

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013113.D
 Acq On : 17 Oct 2019 17:31
 Operator : JC/SP
 Sample : K5414-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-310-SRI4

Quant Time: Oct 18 08:04:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87425	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	104314	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
35) Dibromofluoromethane	5.49	113	82108	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
50) Toluene-d8	8.71	98	315343	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.14	95	103996	43.38	ug/l	0.00
Spiked Amount			Recovery	=	86.76%	

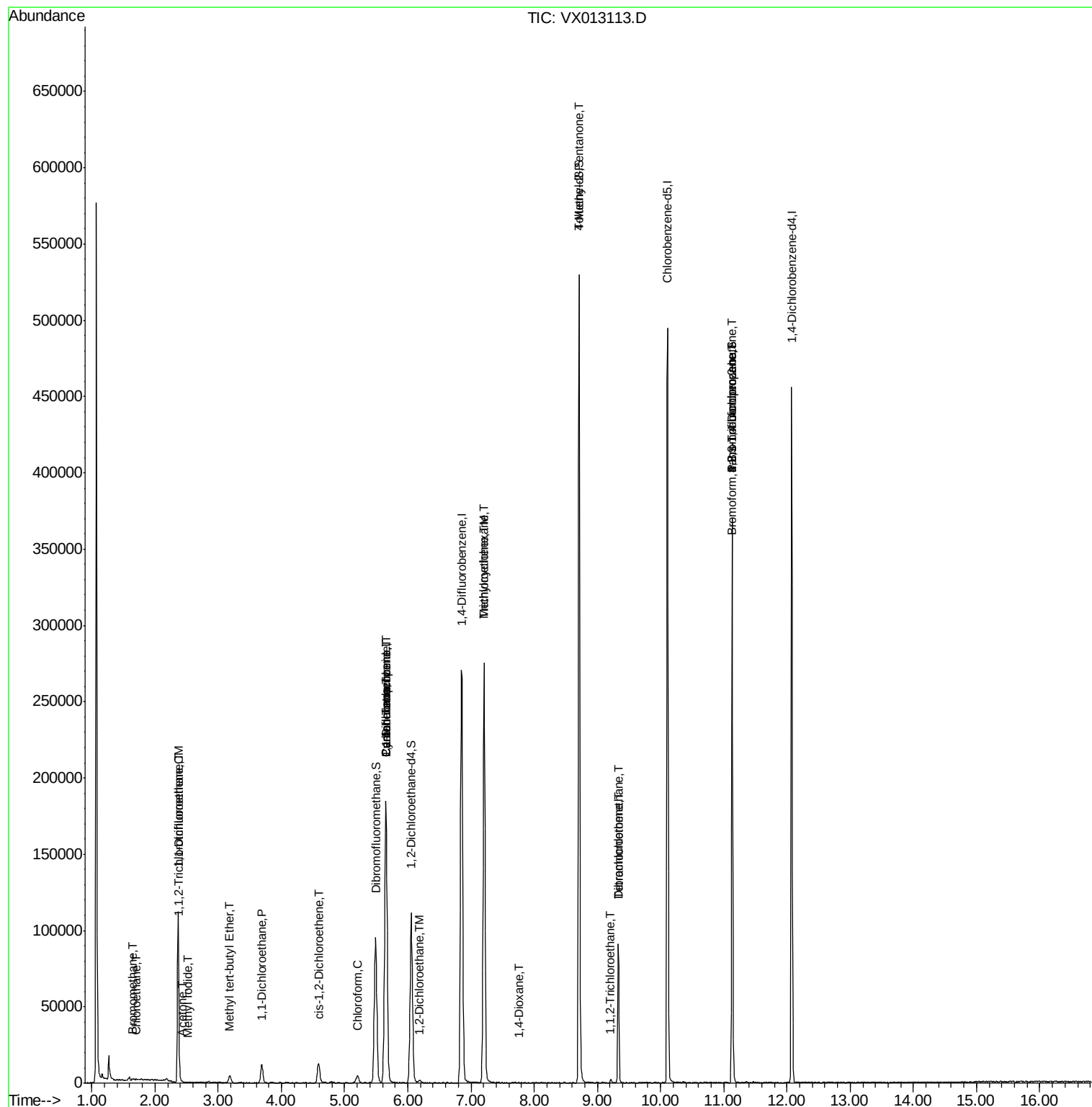
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	269	0.327	ug/l	98
6) Chloroethane	1.72	64	83	0.436	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1037	0.600	ug/l #	84
10) Methyl Iodide	2.51	142	49	5.104	ug/l #	40
12) 1,1-Dichloroethene	2.37	96	38777	22.192	ug/l	95
16) Acetone	2.43	43	781	0.686	ug/l	89
19) Methyl tert-butyl Ether	3.19	73	5433	0.900	ug/l #	73
24) 1,1-Dichloroethane	3.69	63	13671	4.075	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	8363	3.874	ug/l	90
28) Bromochloromethane	5.19	49	420	Below Cal	#	13
30) Chloroform	5.20	83	5846	1.698	ug/l	91
31) Cyclohexane	5.65	56	3335	1.063	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	13223	5.457	ug/l #	51
38) Carbon Tetrachloride	5.65	117	17639	7.479	ug/l #	18
39) Methylcyclohexane	7.20	83	1174	0.400	ug/l #	1
42) 1,2-Dichloroethane	6.18	62	2017	0.785	ug/l	76
44) Trichloroethene	7.21	130	108959	54.903	ug/l	96
49) 1,4-Dioxane	7.76	88	135	37.375	ug/l #	24
51) 4-Methyl-2-Pentanone	8.71	43	1388	0.512	ug/l #	1
55) 1,1,2-Trichloroethane	9.21	97	806	0.445	ug/l	97
60) Dibromochloromethane	9.33	129	17124	10.034	ug/l #	10
64) Tetrachloroethene	9.33	164	17264	10.871	ug/l	96
71) Bromoform	11.12	173	94	3.198	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	51145	26.376	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	51145	66.369	ug/l #	10

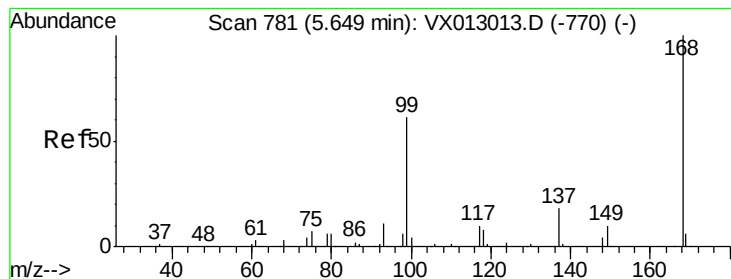
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

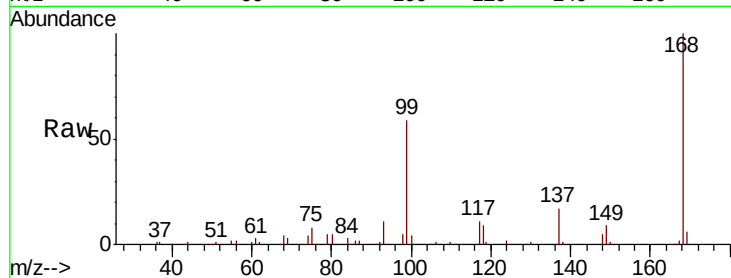
MW-310-SRI4

Tot Ion:168 Resp: 172908

Ion Ratio Lower Upper

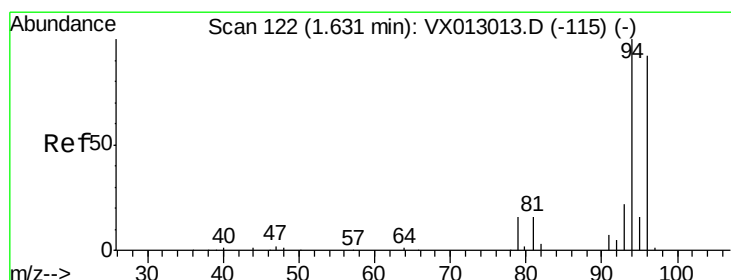
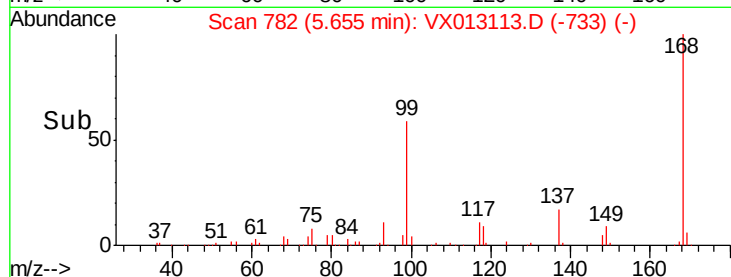
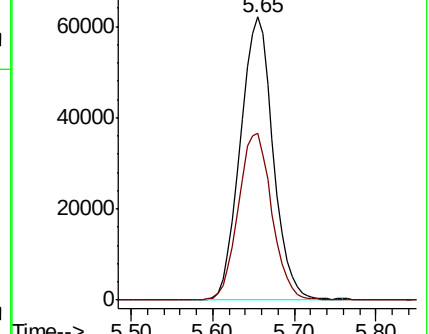
168 100

99 59.1 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.327 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX013113.D

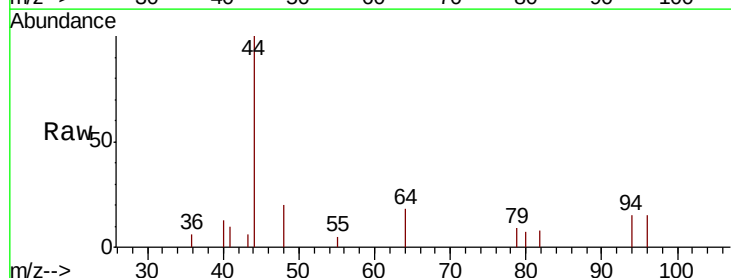
Acq: 17 Oct 2019 17:31

Tgt Ion: 94 Resp: 269

Ion Ratio Lower Upper

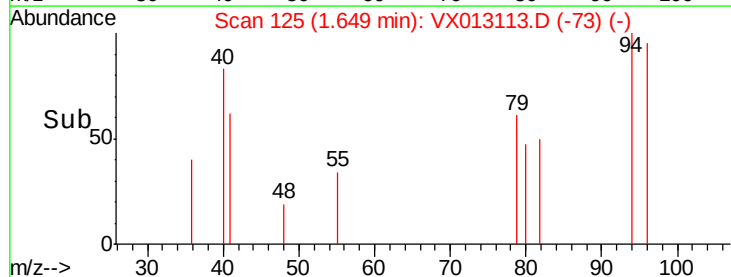
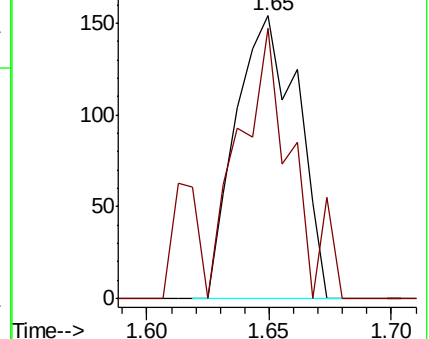
94 100

