

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
 Data File : VX015844.D
 Acq On : 22 Apr 2020 16:16
 Operator : JC/SP
 Sample : L2387-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20200421

Quant Time: Apr 23 04:52:03 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	5.64	168	938373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1402479	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1401684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	775328	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	520158	48.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.48%	
35) Dibromofluoromethane	5.47	113	409097	50.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.06%	
50) Toluene-d8	8.70	98	1718890	52.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.12	95	724406	54.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.38%	

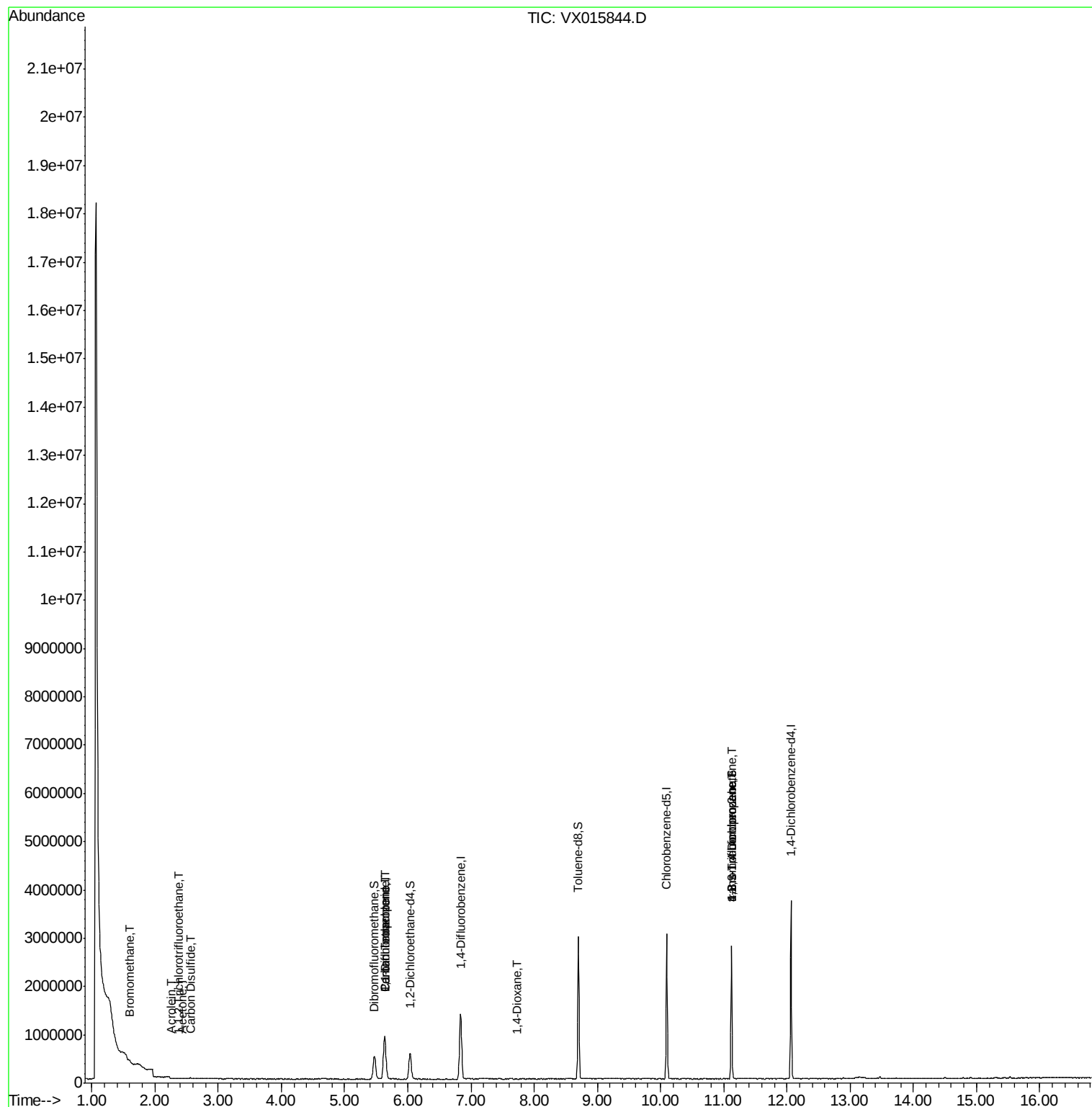
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.61	94	883	0.276	ug/l #	40
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2151	0.268	ug/l #	32
13) Acrolein	2.26	56	276	0.214	ug/l #	15
16) Acetone	2.43	43	4804	1.034	ug/l #	84
17) Carbon Disulfide	2.56	76	24100	0.807	ug/l #	88
36) 1,1-Dichloropropene	5.63	75	59798	4.810	ug/l #	51
38) Carbon Tetrachloride	5.64	117	82095	6.703	ug/l #	16
49) 1,4-Dioxane	7.72	88	209	0.901	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	345857	23.458	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	345857	56.430	ug/l #	12

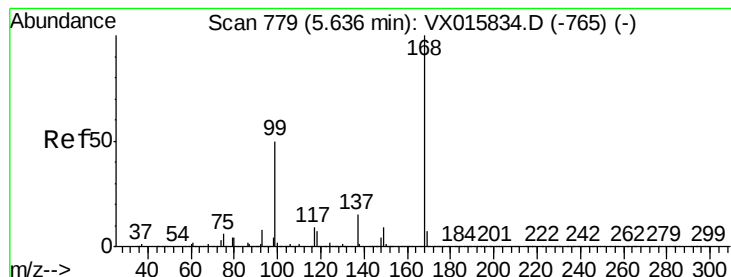
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
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Quant Time: Apr 23 04:52:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
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: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015844.D

