

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
 Data File : VX015177.D
 Acq On : 10 Mar 2020 17:35
 Operator : JC/SP
 Sample : L1842-07DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

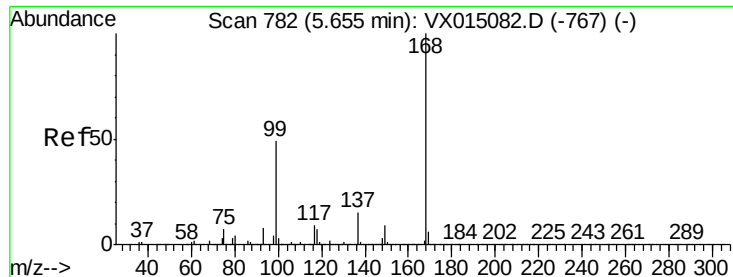
Quant Time: Mar 11 07:31:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	320888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	532888	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	519748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265619	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	205417	53.96	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	5.49	113	167388	49.79	ug/l	0.00
Spiked Amount						
50) Toluene-d8	8.71	98	652351	51.01	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	11.14	95	234926	51.50	ug/l	0.00
Spiked Amount						

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1217	0.403	ug/l #	72
11) Tert butyl alcohol	3.04	59	362	0.548	ug/l #	1
12) 1,1-Dichloroethene	2.36	96	780	0.250	ug/l #	22
13) Acrolein	2.29	56	713	1.149	ug/l #	82
16) Acetone	2.44	43	699	0.453	ug/l #	1
20) Methylene Chloride	2.86	84	864	0.239	ug/l #	52
28) Bromochloromethane	5.03	49	1089	0.398	ug/l #	11
29) Tetrahydrofuran	5.11	42	541	0.372	ug/l #	54
36) 1,1-Dichloropropene	5.65	75	21784	4.422	ug/l #	51
38) Carbon Tetrachloride	5.66	117	29638	6.374	ug/l #	16
44) Trichloroethene	7.21	130	198199	48.693	ug/l	100
49) 1,4-Dioxane	7.74	88	301	3.403	ug/l #	63
58) 2-Chloroethyl Vinyl ether	8.54	63	577	0.202	ug/l	90
76) 1,2,3-Trichloropropane	11.13	75	118908	22.443	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	118908	63.693	ug/l #	11
95) Naphthalene	13.84	128	383	1.441	ug/l #	1

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

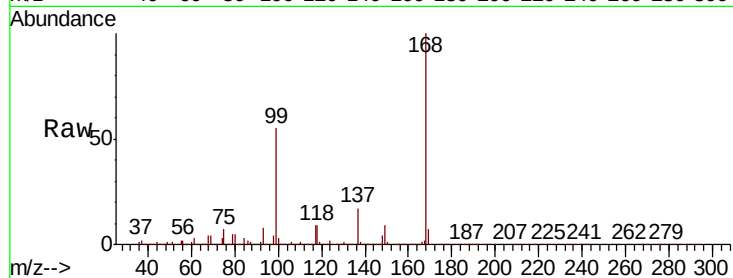


#1

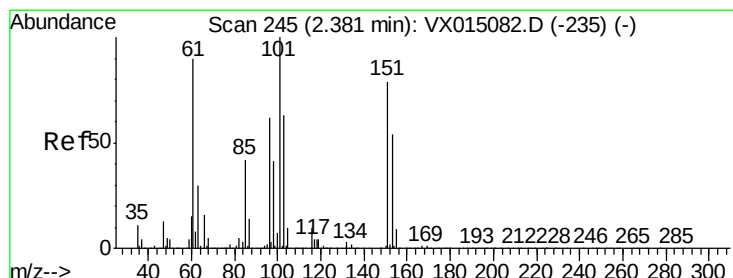
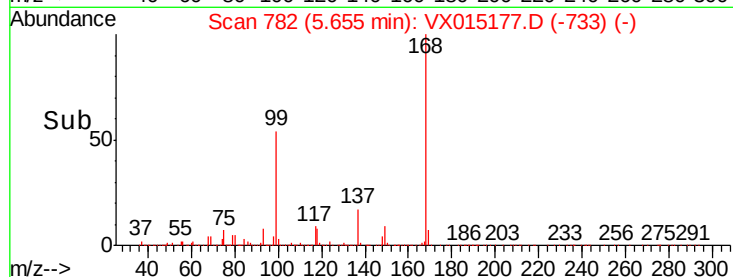
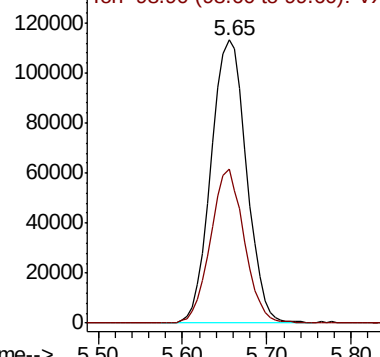
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX015177.D
 Acq: 10 Mar 2020 17:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:168 Resp: 320888
 Ion Ratio Lower Upper
 168 100
 99 54.5 39.4 59.2



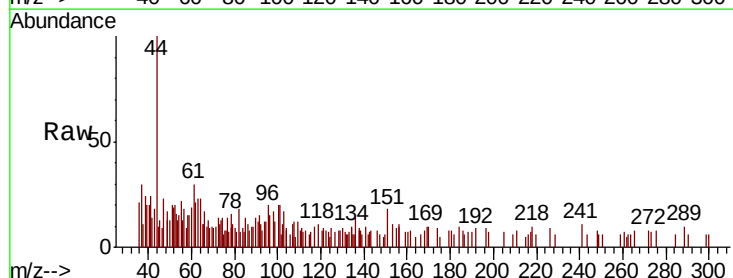
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



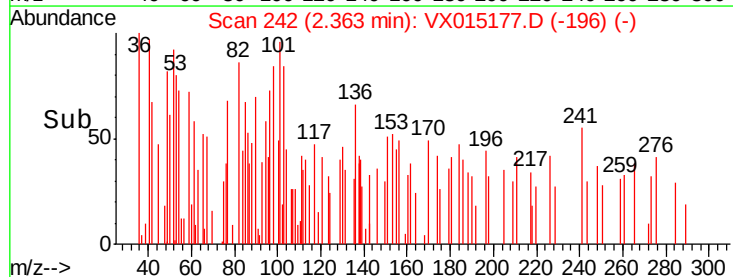
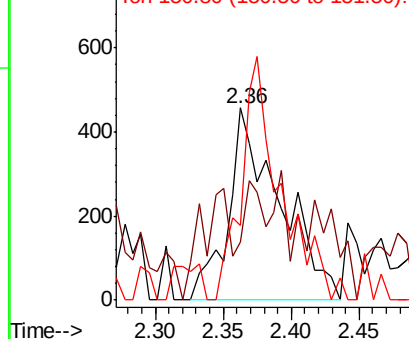
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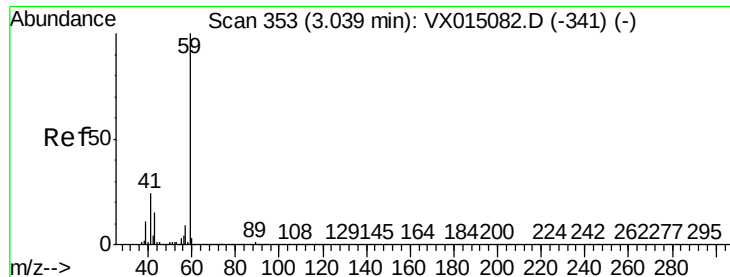
1,1,2-Trichlorotrifluoroethane
 Concen: 0.403 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.02 min
 Lab File: VX015177.D
 Acq: 10 Mar 2020 17:35

Tgt Ion:101 Resp: 1217
 Ion Ratio Lower Upper
 101 100
 85 13.0 33.7 50.5#
 151 95.8 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V