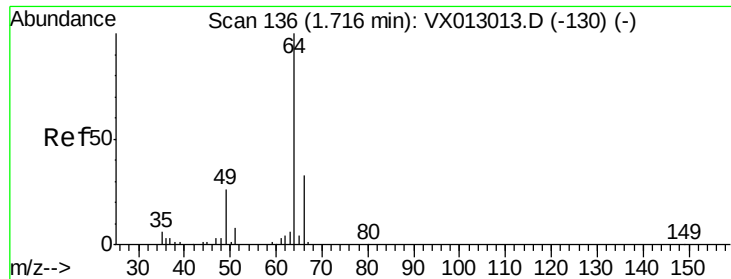
96 95.5 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.436 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

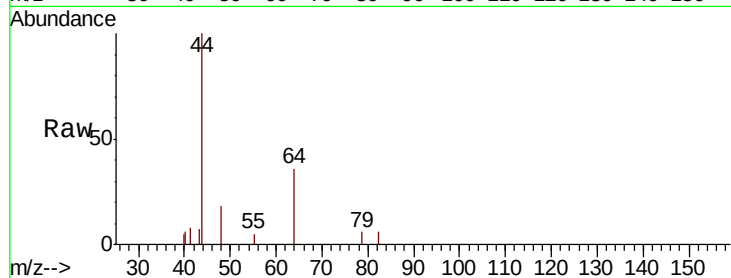
MW-310-SRI4

Tot Ion: 64 Resp: 83

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

500

400

300

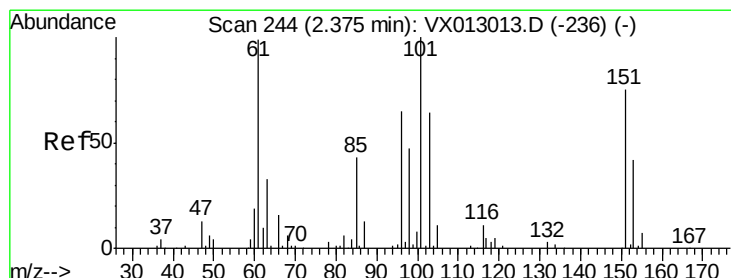
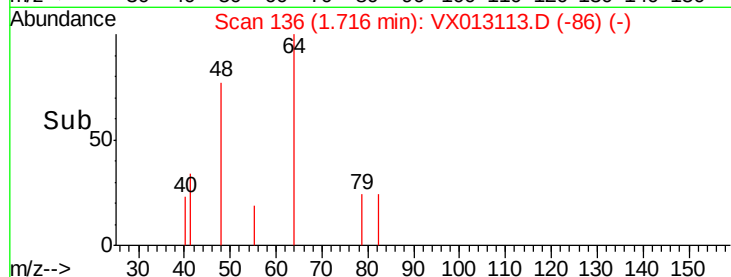
200

100

0

1.70 1.71 1.72 1.73 1.74

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.600 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

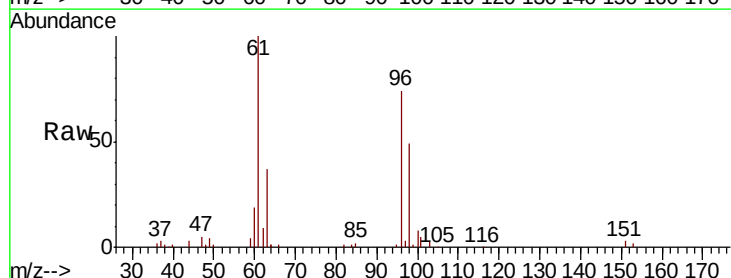
Tgt Ion: 101 Resp: 1037

Ion Ratio Lower Upper

101 100

85 61.2 35.2 52.8#

151 83.5 60.3 90.5



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

800

600

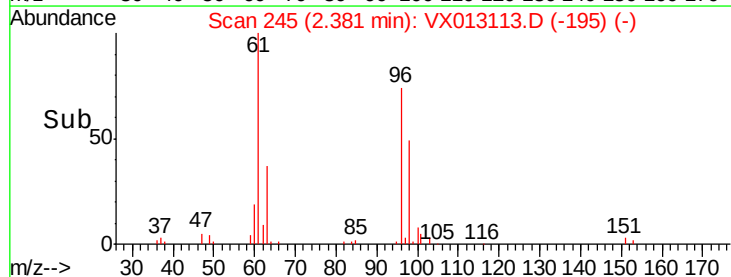
400

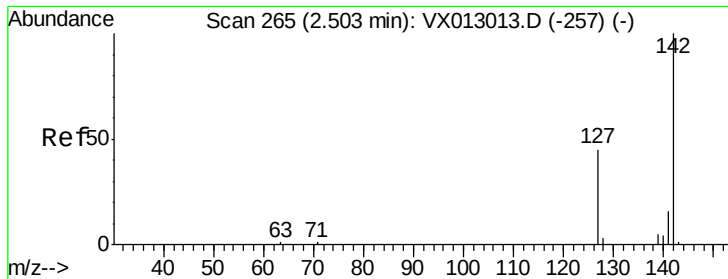
200

0

2.35 2.38 2.40

Time-->

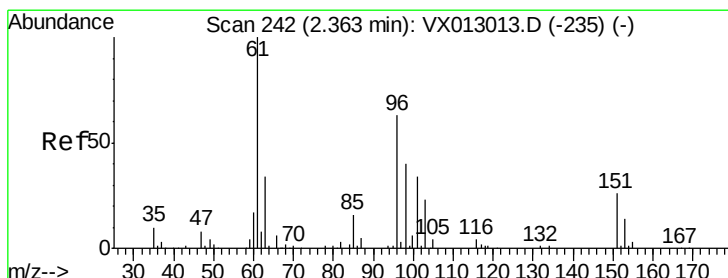
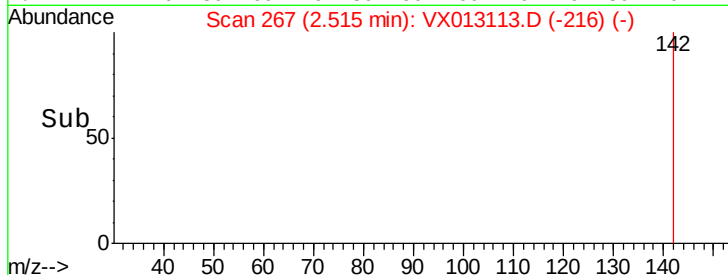
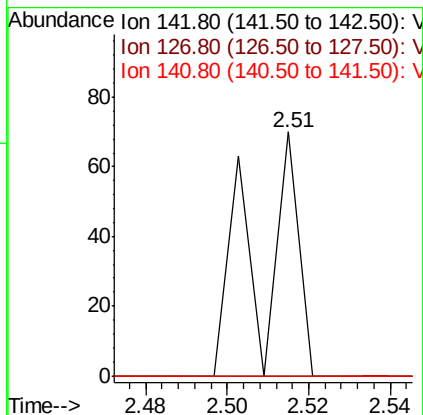
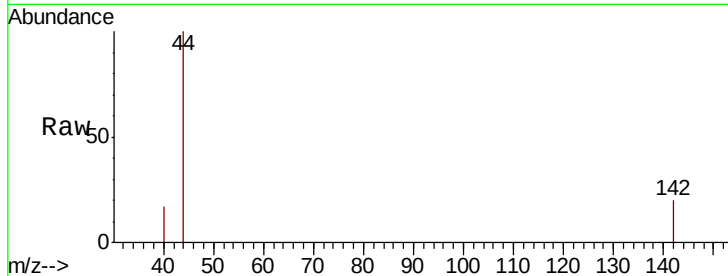




#10
Methyl Iodide
Concen: 5.104 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX013113.D
Acq: 17 Oct 2019 17:31

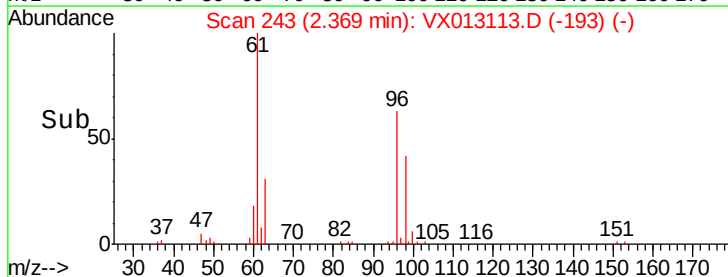
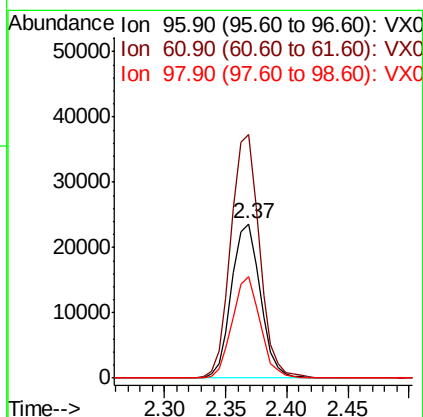
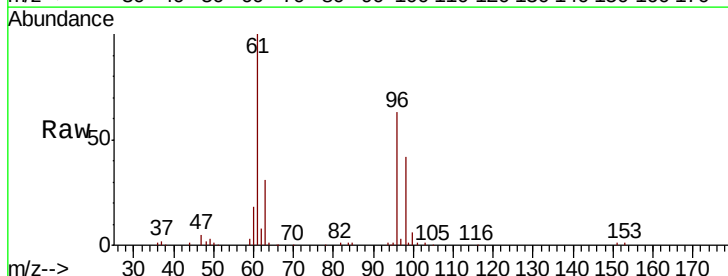
Instrument :
MSVOA_X
ClientSampleId :
MW-310-SRI4

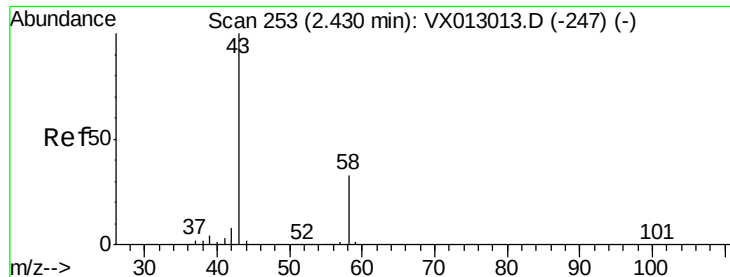
Tot Ion:142 Resp: 49
Ion Ratio Lower Upper
142 100
127 0.0 34.9 52.3#
141 0.0 11.6 17.4#



#12
1,1-Dichloroethene
Concen: 22.192 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013113.D
Acq: 17 Oct 2019 17:31

