

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
 Data File : VX015849.D
 Acq On : 22 Apr 2020 18:09
 Operator : JC/SP
 Sample : L2379-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW162-200420

Quant Time: Apr 23 12:12:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	892197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1382494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1398441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	750947	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	508837	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
35) Dibromofluoromethane	5.47	113	402887	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	8.70	98	1697820	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	11.12	95	727146	55.18	ug/l	0.00
Spiked Amount			Recovery	=	110.36%	

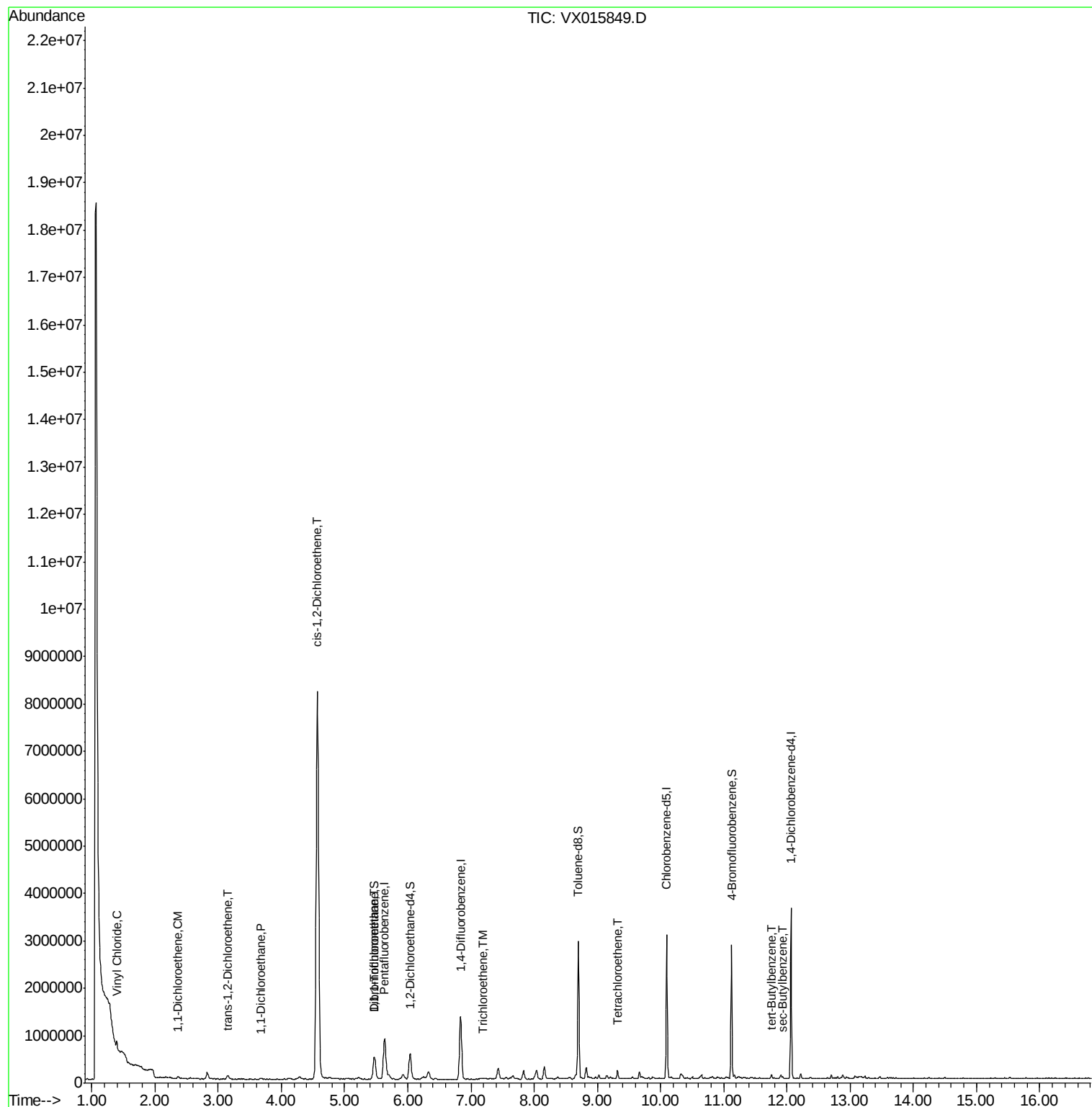
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	80857	8.931	ug/l	100
12) 1,1-Dichloroethene	2.36	96	11129	1.424	ug/l	92
21) trans-1,2-Dichloroethene	3.15	96	11704	1.350	ug/l	92
24) 1,1-Dichloroethane	3.67	63	18659	1.196	ug/l #	93
27) cis-1,2-Dichloroethene	4.57	96	5288080	537.219	ug/l	89
32) 1,1,1-Trichloroethane	5.47	97	9124	0.652	ug/l #	35
44) Trichloroethene	7.19	130	7348	0.566	ug/l	85
64) Tetrachloroethene	9.32	164	31907	1.693	ug/l	93
83) tert-Butylbenzene	11.75	119	35072	0.972	ug/l	100
85) sec-Butylbenzene	11.93	105	19062	0.401	ug/l #	5

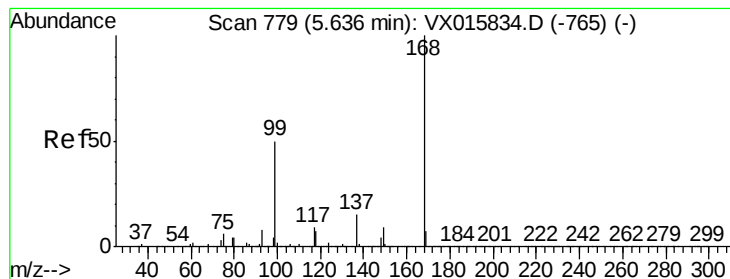
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
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Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

