

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010320\
 Data File : VX014393.D
 Acq On : 03 Jan 2020 12:04
 Operator : JC/SP
 Sample : VX0103MBL01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBL01

Quant Time: Jan 06 02:28:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	583220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	890786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	801574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	359653	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	318771	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
35) Dibromofluoromethane	5.49	113	263742	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	1052806	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	358425	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	

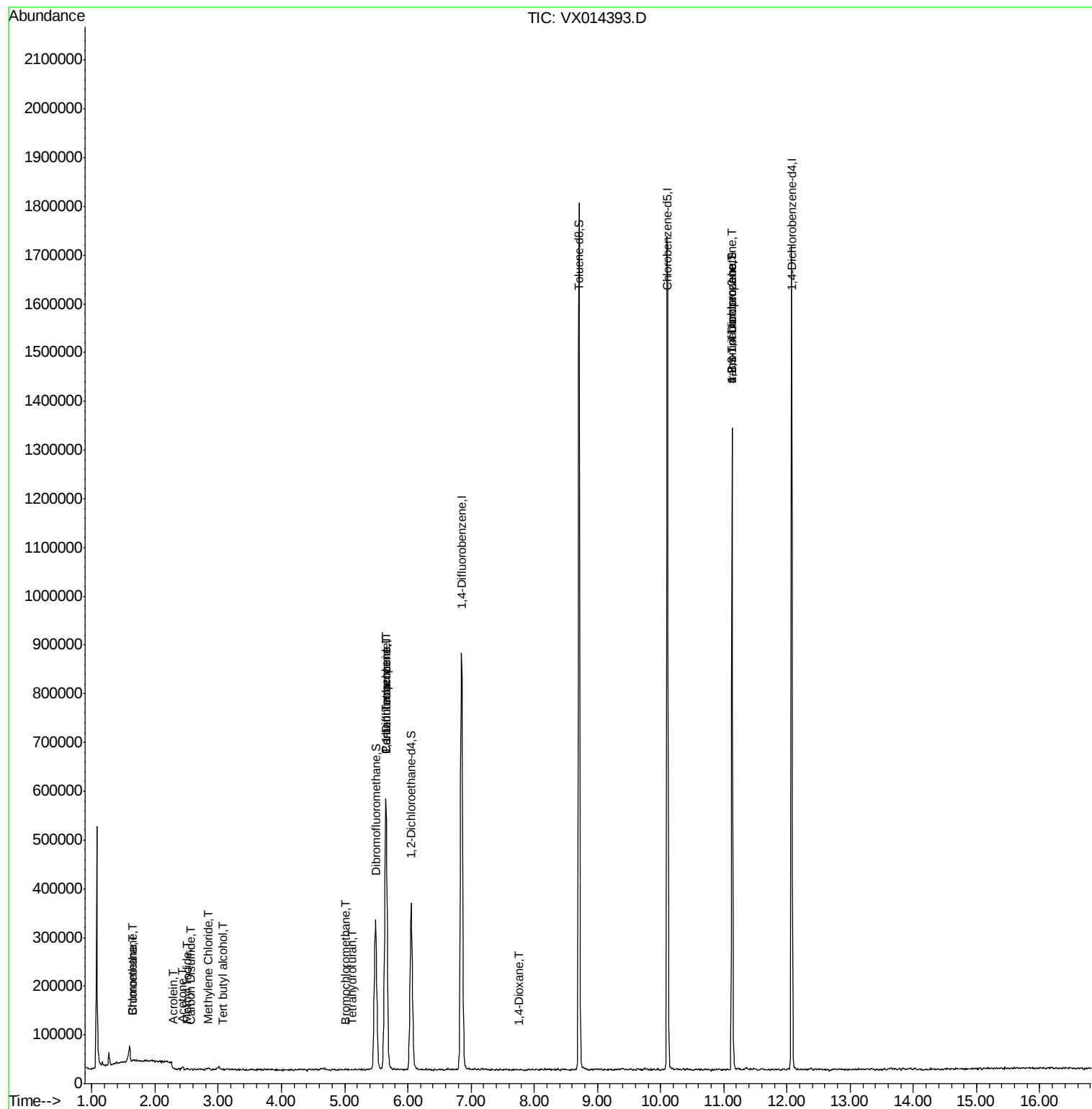
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1852	0.353	ug/l	97
6) Chloroethane	1.65	64	1792	0.393	ug/l #	66
10) Methyl Iodide	2.51	142	1614	2.831	ug/l #	79
11) Tert butyl alcohol	3.08	59	286	0.200	ug/l #	1
13) Acrolein	2.28	56	860	1.052	ug/l #	66
16) Acetone	2.44	43	6143	1.432	ug/l	94
17) Carbon Disulfide	2.57	76	1929	0.872	ug/l #	44
20) Methylene Chloride	2.84	84	2307	0.341	ug/l #	84
28) Bromochloromethane	5.01	49	592	0.591	ug/l #	56
29) Tetrahydrofuran	5.12	42	975	0.329	ug/l #	66
36) 1,1-Dichloropropene	5.65	75	39671	4.854	ug/l #	49
38) Carbon Tetrachloride	5.65	117	51650	6.937	ug/l #	15
49) 1,4-Dioxane	7.76	88	93	0.625	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	171705	21.991	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	171705	62.070	ug/l #	11

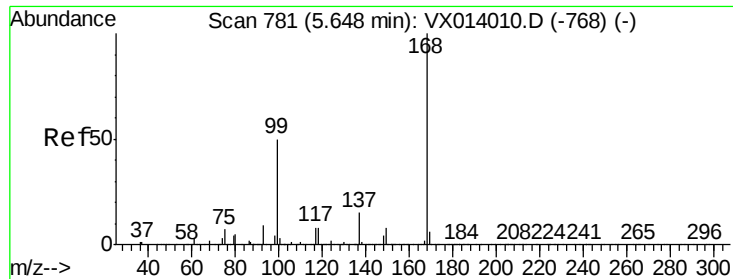
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010320\
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Instrument :
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ClientSampleId :
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Quant Time: Jan 06 02:28:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014393.D

Acq: 03 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

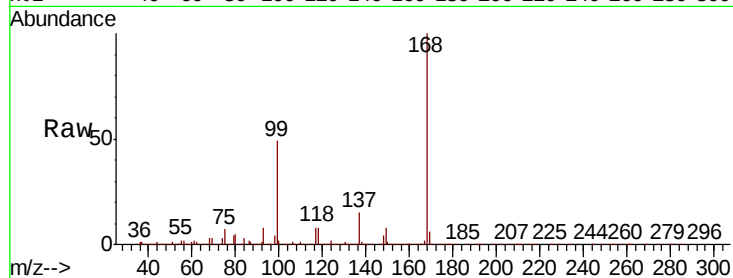
VX0103MBL01

Tot Ion:168 Resp: 583220

Ion Ratio Lower Upper

168 100

99 48.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

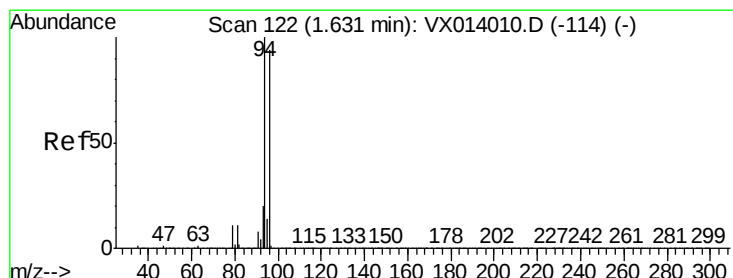
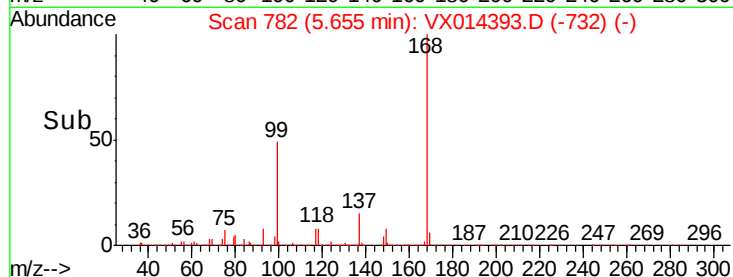
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.353 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014393.D

