

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030920\
 Data File : VX015143.D
 Acq On : 09 Mar 2020 15:21
 Operator : JC/SP
 Sample : L1842-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20200304

Quant Time: Mar 09 16:15:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	339719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	556491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	545046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278405	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	210271	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
35) Dibromofluoromethane	5.49	113	176378	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
50) Toluene-d8	8.71	98	680562	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	247700	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	

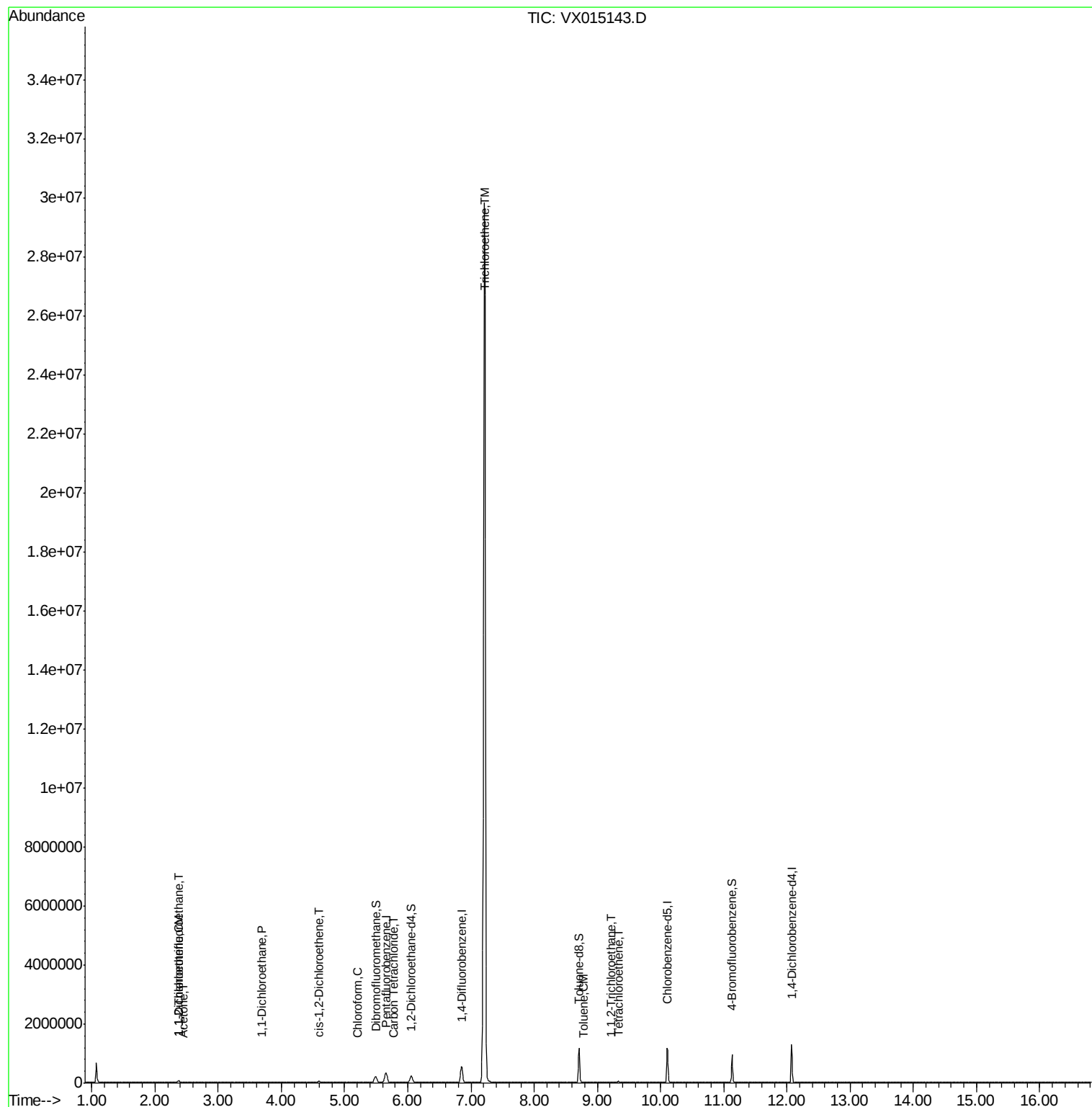
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	15543	4.859	ug/l	96
12) 1,1-Dichloroethene	2.37	96	17209	5.213	ug/l	97
16) Acetone	2.44	43	6529	4.000	ug/l	98
24) 1,1-Dichloroethane	3.69	63	23945	3.762	ug/l #	94
27) cis-1,2-Dichloroethene	4.59	96	21880	5.533	ug/l	87
30) Chloroform	5.20	83	16144	2.602	ug/l	98
38) Carbon Tetrachloride	5.78	117	6660	1.371	ug/l #	93
44) Trichloroethene	7.22	130	11481190	2701.023	ug/l	94
52) Toluene	8.78	92	2426	0.260	ug/l	83
55) 1,1,2-Trichloroethane	9.21	97	5128	1.335	ug/l #	89
64) Tetrachloroethene	9.33	164	10156	2.254	ug/l	95

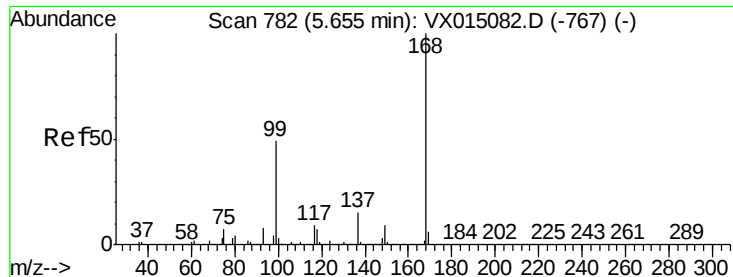
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030920\
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RE108D2-20200304

Quant Time: Mar 09 16:15:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015143.D

