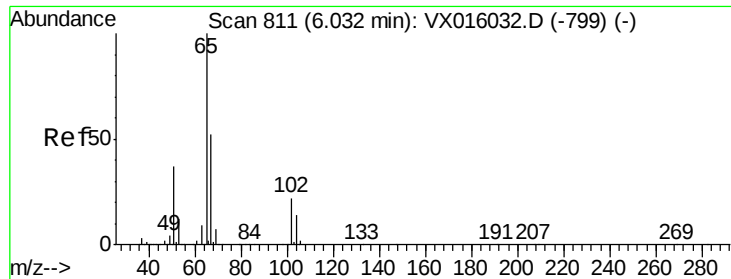


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 42.895 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016412.D

Acq: 22 May 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

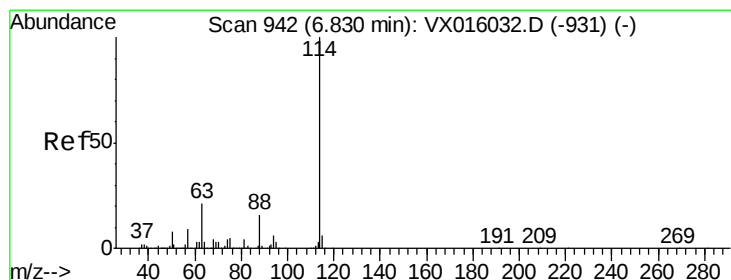
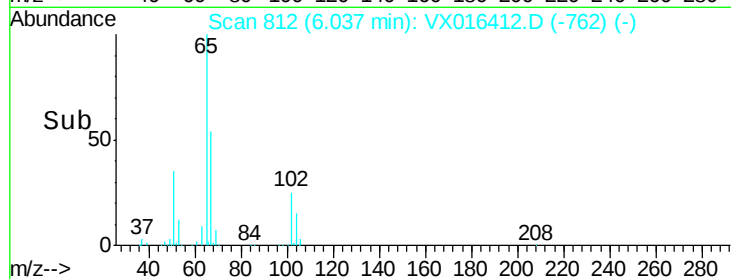
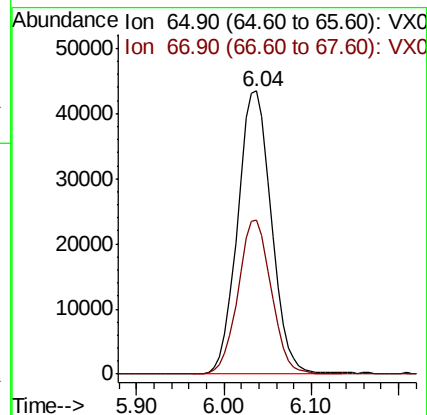
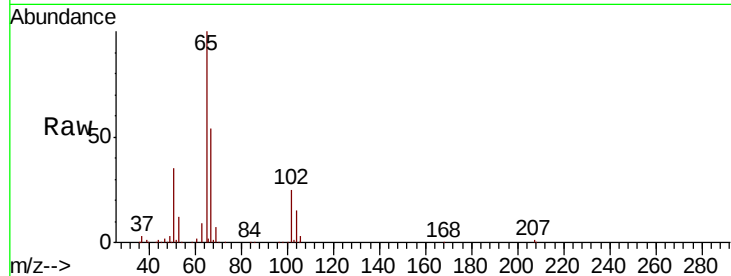
SS042MW007-200521