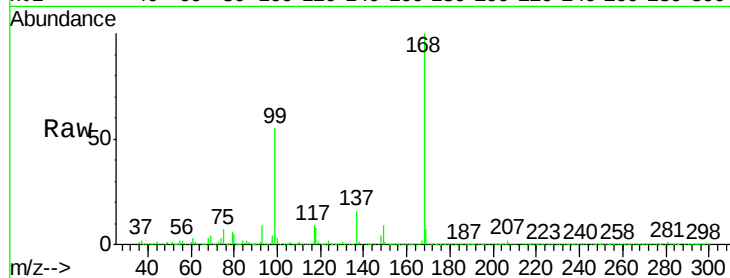
SS037MW162-200420

Tot Ion:168 Resp: 892197

Ion Ratio Lower Upper

168 100

99 55.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

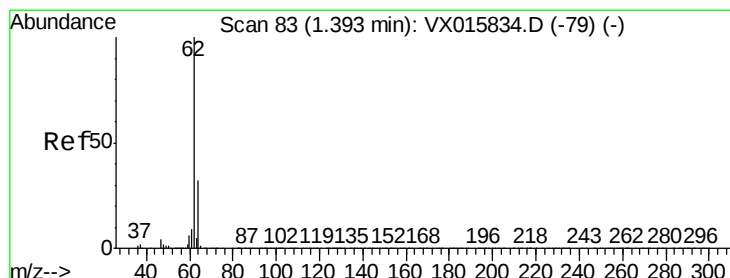
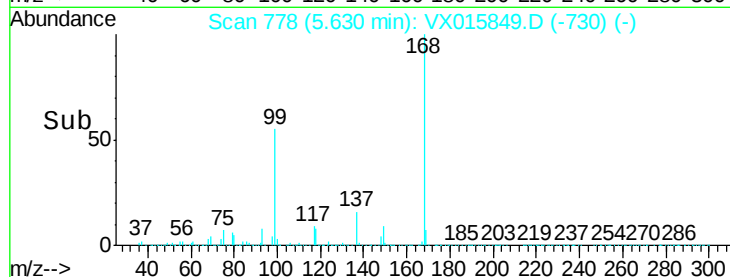
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 8.931 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015849.D

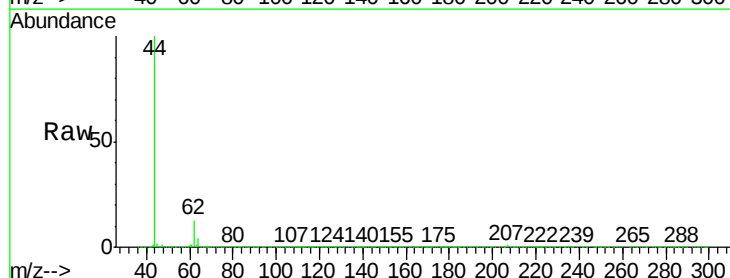
Acq: 22 Apr 2020 18:09

Tgt Ion: 62 Resp: 80857

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

80000

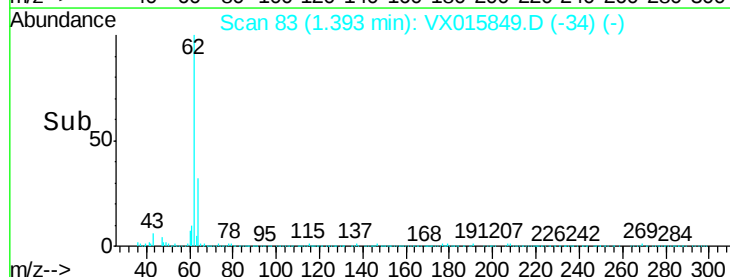
60000

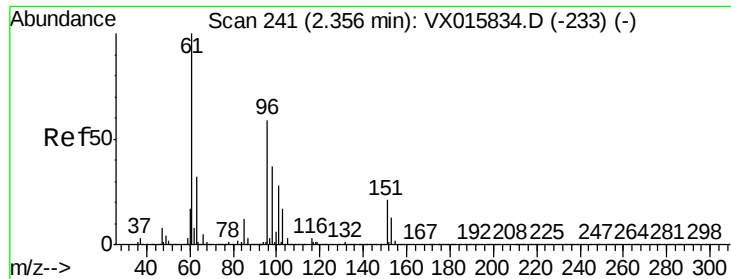
40000

20000

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.424 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

SS037MW162-200420

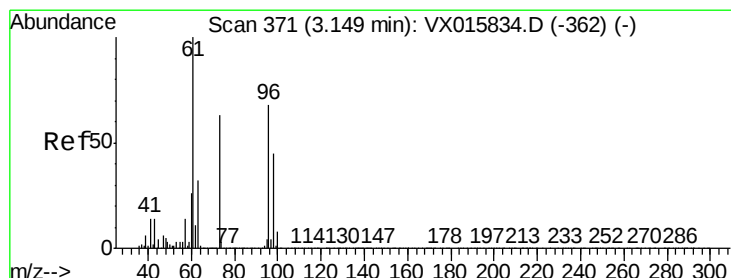
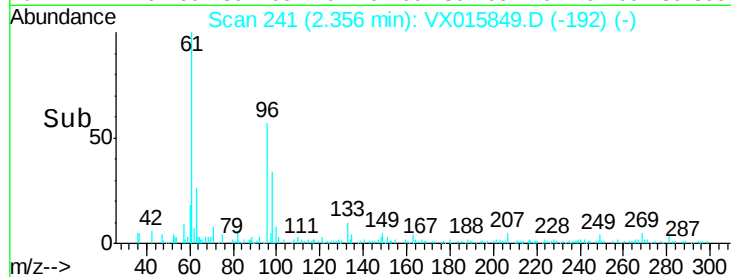
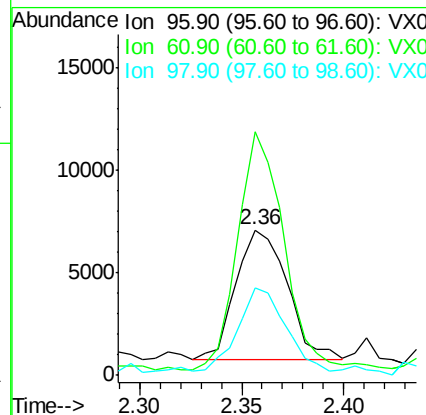
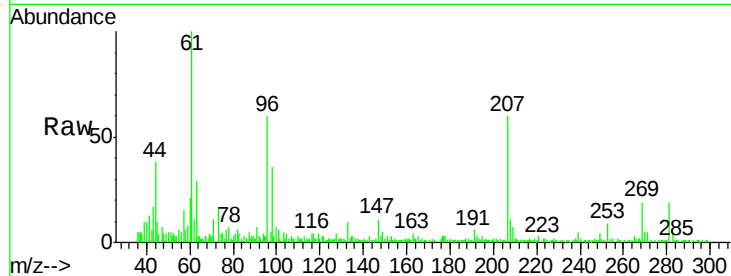
Tot Ion: 96 Resp: 11129

