

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110119\
 Data File : VX013308.D
 Acq On : 01 Nov 2019 13:57
 Operator : JC/SP
 Sample : K5655-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:28:45 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	730286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1114964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	988709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	458608	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	416272	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
35) Dibromofluoromethane	5.49	113	336680	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
50) Toluene-d8	8.71	98	1326539	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.14	95	436059	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	

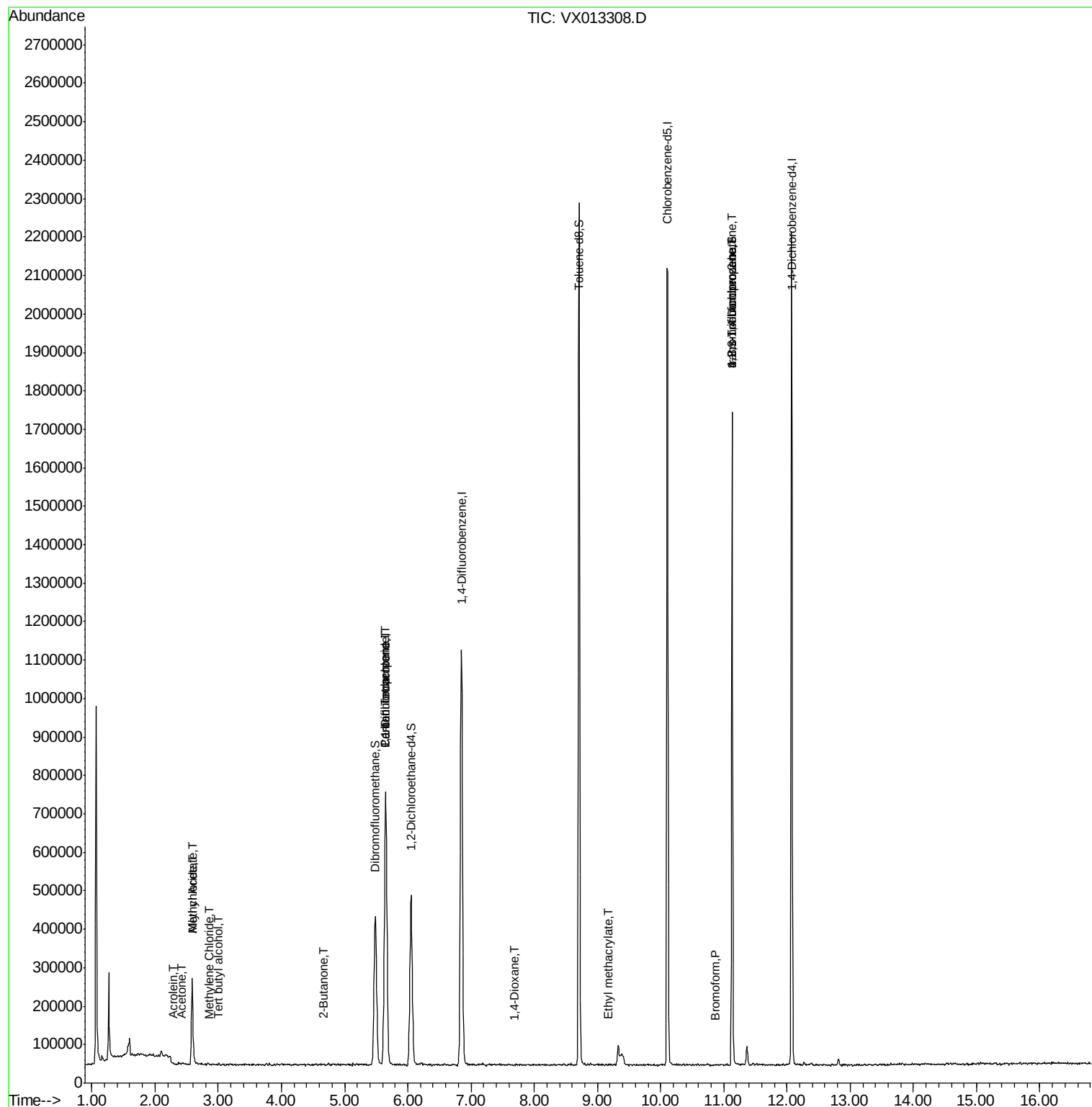
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.73	64	812	Below Cal	#	43
11) Tert butyl alcohol	3.00	59	1929	0.846	ug/l #	78
13) Acrolein	2.28	56	432	0.350	ug/l #	51
14) Allyl chloride	2.59	41	23097	1.898	ug/l #	74
16) Acetone	2.42	43	3479	0.806	ug/l #	78
18) Methyl Acetate	2.59	43	58205	4.886	ug/l #	53
20) Methylene Chloride	2.86	84	1911	0.240	ug/l #	87
25) 2-Butanone	4.67	43	1483	0.234	ug/l #	88
36) 1,1-Dichloropropene	5.65	75	49682	5.194	ug/l #	52
38) Carbon Tetrachloride	5.65	117	65514	7.004	ug/l #	15
49) 1,4-Dioxane	7.70	88	1083	5.147	ug/l	90
56) Ethyl methacrylate	9.18	69	309	1.586	ug/l #	22
71) Bromoform	10.85	173	442	3.263	ug/l #	28
76) 1,2,3-Trichloropropane	11.14	75	221408	23.769	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.14	75	221408	61.181	ug/l #	10

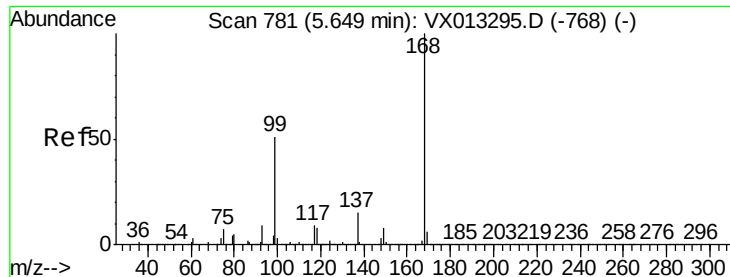
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013308.D

Acq: 01 Nov 2019 13:57

Instrument :

MSVOA_X

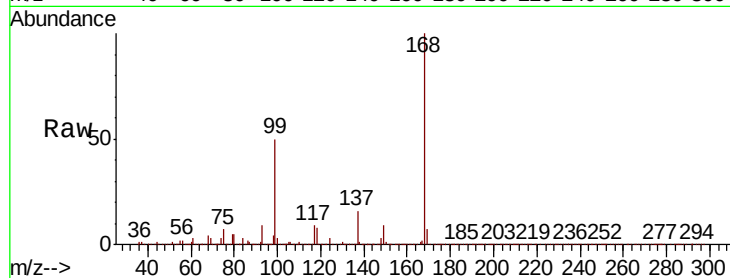
ClientSampleId :

Tot Ion:168 Resp: 730286

Ion Ratio Lower Upper

168 100

99 49.8 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

250000

200000

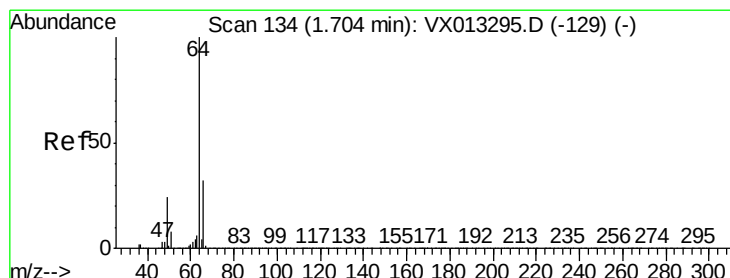
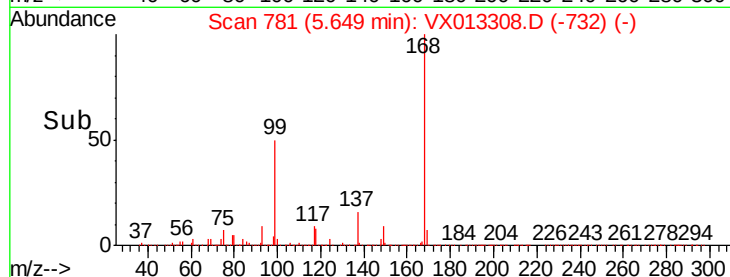
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 138

