

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016212.D
 Acq On : 14 May 2020 04:40
 Operator : JC/SP
 Sample : L2626-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW731-200512

Quant Time: May 14 07:57:40 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	266277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	436904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216329	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	162324	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
35) Dibromofluoromethane	5.47	113	129354	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
50) Toluene-d8	8.70	98	541520	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.12	95	212897	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	

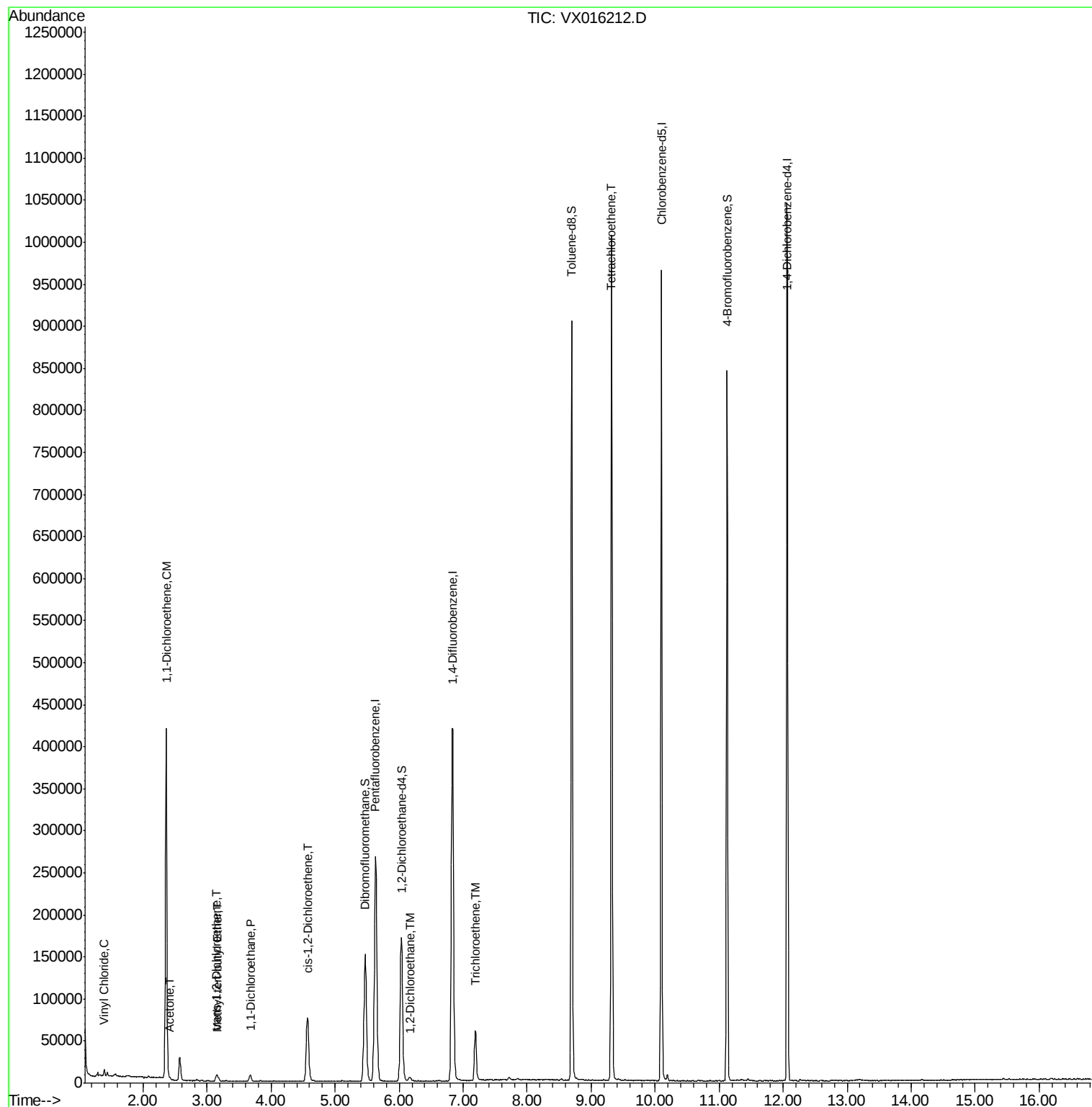
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	2921	0.836	ug/l	99
12) 1,1-Dichloroethene	2.36	96	139778	50.498	ug/l	96
16) Acetone	2.42	43	2163	1.384	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	4473	0.469	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	3016	0.978	ug/l	90
24) 1,1-Dichloroethane	3.68	63	8645	1.614	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	49480	14.673	ug/l	89
42) 1,2-Dichloroethane	6.17	62	4119	0.909	ug/l	98
44) Trichloroethene	7.19	130	23005	5.146	ug/l	99
64) Tetrachloroethene	9.32	164	204179	38.540	ug/l	97

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

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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# 746

Delta R.T. -0.00 min

Lab File: VX016212.D

Acq: 14 May 2020 04:40

Instrument :

MSVOA_X

ClientSampleId :

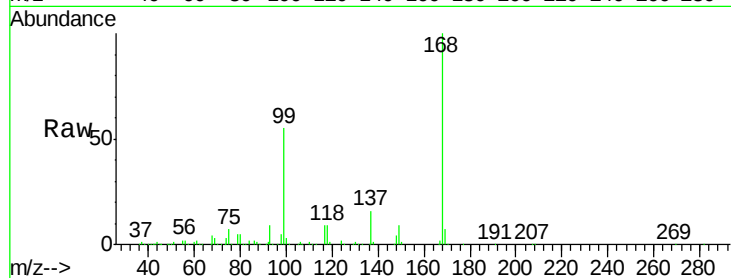
SS052MW731-200512

Tot Ion:168 Resp: 266277

Ion Ratio Lower Upper

168 100

99 54.5 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

100000

80000

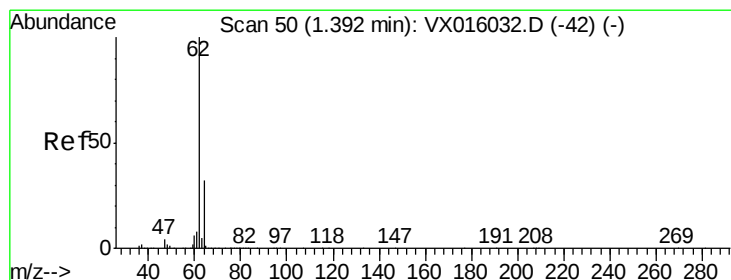
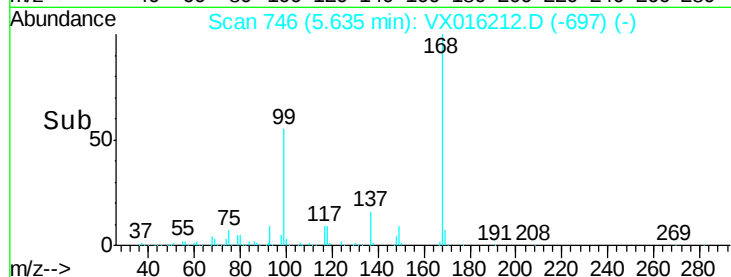
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.836 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016212.D