Acq: 22 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

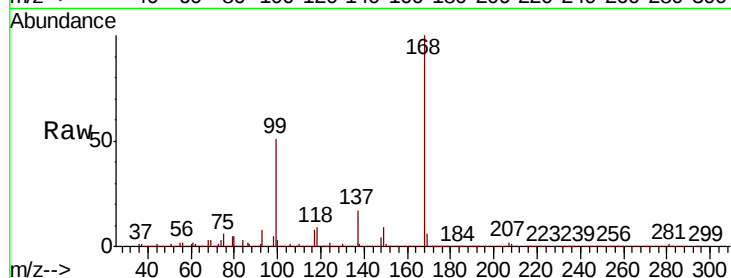
TT-TB-20200421

Tot Ion:168 Resp: 938373

Ion Ratio Lower Upper

168 100

99 51.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

300000

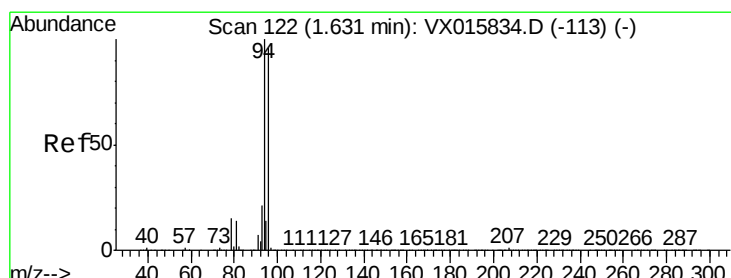
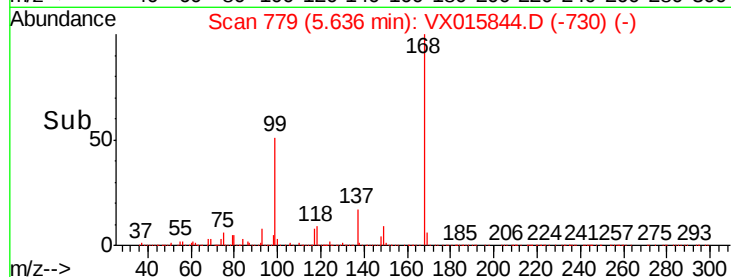
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.276 ug/l

RT: 1.61 min Scan# 118

Delta R.T. -0.02 min

Lab File: VX015844.D

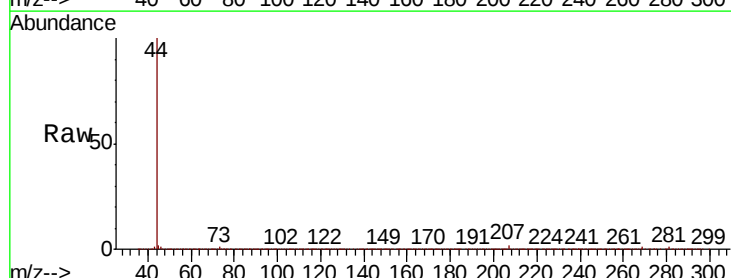
Acq: 22 Apr 2020 16:16

Tgt Ion: 94 Resp: 883

Ion Ratio Lower Upper

94 100

96 37.2 76.7 115.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

2000

1500

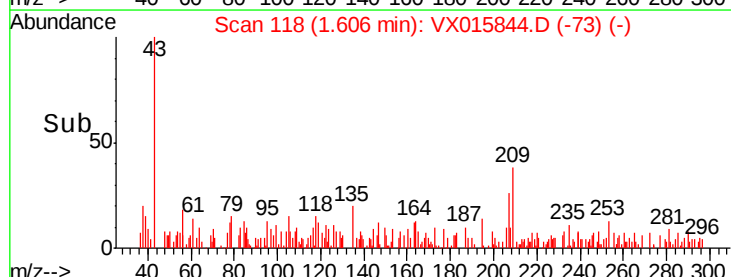
1000

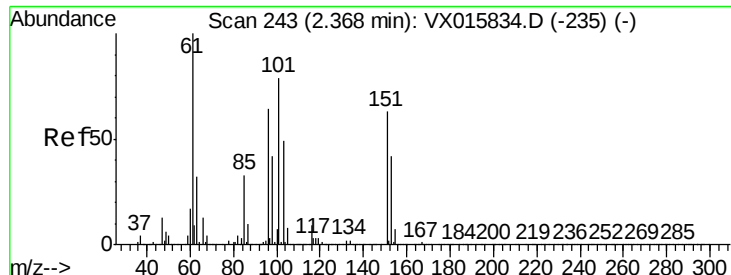
500

0

Time-->

1.55 1.60 1.65





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.268 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015844.D

Acq: 22 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200421

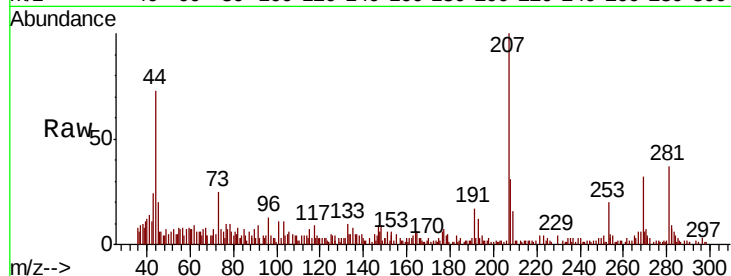
Tot Ion:101 Resp: 2151

Ion Ratio Lower Upper

101 100

85 8.8 33.8 50.6#

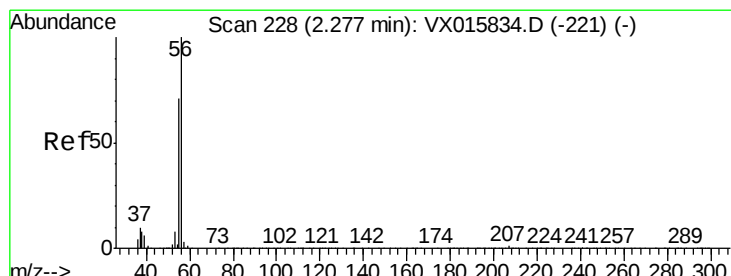
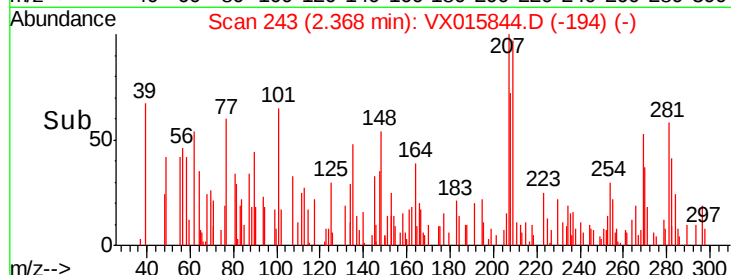
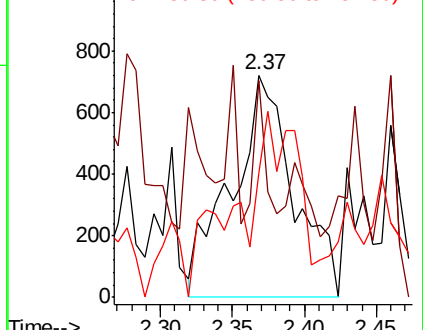
151 15.8 67.8 101.6#