Tgt Ion: 96 Resp: 38777
Ion Ratio Lower Upper
96 100
61 157.9 132.2 198.4
98 65.7 50.5 75.7





#16

Acetone

Concen: 0.686 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

Instrument :

MSVOA_X

ClientSampled :

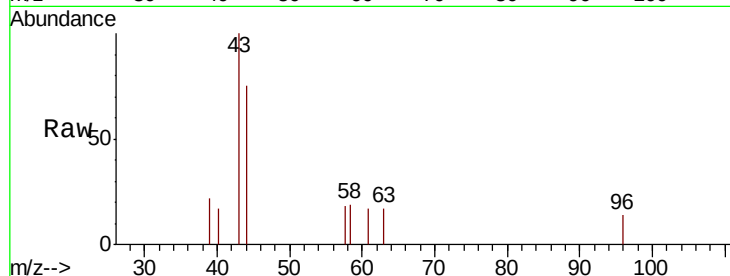
MW-310-SRI4

Tot Ion: 43 Resp: 781

Ion Ratio Lower Upper

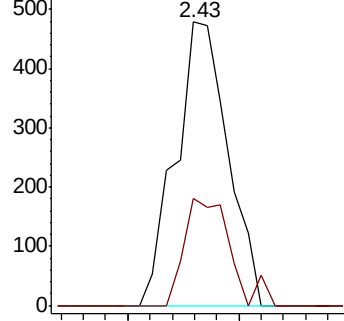
43 100

58 37.7 25.4 38.2

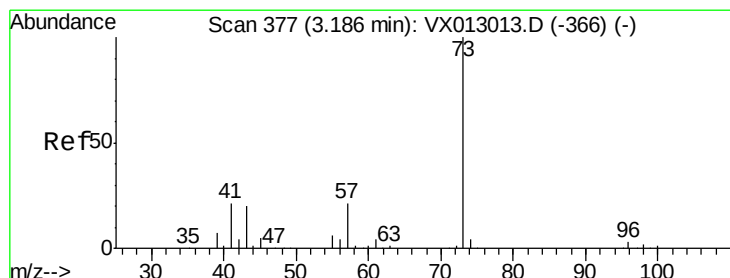
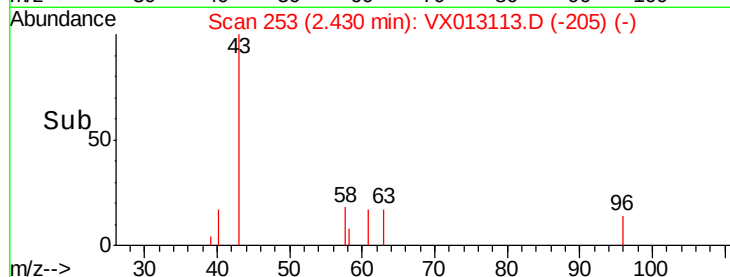


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#19

Methyl tert-butyl Ether

Concen: 0.900 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX013113.D

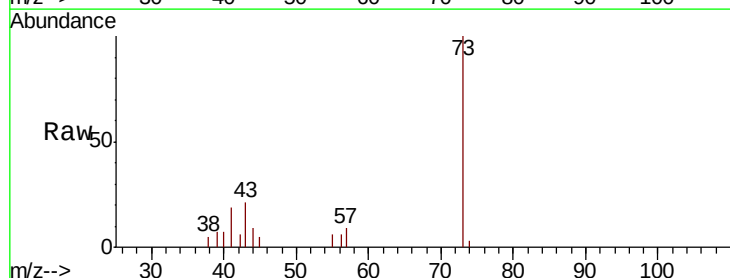
Acq: 17 Oct 2019 17:31

Tgt Ion: 73 Resp: 5433

Ion Ratio Lower Upper

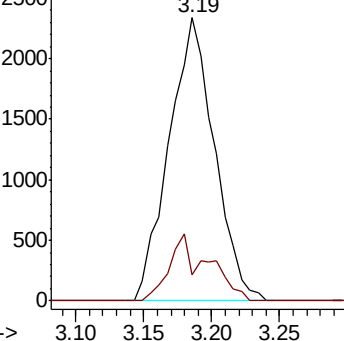
73 100

57 9.2 17.8 26.6#

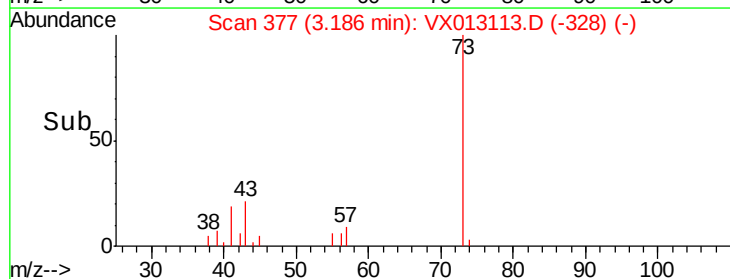


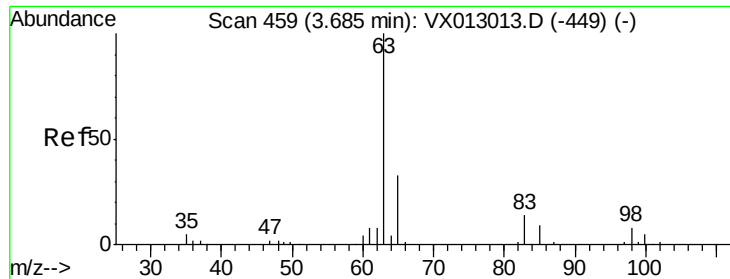
Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->





#24

1,1-Dichloroethane

Concen: 4.075 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

MW-310-SRI4

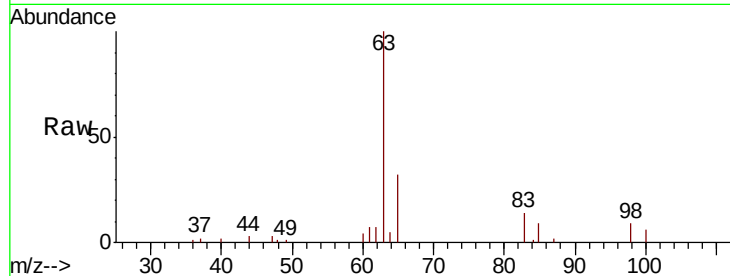
Tot Ion: 63 Resp: 13671

Ion Ratio Lower Upper

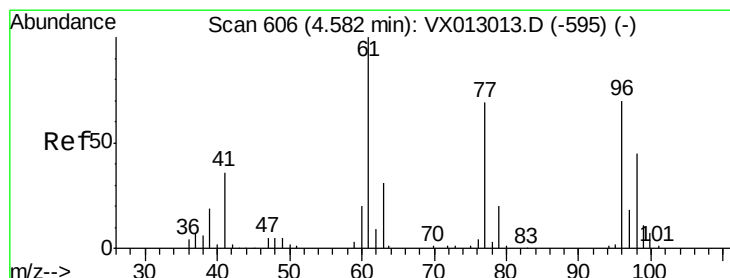
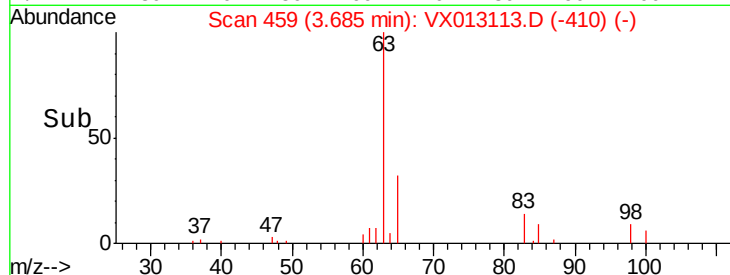
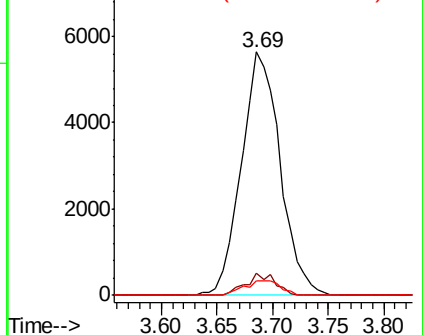
63 100

98 8.9 3.9 11.5

100 6.0 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 3.874 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

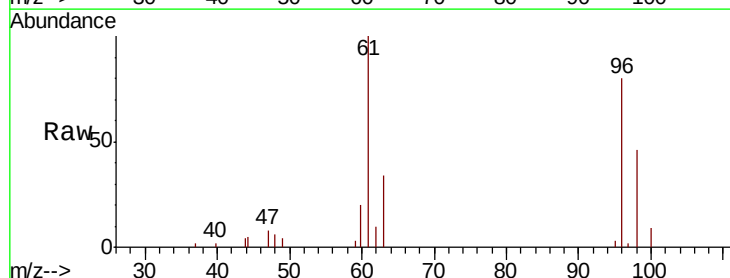
Tgt Ion: 96 Resp: 8363

Ion Ratio Lower Upper

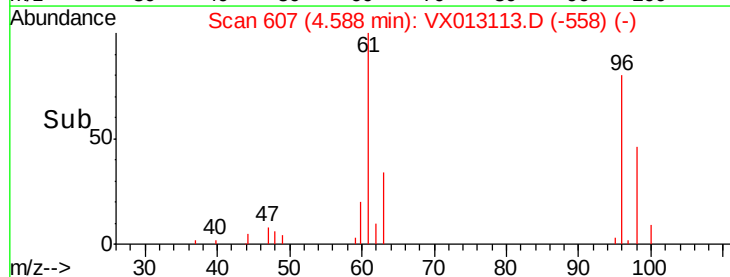
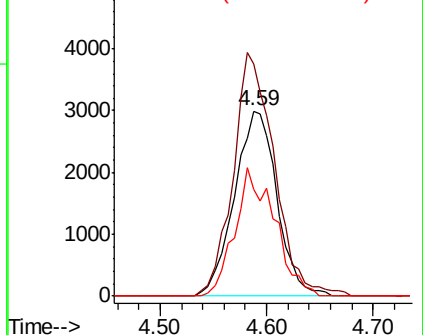
96 100

