

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030920\
 Data File : VX015135.D
 Acq On : 09 Mar 2020 12:20
 Operator : JC/SP
 Sample : L1842-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-20200303

Quant Time: Mar 09 14:03:50 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	360947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	582411	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	556009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278562	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	218245	50.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.94%	
35) Dibromofluoromethane	5.49	113	185427	50.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.94%	
50) Toluene-d8	8.71	98	708107	50.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.13	95	257825	51.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.44%	

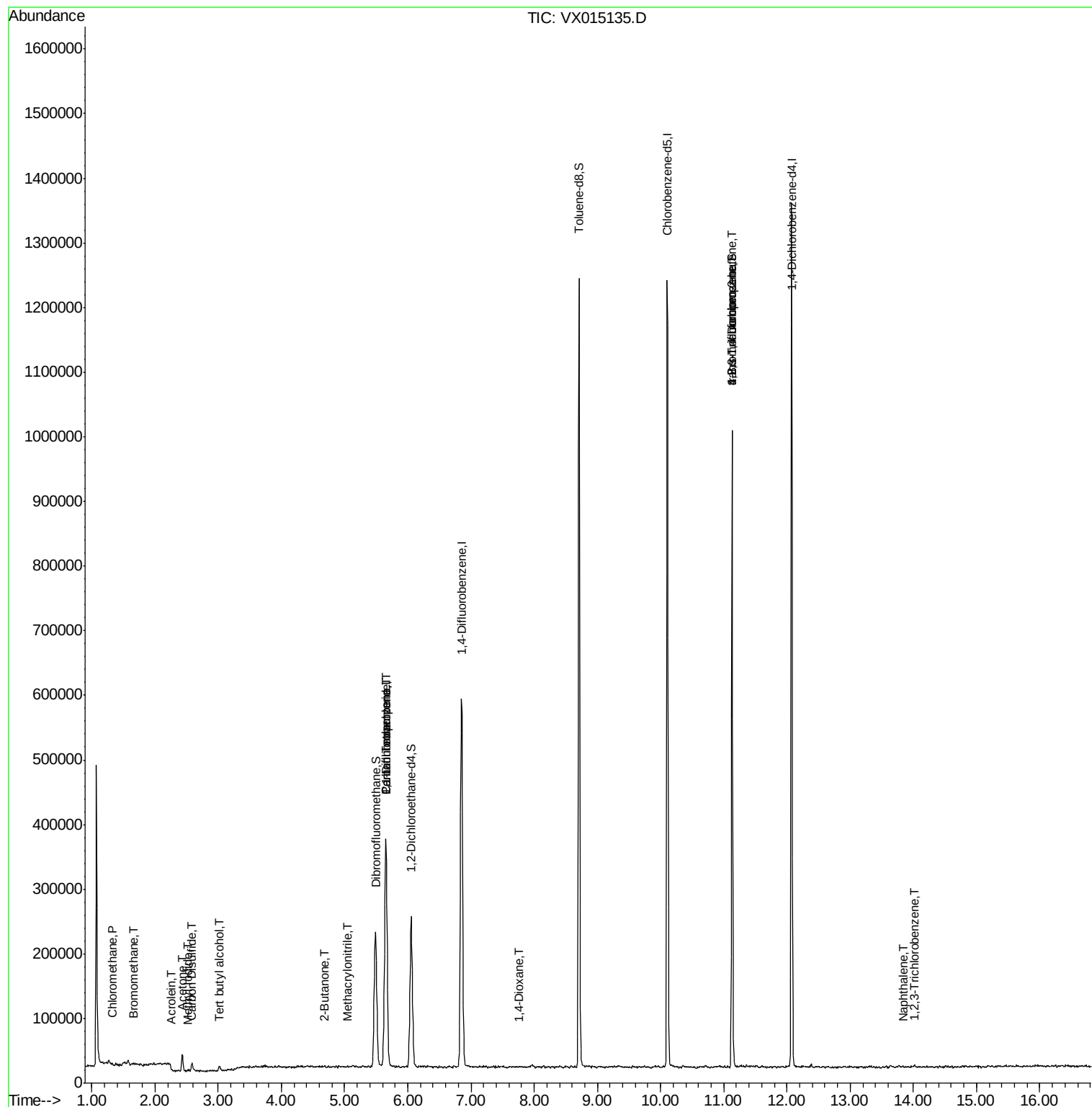
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1578	0.35	ug/l #	85
5) Bromomethane	1.65	94	755	0.27	ug/l	82
10) Methyl Iodide	2.51	142	1535	0.40	ug/l #	51
11) Tert butyl alcohol	3.02	59	8045	10.83	ug/l	98
13) Acrolein	2.26	56	350	0.50	ug/l #	53
16) Acetone	2.43	43	29395	16.95	ug/l	100
17) Carbon Disulfide	2.57	76	2107	0.22	ug/l	97
25) 2-Butanone	4.69	43	2729	1.07	ug/l #	72
36) 1,1-Dichloropropene	5.65	75	24731	4.59	ug/l #	50
38) Carbon Tetrachloride	5.66	117	33070	6.51	ug/l #	17
41) Methacrylonitrile	5.04	41	877	0.29	ug/l #	41
49) 1,4-Dioxane	7.75	88	200	2.07	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	128799	23.18	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	128799	65.79	ug/l #	11
95) Naphthalene	13.83	128	1619	1.51	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.01	180	1237	0.21	ug/l	75

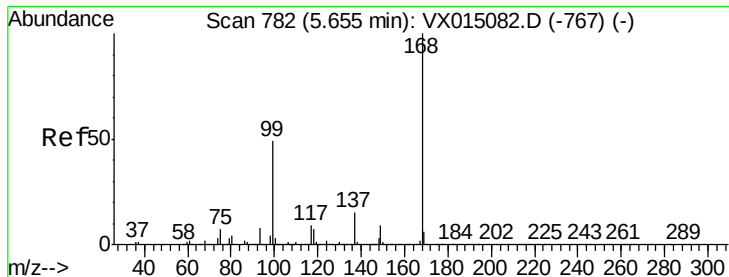
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030920\
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

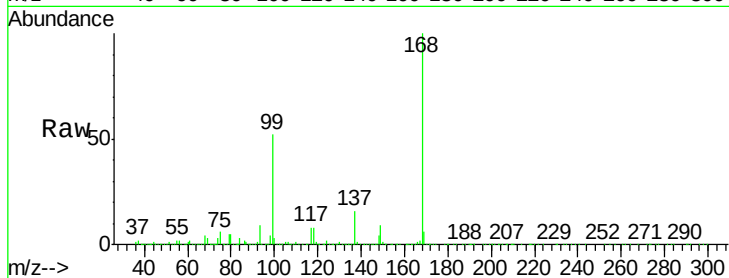
EB-01-20200303

Tgt Ion:168 Resp: 360947

Ion Ratio Lower Upper

168 100

99 51.7 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

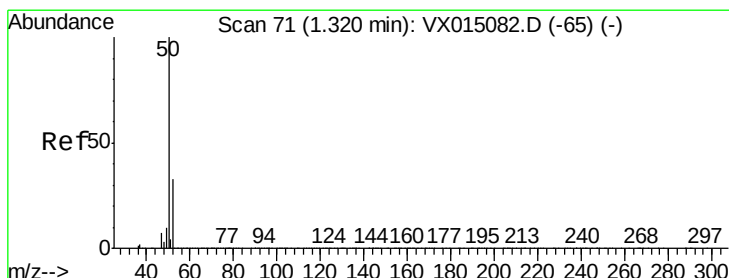
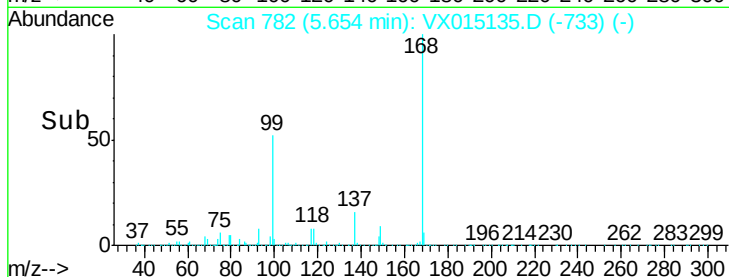
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.35 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015135.D