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



#13

Acrolein

Concen: 0.214 ug/l

RT: 2.26 min Scan# 225

Delta R.T. -0.02 min

Lab File: VX015844.D

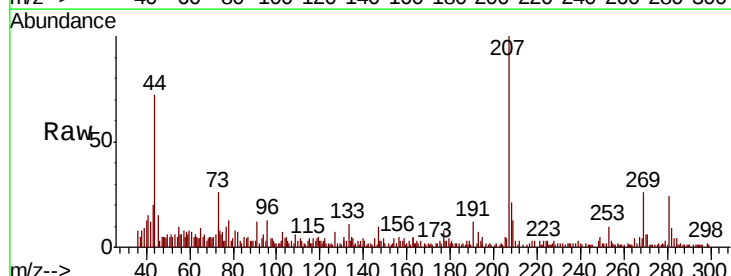
Acq: 22 Apr 2020 16:16

Tgt Ion: 56 Resp: 276

Ion Ratio Lower Upper

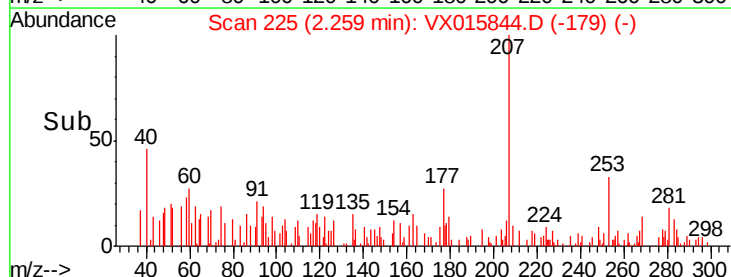
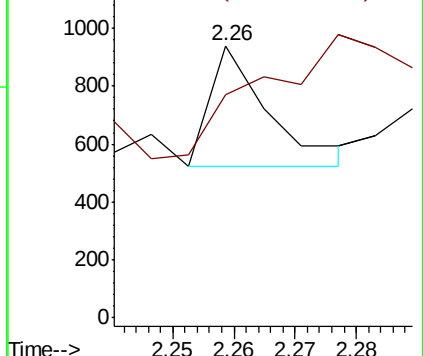
56 100

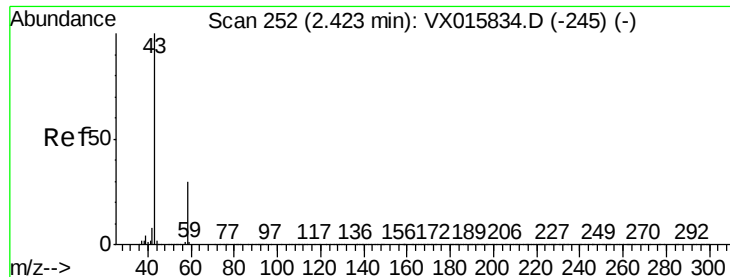
55 0.0 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

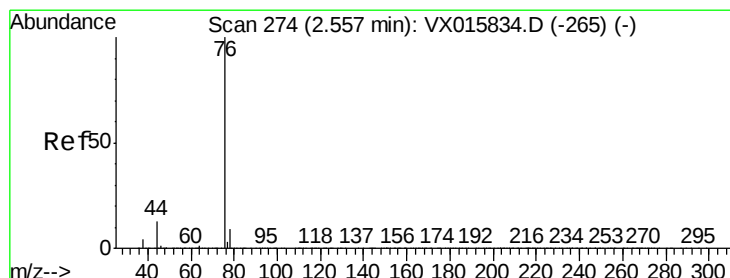
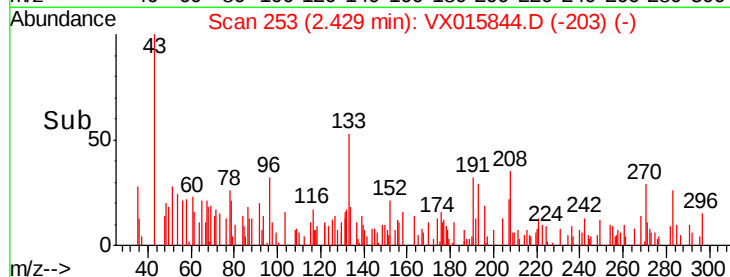
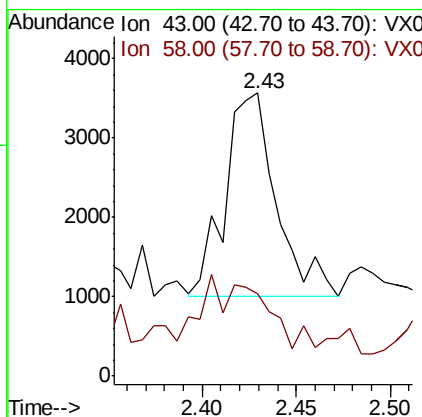
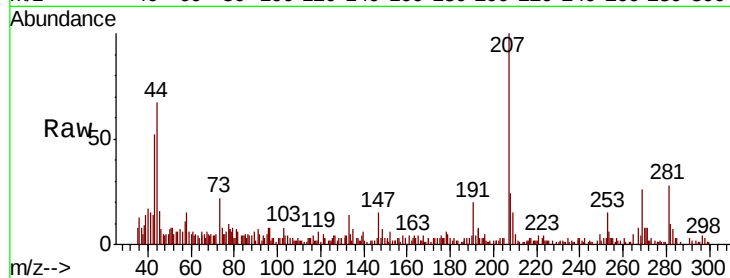




#16
Acetone
Concen: 1.034 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.01 min
Lab File: VX015844.D
Acq: 22 Apr 2020 16:16

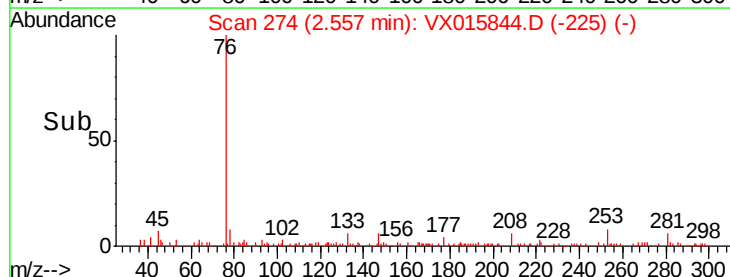
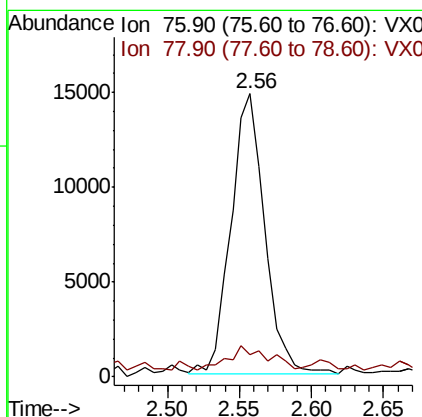
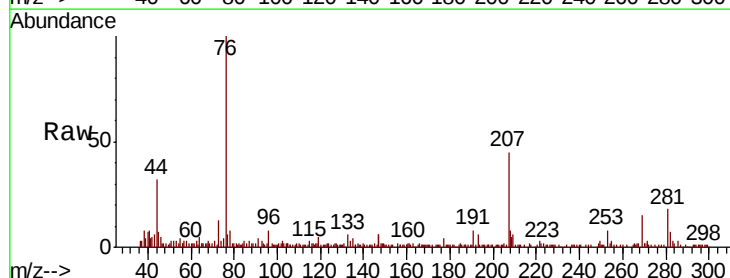
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20200421