Acq: 09 Mar 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

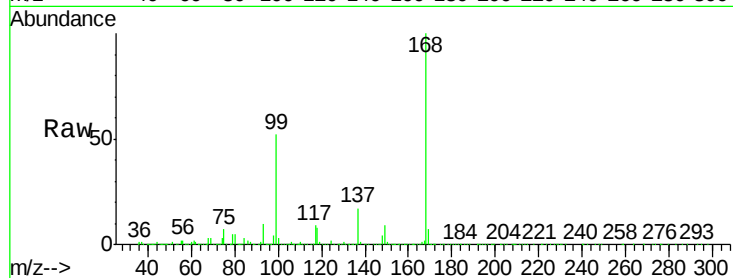
RE108D2-20200304

Tot Ion:168 Resp: 339719

Ion Ratio Lower Upper

168 100

99 51.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

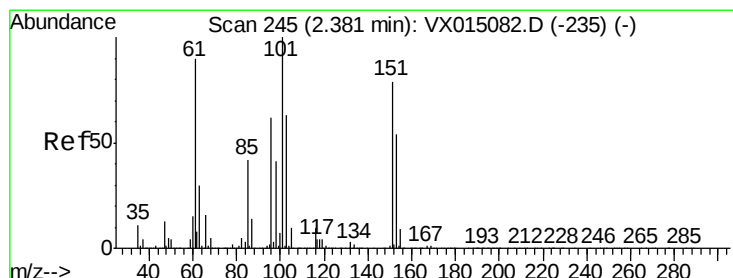
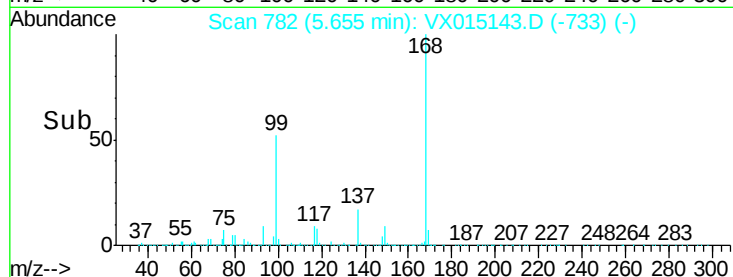
5.65

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.859 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015143.D

Acq: 09 Mar 2020 15:21

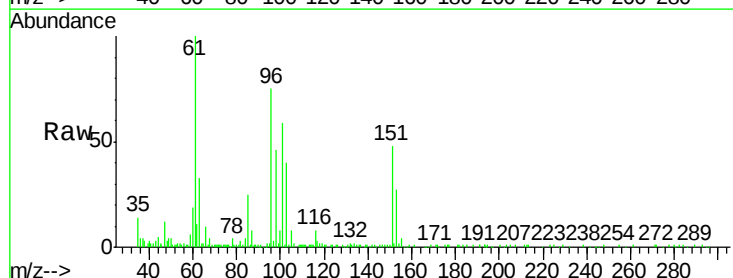
Tgt Ion:101 Resp: 15543

Ion Ratio Lower Upper

101 100

85 44.1 33.7 50.5

151 84.1 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

10000

8000

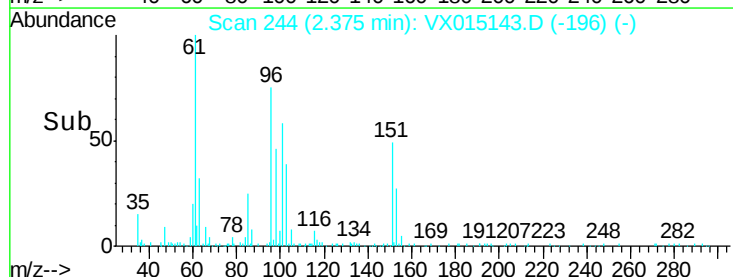
6000

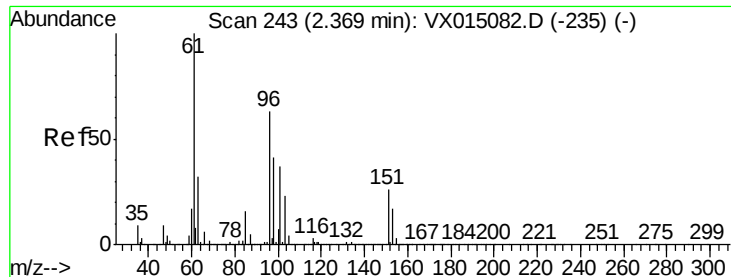
4000

2000

0

Time--> 2.30 2.40 2.50





#12

1,1-Dichloroethene

Concen: 5.213 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015143.D

Acq: 09 Mar 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20200304

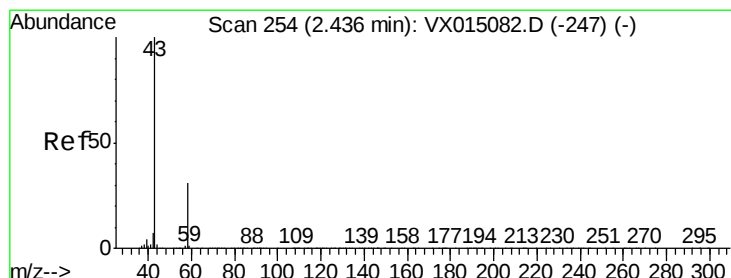
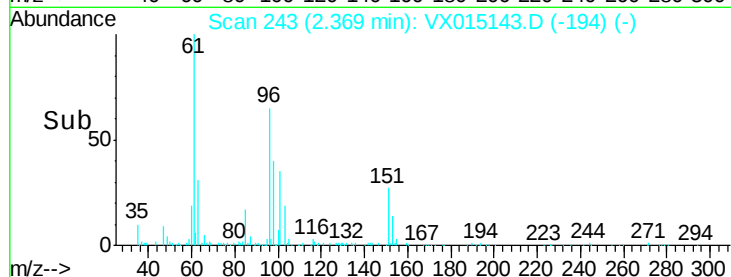
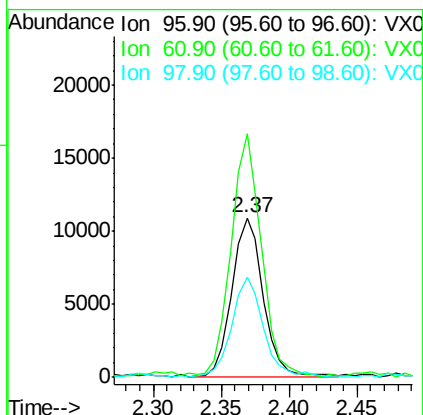
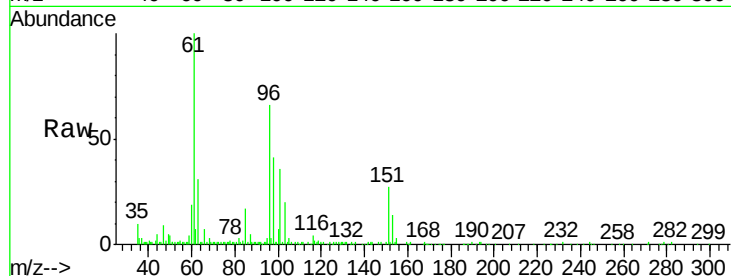
Tot Ion: 96 Resp: 17209