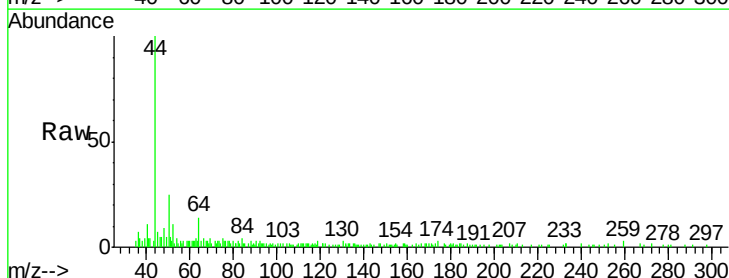
Acq: 09 Mar 2020 12:20

Tgt Ion: 50 Resp: 1578

Ion Ratio Lower Upper

50 100

52 41.4 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

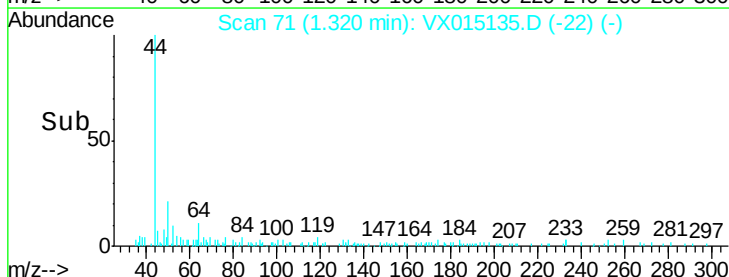
1500

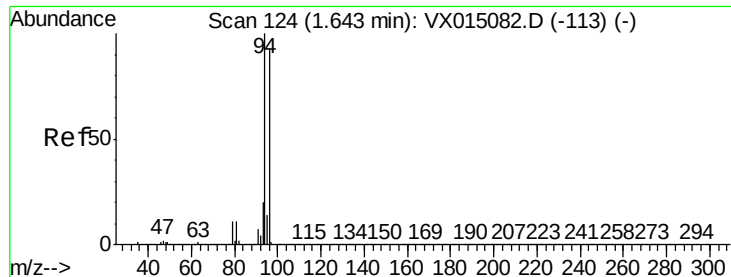
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.27 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

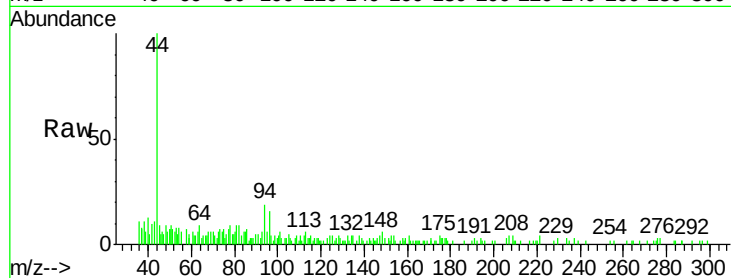
EB-01-20200303

Tgt Ion: 94 Resp: 755

Ion Ratio Lower Upper

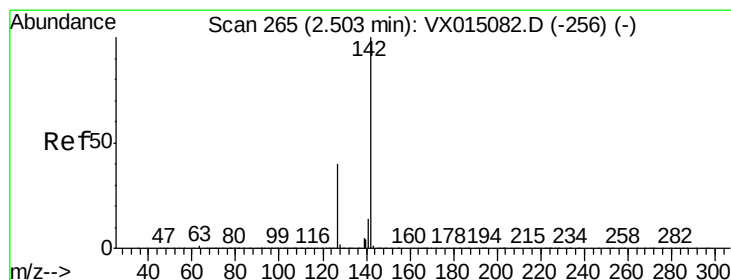
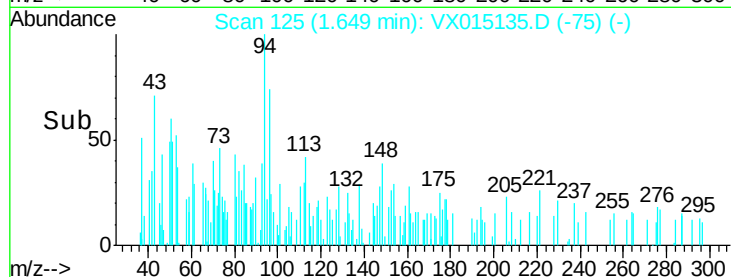
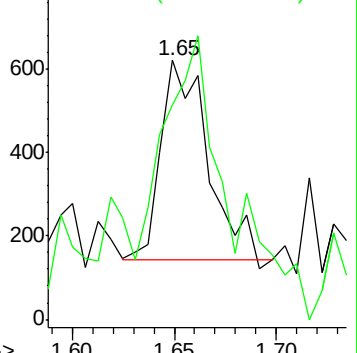
94 100

96 75.7 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 0.40 ug/l

RT: 2.51 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

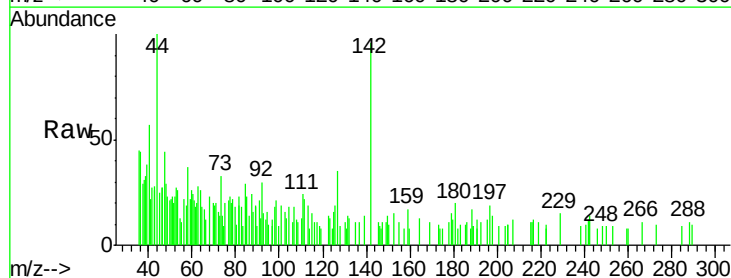
Tgt Ion: 142 Resp: 1535

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

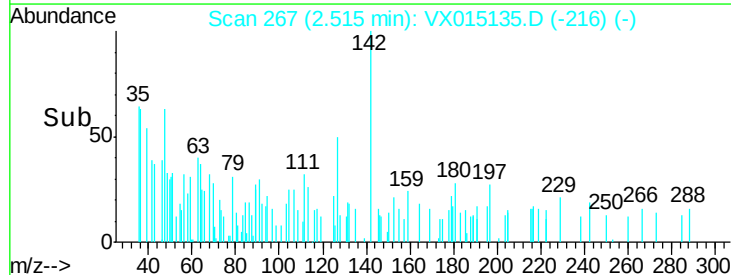
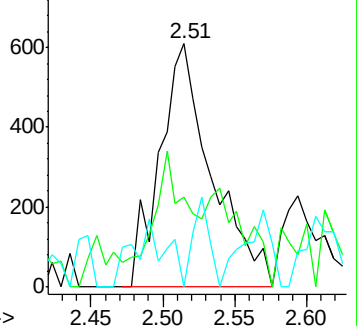
141 11.2 11.3 16.9#

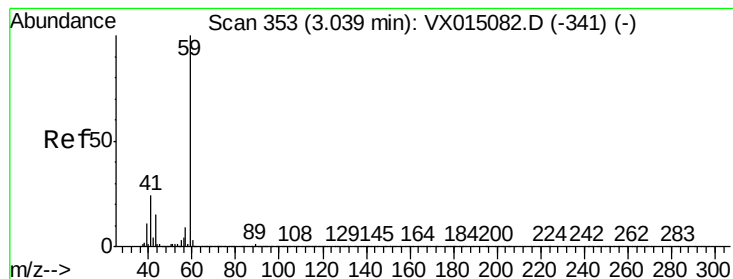


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 10.83 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

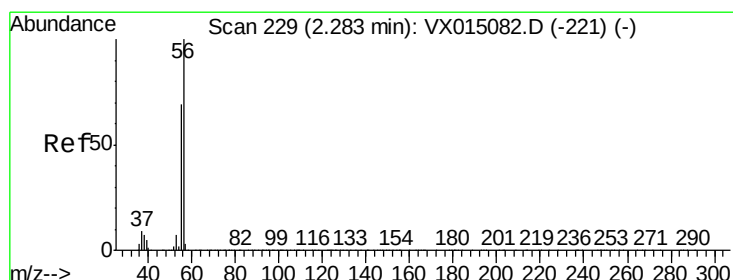
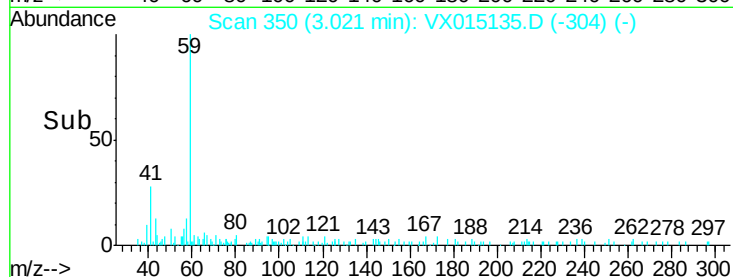
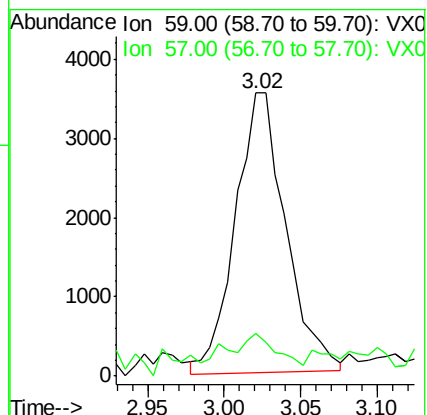
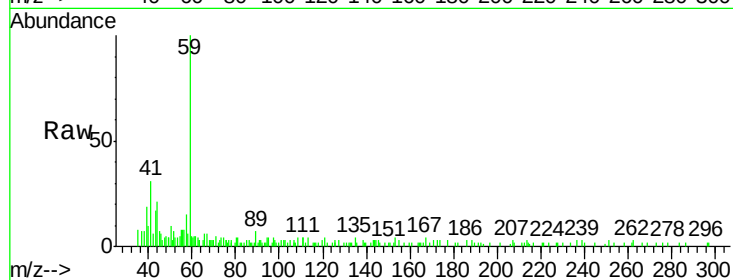
EB-01-20200303

