

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013384.D
 Acq On : 12 Nov 2019 14:55
 Operator : JC/SP
 Sample : K5803-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 13 02:39:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	782427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1226518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1087519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	489600	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	445009	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
35) Dibromofluoromethane	5.48	113	365464	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
50) Toluene-d8	8.71	98	1460807	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	486810	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	

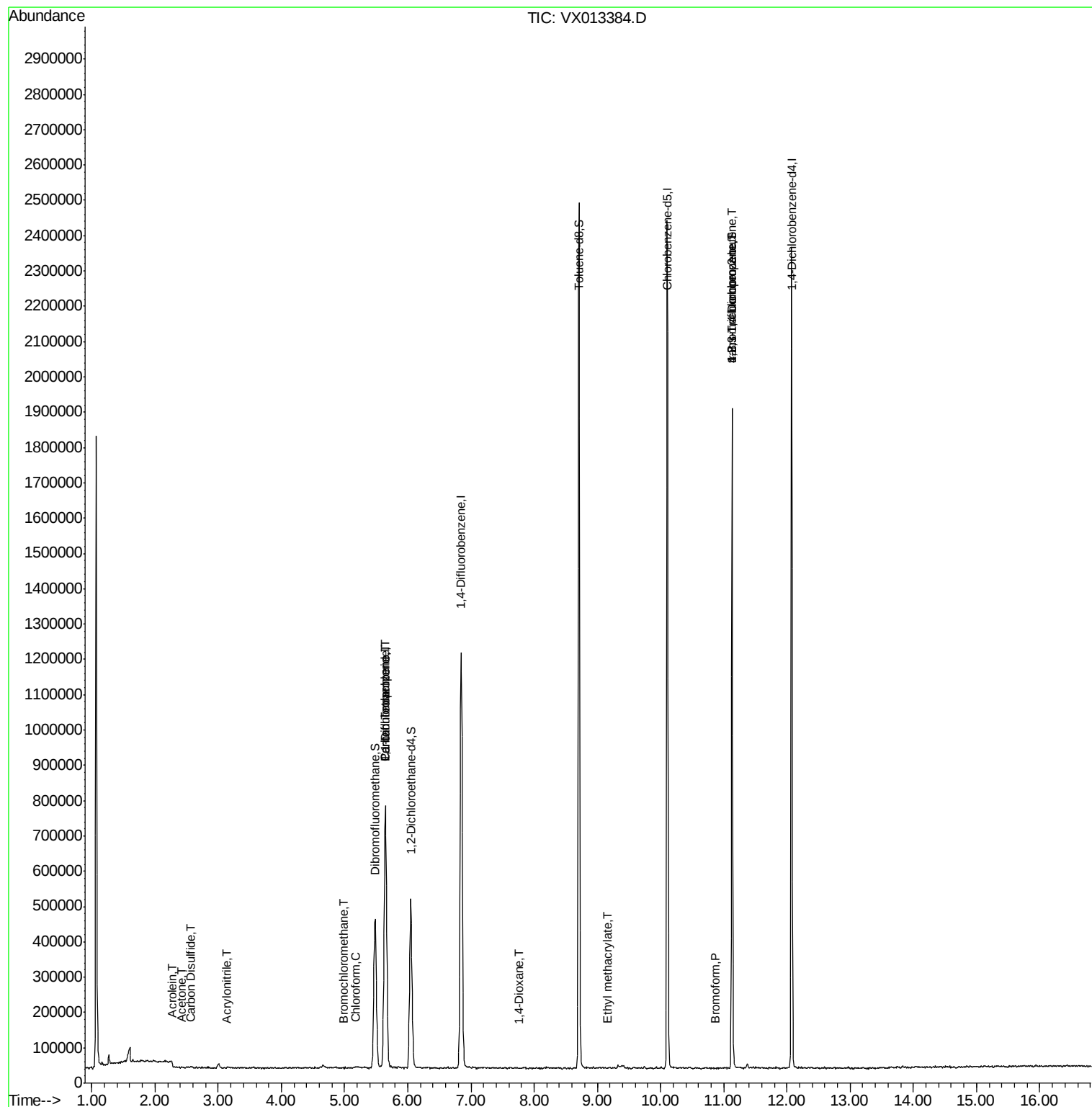
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.65	64	1028	Below Cal		94
13) Acrolein	2.28	56	1922	1.452	ug/l #	32
15) Acrylonitrile	3.13	53	1854	0.406	ug/l #	32
16) Acetone	2.42	43	1293	0.280	ug/l #	82
17) Carbon Disulfide	2.56	76	4021	0.209	ug/l	99
28) Bromochloromethane	4.99	49	1018	0.255	ug/l #	49
30) Chloroform	5.19	83	3009	0.216	ug/l #	66
36) 1,1-Dichloropropene	5.64	75	52709	5.009	ug/l #	51
38) Carbon Tetrachloride	5.64	117	69215	6.727	ug/l #	17
49) 1,4-Dioxane	7.75	88	379	1.638	ug/l #	1
56) Ethyl methacrylate	9.16	69	170	1.574	ug/l #	1
71) Bromoform	10.85	173	251	3.234	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	240269	24.161	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	240269	62.190	ug/l #	10

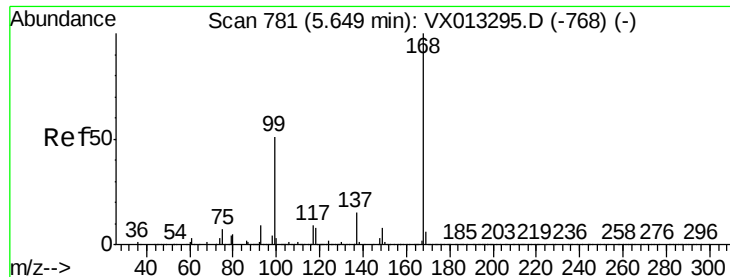
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Nov 13 02:39:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013384.D

Acq: 12 Nov 2019 14:55

Instrument :

MSVOA_X

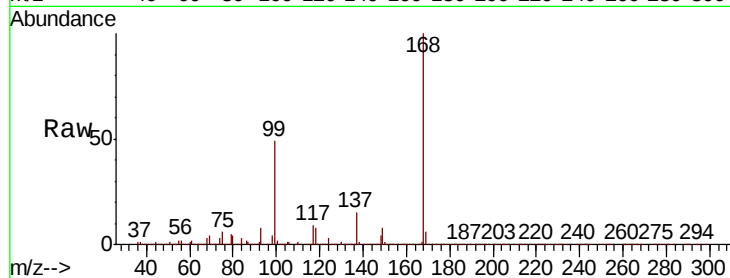
ClientSampleId :

Tot Ion:168 Resp: 782427

Ion Ratio Lower Upper

168 100

99 49.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

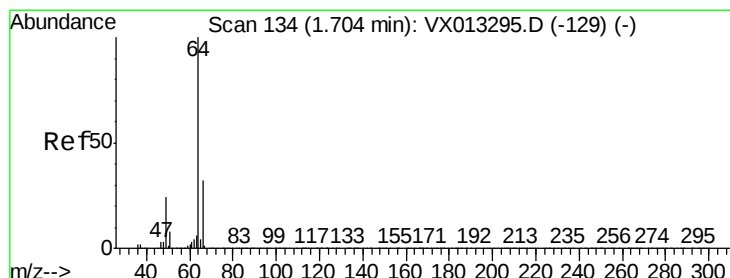
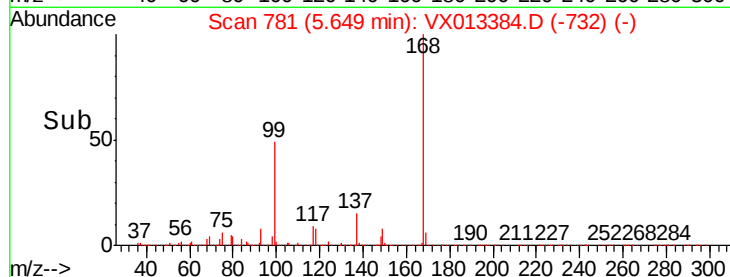
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.65 min Scan# 125