Tot Ion: 65 Resp: 117025

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016412.D

Acq: 22 May 2020 15:14

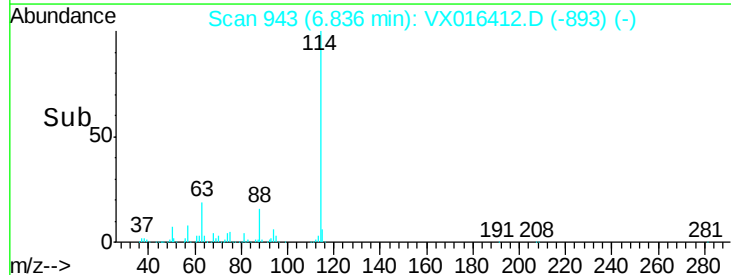
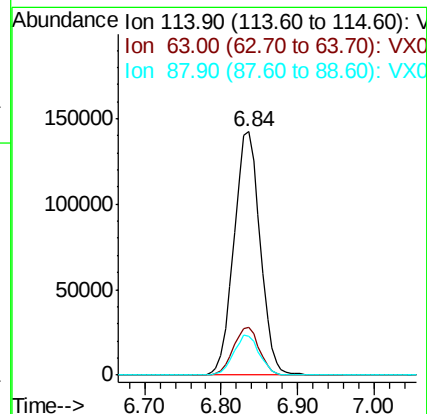
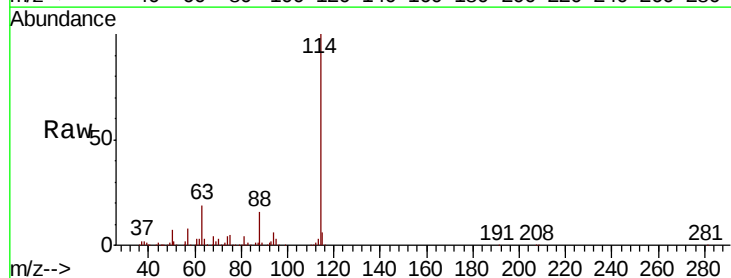
Tgt Ion: 114 Resp: 338898

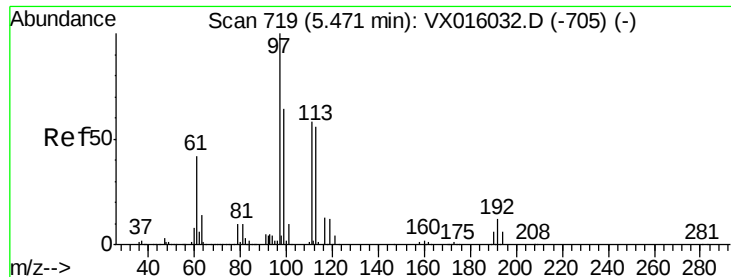
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.8

88 16.0 0.0 31.4

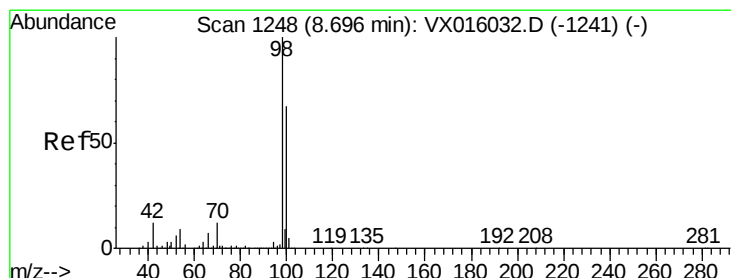
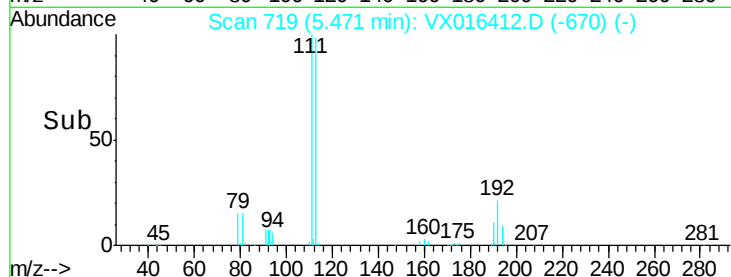
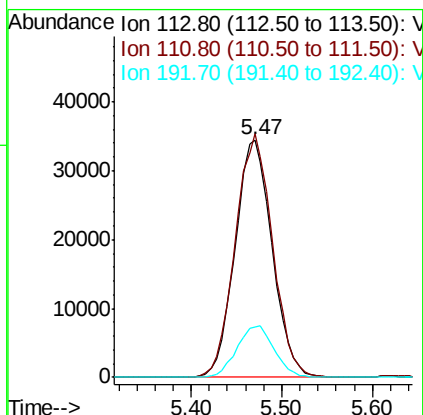
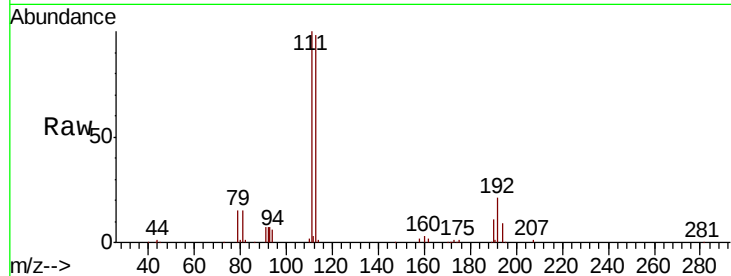