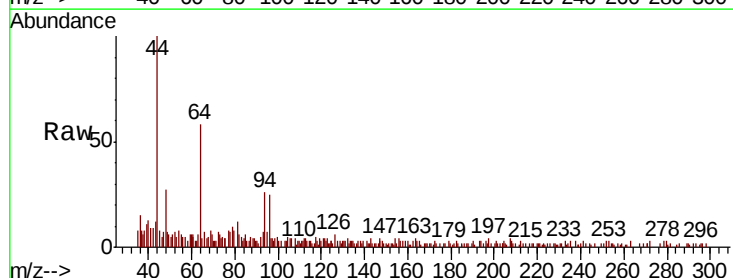
Acq: 03 Jan 2020 12:04

Tgt Ion: 94 Resp: 1852

Ion Ratio Lower Upper

94 100

96 91.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1200

1000

800

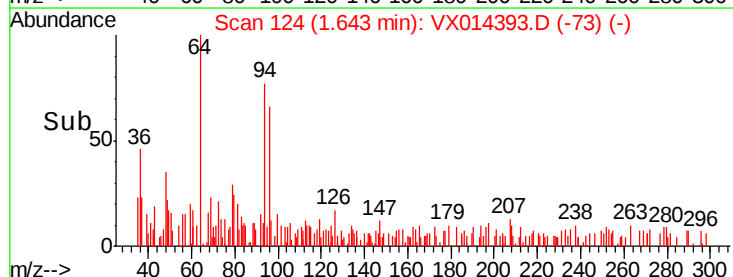
600

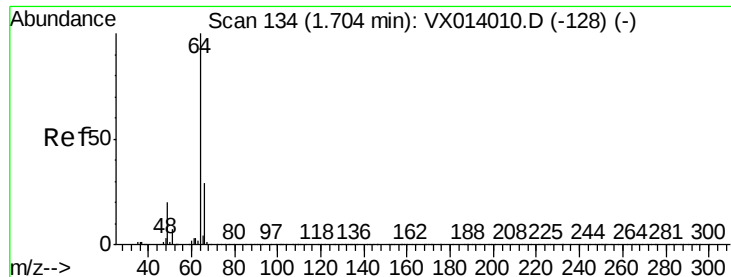
400

200

0

Time-->





#6

Chloroethane

Concen: 0.393 ug/l

RT: 1.65 min Scan# 125

Delta R.T. -0.05 min

Lab File: VX014393.D

Acq: 03 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

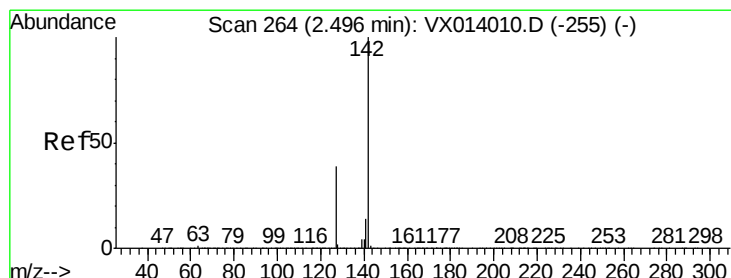
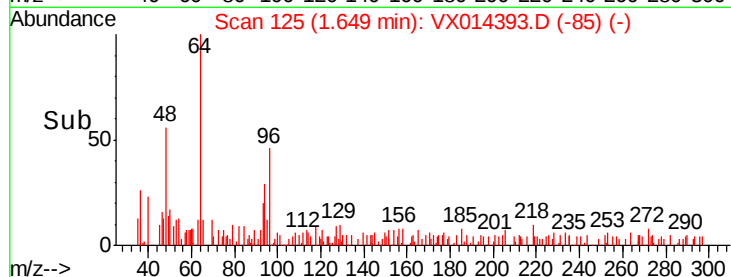
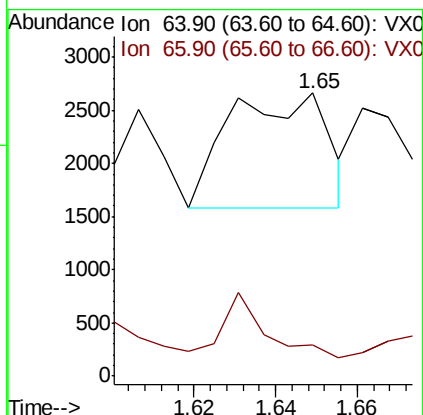
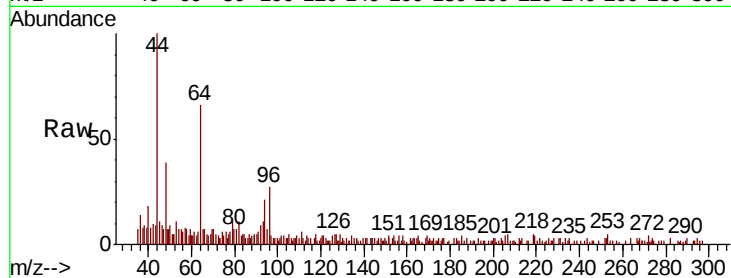
VX0103MBL01

Tot Ion: 64 Resp: 1792

Ion Ratio Lower Upper

64 100

66 10.9 23.4 35.2#



#10

Methyl Iodide

Concen: 2.831 ug/l

RT: 2.51 min Scan# 267

Delta R.T. 0.02 min

Lab File: VX014393.D

Acq: 03 Jan 2020 12:04

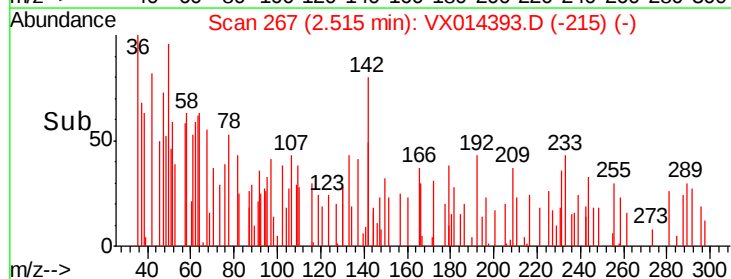
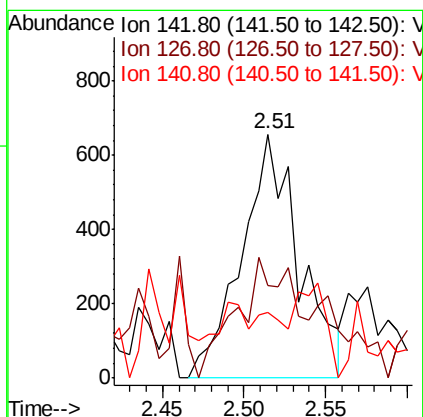
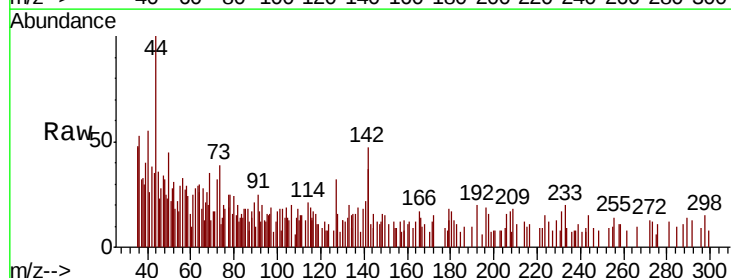
Tgt Ion: 142 Resp: 1614