Delta R.T. -0.05 min

Lab File: VX013384.D

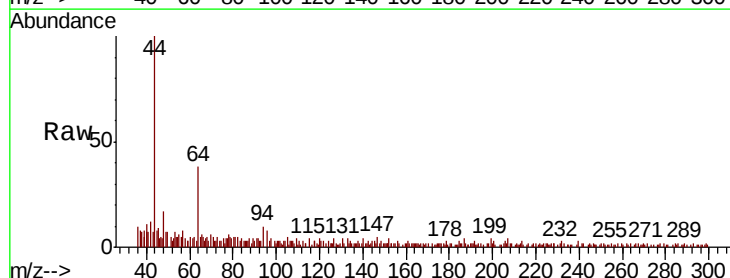
Acq: 12 Nov 2019 14:55

Tgt Ion: 64 Resp: 1028

Ion Ratio Lower Upper

64 100

66 28.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.65

3000

2500

2000

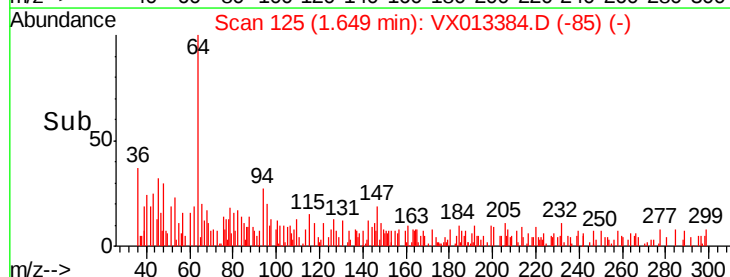
1500

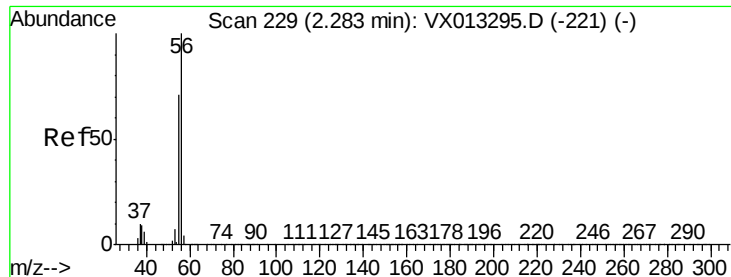
1000

500

0

Time-->

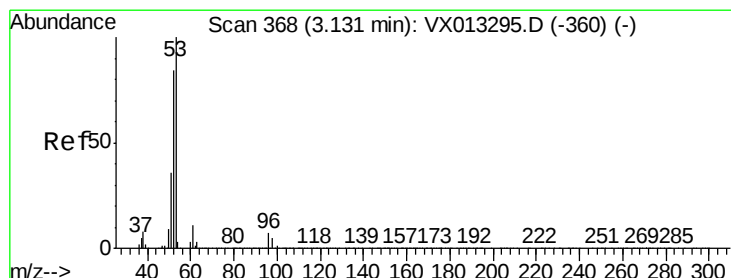
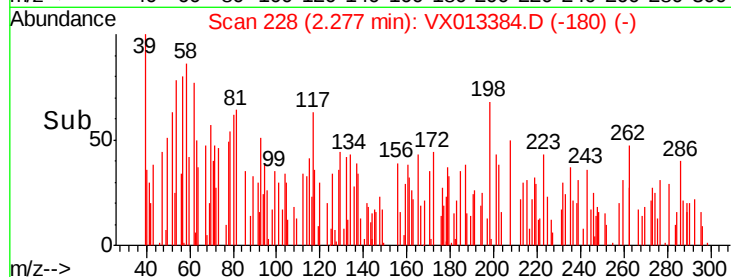
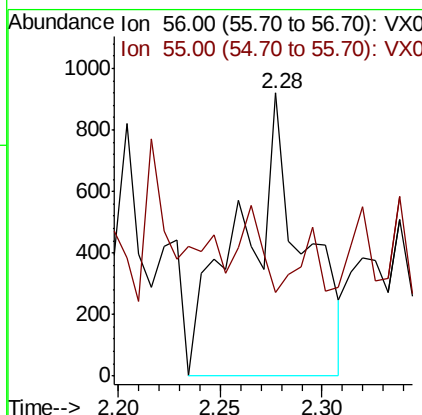
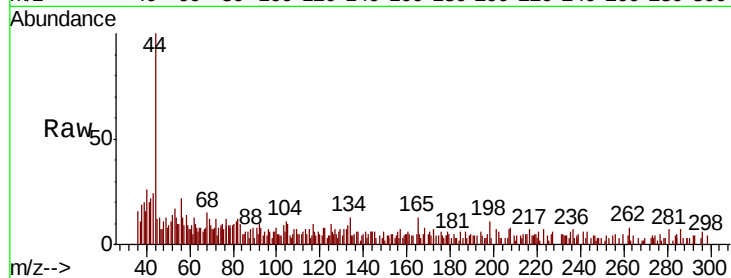




#13
Acrolein
Concen: 1.452 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX013384.D
Acq: 12 Nov 2019 14:55

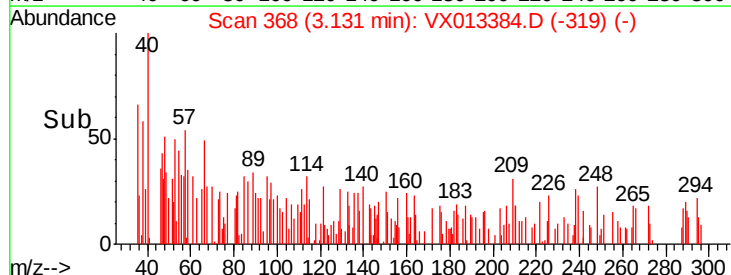
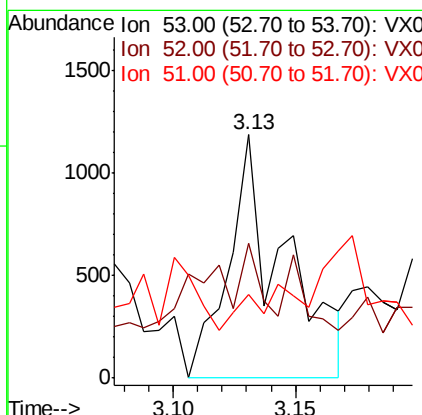
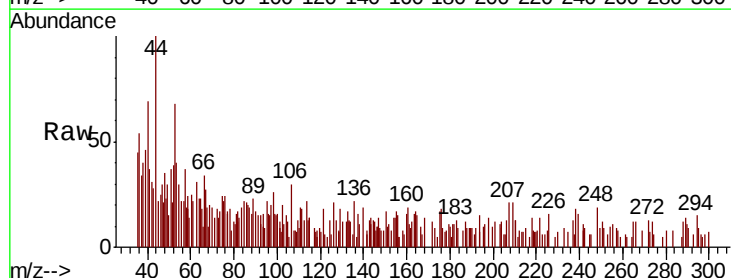
Instrument :
MSVOA_X
ClientSampled :

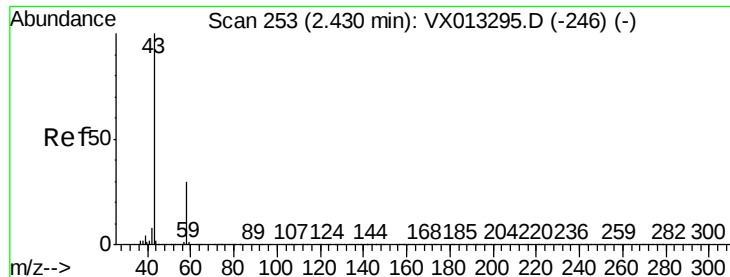
Tot Ion: 56 Resp: 1922
Ion Ratio Lower Upper
56 100
55 15.0 57.4 86.0#



#15
Acrylonitrile
Concen: 0.406 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX013384.D
Acq: 12 Nov 2019 14:55