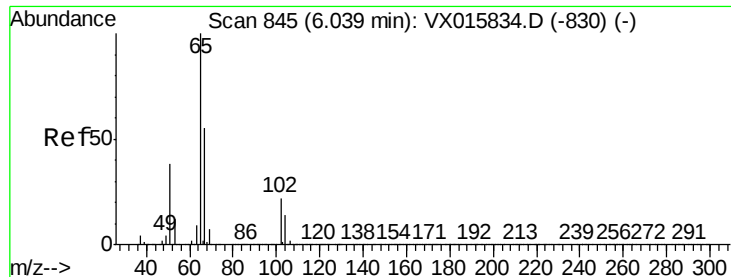
Tot Ion: 43 Resp: 4804
Ion Ratio Lower Upper
43 100
58 21.5 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.807 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX015844.D
Acq: 22 Apr 2020 16:16

Tgt Ion: 76 Resp: 24100
Ion Ratio Lower Upper
76 100
78 4.8 7.4 11.2#





#33

1,2-Dichloroethane-d4

Concen: 48.737 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015844.D

Acq: 22 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

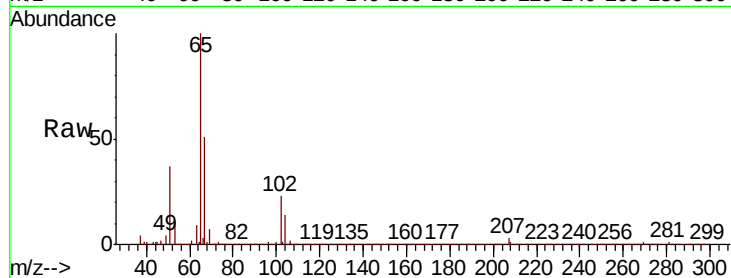
TT-TB-20200421

Tot Ion: 65 Resp: 520158

Ion Ratio Lower Upper

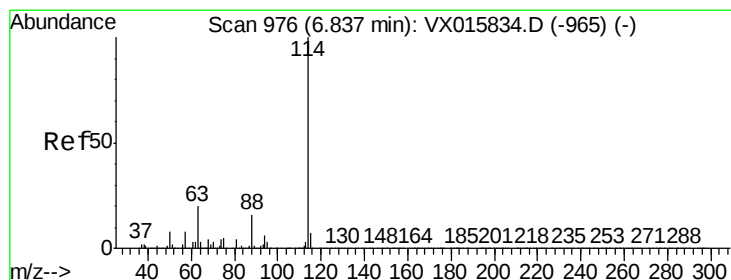
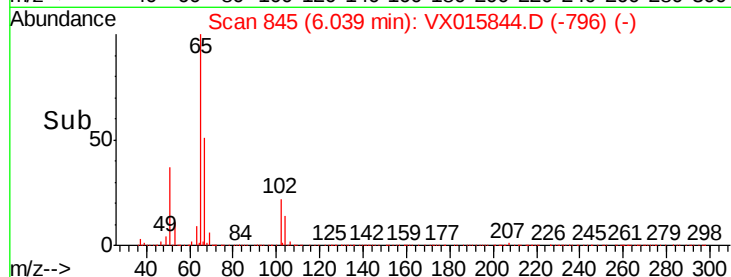
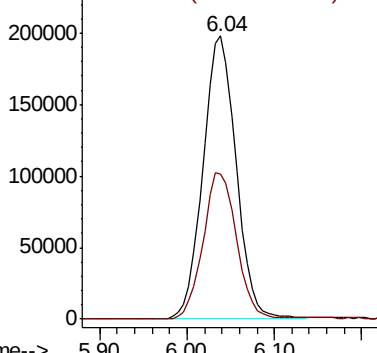
65 100

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: VX015844.D

Acq: 22 Apr 2020 16:16

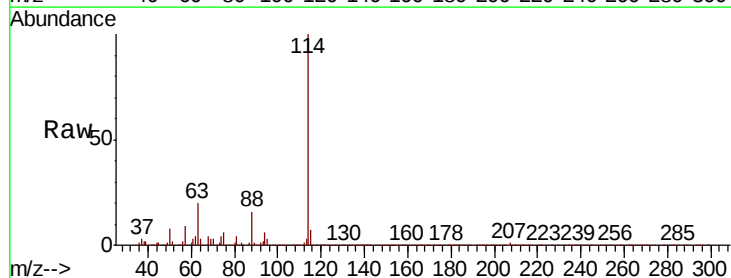
Tgt Ion: 114 Resp: 1402479

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

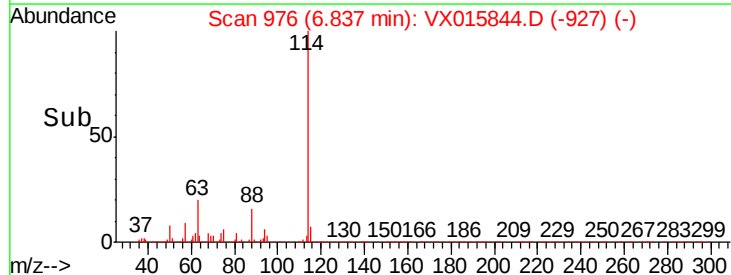
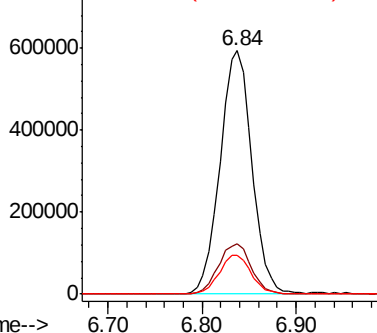
88 16.1 0.0 32.8