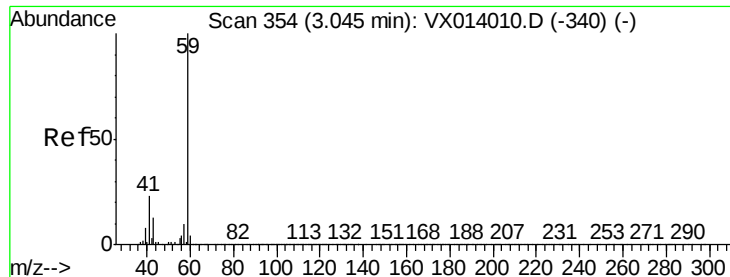
Ion Ratio Lower Upper

142 100

127 48.9 31.6 47.4#

141 0.0 11.6 17.4#

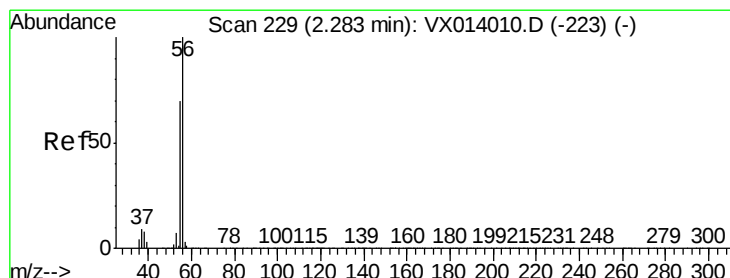
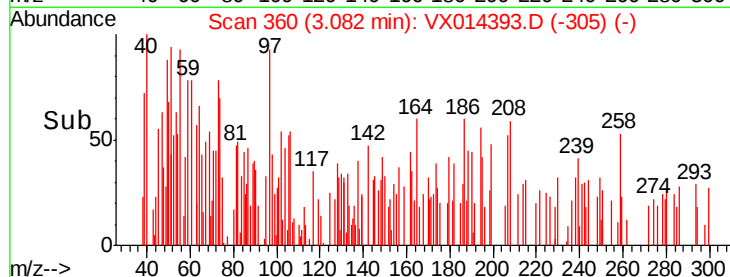
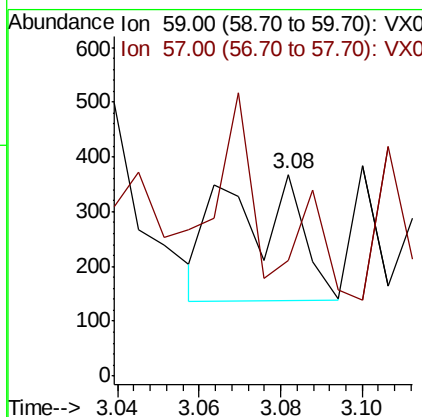
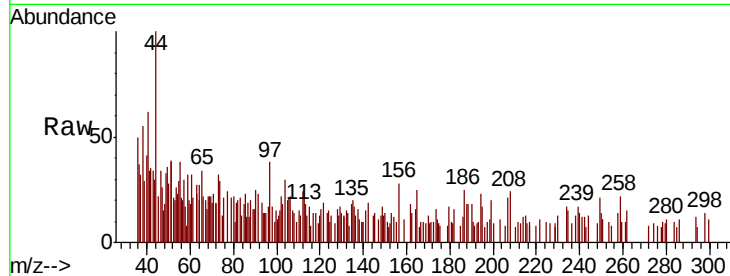




#11
Tert butyl alcohol
Concen: 0.200 ug/l
RT: 3.08 min Scan# 360
Delta R.T. 0.04 min
Lab File: VX014393.D
Acq: 03 Jan 2020 12:04

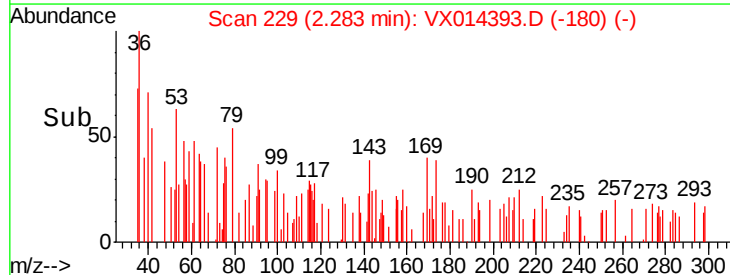
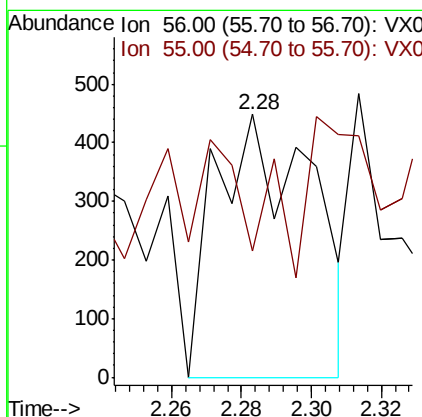
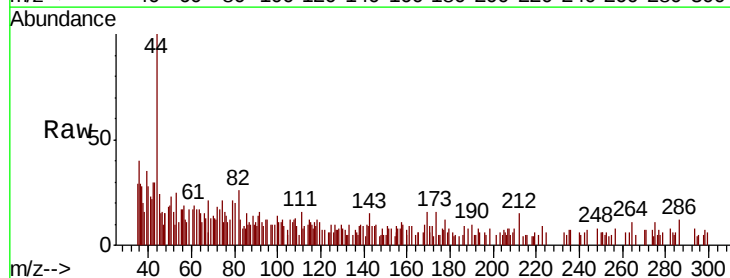
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBL01

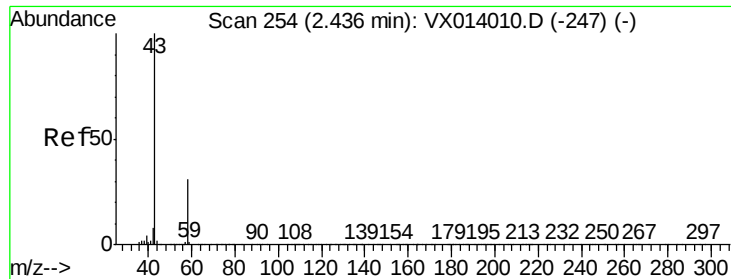
Tot Ion: 59 Resp: 286
Ion Ratio Lower Upper
59 100
57 53.5 8.4 12.6#



#13
Acrolein
Concen: 1.052 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014393.D
Acq: 03 Jan 2020 12:04

Tgt Ion: 56 Resp: 860
Ion Ratio Lower Upper
56 100
55 43.1 56.9 85.3#





#16

Acetone

Concen: 1.432 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014393.D

Acq: 03 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

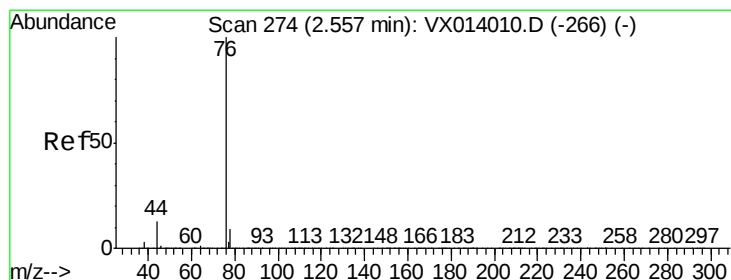
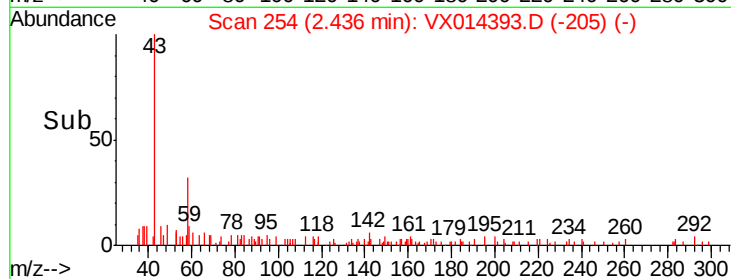
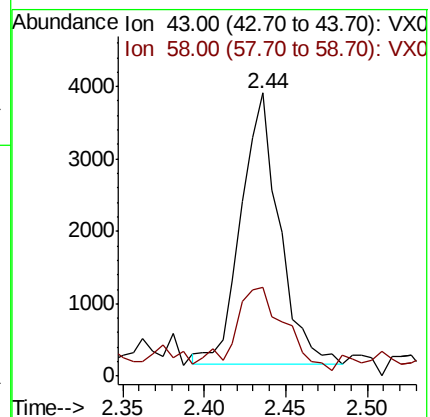
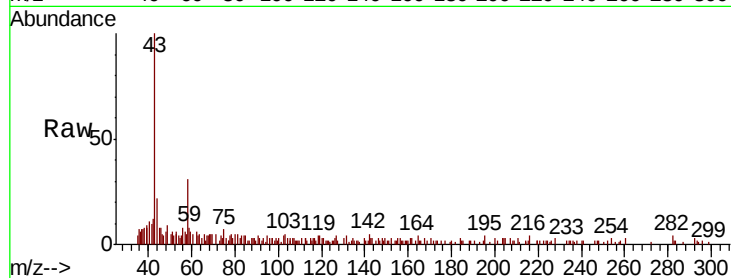
VX0103MBL01