Ion Ratio Lower Upper

96 100

61 152.8 126.2 189.4

98 63.1 51.4 77.0



#16

Acetone

Concen: 4.000 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015143.D

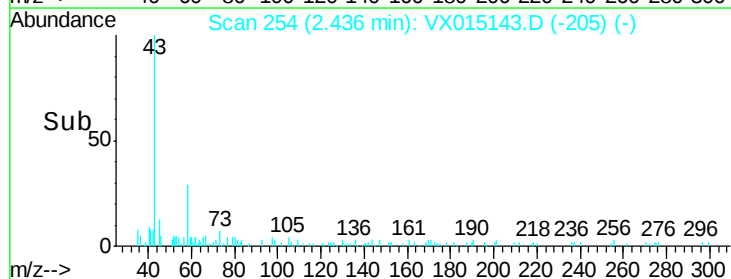
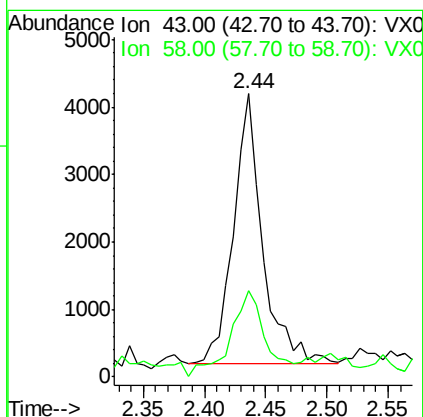
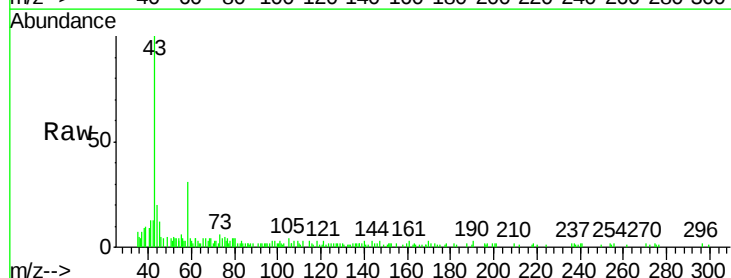
Acq: 09 Mar 2020 15:21

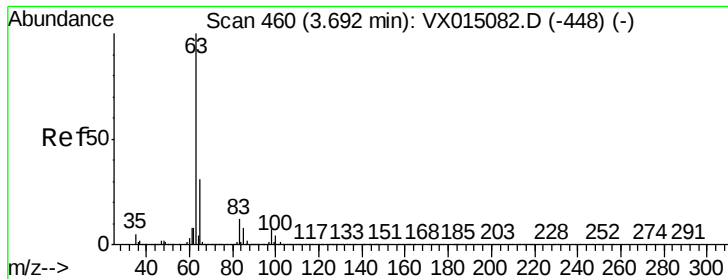
Tgt Ion: 43 Resp: 6529

Ion Ratio Lower Upper

43 100

58 32.1 24.8 37.2





#24

1,1-Dichloroethane

Concen: 3.762 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015143.D

Acq: 09 Mar 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20200304

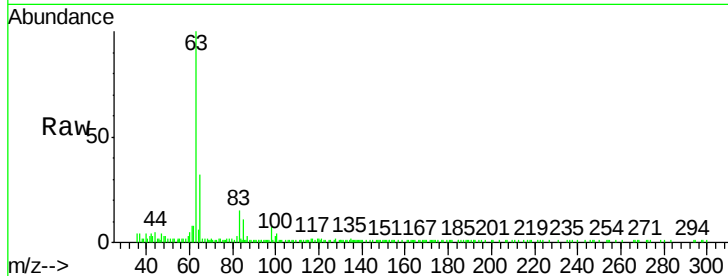
Tot Ion: 63 Resp: 23945

Ion Ratio Lower Upper

63 100

98 5.6 3.7 11.1

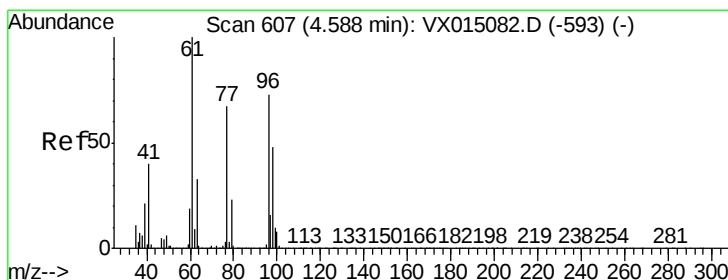
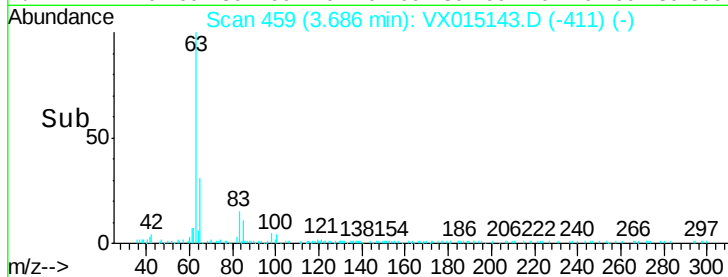
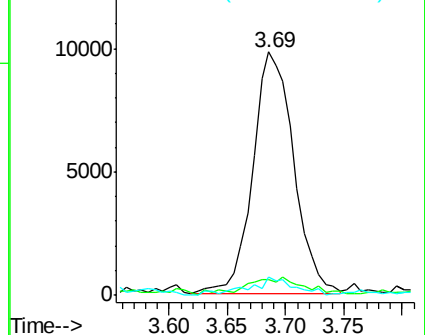
100 6.7 2.1 6.5#



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: 5.533 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015143.D

Acq: 09 Mar 2020 15:21

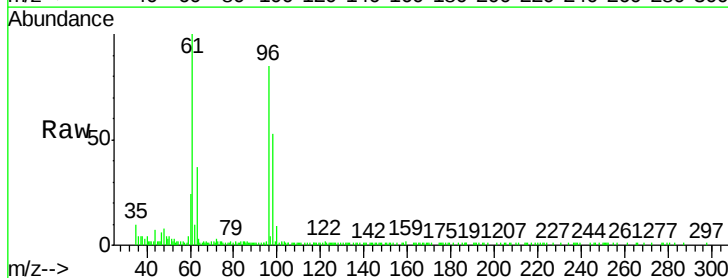
Tgt Ion: 96 Resp: 21880

Ion Ratio Lower Upper

96 100

61 122.3 0.0 286.8

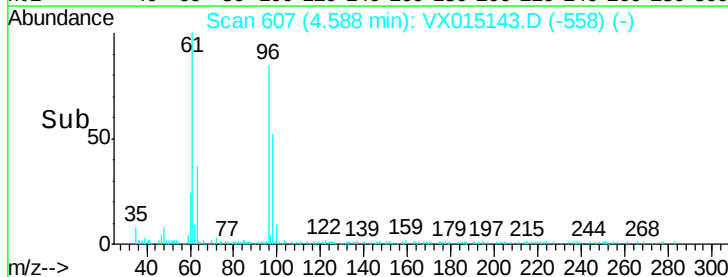
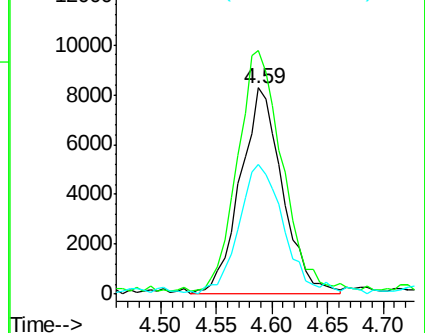
98 67.1 0.0 128.4