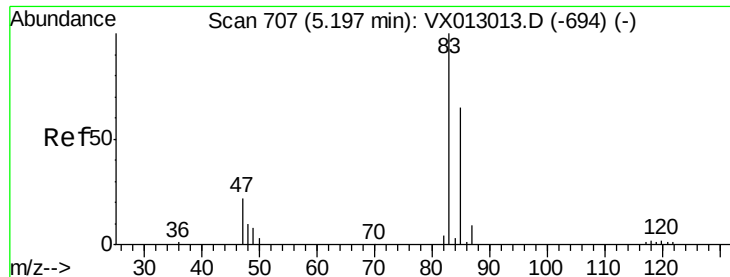
61 127.7 0.0 290.6

98 65.1 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

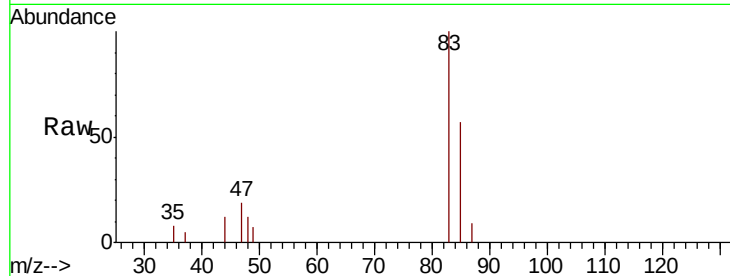




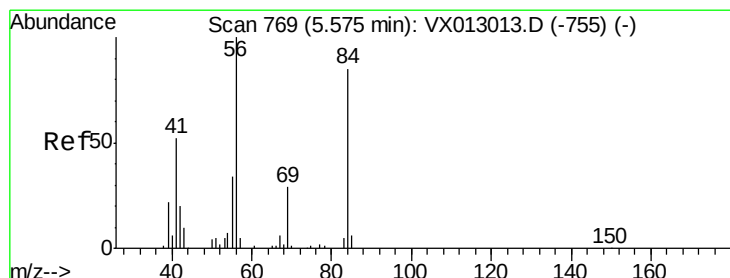
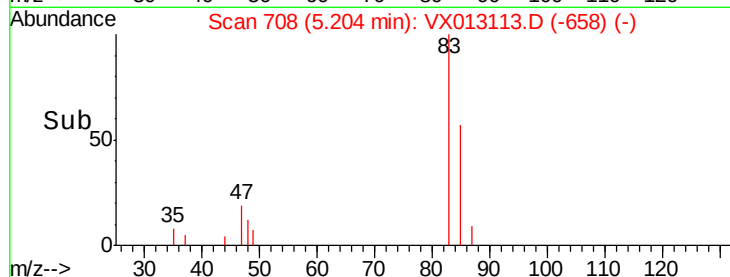
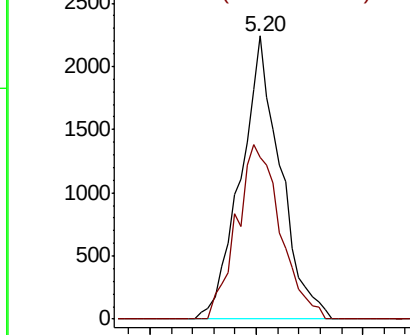
#30
Chloroform
Concen: 1.698 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013113.D
Acq: 17 Oct 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
MW-310-SRI4

Tot Ion: 83 Resp: 5846
Ion Ratio Lower Upper
83 100
85 57.4 51.5 77.3

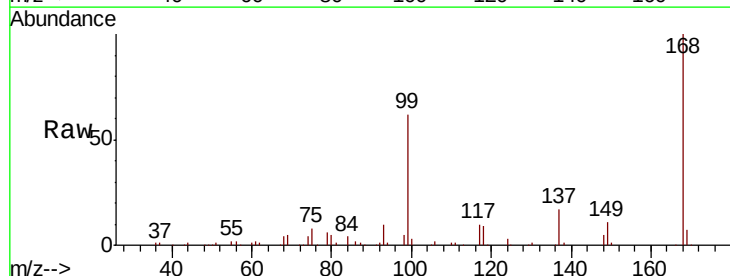


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

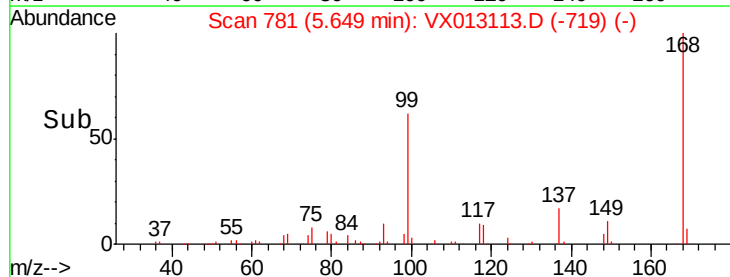
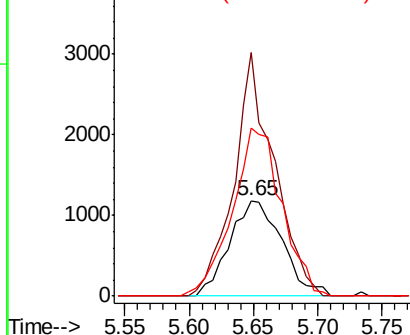


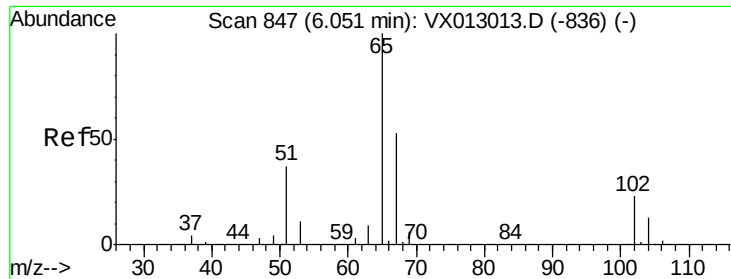
#31
Cyclohexane
Concen: 1.063 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX013113.D
Acq: 17 Oct 2019 17:31

Tgt Ion: 56 Resp: 3335
Ion Ratio Lower Upper
56 100
69 255.3 25.2 37.8#
84 176.0 71.3 106.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

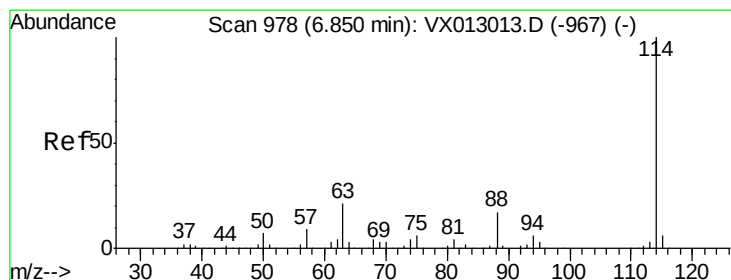
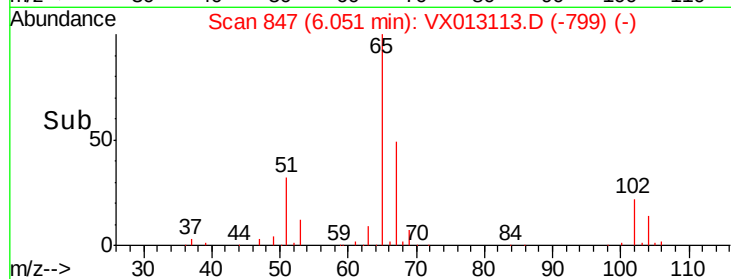
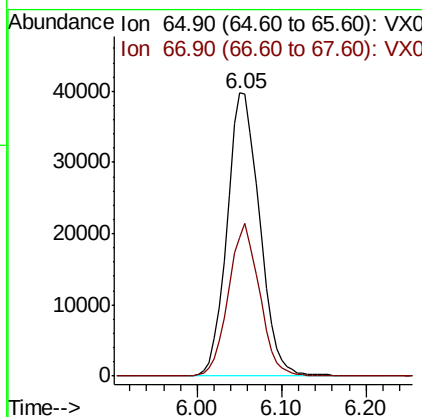
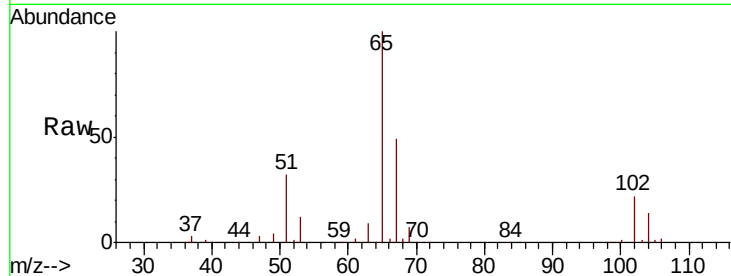




#33
 1,2-Dichloroethane-d4
 Concen: 48.268 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013113.D
 Acq: 17 Oct 2019 17:31

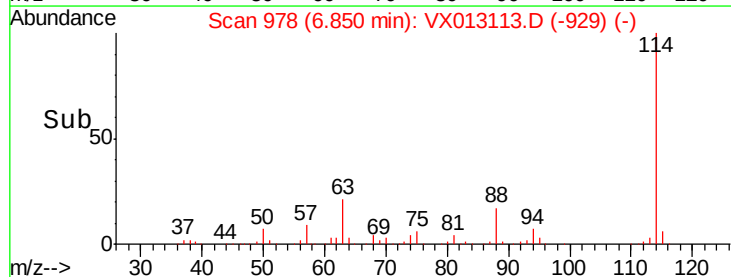
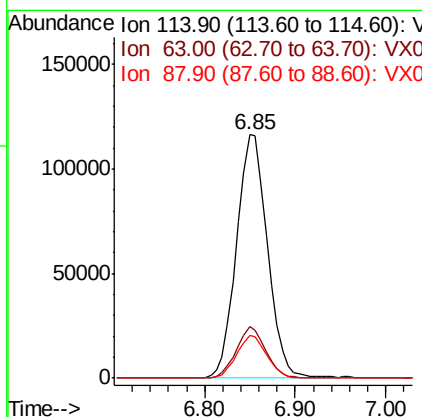
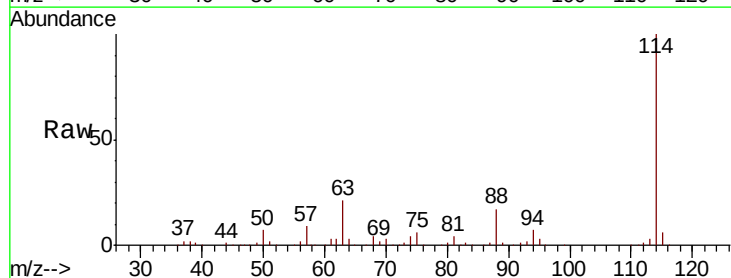
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-310-SRI4

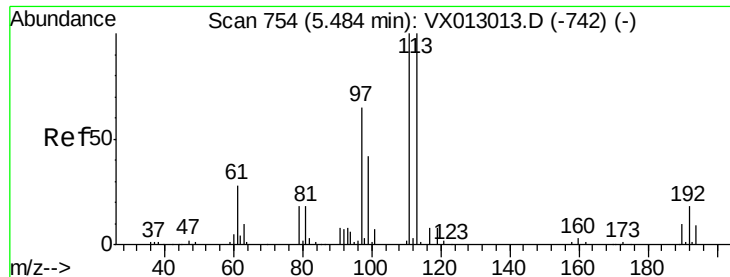
Tot Ion: 65 Resp: 104314
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013113.D
 Acq: 17 Oct 2019 17:31

Tgt Ion: 114 Resp: 275605
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 17.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.907 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