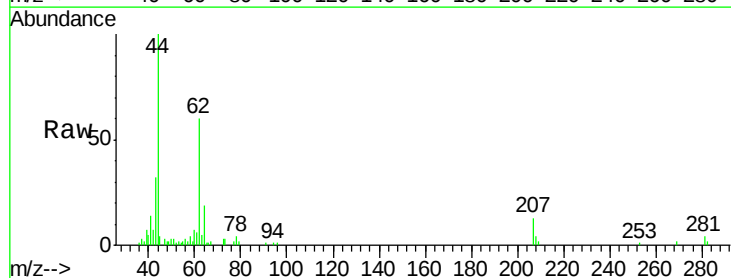
Acq: 14 May 2020 04:40

Tgt Ion: 62 Resp: 2921

Ion Ratio Lower Upper

62 100

64 31.7 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

3000

2500

2000

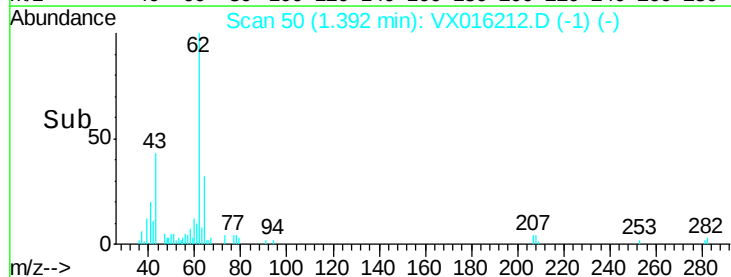
1500

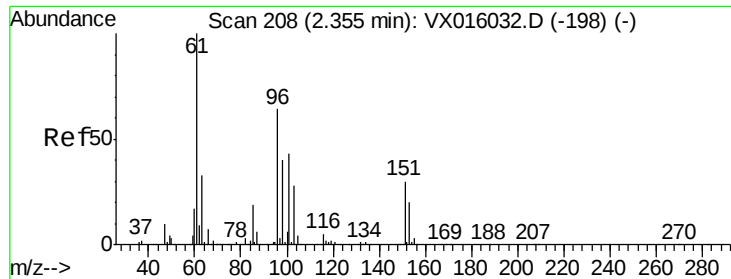
1000

500

0

Time--> 1.30 1.35 1.40 1.45





#12

1,1-Dichloroethene

Concen: 50.498 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX016212.D

Acq: 14 May 2020 04:40

Instrument :

MSVOA_X

ClientSampleId :

SS052MW731-200512

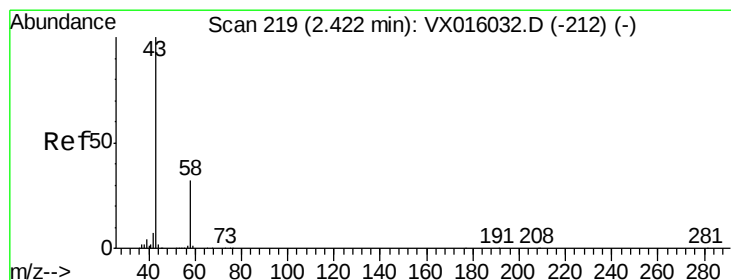
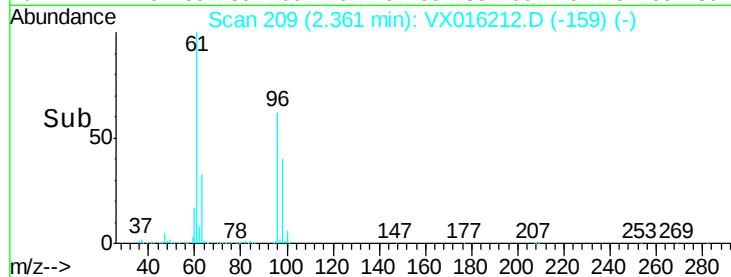
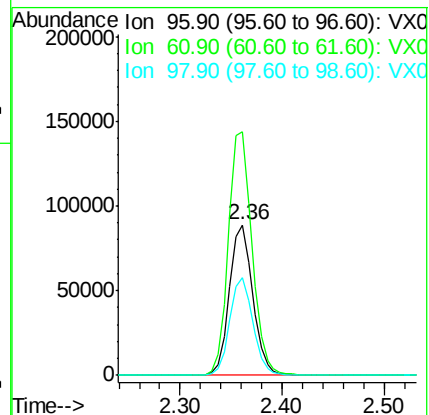
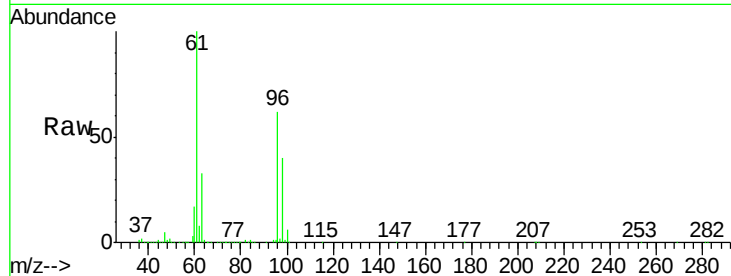
Tot Ion: 96 Resp: 139778

