

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
 Data File : VX015110.D
 Acq On : 05 Mar 2020 15:56
 Operator : JC/SP
 Sample : L1818-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 06 02:22:53 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	353417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	568616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	549019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	282499	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	215189	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
35) Dibromofluoromethane	5.48	113	176852	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	686907	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.13	95	255923	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	

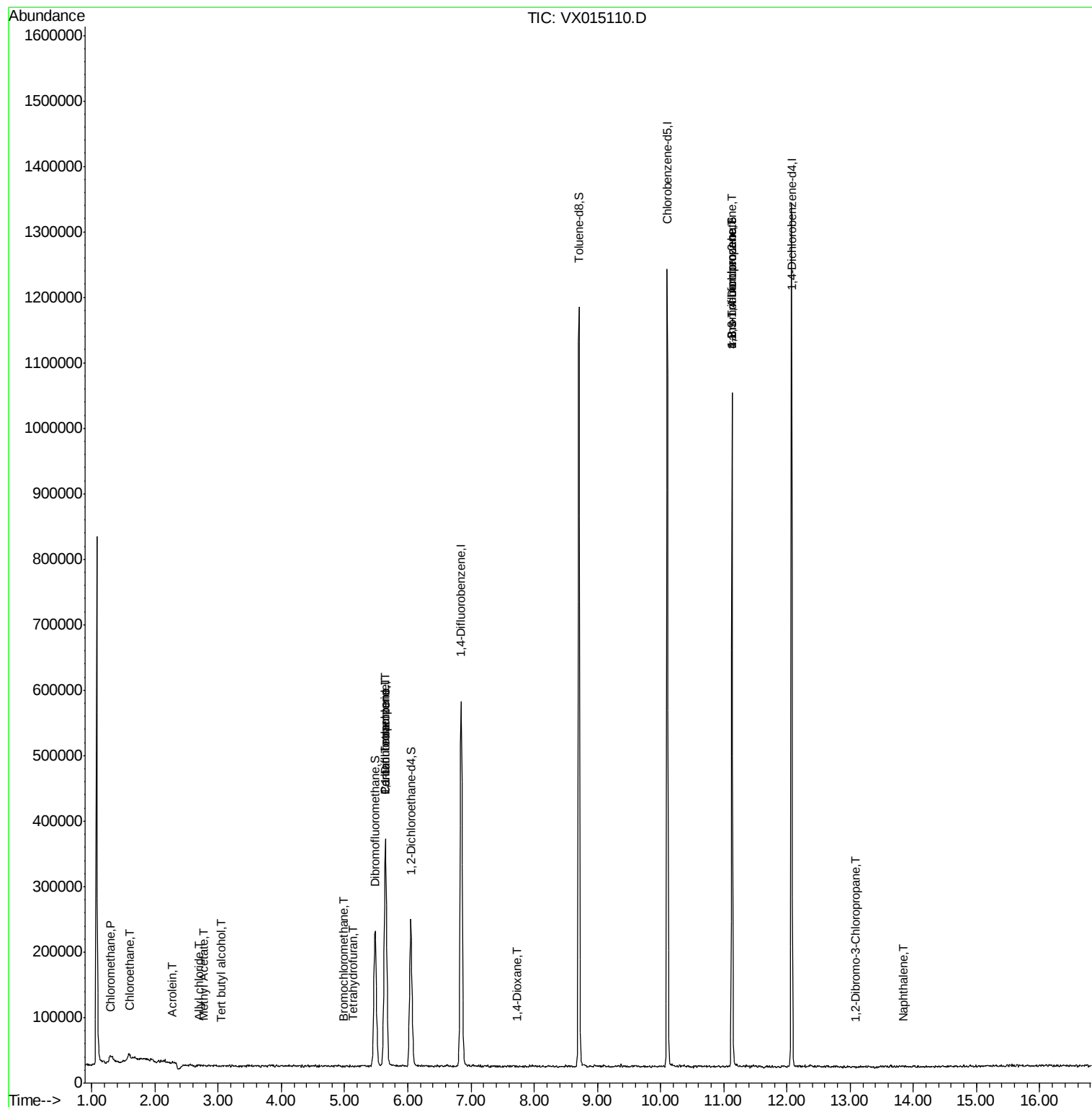
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	2183	0.498	ug/l #	60
6) Chloroethane	1.61	64	24955	9.359	ug/l #	42
11) Tert butyl alcohol	3.05	59	660	0.907	ug/l #	56
13) Acrolein	2.28	56	223	0.326	ug/l #	19
14) Allyl chloride	2.70	41	2297	0.384	ug/l #	32
18) Methyl Acetate	2.76	43	1074	0.259	ug/l #	29
28) Bromochloromethane	5.00	49	651	0.216	ug/l #	34
29) Tetrahydrofuran	5.13	42	476	0.297	ug/l #	58
36) 1,1-Dichloropropene	5.64	75	26665	5.073	ug/l #	49
38) Carbon Tetrachloride	5.64	117	33221	6.695	ug/l #	16
49) 1,4-Dioxane	7.73	88	232	2.458	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	127941	22.705	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	127941	64.436	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	13.09	75	293	0.243	ug/l	73
95) Naphthalene	13.84	128	812	1.462	ug/l #	61

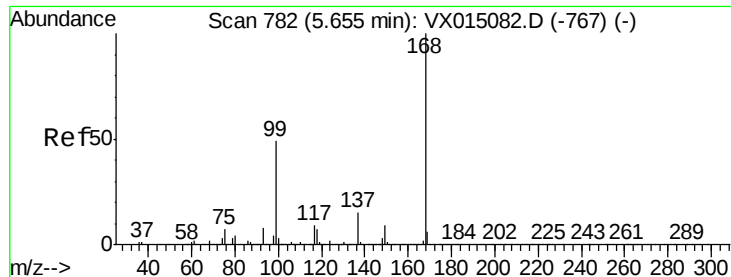
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Mar 06 02:22:53 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# 781

Delta R.T. -0.01 min

Lab File: VX015110.D

Acq: 05 Mar 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

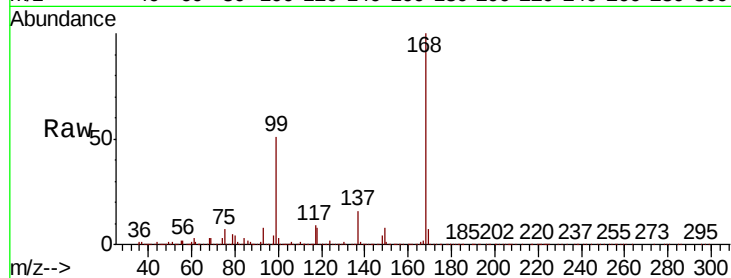
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Tot Ion:168 Resp: 353417

Ion Ratio Lower Upper

168 100

99 50.6 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

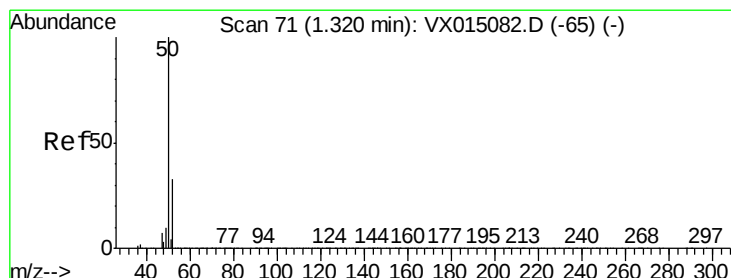
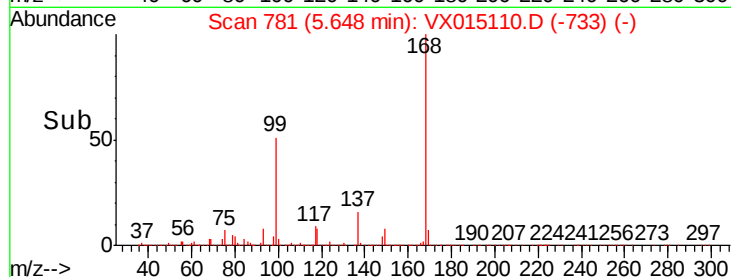
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.498 ug/l