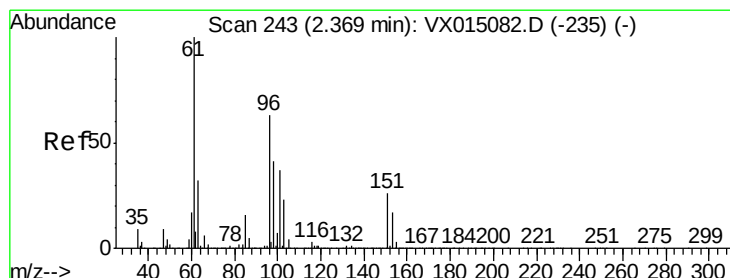
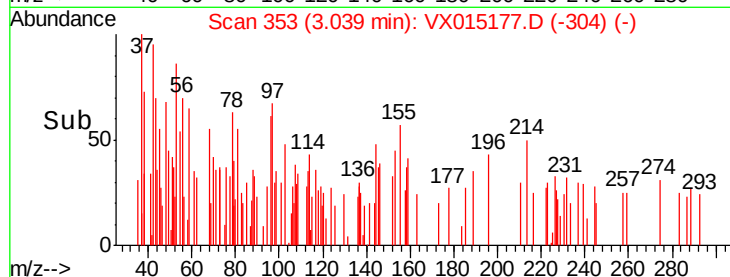
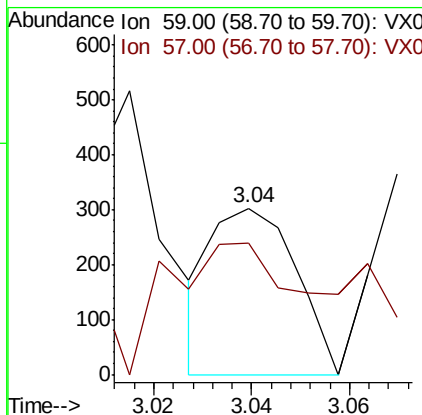
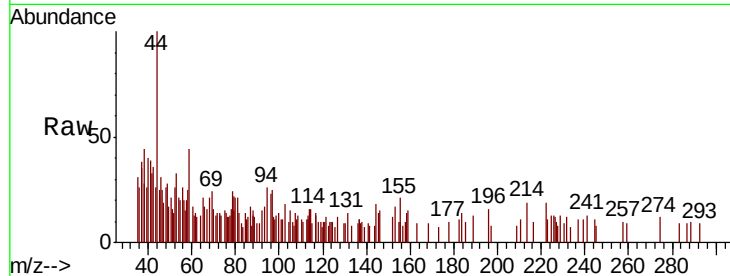


#11

Tert butyl alcohol
Concen: 0.548 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX015177.D
Acq: 10 Mar 2020 17:35

Instrument :
MSVOA_X
ClientSampled :

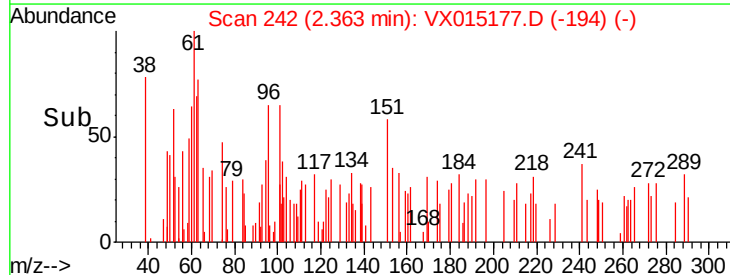
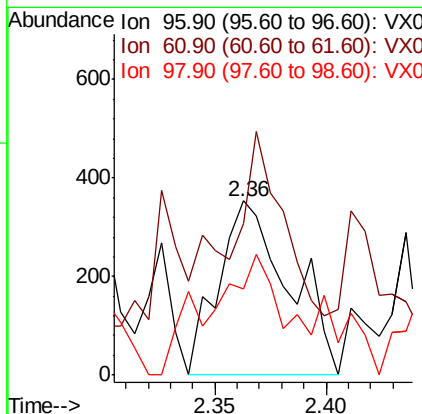
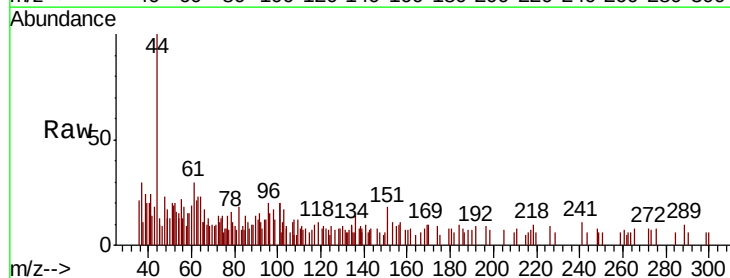
Tot Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 130.1 8.2 12.4#

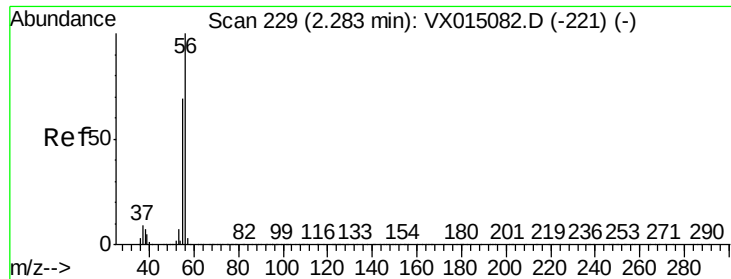


#12

1,1-Dichloroethene
Concen: 0.250 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015177.D
Acq: 10 Mar 2020 17:35

Tgt Ion: 96 Resp: 780
Ion Ratio Lower Upper
96 100
61 49.6 126.2 189.4#
98 12.2 51.4 77.0#





#13

Acrolein

Concen: 1.149 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015177.D

Acq: 10 Mar 2020 17:35

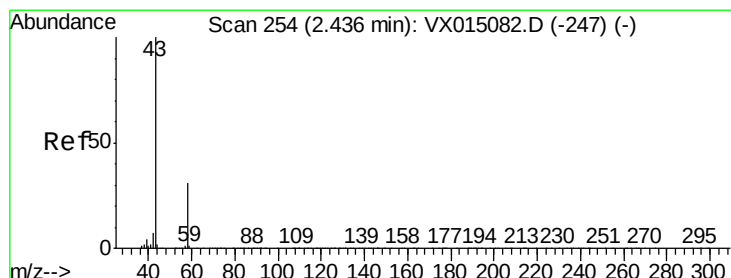
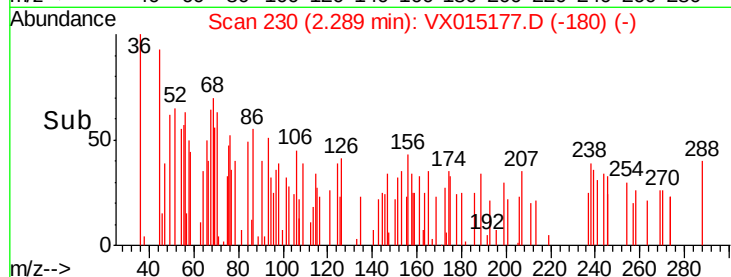
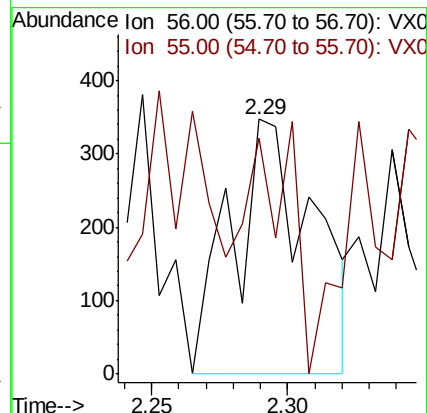
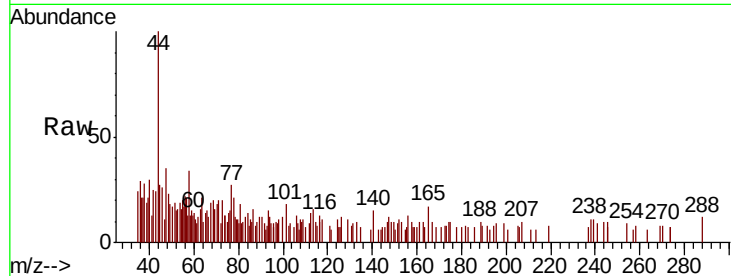
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 713