Tgt Ion: 59 Resp: 8045

Ion Ratio Lower Upper

59 100

57 9.6 8.2 12.4



#13

Acrolein

Concen: 0.50 ug/l

RT: 2.26 min Scan# 225

Delta R.T. -0.02 min

Lab File: VX015135.D

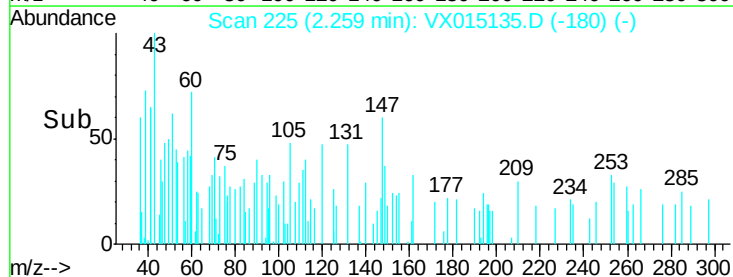
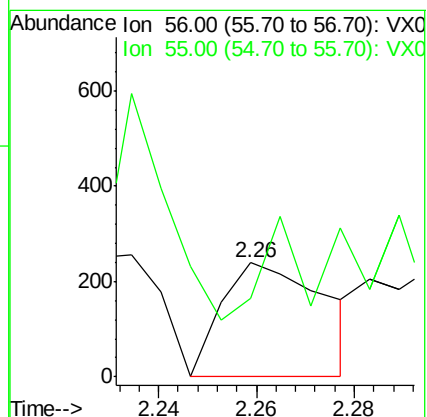
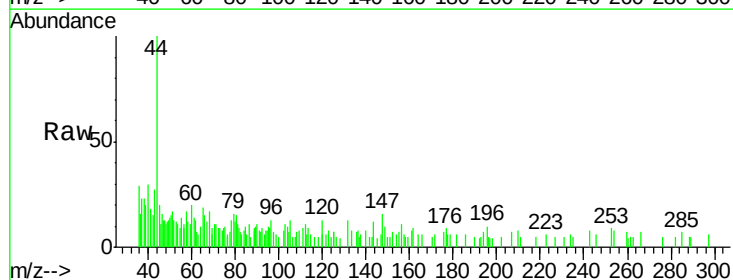
Acq: 09 Mar 2020 12:20

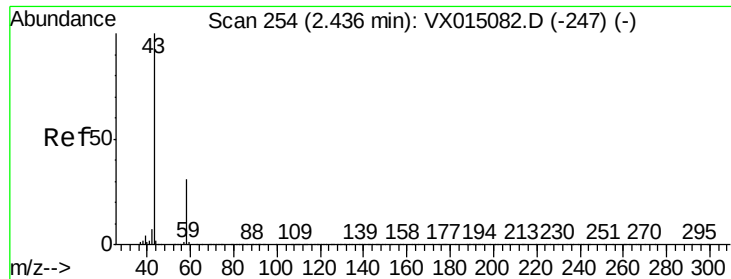
Tgt Ion: 56 Resp: 350

Ion Ratio Lower Upper

56 100

55 30.9 55.4 83.0#





#16

Acetone

Concen: 16.95 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

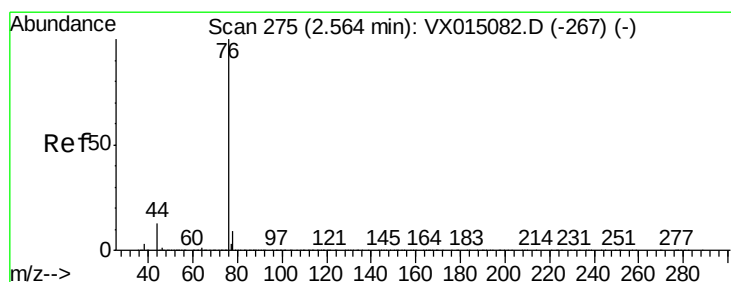
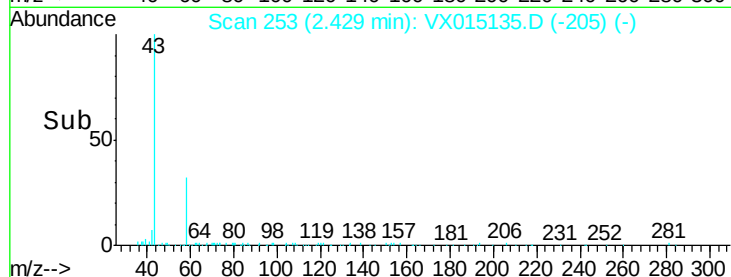
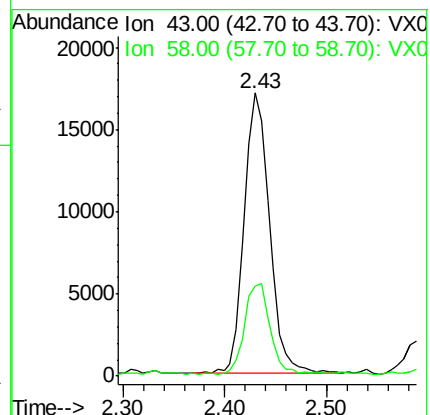
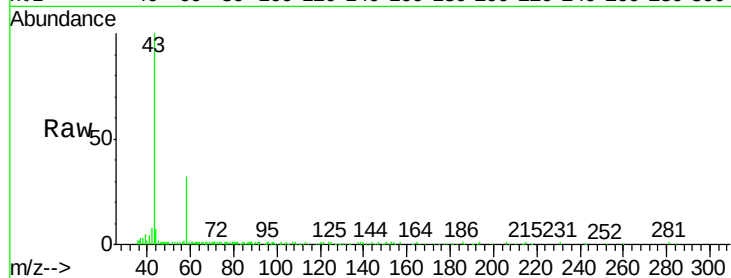
EB-01-20200303

Tgt Ion: 43 Resp: 29395

Ion Ratio Lower Upper

43 100

58 31.1 24.8 37.2



#17

Carbon Disulfide

Concen: 0.22 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX015135.D

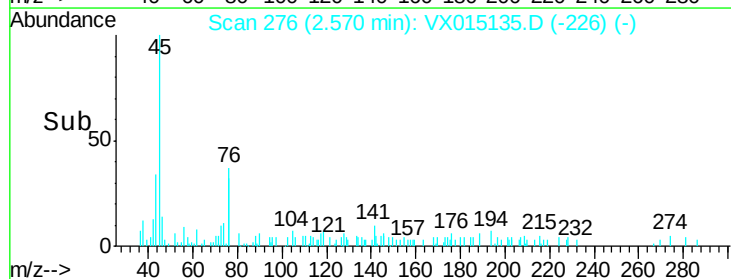
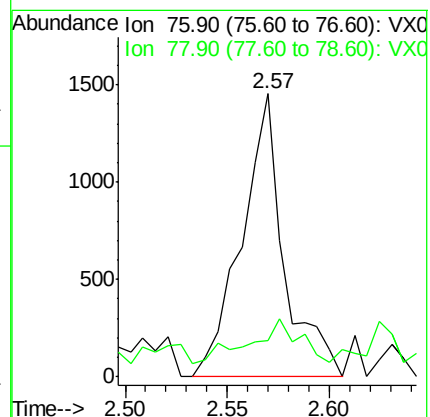
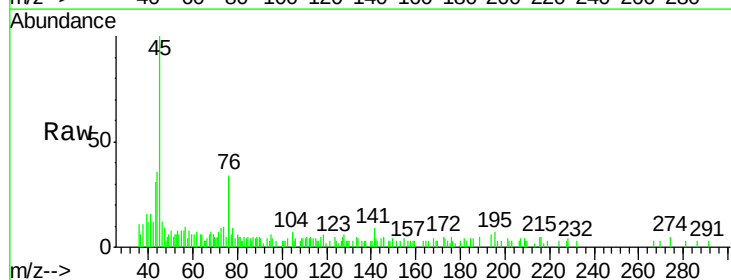
Acq: 09 Mar 2020 12:20

