

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014140.D
 Acq On : 20 Dec 2019 00:00
 Operator : JC/SP
 Sample : VX1219WBL03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 03:58:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	573031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	864214	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	784152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350754	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	310478	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
35) Dibromofluoromethane	5.49	113	257460	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	8.71	98	1025935	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.13	95	348068	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	

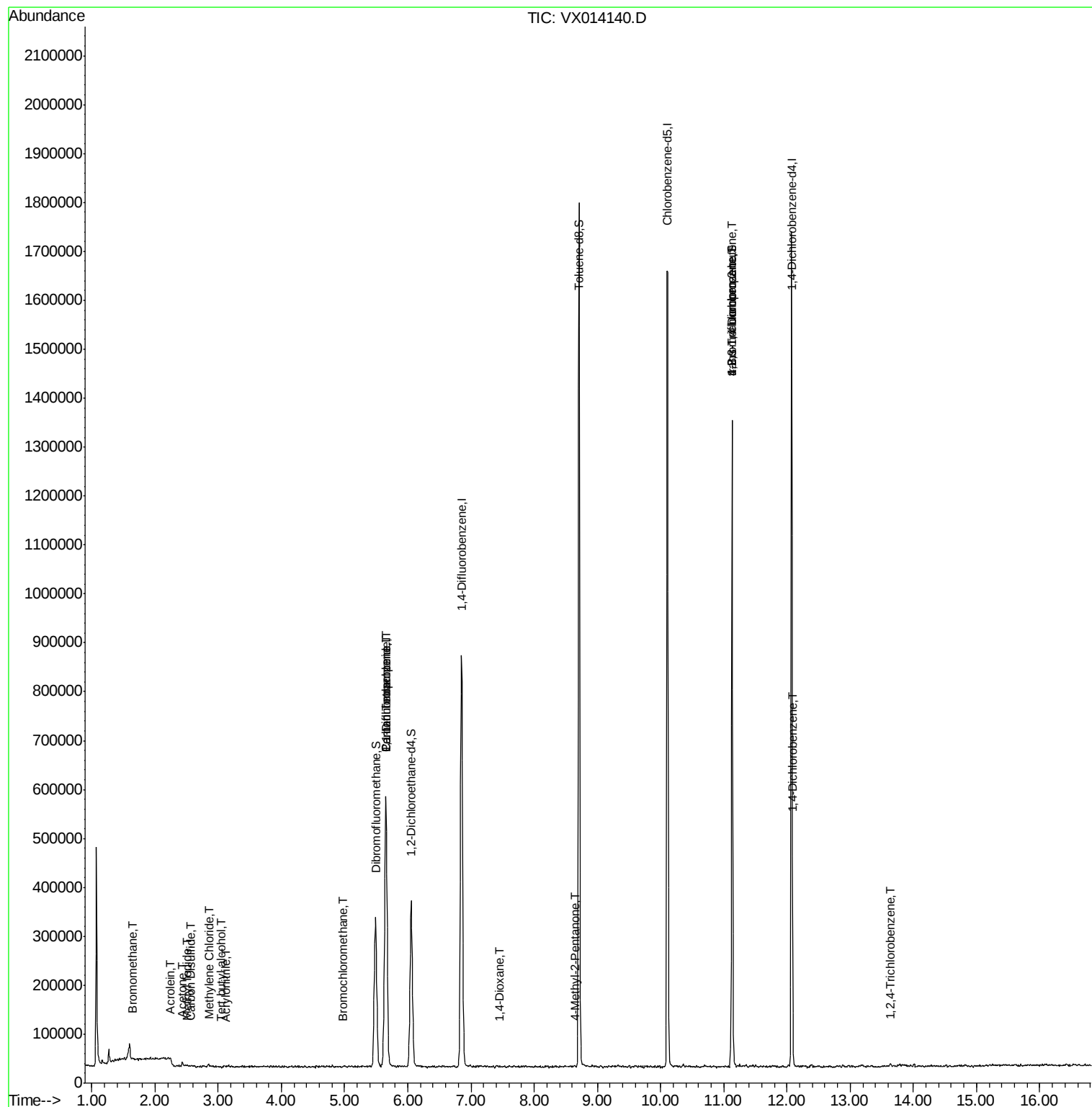
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	3692	0.717	ug/l	89
10) Methyl Iodide	2.51	142	2456	2.947	ug/l #	92
11) Tert butyl alcohol	3.03	59	415	0.296	ug/l #	1
13) Acrolein	2.25	56	554	0.690	ug/l #	73
15) Acrylonitrile	3.12	53	1129	0.345	ug/l #	30
16) Acetone	2.44	43	7836	1.858	ug/l	100
17) Carbon Disulfide	2.56	76	4901	1.066	ug/l #	94
20) Methylene Chloride	2.85	84	2817	0.424	ug/l #	81
28) Bromochloromethane	4.97	49	1562	0.823	ug/l #	11
36) 1,1-Dichloropropene	5.65	75	38603	4.868	ug/l #	50
38) Carbon Tetrachloride	5.65	117	49439	6.844	ug/l #	16
49) 1,4-Dioxane	7.46	88	397	2.749	ug/l	89
51) 4-Methyl-2-Pentanone	8.64	43	2398	0.263	ug/l #	67
76) 1,2,3-Trichloropropane	11.13	75	172086	22.599	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	172086	63.786	ug/l #	12
88) 1,4-Dichlorobenzene	12.09	146	2687	0.222	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.64	180	1698	0.218	ug/l	95