#35
Dibromofluoromethane
Concen: 45.543 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016412.D
Acq: 22 May 2020 15:14

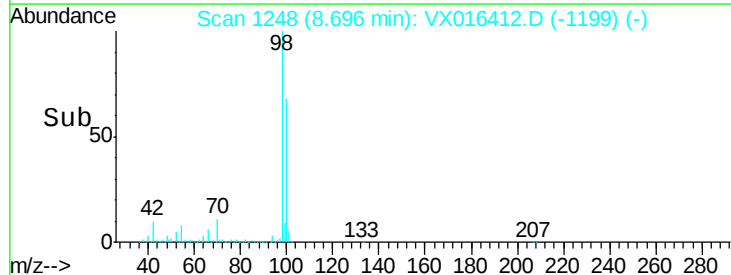
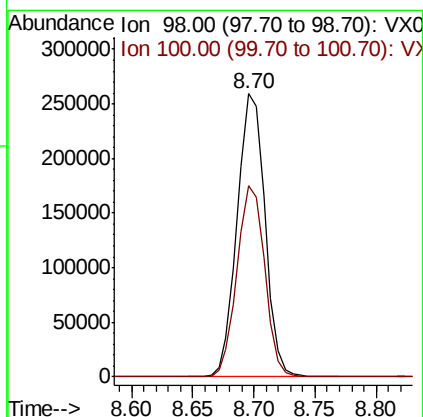
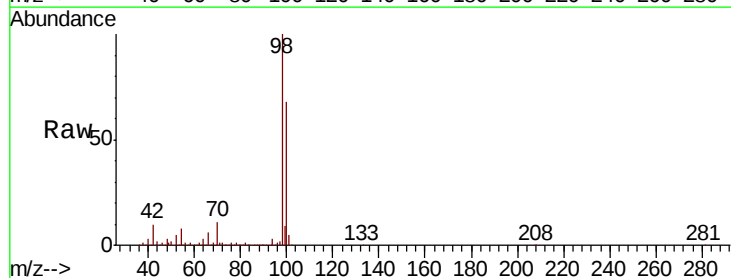
Instrument :
MSVOA_X
ClientSampleId :
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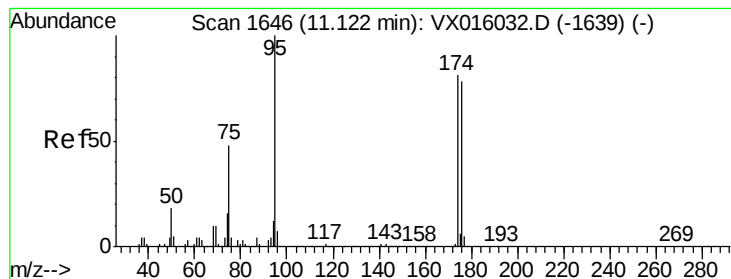
Tot Ion:113 Resp: 97784
Ion Ratio Lower Upper
113 100
111 102.9 81.6 122.4
192 21.8 17.0 25.4



#50
Toluene-d8
Concen: 49.592 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016412.D
Acq: 22 May 2020 15:14