RT: 1.31 min Scan# 69

Delta R.T. -0.01 min

Lab File: VX015110.D

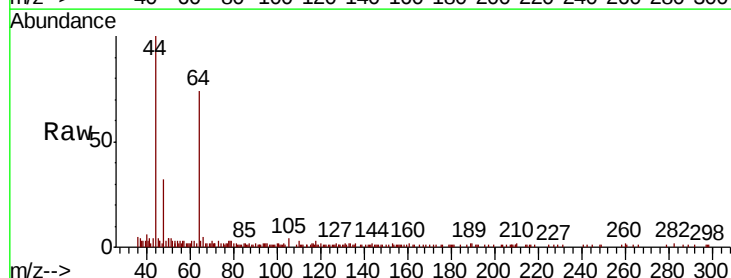
Acq: 05 Mar 2020 15:56

Tgt Ion: 50 Resp: 2183

Ion Ratio Lower Upper

50 100

52 10.3 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

600

500

400

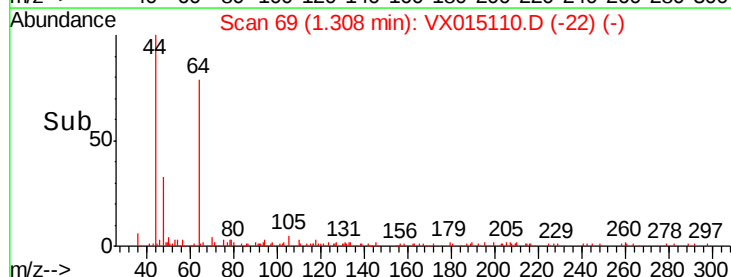
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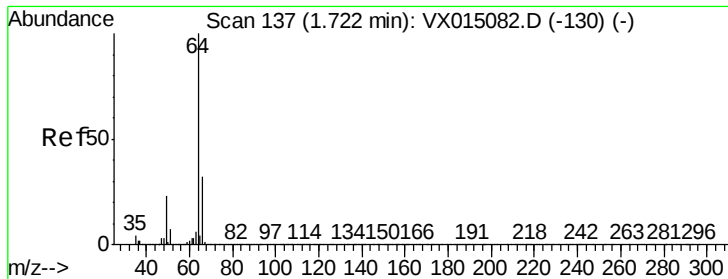
200

100

0

Time-->





#6

Chloroethane

Concen: 9.359 ug/l

RT: 1.61 min Scan# 119

Delta R.T. -0.11 min

Lab File: VX015110.D

Acq: 05 Mar 2020 15:56

Instrument :

MSVOA_X

ClientSampled :

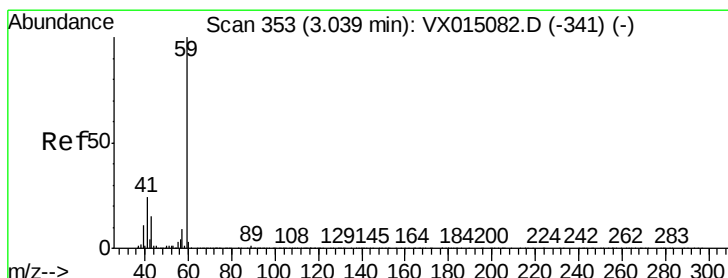
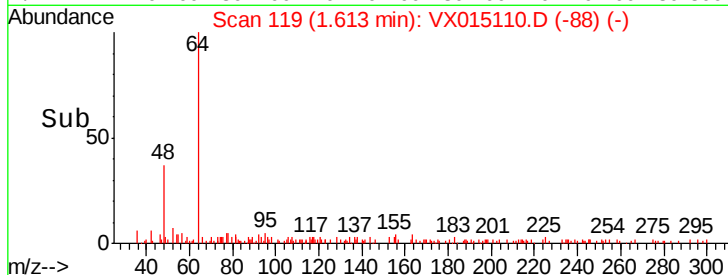
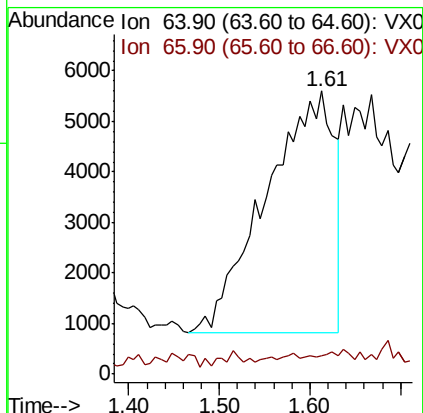
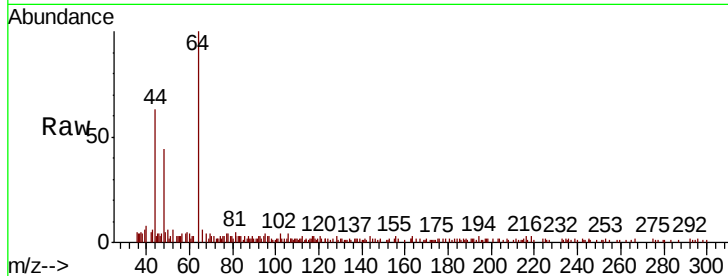
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Tot Ion: 64 Resp: 24955

Ion Ratio Lower Upper

64 100

66 0.0 25.8 38.8#



#11

Tert butyl alcohol

Concen: 0.907 ug/l

RT: 3.05 min Scan# 354

Delta R.T. 0.01 min

Lab File: VX015110.D

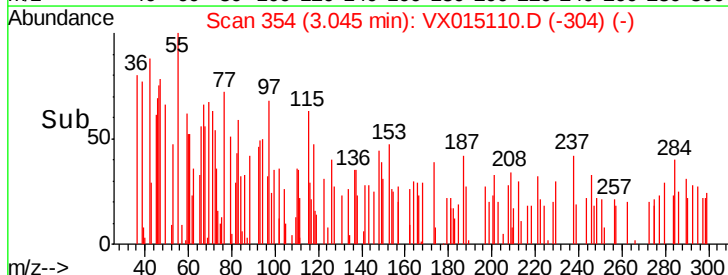
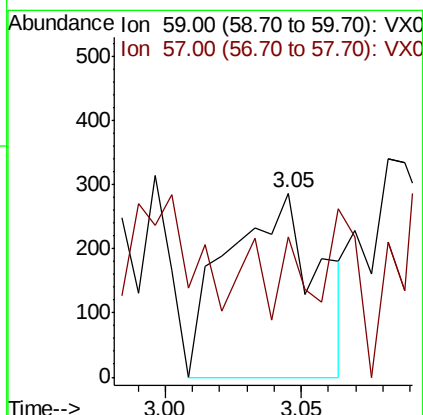
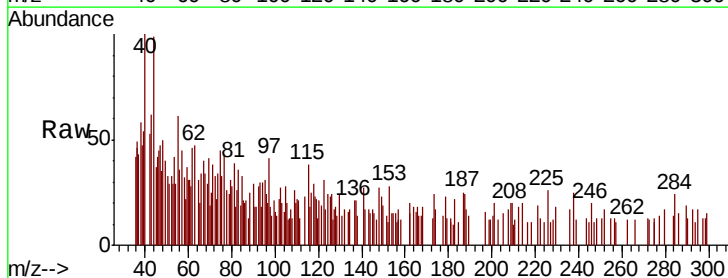
Acq: 05 Mar 2020 15:56

