

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015374.D
 Acq On : 27 Mar 2020 11:51
 Operator : JC/SP
 Sample : VX0327WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBL01

Quant Time: Mar 30 01:40:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1235679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1957650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1796434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	918880	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	779502	44.73	ug/l	0.00
Spiked Amount			Recovery	=	89.46%	
35) Dibromofluoromethane	5.47	113	617450	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
50) Toluene-d8	8.70	98	2352965	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.12	95	956014	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	

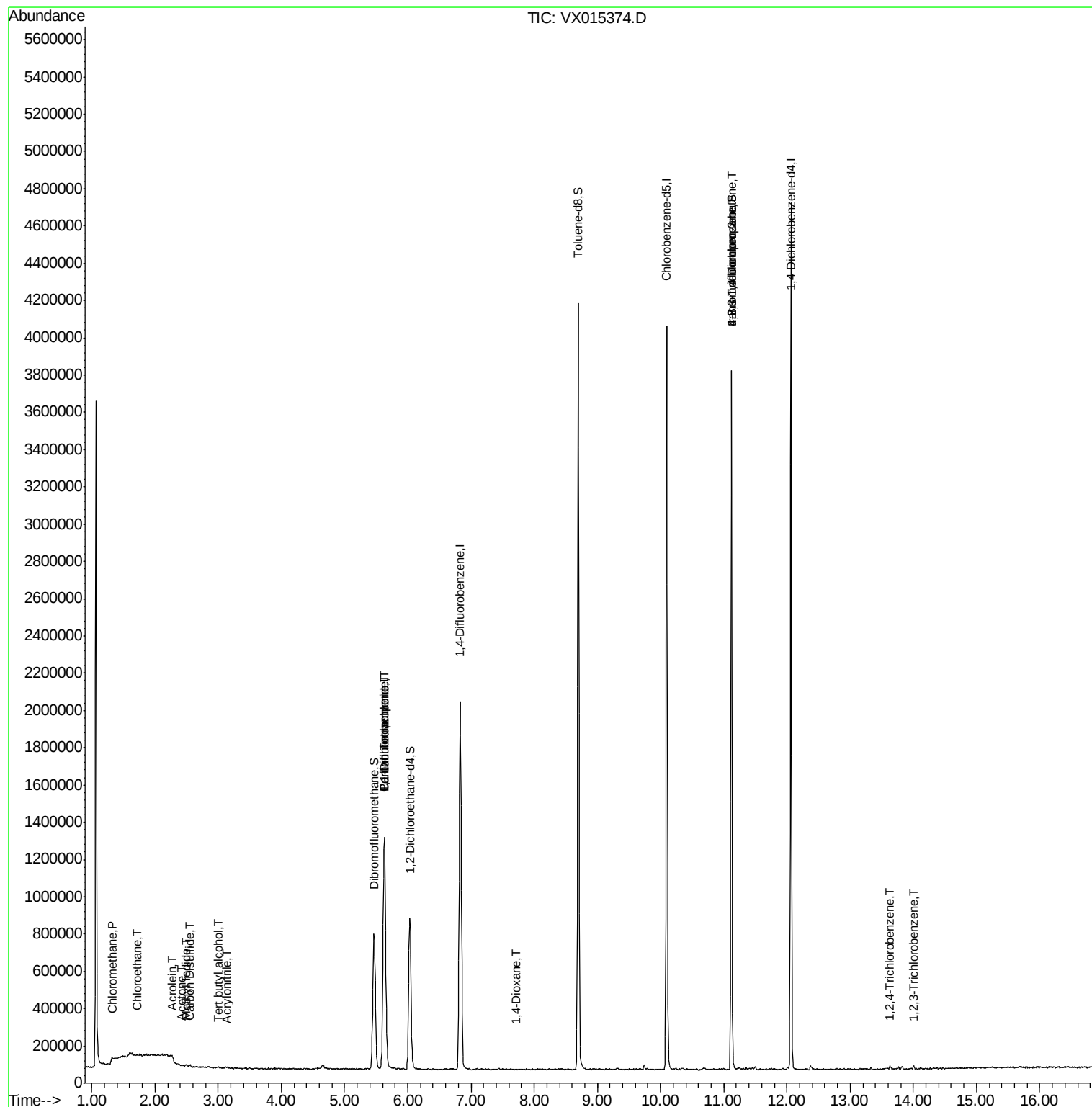
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	5311	0.383	ug/l #	73
5) Bromomethane	1.64	94	3954	Below Cal	#	73
6) Chloroethane	1.71	64	7775	0.985	ug/l #	43
10) Methyl Iodide	2.50	142	9269	0.618	ug/l #	90
11) Tert butyl alcohol	2.99	59	4950	1.187	ug/l #	88
13) Acrolein	2.27	56	2480	1.044	ug/l #	21
15) Acrylonitrile	3.12	53	3524	0.443	ug/l #	75
16) Acetone	2.42	43	3013	0.402	ug/l	95
17) Carbon Disulfide	2.55	76	11678	0.328	ug/l	97
36) 1,1-Dichloropropene	5.63	75	92762	5.143	ug/l #	50
38) Carbon Tetrachloride	5.64	117	118085	6.044	ug/l #	14
49) 1,4-Dioxane	7.72	88	355	0.961	ug/l #	37
76) 1,2,3-Trichloropropane	11.12	75	490350	25.950	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	490350	62.266	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.63	180	5628	0.253	ug/l	86
96) 1,2,3-Trichlorobenzene	14.01	180	4500	0.210	ug/l	95

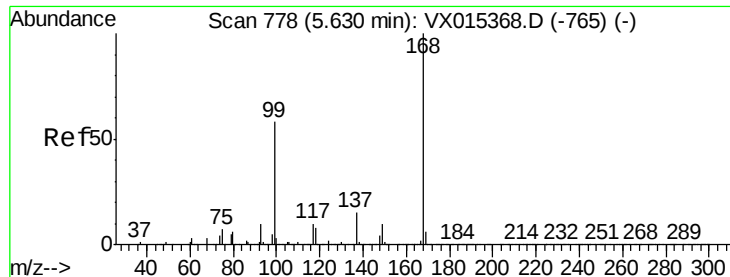
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015374.D

Acq: 27 Mar 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

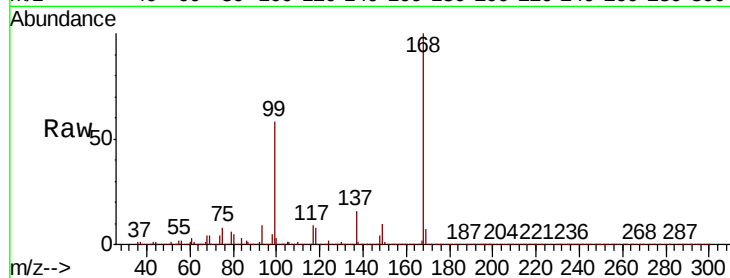
VX0327WBL01

Tot Ion:168 Resp: 1235679

Ion Ratio Lower Upper

168 100

99 57.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

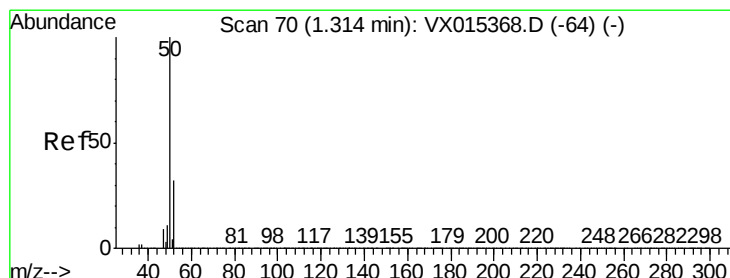
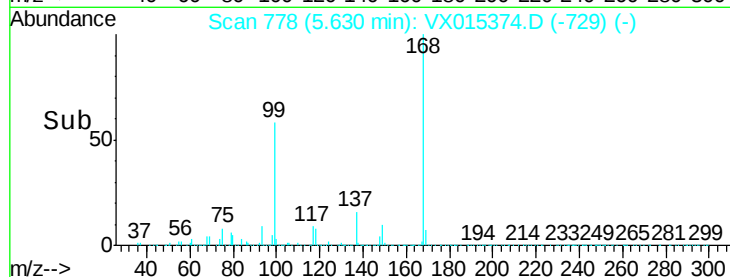
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.383 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015374.D