Tgt Ion: 53 Resp: 1854
Ion Ratio Lower Upper
53 100
52 19.5 67.4 101.0#
51 0.0 29.4 44.2#





#16

Acetone

Concen: 0.280 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013384.D

Acq: 12 Nov 2019 14:55

Instrument :

MSVOA_X

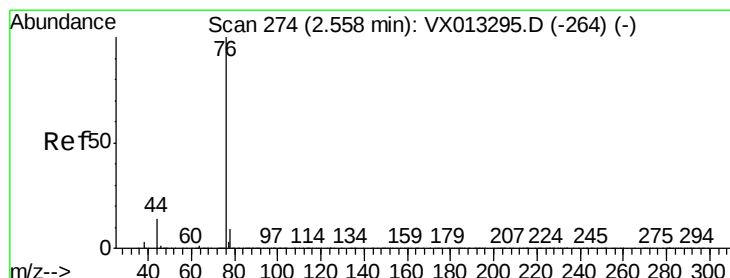
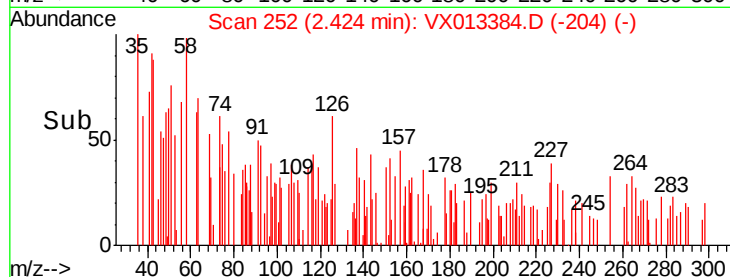
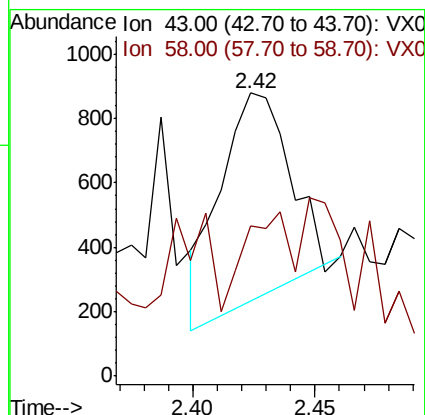
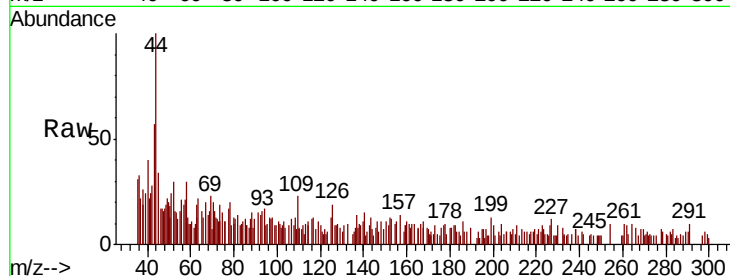
ClientSampleId :

Tot Ion: 43 Resp: 1293

Ion Ratio Lower Upper

43 100

58 20.8 24.3 36.5#



#17

Carbon Disulfide

Concen: 0.209 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013384.D

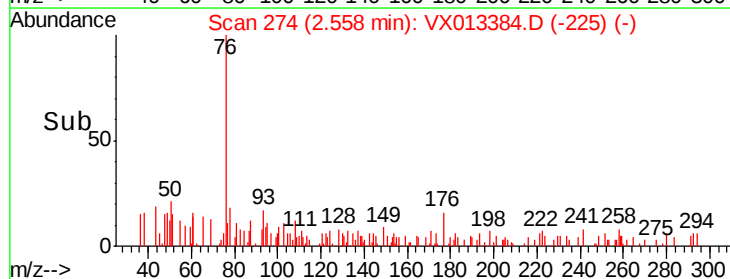
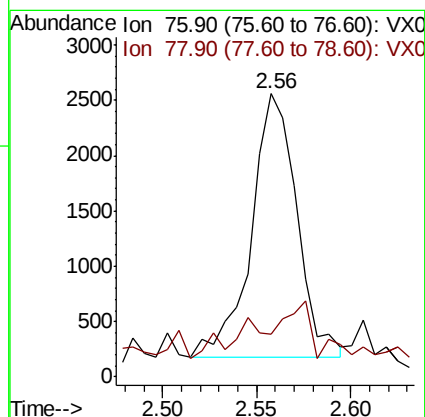
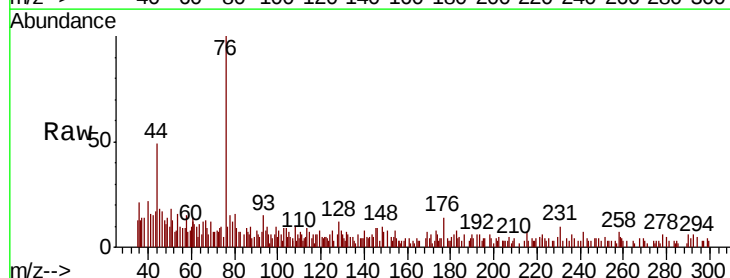
Acq: 12 Nov 2019 14:55

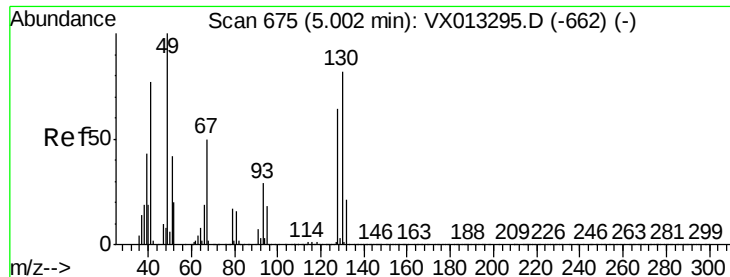
Tgt Ion: 76 Resp: 4021

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6





#28

Bromochloromethane

Concen: 0.255 ug/l

RT: 4.99 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX013384.D

Acq: 12 Nov 2019 14:55

Instrument :
MSVOA_X
ClientSampleId :

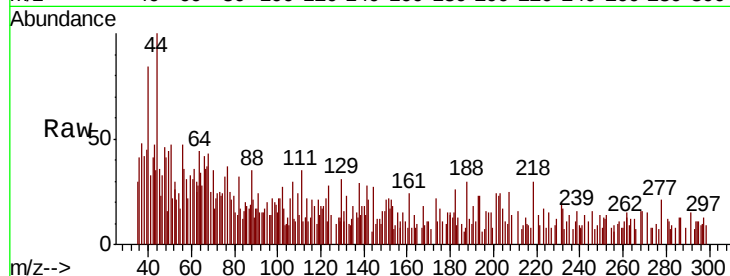
Tot Ion: 49 Resp: 1018

Ion Ratio Lower Upper

49 100

129 40.6 0.0 5.2#

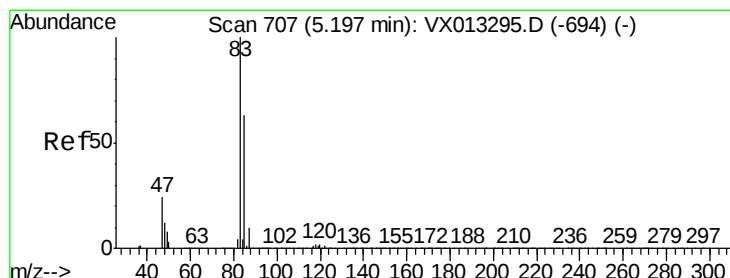
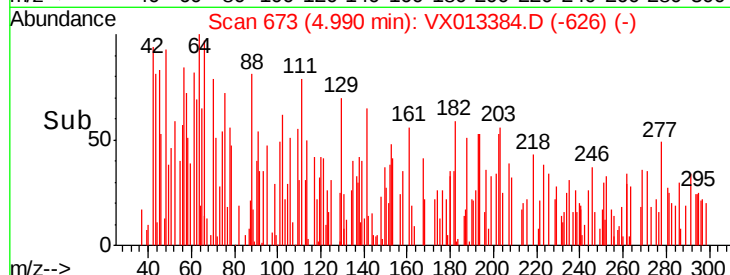
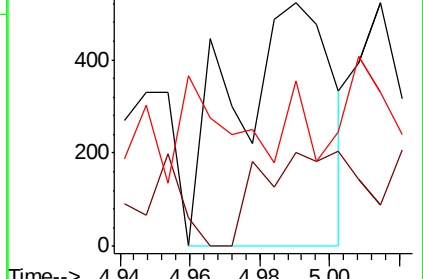
130 36.8 63.8 95.6#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#30