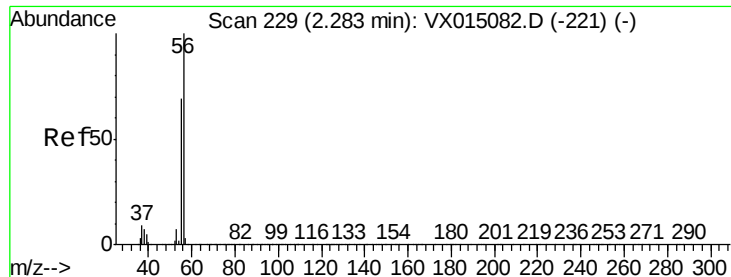
Tgt Ion: 59 Resp: 660

Ion Ratio Lower Upper

59 100

57 26.7 8.2 12.4#

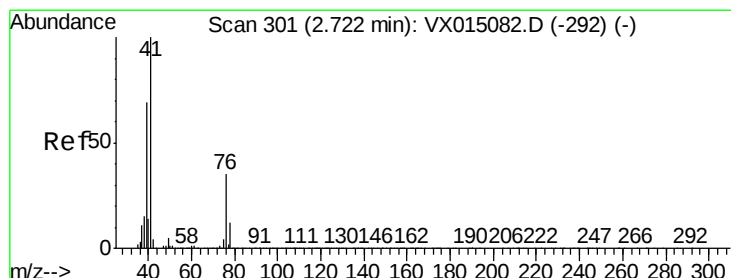
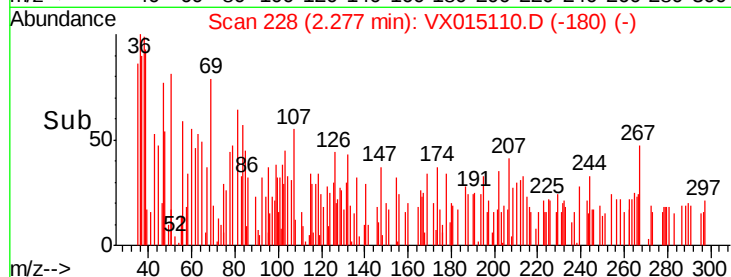
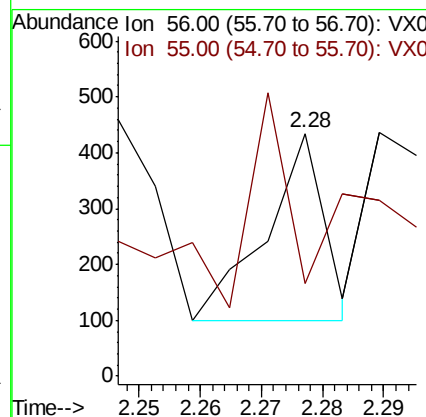
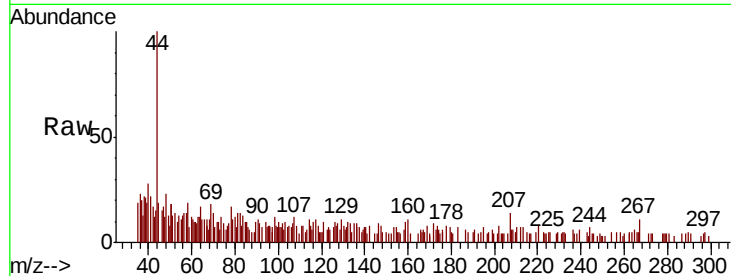




#13
Acrolein
Concen: 0.326 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

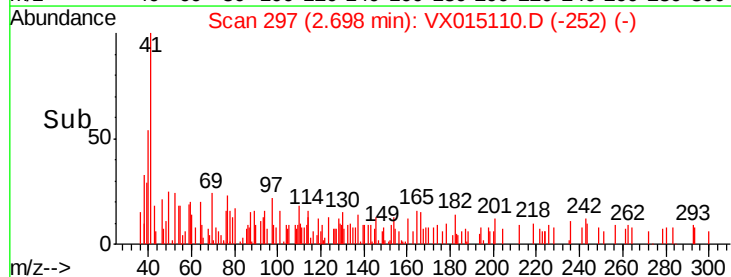
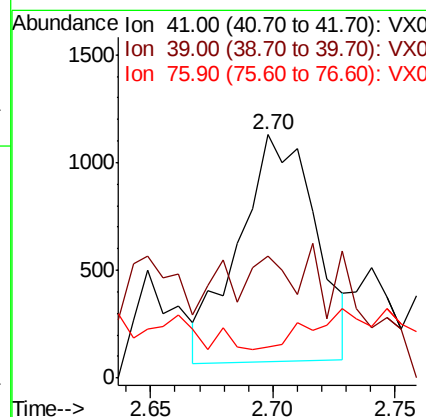
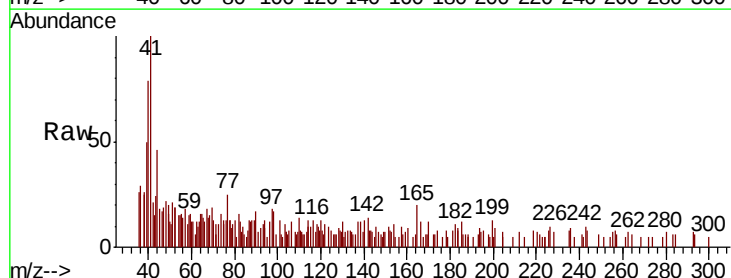
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

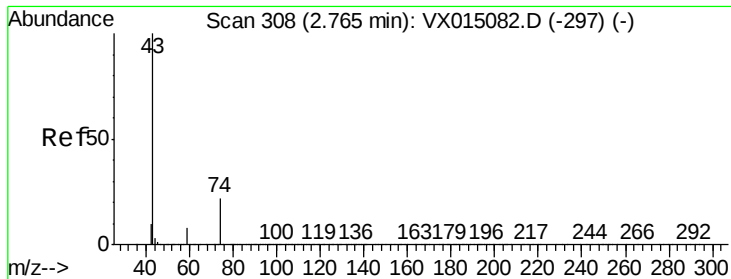
Tot Ion: 56 Resp: 223
Ion Ratio Lower Upper
56 100
55 135.4 55.4 83.0#



#14
Allyl chloride
Concen: 0.384 ug/l
RT: 2.70 min Scan# 297
Delta R.T. -0.02 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

Tgt Ion: 41 Resp: 2297
Ion Ratio Lower Upper
41 100
39 8.9 52.9 79.3#
76 0.0 26.8 40.2#

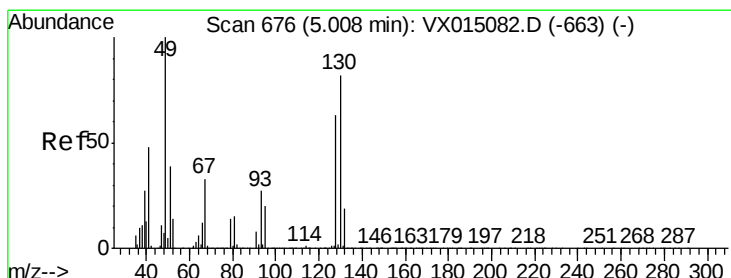
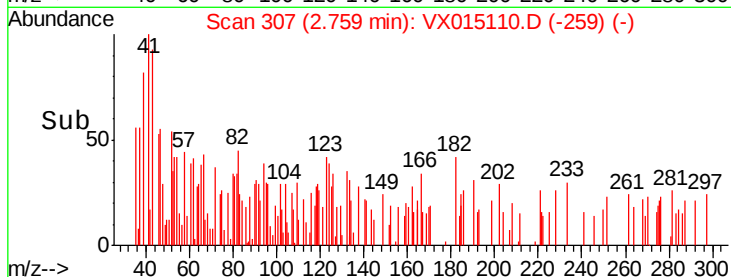
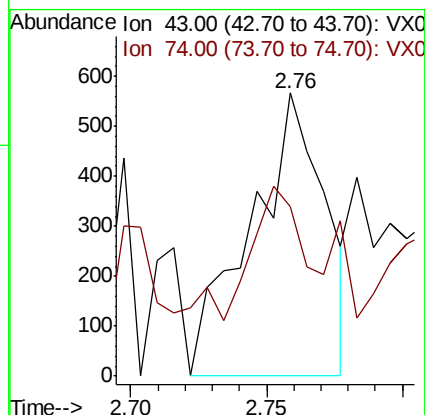
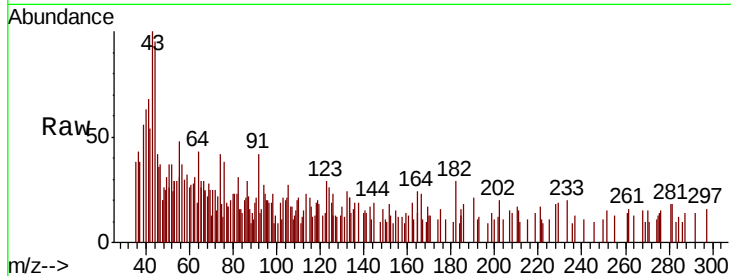