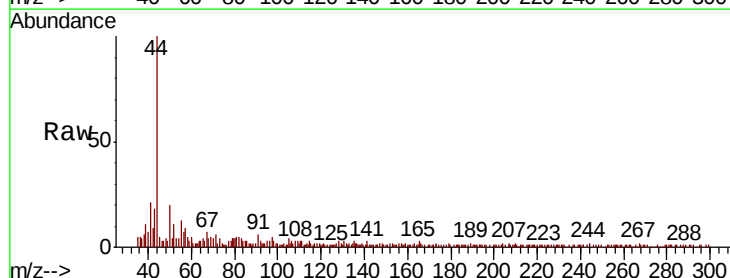
Acq: 27 Mar 2020 11:51

Tgt Ion: 50 Resp: 5311

Ion Ratio Lower Upper

50 100

52 46.8 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

4000

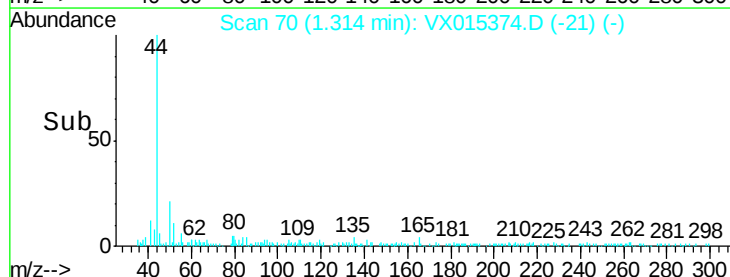
3000

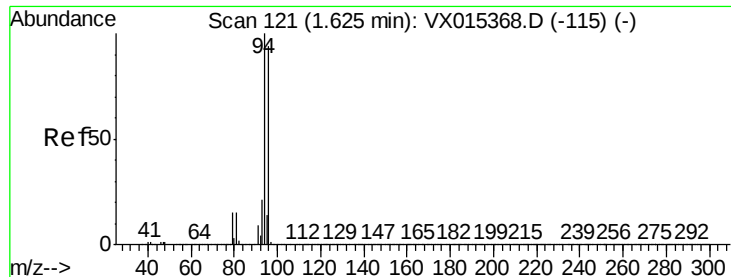
2000

1000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015374.D

Acq: 27 Mar 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

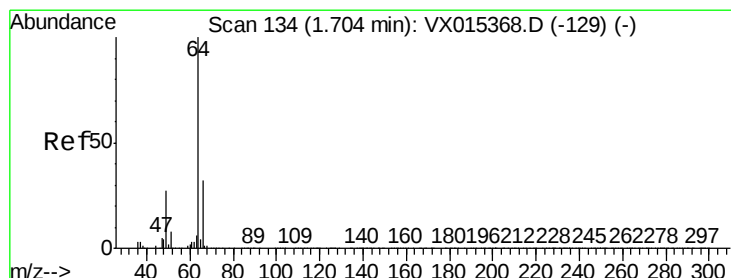
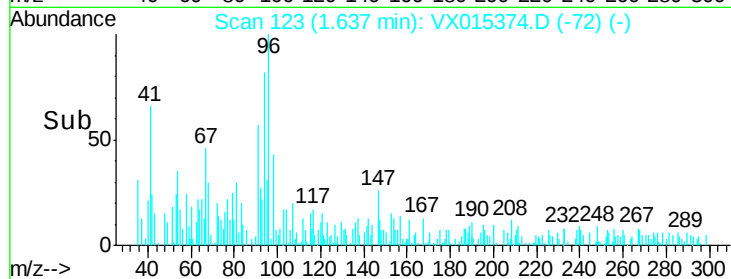
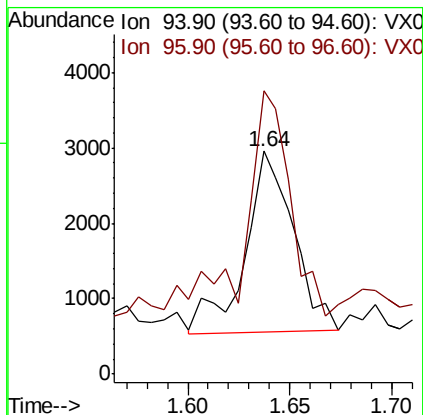
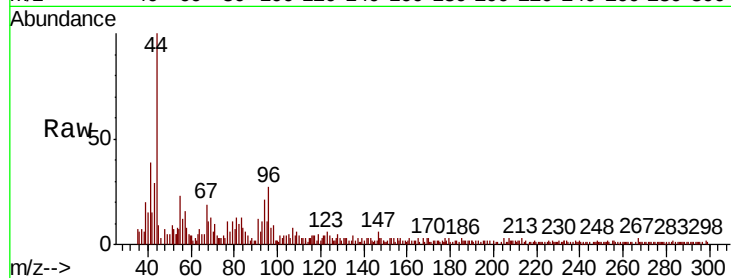
VX0327WBL01

Tot Ion: 94 Resp: 3954

Ion Ratio Lower Upper

94 100

96 119.8 74.8 112.2#



#6

Chloroethane

Concen: 0.985 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015374.D

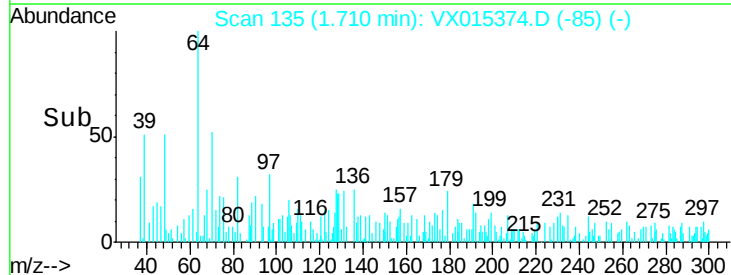
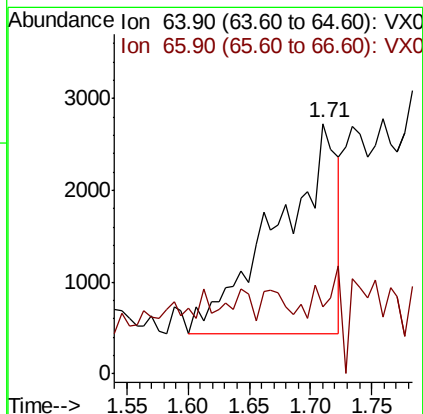
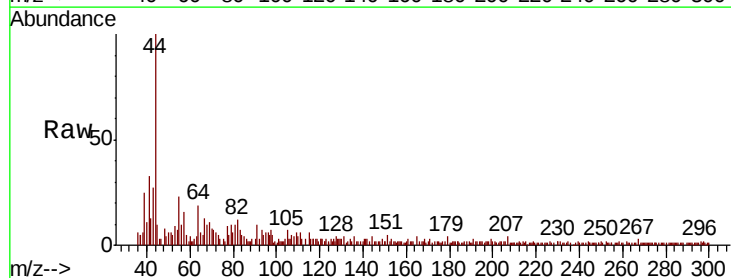
Acq: 27 Mar 2020 11:51

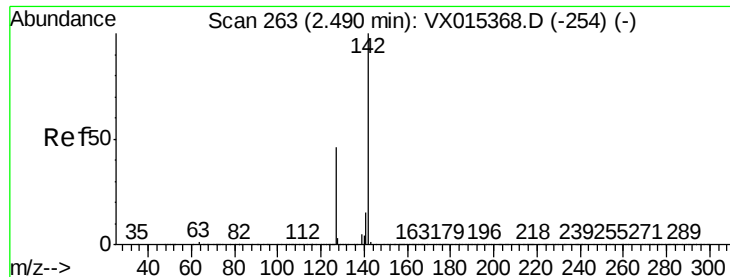
Tgt Ion: 64 Resp: 7775

Ion Ratio Lower Upper

64 100

66 0.3 25.4 38.2#

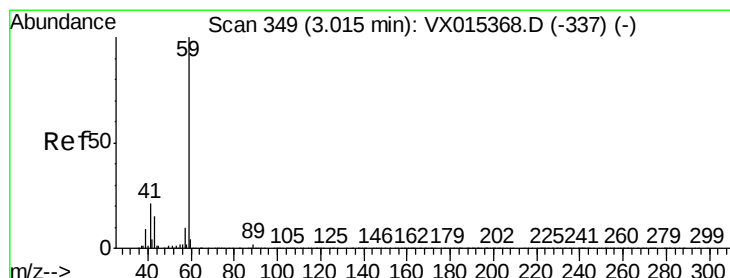
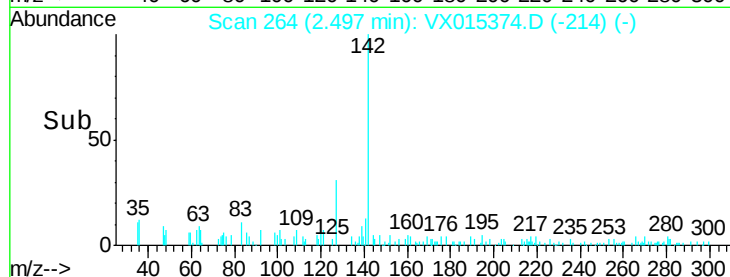
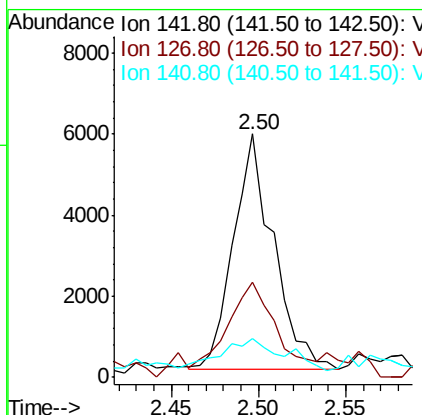
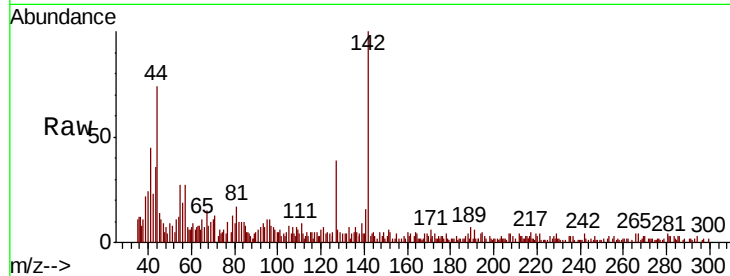