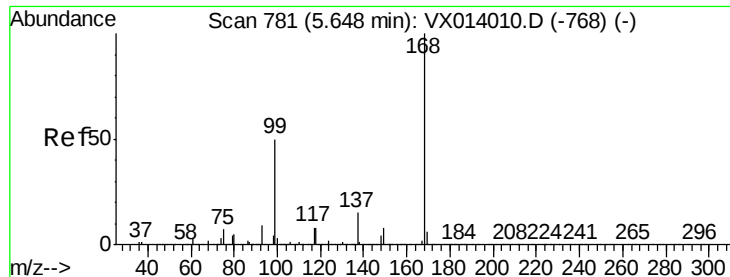
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014140.D
Acq On : 20 Dec 2019 00:00
Operator : JC/SP
Sample : VX1219WBL03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Dec 20 03:58:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014140.D

Acq: 20 Dec 2019 00:00

Instrument :

MSVOA_X

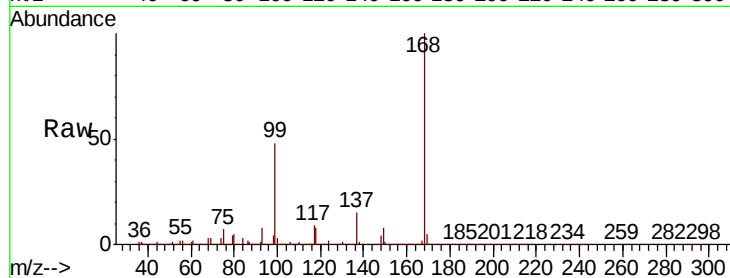
ClientSampleId :

Tot Ion:168 Resp: 573031

Ion Ratio Lower Upper

168 100

99 47.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

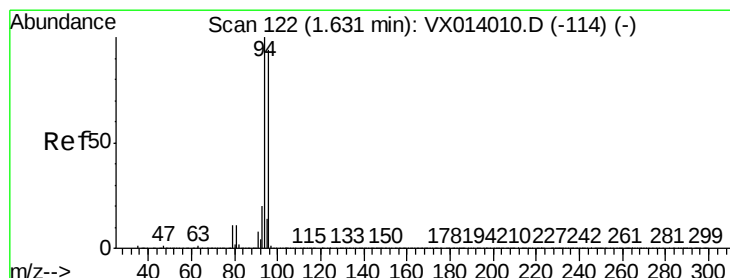
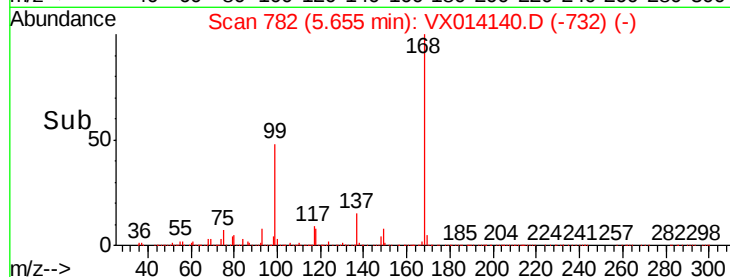
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.717 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014140.D