Chloroform

Concen: 0.216 ug/l

RT: 5.19 min Scan# 705

Delta R.T. -0.01 min

Lab File: VX013384.D

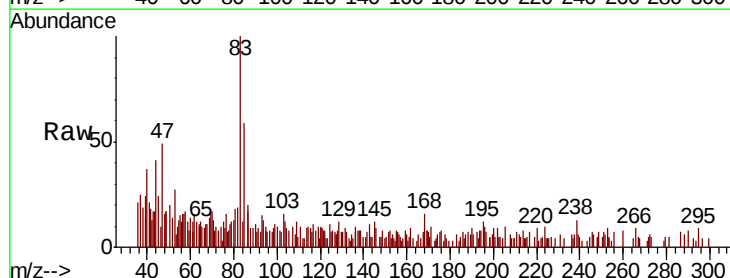
Acq: 12 Nov 2019 14:55

Tgt Ion: 83 Resp: 3009

Ion Ratio Lower Upper

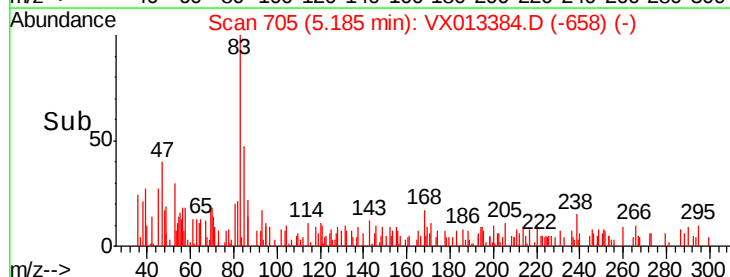
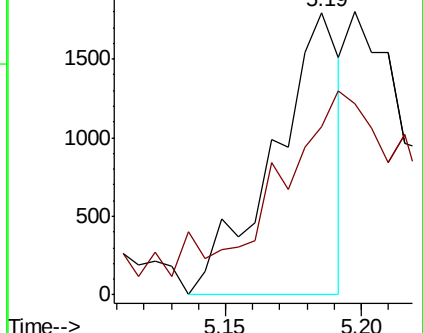
83 100

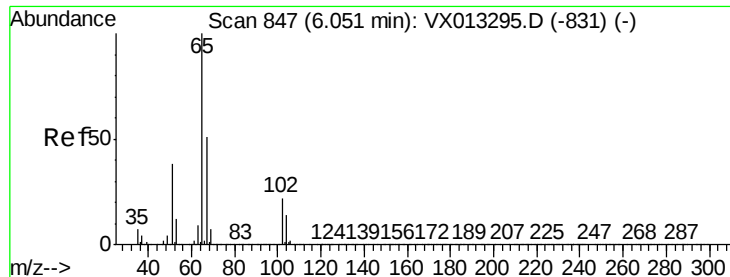
85 36.7 50.2 75.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

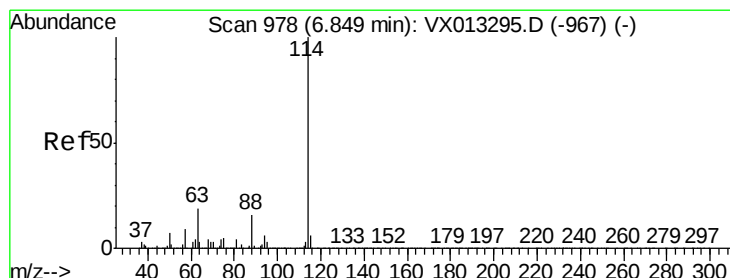
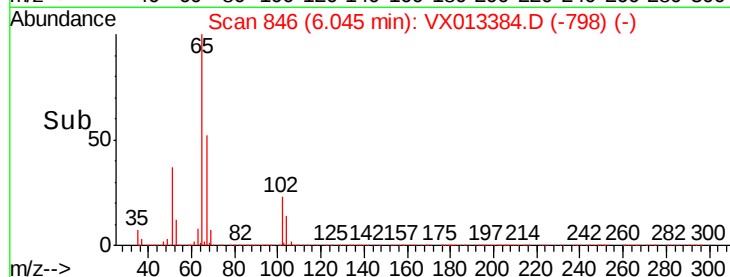
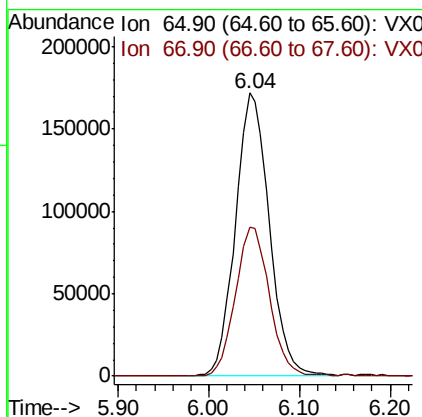
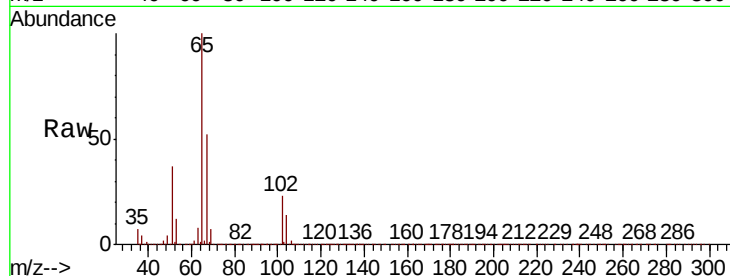




#33
 1,2-Dichloroethane-d4
 Concen: 48.008 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013384.D
 Acq: 12 Nov 2019 14:55

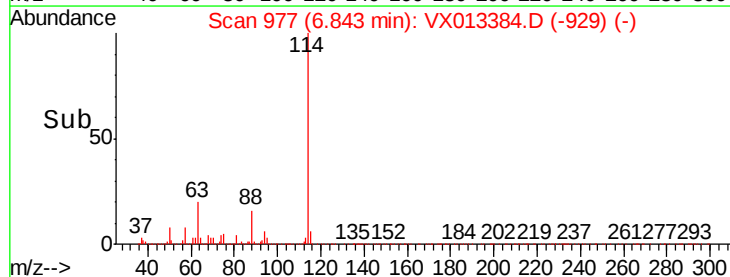
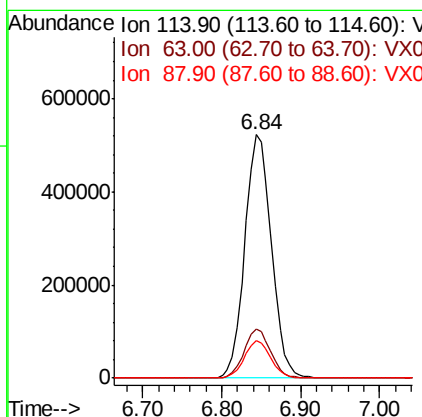
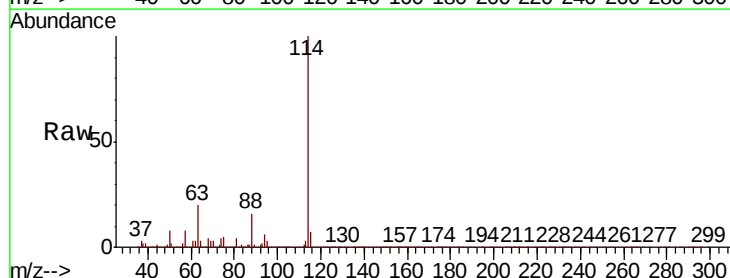
Instrument :
 MSVOA_X
 ClientSampleId :