Tot Ion: 43 Resp: 6143

Ion Ratio Lower Upper

43 100

58 28.0 24.9 37.3



#17

Carbon Disulfide

Concen: 0.872 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX014393.D

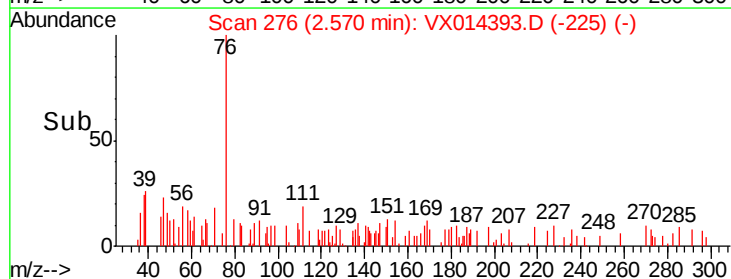
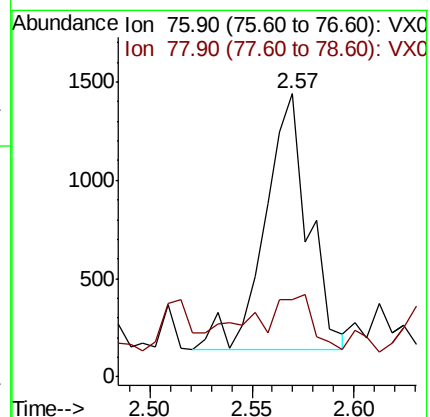
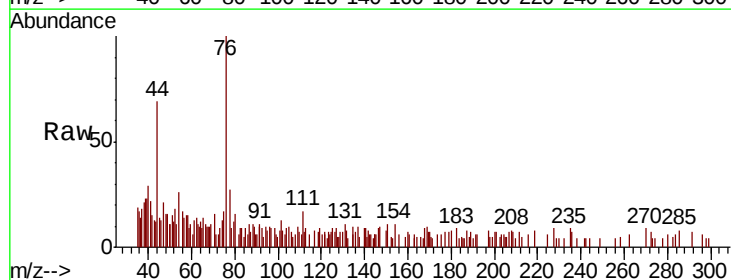
Acq: 03 Jan 2020 12:04

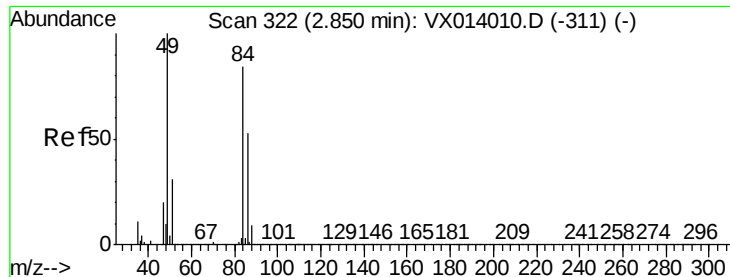
Tgt Ion: 76 Resp: 1929

Ion Ratio Lower Upper

76 100

78 29.2 7.2 10.8#

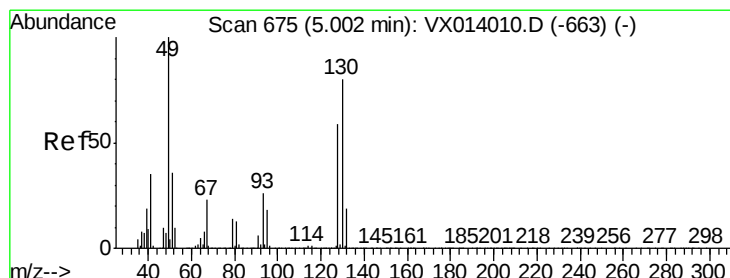
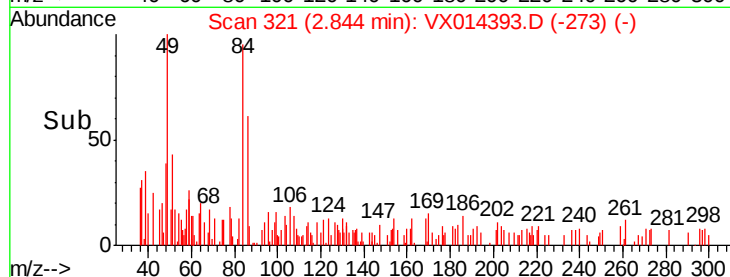
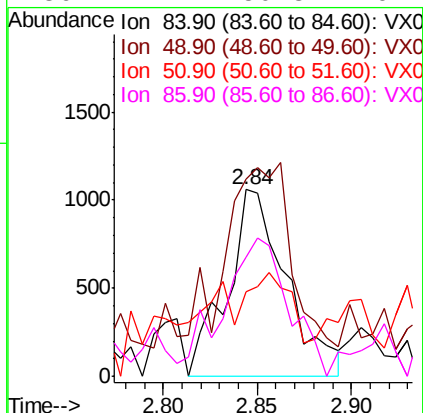
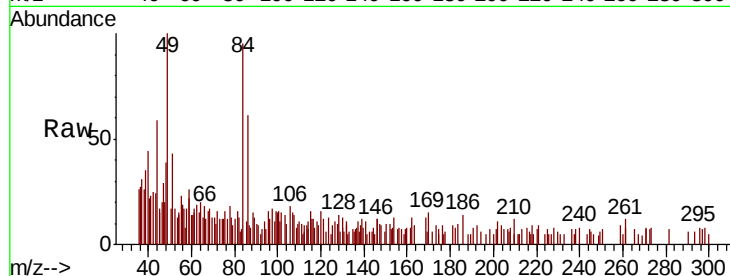




#20
Methvlene Chloride
Concen: 0.341 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014393.D
Acq: 03 Jan 2020 12:04

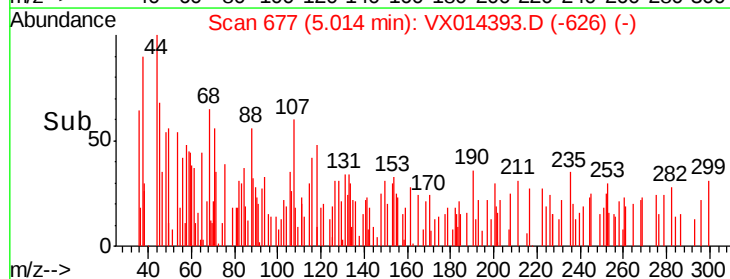
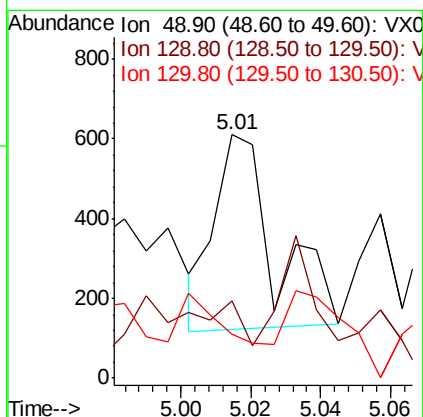
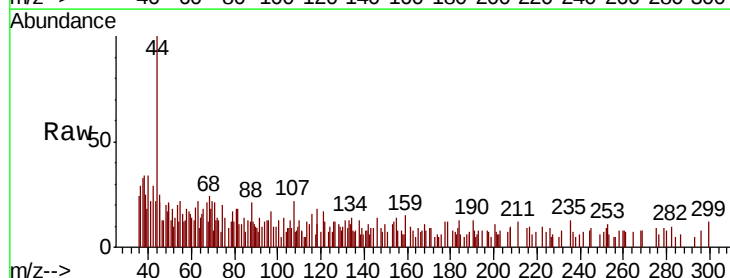
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBL01

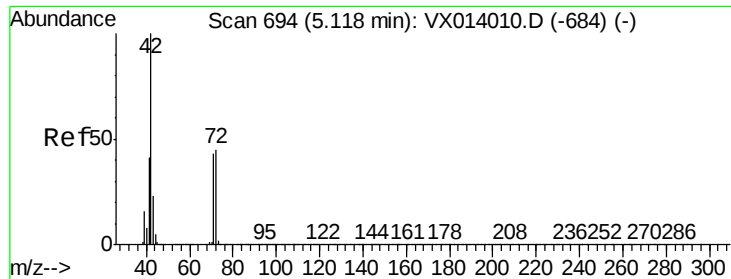
Tot Ion:	84	Resp:	2307
Ion	Ratio	Lower	Upper
84	100		
49	106.5	95.8	143.6
51	19.3	29.8	44.8#
86	74.7	50.8	76.2



#28
Bromochloromethane
Concen: 0.591 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX014393.D
Acq: 03 Jan 2020 12:04