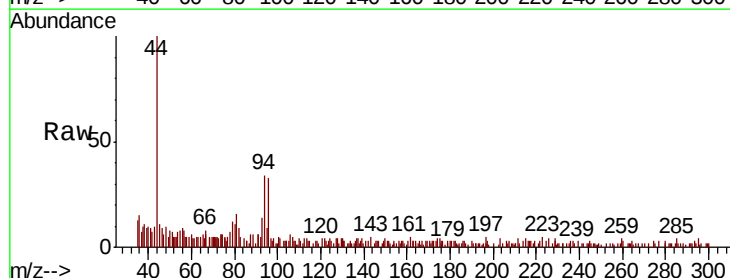
Acq: 20 Dec 2019 00:00

Tgt Ion: 94 Resp: 3692

Ion Ratio Lower Upper

94 100

96 83.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1500

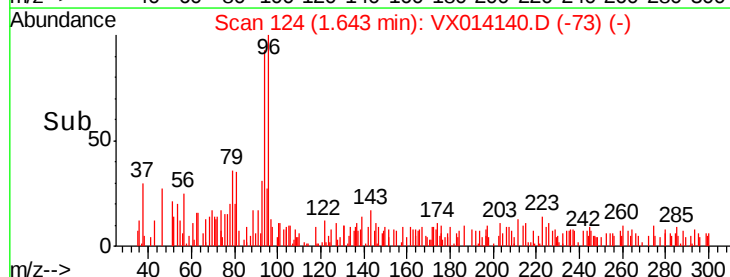
1000

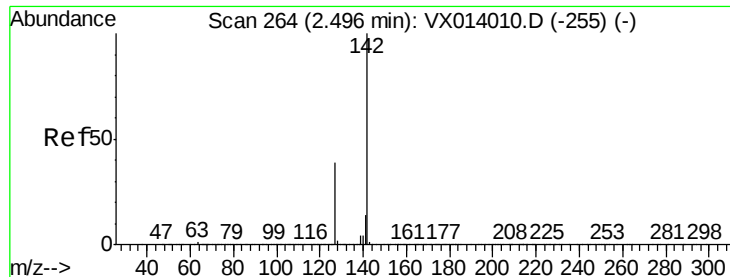
500

0

1.60 1.65 1.70

Time-->

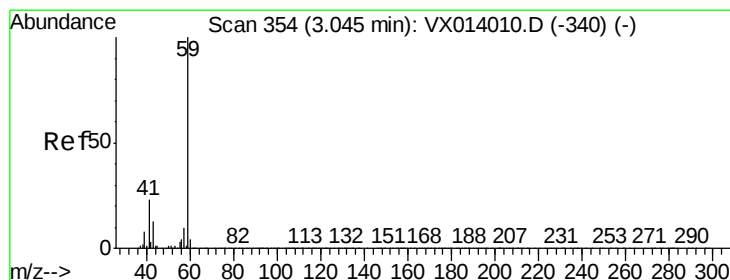
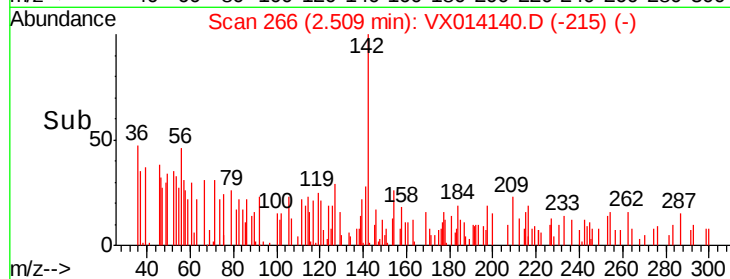
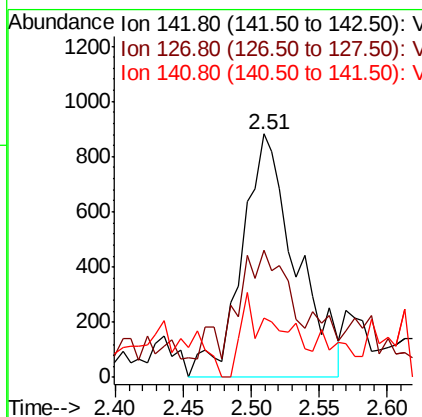
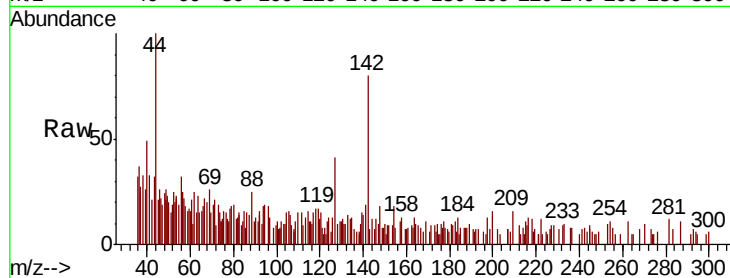




#10
Methvl Iodide
Concen: 2.947 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX014140.D
Acq: 20 Dec 2019 00:00

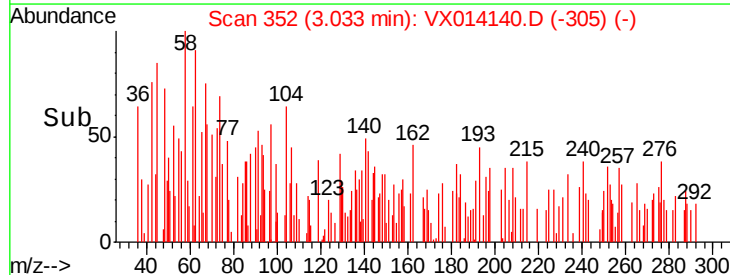
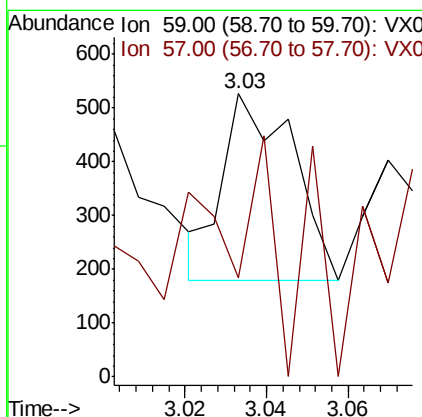
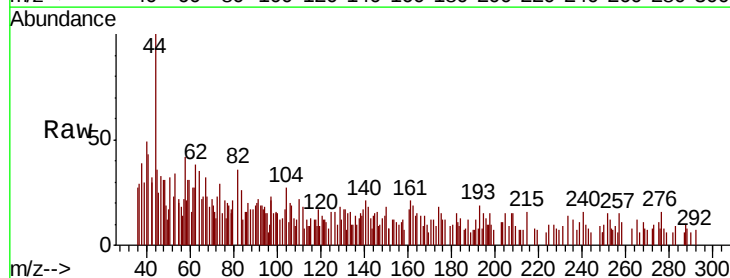
Instrument :
MSVOA_X
ClientSampled :