Delta R.T. 0.02 min

Lab File: VX013308.D

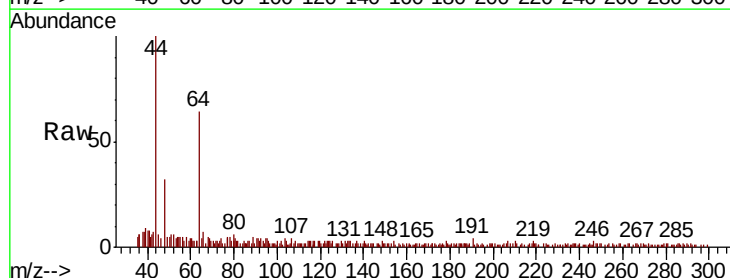
Acq: 01 Nov 2019 13:57

Tgt Ion: 64 Resp: 812

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

6000

5000

4000

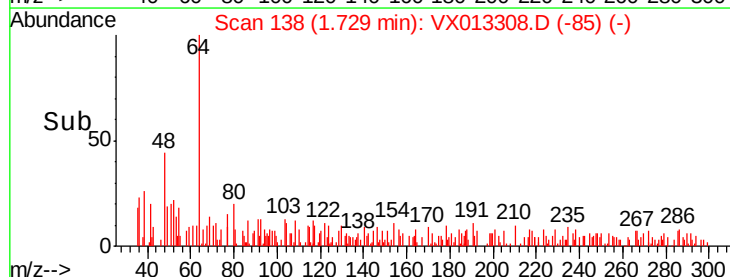
3000

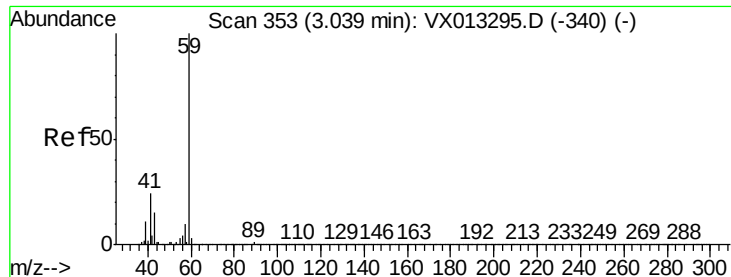
2000

1000

0

Time-->



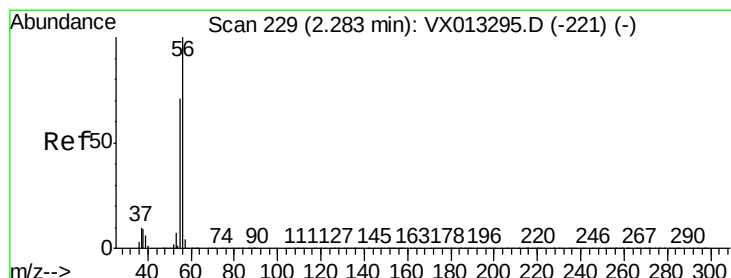
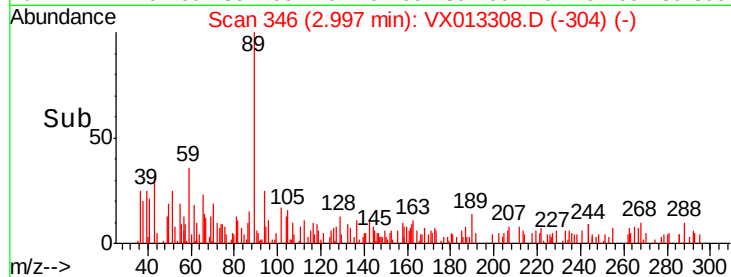
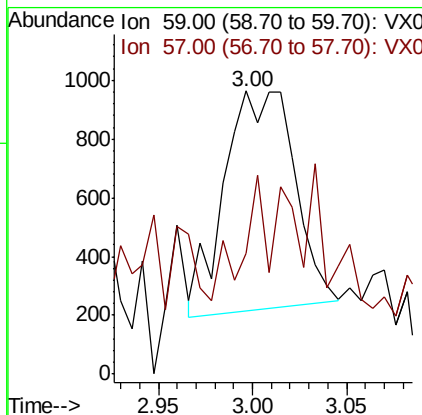
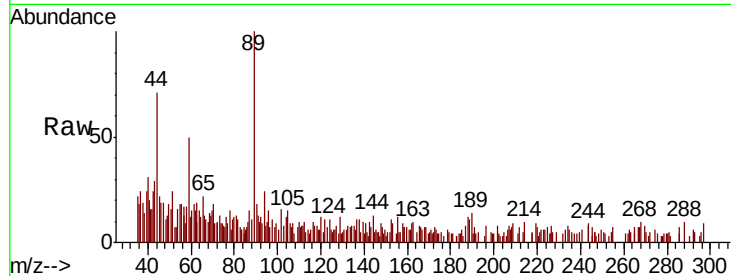


#11

Tert butyl alcohol
Concen: 0.846 ug/l
RT: 3.00 min Scan# 346
Delta R.T. -0.04 min
Lab File: VX013308.D
Acq: 01 Nov 2019 13:57

Instrument :
MSVOA_X
ClientSampled :

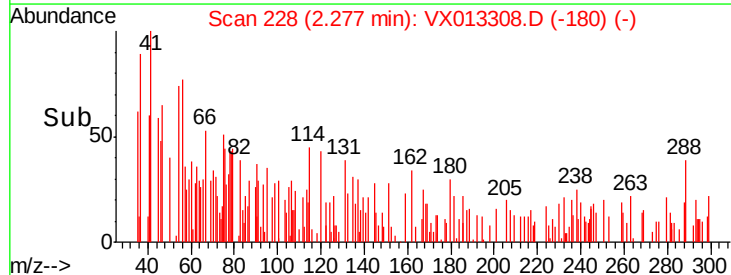
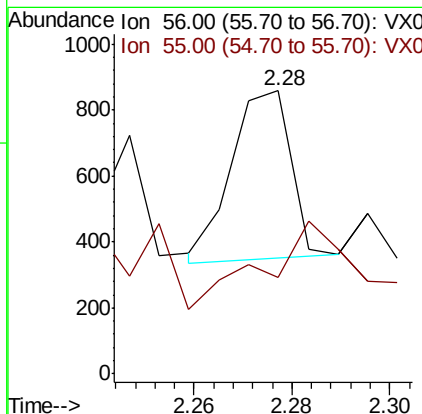
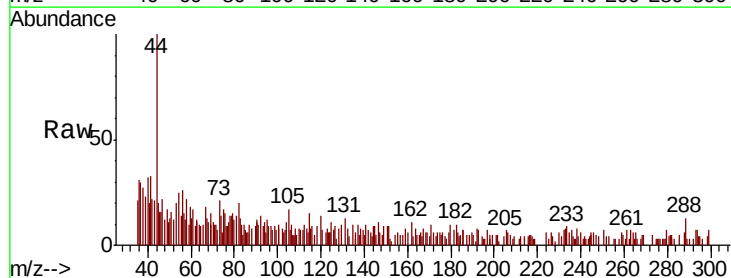
Tot Ion: 59 Resp: 1929
Ion Ratio Lower Upper
59 100
57 18.2 8.0 12.0#

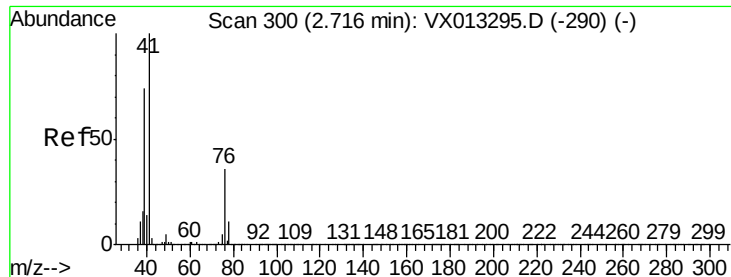


#13

Acrolein
Concen: 0.350 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX013308.D
Acq: 01 Nov 2019 13:57