Ion Ratio Lower Upper

56 100

55 54.1 55.4 83.0#



#16

Acetone

Concen: 0.453 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015177.D

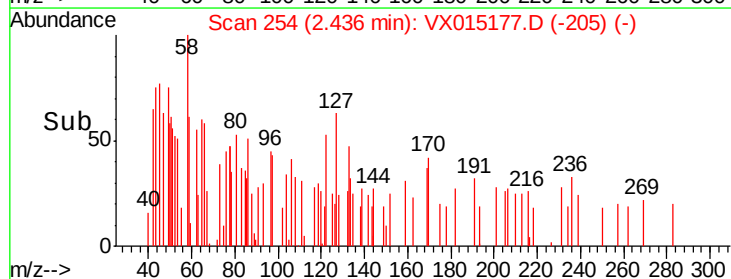
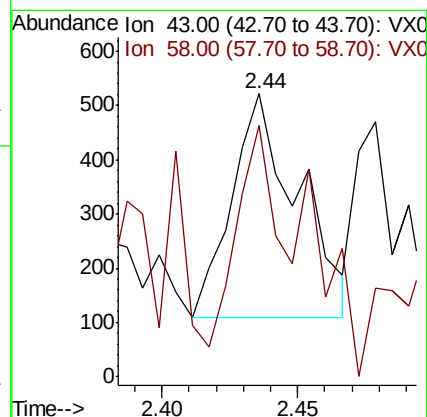
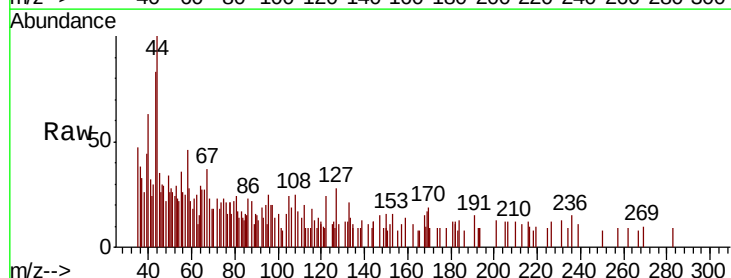
Acq: 10 Mar 2020 17:35

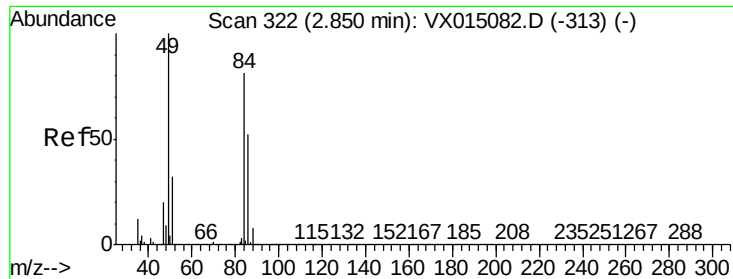
Tgt Ion: 43 Resp: 699

Ion Ratio Lower Upper

43 100

58 89.3 24.8 37.2#

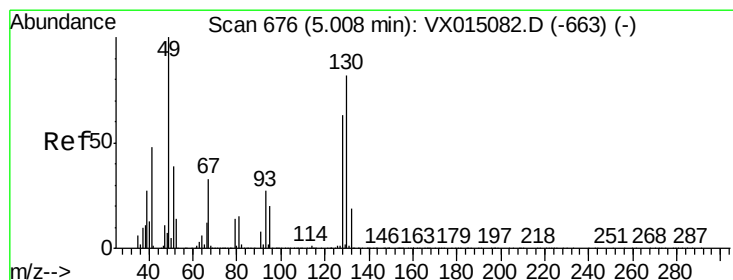
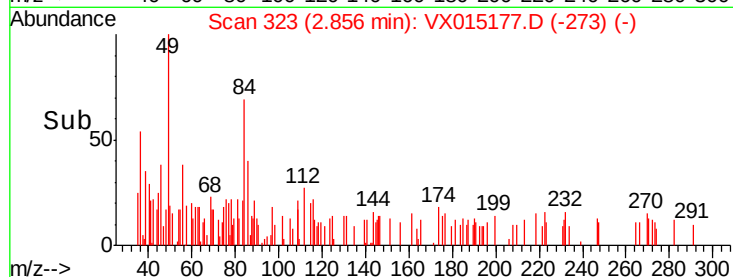
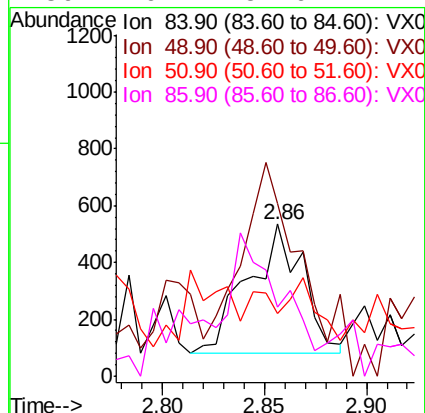
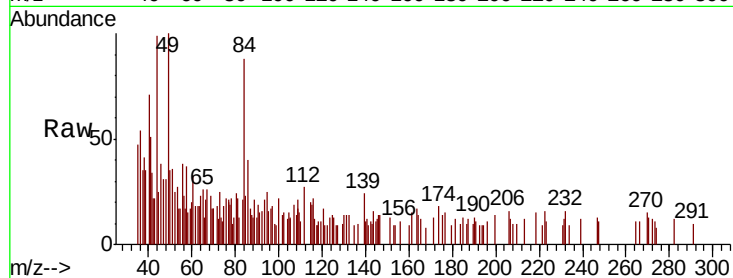




#20
Methvlene Chloride
Concen: 0.239 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX015177.D
Acq: 10 Mar 2020 17:35

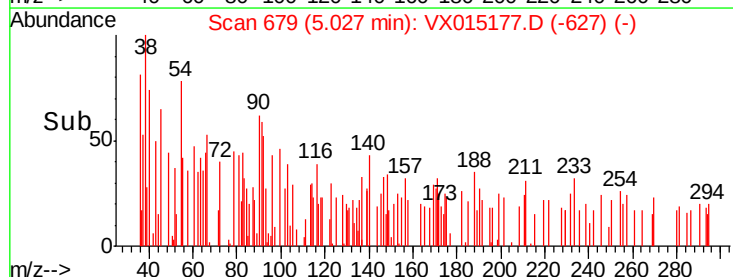
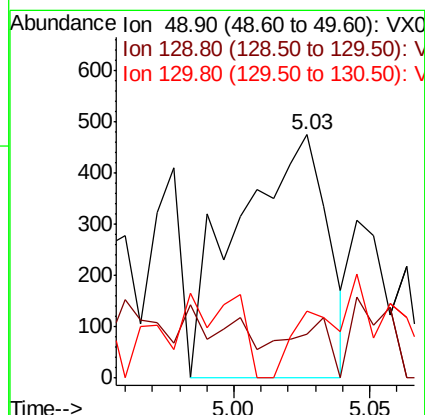
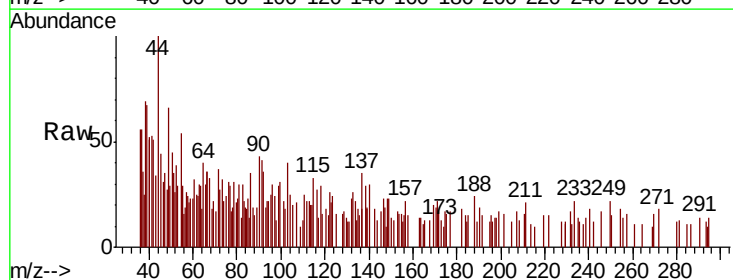
Instrument :
MSVOA_X
ClientSampled :

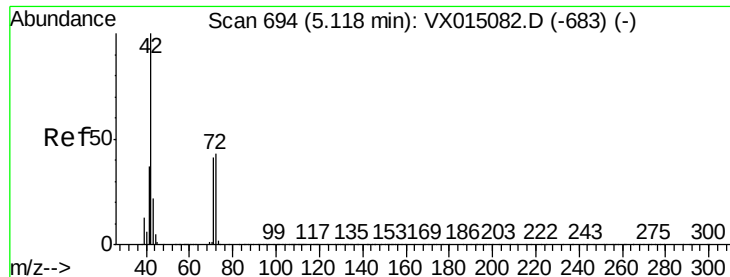
Tot Ion: 84 Resp: 864
Ion Ratio Lower Upper
84 100
49 69.5 99.4 149.2#
51 20.4 31.5 47.3#
86 20.4 51.6 77.4#



#28
Bromochloromethane
Concen: 0.398 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.02 min
Lab File: VX015177.D
Acq: 10 Mar 2020 17:35

Tgt Ion: 49 Resp: 1089
Ion Ratio Lower Upper
49 100
129 9.6 0.0 4.4#
130 0.0 65.0 97.6#





#29

Tetrahydrofuran

Concen: 0.372 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015177.D

Acq: 10 Mar 2020 17:35

Instrument :