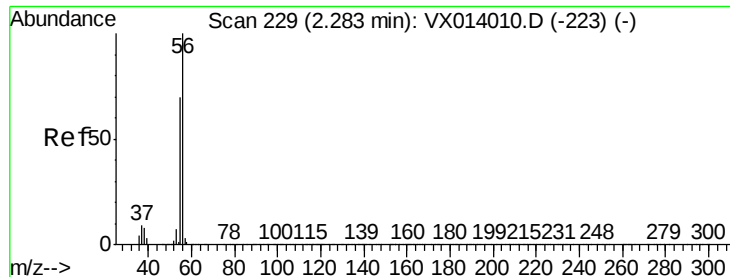
Tot Ion:142 Resp: 2456
Ion Ratio Lower Upper
142 100
127 38.8 31.6 47.4
141 25.8 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.296 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014140.D
Acq: 20 Dec 2019 00:00

Tgt Ion: 59 Resp: 415
Ion Ratio Lower Upper
59 100
57 48.4 8.4 12.6#

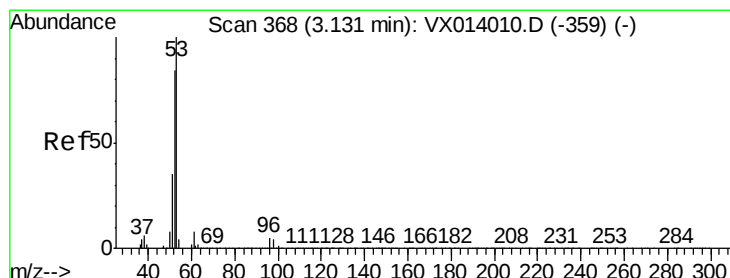
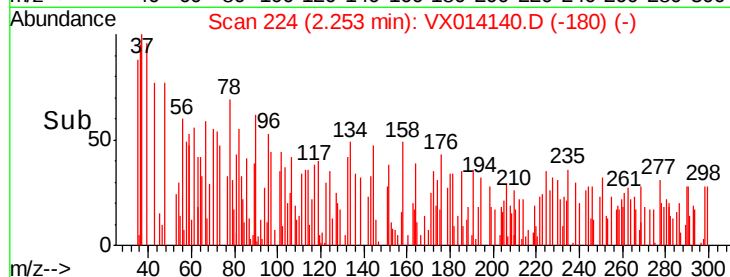
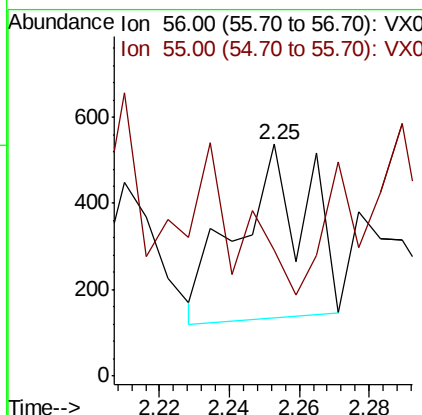
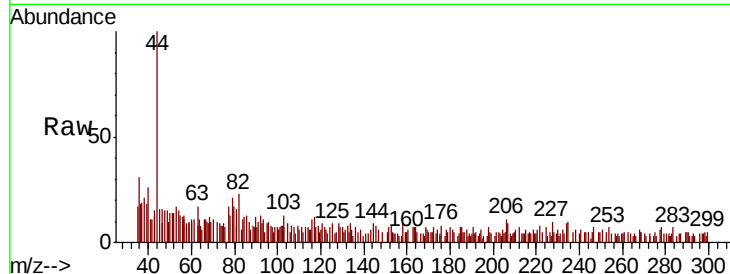




#13
Acrolein
Concen: 0.690 ug/l
RT: 2.25 min Scan# 224
Delta R.T. -0.03 min
Lab File: VX014140.D
Acq: 20 Dec 2019 00:00

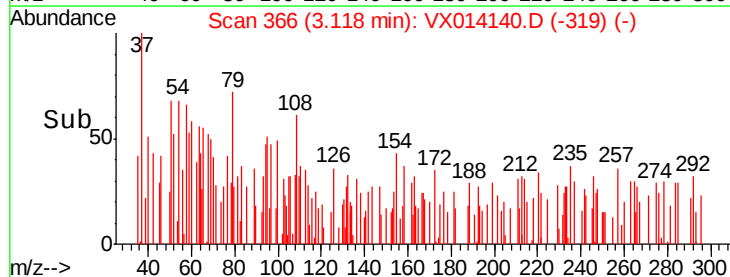
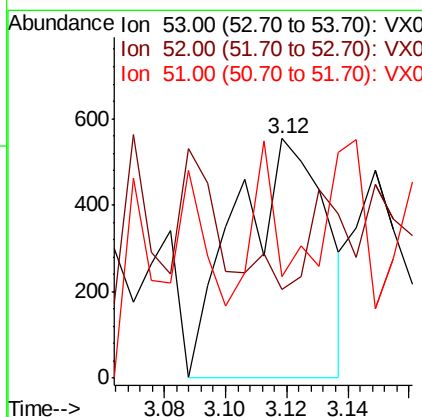
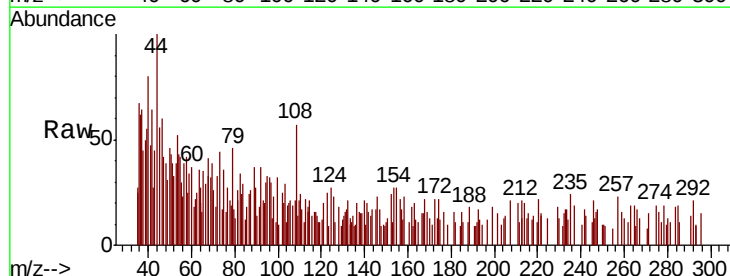
Instrument :
MSVOA_X
ClientSampled :