MW-310-SRI4

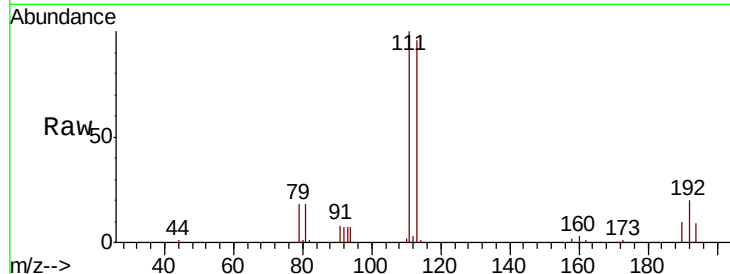
Tot Ion:113 Resp: 82108

Ion Ratio Lower Upper

113 100

111 103.6 83.2 124.8

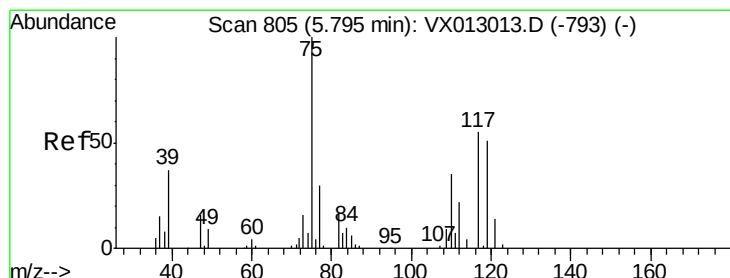
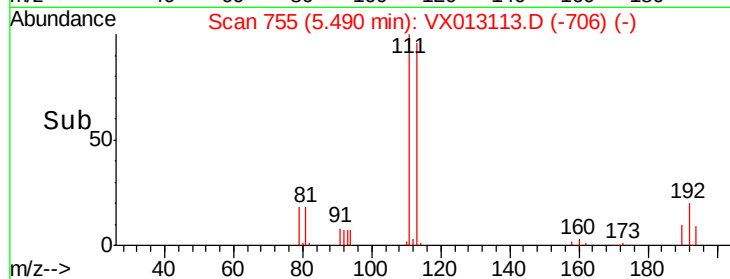
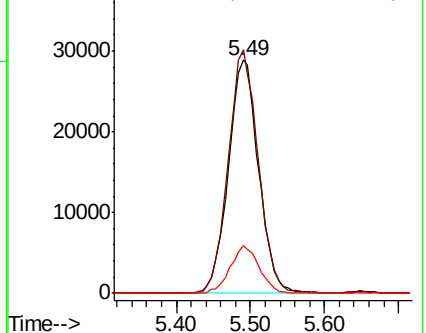
192 19.7 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.457 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

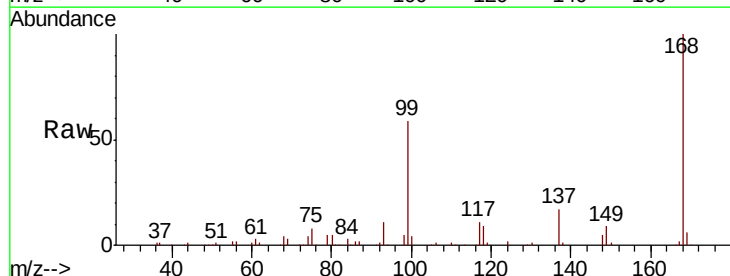
Tgt Ion: 75 Resp: 13223

Ion Ratio Lower Upper

75 100

110 10.1 17.6 52.9#

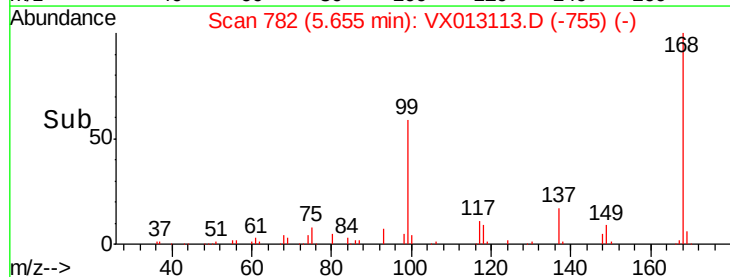
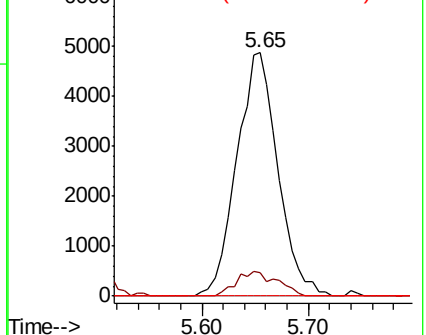
77 0.0 24.4 36.6#

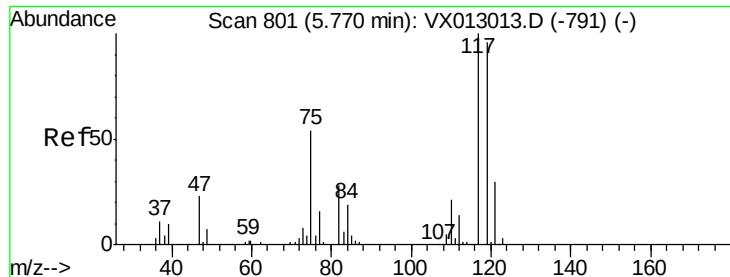


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.479 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

MW-310-SRI4

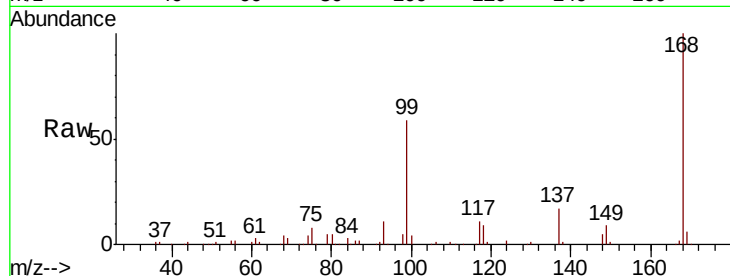
Tot Ion:117 Resp: 17639

Ion Ratio Lower Upper

117 100

119 5.6 74.5 111.7#

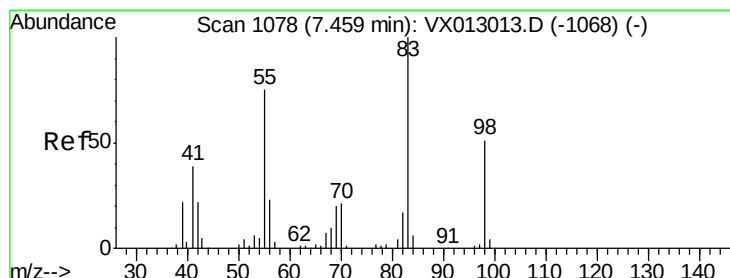
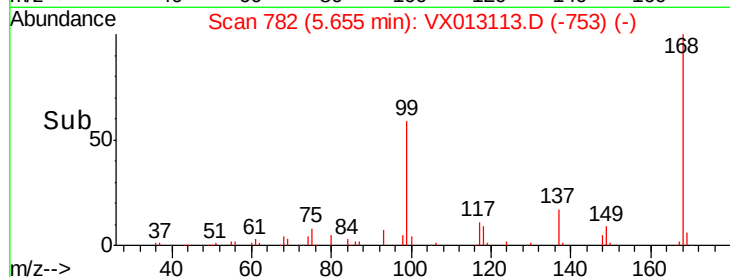
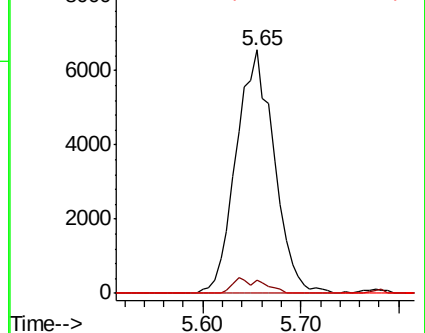
121 0.0 24.2 36.4#



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



#39

Methylcyclohexane

Concen: 0.400 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.26 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

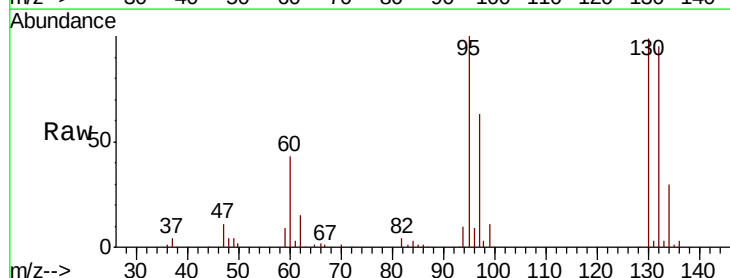
Tgt Ion: 83 Resp: 1174

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

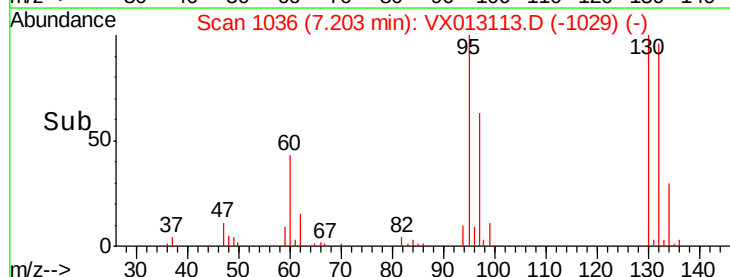
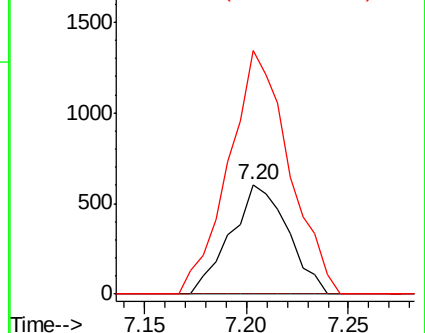
98 222.4 38.5 57.7#