MSVOA_X

ClientSampled :

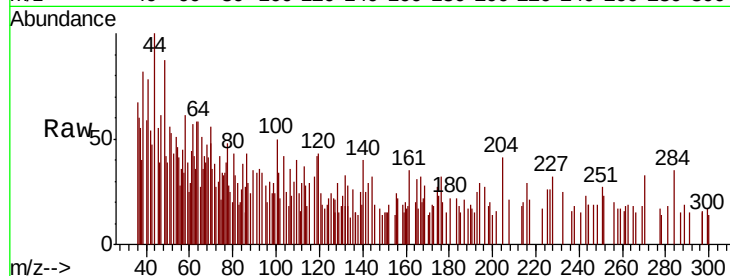
Tot Ion: 42 Resp: 541

Ion Ratio Lower Upper

42 100

72 34.9 36.4 54.6#

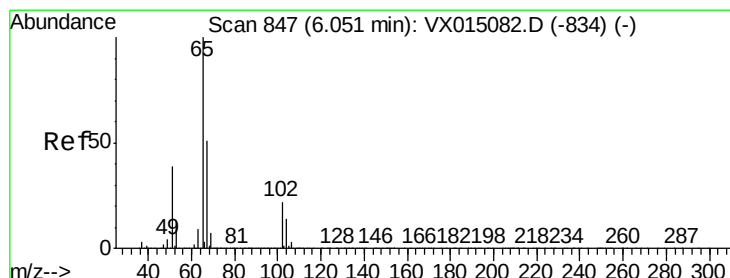
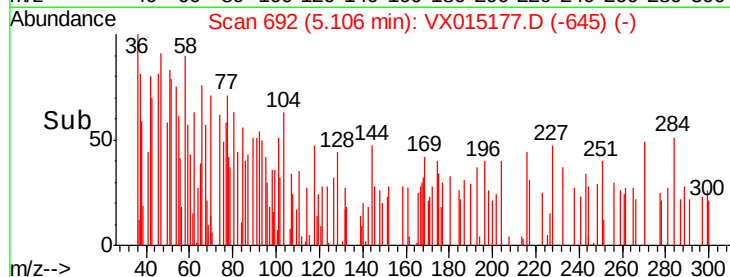
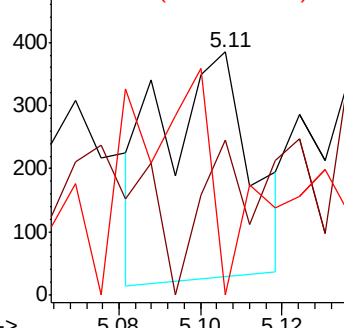
71 91.3 33.3 49.9#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.959 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015177.D

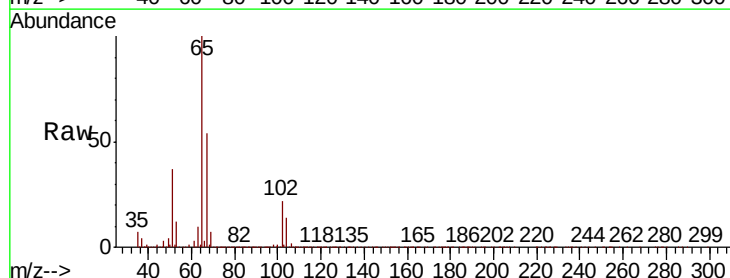
Acq: 10 Mar 2020 17:35

Tgt Ion: 65 Resp: 205417

Ion Ratio Lower Upper

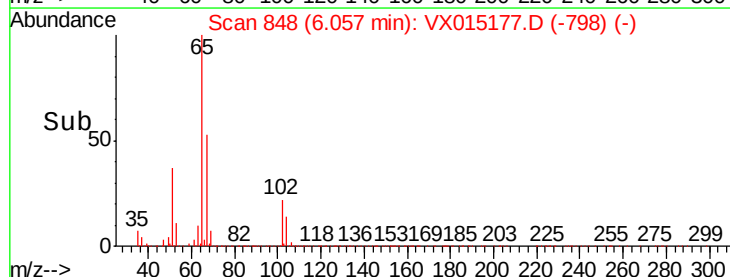
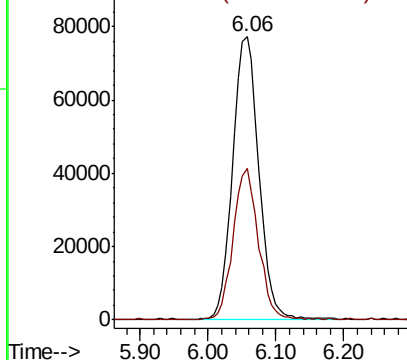
65 100

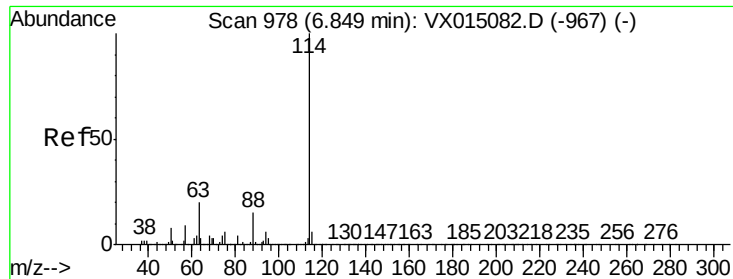
67 52.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

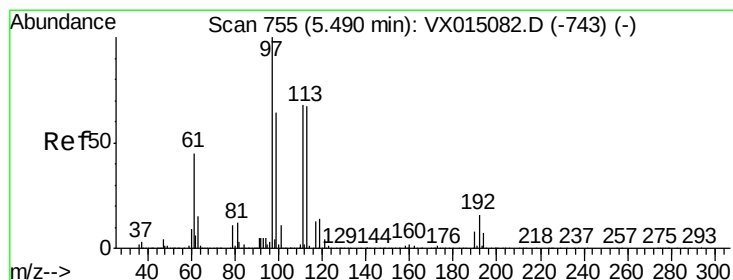
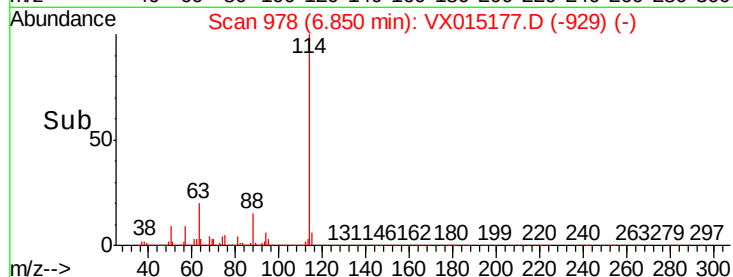
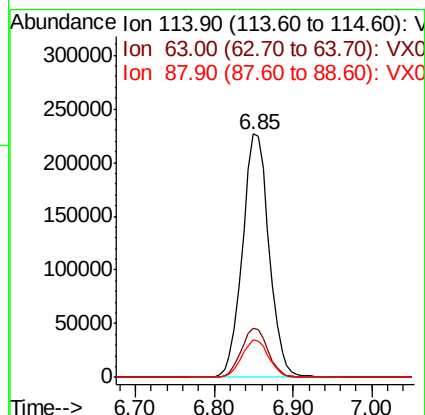
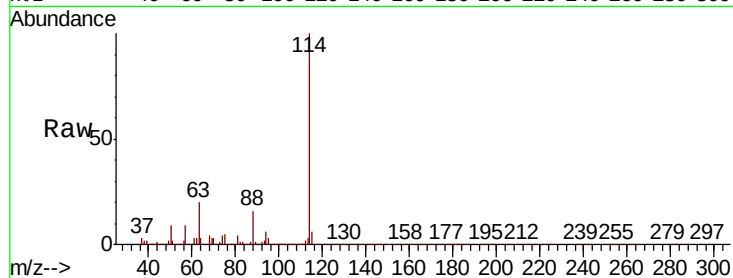




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015177.D
Acq: 10 Mar 2020 17:35