Ion Ratio Lower Upper

96 100

61 183.5 135.0 202.6

98 64.2 50.6 76.0



#21

trans-1,2-Dichloroethene

Concen: 1.350 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

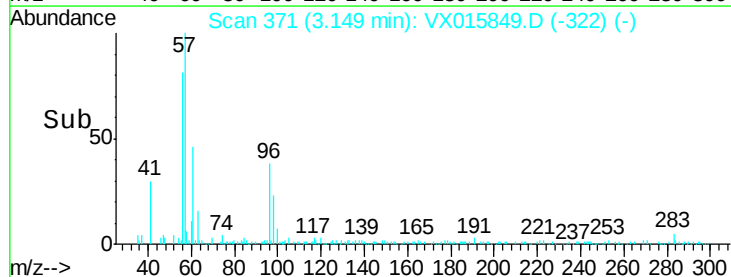
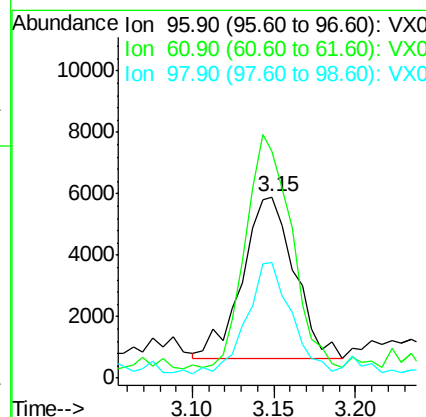
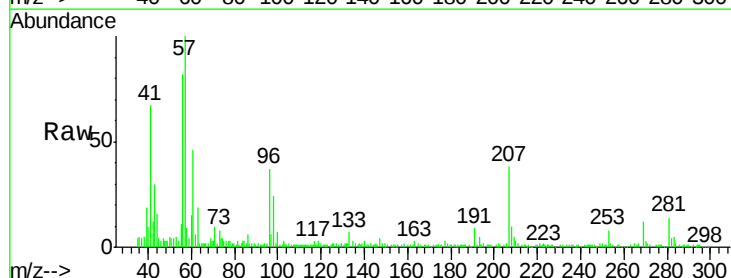
Tgt Ion: 96 Resp: 11704

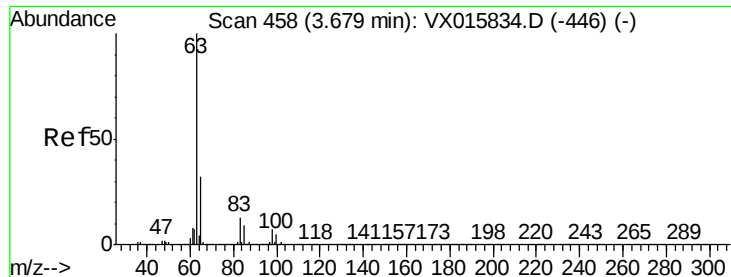
Ion Ratio Lower Upper

96 100

61 133.9 117.5 176.3

98 68.9 52.7 79.1





#24

1,1-Dichloroethane

Concen: 1.196 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

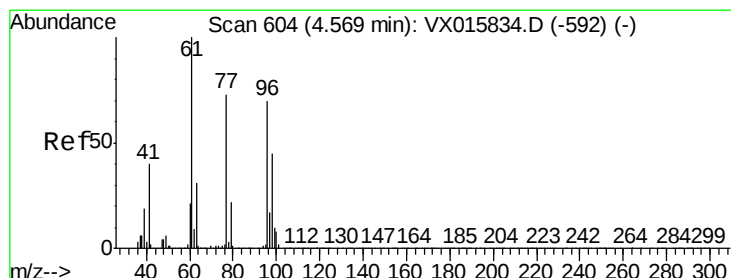
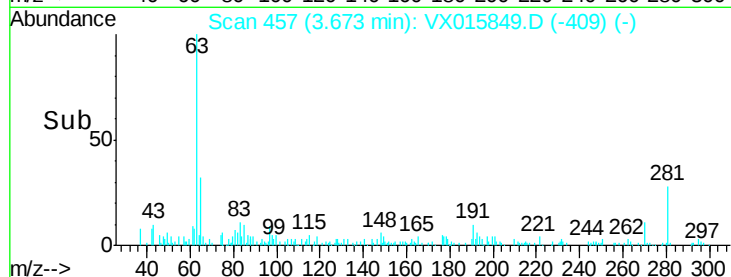
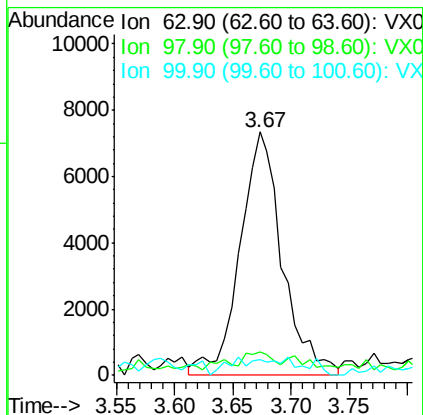
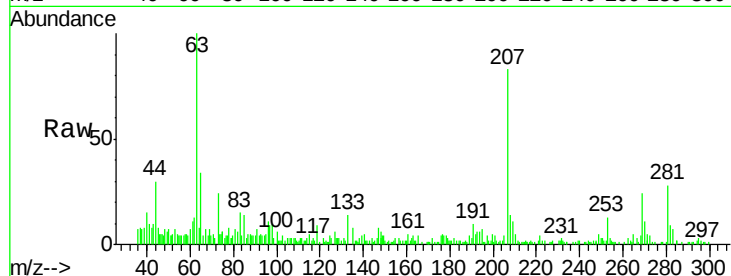
Instrument :

MSVOA_X

ClientSampleId :

SS037MW162-200420

Tot Ion:	63	Resp:	18659
Ion	Ratio	Lower	Upper
63	100		
98	3.1	3.5	10.4#
100	4.3	2.3	6.8