Tgt Ion: 56 Resp: 432
Ion Ratio Lower Upper
56 100
55 30.8 57.4 86.0#

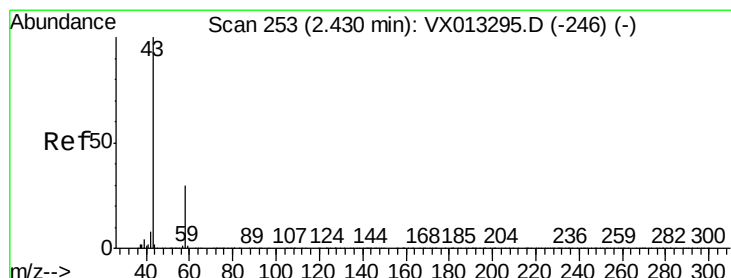
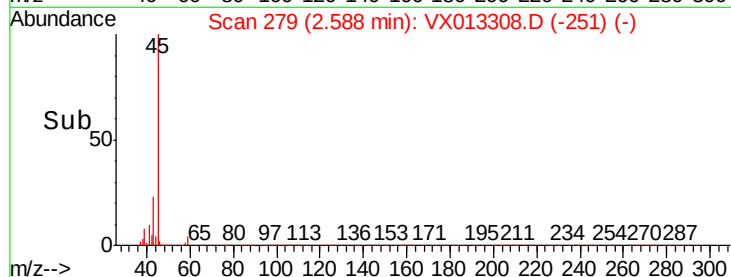
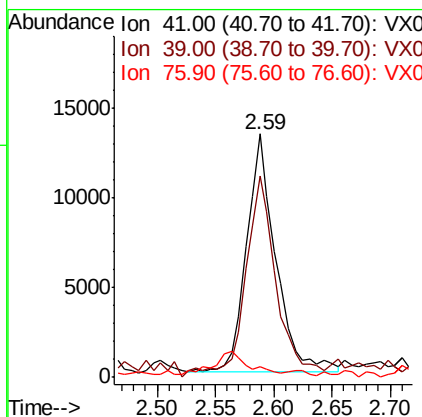
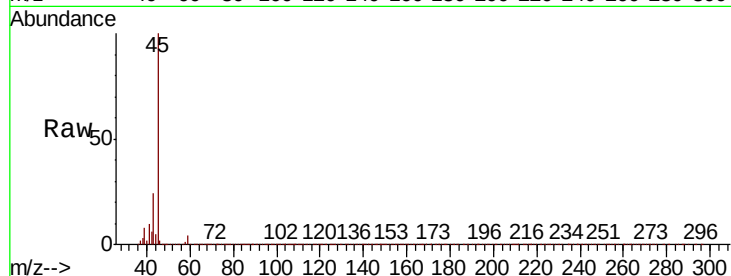




#14
Allvl chloride
Concen: 1.898 ug/l
RT: 2.59 min Scan# 279
Delta R.T. -0.13 min
Lab File: VX013308.D
Acq: 01 Nov 2019 13:57

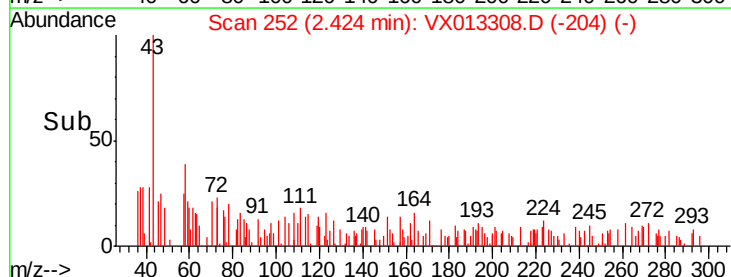
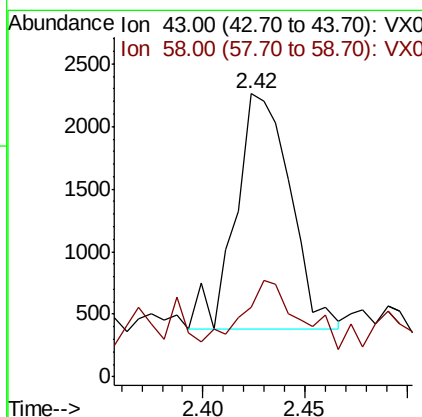
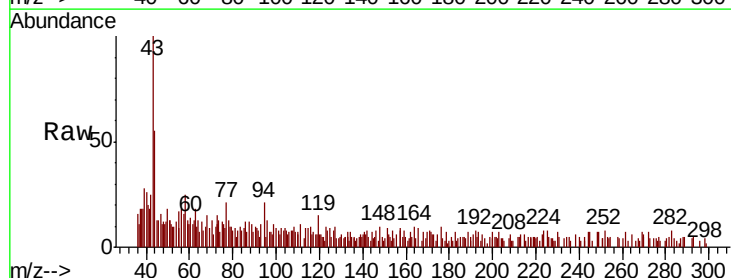
Instrument :
MSVOA_X
ClientSampleId :

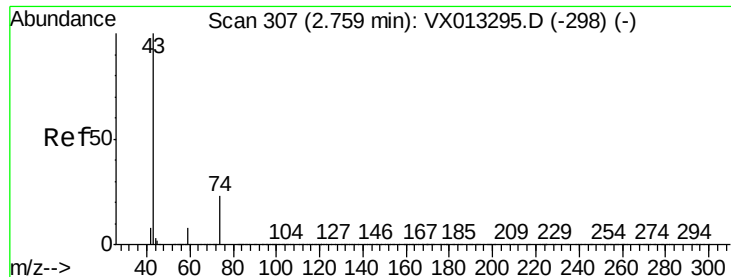
Tot Ion	Ratio	Lower	Upper
41	100		
39	79.0	55.8	83.8
76	0.0	26.4	39.6#



#16
Acetone
Concen: 0.806 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX013308.D
Acq: 01 Nov 2019 13:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	18.3	24.3	36.5#





#18

Methyl Acetate

Concen: 4.886 ug/l

RT: 2.59 min Scan# 279

Delta R.T. -0.17 min

Lab File: VX013308.D

Acq: 01 Nov 2019 13:57

Instrument :

MSVOA_X

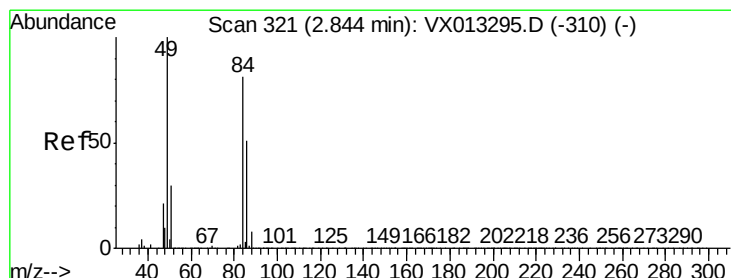
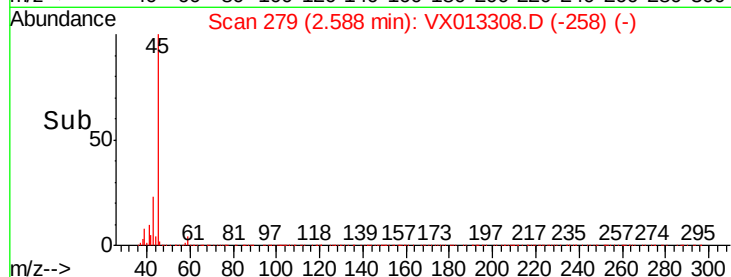
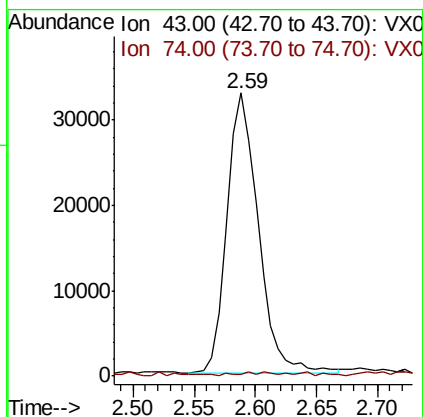
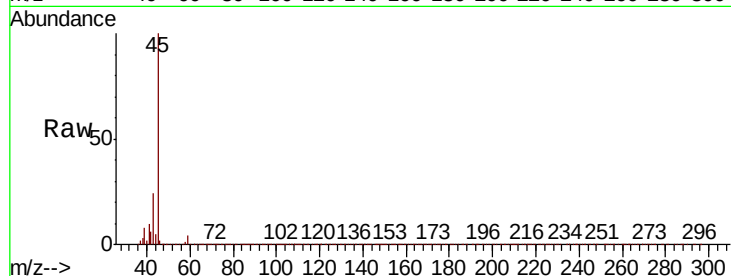
ClientSampled :