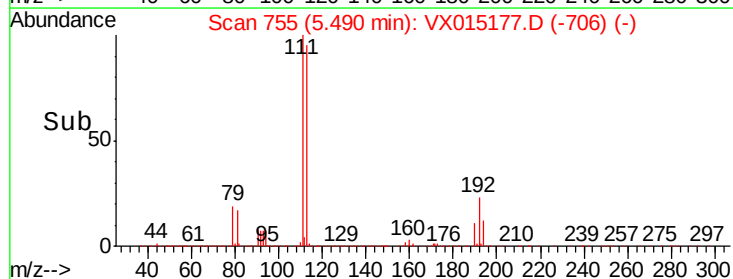
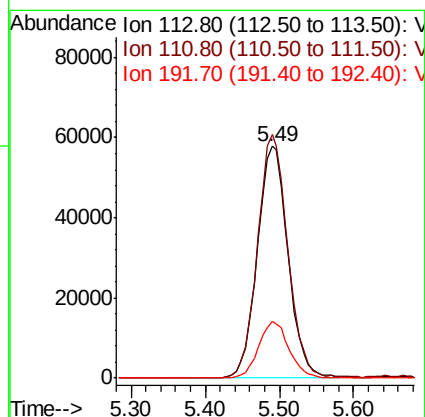
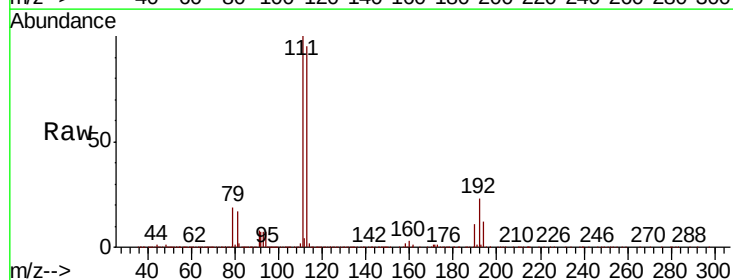
Instrument :
MSVOA_X
ClientSampleId :

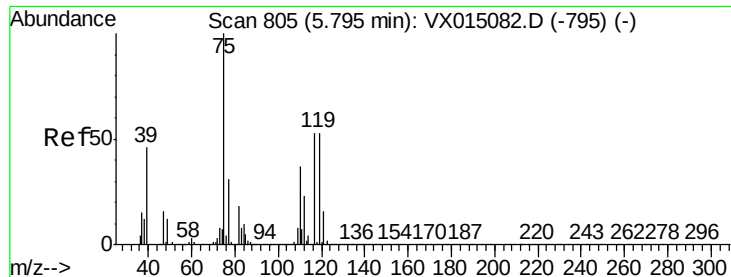
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.0
88	15.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.791 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015177.D
Acq: 10 Mar 2020 17:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	24.1	18.6	28.0

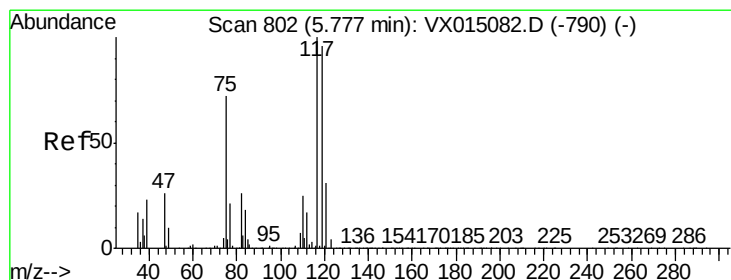
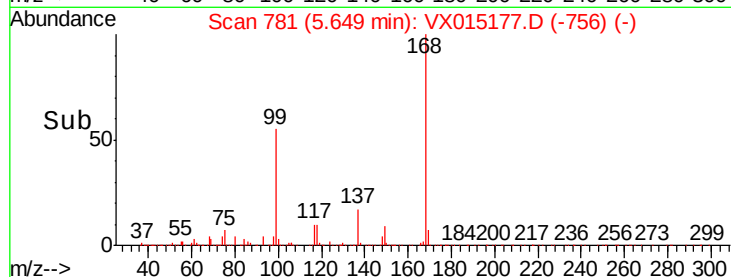
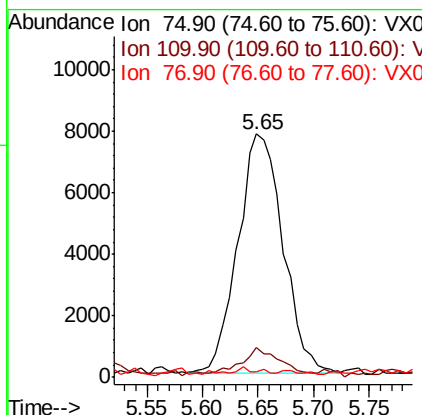
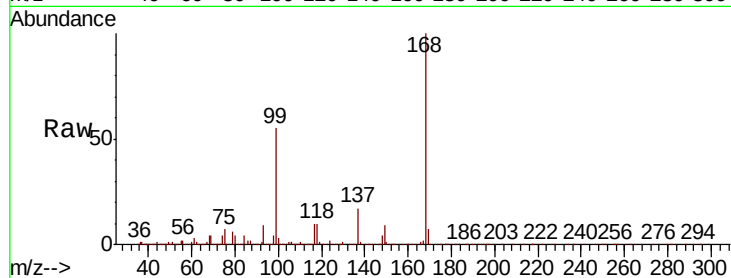




#36
 1,1-Dichloropropene
 Concen: 4.422 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX015177.D
 Acq: 10 Mar 2020 17:35

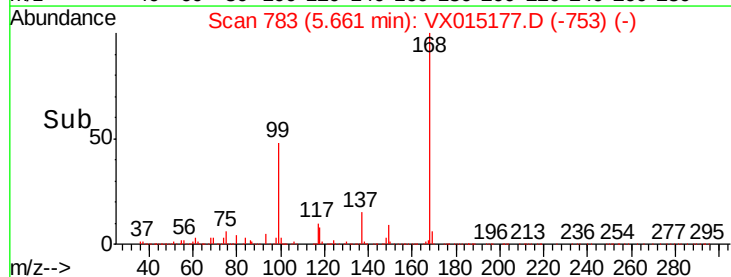
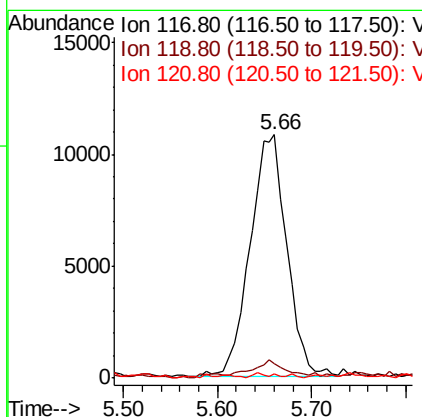
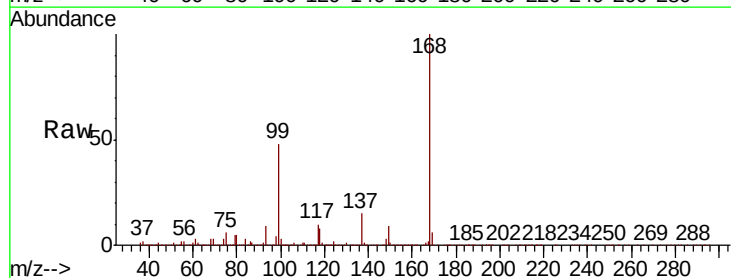
Instrument :
 MSVOA_X
 ClientSampled :

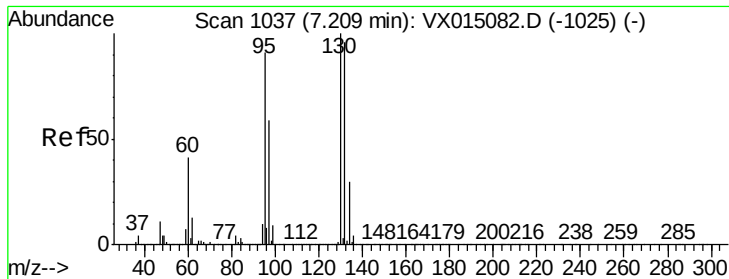
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.9	53.8#
77	0.6	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.374 ug/l
 RT: 5.66 min Scan# 783
 Delta R.T. -0.12 min
 Lab File: VX015177.D
 Acq: 10 Mar 2020 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.9	115.3#
121	1.2	24.6	37.0#