#27

cis-1,2-Dichloroethene

Concen: 537.219 ug/l

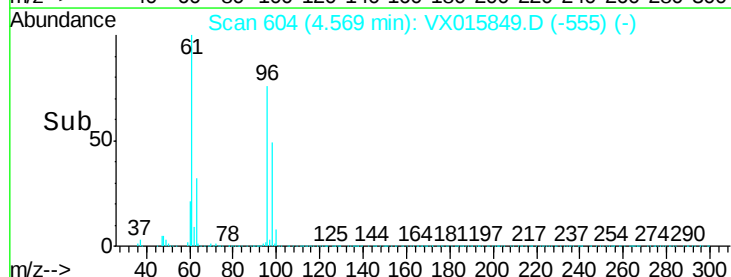
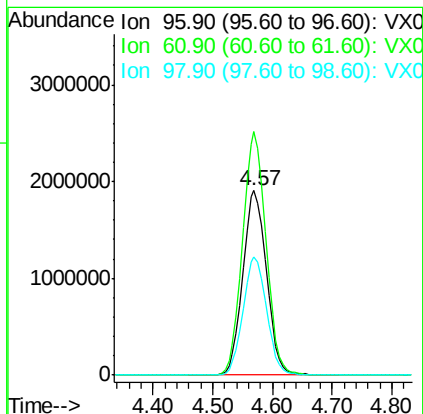
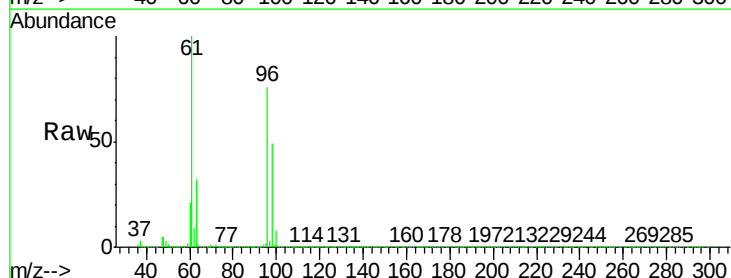
RT: 4.57 min Scan# 604

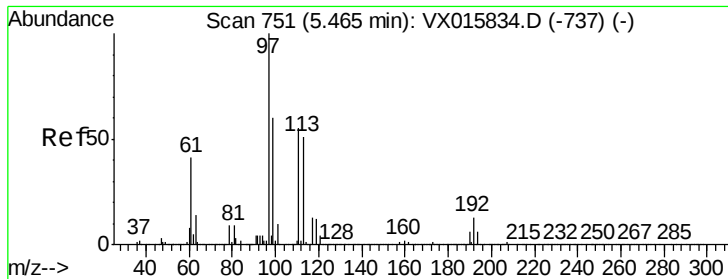
Delta R.T. 0.00 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

Tgt Ion:	96	Resp:	5288080
Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	299.4
98	64.1	0.0	129.6





#32

1,1,1-Trichloroethane

Concen: 0.652 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

SS037MW162-200420

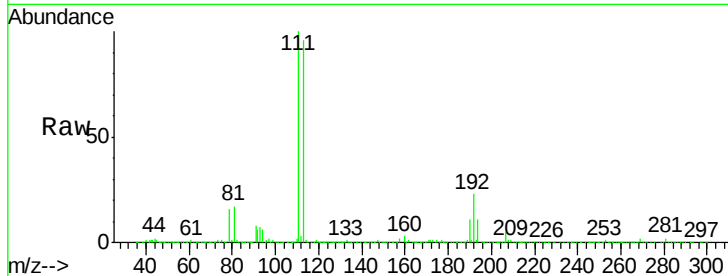
Tot Ion: 97 Resp: 9124

Ion Ratio Lower Upper

97 100

99 0.0 51.2 76.8#

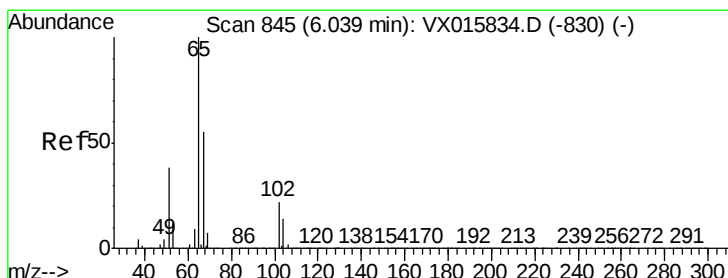
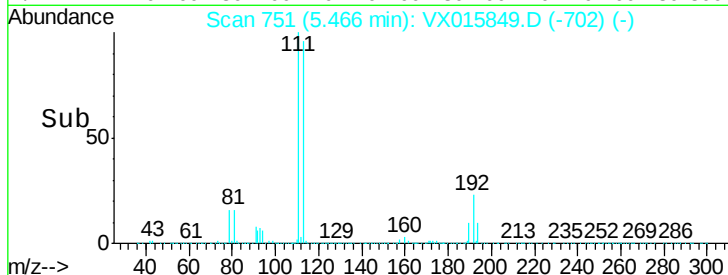
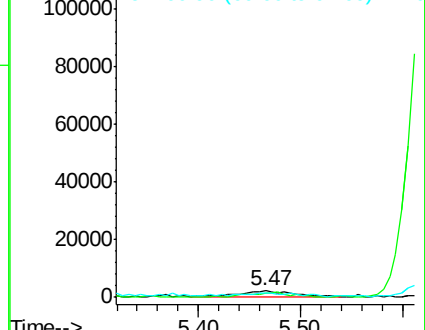
61 16.7 34.1 51.1#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.144 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015849.D

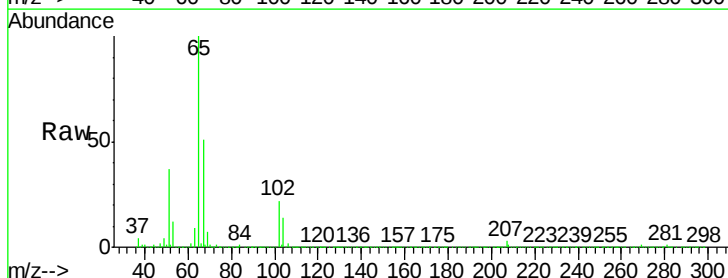
Acq: 22 Apr 2020 18:09

Tgt Ion: 65 Resp: 508837

Ion Ratio Lower Upper

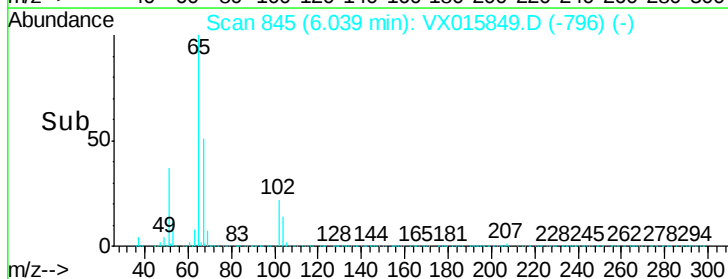
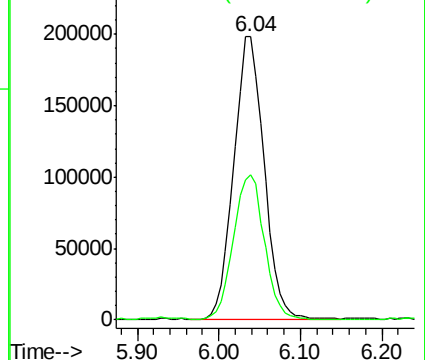
65 100