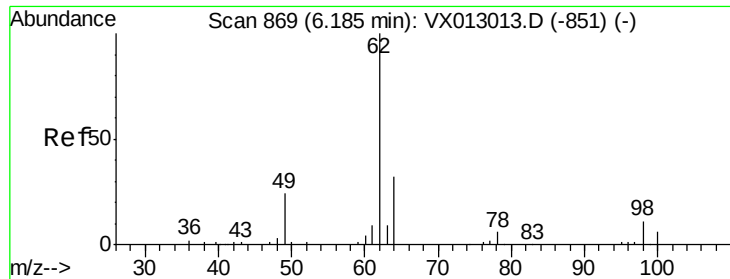


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#42

1,2-Dichloroethane

Concen: 0.785 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

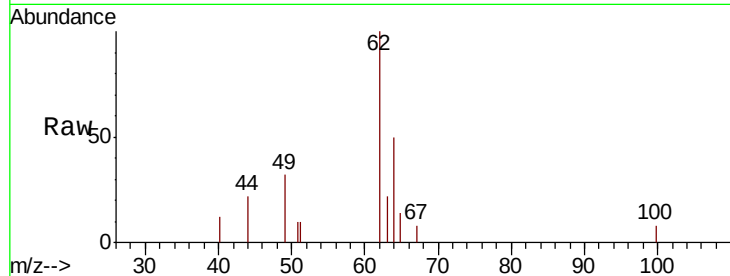
MW-310-SRI4

Tot Ion: 62 Resp: 2017

Ion Ratio Lower Upper

62 100

98 1.4 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.18

800

600

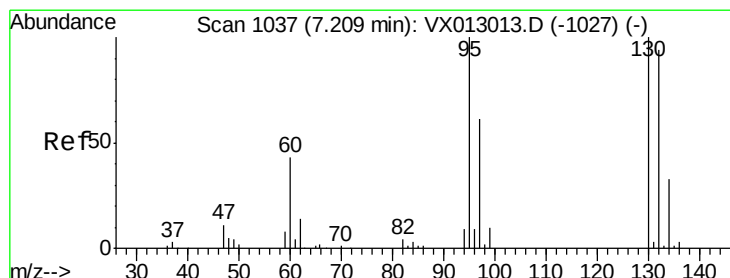
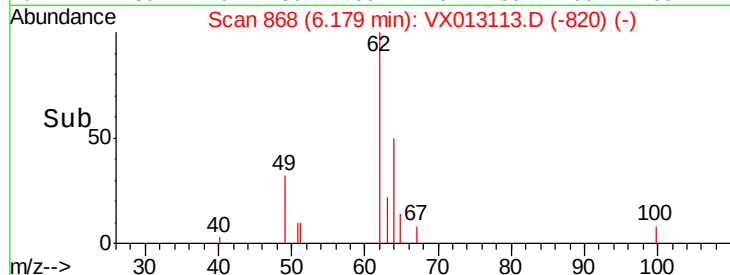
400

200

0

Time-->

6.10 6.15 6.20 6.25



#44

Trichloroethene

Concen: 54.903 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX013113.D

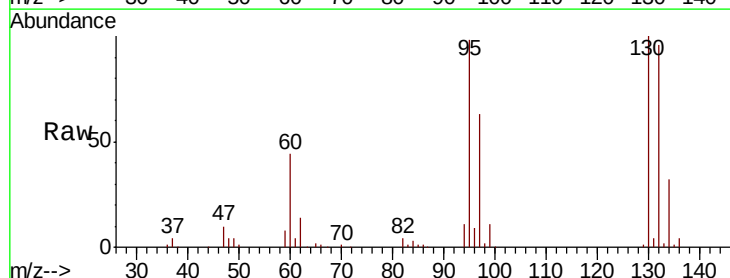
Acq: 17 Oct 2019 17:31

Tgt Ion:130 Resp: 108959

Ion Ratio Lower Upper

130 100

95 98.3 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

60000

50000

40000

30000

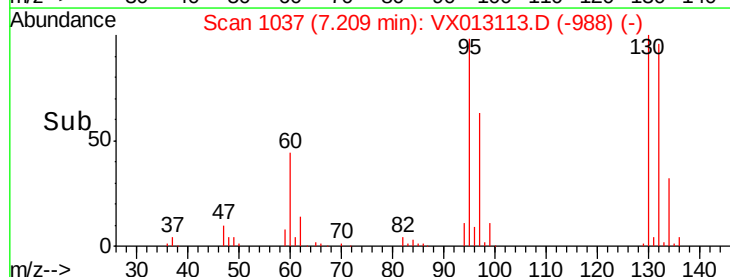
20000

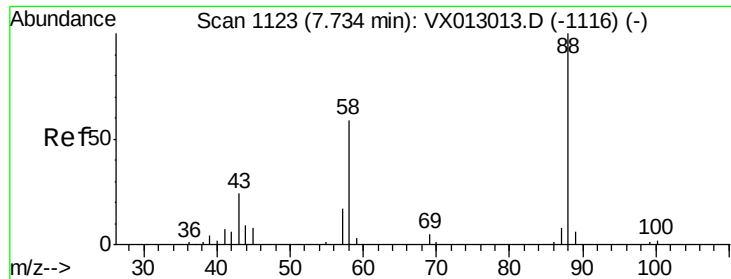
10000

0

Time-->

7.10 7.20 7.30

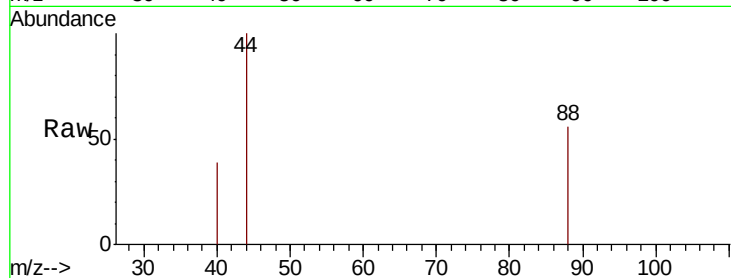




#49
1,4-Dioxane
Concen: 37.375 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.02 min
Lab File: VX013113.D
Acq: 17 Oct 2019 17:31

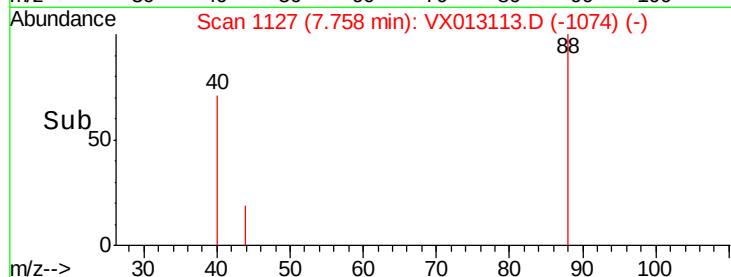
Instrument :
MSVOA_X
ClientSampleId :
MW-310-SRI4

Tot Ion: 88 Resp: 135
Ion Ratio Lower Upper
88 100
43 0.0 25.0 37.6#
58 0.0 55.4 83.2#

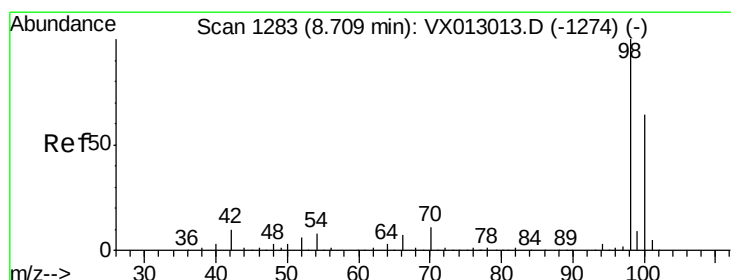


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

7.76

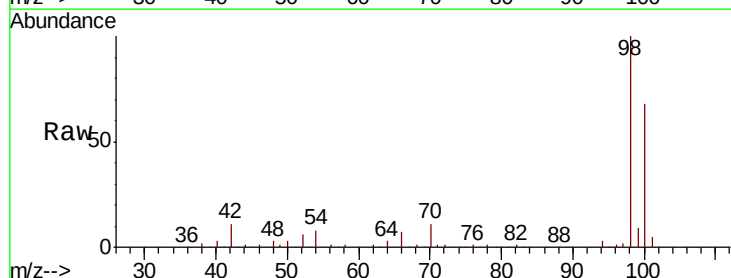


Time--> 7.72 7.74 7.76 7.78



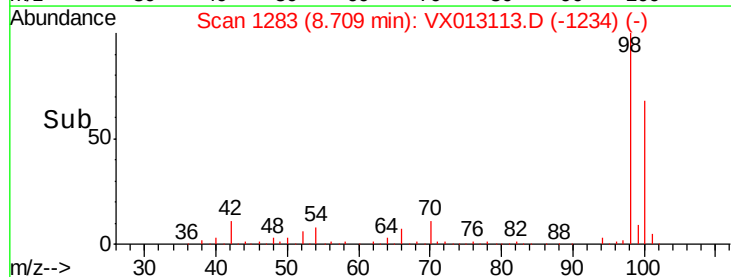
#50
Toluene-d8
Concen: 51.113 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013113.D
Acq: 17 Oct 2019 17:31

Tgt Ion: 98 Resp: 315343
Ion Ratio Lower Upper
98 100
100 68.0 53.4 80.2

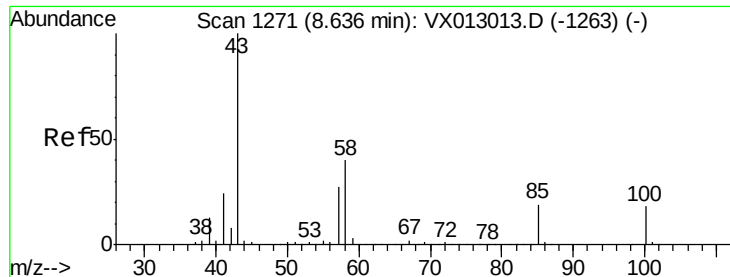


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

8.71



Time--> 8.60 8.70 8.80



#51

4-Methyl-2-Pentanone

Concen: 0.512 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.07 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

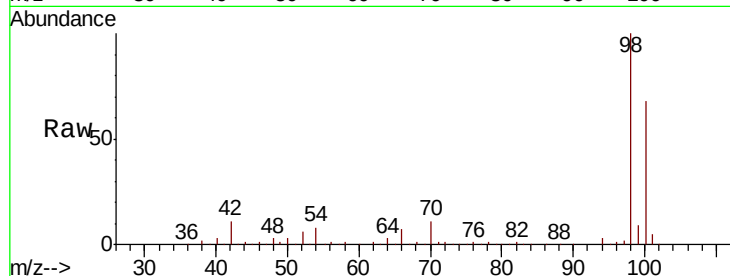
MW-310-SRI4

Tot Ion: 43 Resp: 1388

Ion Ratio Lower Upper

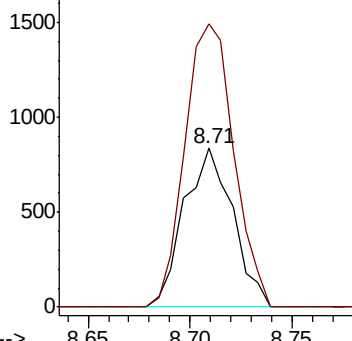
43 100

58 179.3 32.4 48.6#

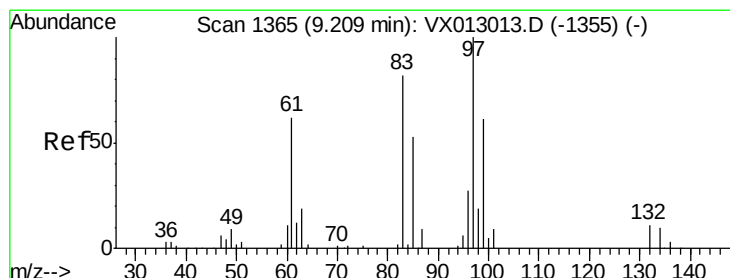
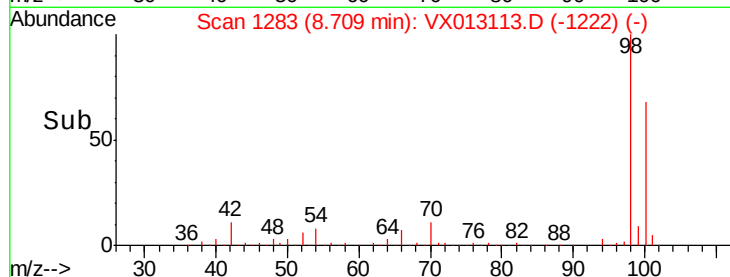