#10
Methyl Iodide
Concen: 0.618 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX015374.D
Acq: 27 Mar 2020 11:51

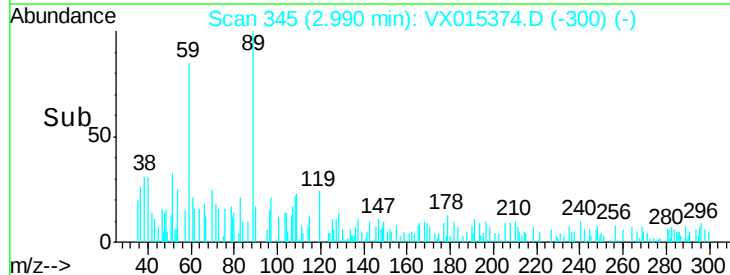
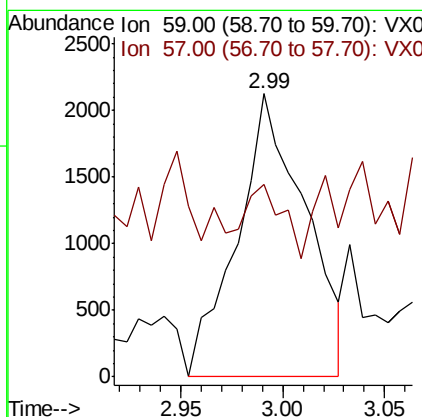
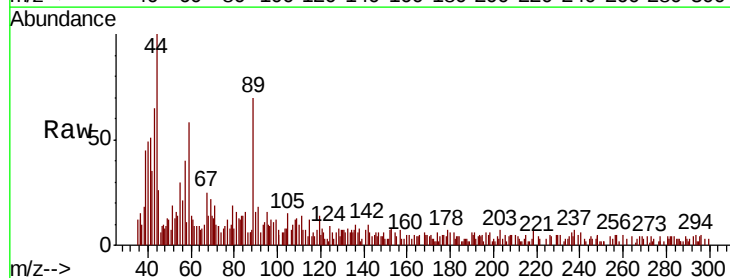
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

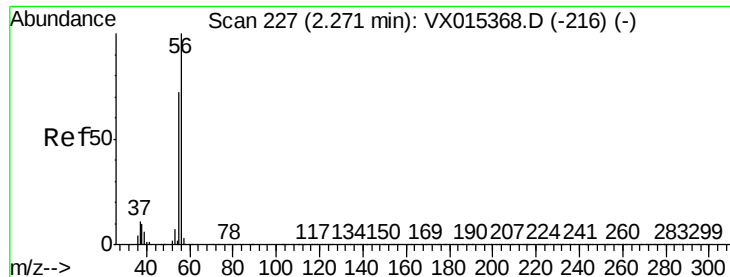
Tot Ion:142 Resp: 9269
Ion Ratio Lower Upper
142 100
127 40.1 35.9 53.9
141 22.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.187 ug/l
RT: 2.99 min Scan# 345
Delta R.T. -0.02 min
Lab File: VX015374.D
Acq: 27 Mar 2020 11:51

Tgt Ion: 59 Resp: 4950
Ion Ratio Lower Upper
59 100
57 14.4 8.1 12.1#

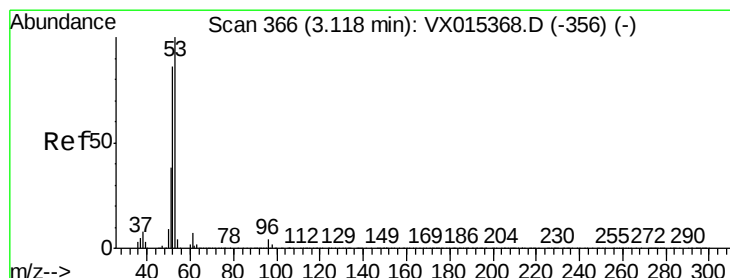
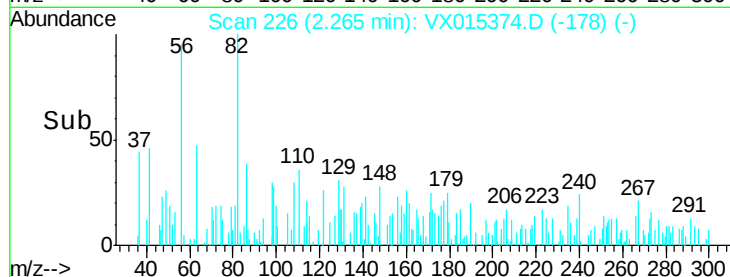
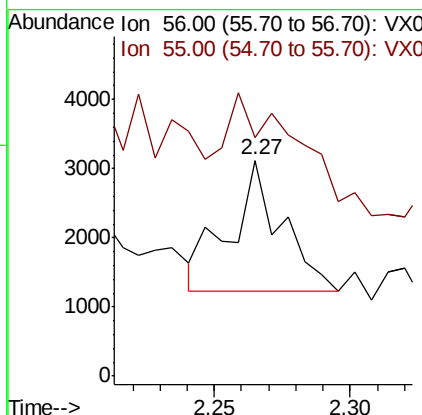
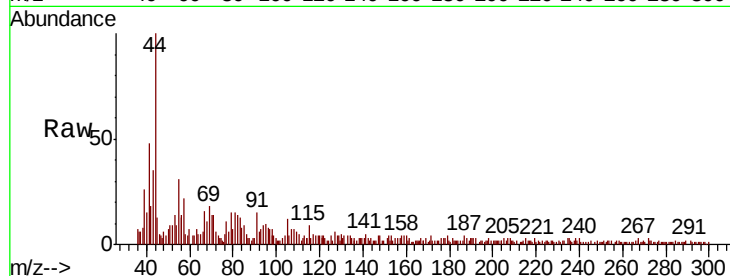




#13
Acrolein
Concen: 1.044 ug/l
RT: 2.27 min Scan# 226
Delta R.T. -0.01 min
Lab File: VX015374.D
Acq: 27 Mar 2020 11:51

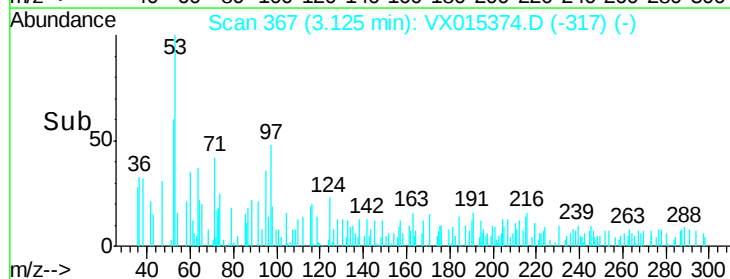
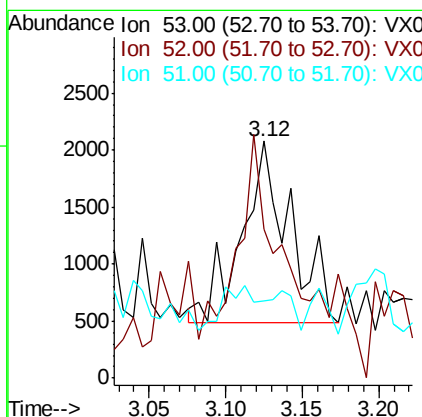
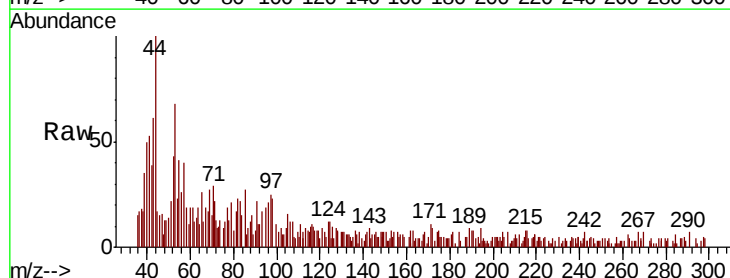
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