#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

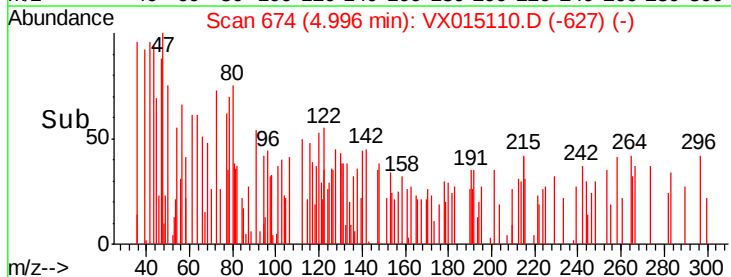
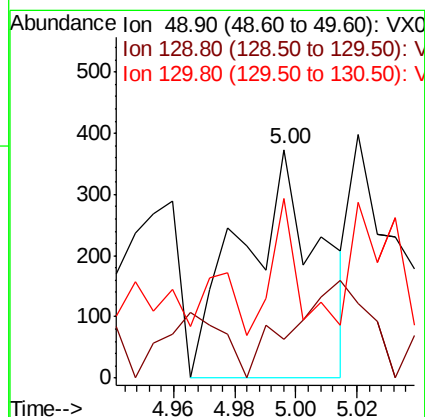
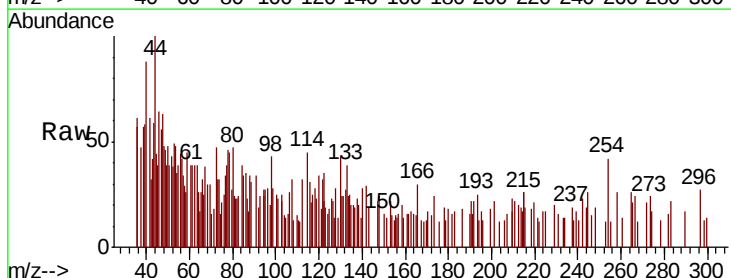
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

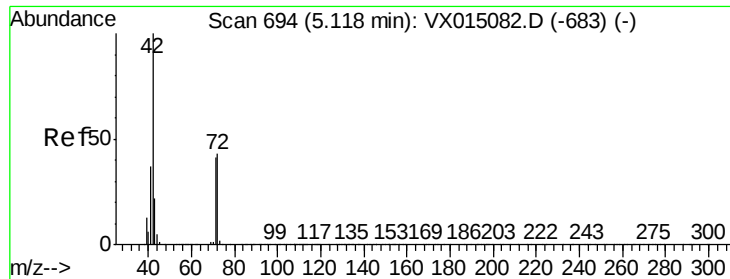
Tot Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
74 58.3 18.8 28.2#



#28
Bromochloromethane
Concen: 0.216 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

Tgt Ion: 49 Resp: 651
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 21.5 65.0 97.6#

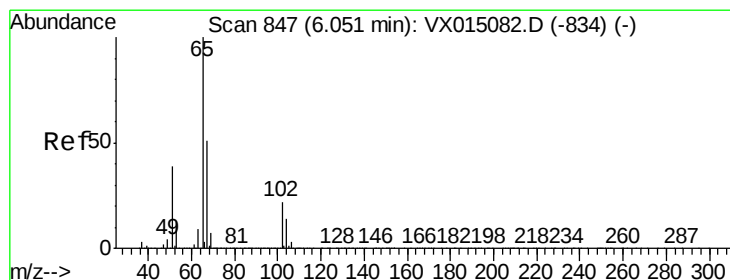
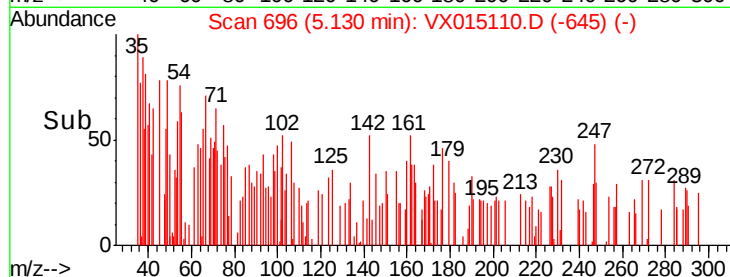
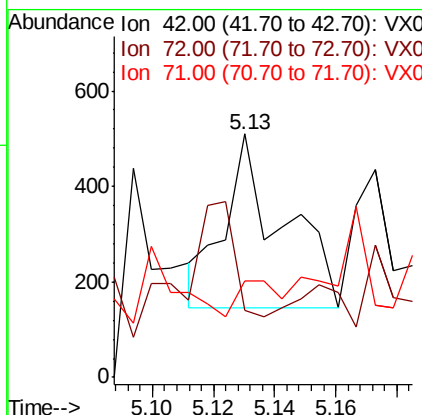
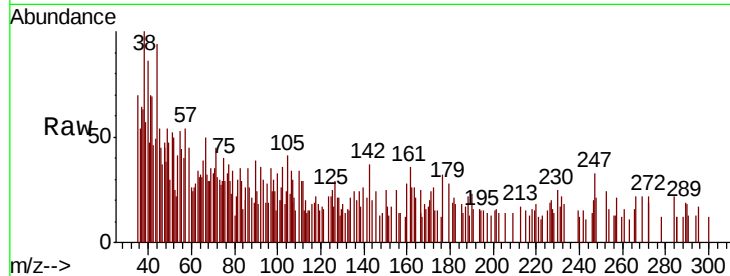




#29
Tetrahydrofuran
Concen: 0.297 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.01 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

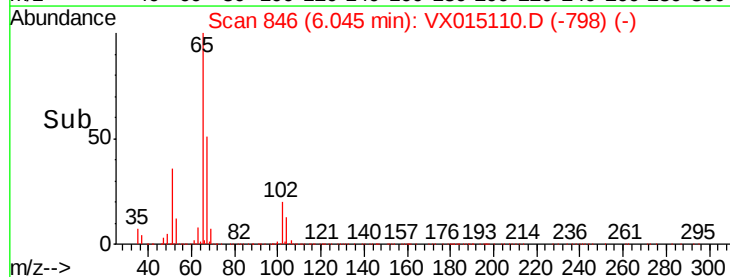
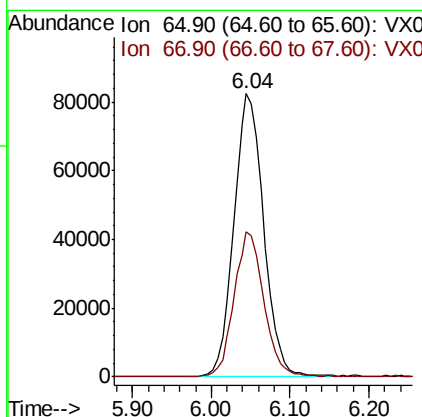
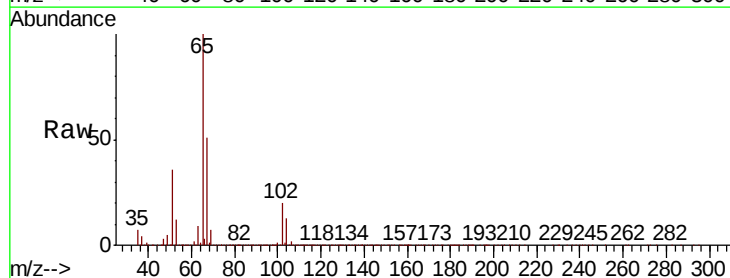
Instrument :
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ClientSampleId :
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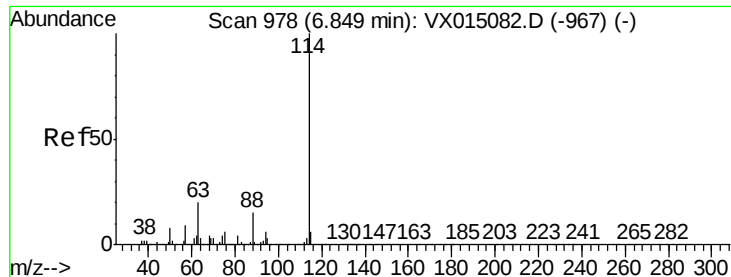
Tot Ion: 42 Resp: 476
Ion Ratio Lower Upper
42 100
72 73.9 36.4 54.6#
71 16.2 33.3 49.9#



#33
1,2-Dichloroethane-d4
Concen: 51.323 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