Tgt Ion:	49	Resp:	592
Ion	Ratio	Lower	Upper
49	100		
129	28.5	0.0	5.0#
130	42.6	64.6	97.0#





#29

Tetrahydrofuran

Concen: 0.329 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX014393.D

Acq: 03 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0103MBL01

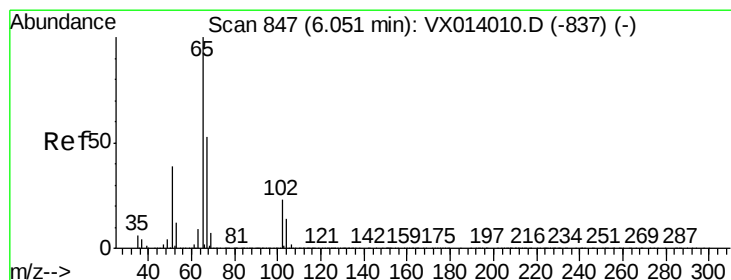
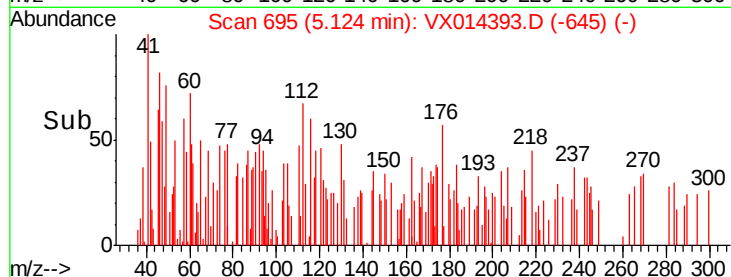
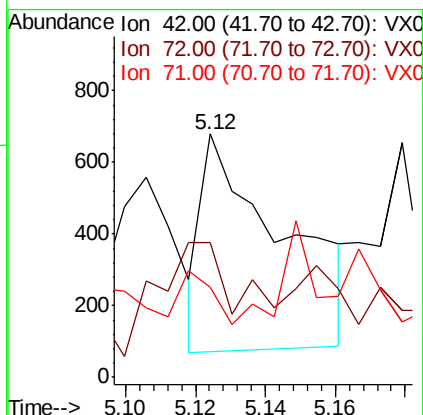
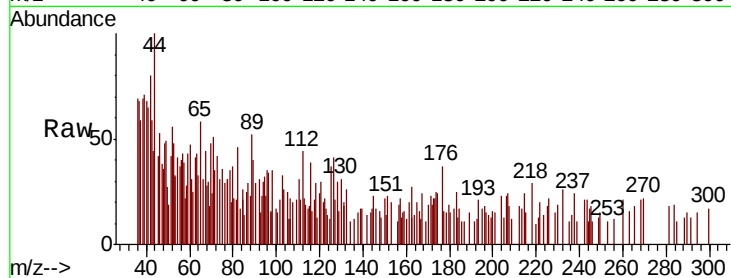
Tot Ion: 42 Resp: 975

Ion Ratio Lower Upper

42 100

72 56.0 35.8 53.8#

71 9.5 33.6 50.4#



#33

1,2-Dichloroethane-d4

Concen: 48.226 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014393.D

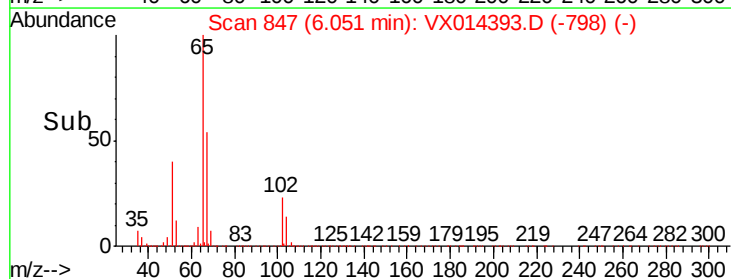
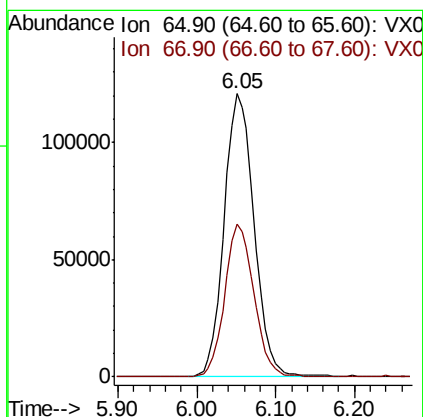
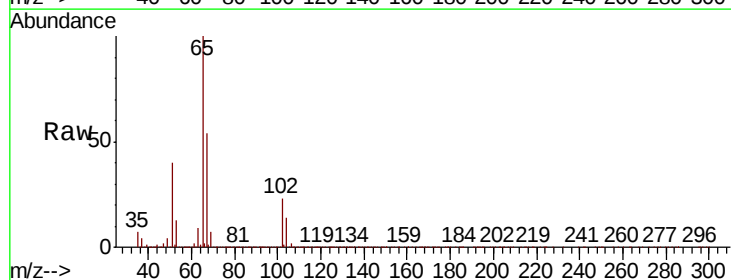
Acq: 03 Jan 2020 12:04

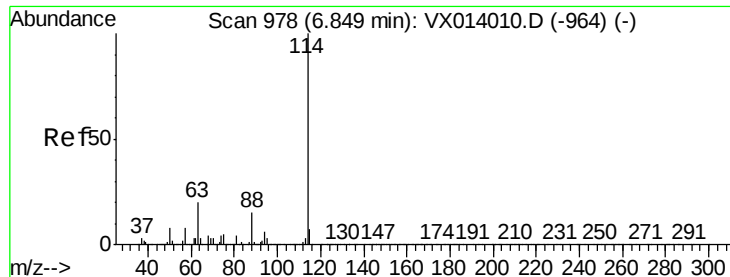
Tgt Ion: 65 Resp: 318771

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014393.D

Acq: 03 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBL01

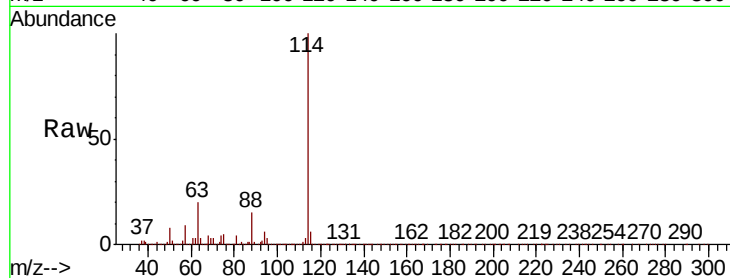
Tot Ion:114 Resp: 890786

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

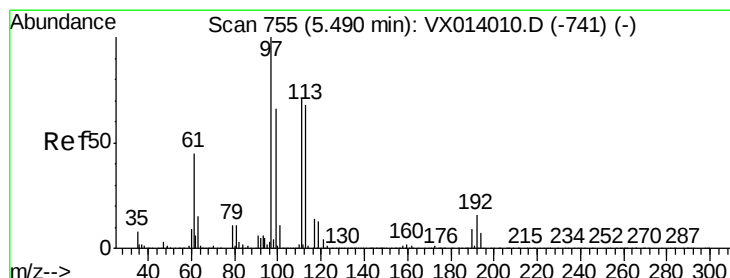
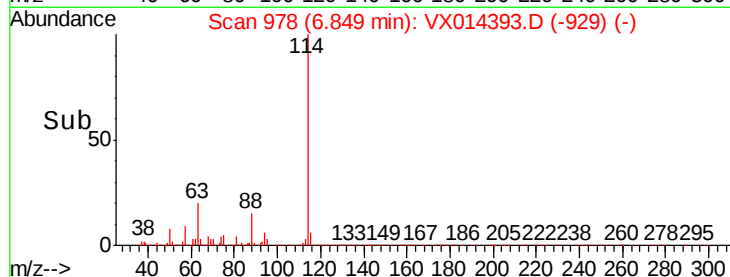
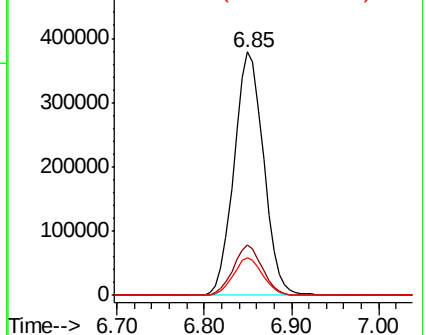
88 15.4 0.0 30.4