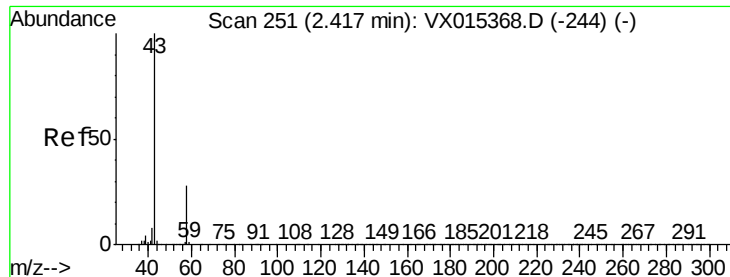
Tot Ion: 56 Resp: 2480
Ion Ratio Lower Upper
56 100
55 136.3 57.0 85.4#



#15
Acrylonitrile
Concen: 0.443 ug/l
RT: 3.12 min Scan# 367
Delta R.T. 0.01 min
Lab File: VX015374.D
Acq: 27 Mar 2020 11:51

Tgt Ion: 53 Resp: 3524
Ion Ratio Lower Upper
53 100
52 66.6 66.8 100.2#
51 13.9 29.5 44.3#





#16

Acetone

Concen: 0.402 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015374.D

Acq: 27 Mar 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

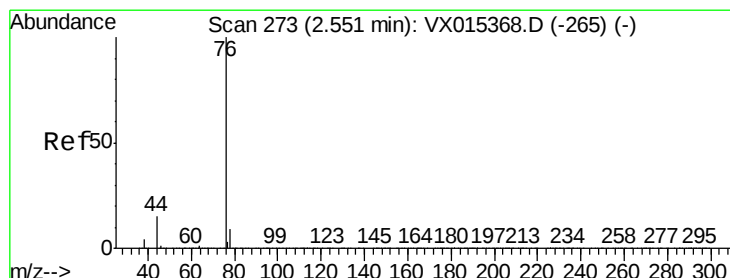
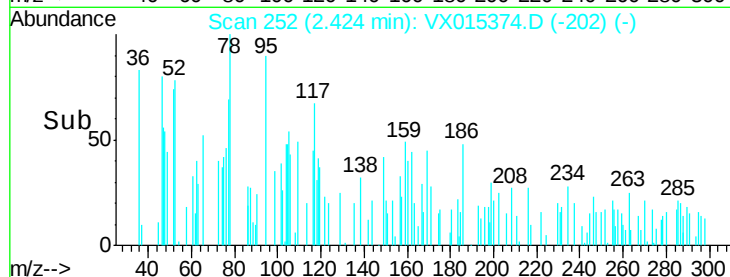
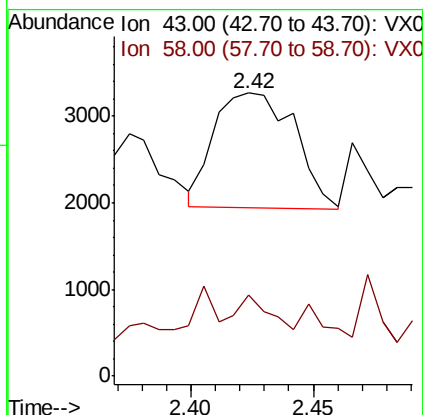
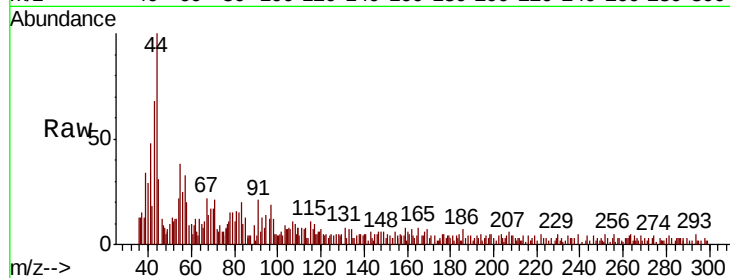
VX0327WBL01

Tot Ion: 43 Resp: 3013

Ion Ratio Lower Upper

43 100

58 30.1 22.1 33.1



#17

Carbon Disulfide

Concen: 0.328 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015374.D

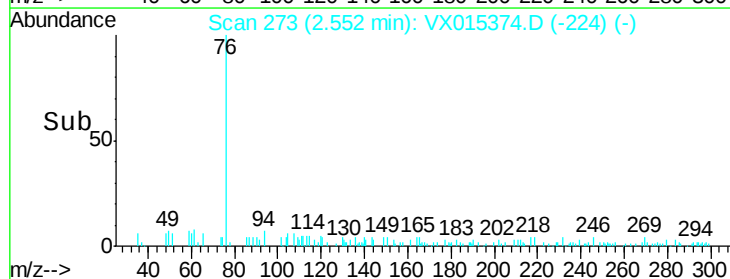
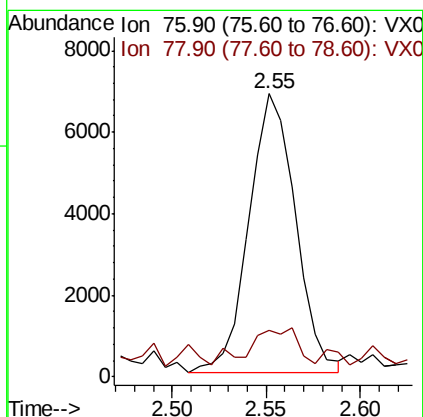
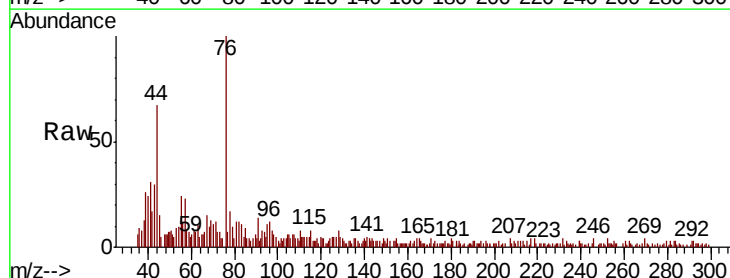
Acq: 27 Mar 2020 11:51

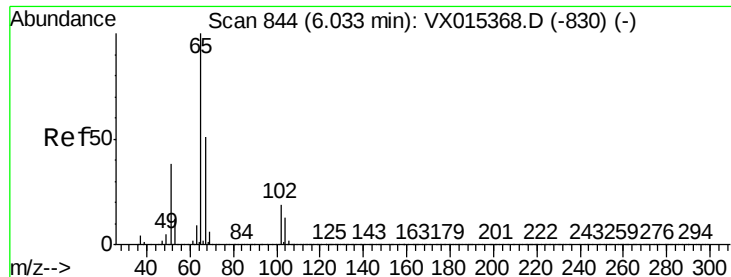
Tgt Ion: 76 Resp: 11678

Ion Ratio Lower Upper

76 100

78 7.7 7.1 10.7





#33

1,2-Dichloroethane-d4

Concen: 44.727 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015374.D

Acq: 27 Mar 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

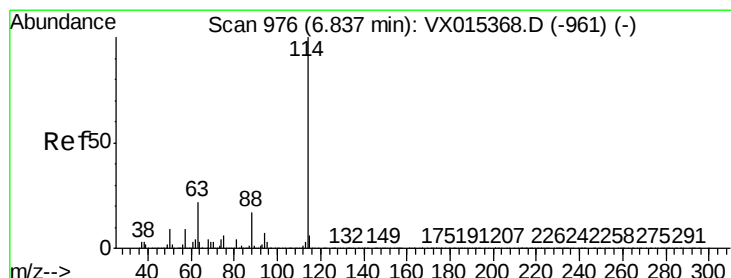
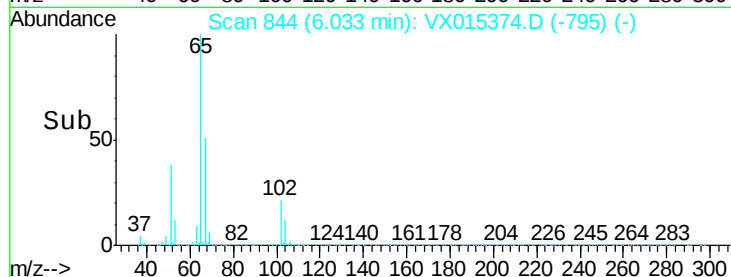
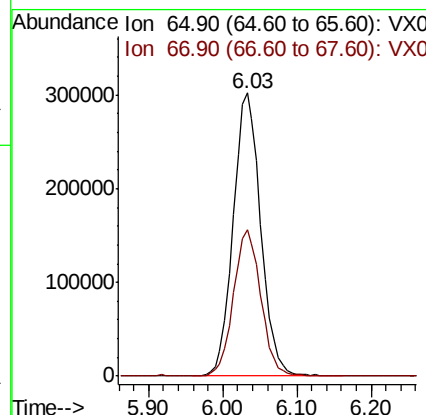
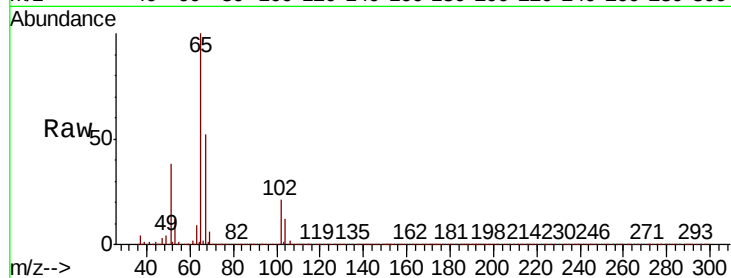
VX0327WBL01