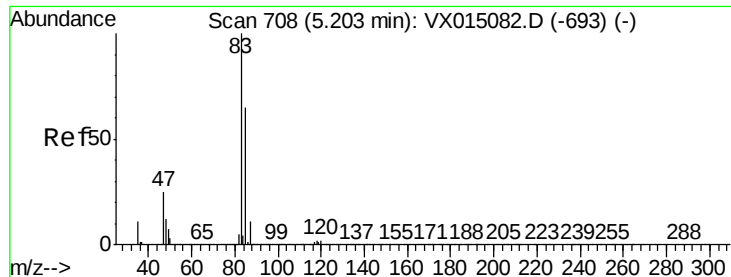


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

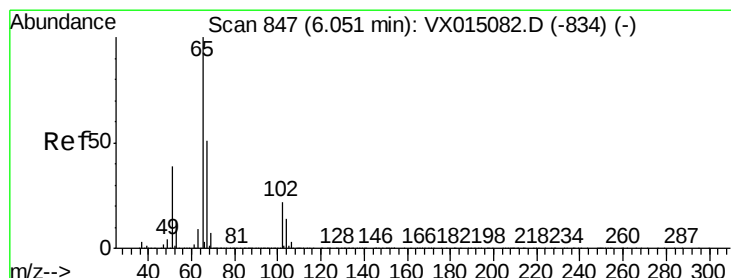
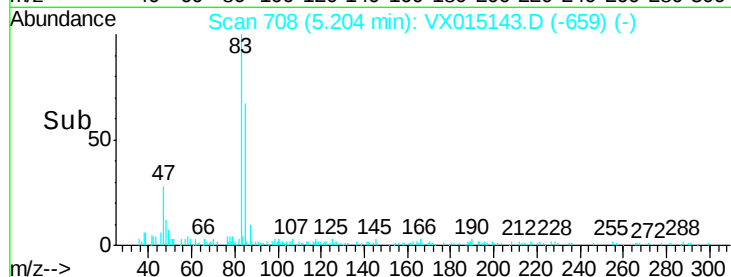
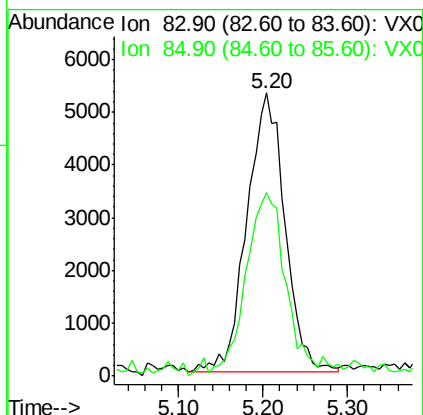
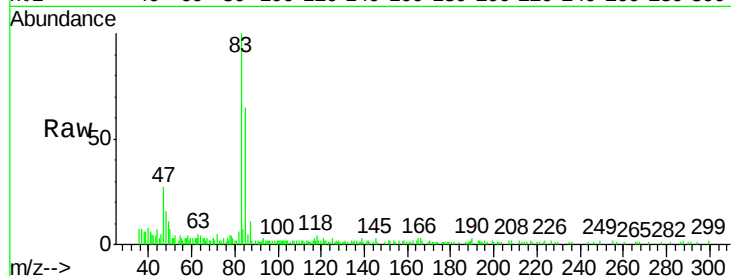




#30
Chloroform
Concen: 2.602 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015143.D
Acq: 09 Mar 2020 15:21

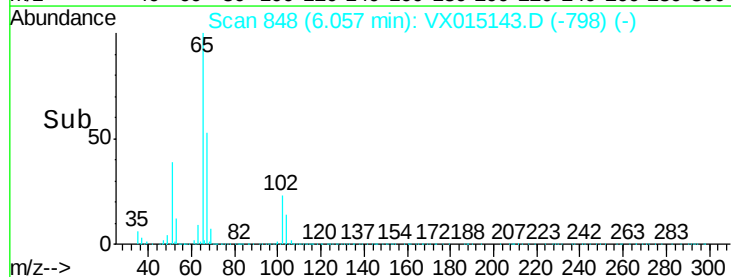
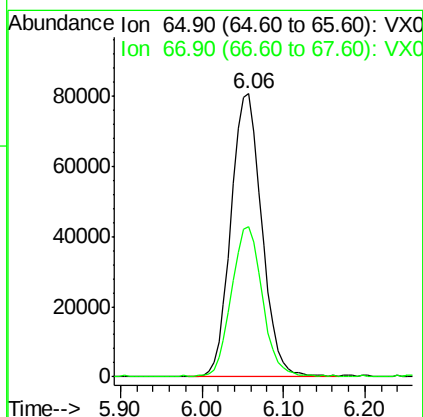
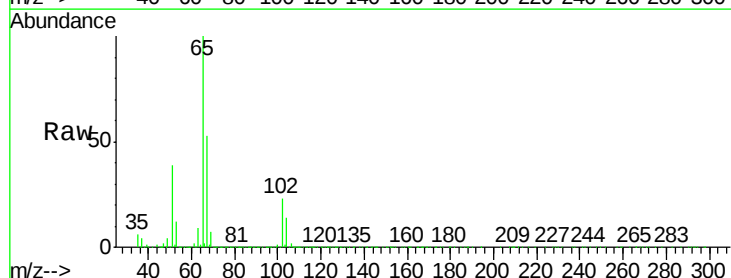
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20200304

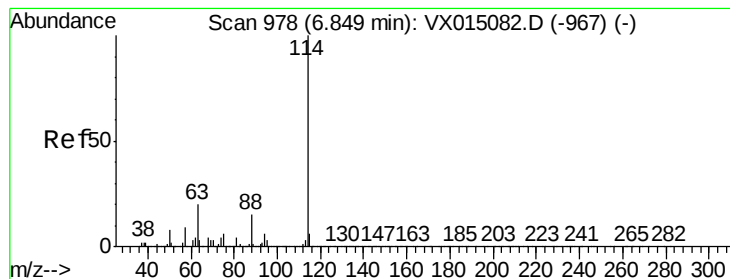
Tot Ion: 83 Resp: 16144
Ion Ratio Lower Upper
83 100
85 66.6 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 52.172 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015143.D
Acq: 09 Mar 2020 15:21

Tgt Ion: 65 Resp: 210271
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015143.D