Tot Ion: 43 Resp: 58205

Ion Ratio Lower Upper

43 100

74 0.5 19.0 28.6#



#20

Methylene Chloride

Concen: 0.240 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX013308.D

Acq: 01 Nov 2019 13:57

Tgt Ion: 84 Resp: 1911

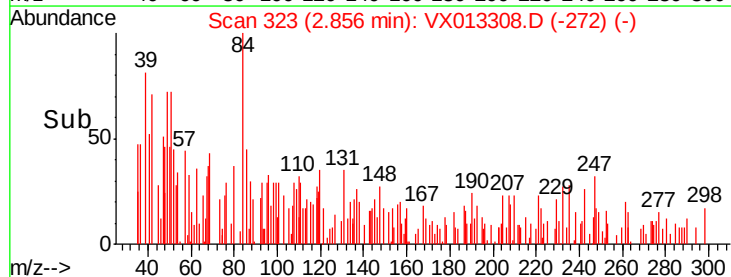
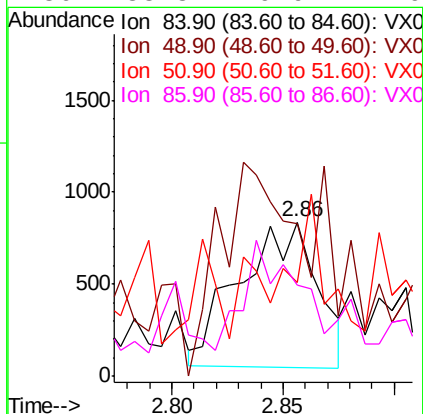
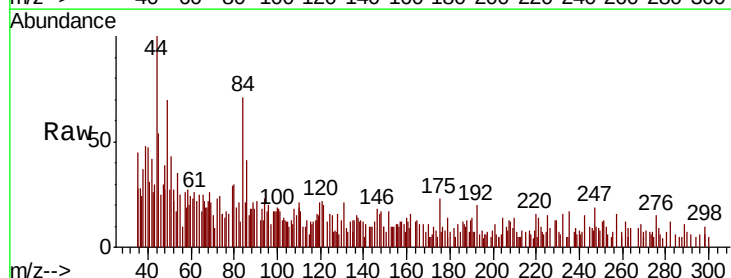
Ion Ratio Lower Upper

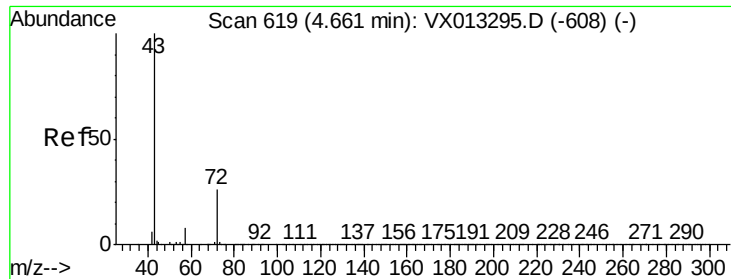
84 100

49 119.1 98.2 147.4

51 28.9 29.9 44.9#

86 38.8 49.9 74.9#





#25

2-Butanone

Concen: 0.234 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013308.D

Acq: 01 Nov 2019 13:57

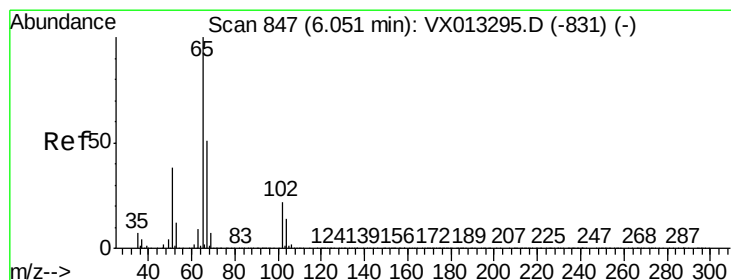
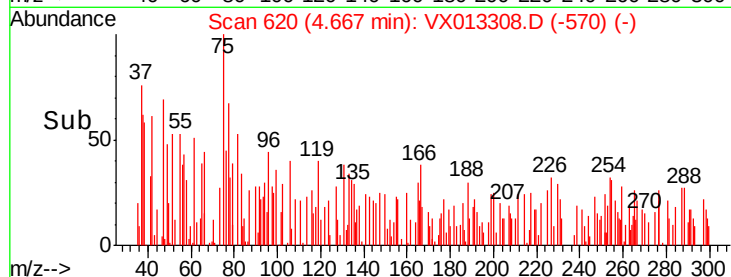
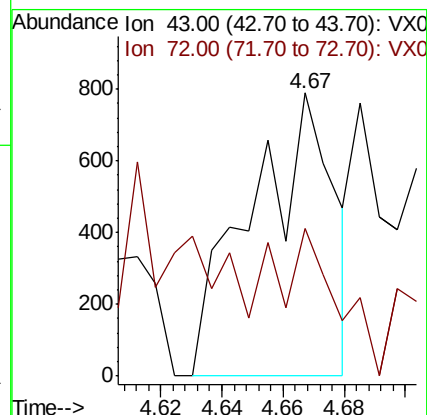
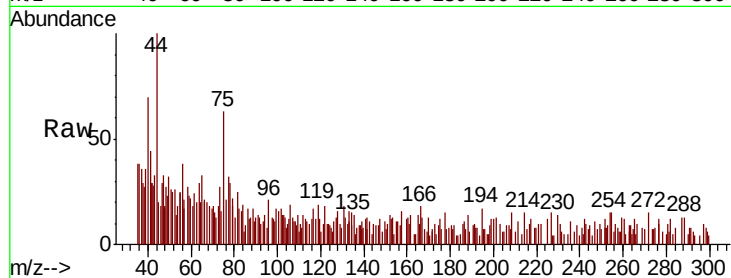
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1483

Ion Ratio Lower Upper

43 100

72 32.4 21.0 31.6#



#33

1,2-Dichloroethane-d4

Concen: 48.114 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013308.D

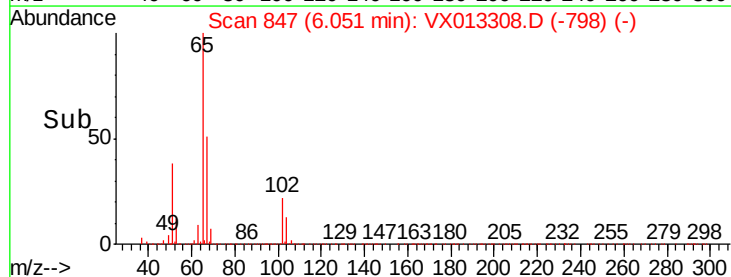
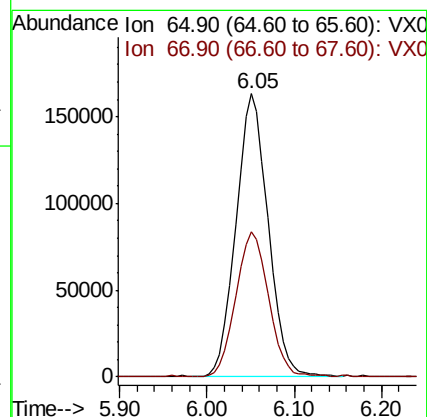
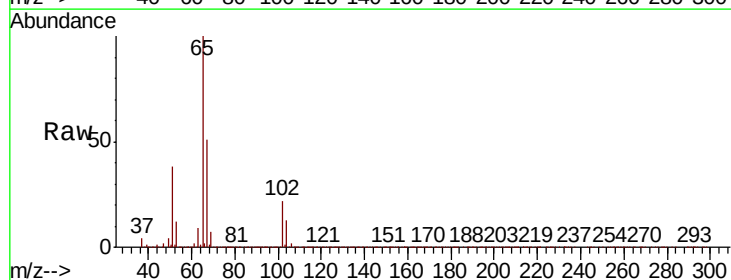
Acq: 01 Nov 2019 13:57