Tgt Ion: 65 Resp: 215189
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.6

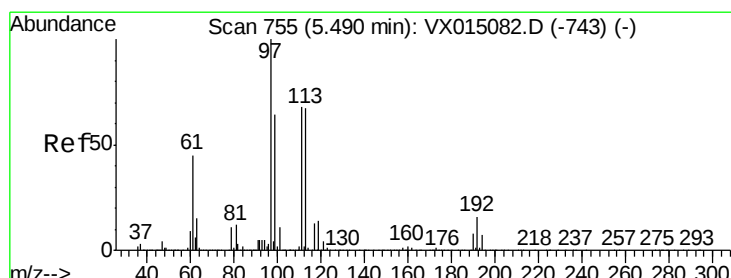
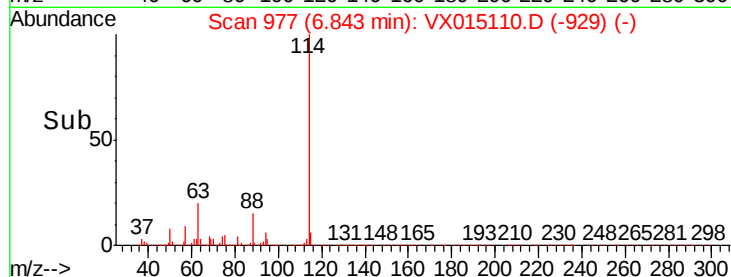
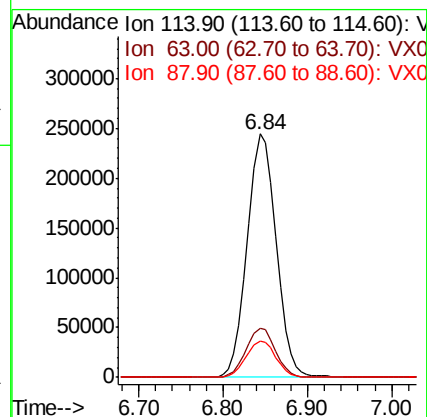
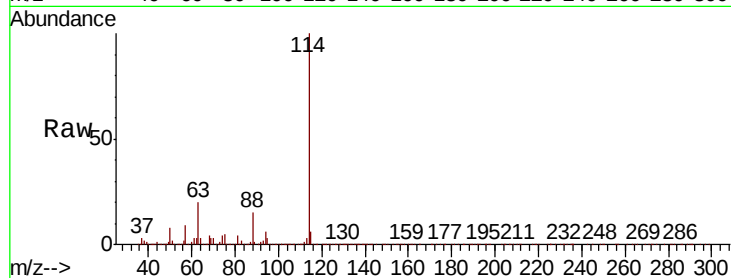




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

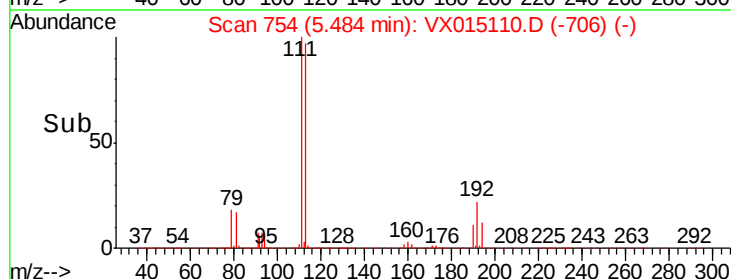
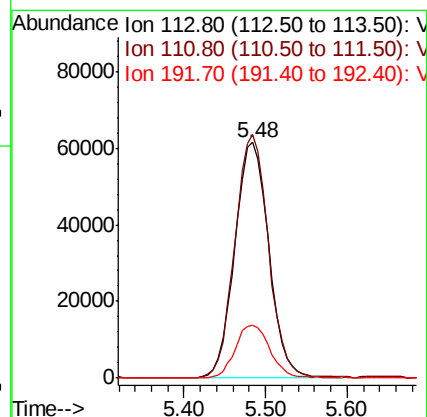
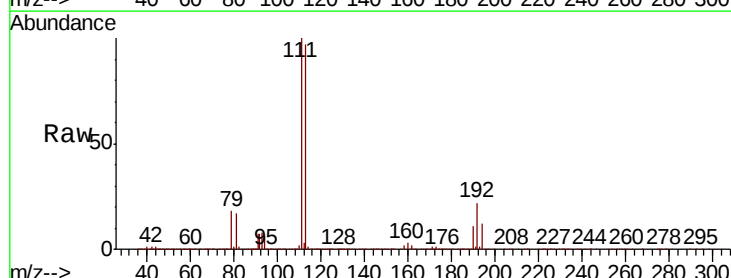
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ClientSampleId :
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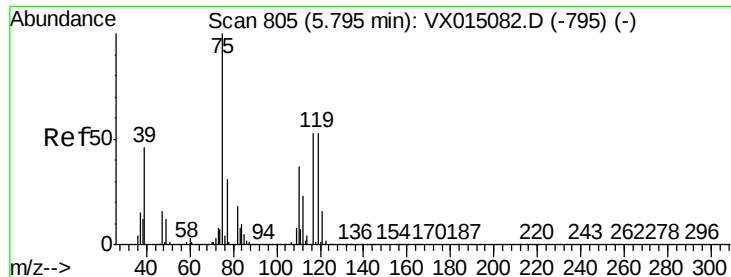
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.0
88	15.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.300 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	23.2	18.6	28.0





#36

1,1-Dichloropropene

Concen: 5.073 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX015110.D

Acq: 05 Mar 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

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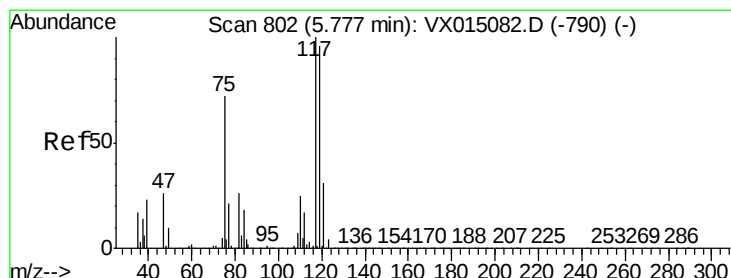
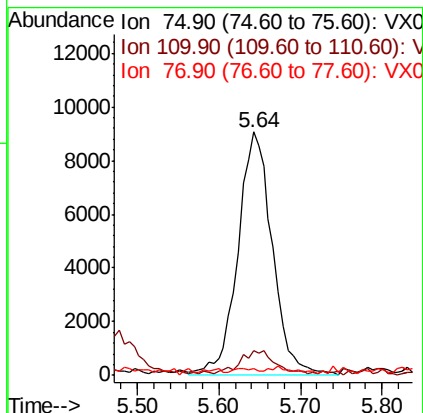
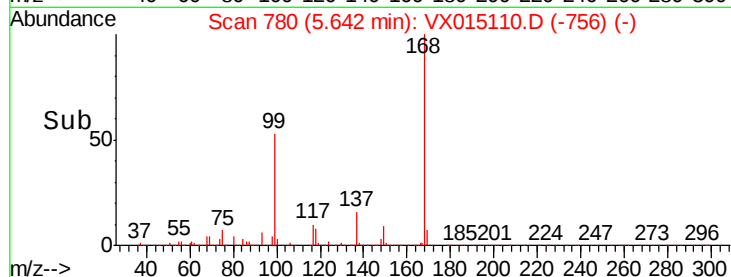
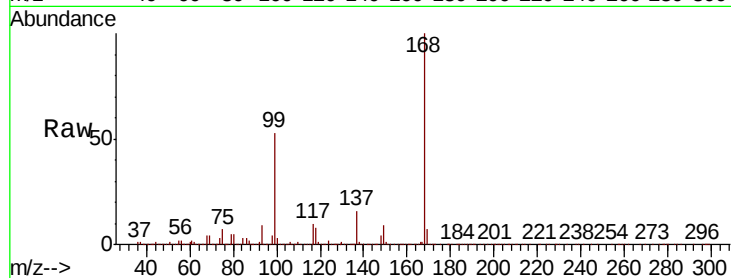
Tot Ion: 75 Resp: 26665

Ion Ratio Lower Upper

75 100

110 9.2 17.9 53.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.695 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX015110.D