Acq: 09 Mar 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20200304

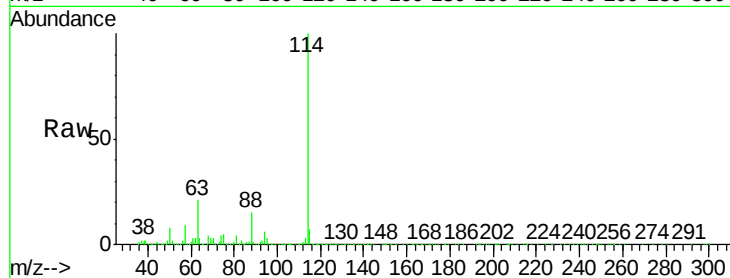
Tot Ion:114 Resp: 556491

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

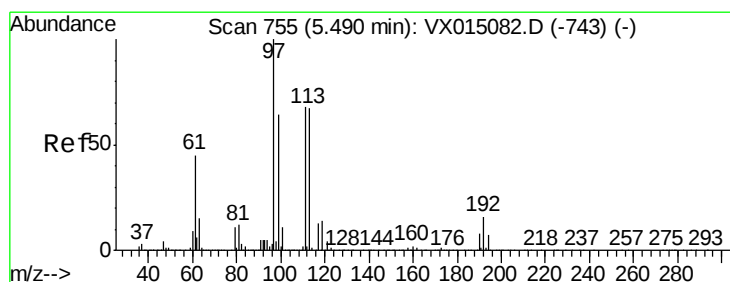
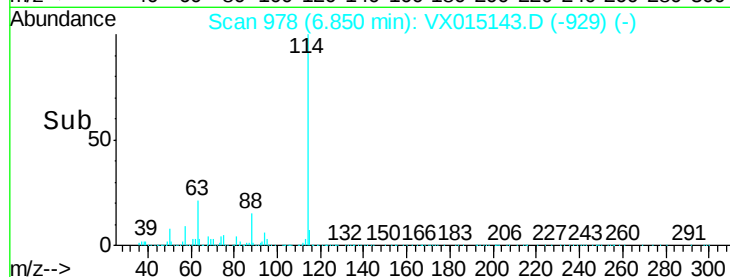
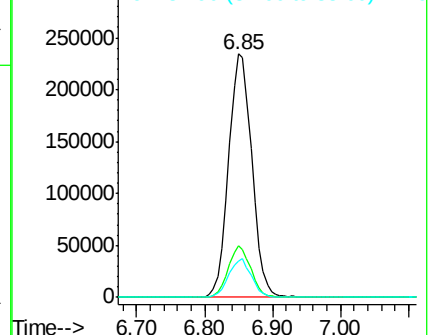
88 14.9 0.0 30.6



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: 50.240 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015143.D

Acq: 09 Mar 2020 15:21

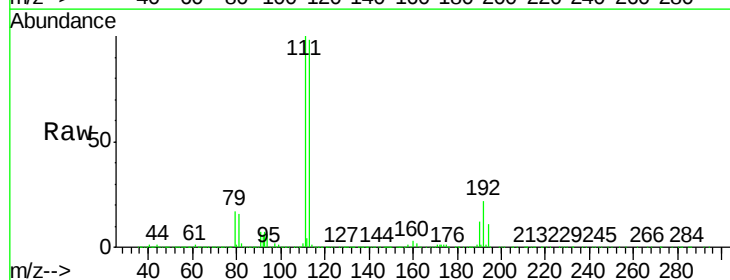
Tgt Ion:113 Resp: 176378

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

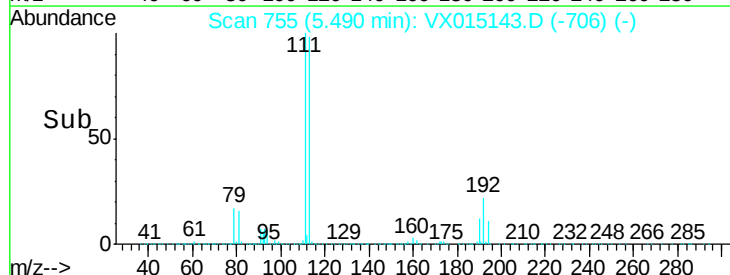
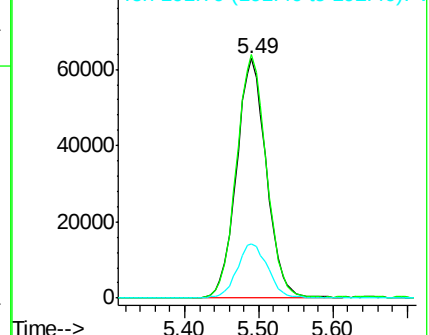
192 23.2 18.6 28.0

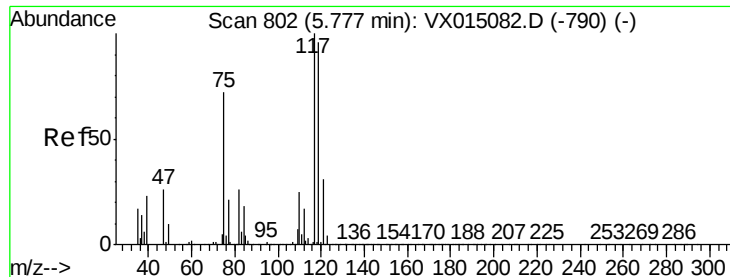


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

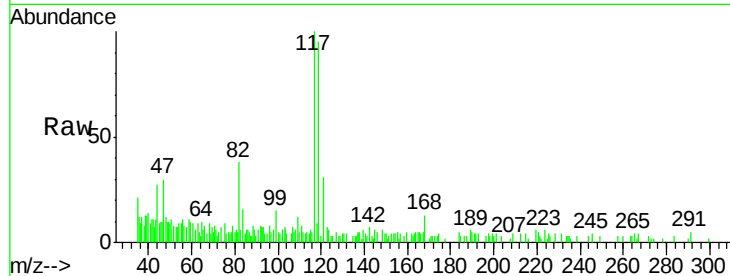




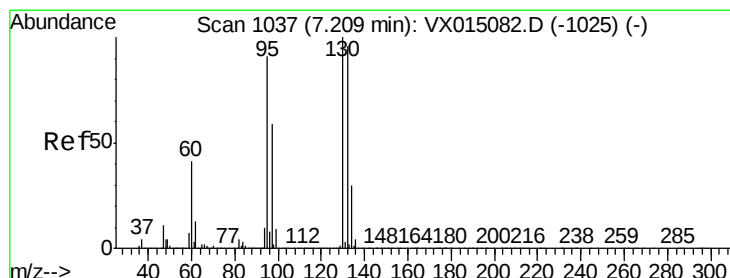
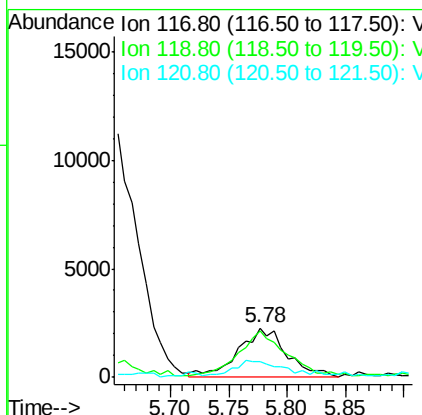
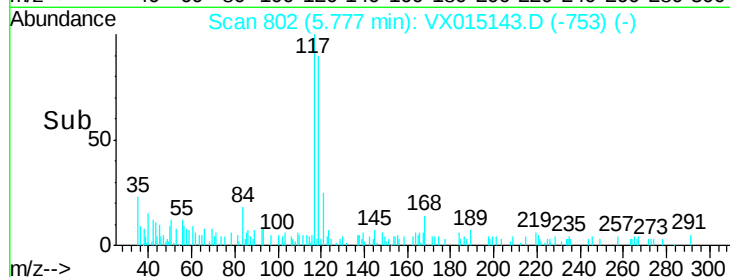
#38
Carbon Tetrachloride
Concen: 1.371 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015143.D
Acq: 09 Mar 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20200304