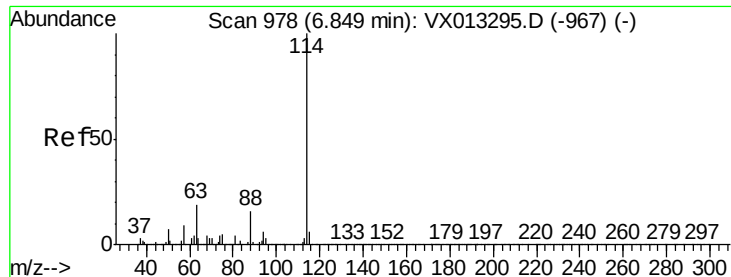
Tgt Ion: 65 Resp: 416272

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.2

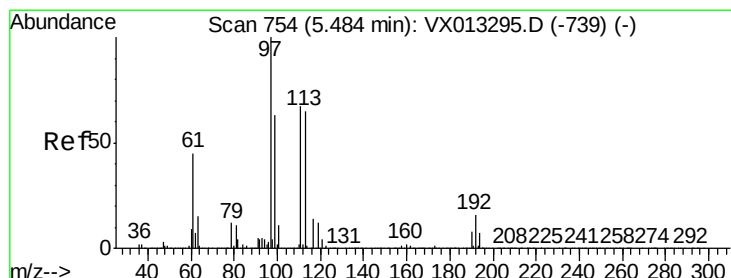
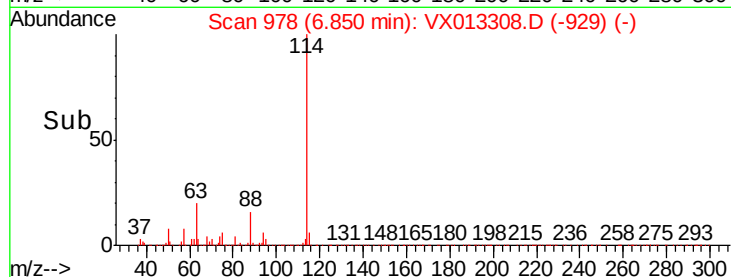
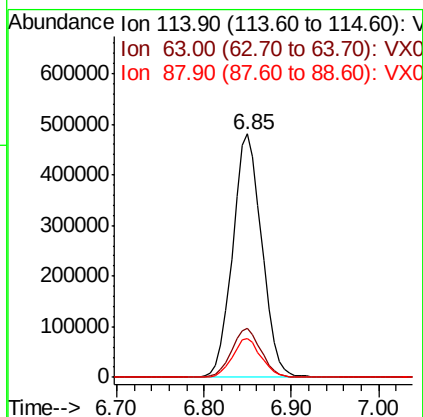
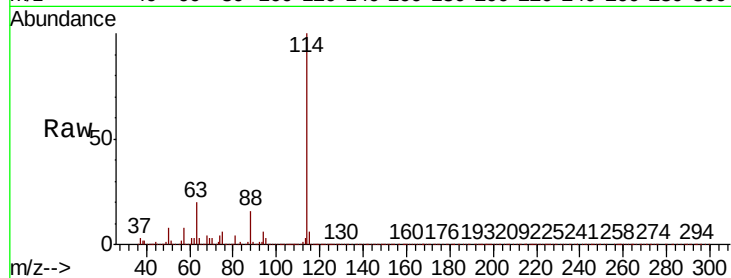




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013308.D
Acq: 01 Nov 2019 13:57

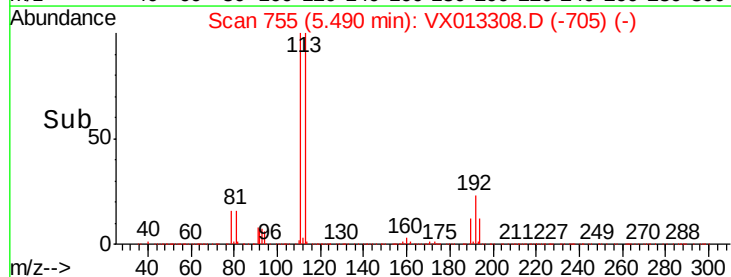
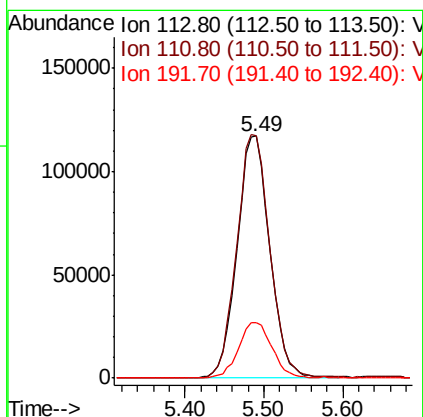
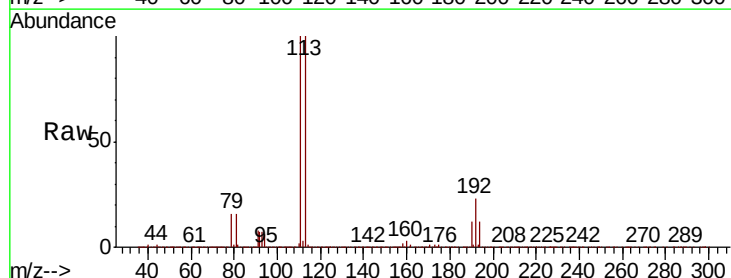
Instrument :
MSVOA_X
ClientSampleId :

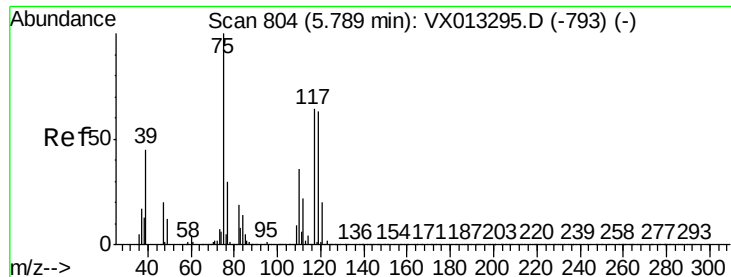
Tot Ion:114 Resp: 1114964
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.4
88 15.8 0.0 32.2



#35
Dibromofluoromethane
Concen: 48.144 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013308.D
Acq: 01 Nov 2019 13:57

Tgt Ion:113 Resp: 336680
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 23.7 19.1 28.7

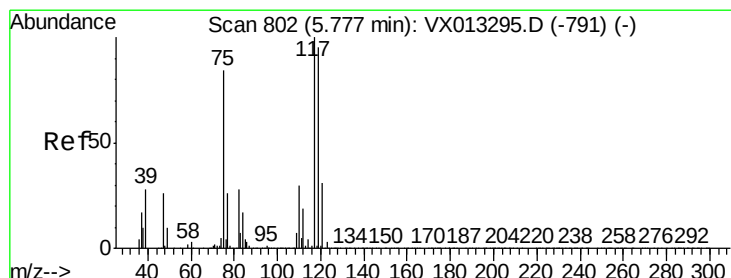
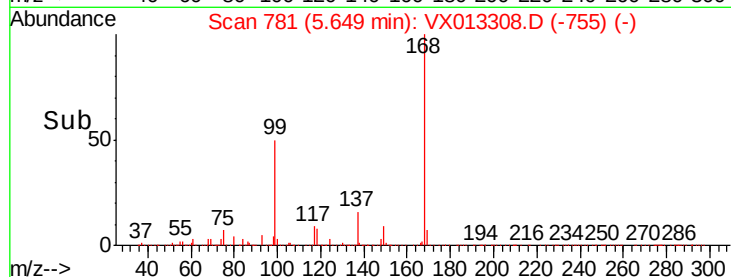
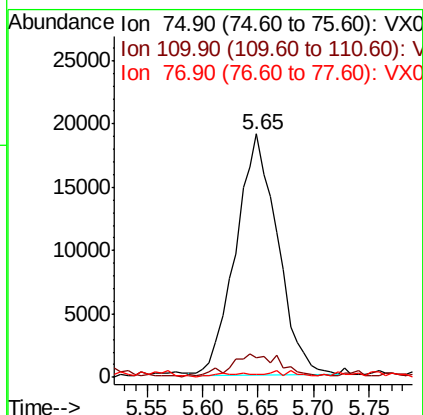
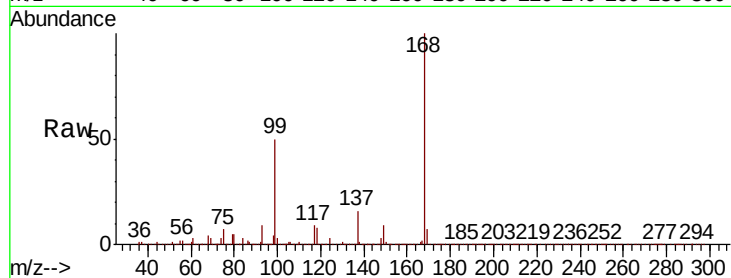




#36
 1,1-Dichloropropene
 Concen: 5.194 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013308.D
 Acq: 01 Nov 2019 13:57