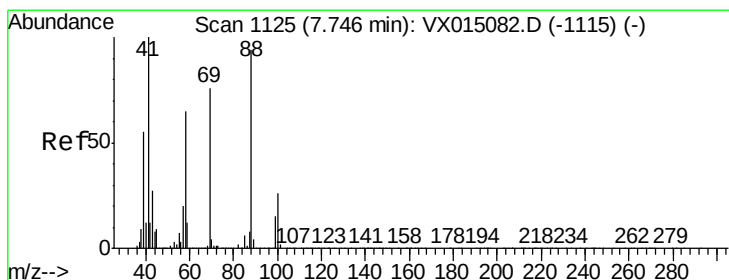
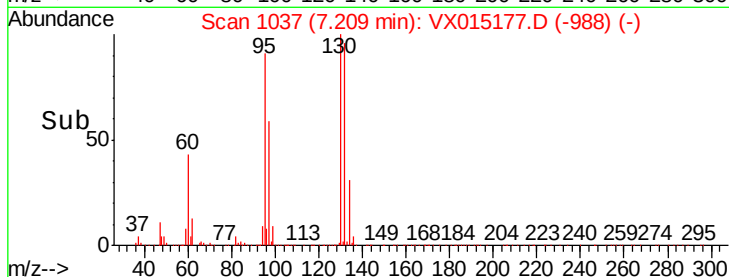
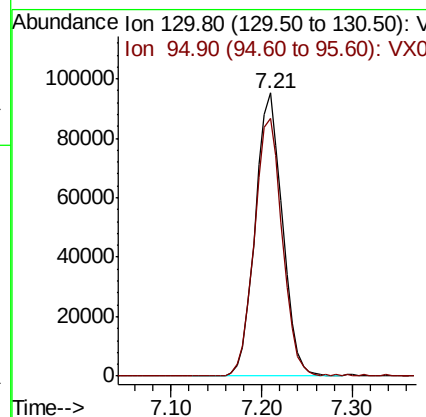
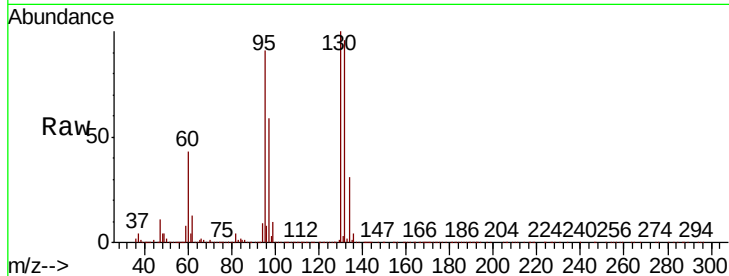




#44
 Trichloroethene
 Concen: 48.693 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015177.D
 Acq: 10 Mar 2020 17:35

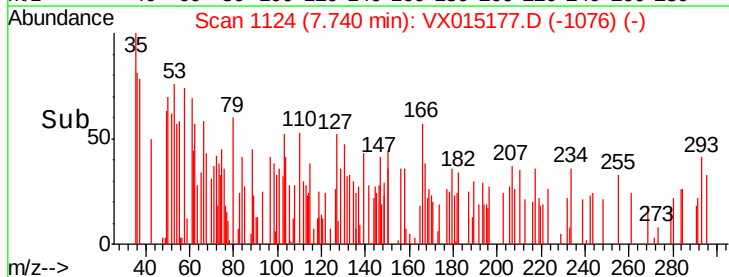
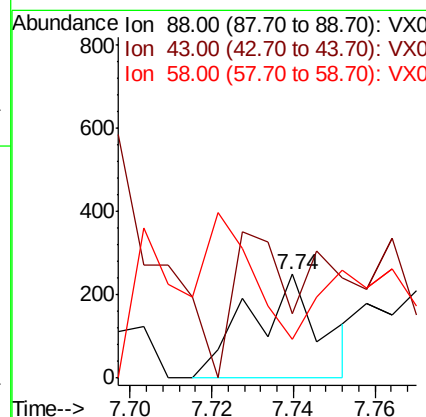
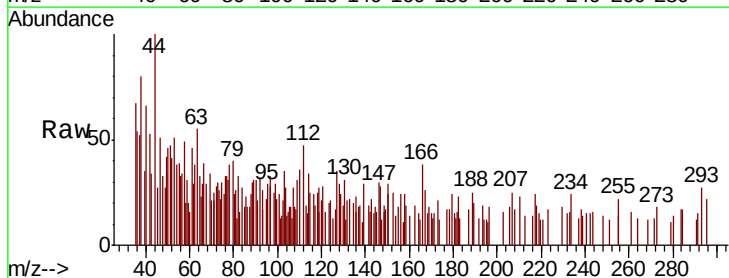
Instrument :
 MSVOA_X
 ClientSampled :

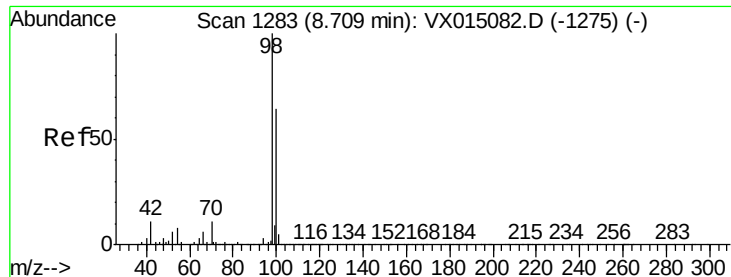
Tot Ion:130 Resp: 198199
 Ion Ratio Lower Upper
 130 100
 95 90.8 0.0 181.2



#49
 1,4-Dioxane
 Concen: 3.403 ug/l
 RT: 7.74 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: VX015177.D
 Acq: 10 Mar 2020 17:35

Tgt Ion: 88 Resp: 301
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.0 40.4#
 58 47.5 55.6 83.4#

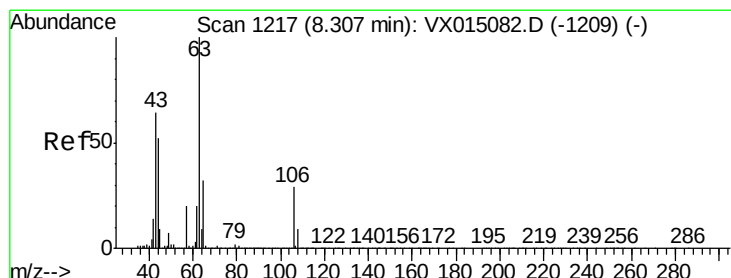
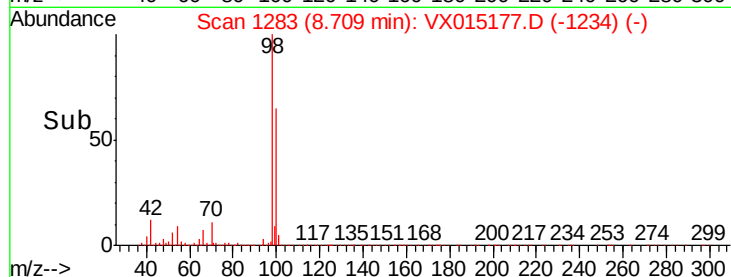
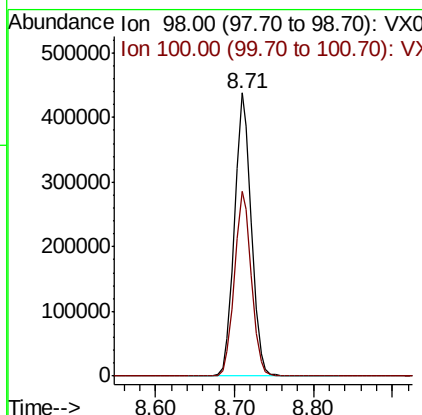
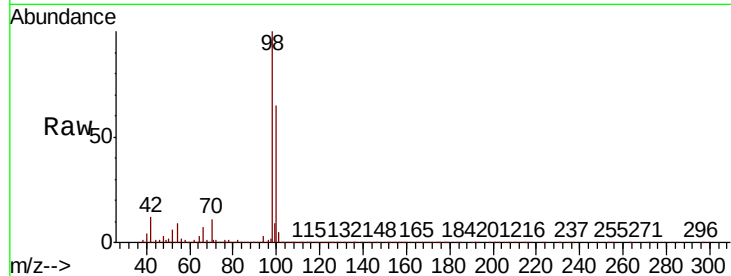




#50
Toluene-d8
Concen: 51.013 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015177.D
Acq: 10 Mar 2020 17:35