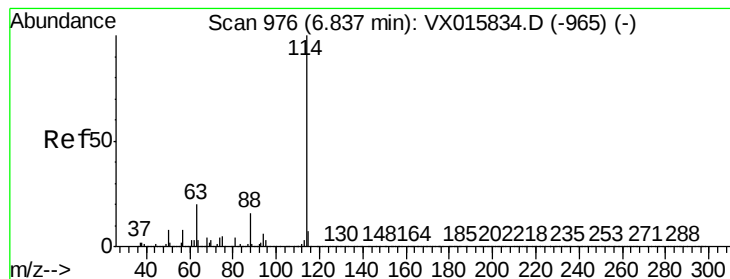
67 52.0 0.0 104.2



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# 976

Delta R.T. 0.00 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

SS037MW162-200420

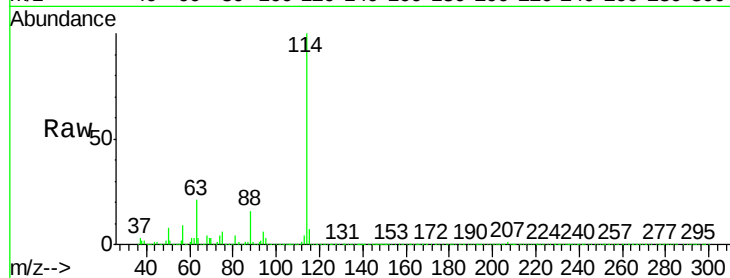
Tot Ion:114 Resp: 1382494

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.6

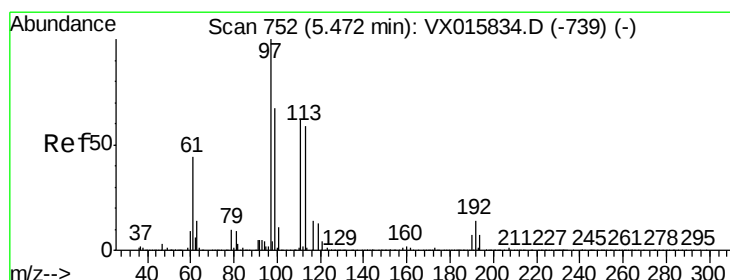
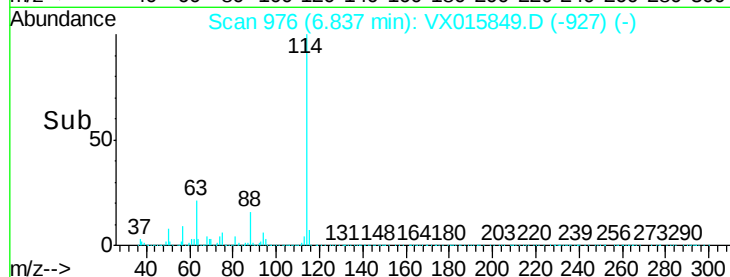
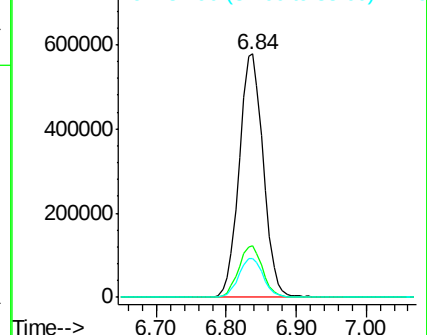
88 15.9 0.0 32.8



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: 50.486 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

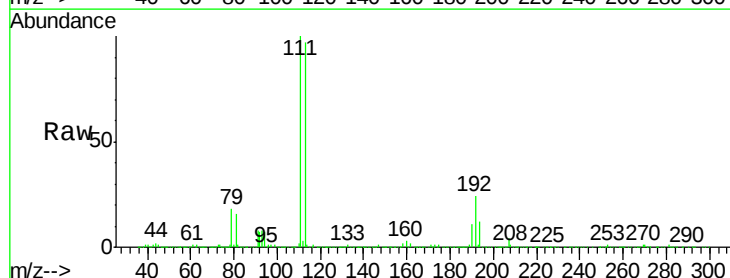
Tgt Ion:113 Resp: 402887

Ion Ratio Lower Upper

113 100

111 100.7 82.7 124.1

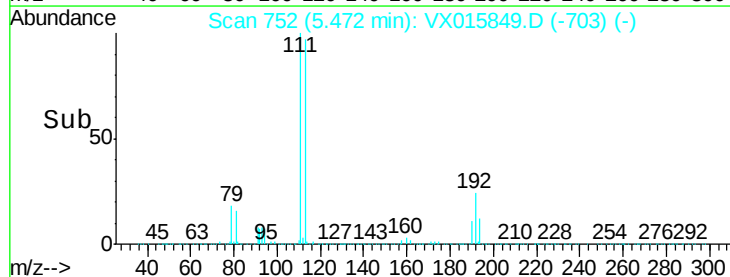
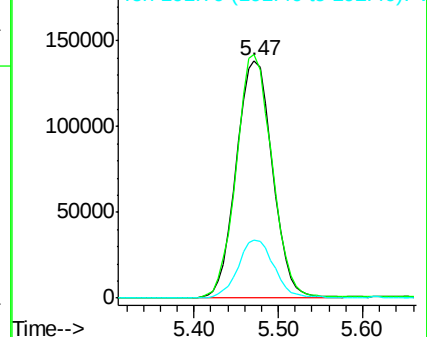
192 24.5 19.3 28.9

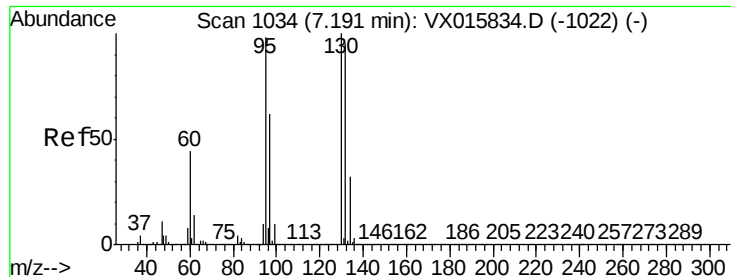


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.566 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

Instrument :

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ClientSampleId :