Tot Ion:117 Resp: 6660
Ion Ratio Lower Upper
117 100
119 91.5 76.9 115.3
121 23.8 24.6 37.0#

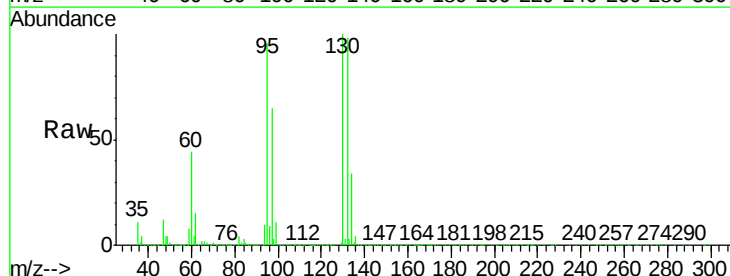


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

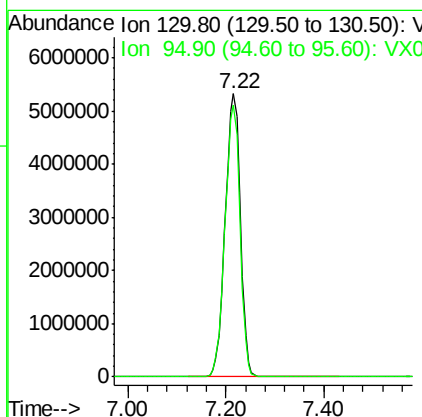
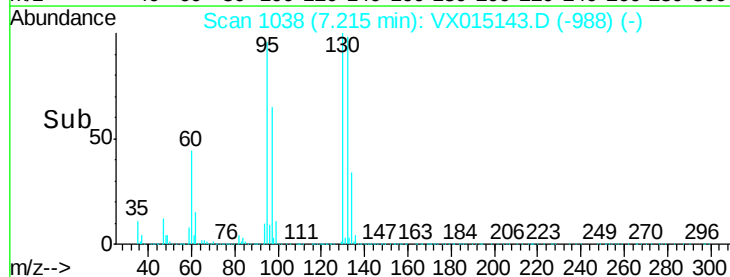


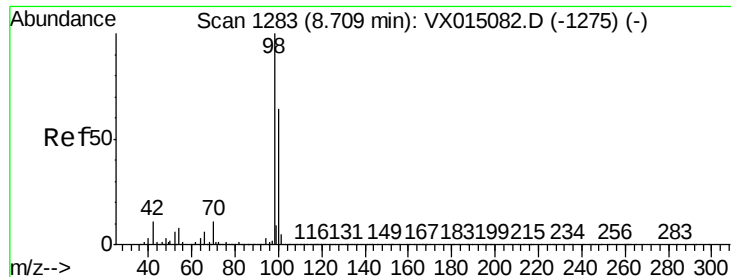
#44
Trichloroethene
Concen: 2701.023 ug/l
RT: 7.22 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VX015143.D
Acq: 09 Mar 2020 15:21

Tgt Ion:130 Resp:11481190
Ion Ratio Lower Upper
130 100
95 96.1 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.962 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015143.D

Acq: 09 Mar 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

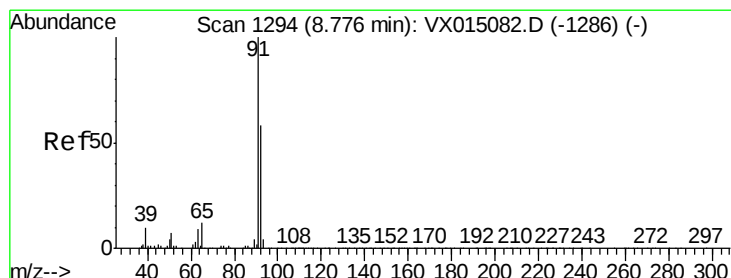
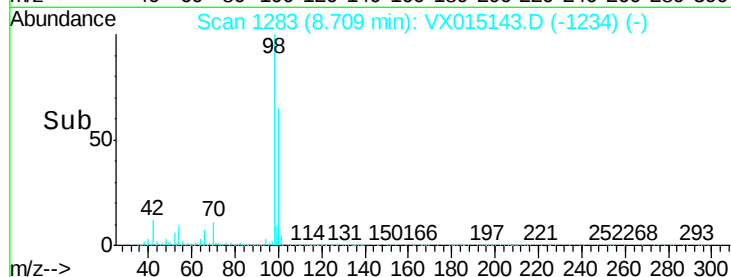
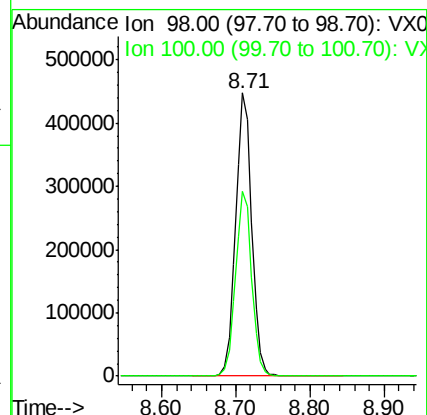
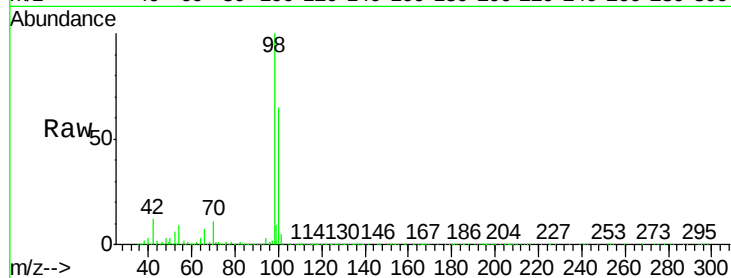
RE108D2-20200304