Tot Ion: 65 Resp: 779502

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015374.D

Acq: 27 Mar 2020 11:51

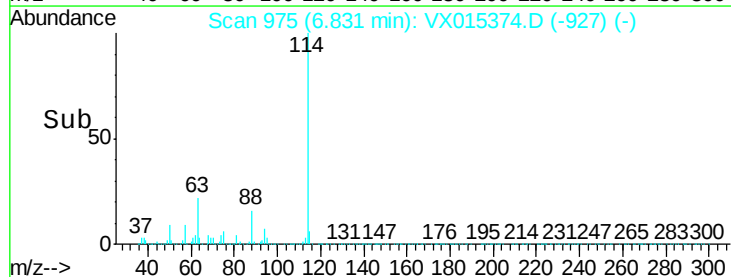
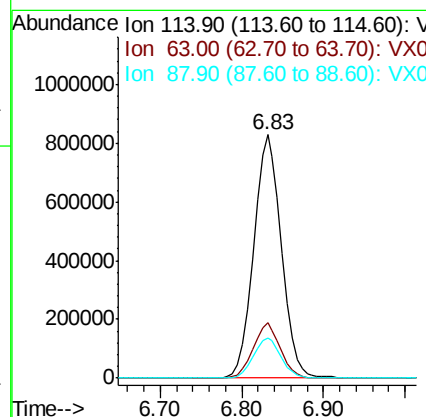
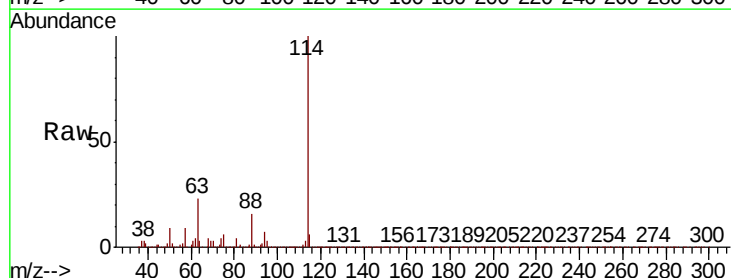
Tgt Ion: 114 Resp: 1957650

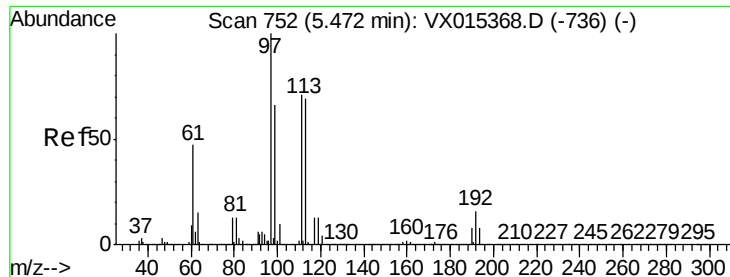
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.2

88 16.3 0.0 33.8

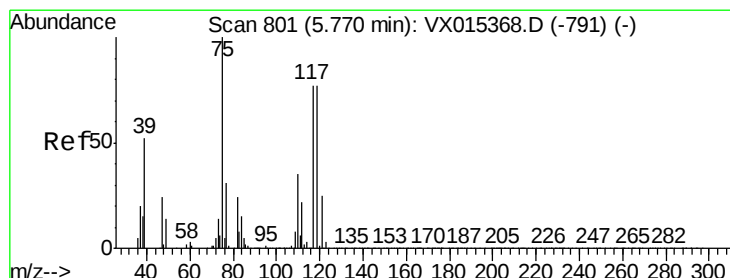
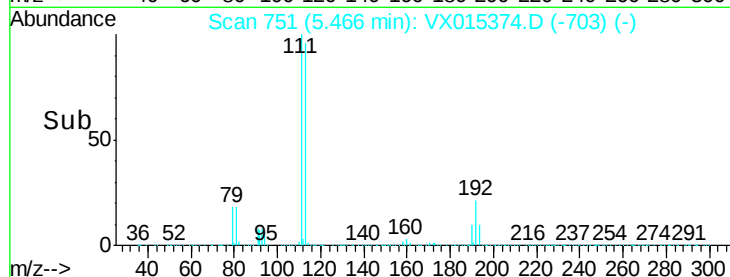
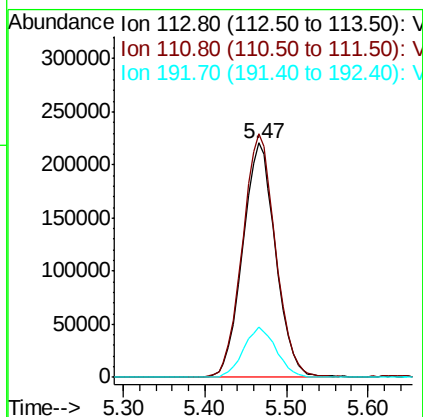
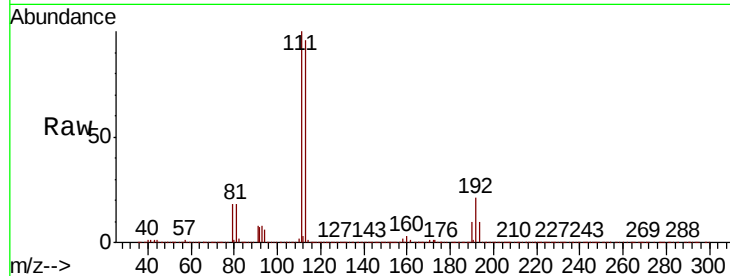




#35
Dibromofluoromethane
Concen: 49.341 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015374.D
Acq: 27 Mar 2020 11:51

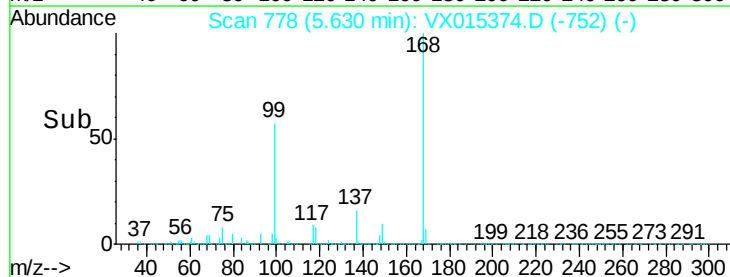
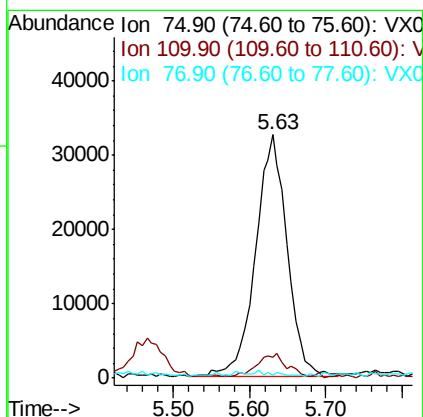
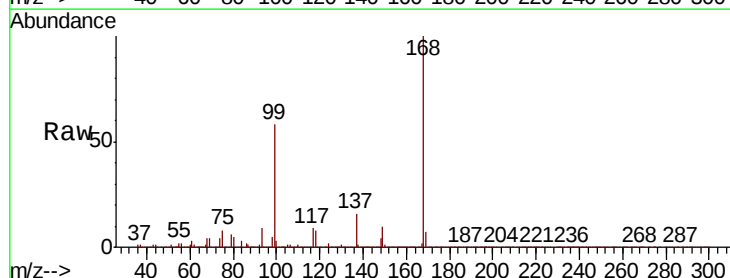
Instrument :
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VX0327WBL01