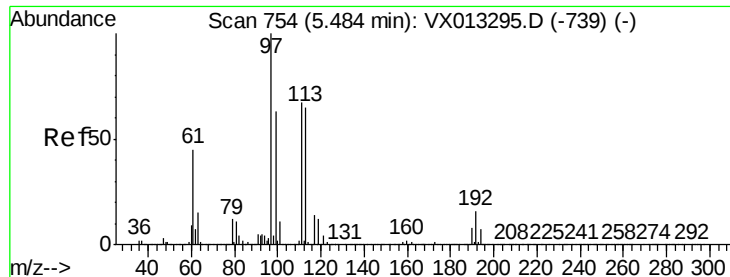
Tot Ion: 65 Resp: 445009
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013384.D
 Acq: 12 Nov 2019 14:55

Tgt Ion: 114 Resp: 1226518
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.4
 88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.507 ug/l

RT: 5.48 min Scan# 754

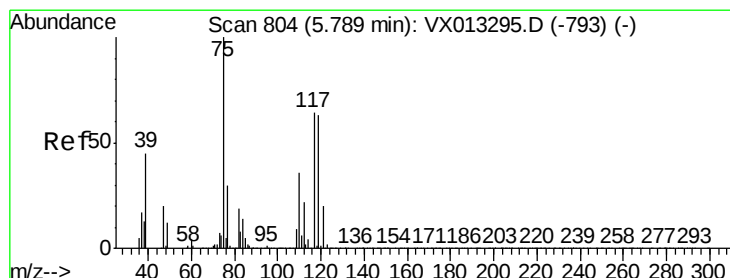
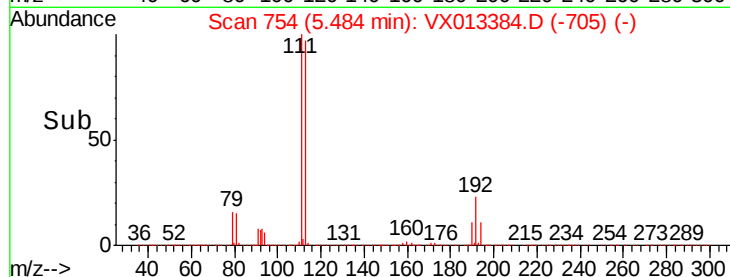
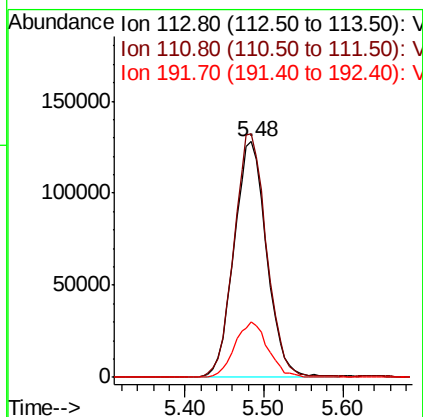
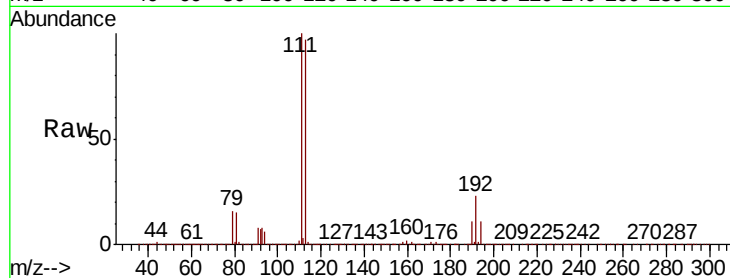
Delta R.T. 0.00 min

Lab File: VX013384.D

Acq: 12 Nov 2019 14:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	365464
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	24.2	19.1	28.7



#36

1,1-Dichloropropene

Concen: 5.009 ug/l

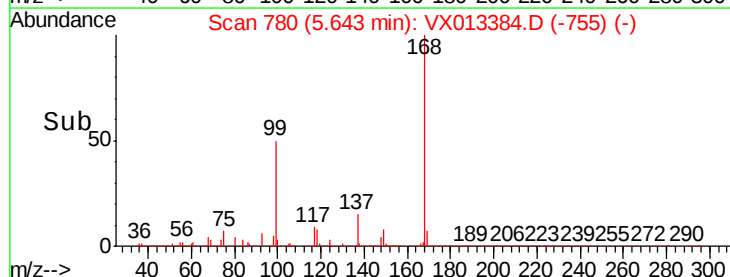
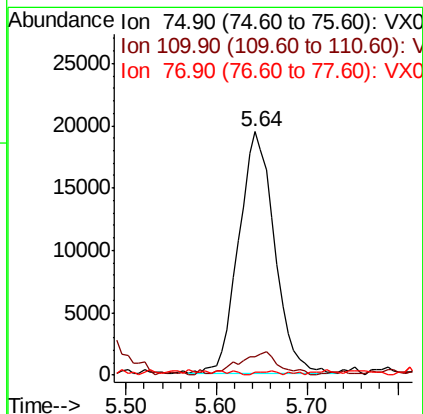
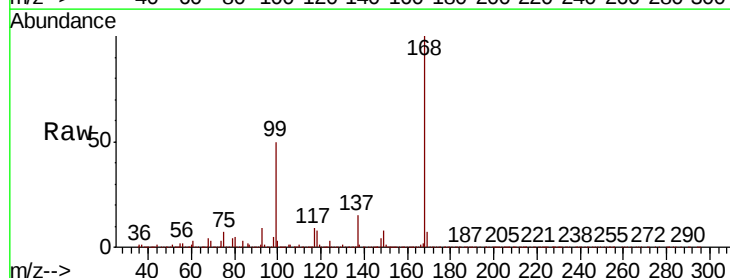
RT: 5.64 min Scan# 780

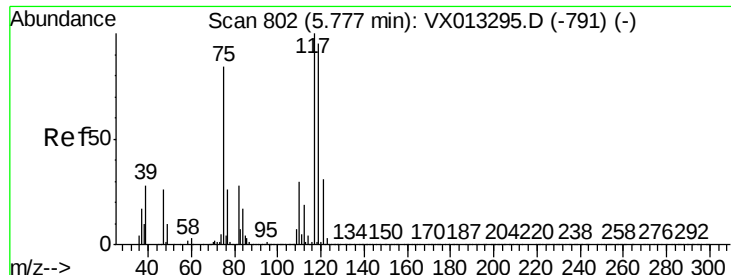
Delta R.T. -0.15 min

Lab File: VX013384.D

Acq: 12 Nov 2019 14:55

Tgt Ion:	75	Resp:	52709
Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.1	54.1#
77	0.9	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 6.727 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX013384.D