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: 48.706 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014393.D

Acq: 03 Jan 2020 12:04

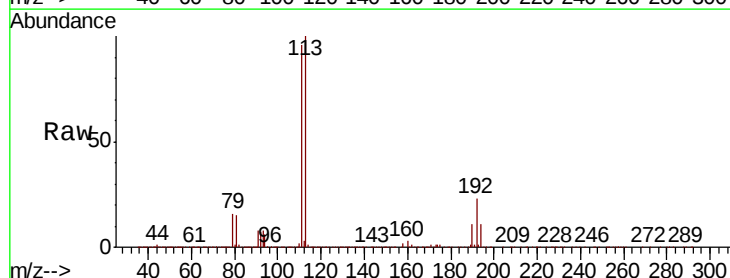
Tgt Ion:113 Resp: 263742

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

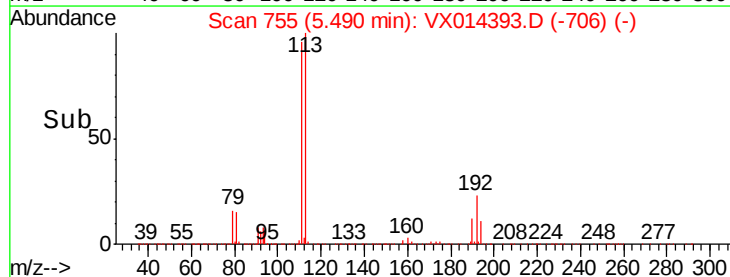
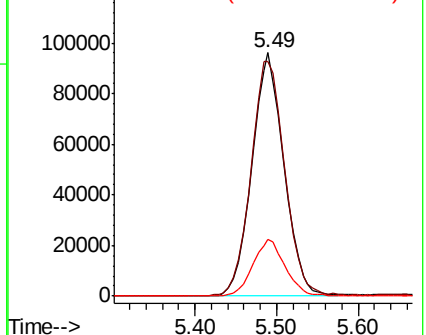
192 23.5 19.3 28.9

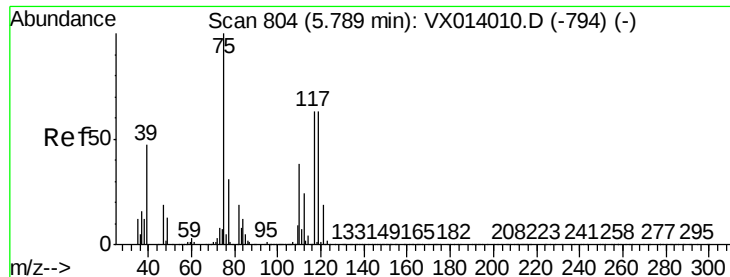


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.854 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX014393.D

Acq: 03 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBL01

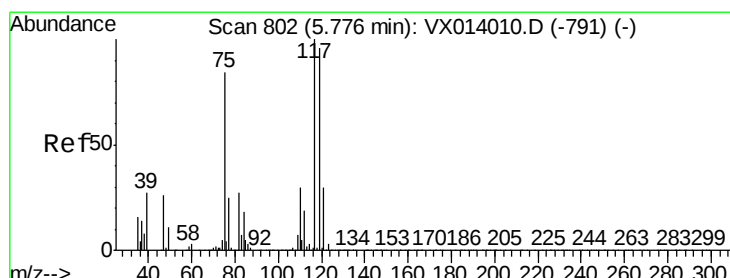
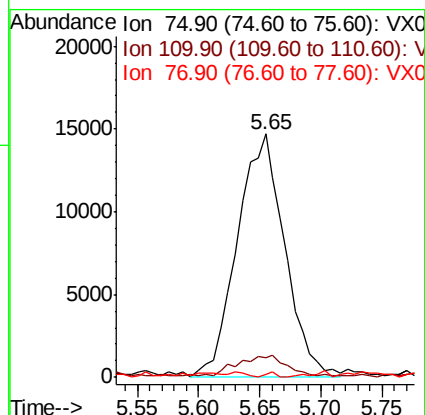
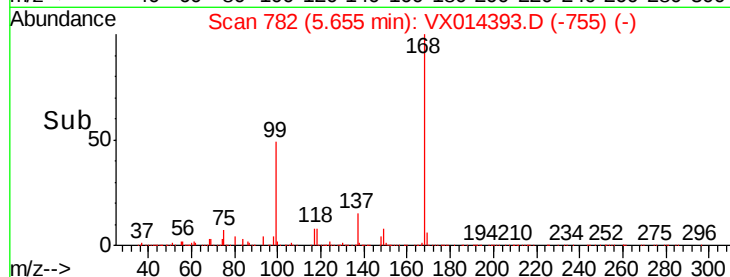
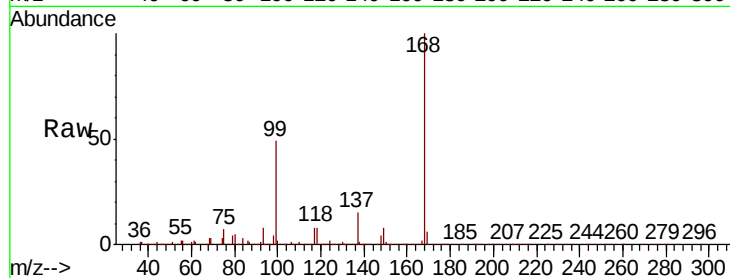
Tot Ion: 75 Resp: 39671

Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.9#

77 0.5 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.937 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014393.D

Acq: 03 Jan 2020 12:04

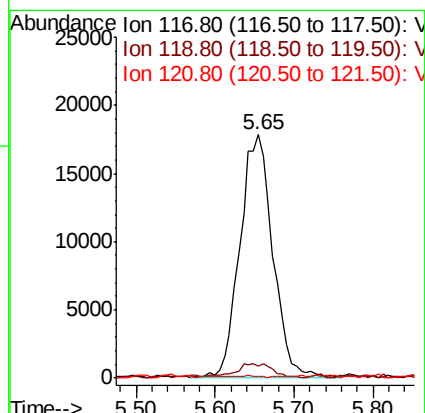
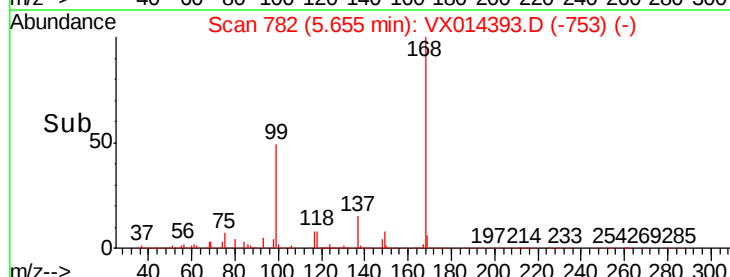
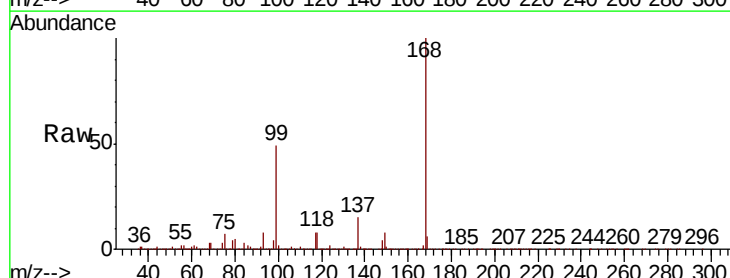
Tgt Ion: 117 Resp: 51650