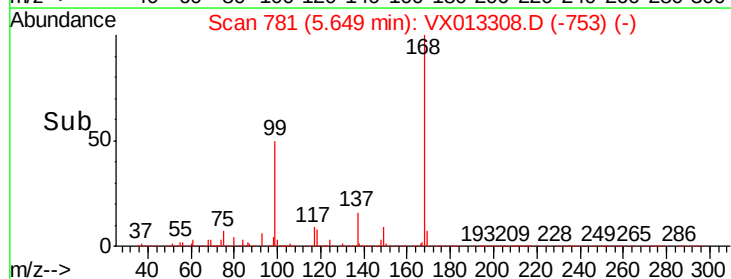
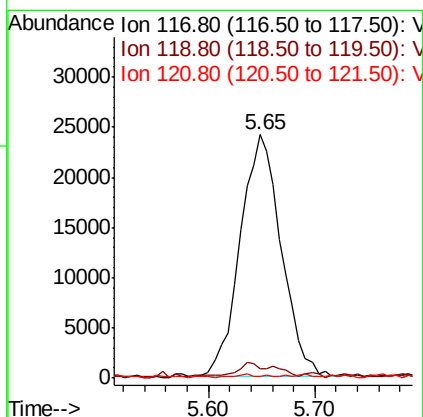
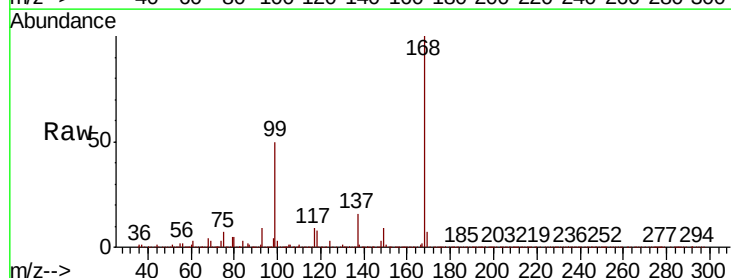
Instrument :
 MSVOA_X
 ClientSampled :

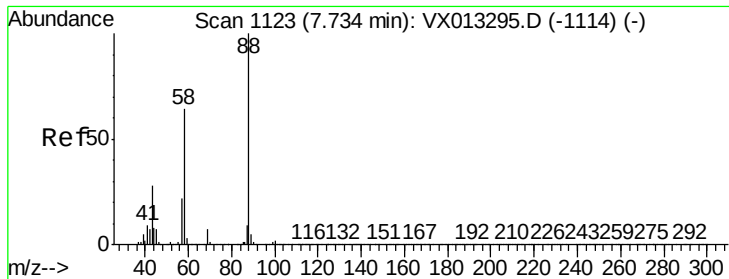
Tot Ion	Ratio	Lower	Upper
75	100		
110	12.3	18.1	54.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.004 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013308.D
 Acq: 01 Nov 2019 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.6	76.1	114.1#
121	0.0	24.6	37.0#

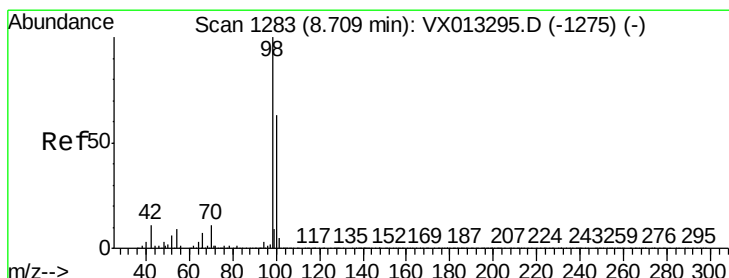
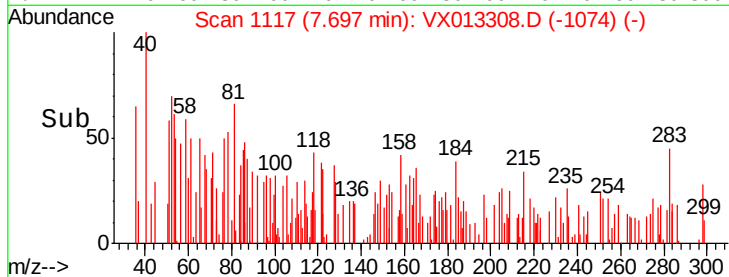
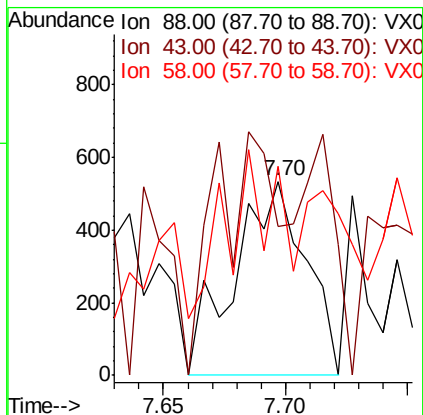
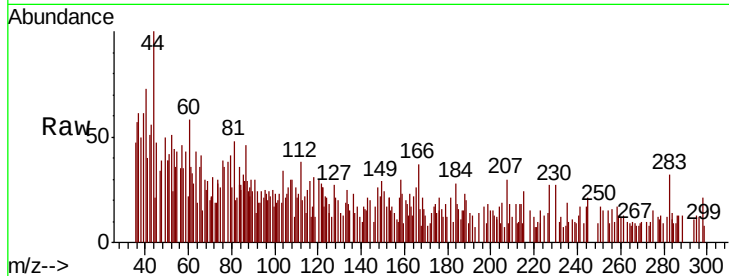




#49
1,4-Dioxane
Concen: 5.147 ug/l
RT: 7.70 min Scan# 1117
Delta R.T. -0.04 min
Lab File: VX013308.D
Acq: 01 Nov 2019 13:57

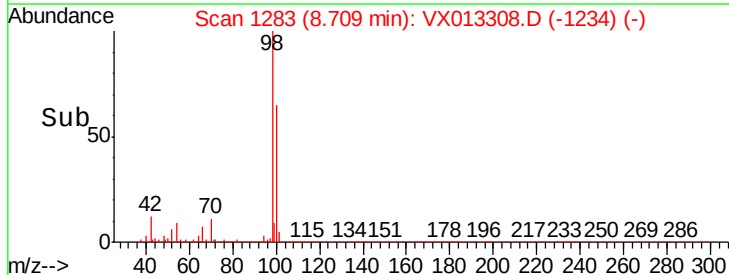
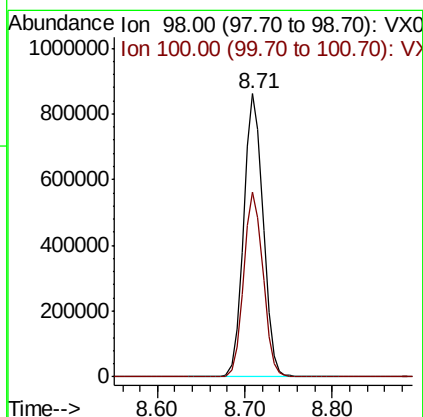
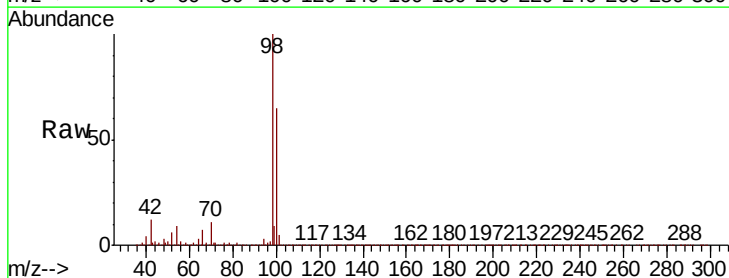
Instrument :
MSVOA_X
ClientSampleId :

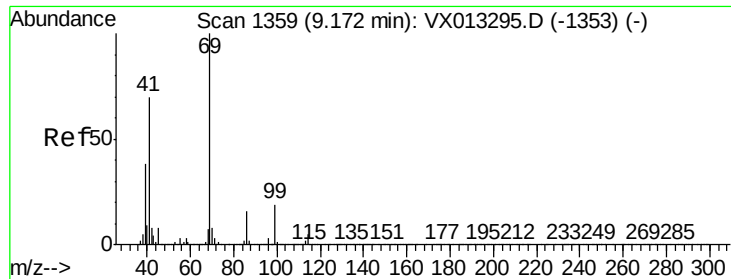
Tot Ion: 88 Resp: 1083
Ion Ratio Lower Upper
88 100
43 38.4 26.6 39.8
58 60.0 55.0 82.6



#50
Toluene-d8
Concen: 50.317 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013308.D
Acq: 01 Nov 2019 13:57