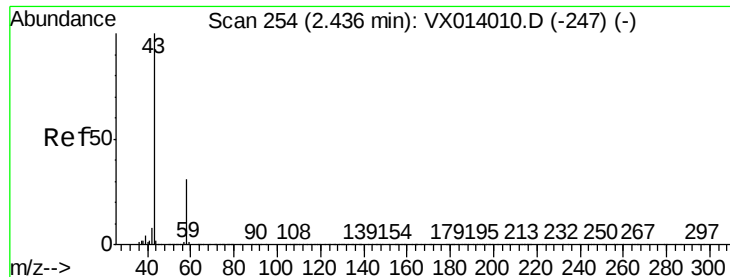
Tot Ion: 56 Resp: 554
Ion Ratio Lower Upper
56 100
55 48.6 56.9 85.3#



#15
Acrylonitrile
Concen: 0.345 ug/l
RT: 3.12 min Scan# 366
Delta R.T. -0.01 min
Lab File: VX014140.D
Acq: 20 Dec 2019 00:00

Tgt Ion: 53 Resp: 1129
Ion Ratio Lower Upper
53 100
52 0.0 66.5 99.7#
51 24.7 28.1 42.1#





#16

Acetone

Concen: 1.858 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014140.D

Acq: 20 Dec 2019 00:00

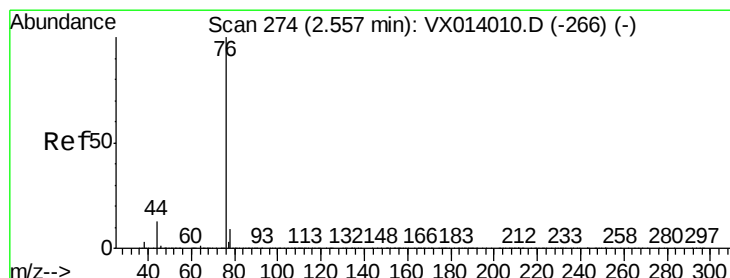
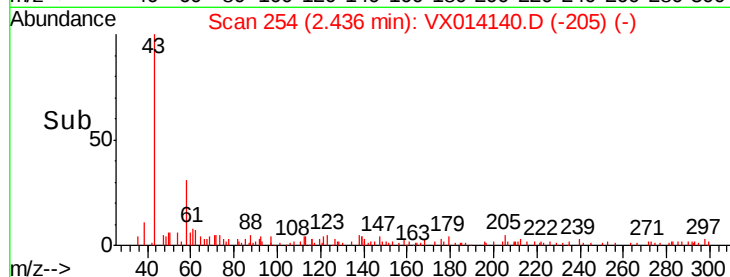
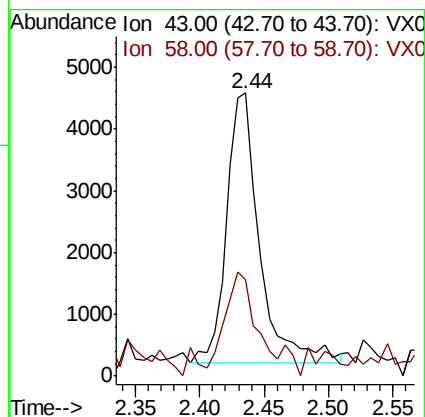
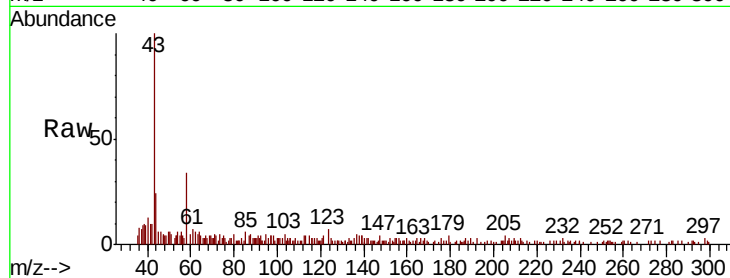
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 7836

Ion Ratio Lower Upper

43 100

58 31.3 24.9 37.3



#17

Carbon Disulfide

Concen: 1.066 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014140.D

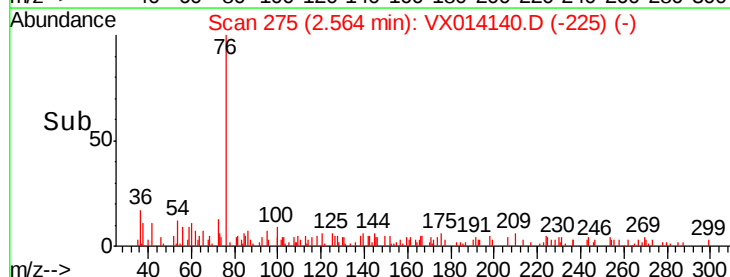
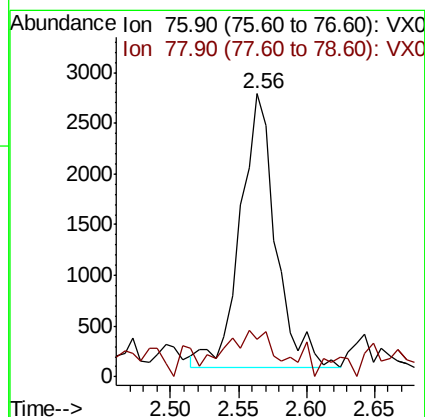
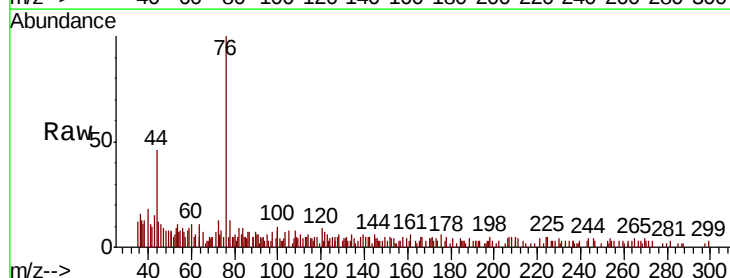
Acq: 20 Dec 2019 00:00