Acq: 12 Nov 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

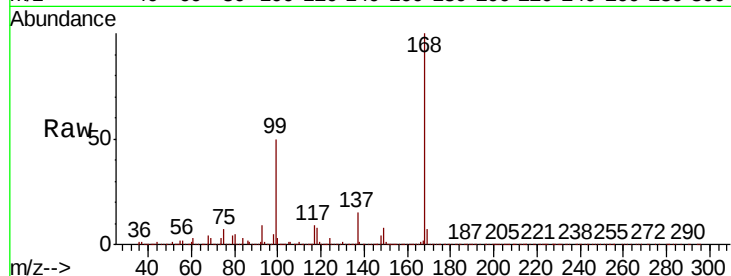
Tot Ion:117 Resp: 69215

Ion Ratio Lower Upper

117 100

119 5.6 76.1 114.1#

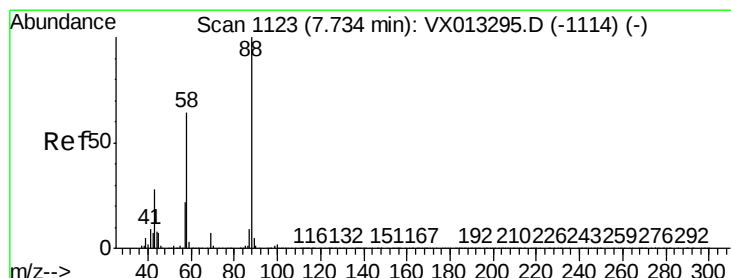
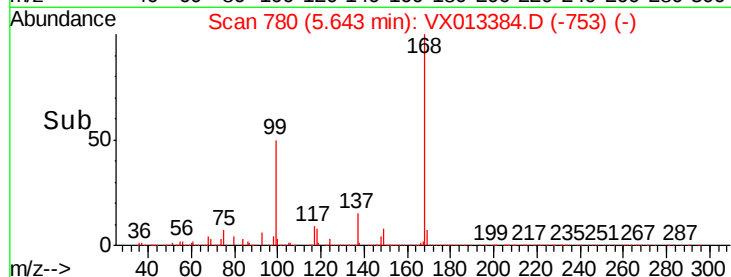
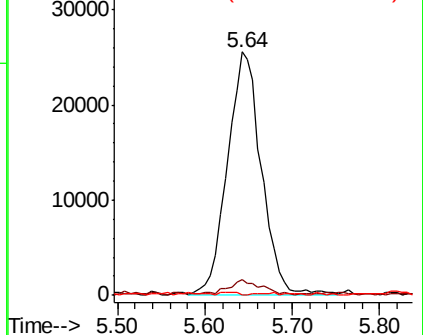
121 0.0 24.6 37.0#



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: 1.638 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.02 min

Lab File: VX013384.D

Acq: 12 Nov 2019 14:55

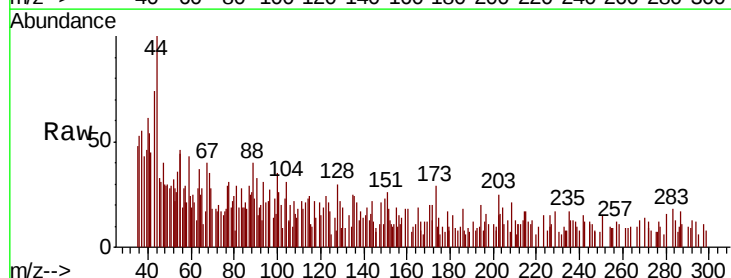
Tgt Ion: 88 Resp: 379

Ion Ratio Lower Upper

88 100

43 250.1 26.6 39.8#

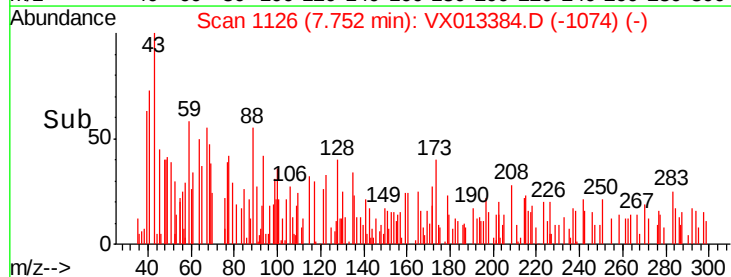
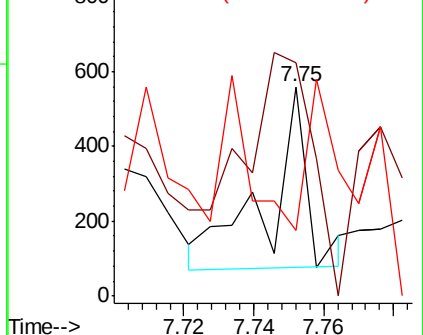
58 61.2 55.0 82.6

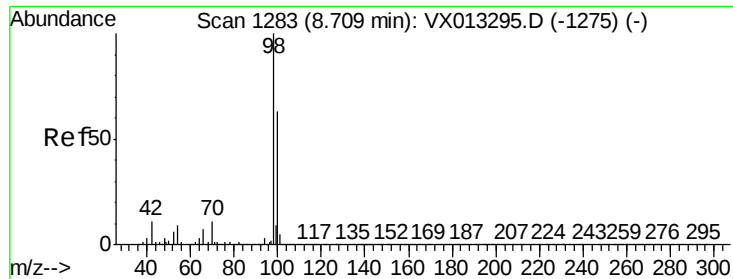


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.370 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013384.D

Acq: 12 Nov 2019 14:55

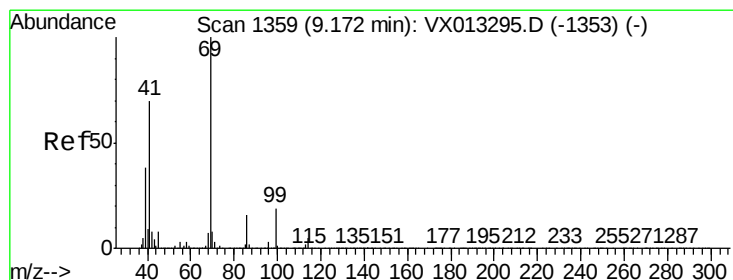
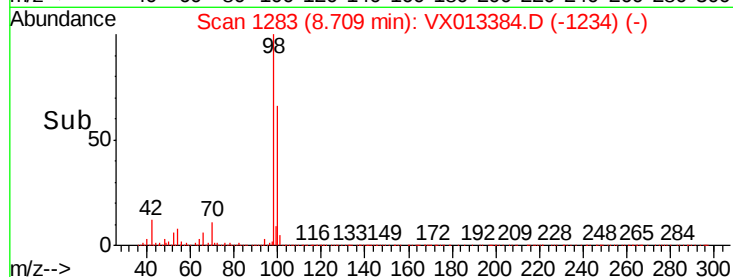
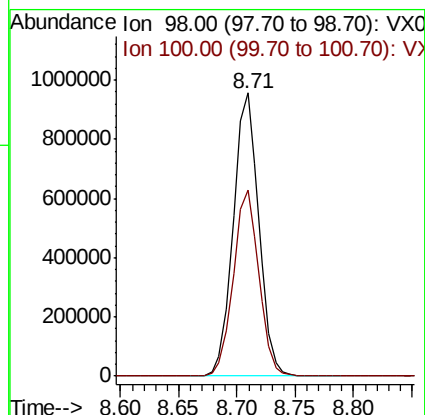
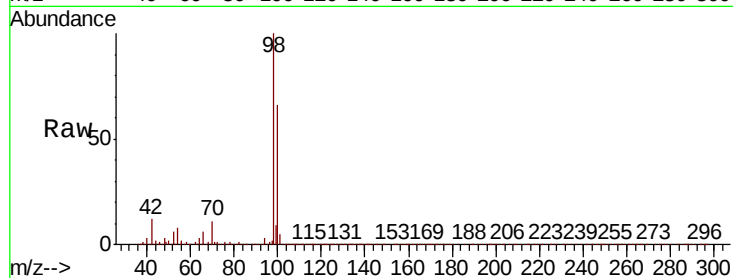
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 1460807

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#56

Ethyl methacrylate

Concen: 1.574 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013384.D

Acq: 12 Nov 2019 14:55

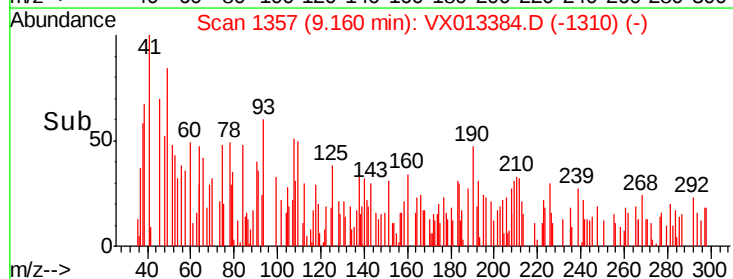
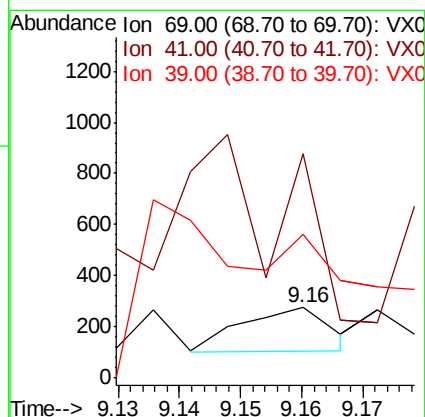
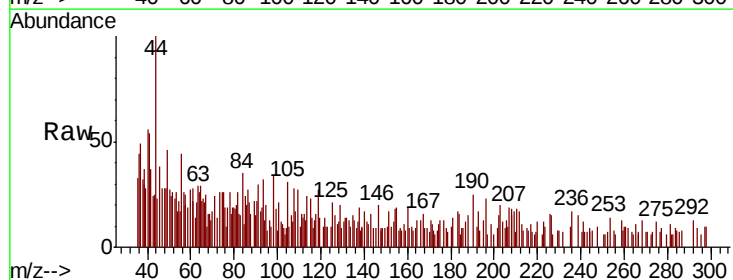
Tgt Ion: 69 Resp: 170