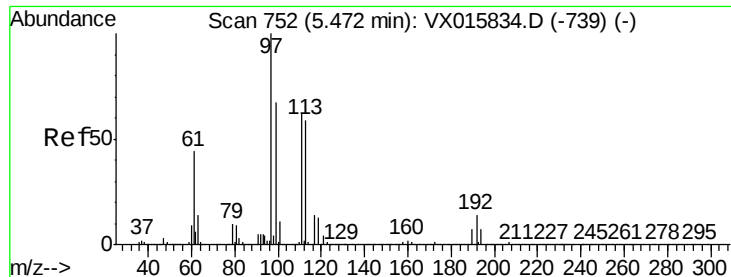


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

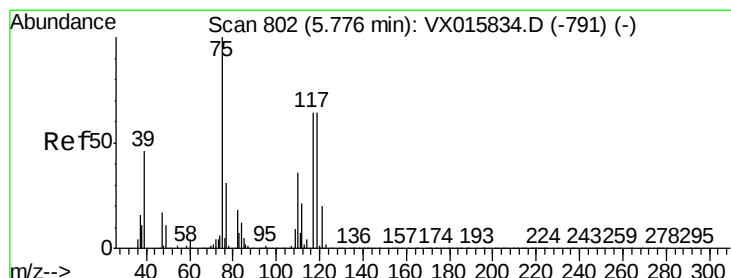
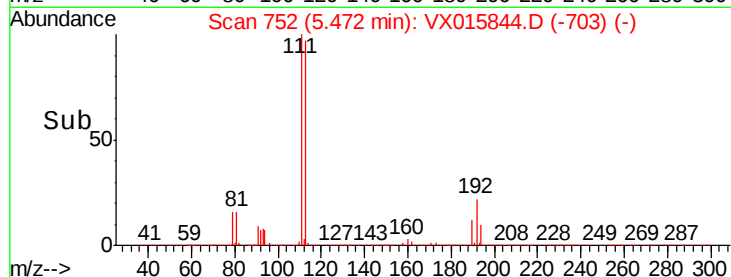
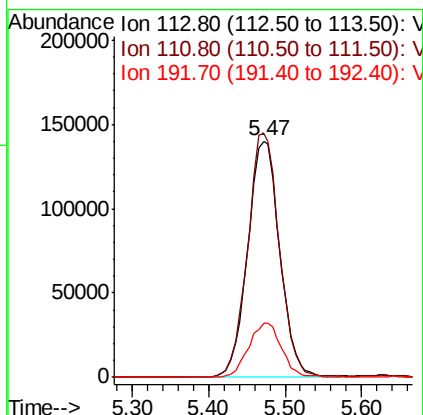
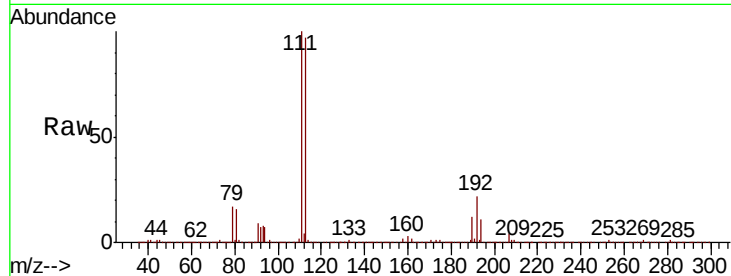




#35
 Dibromofluoromethane
 Concen: 50.534 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015844.D
 Acq: 22 Apr 2020 16:16

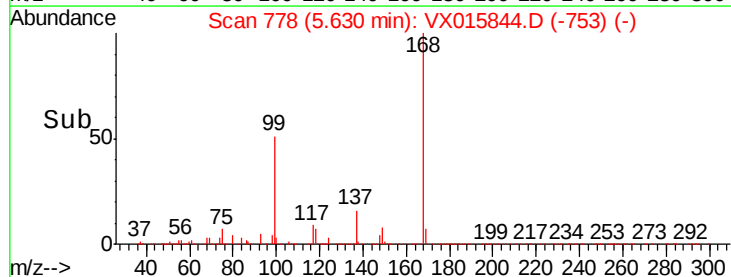
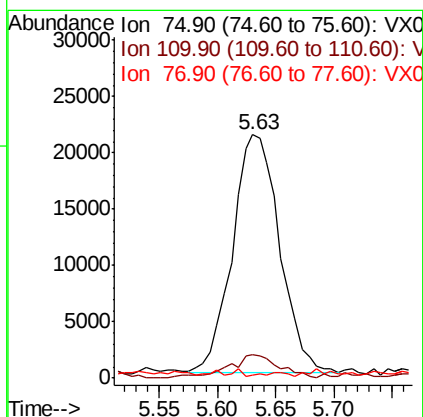
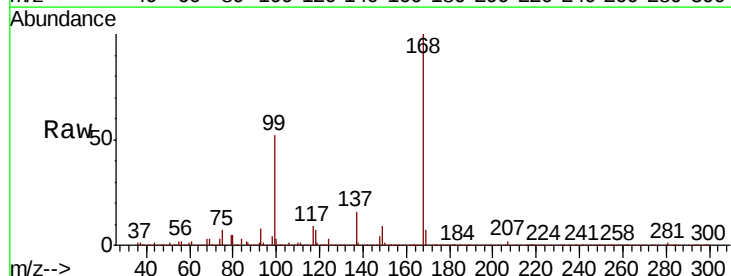
Instrument :
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 TT-TB-20200421

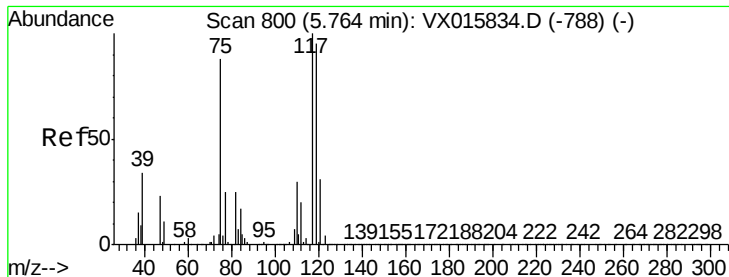
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.7	124.1
192	23.3	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.810 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.15 min
 Lab File: VX015844.D
 Acq: 22 Apr 2020 16:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.9	53.8#
77	0.4	24.5	36.7#