Ion Ratio Lower Upper

96 100

61 162.1 124.8 187.2

98 64.7 49.7 74.5



#16

Acetone

Concen: 1.384 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016212.D

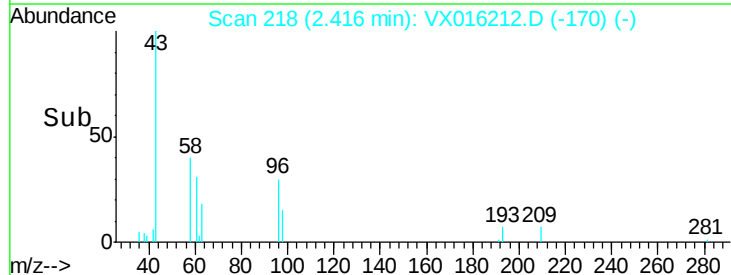
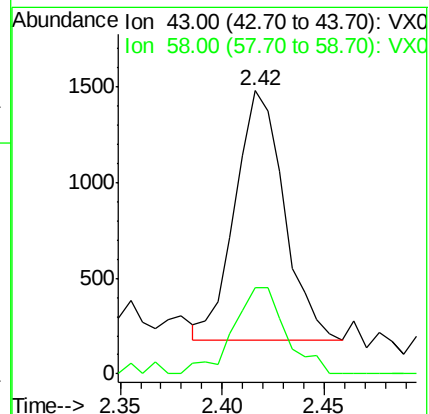
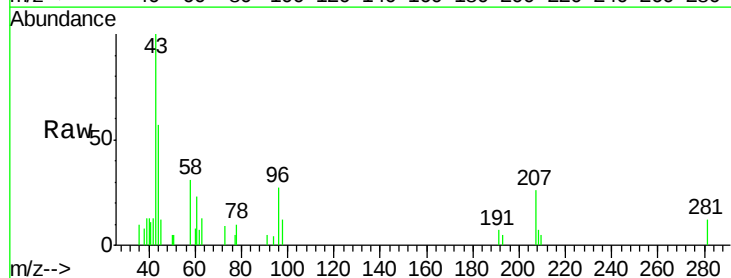
Acq: 14 May 2020 04:40

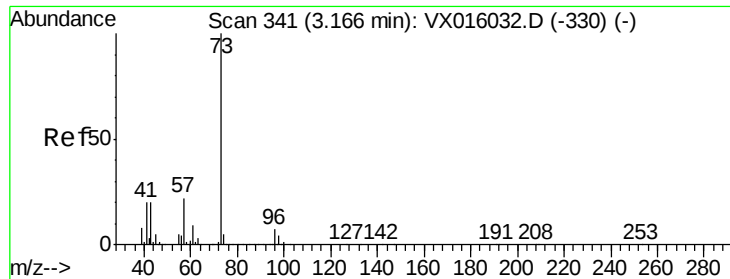
Tgt Ion: 43 Resp: 2163

Ion Ratio Lower Upper

43 100

58 34.8 25.4 38.0



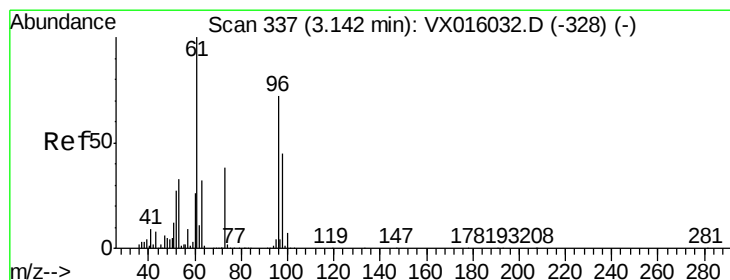
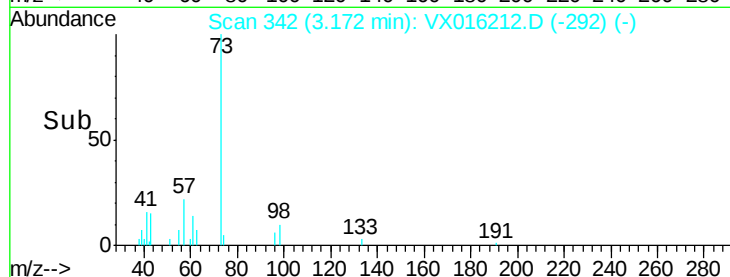
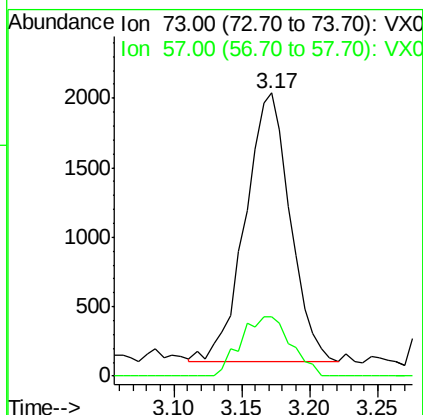
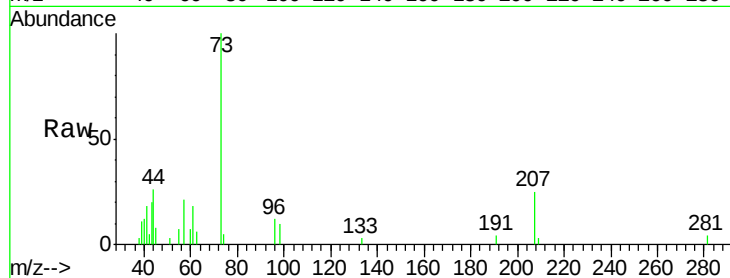


#19

Methyl tert-butyl Ether
 Concen: 0.469 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016212.D
 Acq: 14 May 2020 04:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW731-200512

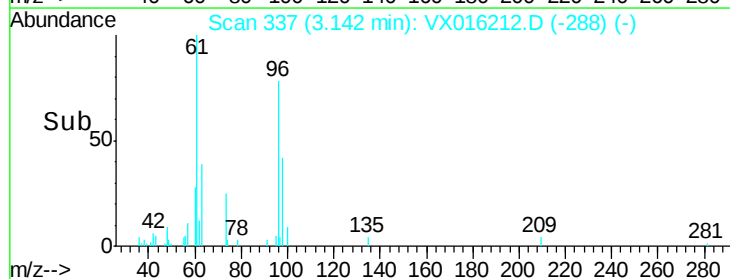
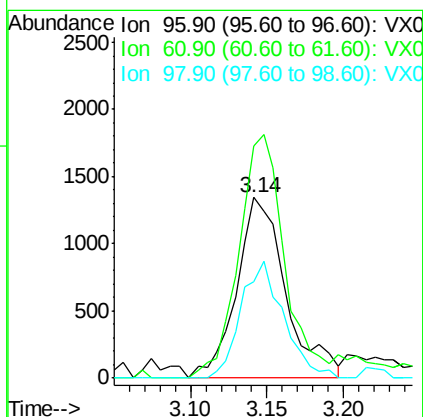
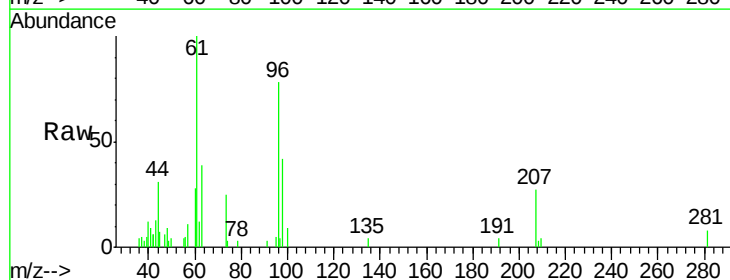
Tot Ion: 73 Resp: 4473
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.6