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#55

1,1,2-Trichloroethane

Concen: 0.445 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

Tgt Ion: 97 Resp: 806

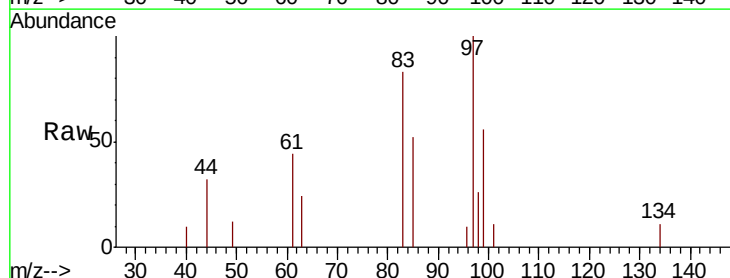
Ion Ratio Lower Upper

97 100

83 82.9 66.5 99.7

85 51.8 43.1 64.7

99 55.7 49.2 73.8

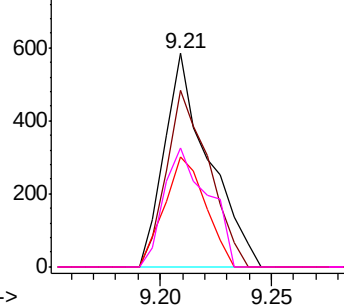


Abundance Ion 96.90 (96.60 to 97.60): VX0

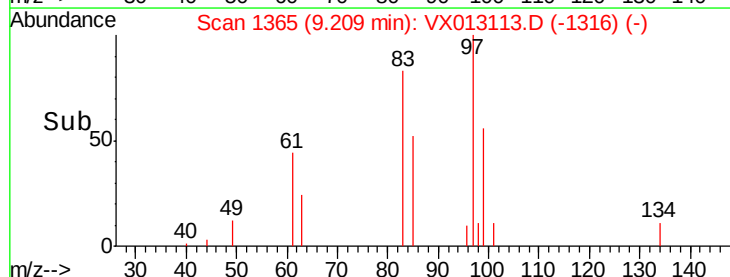
Ion 82.90 (82.60 to 83.60): VX0

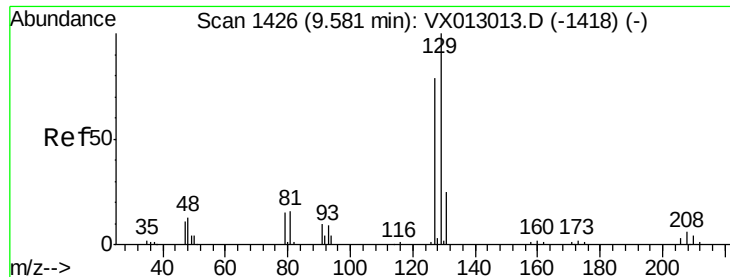
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



Time-->





#60

Dibromochloromethane

Concen: 10.034 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

Instrument :

MSVOA_X

ClientSampled :

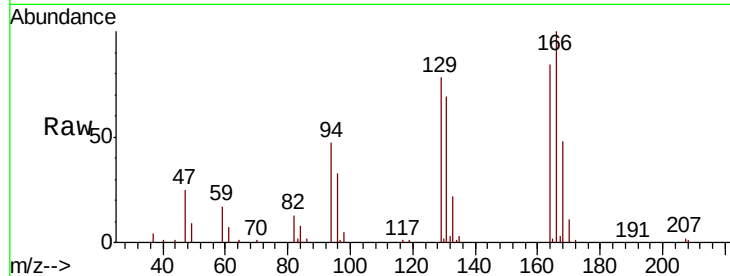
MW-310-SRI4

Tot Ion:129 Resp: 17124

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

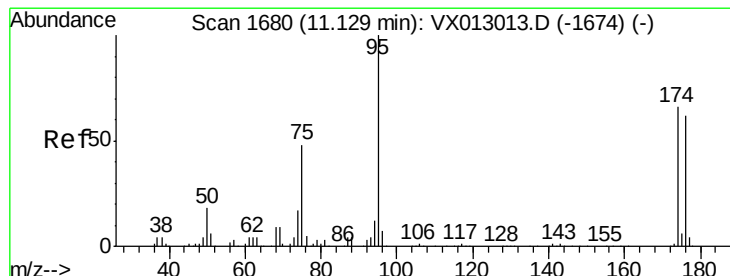
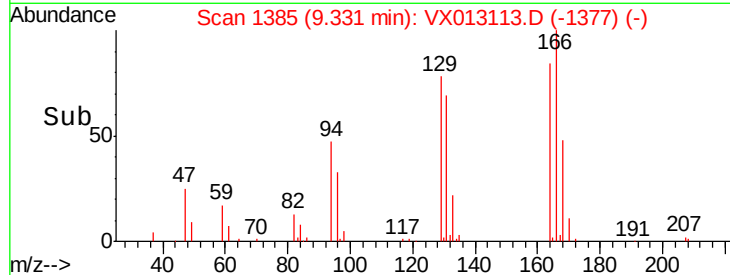
9.33

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.382 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

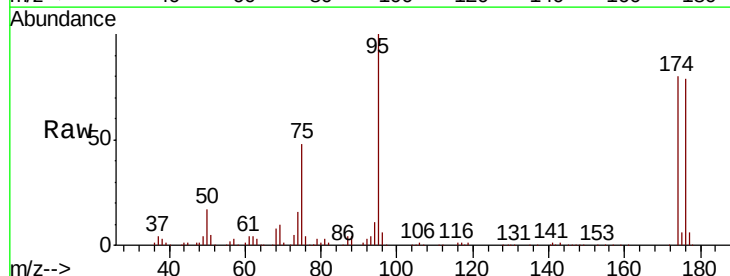
Tgt Ion: 95 Resp: 103996

Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.4

176 71.3 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

100000

80000

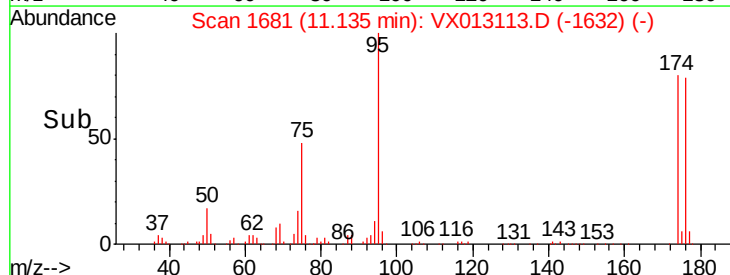
60000

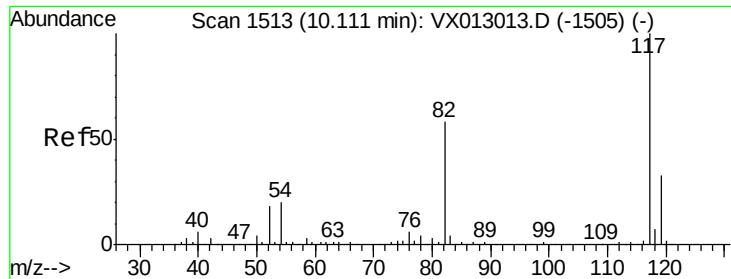
40000

20000

0

Time-->

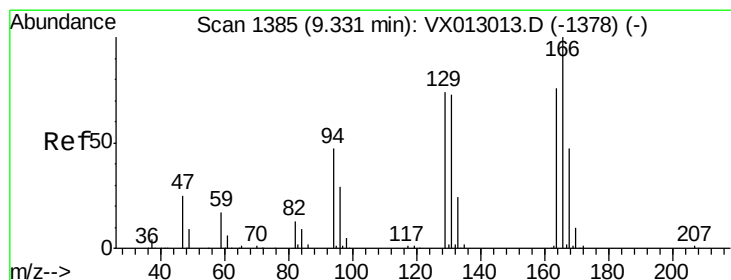
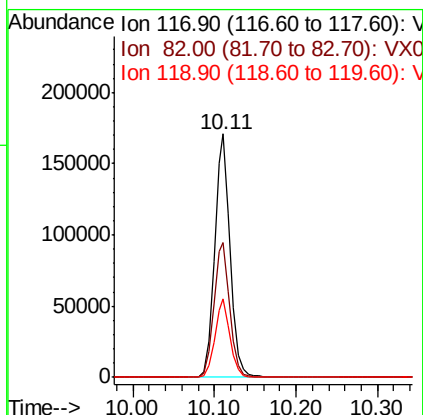
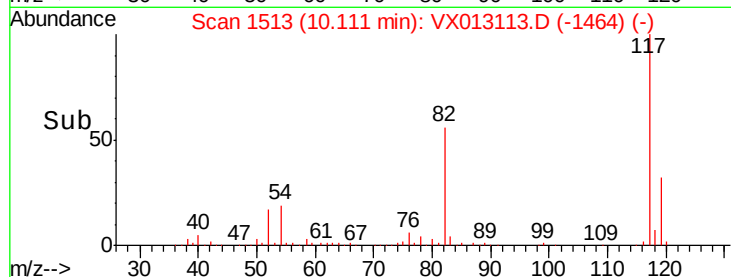
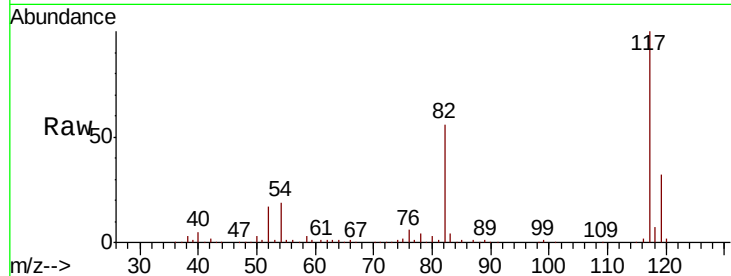




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013113.D
Acq: 17 Oct 2019 17:31