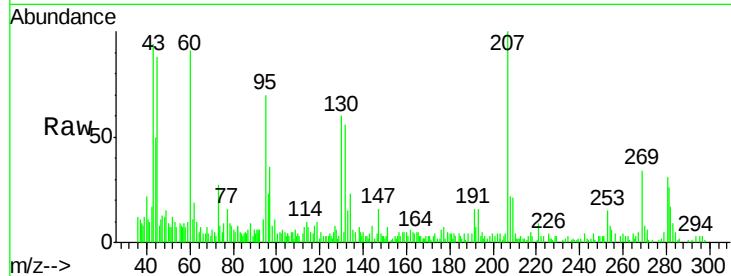
SS037MW162-200420

Tot Ion:130 Resp: 7348

Ion Ratio Lower Upper

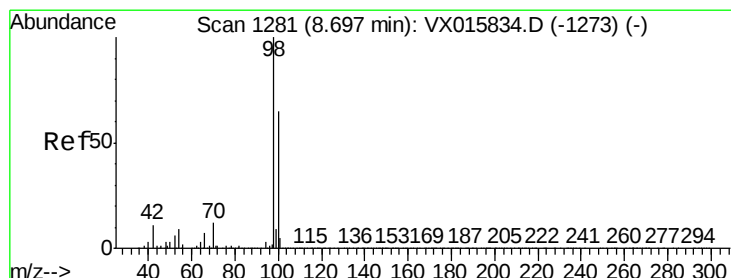
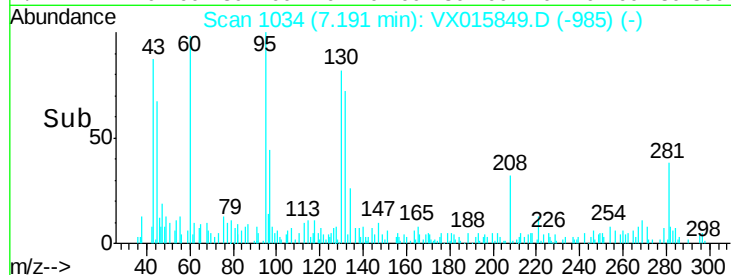
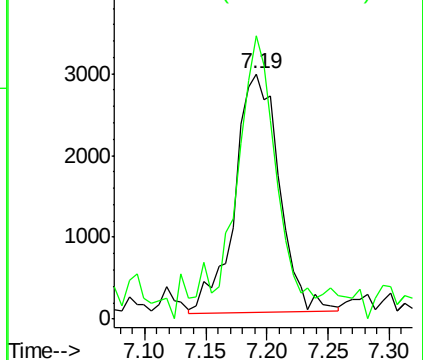
130 100

95 112.4 0.0 195.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.851 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015849.D

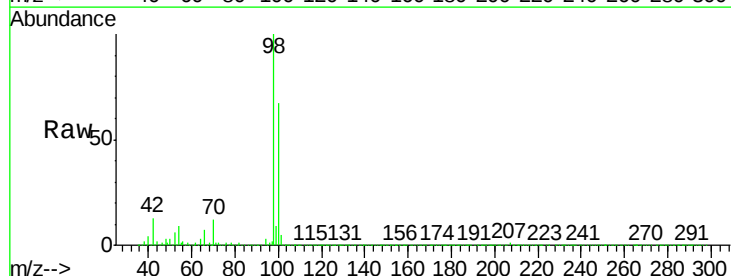
Acq: 22 Apr 2020 18:09

Tgt Ion: 98 Resp: 1697820

Ion Ratio Lower Upper

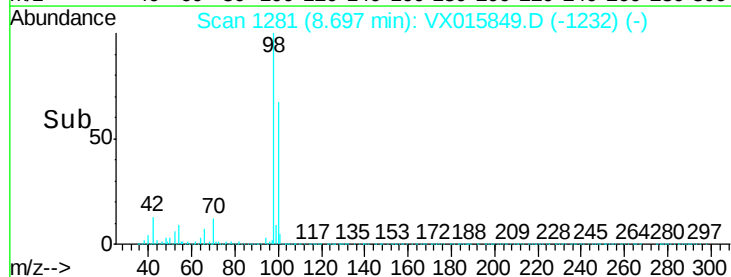
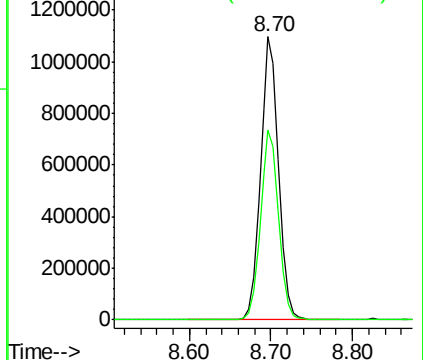
98 100

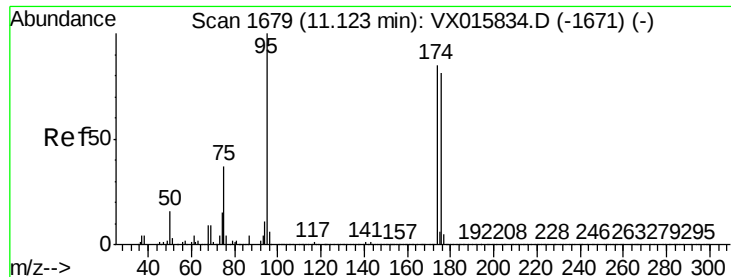
100 67.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.177 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

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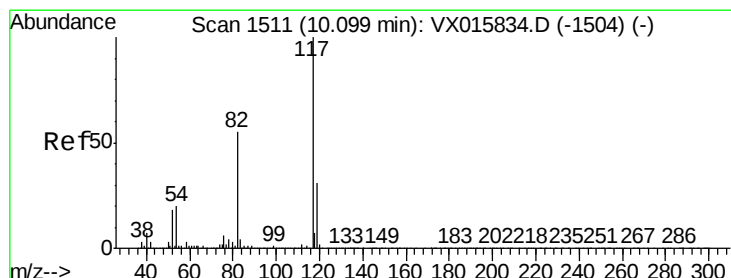
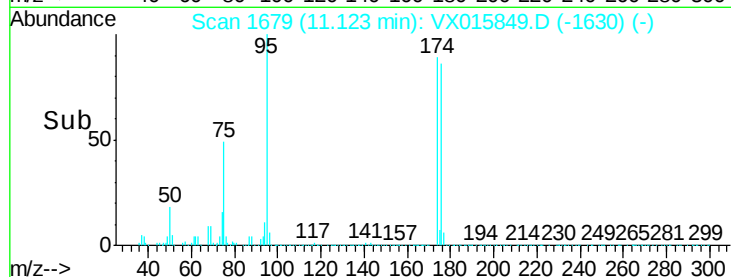
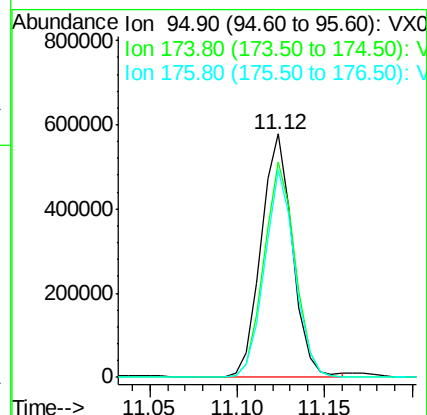
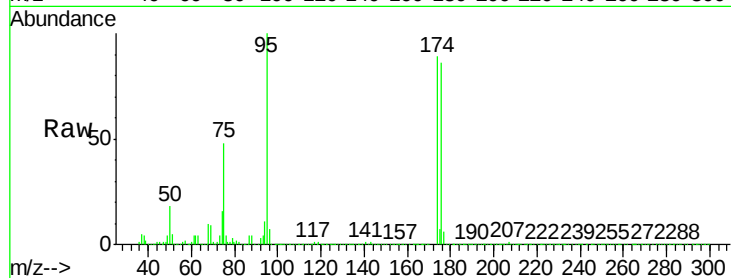
Tot Ion: 95 Resp: 727146