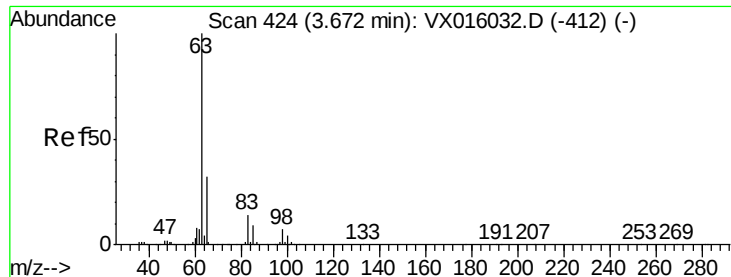


#21

trans-1,2-Dichloroethene
 Concen: 0.978 ug/l
 RT: 3.14 min Scan# 337
 Delta R.T. -0.00 min
 Lab File: VX016212.D
 Acq: 14 May 2020 04:40

Tgt Ion: 96 Resp: 3016
 Ion Ratio Lower Upper
 96 100
 61 128.5 111.2 166.8
 98 53.3 50.2 75.4





#24

1,1-Dichloroethane

Concen: 1.614 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX016212.D

Acq: 14 May 2020 04:40

Instrument :

MSVOA_X

ClientSampleId :

SS052MW731-200512

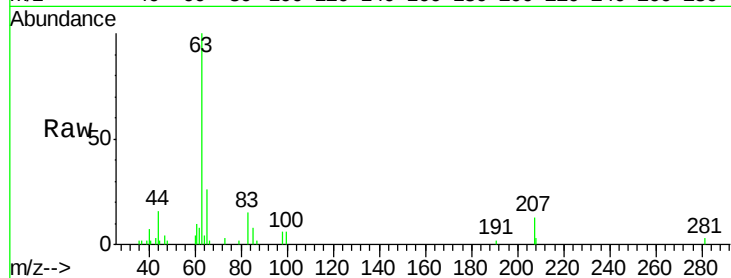
Tot Ion: 63 Resp: 8645

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.5

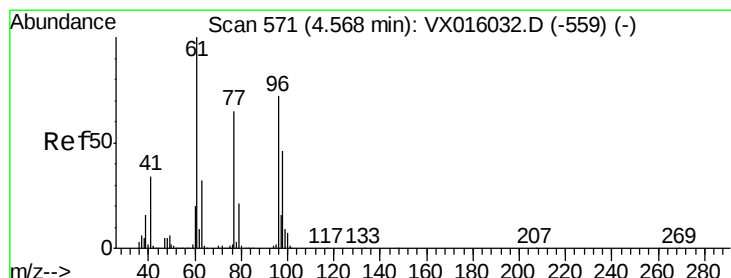
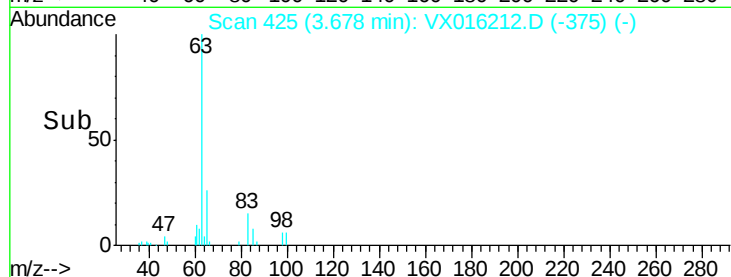
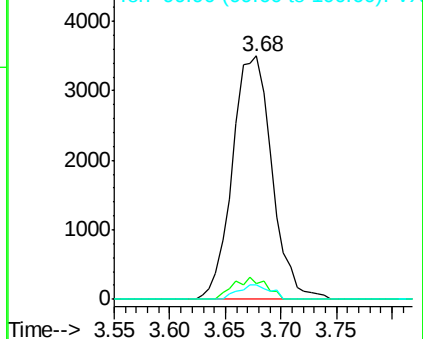
100 6.0 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 14.673 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016212.D

Acq: 14 May 2020 04:40

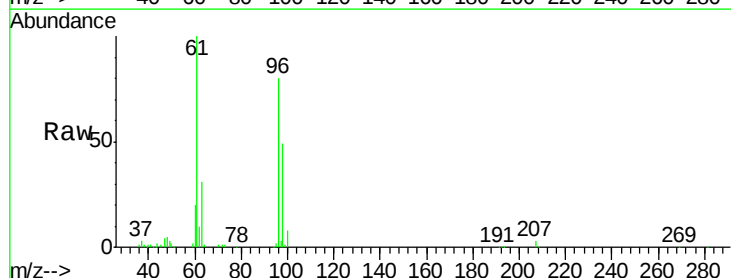
Tgt Ion: 96 Resp: 49480

Ion Ratio Lower Upper

96 100

61 128.0 0.0 296.2

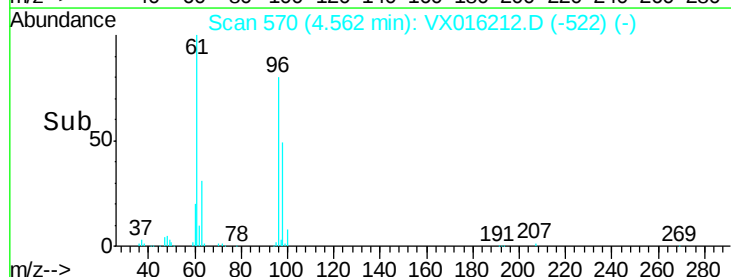
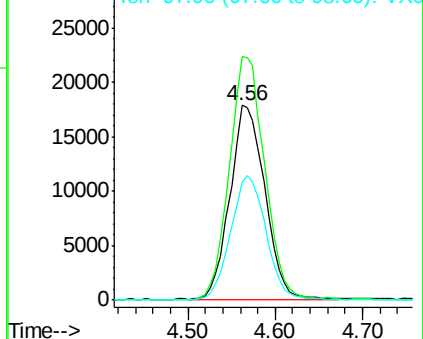
98 64.8 0.0 129.4