Tot Ion: 98 Resp: 680562

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#52

Toluene

Concen: 0.260 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015143.D

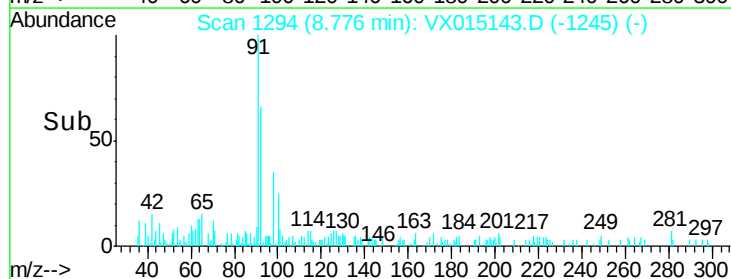
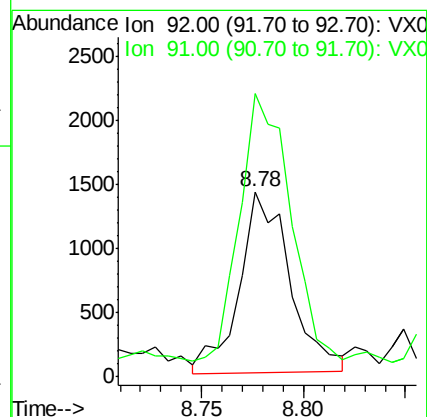
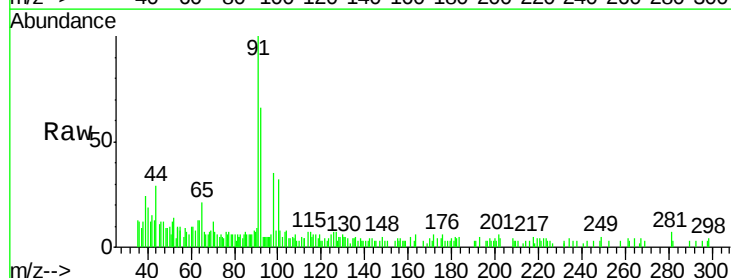
Acq: 09 Mar 2020 15:21

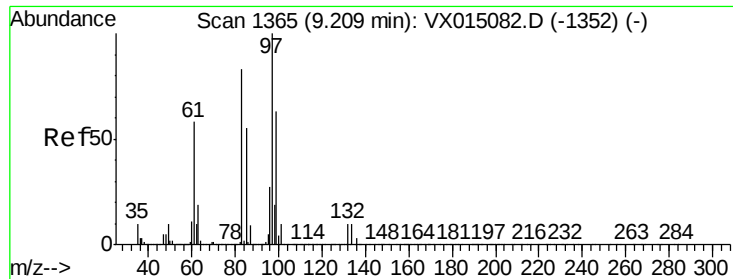
Tgt Ion: 92 Resp: 2426

Ion Ratio Lower Upper

92 100

91 147.4 136.9 205.3





#55

1,1,2-Trichloroethane

Concen: 1.335 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015143.D

Acq: 09 Mar 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20200304

Tot Ion: 97 Resp: 5128

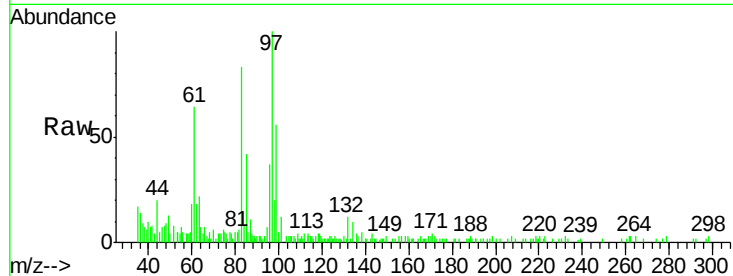
Ion Ratio Lower Upper

97 100

83 79.1 66.4 99.6

85 39.7 43.5 65.3#

99 54.3 50.7 76.1

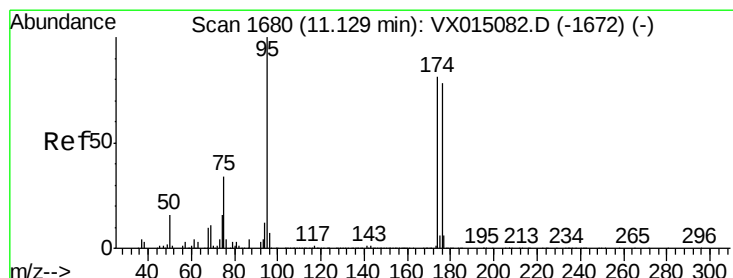
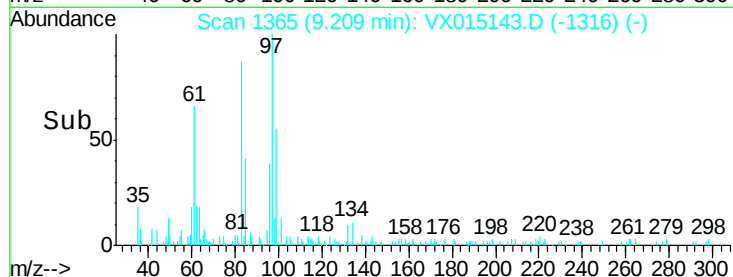
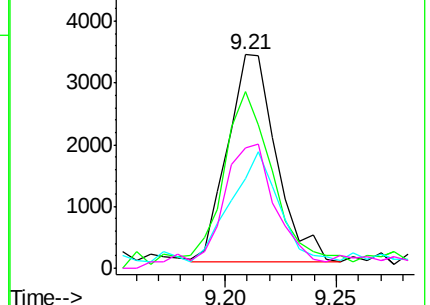


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 52.001 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015143.D

Acq: 09 Mar 2020 15:21

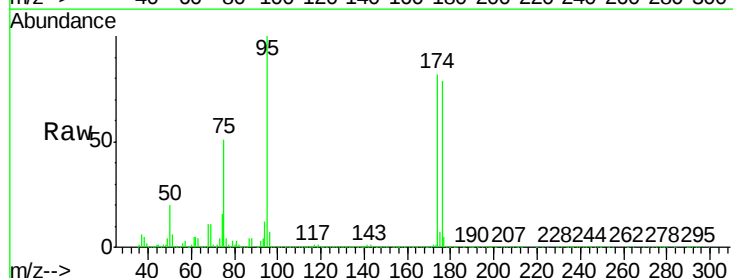
Tgt Ion: 95 Resp: 247700

Ion Ratio Lower Upper

95 100

174 90.2 0.0 177.6

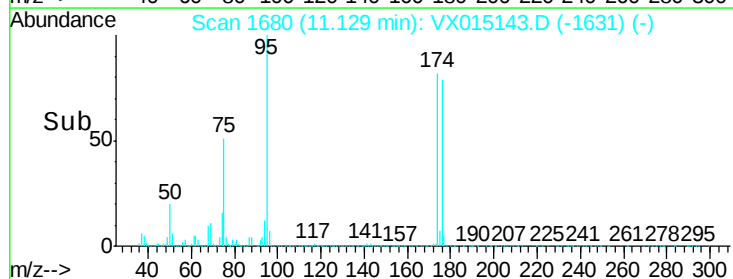
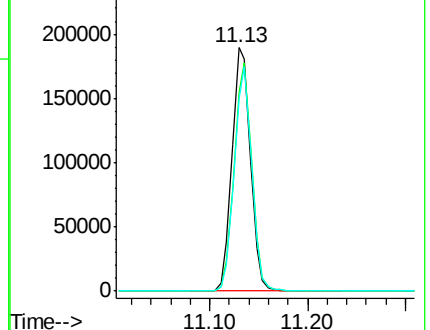
176 87.7 0.0 170.2