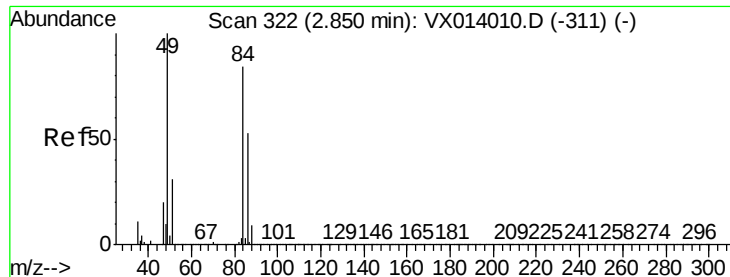
Tgt Ion: 76 Resp: 4901

Ion Ratio Lower Upper

76 100

78 6.9 7.2 10.8#

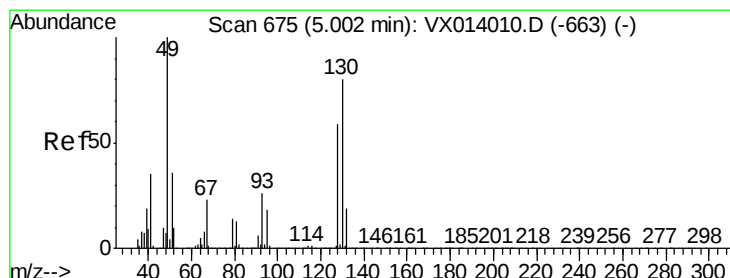
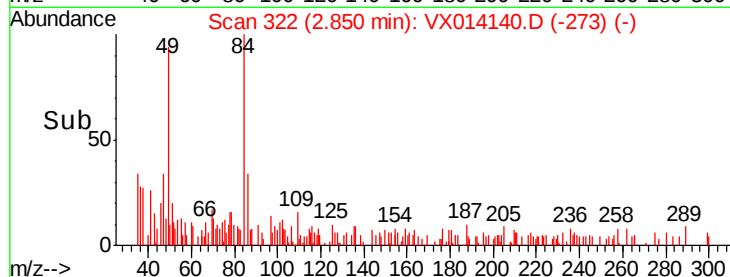
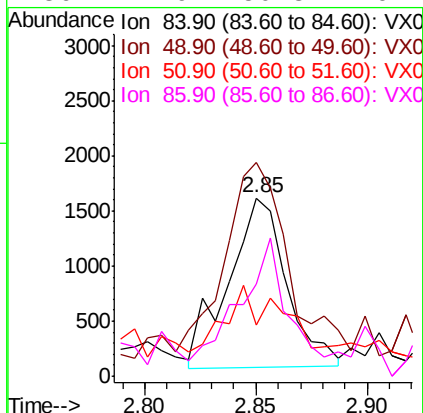
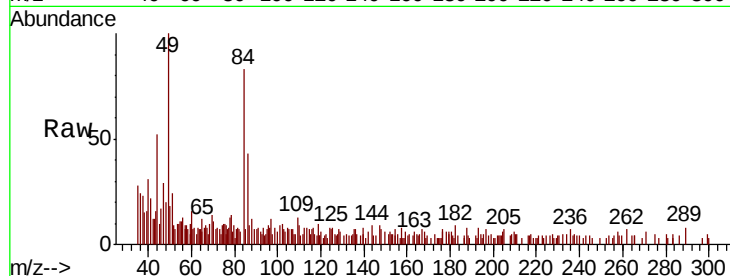




#20
Methvlene Chloride
Concen: 0.424 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014140.D
Acq: 20 Dec 2019 00:00