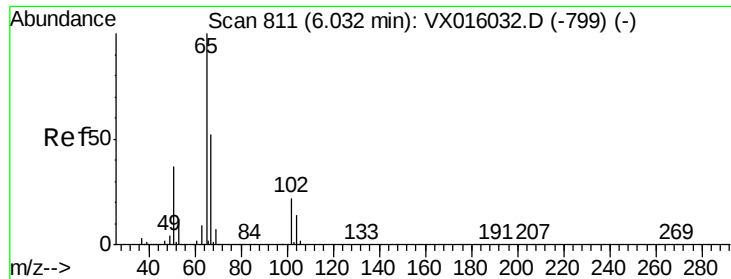


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.326 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016212.D

Acq: 14 May 2020 04:40

Instrument :

MSVOA_X

ClientSampleId :

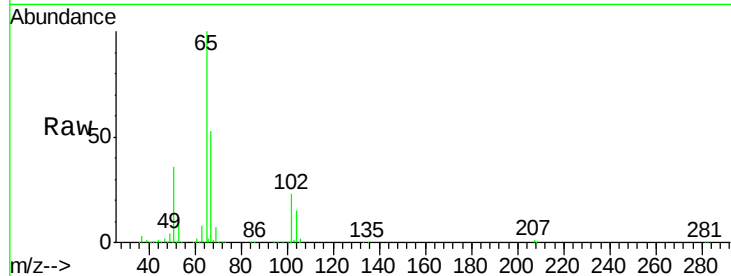
SS052MW731-200512

Tot Ion: 65 Resp: 162324

Ion Ratio Lower Upper

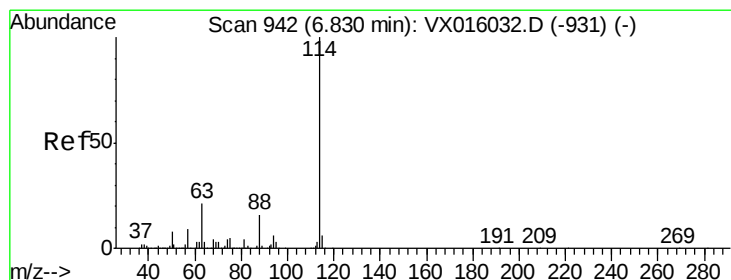
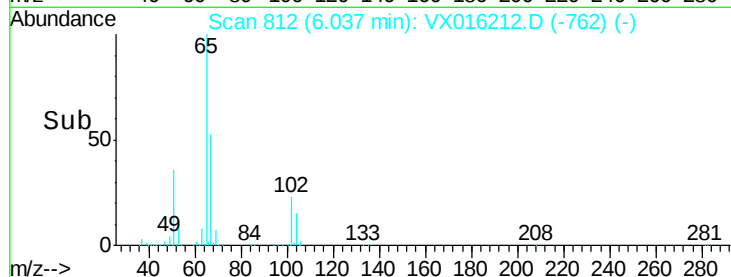
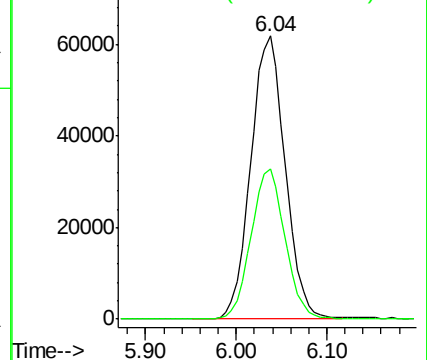
65 100

67 52.7 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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016212.D

Acq: 14 May 2020 04:40

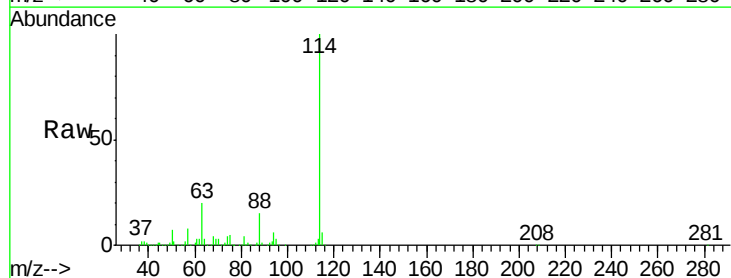
Tgt Ion: 114 Resp: 436904

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.8

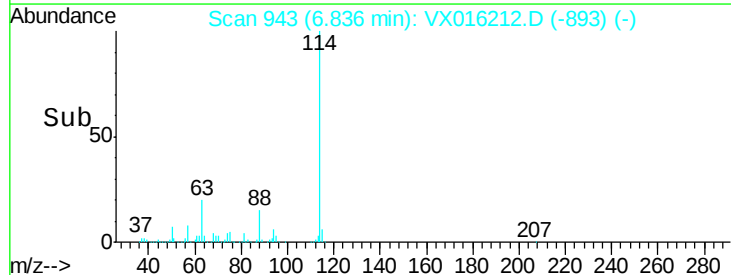
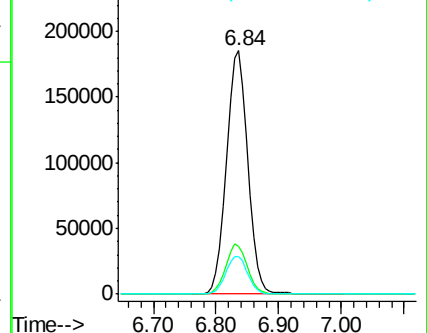
88 15.4 0.0 31.4