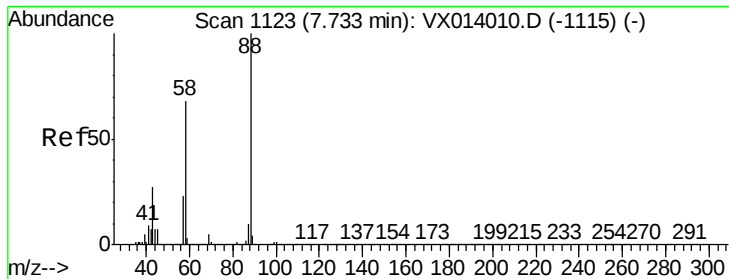
Ion Ratio Lower Upper

117 100

119 3.6 76.2 114.4#

121 0.7 23.6 35.4#





#49

1,4-Dioxane

Concen: 0.625 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.03 min

Lab File: VX014393.D

Acq: 03 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0103MBL01

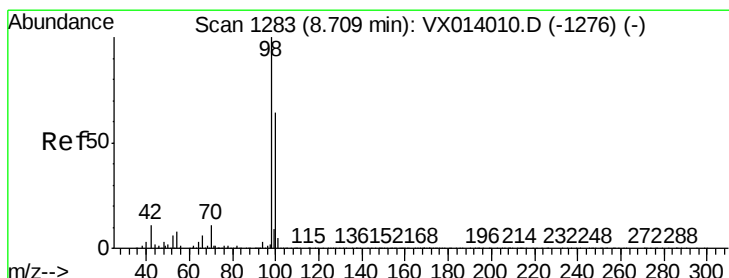
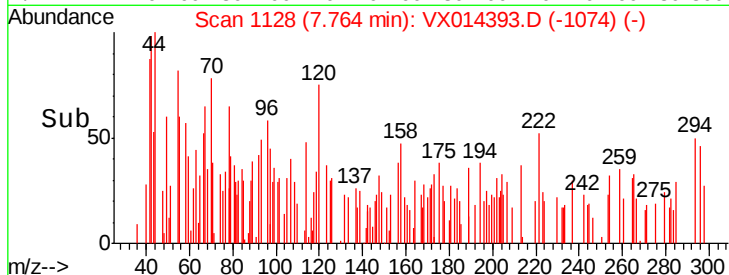
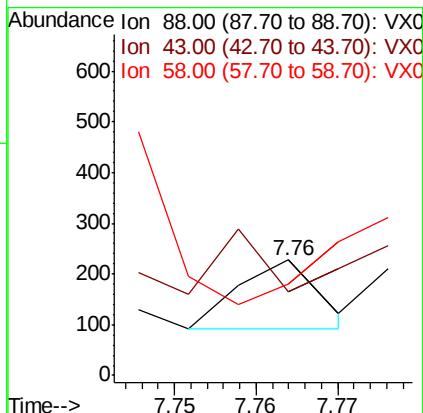
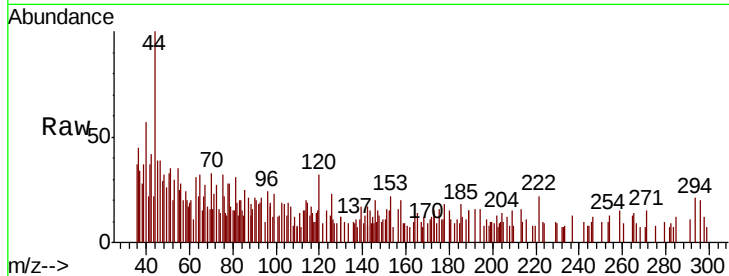
Tot Ion: 88 Resp: 93

Ion Ratio Lower Upper

88 100

43 0.0 26.5 39.7#

58 348.4 56.8 85.2#



#50

Toluene-d8

Concen: 49.939 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014393.D

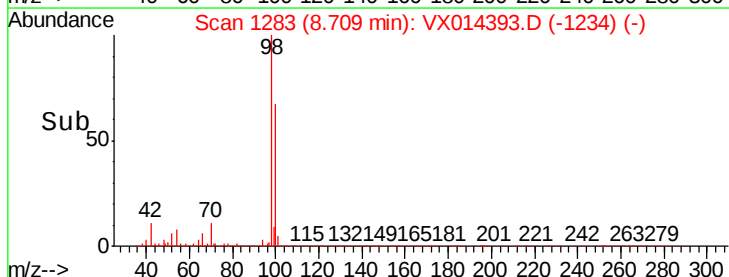
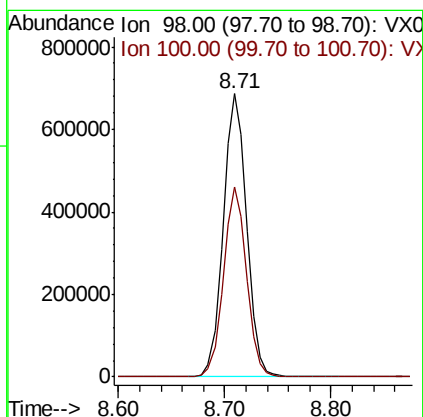
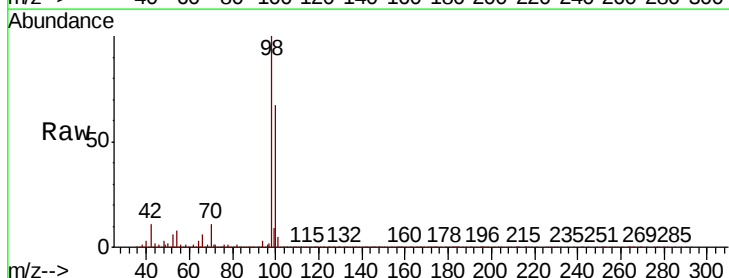
Acq: 03 Jan 2020 12:04

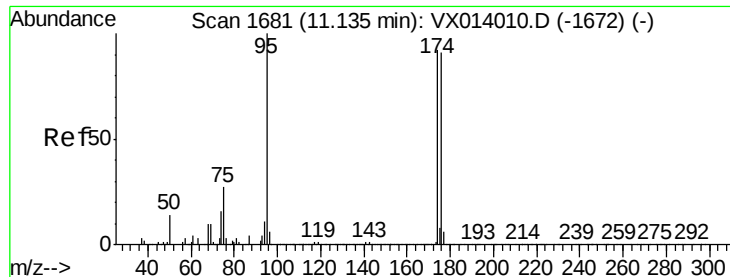
Tgt Ion: 98 Resp: 1052806

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3

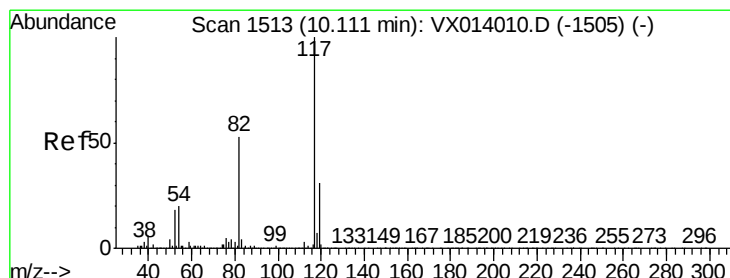
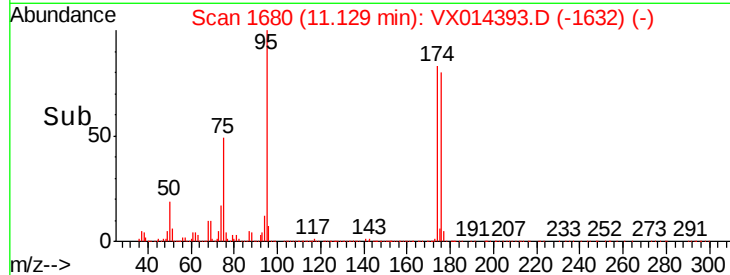
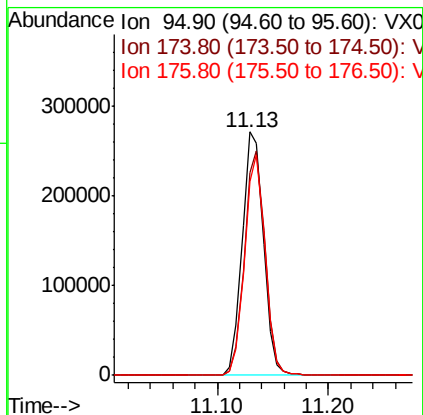
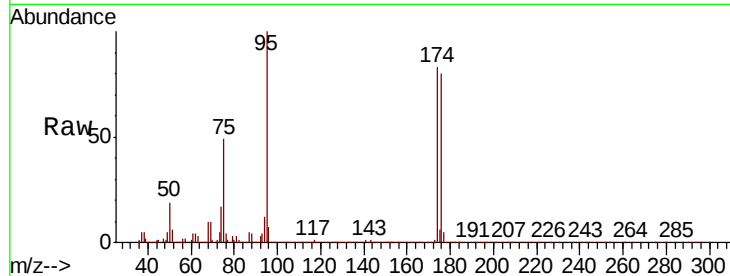




#62
4-Bromofluorobenzene
Concen: 46.510 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014393.D
Acq: 03 Jan 2020 12:04