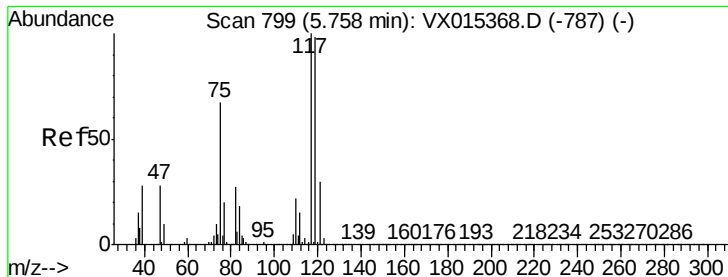
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.5	122.3
192	21.4	17.8	26.6



#36
1,1-Dichloropropene
Concen: 5.143 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.14 min
Lab File: VX015374.D
Acq: 27 Mar 2020 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.1	51.3#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.044 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015374.D

Acq: 27 Mar 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBL01

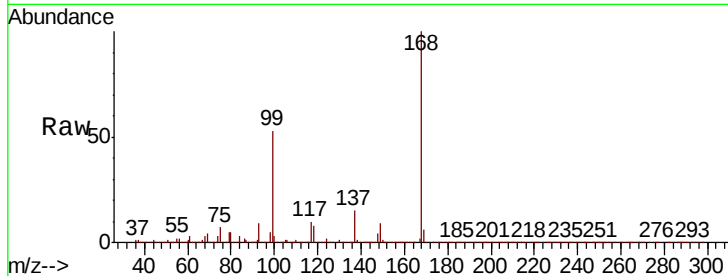
Tot Ion:117 Resp: 118085

Ion Ratio Lower Upper

117 100

119 3.5 78.0 117.0#

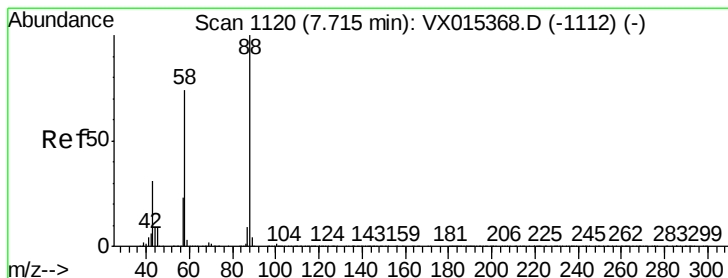
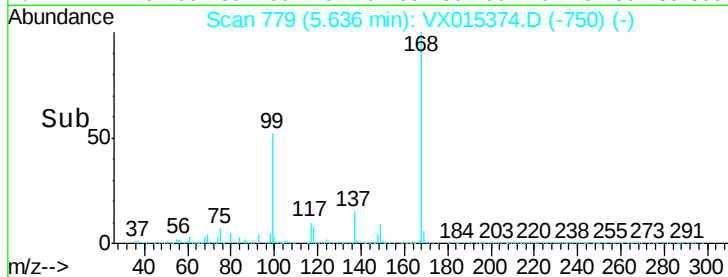
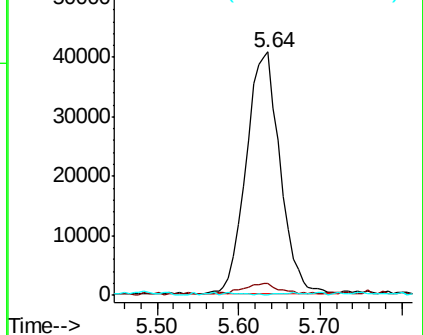
121 0.0 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.961 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015374.D

Acq: 27 Mar 2020 11:51

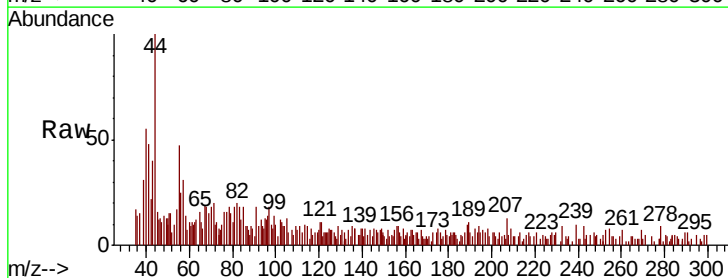
Tgt Ion: 88 Resp: 355

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

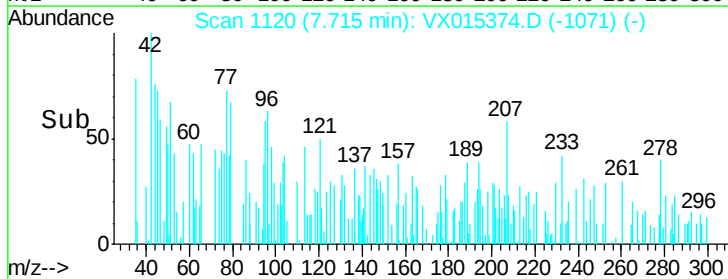
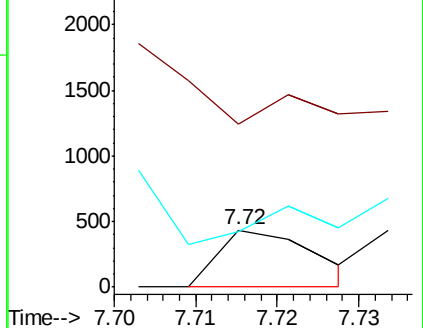
58 129.3 60.6 90.8#

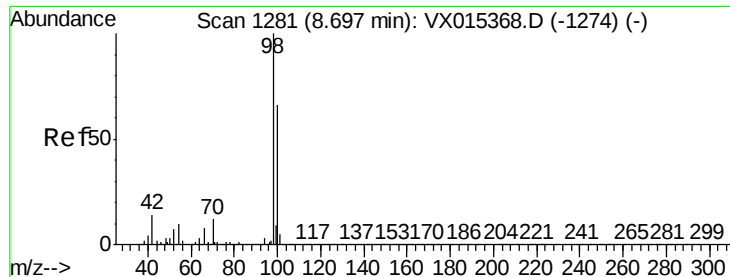


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.071 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015374.D

Acq: 27 Mar 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

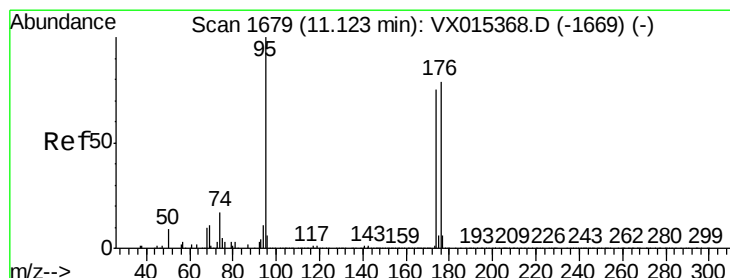
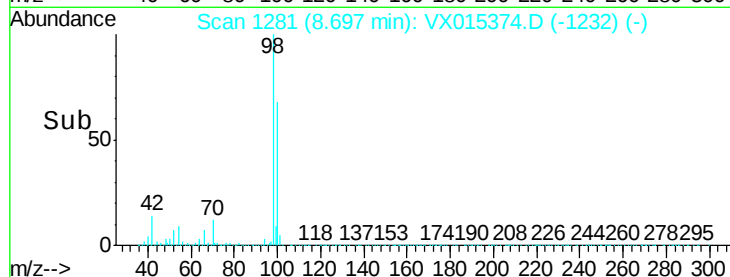
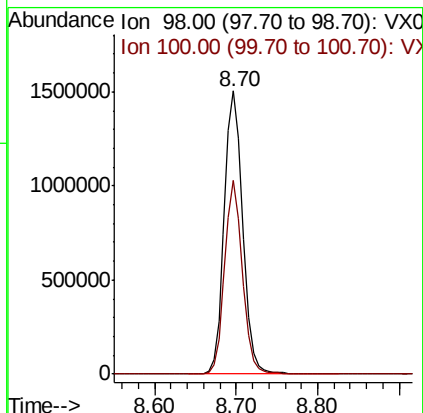
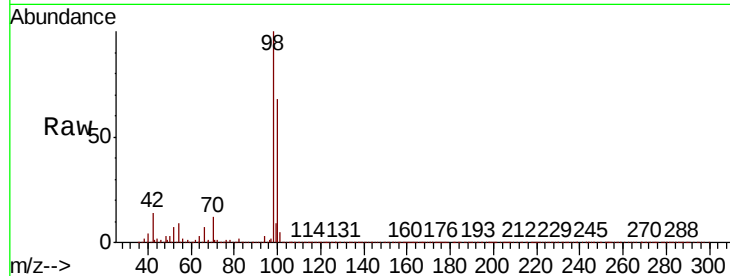
VX0327WBL01