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

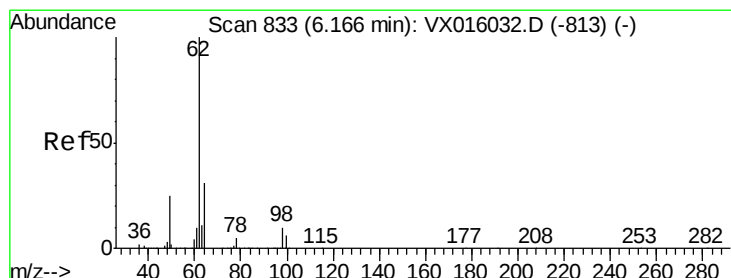
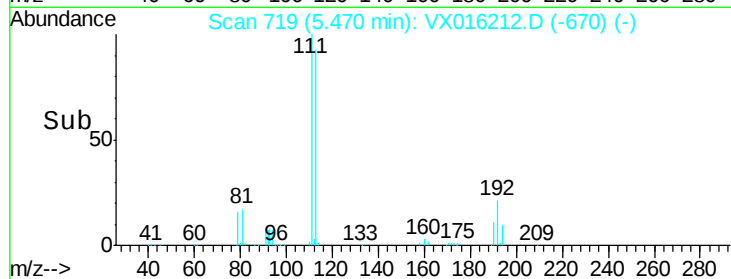
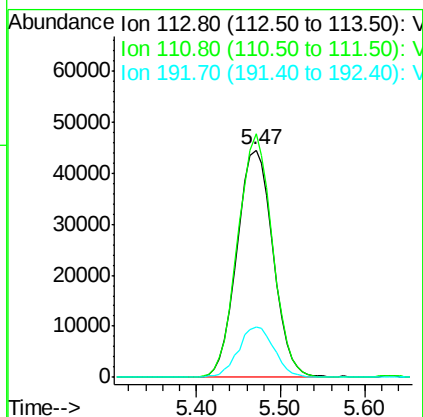
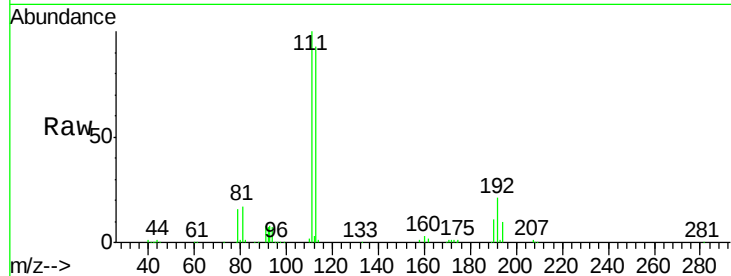




#35
 Dibromofluoromethane
 Concen: 46.732 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016212.D
 Acq: 14 May 2020 04:40

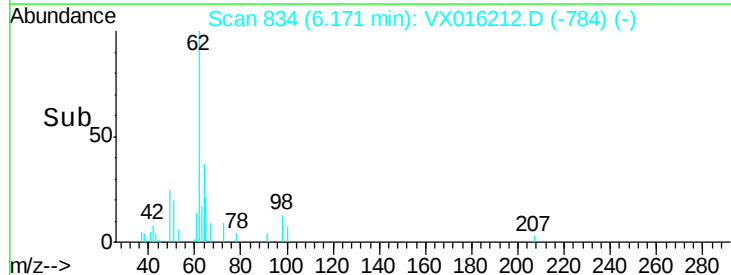
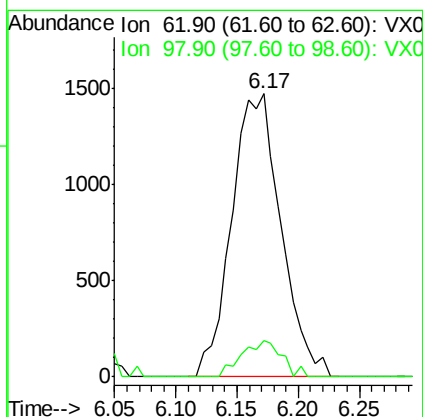
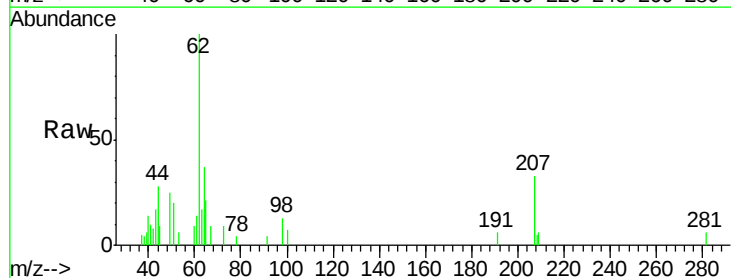
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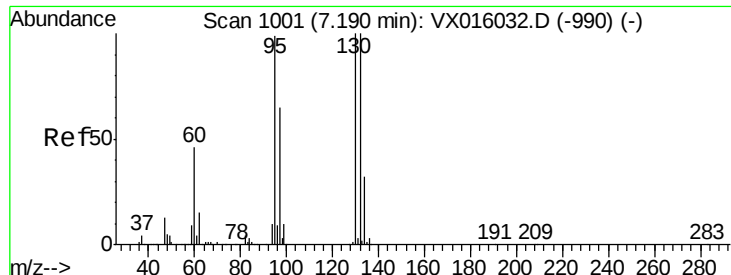
Tot Ion:113 Resp: 129354
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.6 122.4
 192 22.0 17.0 25.4



#42
 1,2-Dichloroethane
 Concen: 0.909 ug/l
 RT: 6.17 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: VX016212.D
 Acq: 14 May 2020 04:40

Tgt Ion: 62 Resp: 4119
 Ion Ratio Lower Upper
 62 100
 98 10.4 0.0 19.4





#44

Trichloroethene

Concen: 5.146 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016212.D

Acq: 14 May 2020 04:40

Instrument :

MSVOA_X

ClientSampleId :