Tgt Ion: 98 Resp: 410266
Ion Ratio Lower Upper
98 100
100 67.5 53.7 80.5





#62

4-Bromofluorobenzene

Concen: 52.367 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016412.D

Acq: 22 May 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

SS042MW007-200521

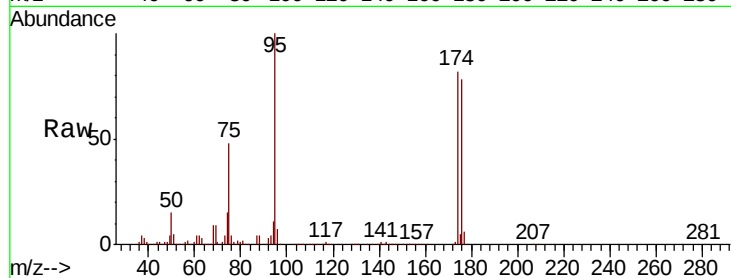
Tot Ion: 95 Resp: 164778

Ion Ratio Lower Upper

95 100

174 80.5 0.0 159.4

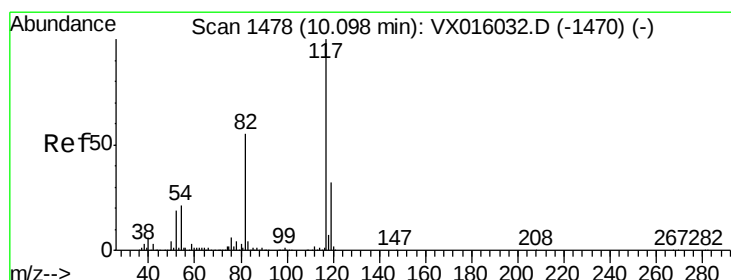
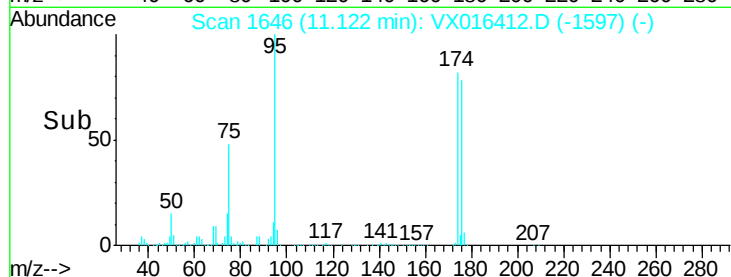
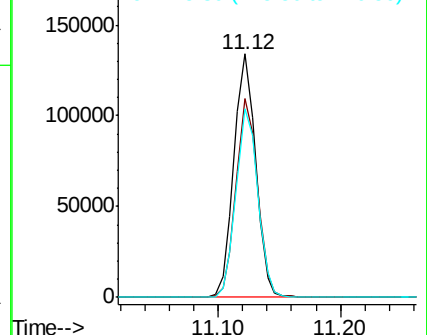
176 77.8 0.0 157.6