Acq: 05 Mar 2020 15:56

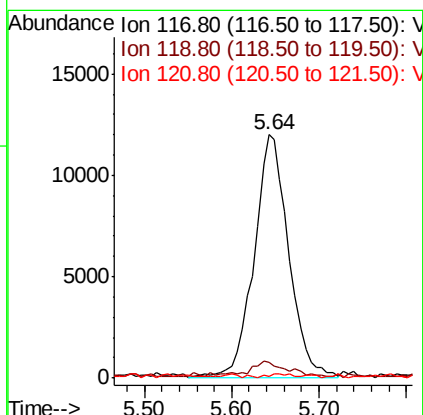
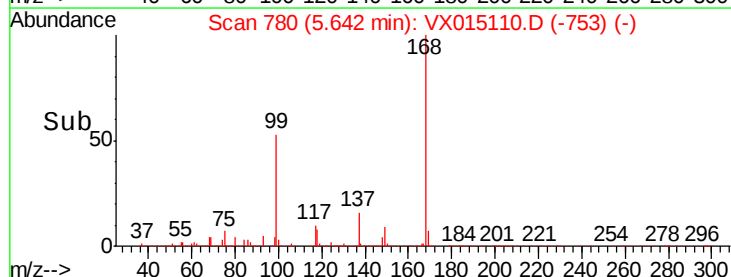
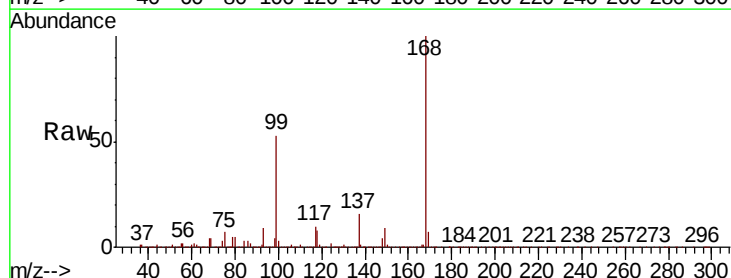
Tgt Ion: 117 Resp: 33221

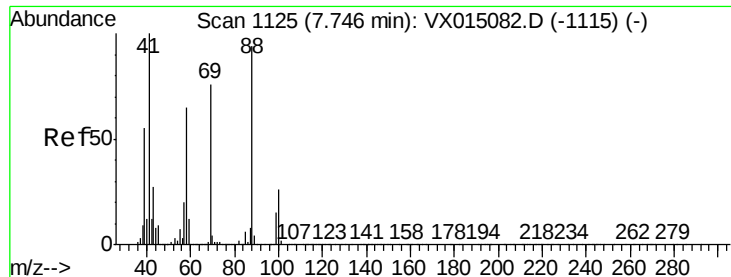
Ion Ratio Lower Upper

117 100

119 5.6 76.9 115.3#

121 0.0 24.6 37.0#

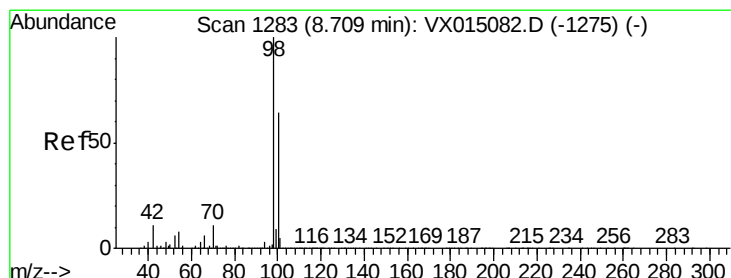
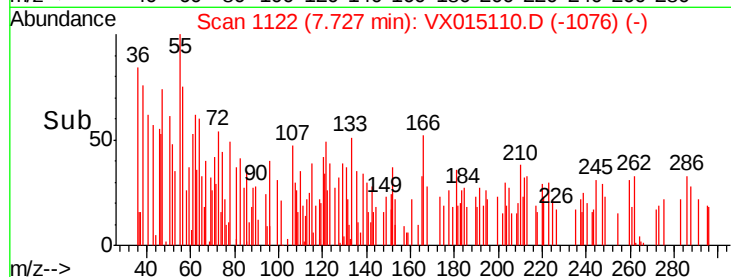
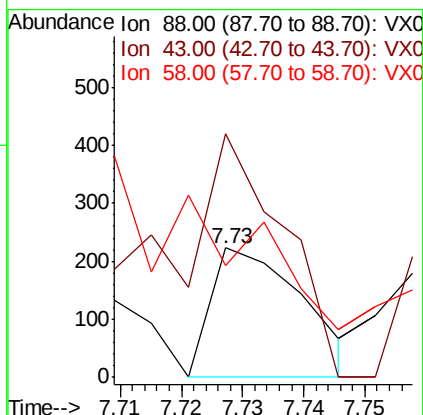
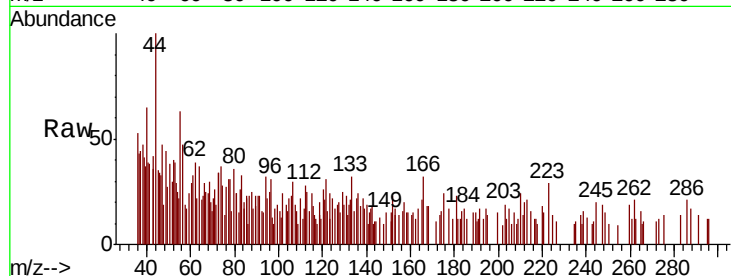




#49
1,4-Dioxane
Concen: 2.458 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

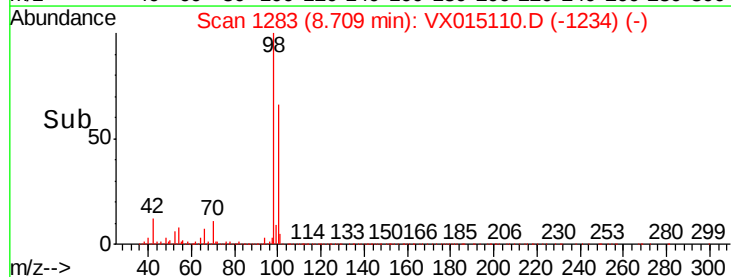
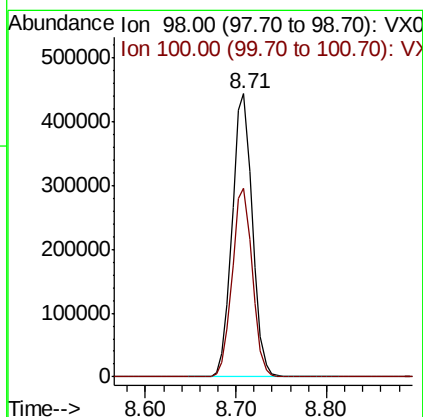
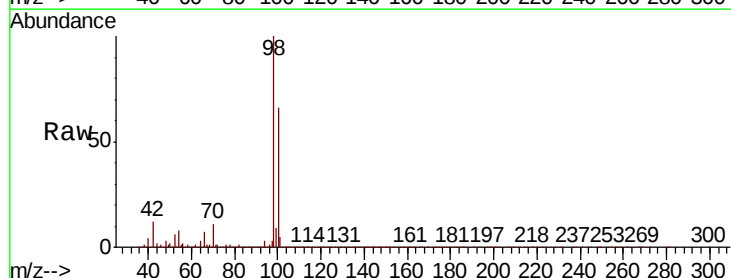
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

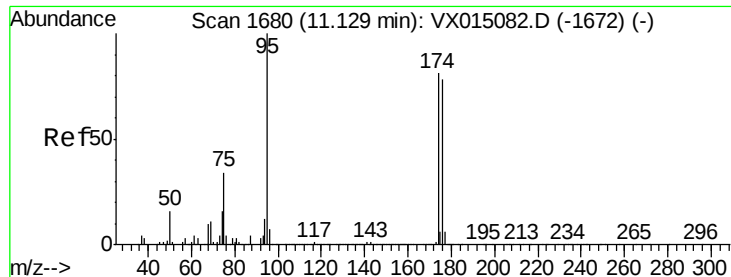
Tot Ion: 88 Resp: 232
Ion Ratio Lower Upper
88 100
43 148.7 27.0 40.4#
58 0.0 55.6 83.4#



#50
Toluene-d8
Concen: 50.340 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

Tgt Ion: 98 Resp: 686907
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 52.582 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015110.D