Tgt Ion: 98 Resp: 1326539
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

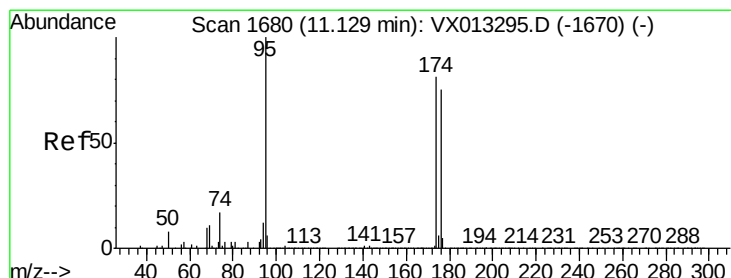
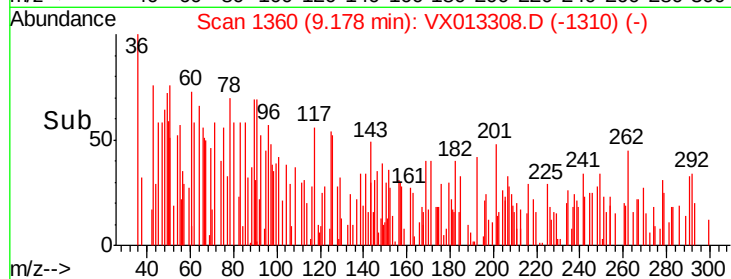
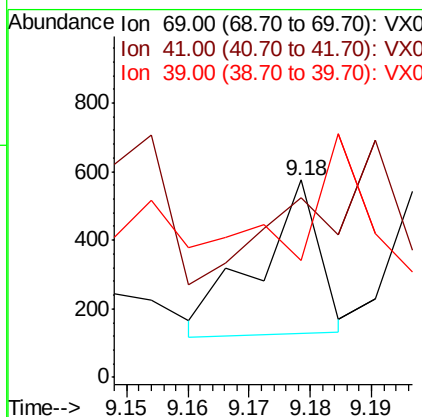
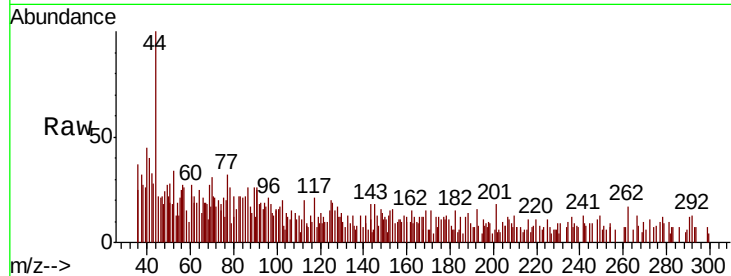




#56
Ethyl methacrylate
Concen: 1.586 ug/l
RT: 9.18 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VX013308.D
Acq: 01 Nov 2019 13:57

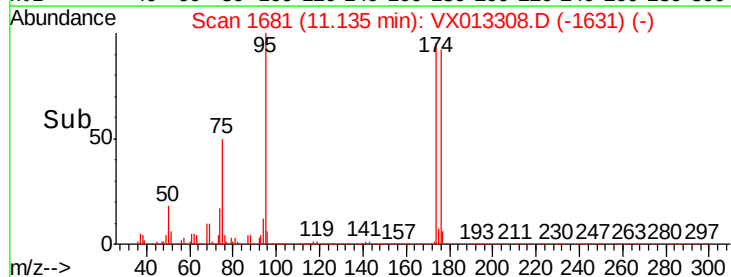
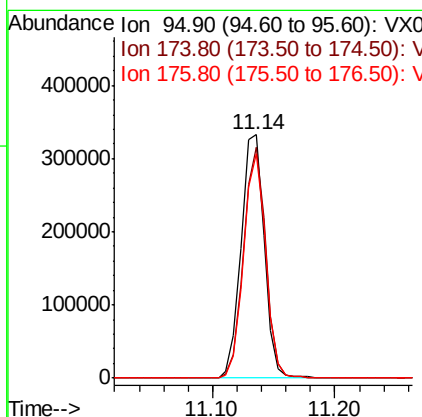
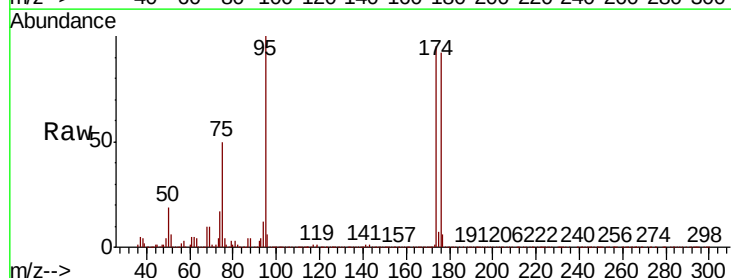
Instrument :
MSVOA_X
ClientSampled :

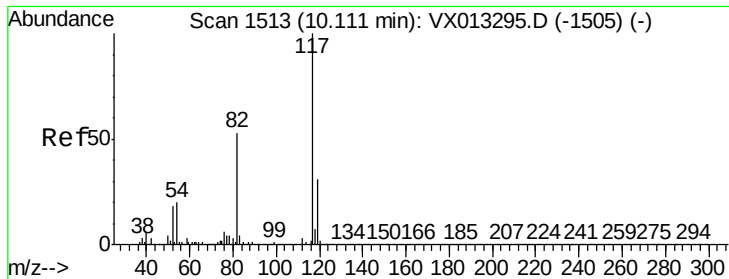
Tot Ion: 69 Resp: 309
Ion Ratio Lower Upper
69 100
41 0.0 56.2 84.2#
39 0.0 31.1 46.7#



#62
4-Bromofluorobenzene
Concen: 45.830 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013308.D
Acq: 01 Nov 2019 13:57

Tgt Ion: 95 Resp: 436059
Ion Ratio Lower Upper
95 100
174 90.8 0.0 179.8
176 88.3 0.0 173.0

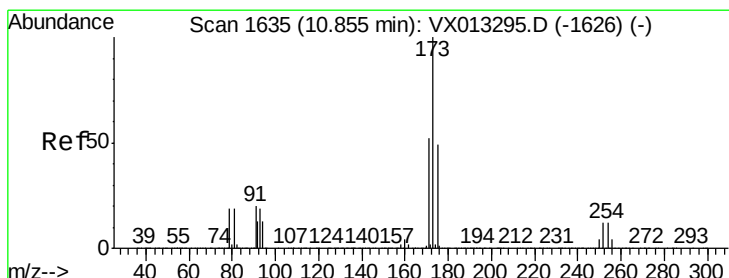
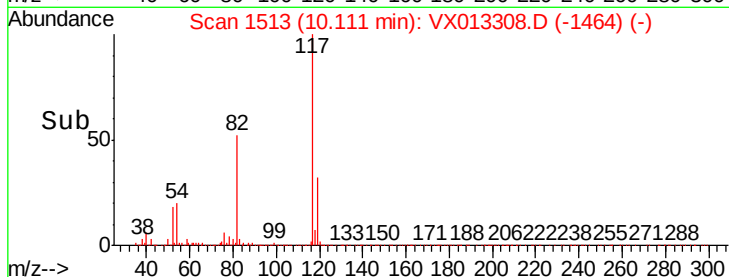
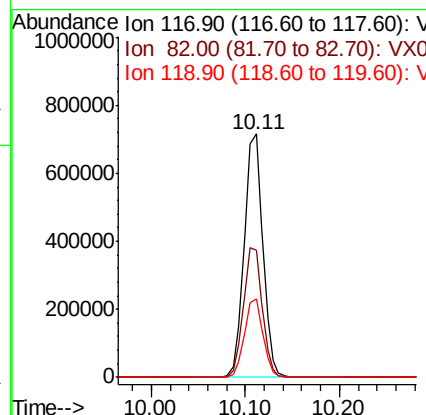
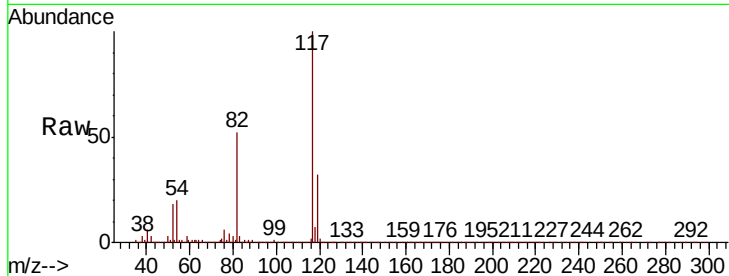