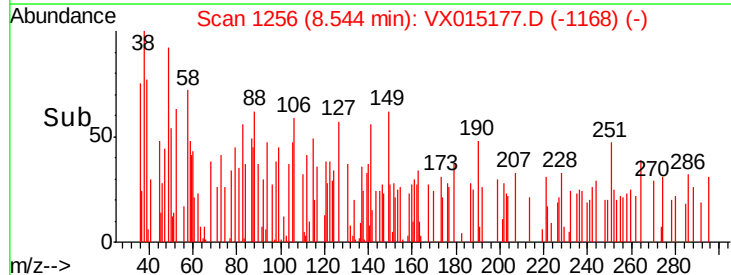
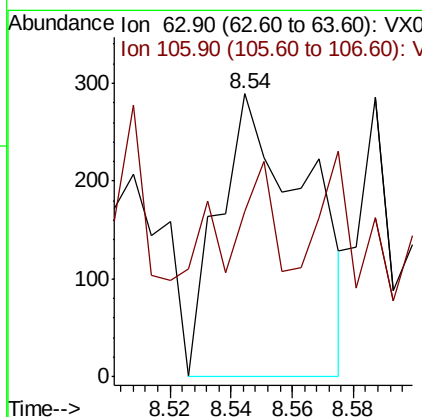
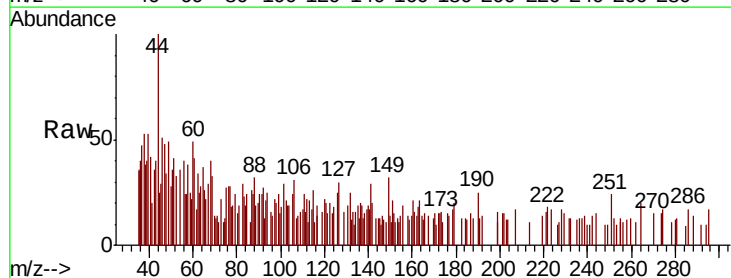
Instrument :
MSVOA_X
ClientSampleId :

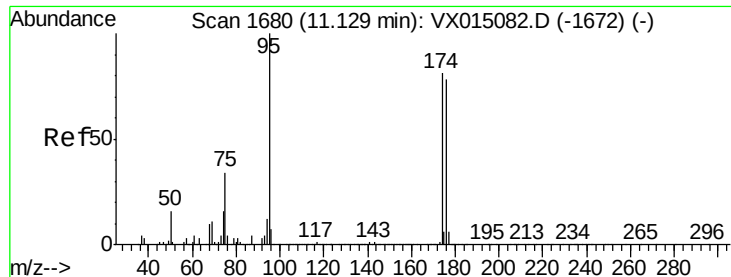
Tot Ion: 98 Resp: 652351
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#58
2-Chloroethyl Vinyl ether
Concen: 0.202 ug/l
RT: 8.54 min Scan# 1256
Delta R.T. 0.24 min
Lab File: VX015177.D
Acq: 10 Mar 2020 17:35

Tgt Ion: 63 Resp: 577
Ion Ratio Lower Upper
63 100
106 23.1 22.8 34.2

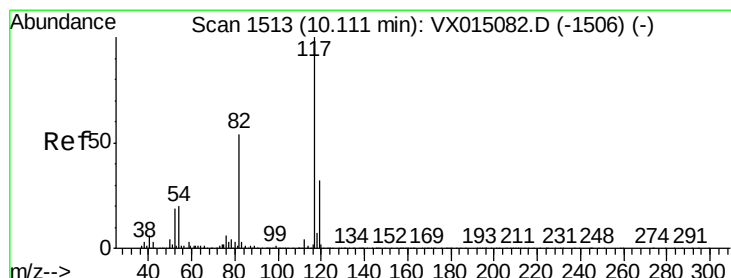
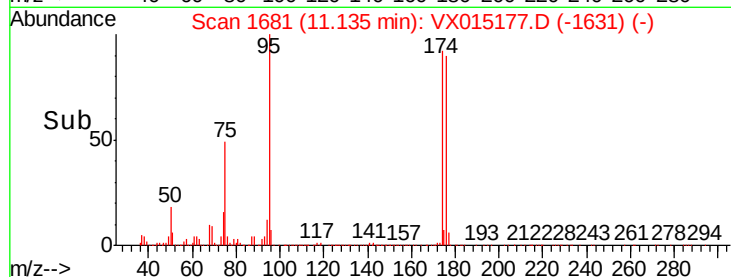
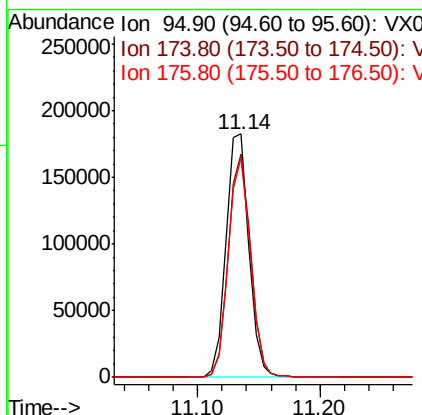
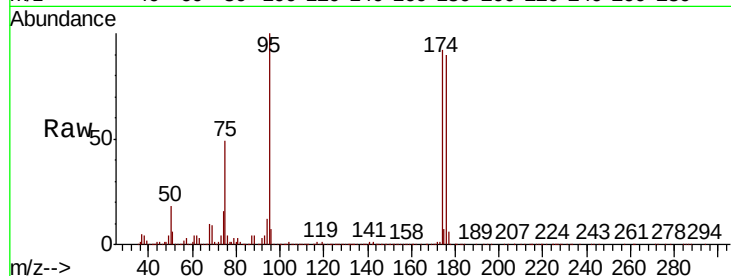




#62
4-Bromofluorobenzene
Concen: 51.504 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015177.D
Acq: 10 Mar 2020 17:35

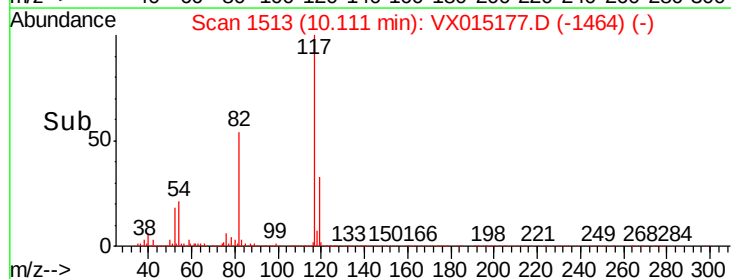
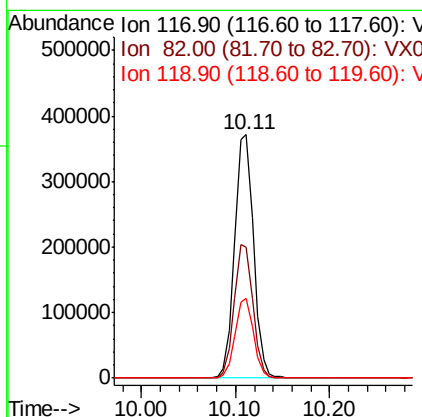
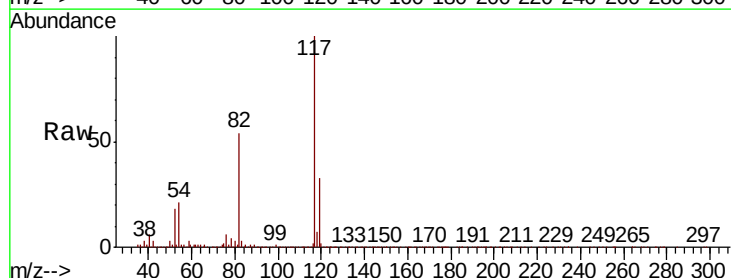
Instrument :
MSVOA_X
ClientSampled :

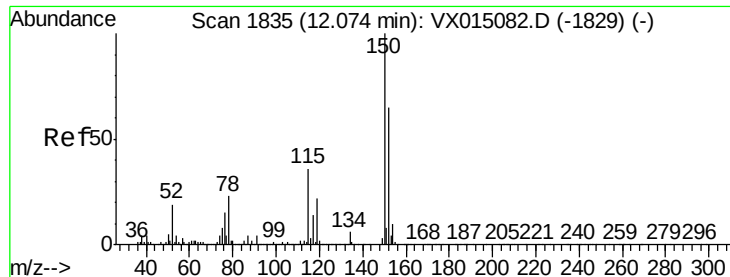
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	177.6
176	87.7	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015177.D
Acq: 10 Mar 2020 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.3	64.9
119	32.8	25.8	38.8