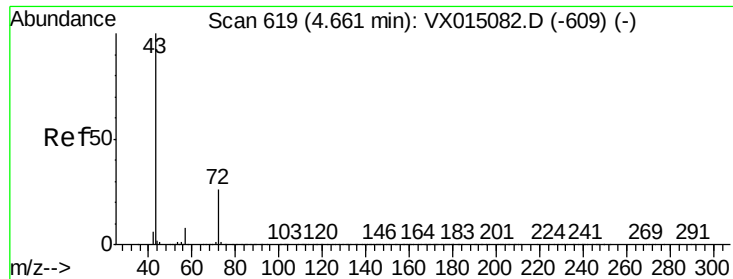
Tgt Ion: 76 Resp: 2107

Ion Ratio Lower Upper

76 100

78 8.1 7.3 10.9

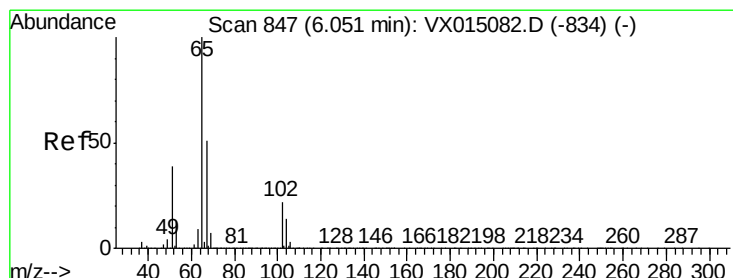
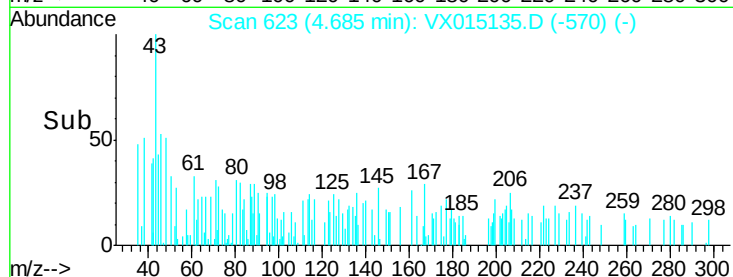
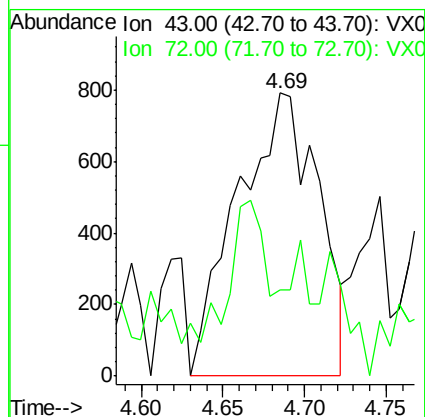
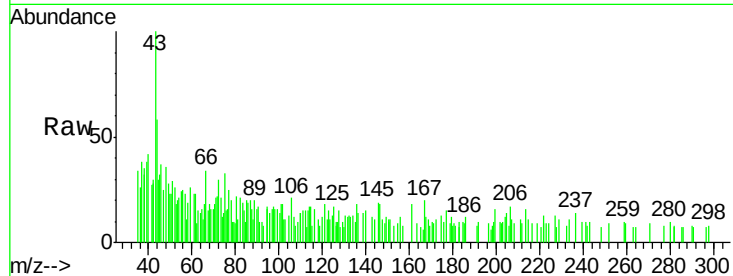




#25
2-Butanone
Concen: 1.07 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.02 min
Lab File: VX015135.D
Acq: 09 Mar 2020 12:20

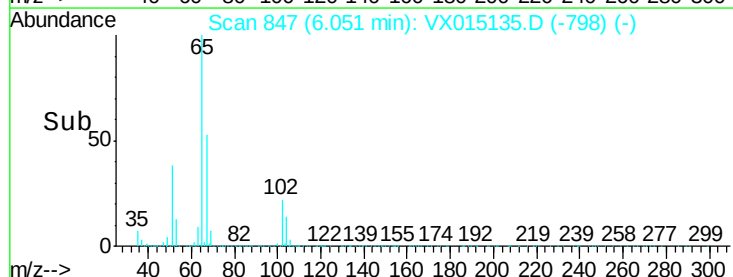
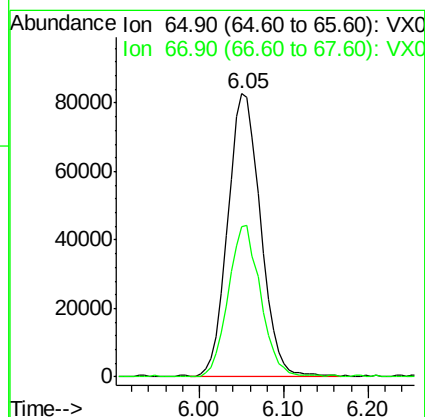
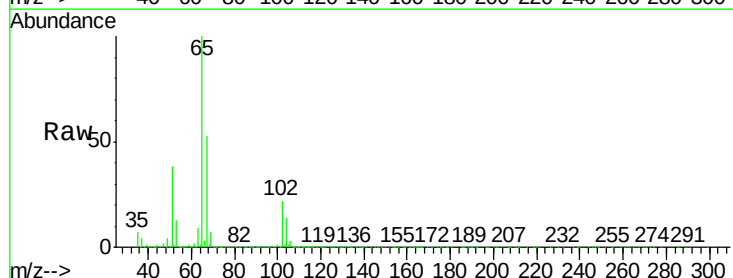
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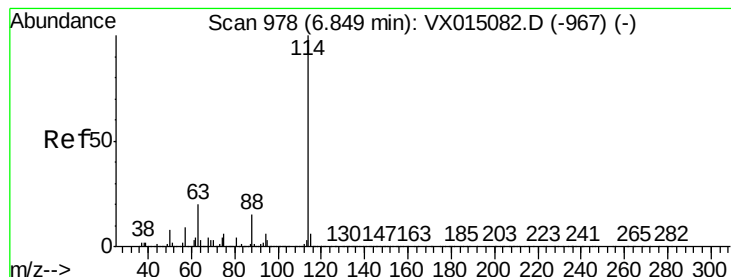
Tgt Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
72 11.7 20.6 30.8#



#33
1,2-Dichloroethane-d4
Concen: 50.97 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX015135.D
Acq: 09 Mar 2020 12:20

Tgt Ion: 65 Resp: 218245
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

EB-01-20200303

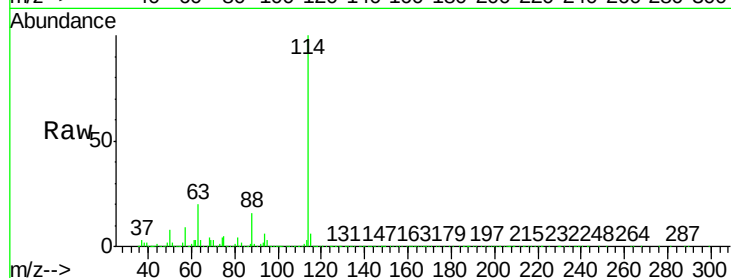
Tgt Ion:114 Resp: 582411

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

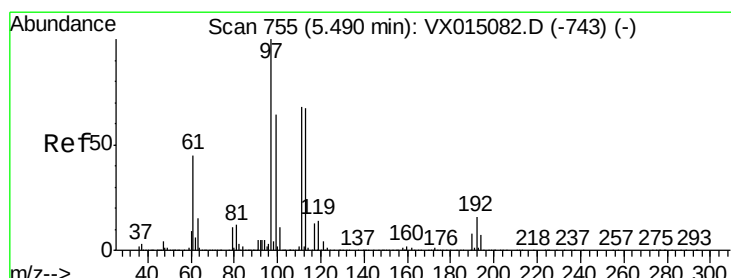
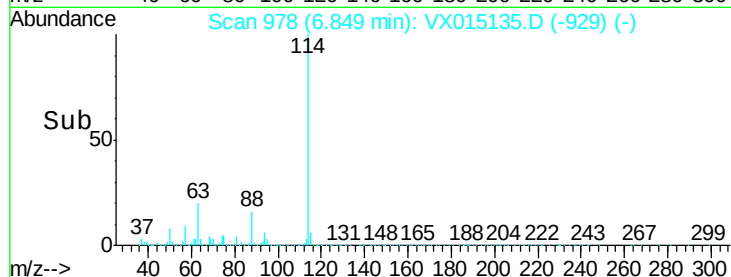
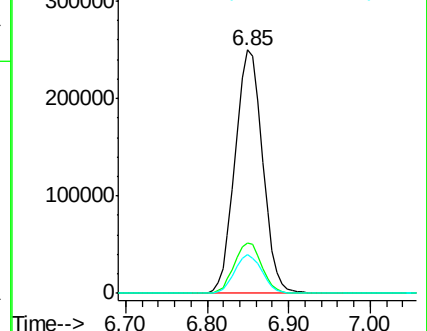
88 15.8 0.0 30.6