Ion Ratio Lower Upper

95 100

174 87.8 0.0 172.4

176 82.8 0.0 167.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

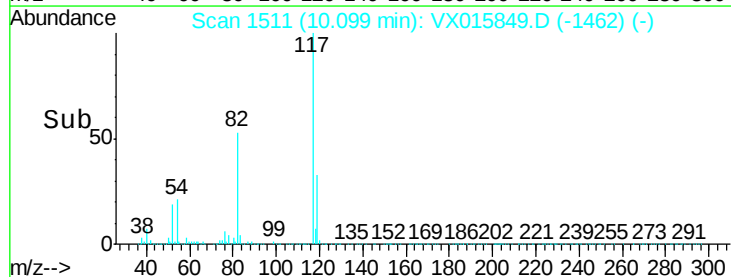
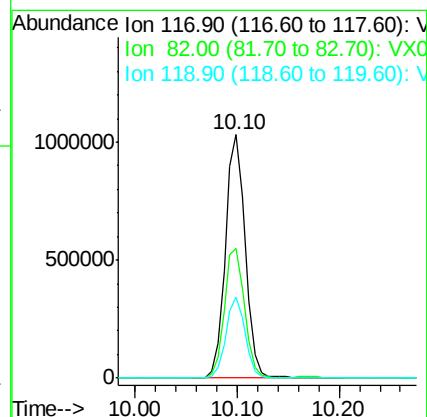
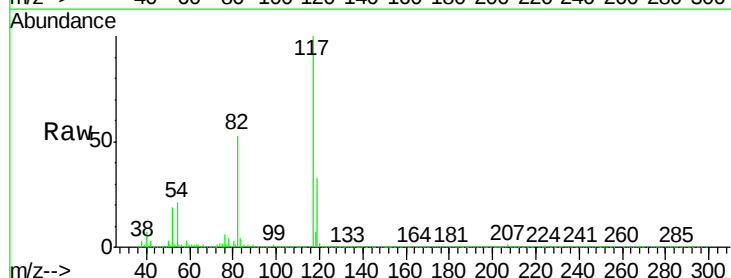
Tgt Ion: 117 Resp: 1398441

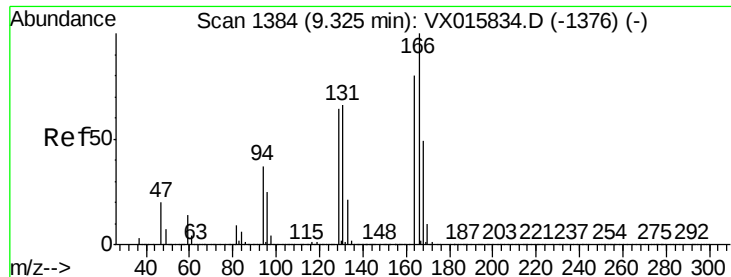
Ion Ratio Lower Upper

117 100

82 53.3 43.9 65.9

119 33.4 25.1 37.7





#64

Tetrachloroethene

Concen: 1.693 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.01 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

SS037MW162-200420

Tot Ion:164 Resp: 31907

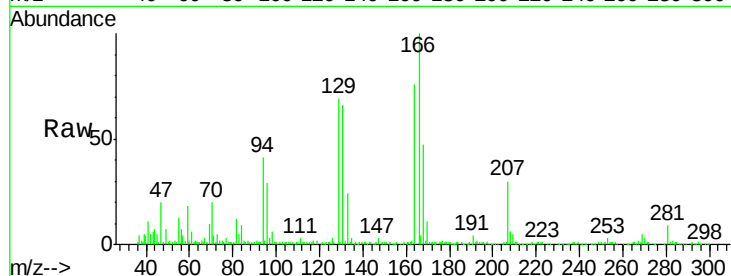
Ion Ratio Lower Upper

164 100

166 132.5 100.2 150.2

129 91.5 64.5 96.7

131 86.2 65.9 98.9

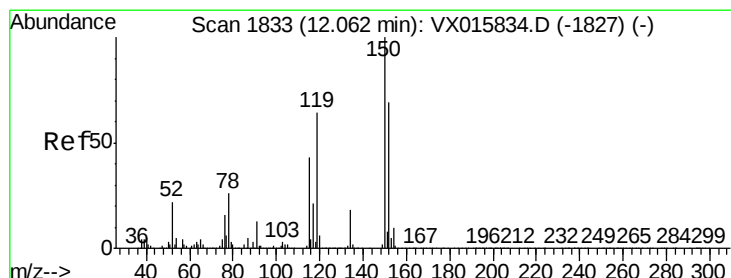
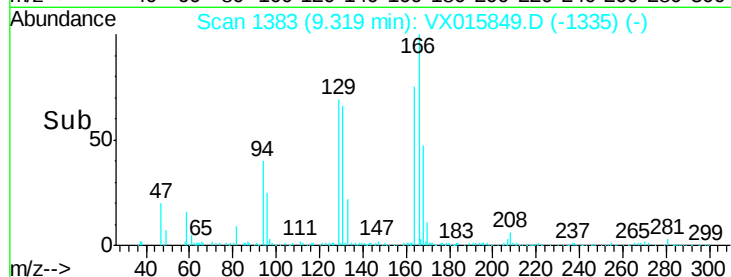
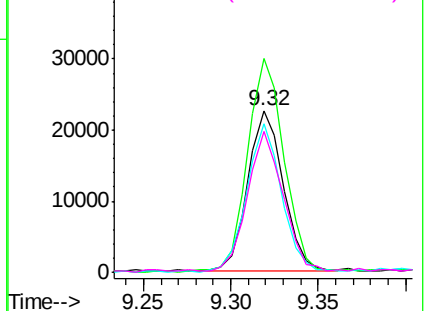