Acq: 05 Mar 2020 15:56

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

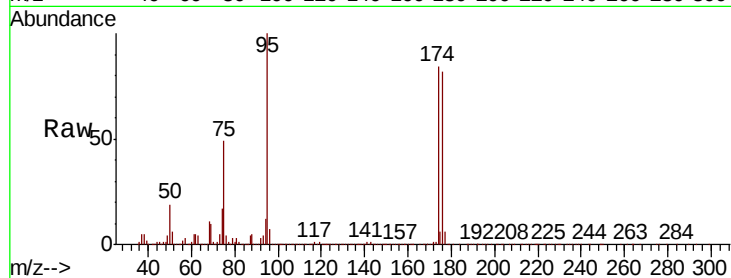
Tot Ion: 95 Resp: 255923

Ion Ratio Lower Upper

95 100

174 89.7 0.0 177.6

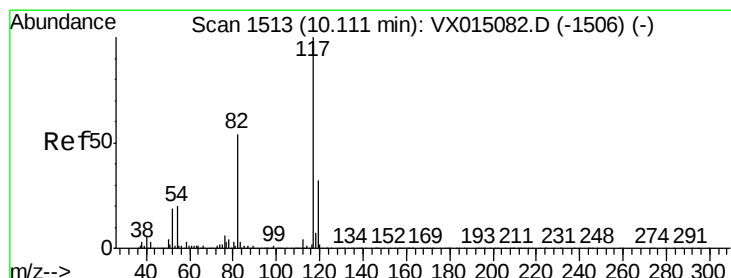
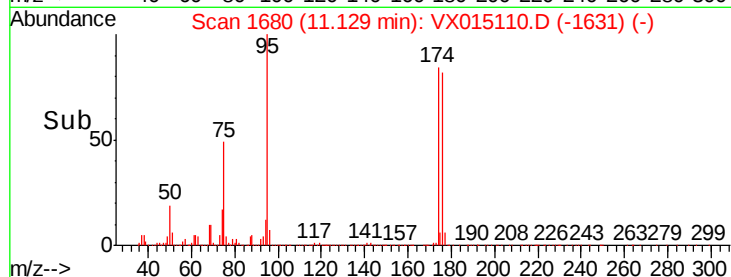
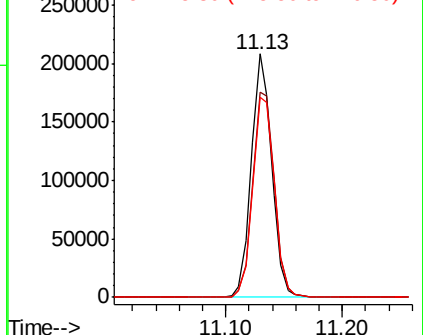
176 87.5 0.0 170.2



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: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX015110.D

Acq: 05 Mar 2020 15:56

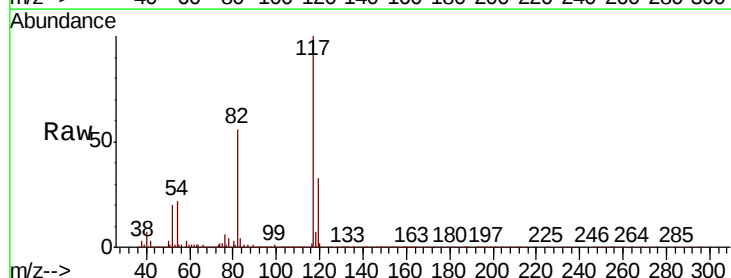
Tgt Ion: 117 Resp: 549019

Ion Ratio Lower Upper

117 100

82 56.3 43.3 64.9

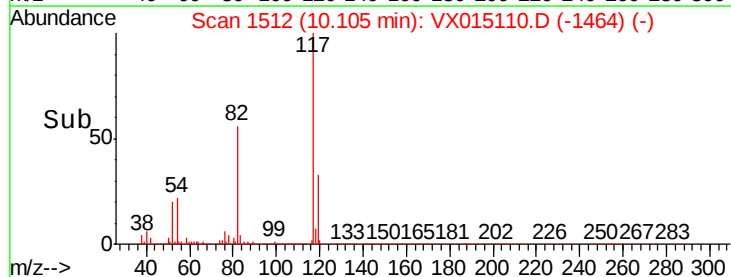
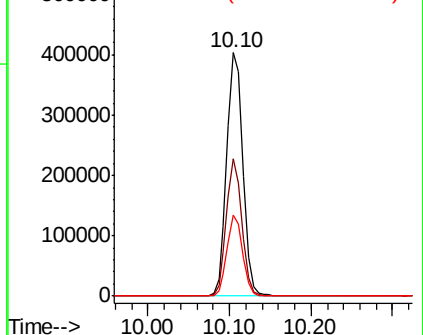
119 33.0 25.8 38.8

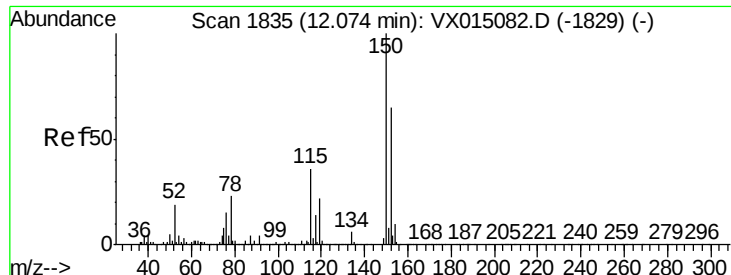


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



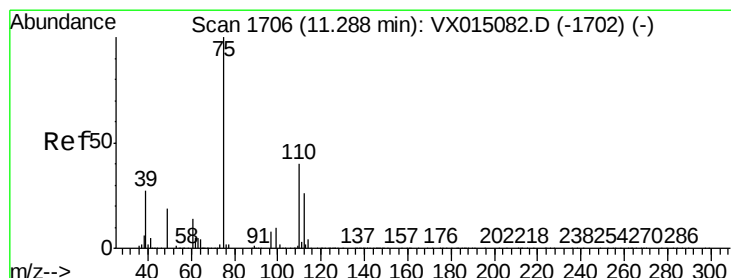
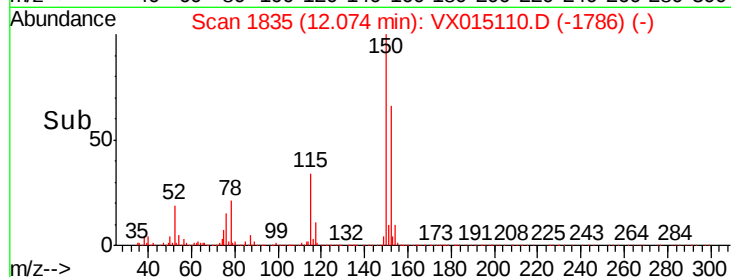
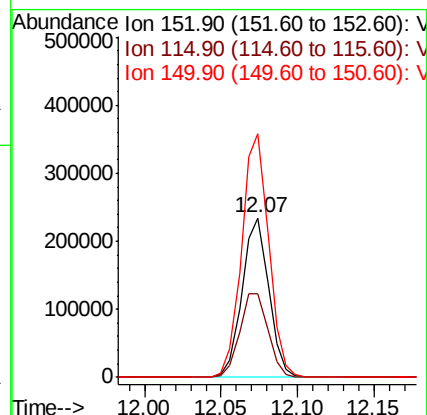
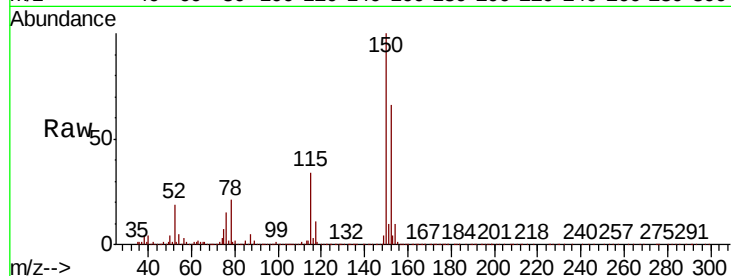