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013308.D
Acq: 01 Nov 2019 13:57

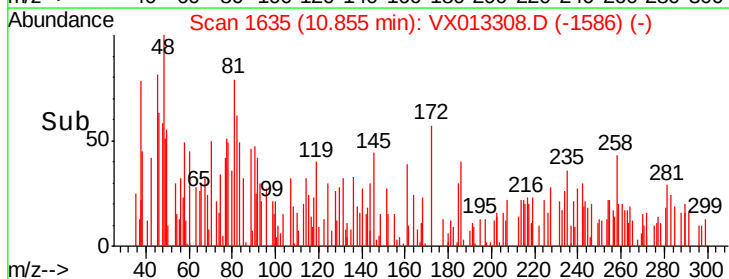
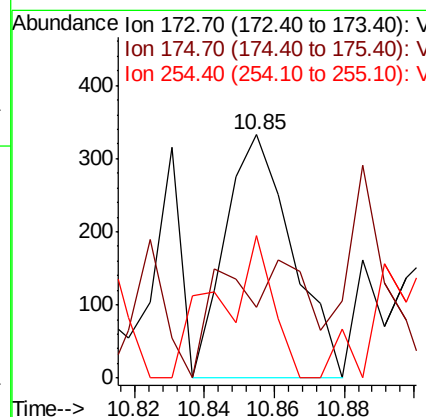
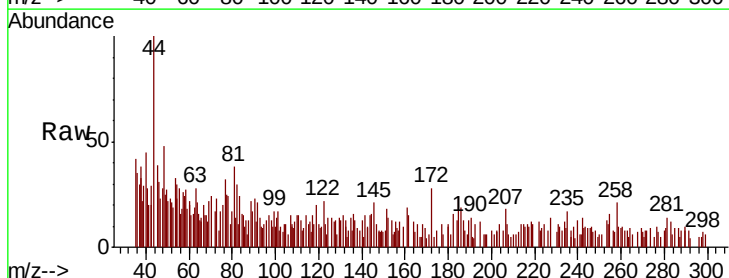
Instrument :
MSVOA_X
ClientSampled :

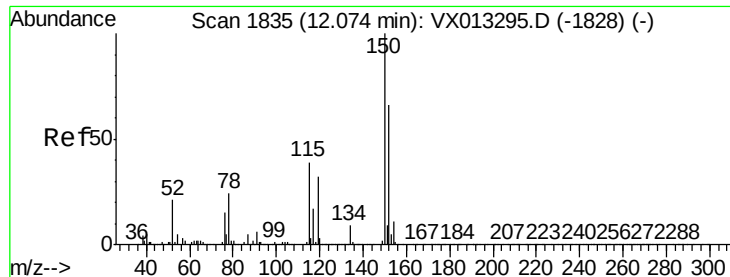
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.6	64.0
119	32.3	24.8	37.2



#71
Bromoform
Concen: 3.263 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013308.D
Acq: 01 Nov 2019 13:57

Tgt Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.8	74.4#
254	48.0	0.2	0.2#

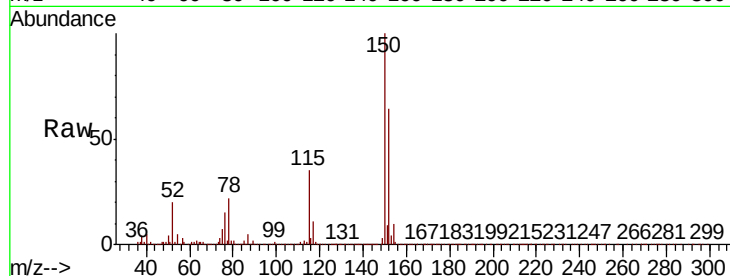




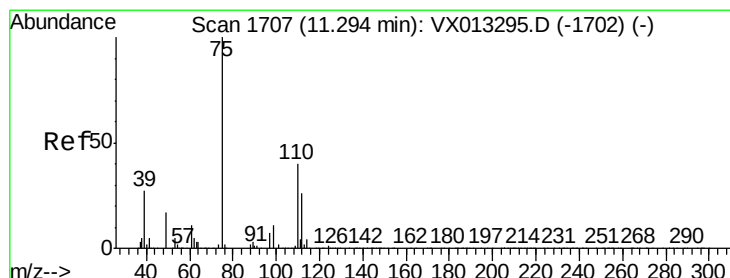
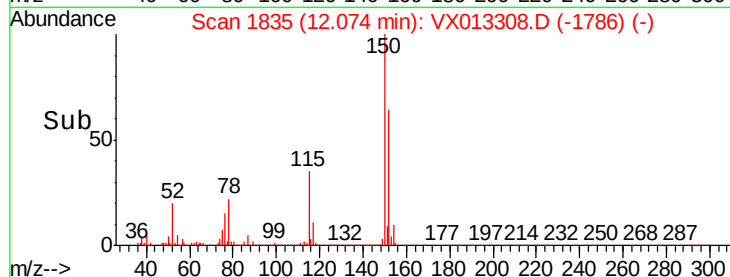
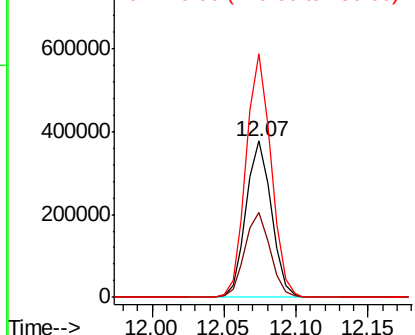
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX013308.D
 Acq: 01 Nov 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.5	118.3
150	153.8	0.0	344.4

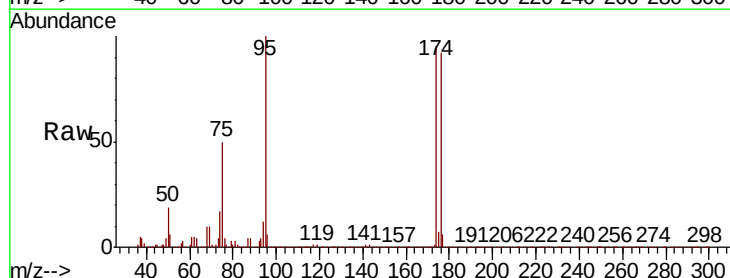


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

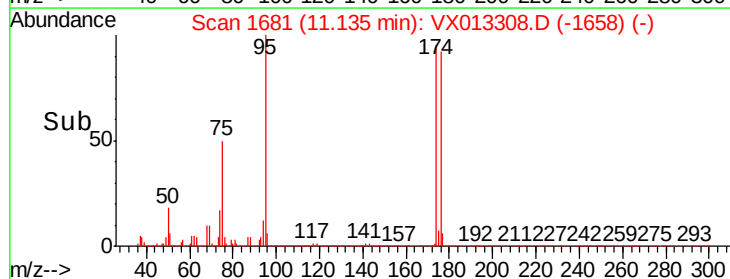
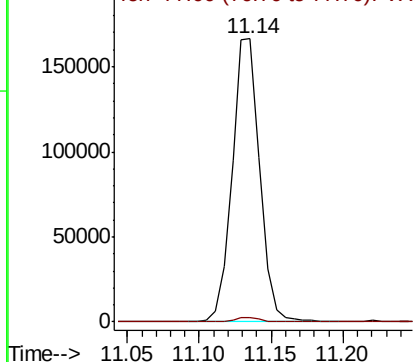


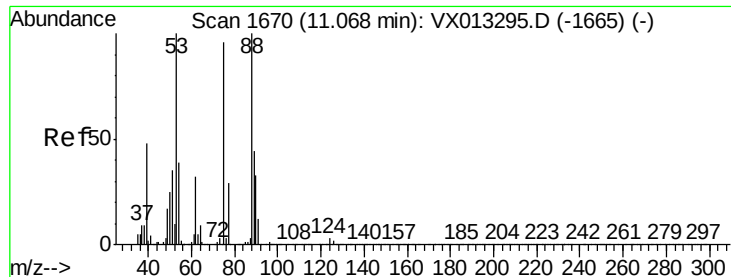
#76
 1,2,3-Trichloropropane
 Concen: 23.769 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX013308.D
 Acq: 01 Nov 2019 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.3	66.8



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: 61.181 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX013308.D
 Acq: 01 Nov 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.5	81.0	121.6#
89	0.0	36.0	54.0#