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: 50.47 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

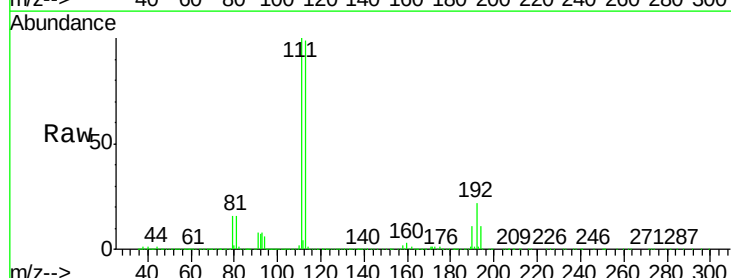
Tgt Ion:113 Resp: 185427

Ion Ratio Lower Upper

113 100

111 100.7 82.6 123.8

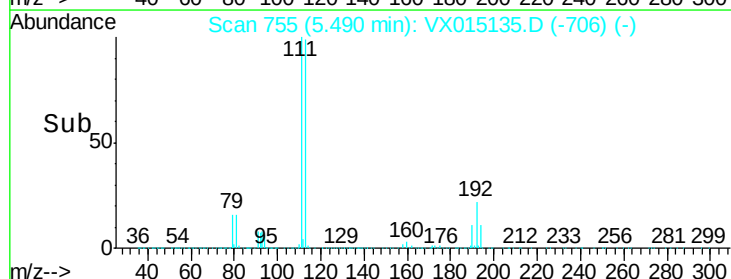
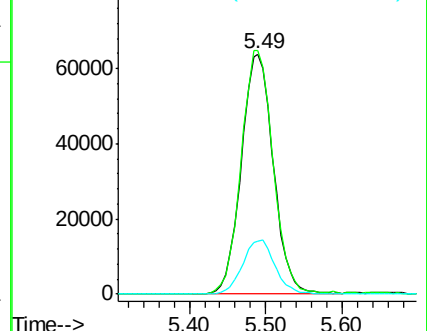
192 22.7 18.6 28.0

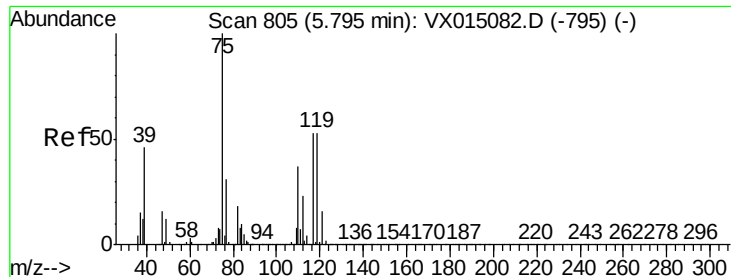


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

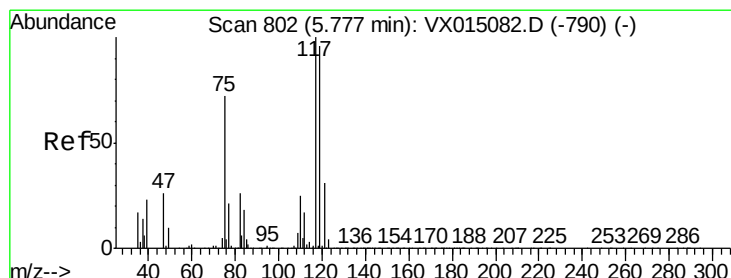
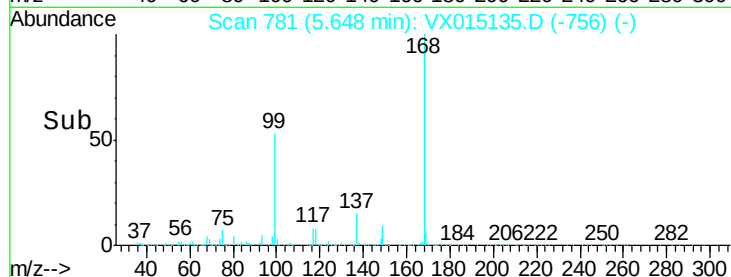
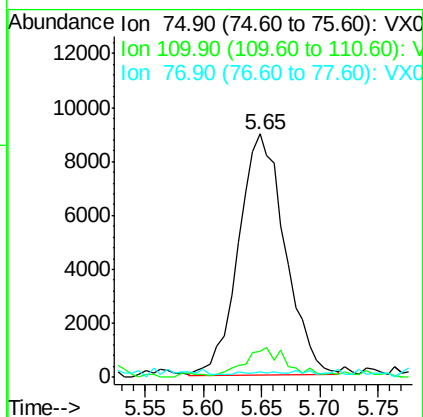
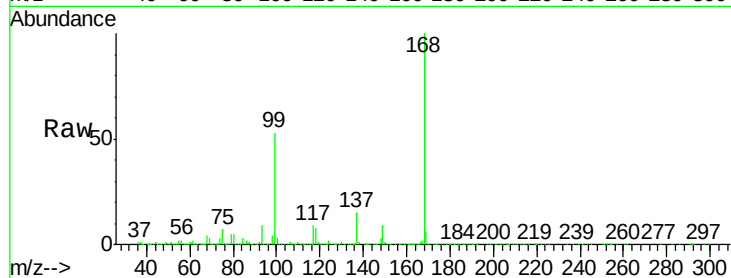




#36
 1,1-Dichloropropene
 Concen: 4.59 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX015135.D
 Acq: 09 Mar 2020 12:20

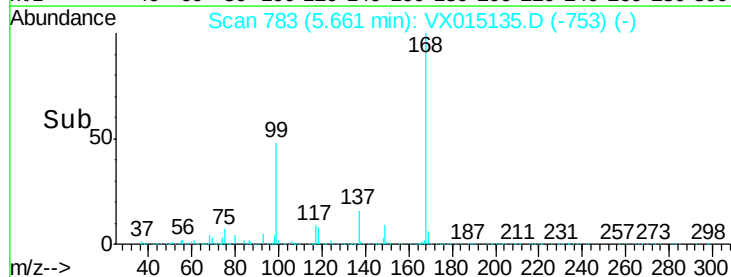
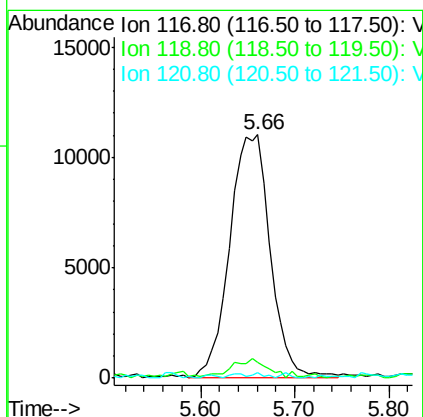
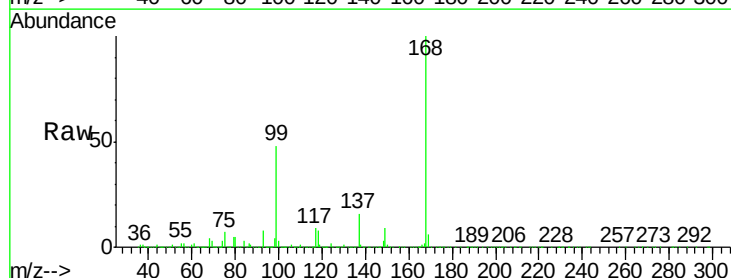
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-20200303

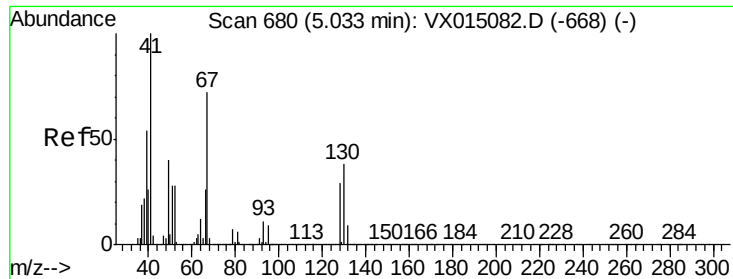
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.9	53.8#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.51 ug/l
 RT: 5.66 min Scan# 783
 Delta R.T. -0.12 min
 Lab File: VX015135.D
 Acq: 09 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.9	115.3#
121	1.6	24.6	37.0#