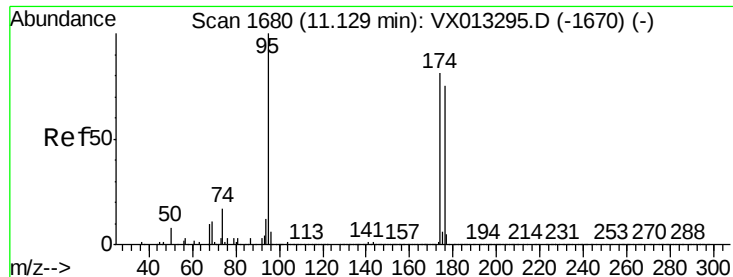
Ion Ratio Lower Upper

69 100

41 993.5 56.2 84.2#

39 0.0 31.1 46.7#

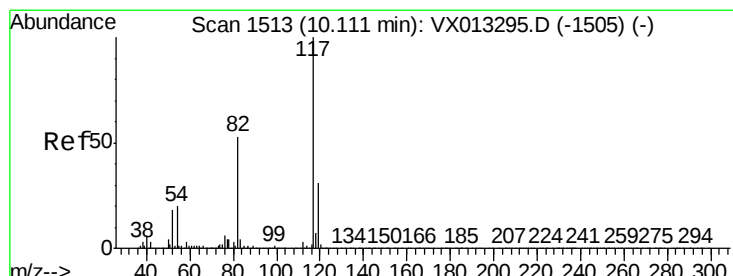
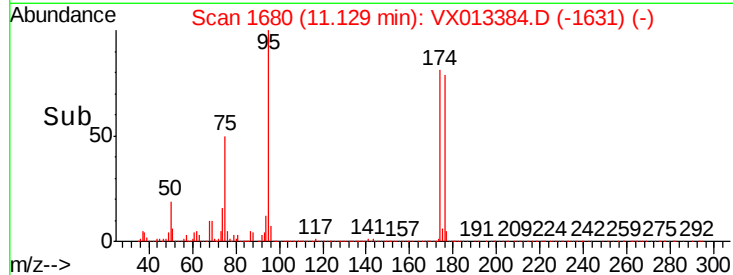
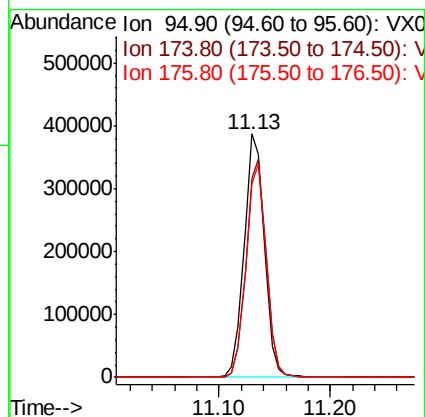
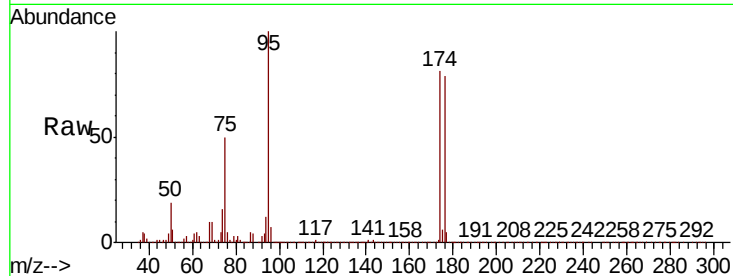




#62
4-Bromofluorobenzene
Concen: 46.510 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013384.D
Acq: 12 Nov 2019 14:55

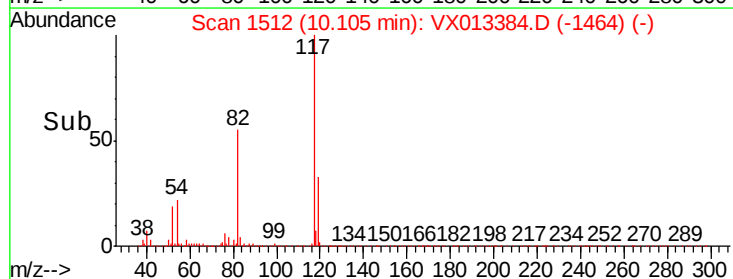
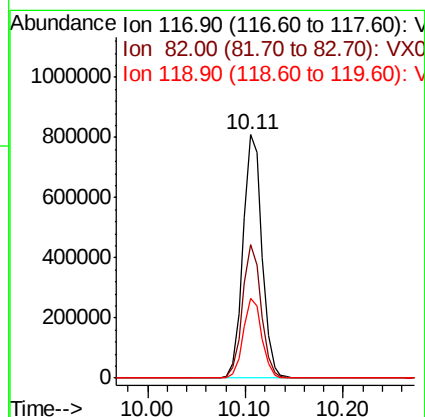
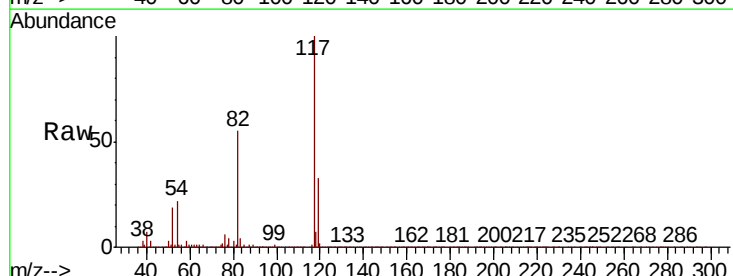
Instrument :
MSVOA_X
ClientSampleId :

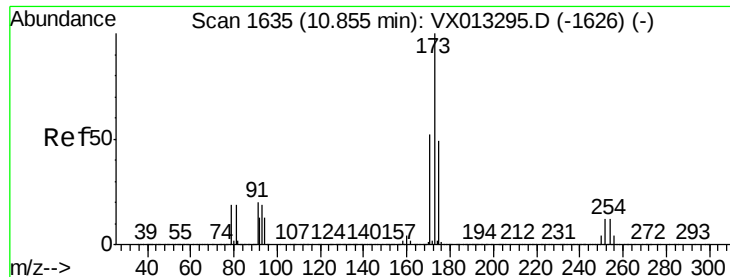
Tot Ion: 95 Resp: 486810
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.8
176 87.3 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013384.D
Acq: 12 Nov 2019 14:55

Tgt Ion: 117 Resp: 1087519
Ion Ratio Lower Upper
117 100
82 54.9 42.6 64.0
119 32.6 24.8 37.2