Tot Ion: 98 Resp: 2352965

Ion Ratio Lower Upper

98 100

100 65.9 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 51.058 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015374.D

Acq: 27 Mar 2020 11:51

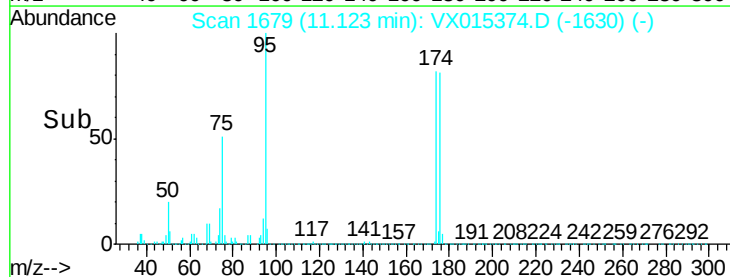
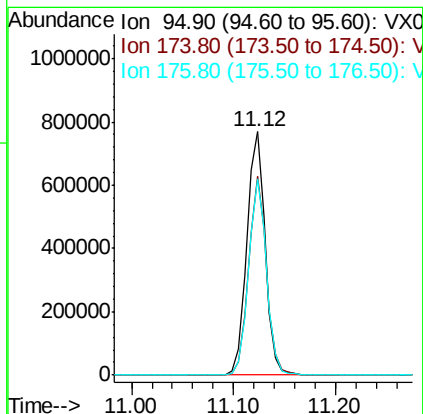
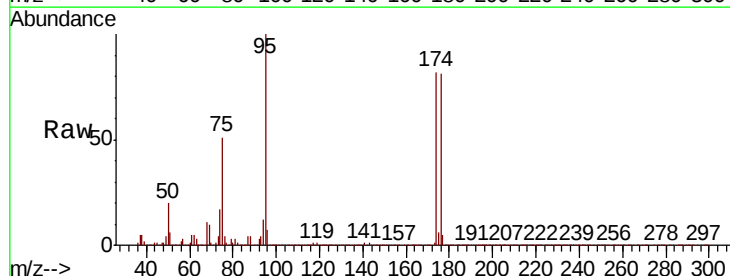
Tgt Ion: 95 Resp: 956014

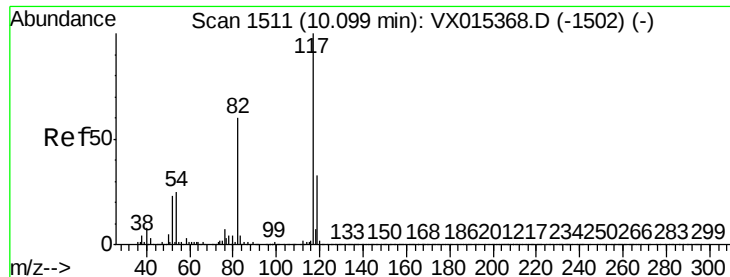
Ion Ratio Lower Upper

95 100

174 79.7 0.0 158.6

176 79.0 0.0 159.0

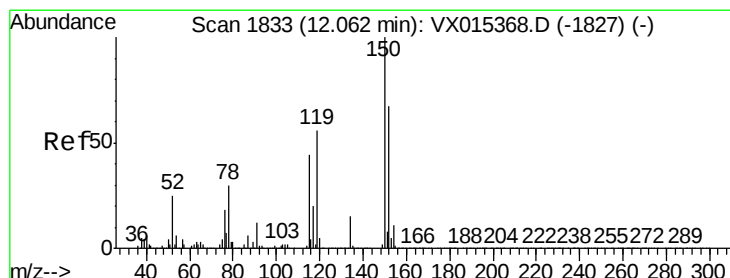
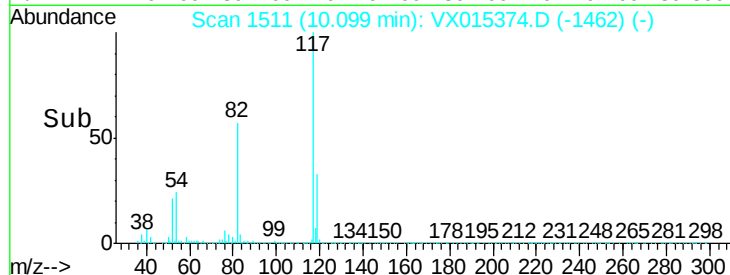
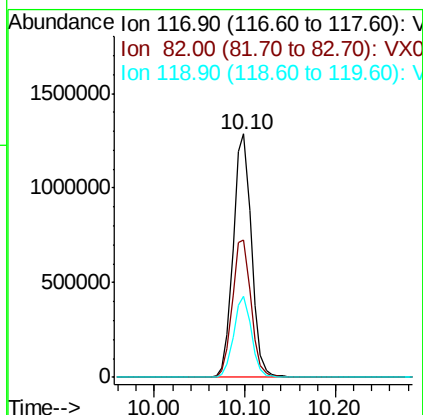
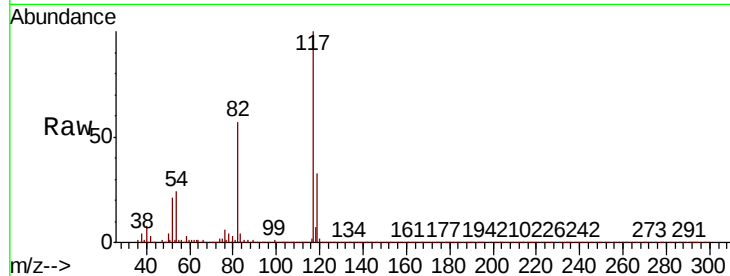




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015374.D
Acq: 27 Mar 2020 11:51

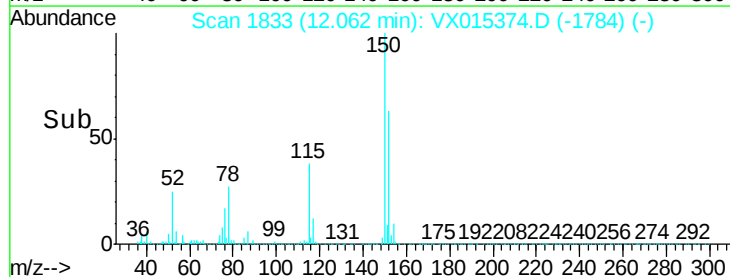
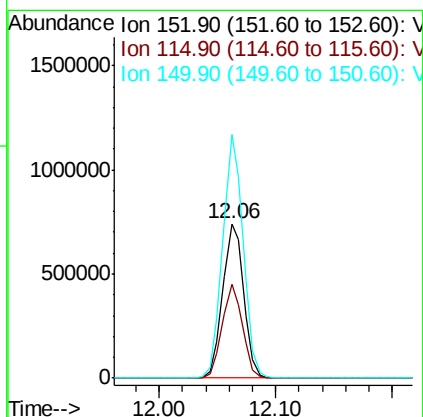
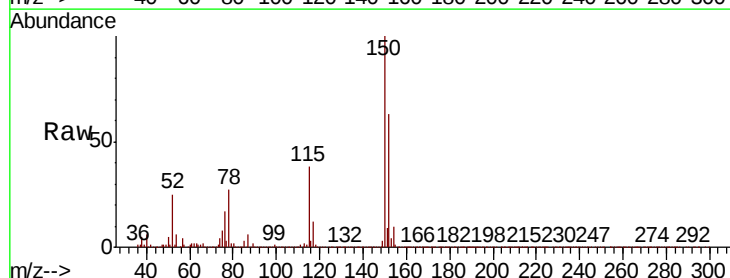
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

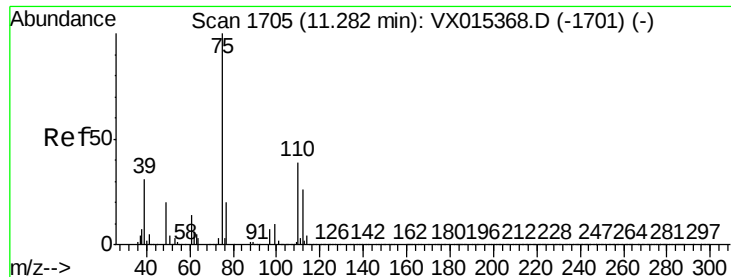
Tot Ion:117 Resp: 1796434
Ion Ratio Lower Upper
117 100
82 56.7 47.8 71.8
119 33.4 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015374.D
Acq: 27 Mar 2020 11:51

Tgt Ion:152 Resp: 918880
Ion Ratio Lower Upper
152 100
115 58.5 39.0 116.9
150 154.2 0.0 340.8