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

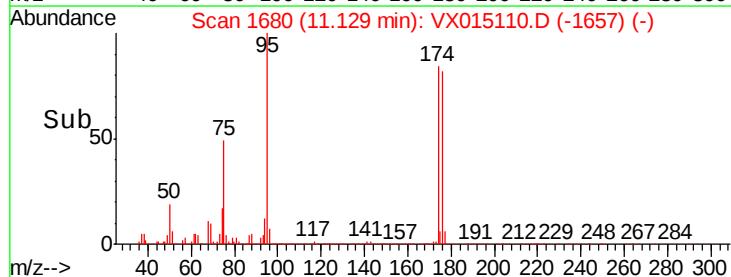
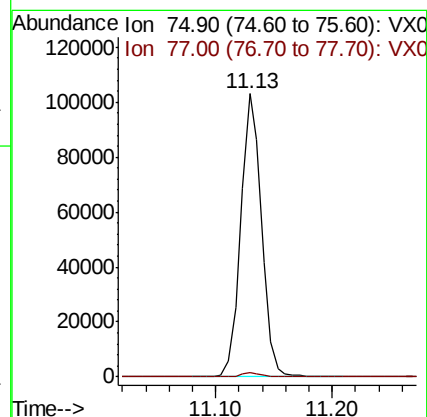
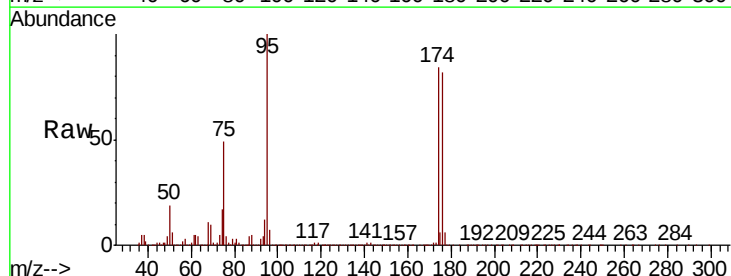
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	38.2	114.6
150	155.0	0.0	343.8

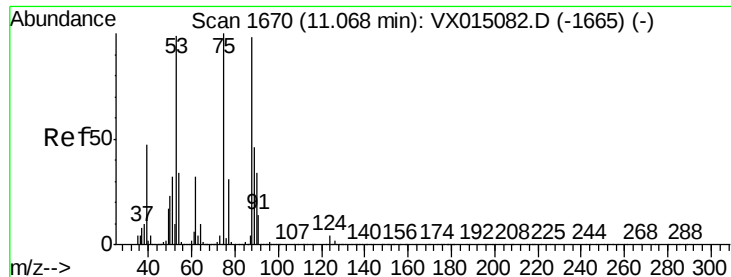


#76

1,2,3-Trichloropropane
Concen: 22.705 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.6	67.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 64.436 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015110.D

Acq: 05 Mar 2020 15:56

Instrument :

MSVOA_X

ClientSampled :

TRIP-BLANK

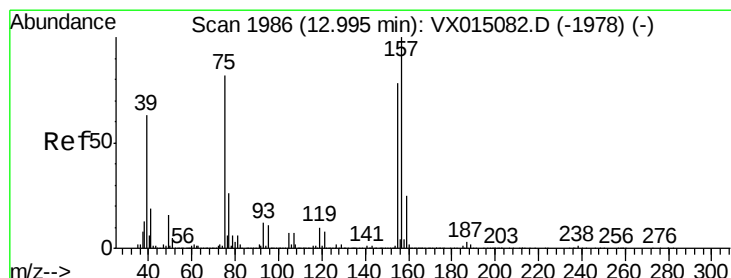
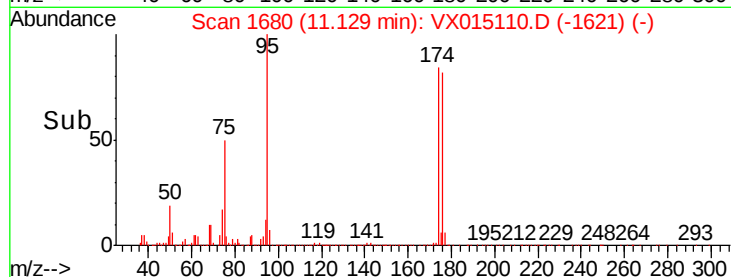
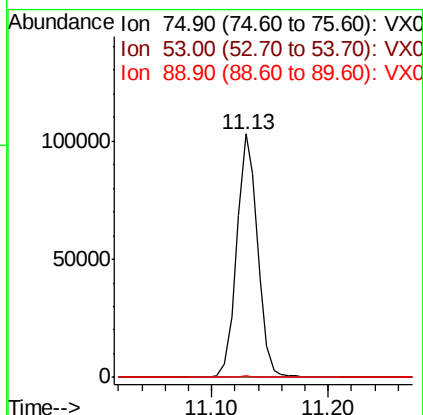
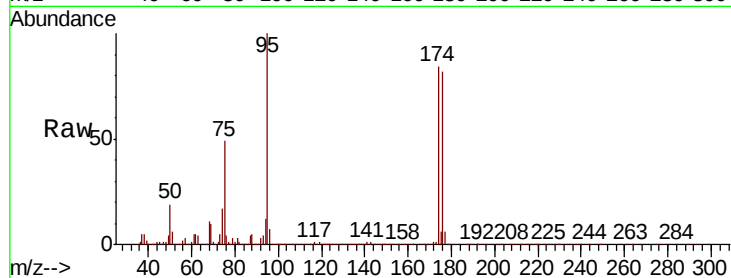
Tot Ion: 75 Resp: 127941

Ion Ratio Lower Upper

75 100

53 0.2 77.9 116.9#

89 0.2 36.2 54.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.243 ug/l

RT: 13.09 min Scan# 2001

Delta R.T. 0.09 min

Lab File: VX015110.D

Acq: 05 Mar 2020 15:56

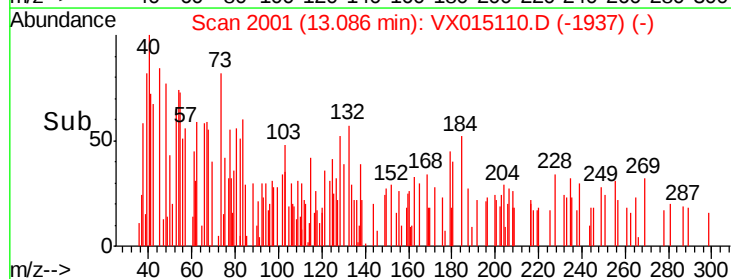
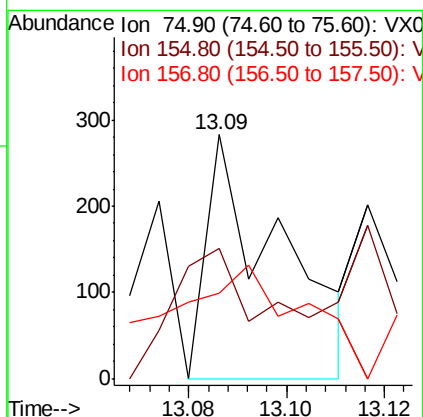
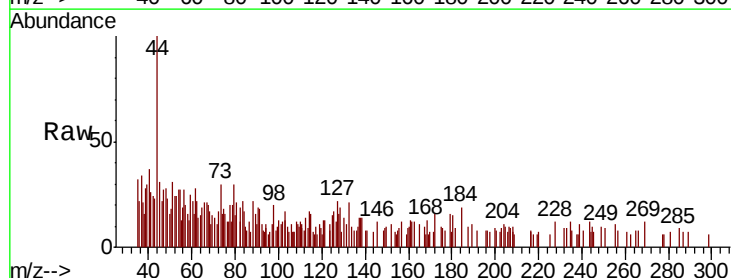
Tgt Ion: 75 Resp: 293

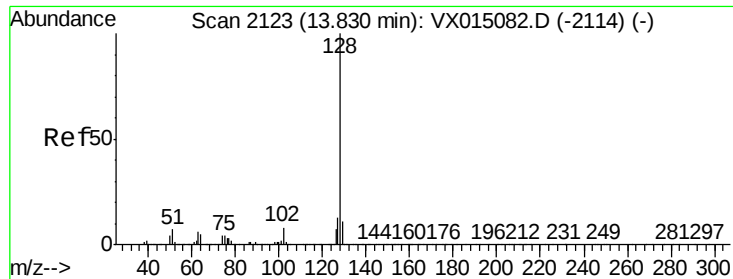
Ion Ratio Lower Upper

75 100

155 70.3 46.6 139.7

157 85.7 59.2 177.5





#95
Naphthalene
Concen: 1.462 ug/l
RT: 13.84 min Scan# 2124
Delta R.T. 0.01 min
Lab File: VX015110.D
Acq: 05 Mar 2020 15:56

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tot Ion	Ratio	Lower	Upper
128	100		
127	31.7	10.3	15.5#
129	0.0	8.6	13.0#