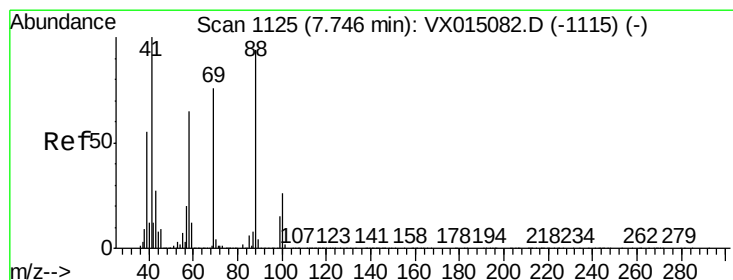
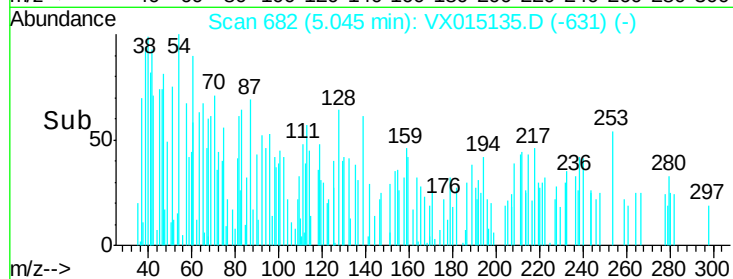
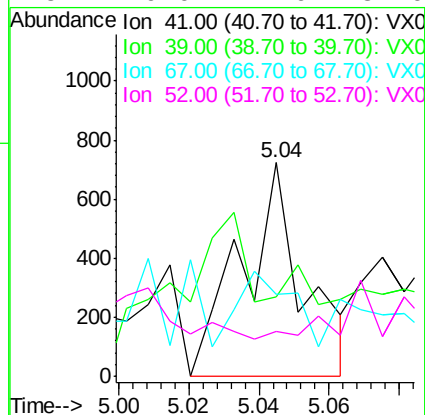
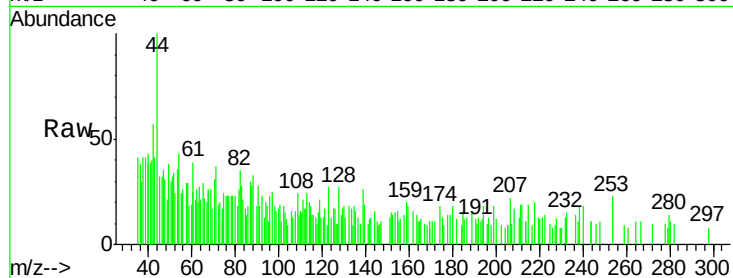




#41
Methacrylonitrile
Concen: 0.29 ug/l
RT: 5.04 min Scan# 682
Delta R.T. 0.01 min
Lab File: VX015135.D
Acq: 09 Mar 2020 12:20

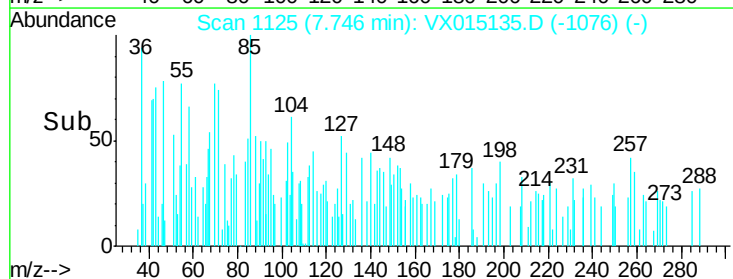
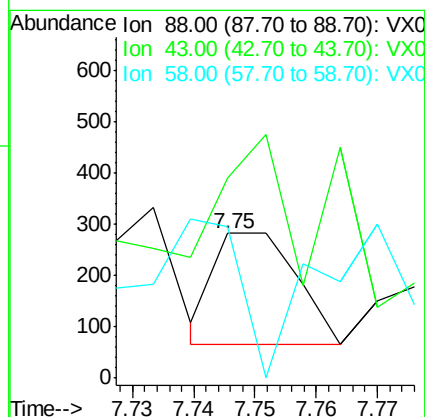
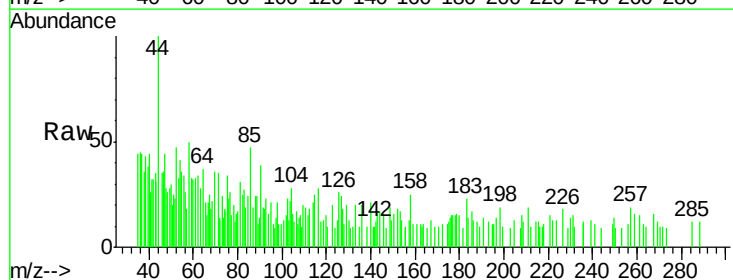
Instrument :
MSVOA_X
ClientSampleId :
EB-01-20200303

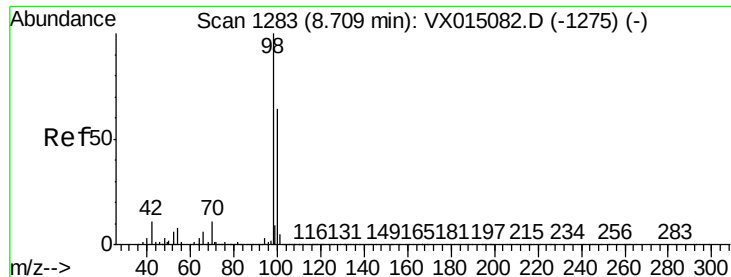
Tgt Ion:	41	Resp:	877
Ion	Ratio	Lower	Upper
41	100		
39	108.6	43.9	65.9#
67	31.2	57.8	86.8#
52	0.0	22.6	34.0#



#49
1,4-Dioxane
Concen: 2.07 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VX015135.D
Acq: 09 Mar 2020 12:20

Tgt Ion:	88	Resp:	200
Ion	Ratio	Lower	Upper
88	100		
43	332.5	27.0	40.4#
58	144.0	55.6	83.4#





#50

Toluene-d8

Concen: 50.66 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

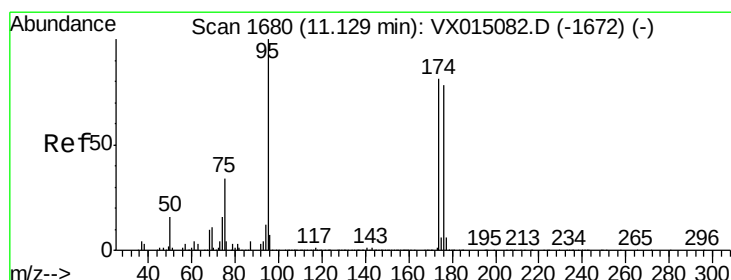
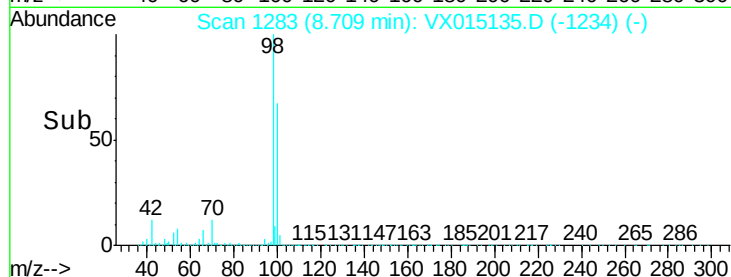
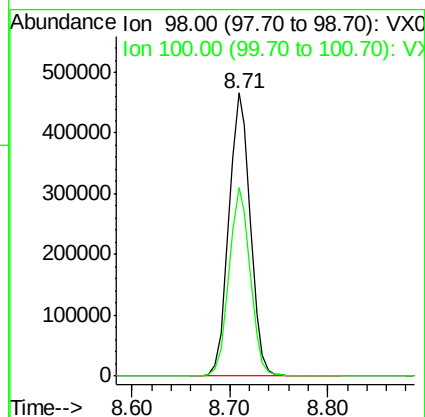
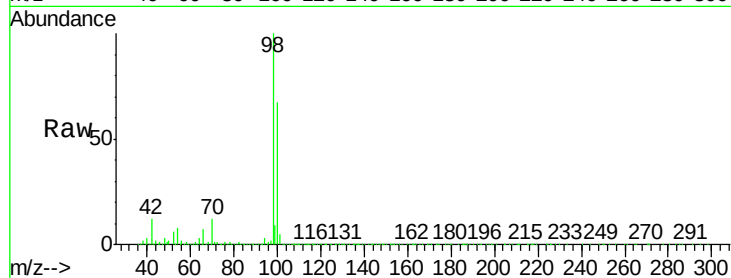
EB-01-20200303