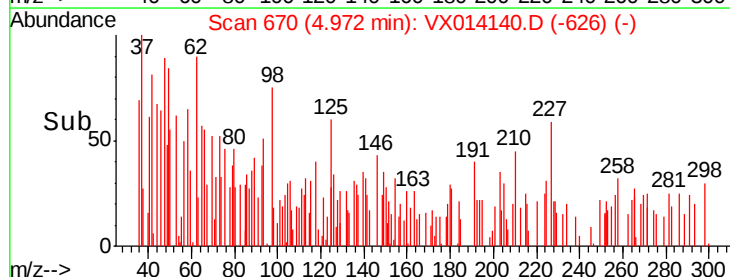
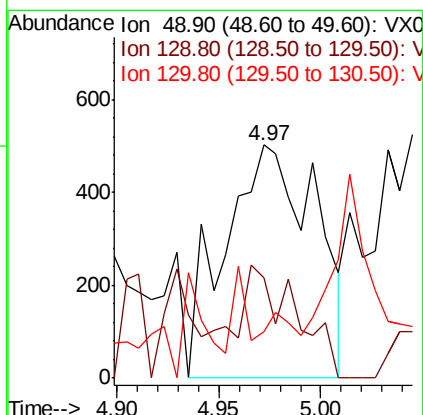
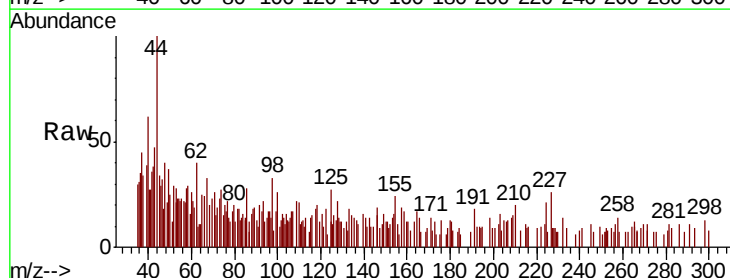
Instrument :
MSVOA_X
ClientSampleId :

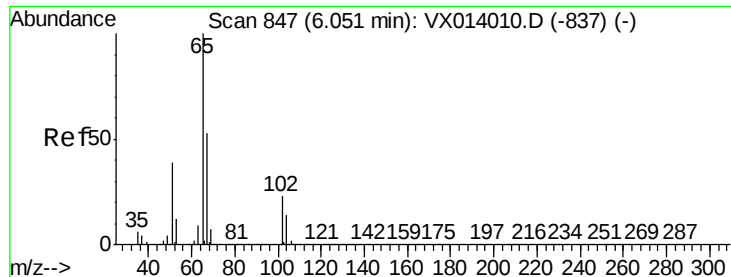
Tot Ion:	84	Resp:	2817
Ion	Ratio	Lower	Upper
84	100		
49	104.3	95.8	143.6
51	16.5	29.8	44.8#
86	47.9	50.8	76.2#



#28
Bromochloromethane
Concen: 0.823 ug/l
RT: 4.97 min Scan# 670
Delta R.T. -0.03 min
Lab File: VX014140.D
Acq: 20 Dec 2019 00:00

Tgt Ion:	49	Resp:	1562
Ion	Ratio	Lower	Upper
49	100		
129	30.6	0.0	5.0#
130	1.8	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 47.806 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014140.D

Acq: 20 Dec 2019 00:00

Instrument :

MSVOA_X

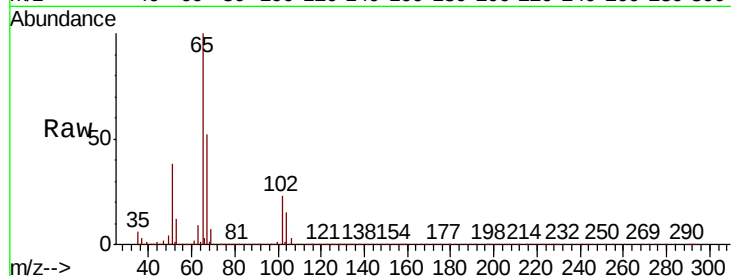
ClientSampled :

Tot Ion: 65 Resp: 310478

Ion Ratio Lower Upper

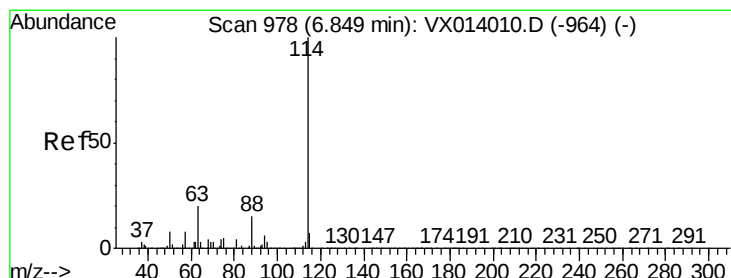
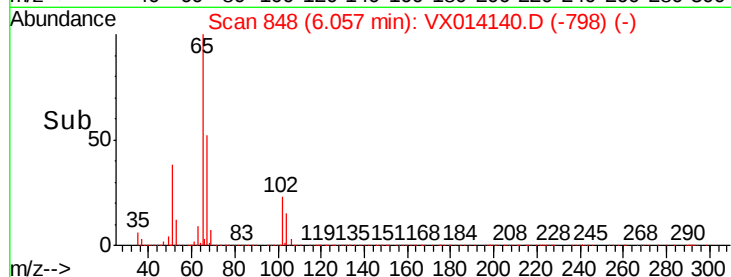
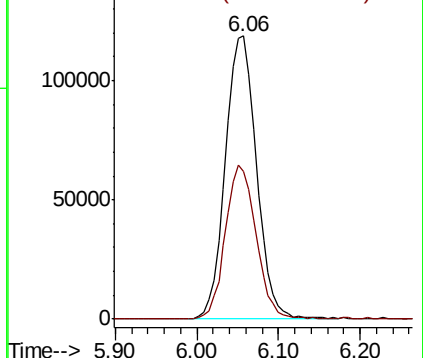
65 100