Abundance Ion 163.80 (163.50 to 164.50): V

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# 1833

Delta R.T. 0.00 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

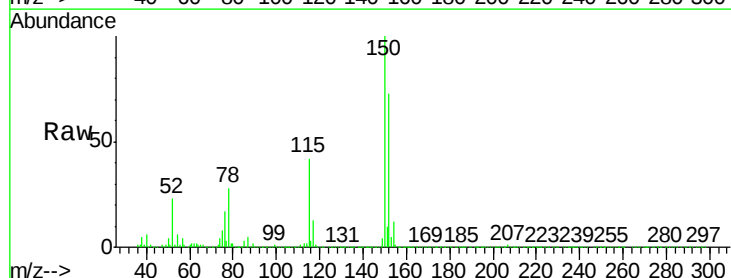
Tgt Ion:152 Resp: 750947

Ion Ratio Lower Upper

152 100

115 57.9 39.0 116.9

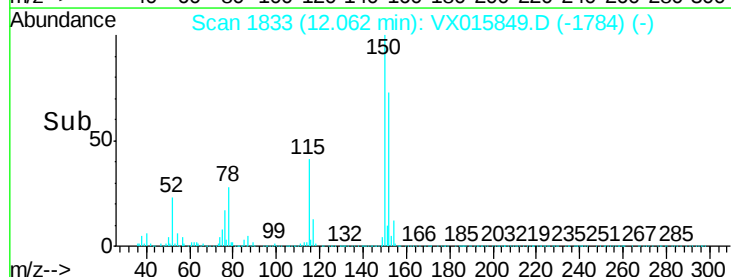
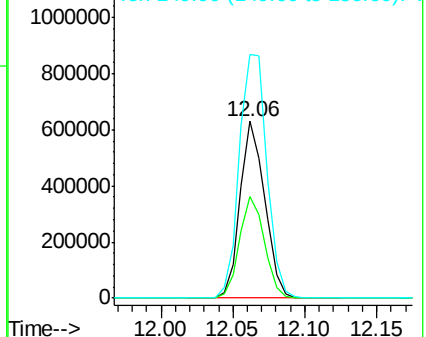
150 153.3 0.0 336.8

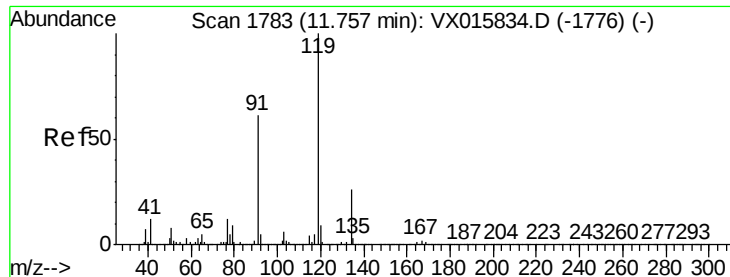


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#83

tert-Butylbenzene

Concen: 0.972 ug/l

RT: 11.75 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VX015849.D

Acq: 22 Apr 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

SS037MW162-200420

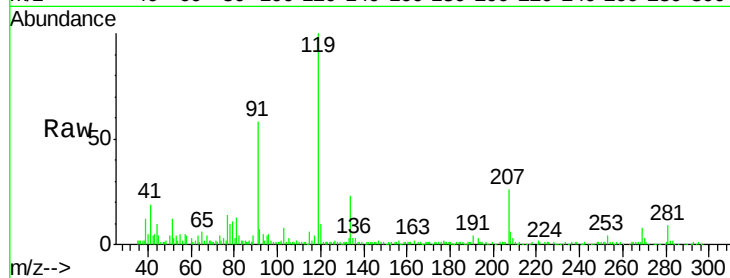
Tot Ion:119 Resp: 35072

Ion Ratio Lower Upper

119 100

91 62.0 30.9 92.7

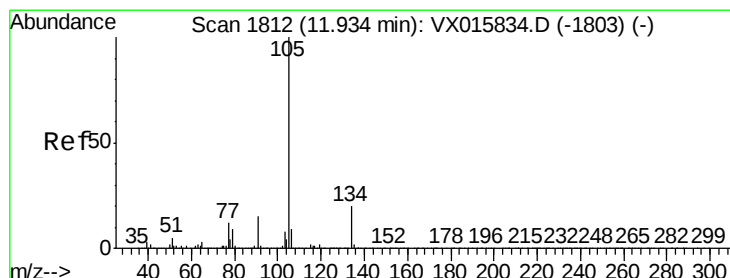
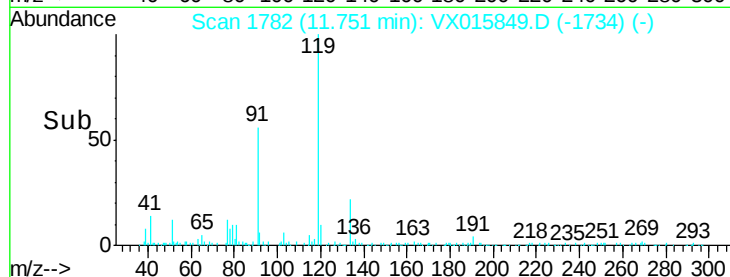
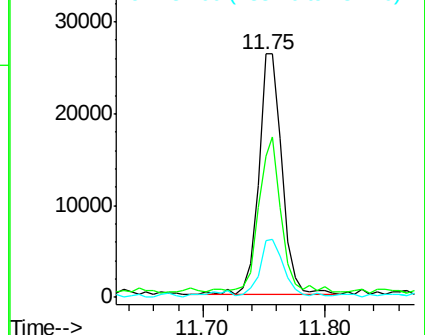
134 25.1 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: 0.401 ug/l

RT: 11.93 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VX015849.D

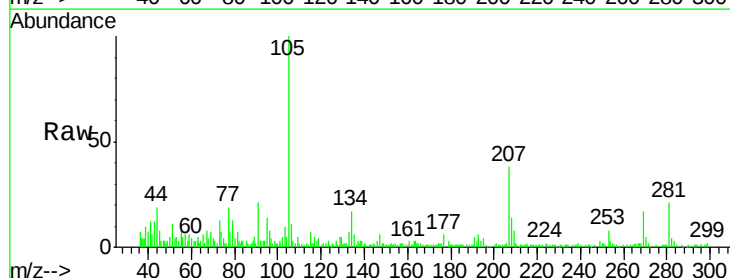
Acq: 22 Apr 2020 18:09

Tgt Ion:105 Resp: 19062

Ion Ratio Lower Upper

105 100

134 64.5 10.3 30.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