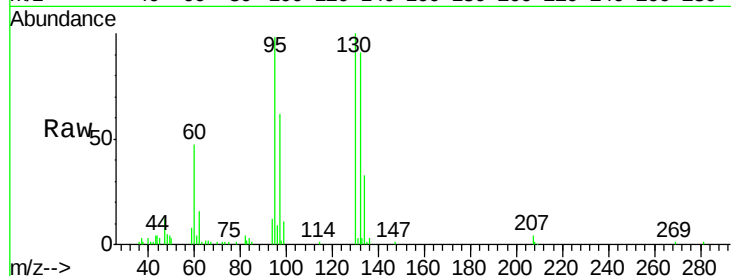
SS052MW731-200512

Tot Ion:130 Resp: 23005

Ion Ratio Lower Upper

130 100

95 97.6 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

12000

10000

8000

6000

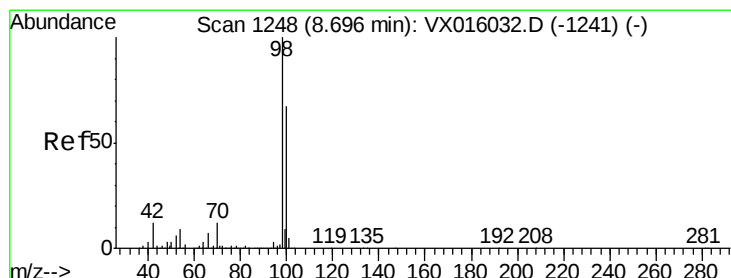
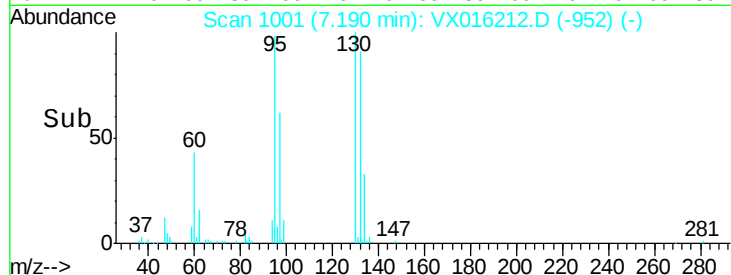
4000

2000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 50.775 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016212.D

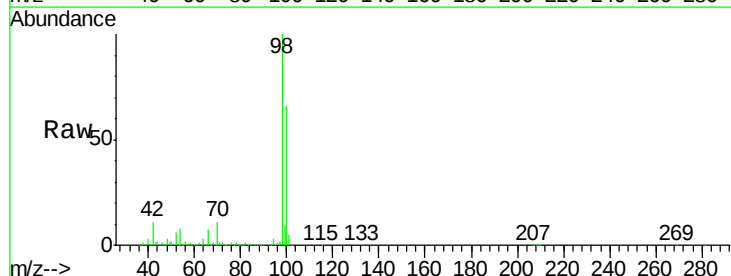
Acq: 14 May 2020 04:40

Tgt Ion: 98 Resp: 541520

Ion Ratio Lower Upper

98 100

100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

300000

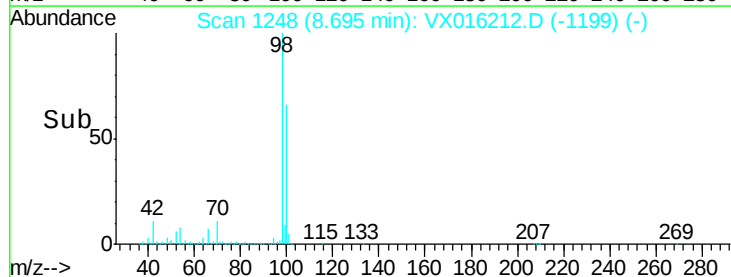
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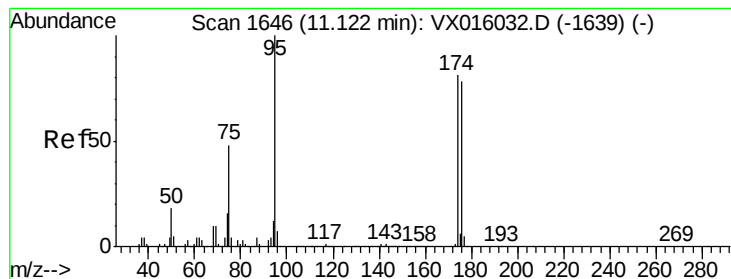
100000

0

Time-->

8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 52.482 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016212.D

Acq: 14 May 2020 04:40

Instrument :

MSVOA_X

ClientSampleId :

SS052MW731-200512

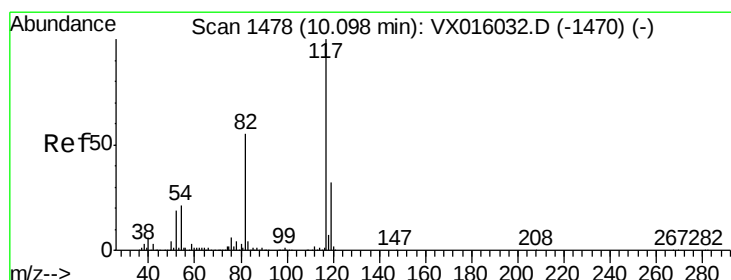
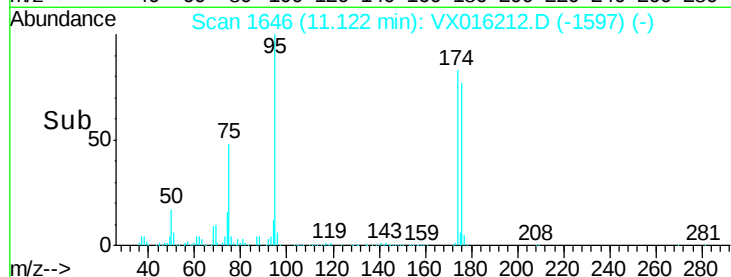
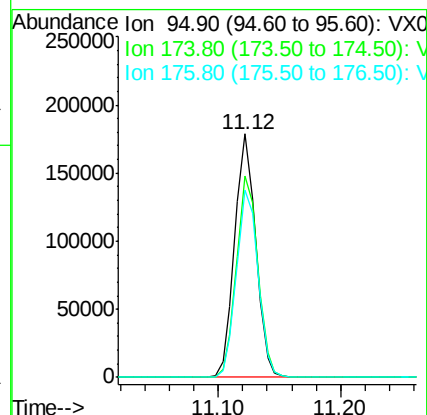
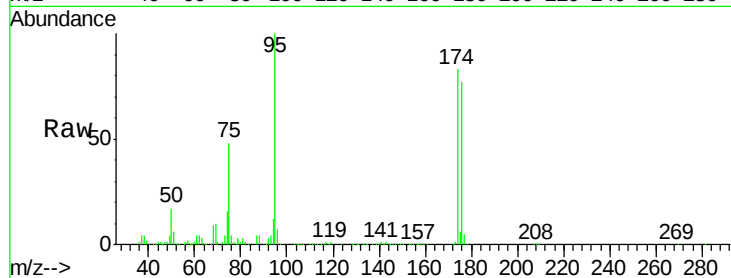
Tot Ion: 95 Resp: 212897