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: VX016412.D

Acq: 22 May 2020 15:14

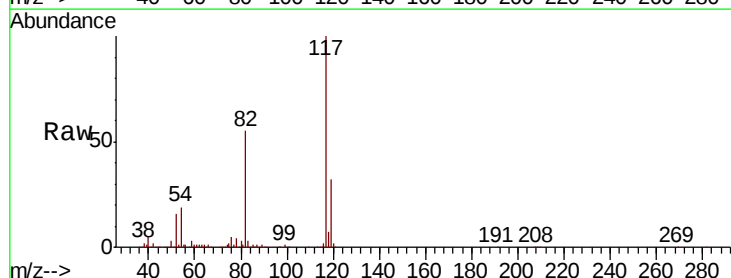
Tgt Ion: 117 Resp: 335460

Ion Ratio Lower Upper

117 100

82 54.6 44.4 66.6

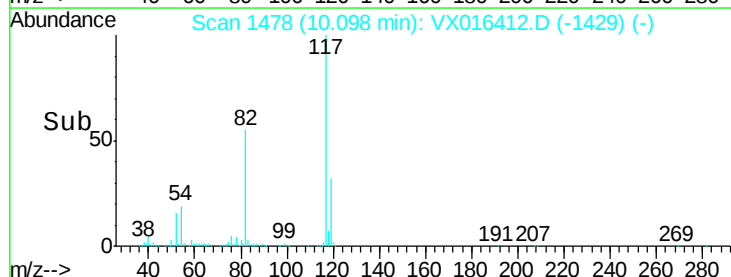
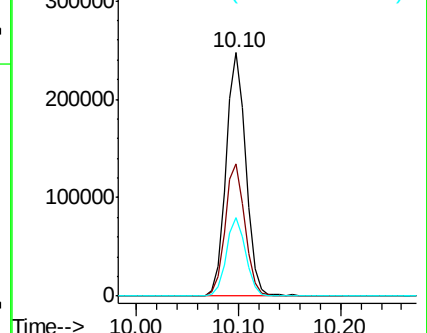
119 32.2 25.5 38.3

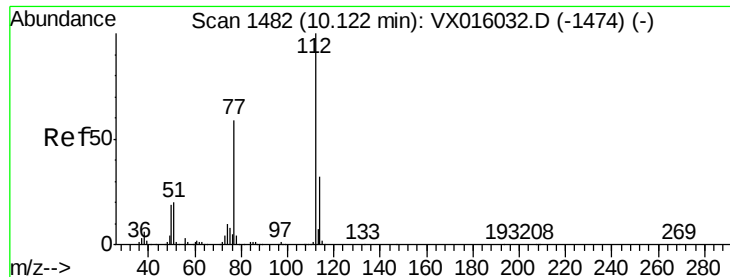


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 0.215 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016412.D

Acq: 22 May 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

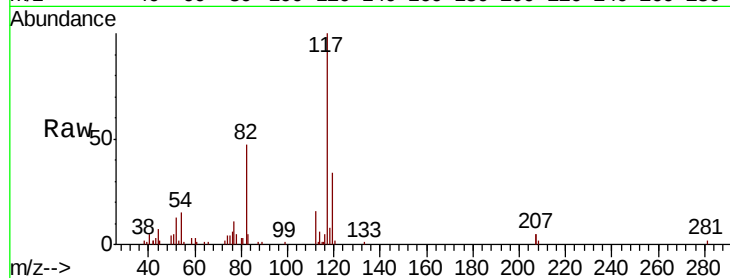
SS042MW007-200521

Tot Ion:112 Resp: 1507

Ion Ratio Lower Upper

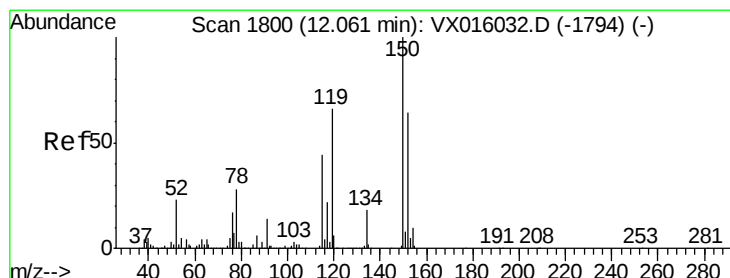
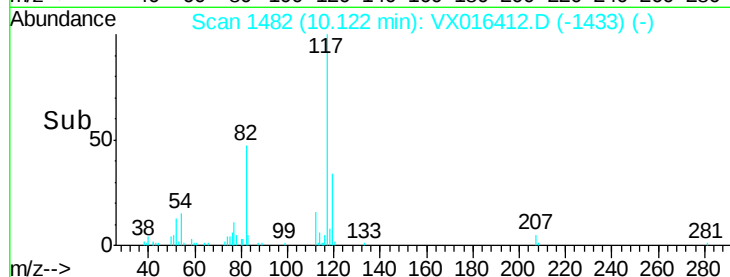
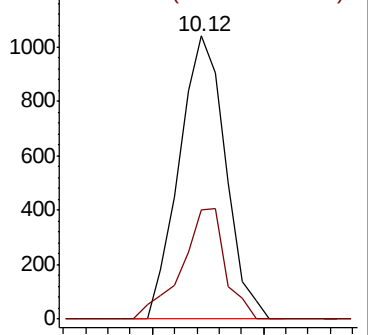
112 100