Tgt Ion: 98 Resp: 708107

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 51.72 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

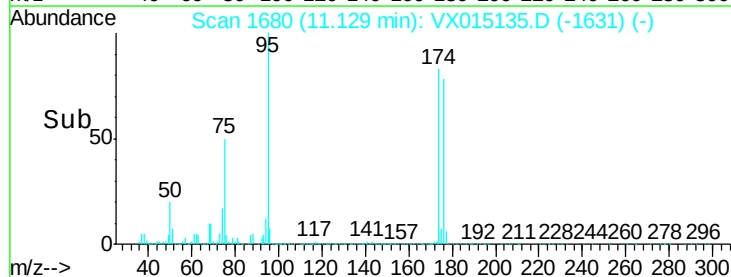
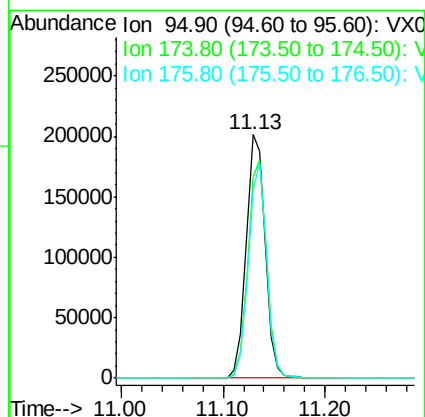
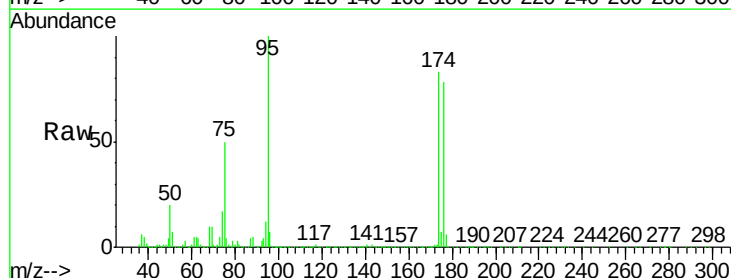
Tgt Ion: 95 Resp: 257825

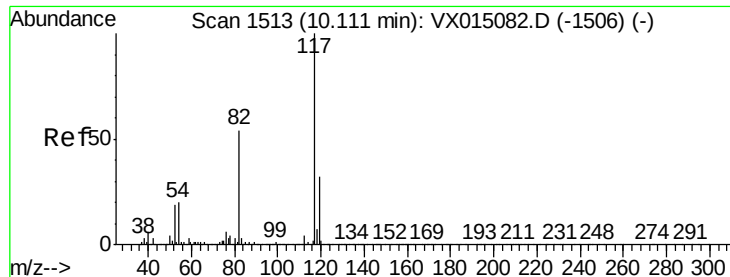
Ion Ratio Lower Upper

95 100

174 88.9 0.0 177.6

176 85.3 0.0 170.2

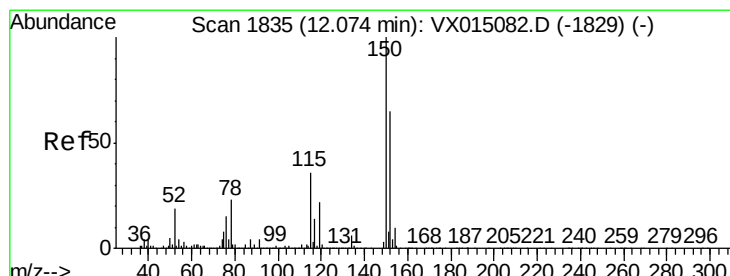
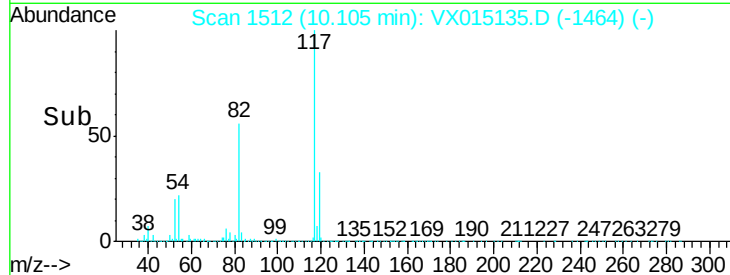
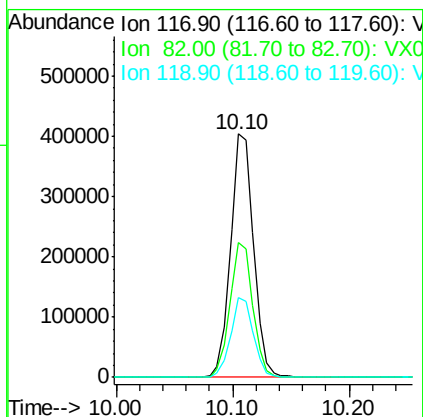
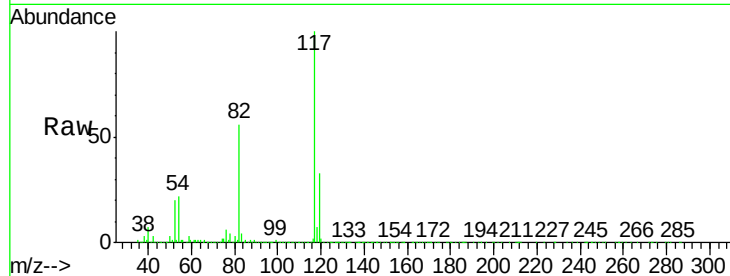




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015135.D
Acq: 09 Mar 2020 12:20

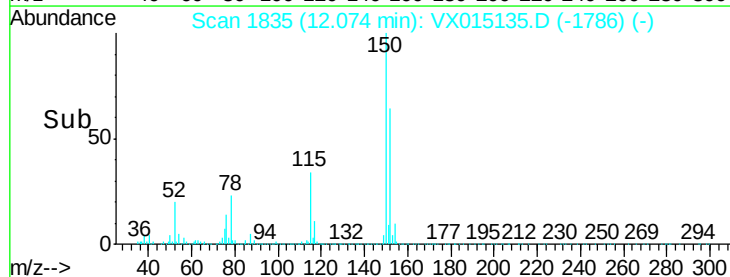
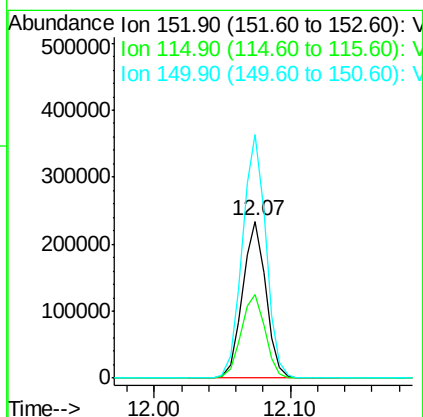
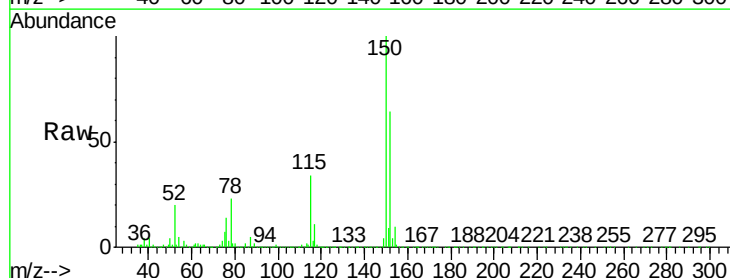
Instrument :
MSVOA_X
ClientSampled :
EB-01-20200303

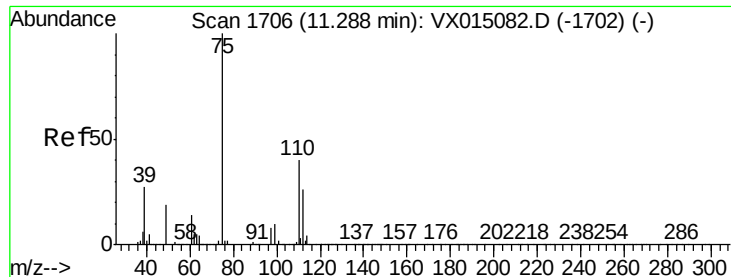
Tgt Ion:117 Resp: 556009
Ion Ratio Lower Upper
117 100
82 55.6 43.3 64.9
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015135.D
Acq: 09 Mar 2020 12:20

Tgt Ion:152 Resp: 278562
Ion Ratio Lower Upper
152 100
115 54.6 38.2 114.6
150 157.3 0.0 343.8