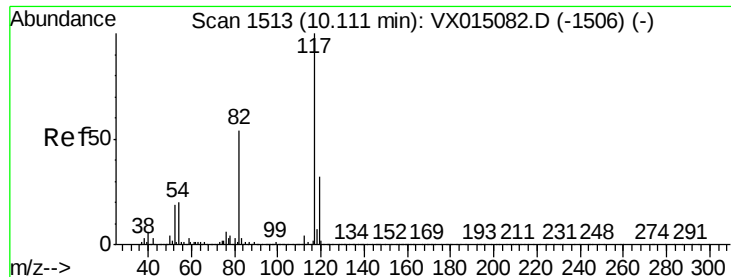


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

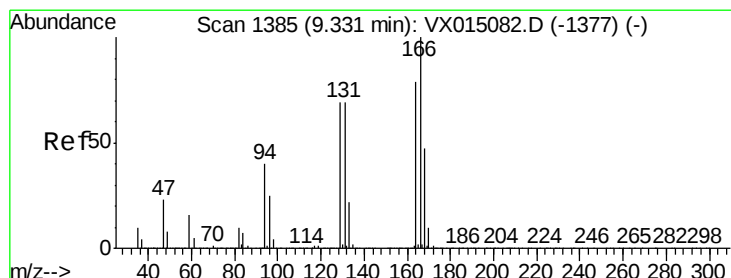
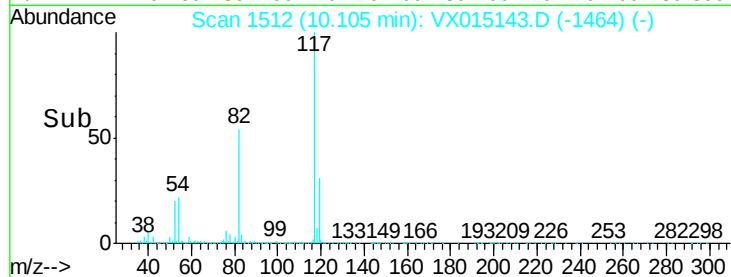
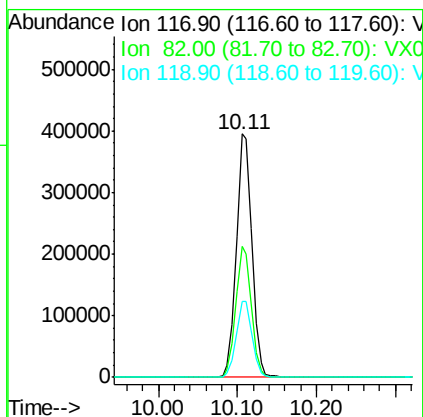
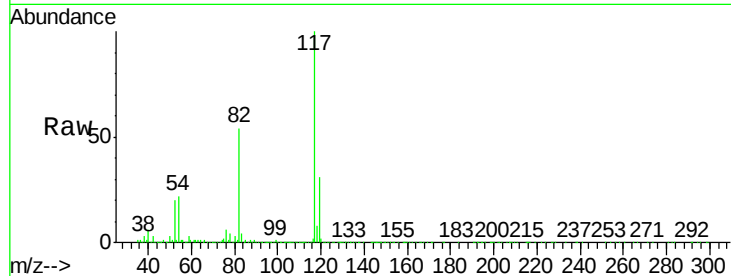




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015143.D
Acq: 09 Mar 2020 15:21

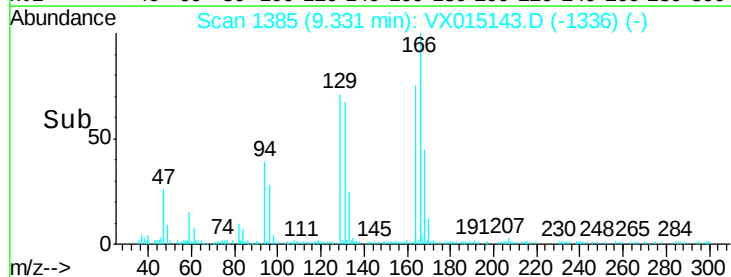
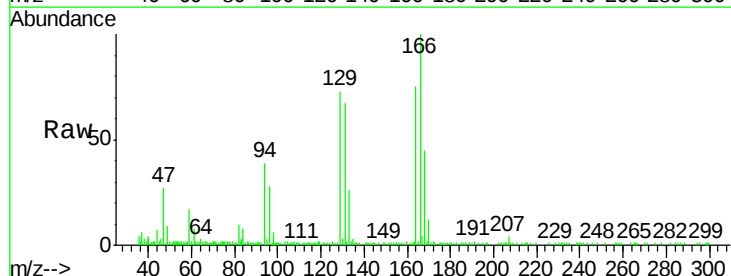
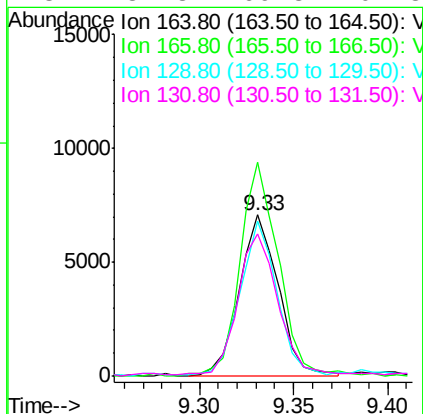
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20200304

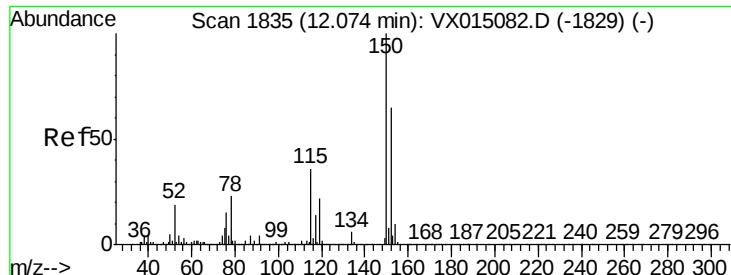
Tot Ion:117 Resp: 545046
Ion Ratio Lower Upper
117 100
82 53.6 43.3 64.9
119 31.4 25.8 38.8



#64
Tetrachloroethene
Concen: 2.254 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015143.D
Acq: 09 Mar 2020 15:21

Tgt Ion:164 Resp: 10156
Ion Ratio Lower Upper
164 100
166 131.0 101.1 151.7
129 95.7 69.4 104.0
131 87.3 69.8 104.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015143.D

Acq: 09 Mar 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20200304

Tot Ion:152 Resp: 278405

Ion Ratio Lower Upper

152 100

115 54.8 38.2 114.6

150 157.2 0.0 343.8