Ion Ratio Lower Upper

95 100

174 83.7 0.0 159.4

176 78.9 0.0 157.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016212.D

Acq: 14 May 2020 04:40

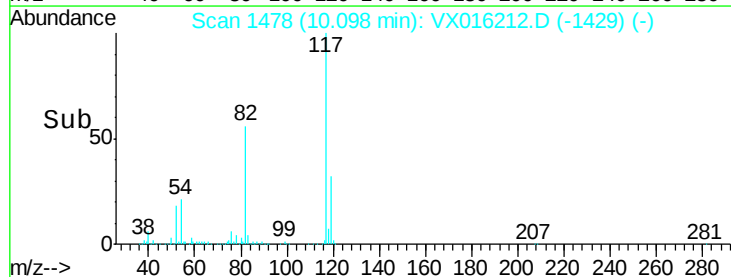
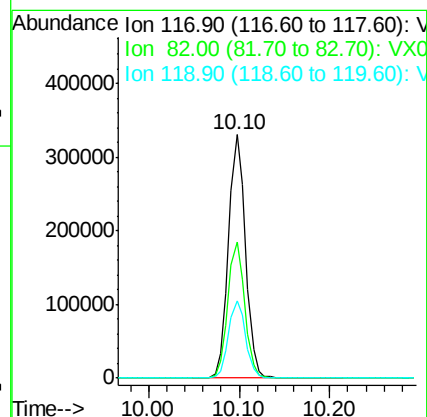
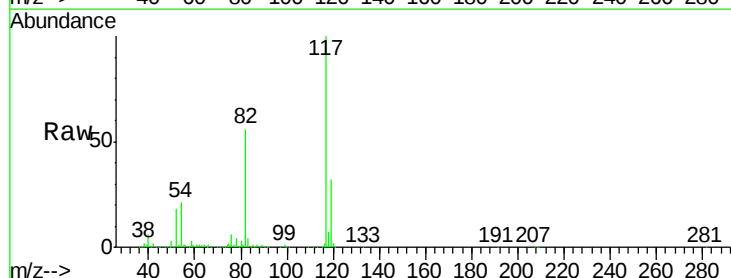
Tgt Ion: 117 Resp: 431546

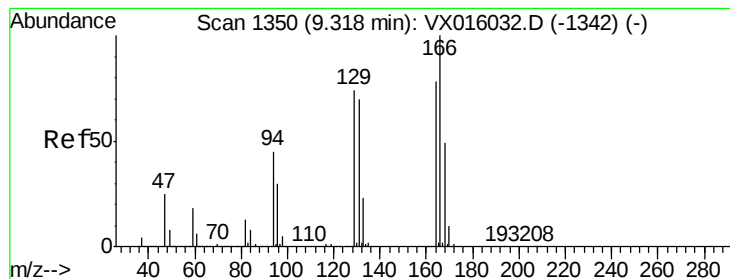
Ion Ratio Lower Upper

117 100

82 55.8 44.4 66.6

119 31.9 25.5 38.3





#64

Tetrachloroethene

Concen: 38.540 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016212.D

Acq: 14 May 2020 04:40

Instrument :

MSVOA_X

ClientSampleId :

SS052MW731-200512

Tot Ion:164 Resp: 204179

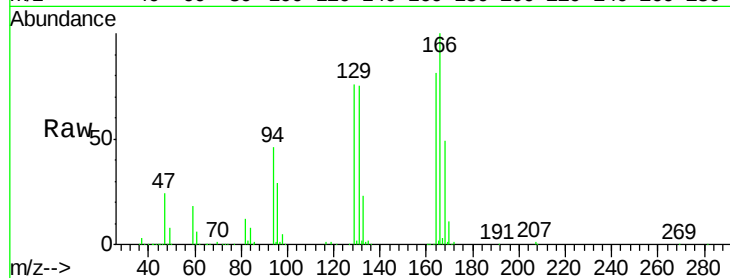
Ion Ratio Lower Upper

164 100

166 123.0 102.9 154.3

129 94.0 76.1 114.1

131 92.0 71.9 107.9

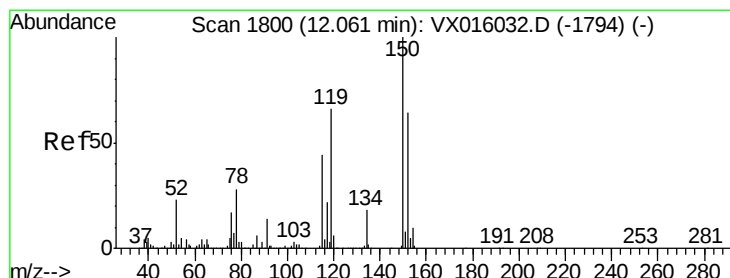
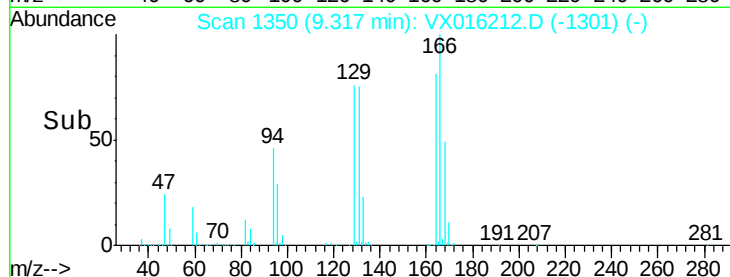
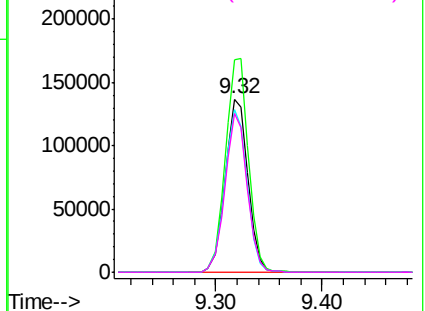


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX016212.D

Acq: 14 May 2020 04:40

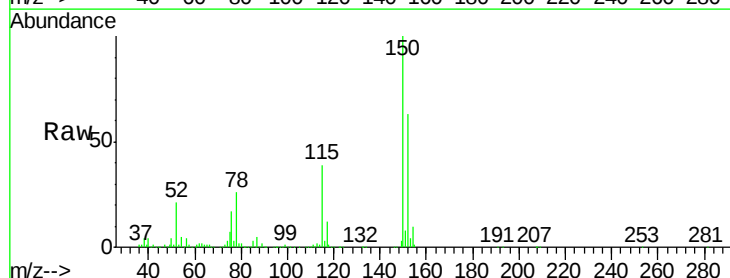
Tgt Ion:152 Resp: 216329

Ion Ratio Lower Upper

152 100

115 59.6 41.3 124.1

150 157.5 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