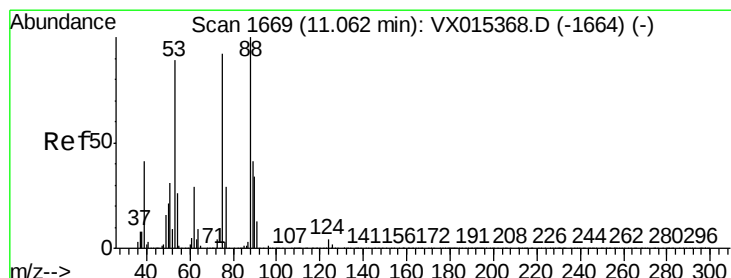
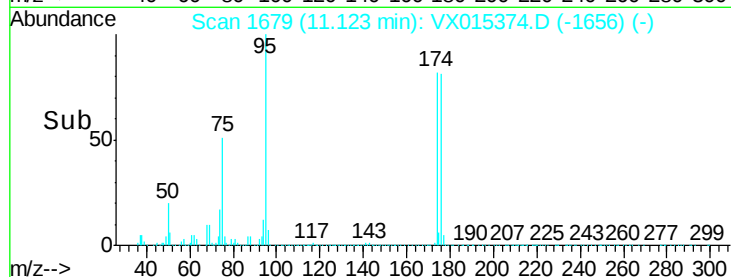
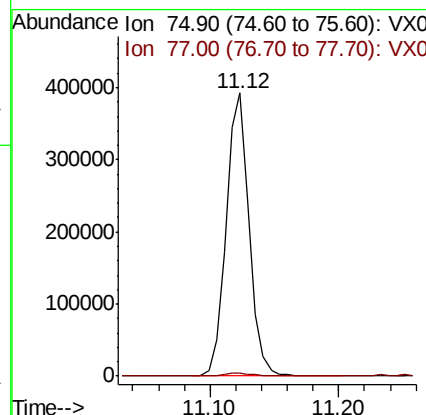
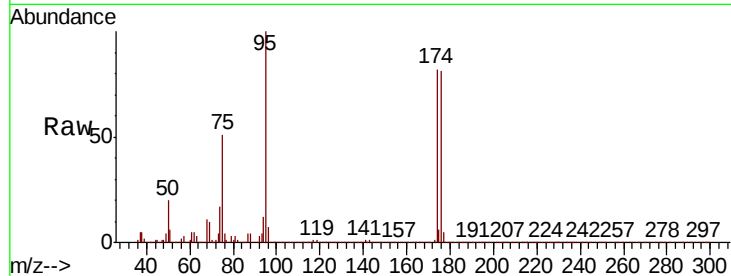




#76
 1,2,3-Trichloropropane
 Concen: 25.950 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.16 min
 Lab File: VX015374.D
 Acq: 27 Mar 2020 11:51

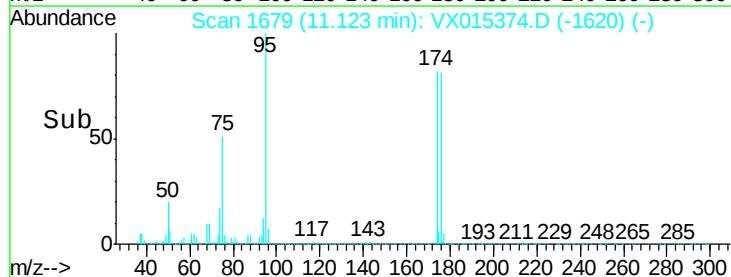
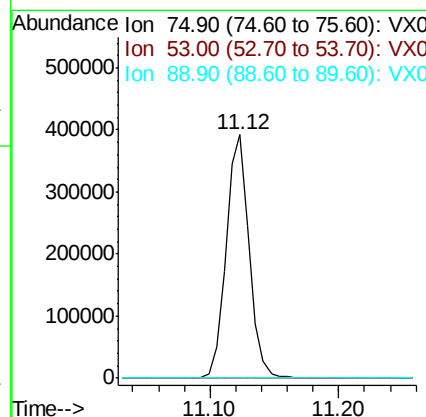
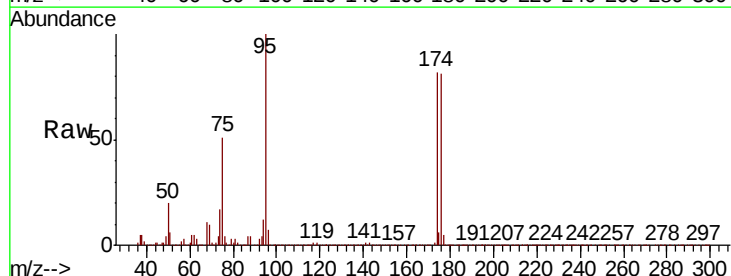
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBL01

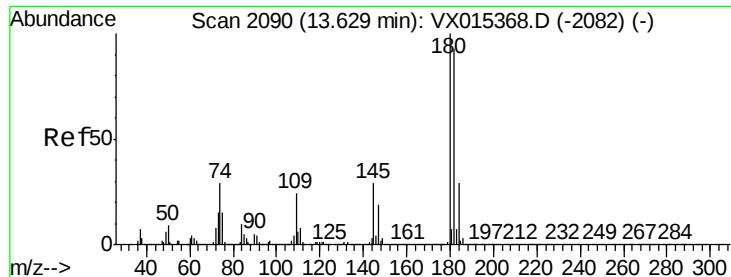
Tot Ion: 75 Resp: 490350
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.2 63.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.266 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VX015374.D
 Acq: 27 Mar 2020 11:51

Tgt Ion: 75 Resp: 490350
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.1 120.1#
 89 0.0 36.1 54.1#

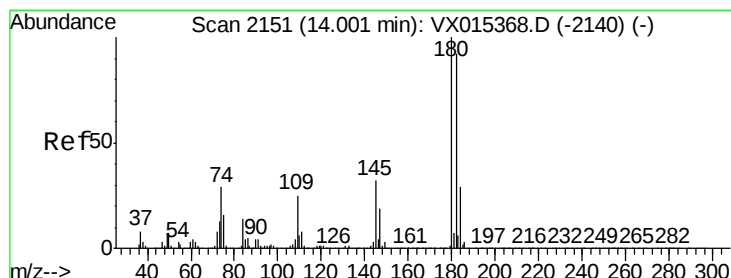
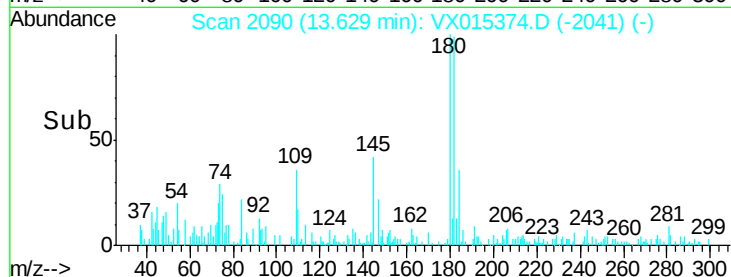
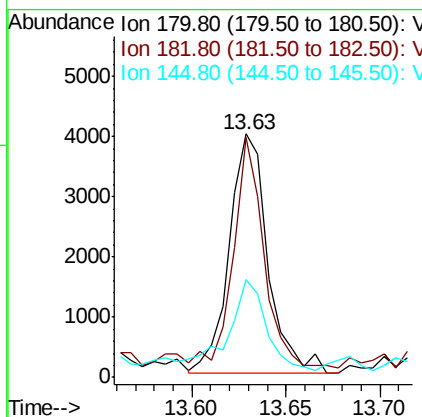
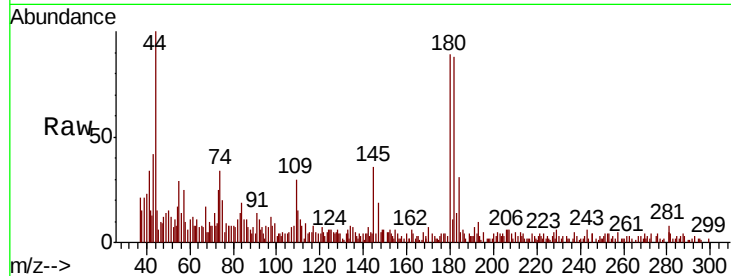




#93
 1,2,4-Trichlorobenzene
 Concen: 0.253 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015374.D
 Acq: 27 Mar 2020 11:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0327WBL01

Tot Ion:180 Resp: 5628
 Ion Ratio Lower Upper
 180 100
 182 80.6 46.9 140.7
 145 38.8 14.9 44.5



#96
 1,2,3-Trichlorobenzene
 Concen: 0.210 ug/l
 RT: 14.01 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: VX015374.D
 Acq: 27 Mar 2020 11:51

Tgt Ion:180 Resp: 4500
 Ion Ratio Lower Upper
 180 100
 182 96.3 46.7 140.0
 145 38.0 15.8 47.3