#76

1,2,3-Trichloropropane

Concen: 23.18 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

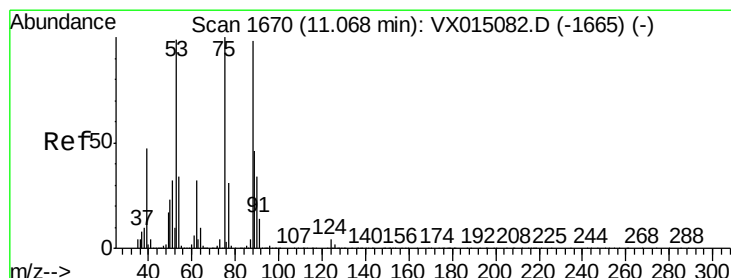
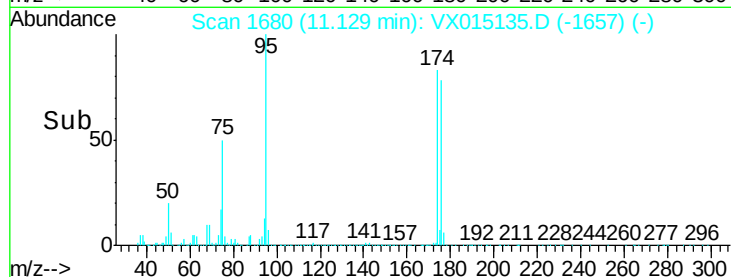
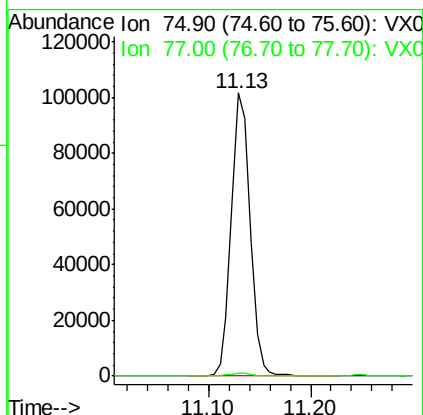
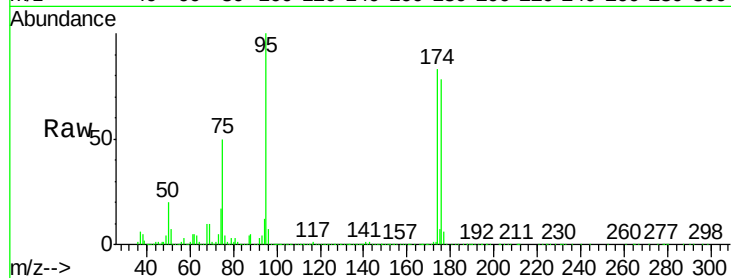
EB-01-20200303

Tgt Ion: 75 Resp: 128799

Ion Ratio Lower Upper

75 100

77 1.4 22.6 67.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.79 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

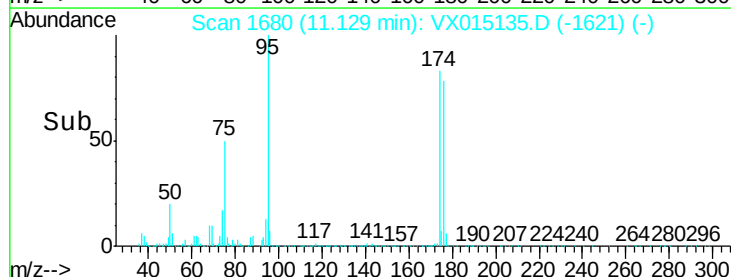
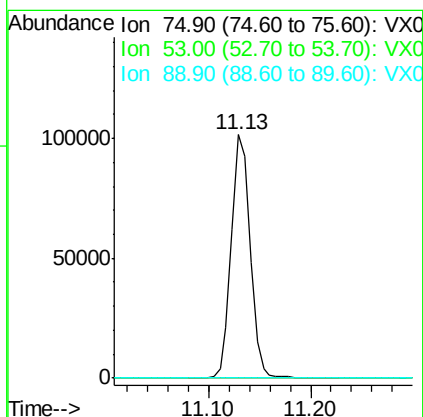
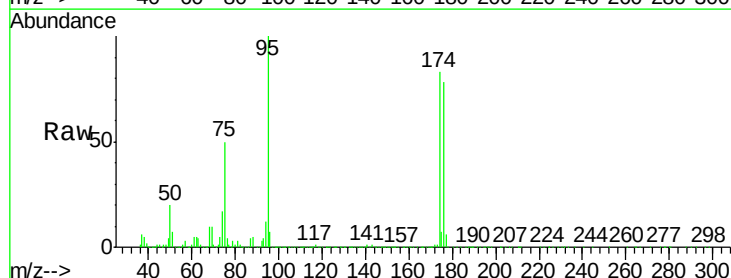
Tgt Ion: 75 Resp: 128799

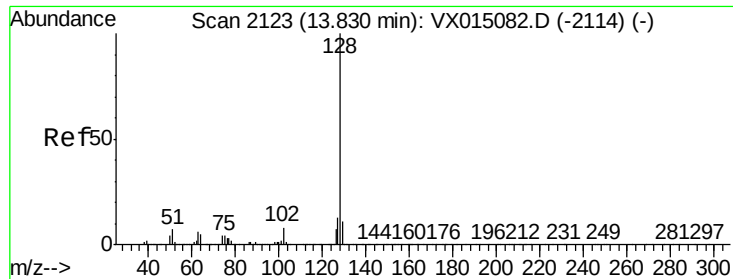
Ion Ratio Lower Upper

75 100

53 0.0 77.9 116.9#

89 0.0 36.2 54.2#





#95

Naphthalene

Concen: 1.51 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

EB-01-20200303

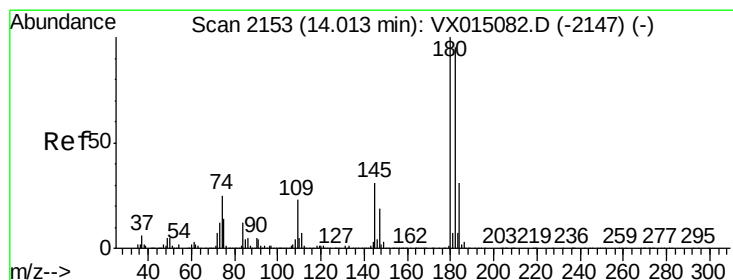
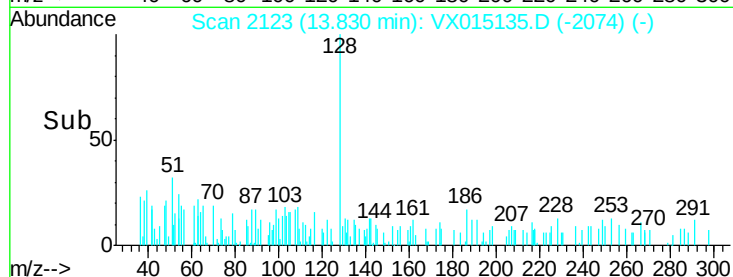
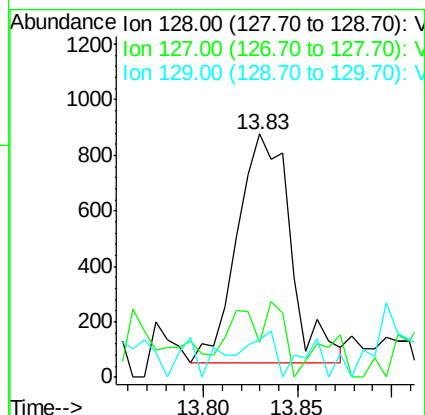
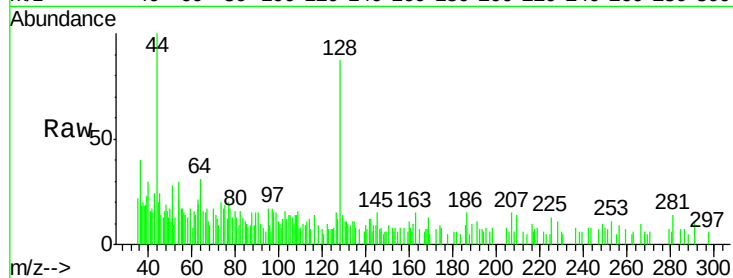
Tgt Ion:128 Resp: 1619

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 15.8 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.21 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015135.D

Acq: 09 Mar 2020 12:20

Tgt Ion:180 Resp: 1237

Ion Ratio Lower Upper

180 100

182 70.6 47.8 143.4

145 43.0 15.1 45.3