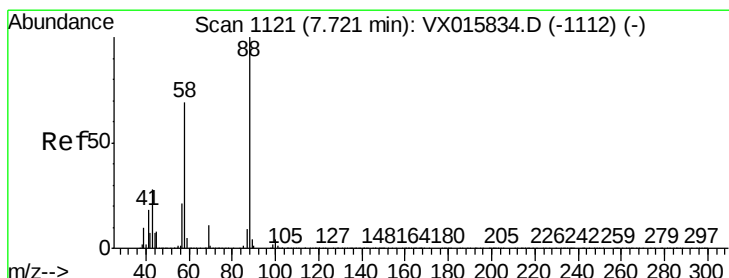
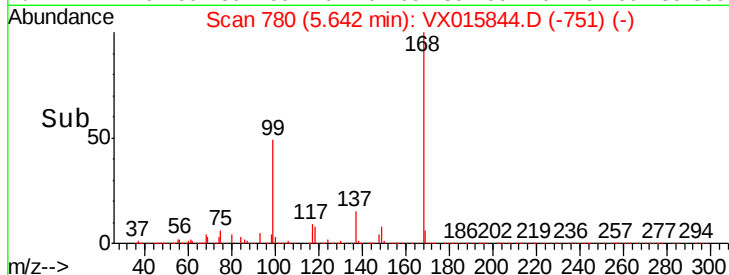
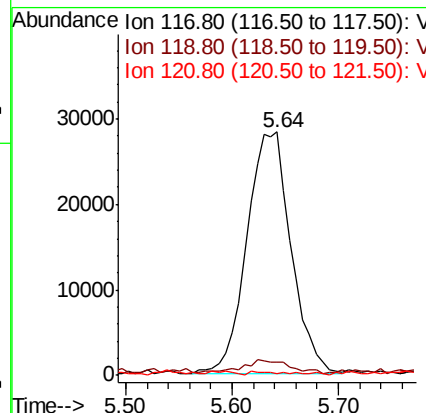
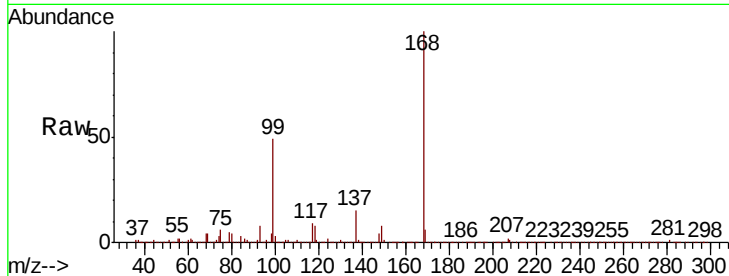




#38
Carbon Tetrachloride
Concen: 6.703 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.12 min
Lab File: VX015844.D
Acq: 22 Apr 2020 16:16

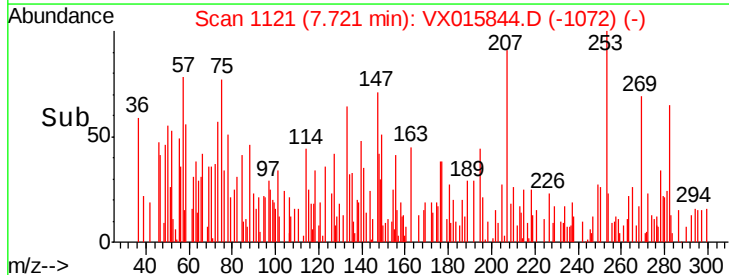
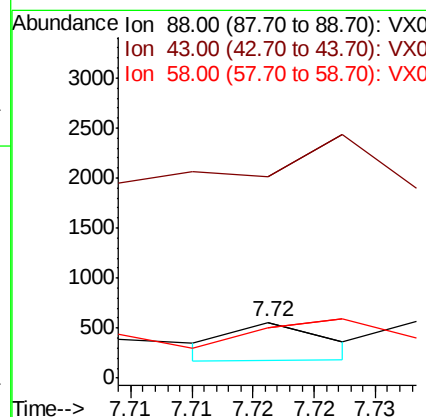
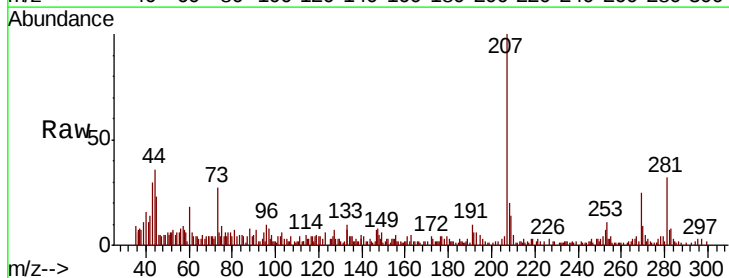
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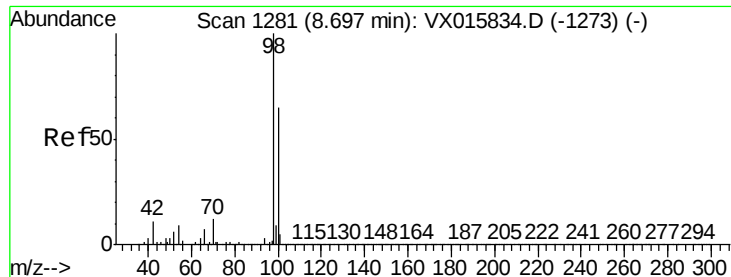
Tot Ion:117 Resp: 82095
Ion Ratio Lower Upper
117 100
119 4.2 75.7 113.5#
121 0.0 25.0 37.6#



#49
1,4-Dioxane
Concen: 0.901 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VX015844.D
Acq: 22 Apr 2020 16:16

Tgt Ion: 88 Resp: 209
Ion Ratio Lower Upper
88 100
43 658.4 28.2 42.4#
58 424.9 58.9 88.3#