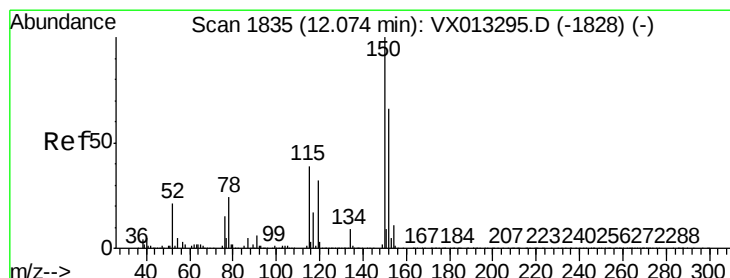
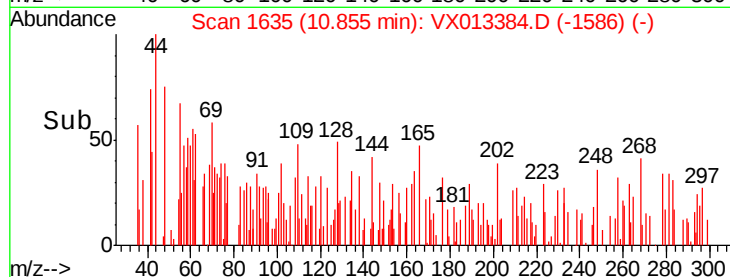
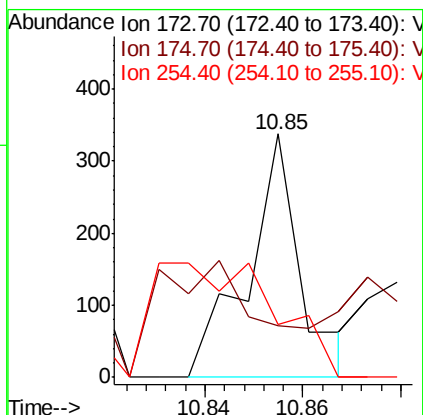
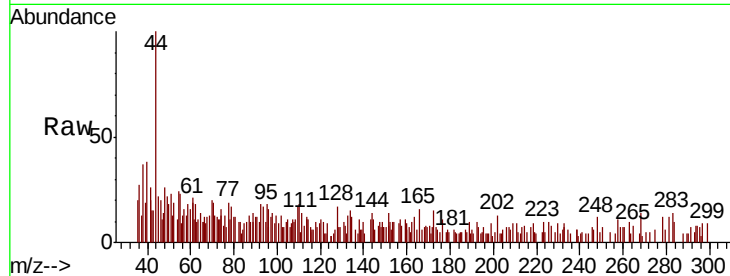




#71
Bromoform
Concen: 3.234 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013384.D
Acq: 12 Nov 2019 14:55

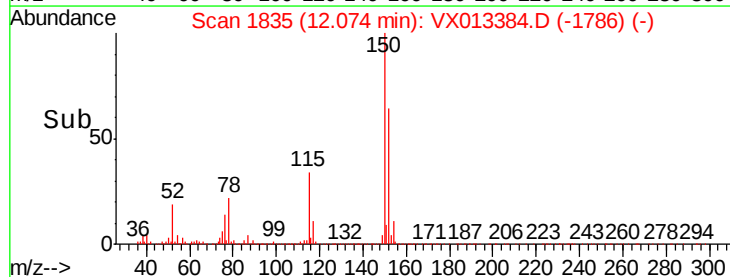
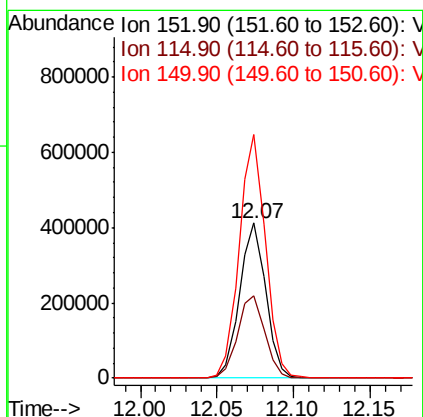
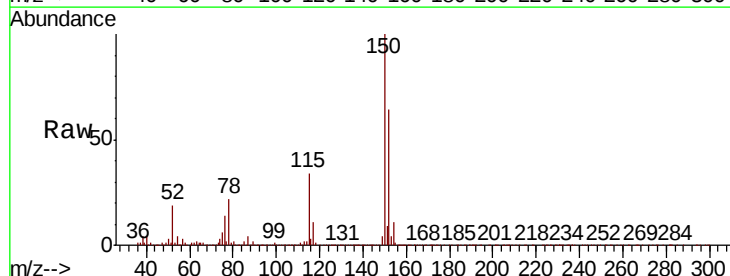
Instrument :
MSVOA_X
ClientSampleId :

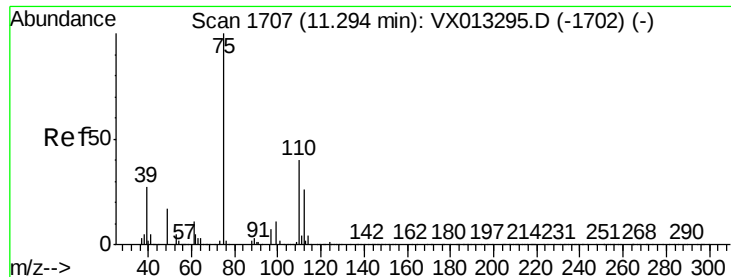
Tot Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.8	74.4#
254	110.0	0.2	0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013384.D
Acq: 12 Nov 2019 14:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.5	118.3
150	156.5	0.0	344.4





#76

1,2,3-Trichloropropane

Concen: 24.161 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013384.D

Acq: 12 Nov 2019 14:55

Instrument :

MSVOA_X

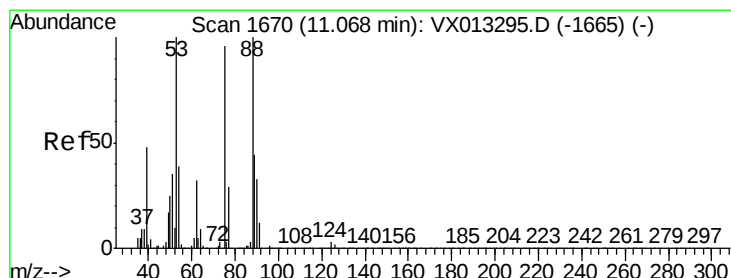
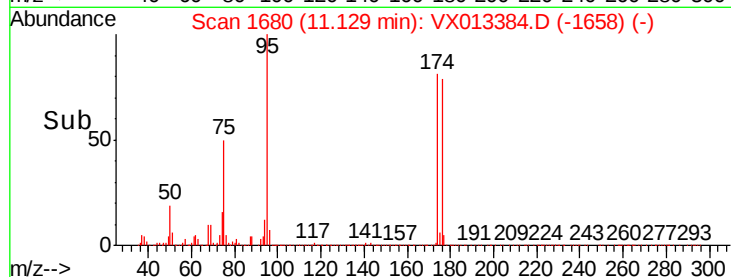
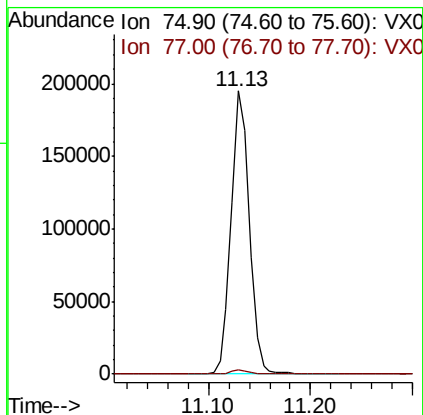
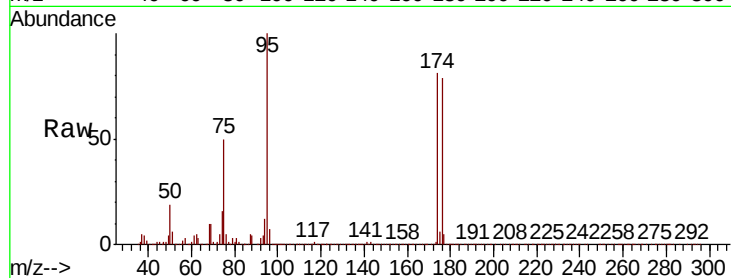
ClientSampleId :

Tot Ion: 75 Resp: 240269

Ion Ratio Lower Upper

75 100

77 1.3 22.3 66.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.190 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013384.D

Acq: 12 Nov 2019 14:55

Tgt Ion: 75 Resp: 240269

Ion Ratio Lower Upper

75 100

53 0.4 81.0 121.6#

89 0.0 36.0 54.0#