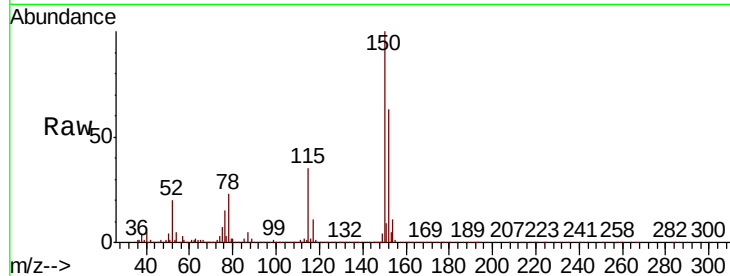




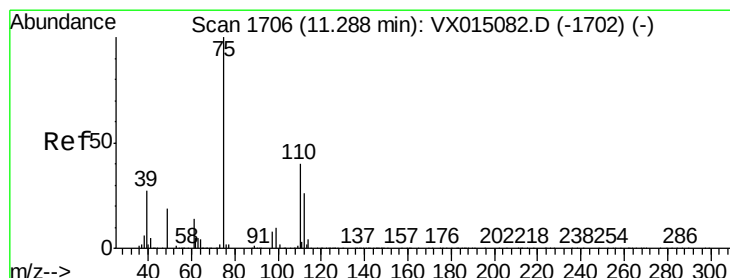
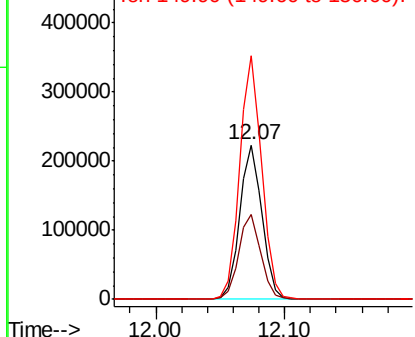
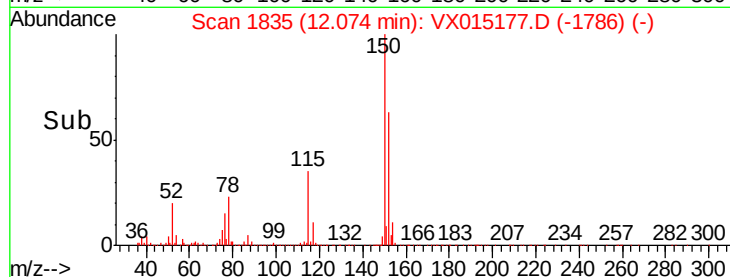
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX015177.D
 Acq: 10 Mar 2020 17:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.2	114.6
150	156.6	0.0	343.8

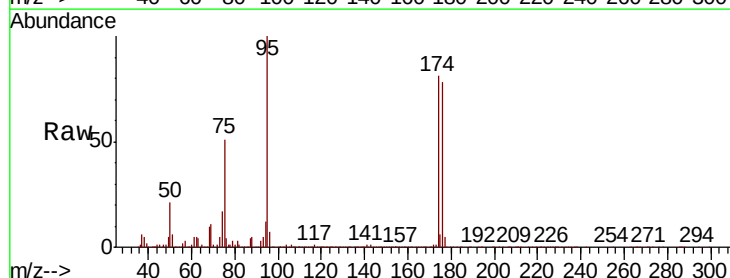


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

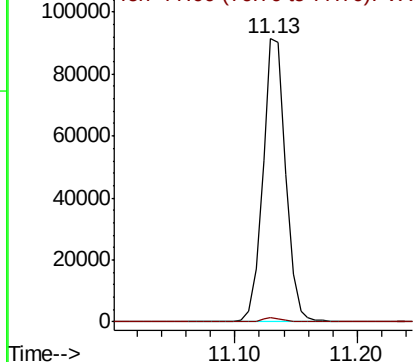
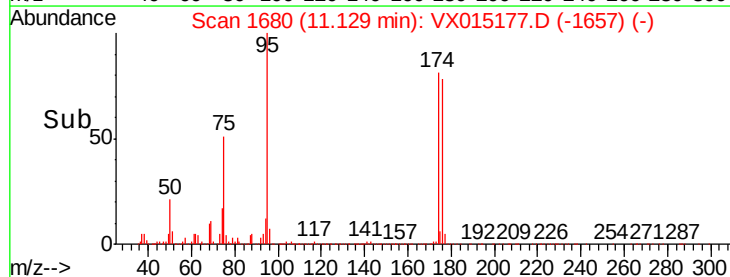


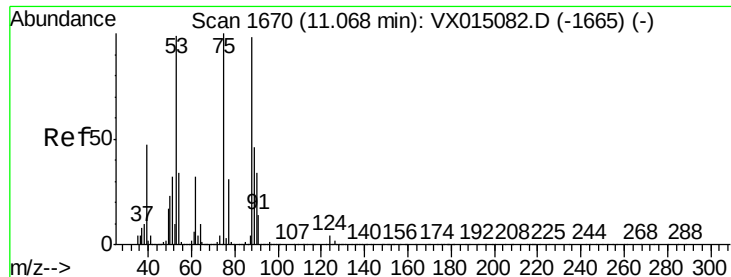
#76
 1,2,3-Trichloropropane
 Concen: 22.443 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX015177.D
 Acq: 10 Mar 2020 17:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.9	22.6	67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0

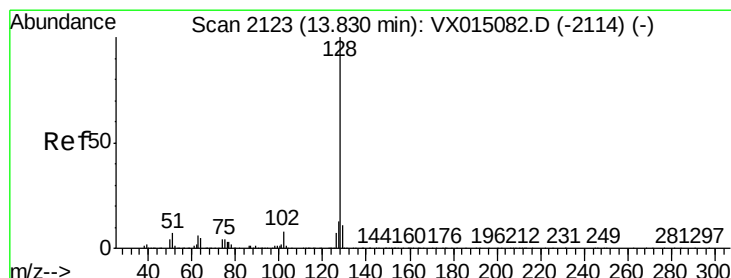
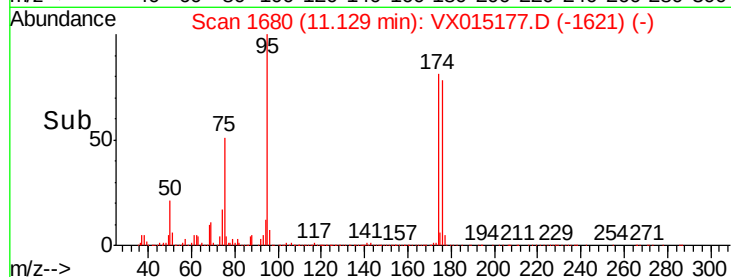
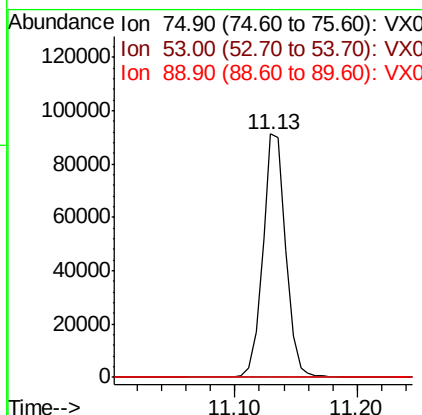
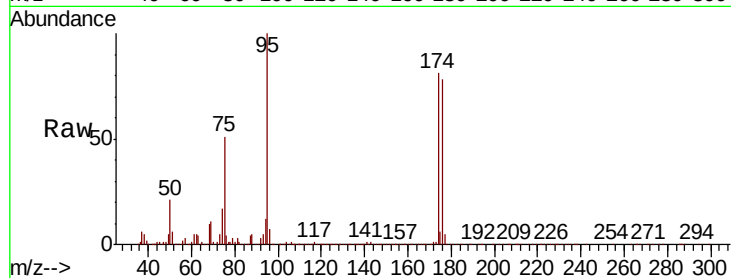




#81
trans-1,4-Dichloro-2-butene
Concen: 63.693 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015177.D
Acq: 10 Mar 2020 17:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 118908
Ion Ratio Lower Upper
75 100
53 0.0 77.9 116.9#
89 0.0 36.2 54.2#



#95
Naphthalene
Concen: 1.441 ug/l
RT: 13.84 min Scan# 2124
Delta R.T. 0.01 min
Lab File: VX015177.D
Acq: 10 Mar 2020 17:35

Tgt Ion:128 Resp: 383
Ion Ratio Lower Upper
128 100
127 37.1 10.3 15.5#
129 113.8 8.6 13.0#