#50

Toluene-d8

Concen: 52.744 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015844.D

Acq: 22 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

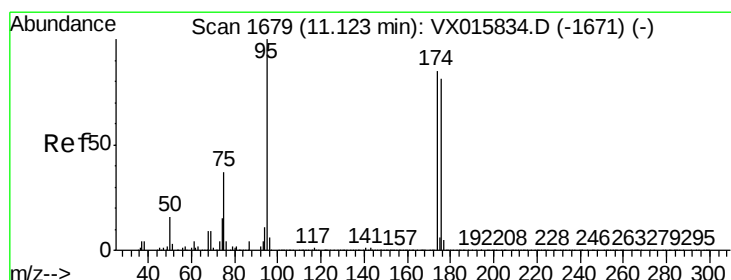
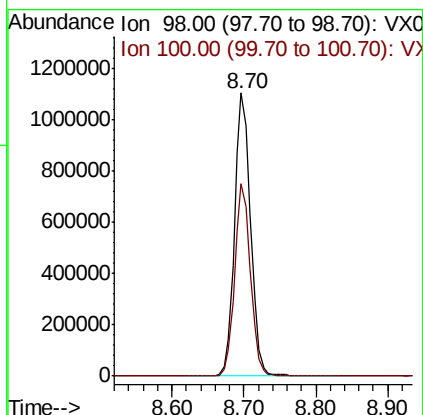
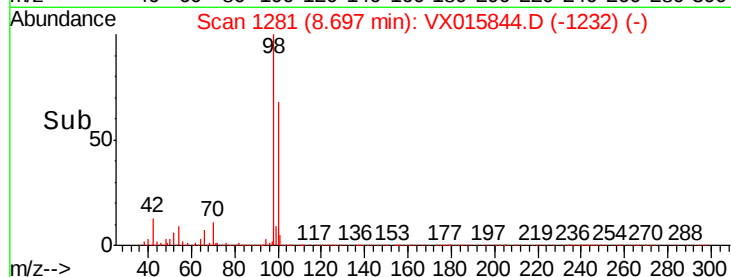
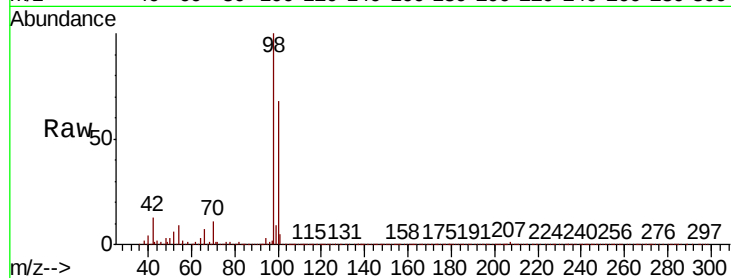
TT-TB-20200421

Tot Ion: 98 Resp: 1718890

Ion Ratio Lower Upper

98 100

100 66.7 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 54.185 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015844.D

Acq: 22 Apr 2020 16:16

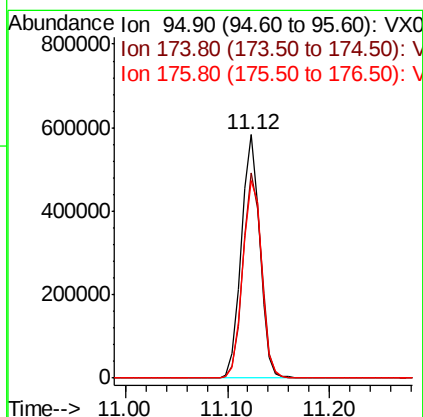
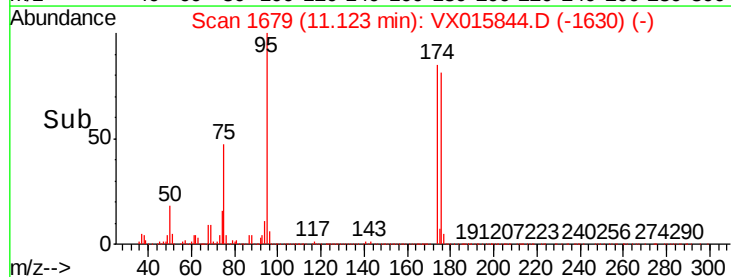
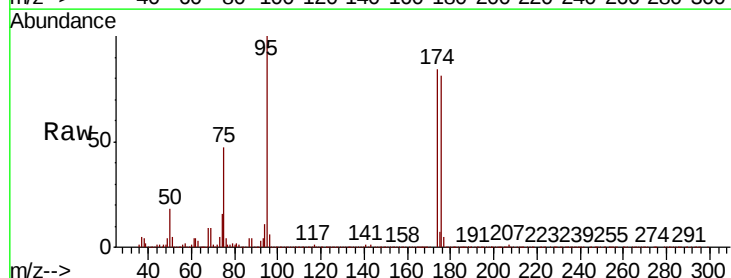
Tgt Ion: 95 Resp: 724406

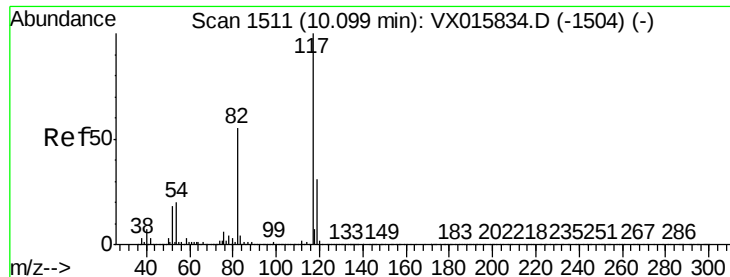
Ion Ratio Lower Upper

95 100

174 85.0 0.0 172.4

176 84.0 0.0 167.0

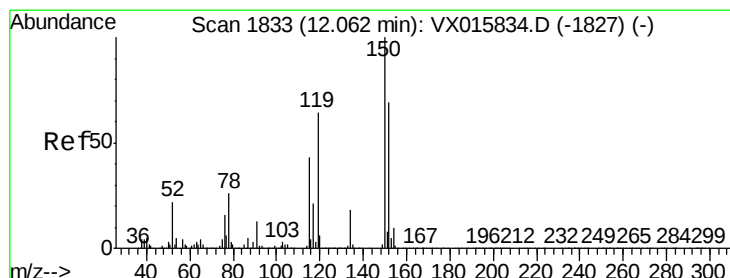
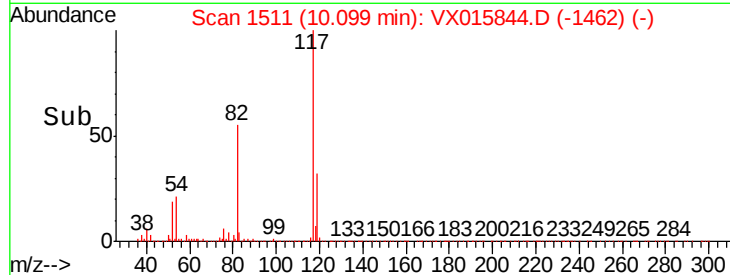
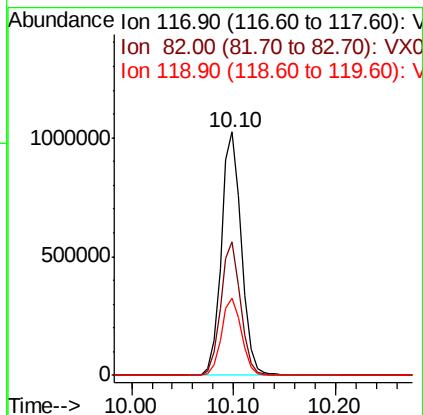
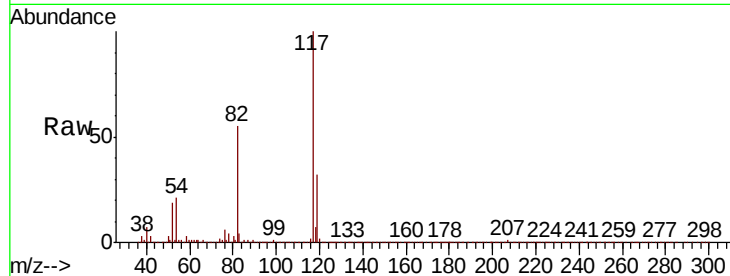