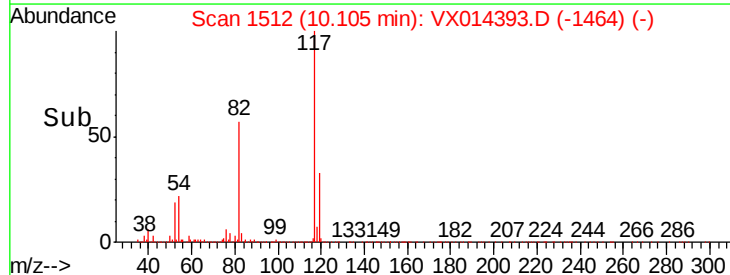
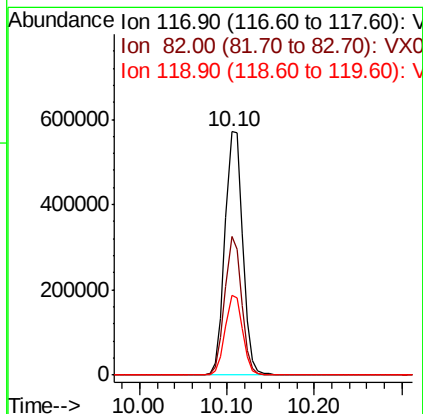
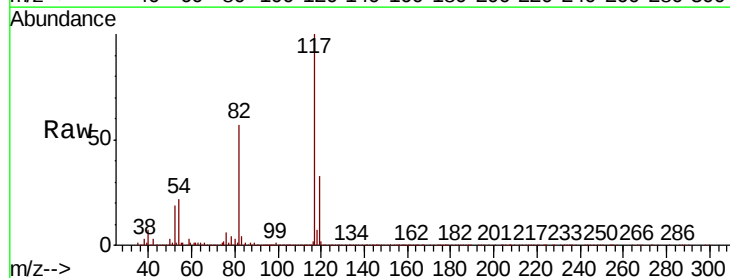
Instrument :
MSVOA_X
ClientSampleId :
VX0103MBL01

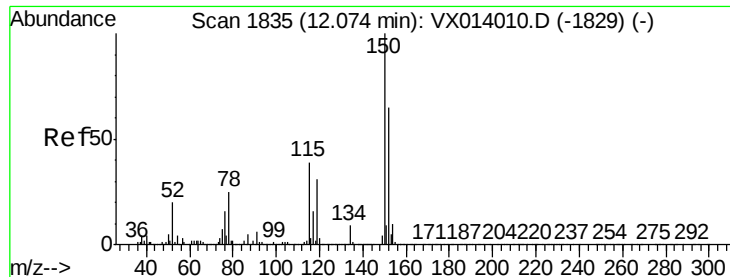
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	175.8
176	87.0	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014393.D
Acq: 03 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	42.2	63.4
119	32.9	25.1	37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014393.D

Acq: 03 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBL01

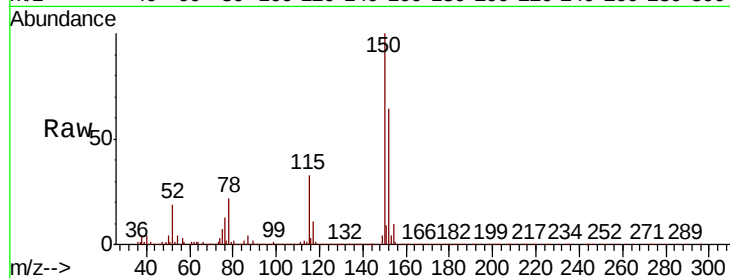
Tot Ion:152 Resp: 359653

Ion Ratio Lower Upper

152 100

115 54.3 38.3 114.9

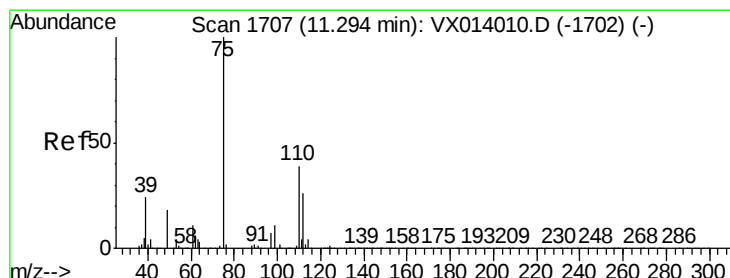
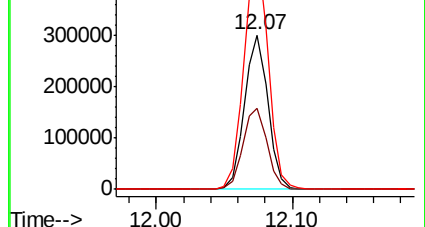
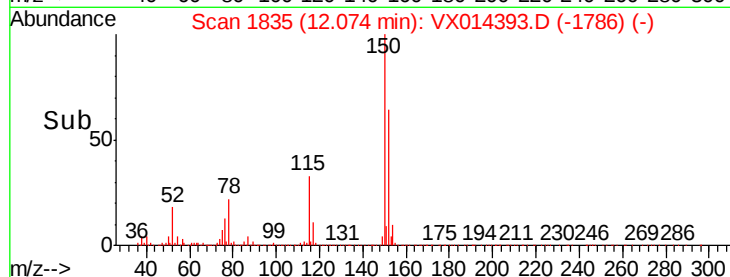
150 155.9 0.0 345.4



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



#76

1,2,3-Trichloropropane

Concen: 21.991 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014393.D

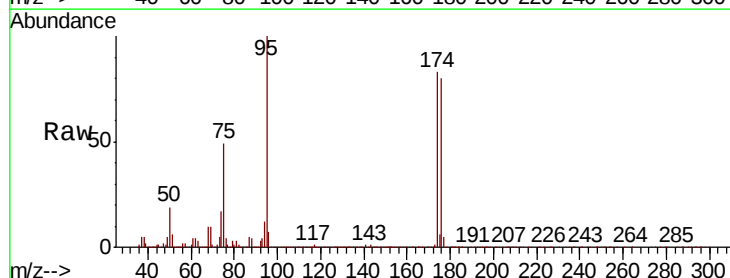
Acq: 03 Jan 2020 12:04

Tgt Ion: 75 Resp: 171705

Ion Ratio Lower Upper

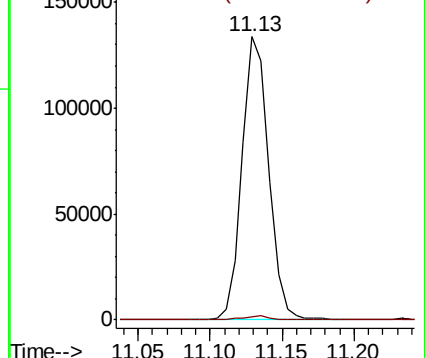
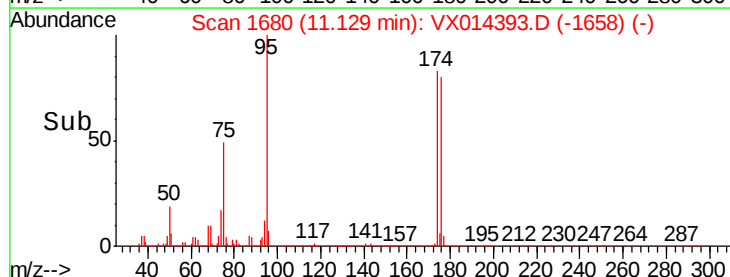
75 100

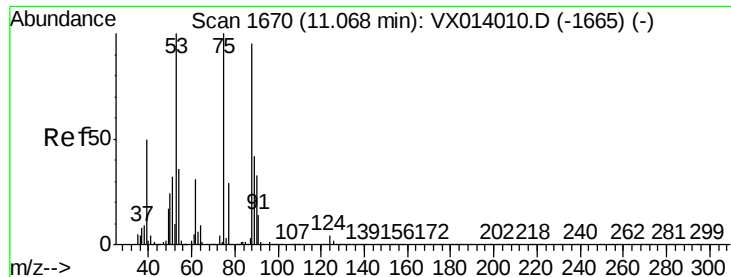
77 1.7 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 62.070 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014393.D

Acq: 03 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0103MBL01

Tot Ion: 75 Resp: 171705

Ion Ratio Lower Upper

75 100

53 0.1 76.7 115.1#

89 0.0 34.6 51.8#