114 38.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016412.D

Acq: 22 May 2020 15:14

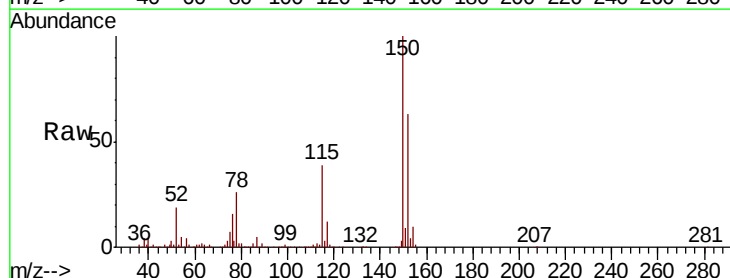
Tgt Ion:152 Resp: 166649

Ion Ratio Lower Upper

152 100

115 59.8 41.3 124.1

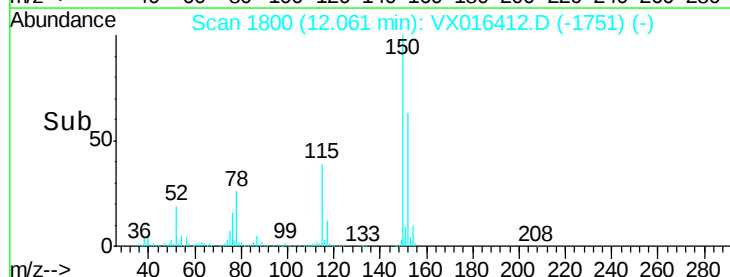
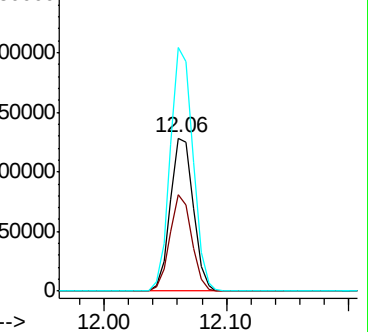
150 157.2 0.0 352.2

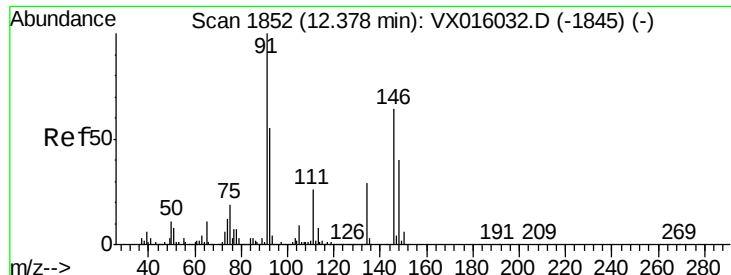


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 0.243 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX016412.D

Acq: 22 May 2020 15:14

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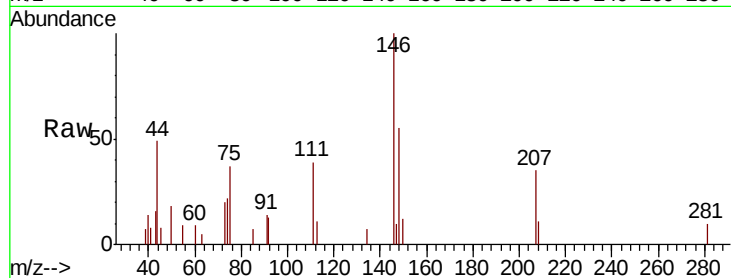
Tot Ion:146 Resp: 1317

Ion Ratio Lower Upper

146 100

111 43.6 21.1 63.1

148 58.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