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015844.D
Acq: 22 Apr 2020 16:16

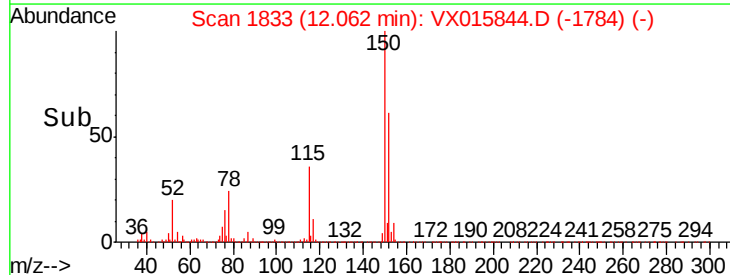
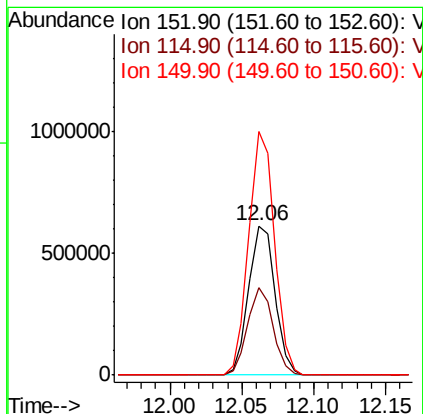
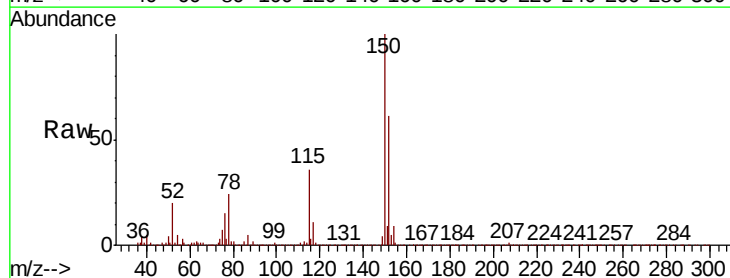
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20200421

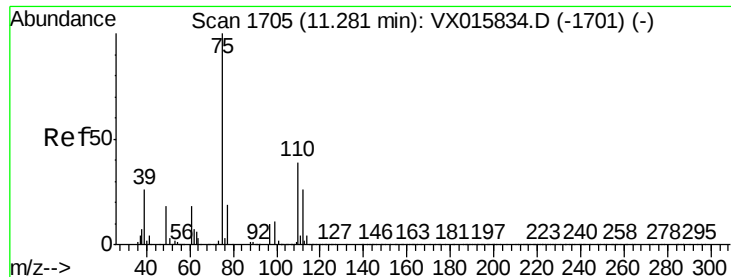
Tot Ion:117 Resp: 1401684
Ion Ratio Lower Upper
117 100
82 54.6 43.9 65.9
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015844.D
Acq: 22 Apr 2020 16:16

Tgt Ion:152 Resp: 775328
Ion Ratio Lower Upper
152 100
115 56.3 39.0 116.9
150 159.3 0.0 336.8





#76

1,2,3-Trichloropropane

Concen: 23.458 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015844.D

Acq: 22 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

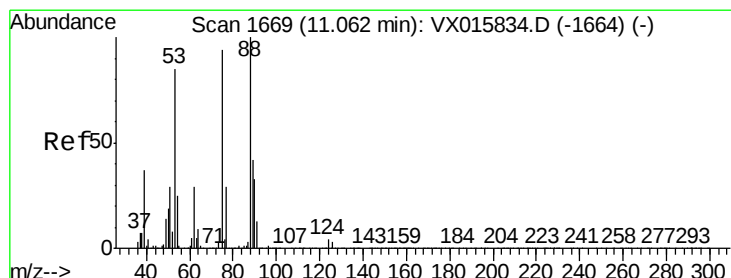
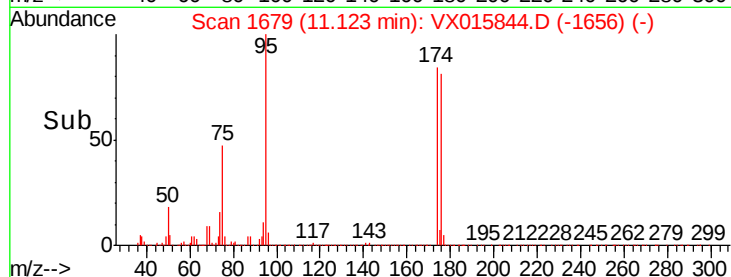
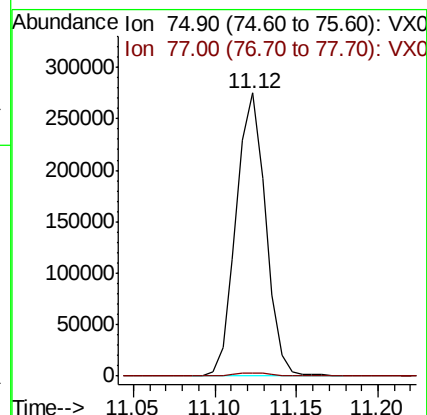
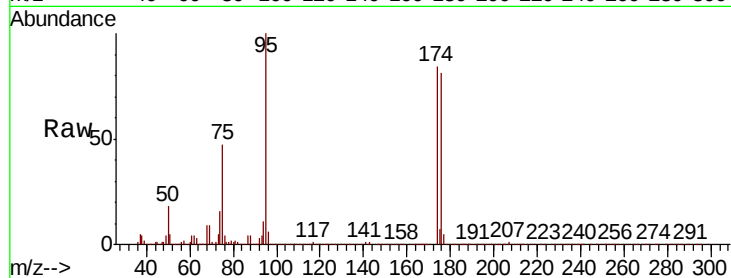
TT-TB-20200421

Tot Ion: 75 Resp: 345857

Ion Ratio Lower Upper

75 100

77 1.0 21.3 63.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.430 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015844.D

Acq: 22 Apr 2020 16:16

Tgt Ion: 75 Resp: 345857

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.2#

89 0.2 38.0 57.0#