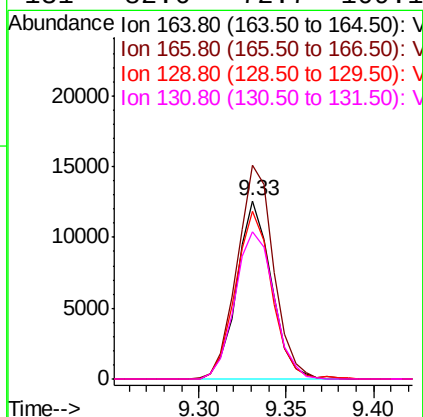
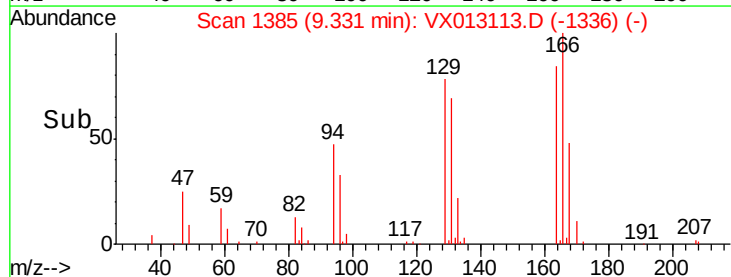
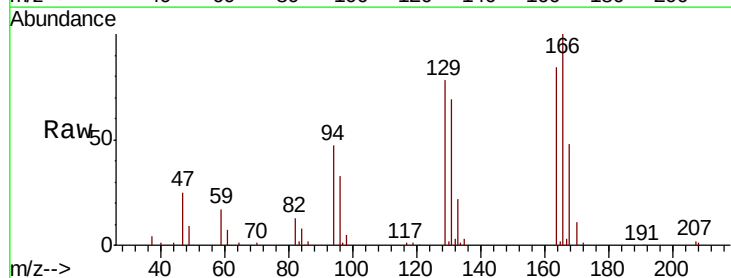
Instrument :
MSVOA_X
ClientSampleId :
MW-310-SRI4

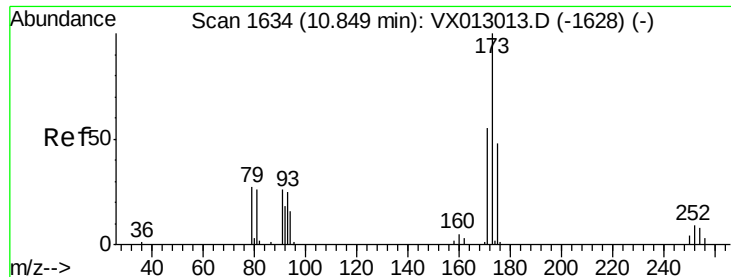
Tot Ion:117 Resp: 228968
Ion Ratio Lower Upper
117 100
82 55.6 44.1 66.1
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 10.871 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013113.D
Acq: 17 Oct 2019 17:31

Tgt Ion:164 Resp: 17264
Ion Ratio Lower Upper
164 100
166 119.7 96.9 145.3
129 93.7 77.9 116.9
131 82.6 72.7 109.1





#71

Bromoform

Concen: 3.198 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.27 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

MW-310-SRI4

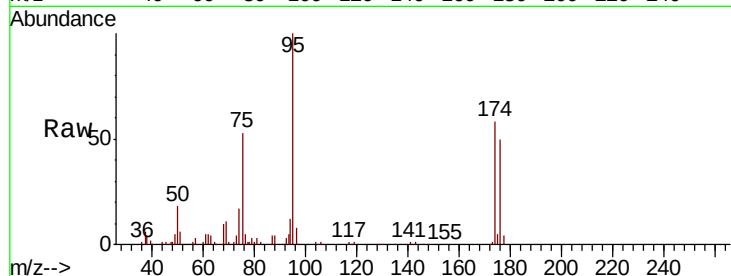
Tot Ion:173 Resp: 94

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.3#

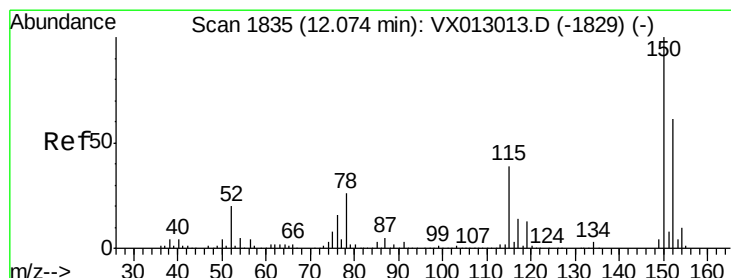
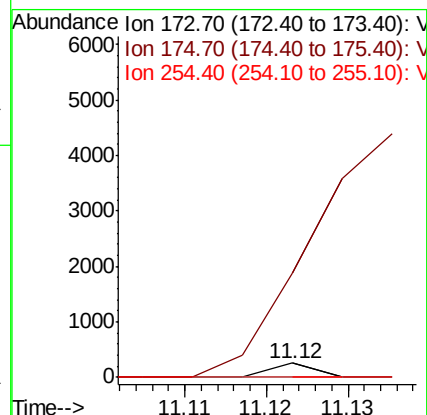
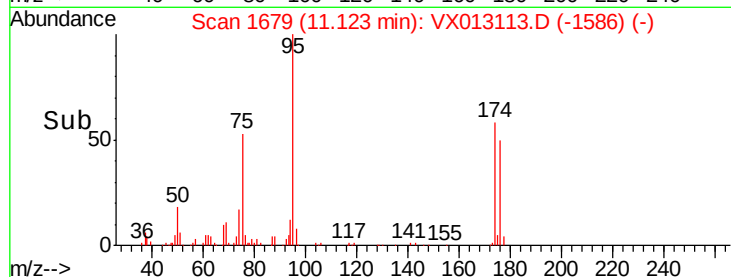
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013113.D

Acq: 17 Oct 2019 17:31

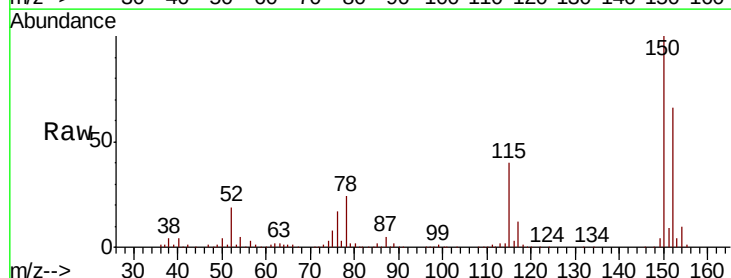
Tgt Ion:152 Resp: 87425

Ion Ratio Lower Upper

152 100

115 61.3 44.5 133.5

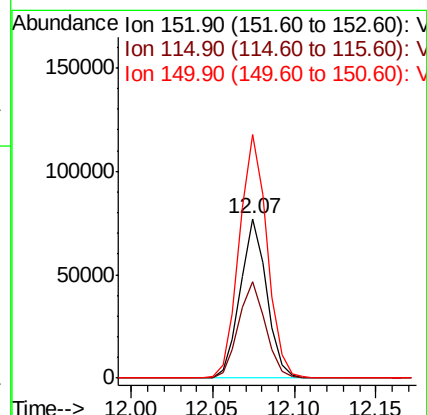
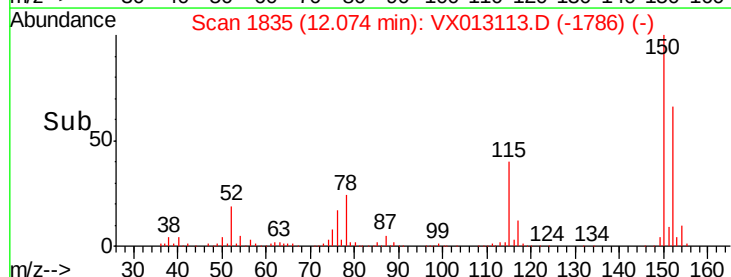
150 160.1 0.0 353.4

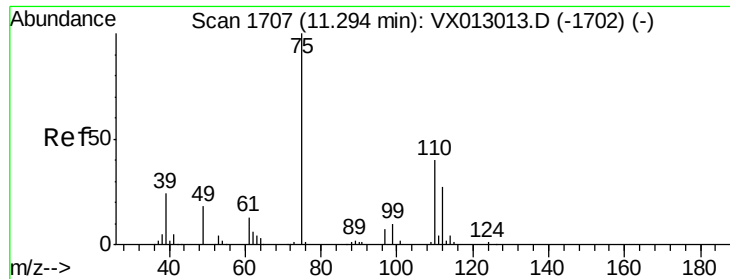


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

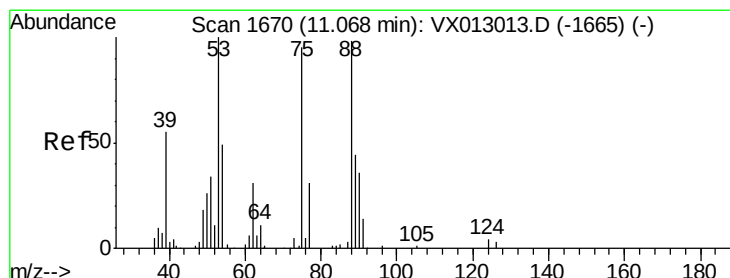
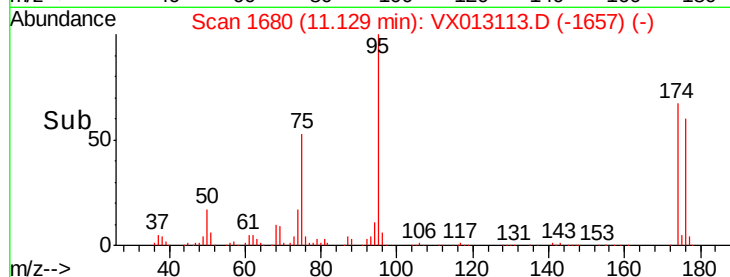
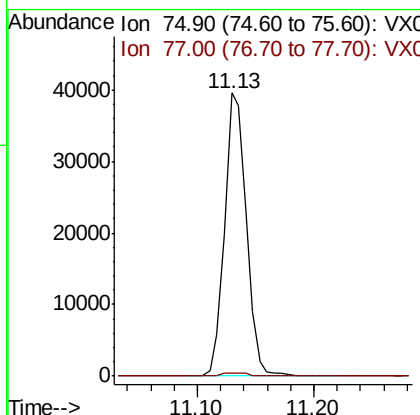
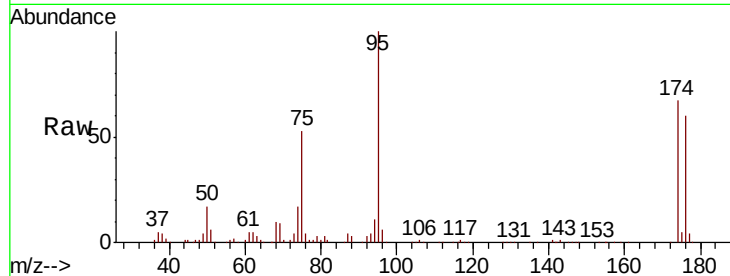




#76
 1,2,3-Trichloropropane
 Concen: 26.376 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013113.D
 Acq: 17 Oct 2019 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-310-SRI4

Tot Ion: 75 Resp: 51145
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.9 68.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.369 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013113.D
 Acq: 17 Oct 2019 17:31

Tgt Ion: 75 Resp: 51145
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.4 56.2#