67 53.8 0.0 106.4



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: VX014140.D

Acq: 20 Dec 2019 00:00

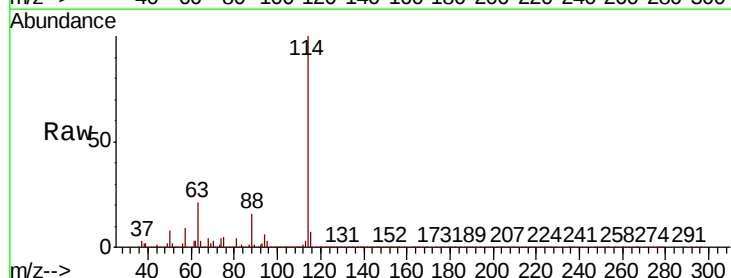
Tgt Ion: 114 Resp: 864214

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

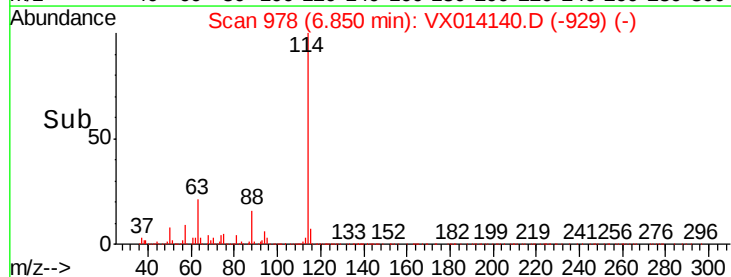
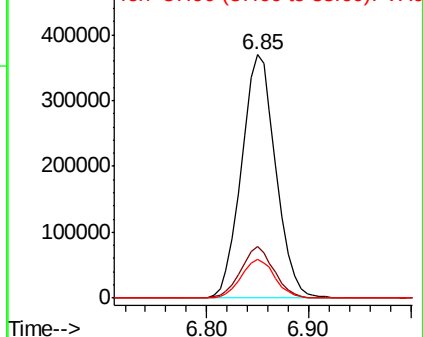
88 16.0 0.0 30.4

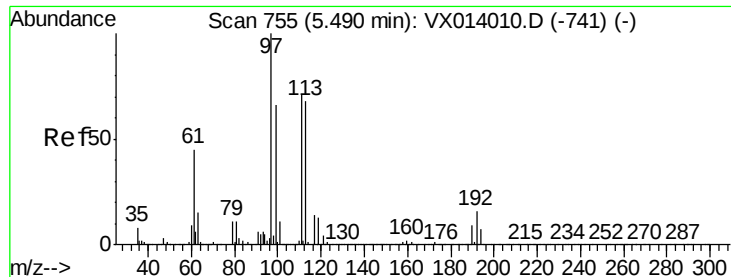


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.008 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014140.D

Acq: 20 Dec 2019 00:00

Instrument :

MSVOA_X

ClientSampleId :

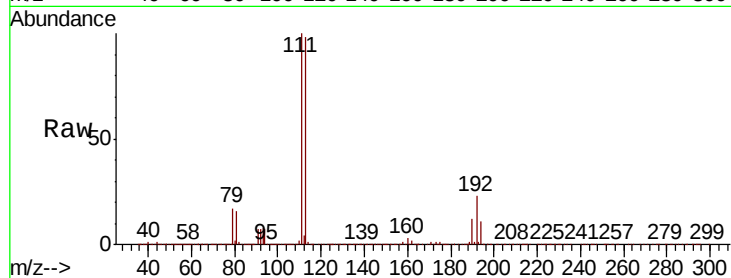
Tot Ion:113 Resp: 257460

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

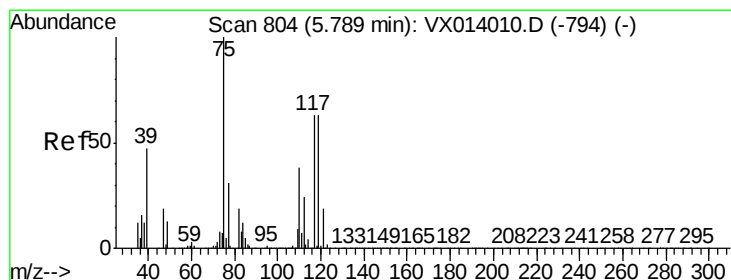
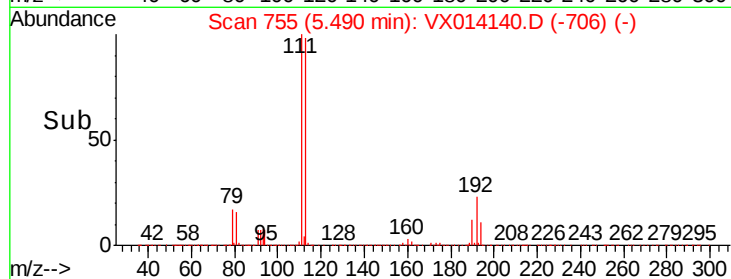
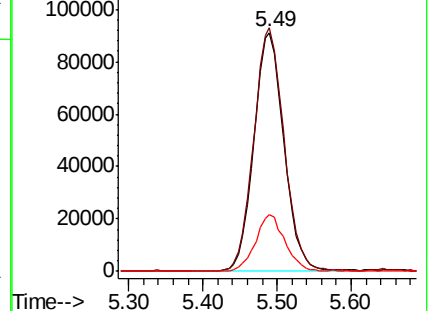
192 23.4 19.3 28.9



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: 4.868 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX014140.D

Acq: 20 Dec 2019 00:00

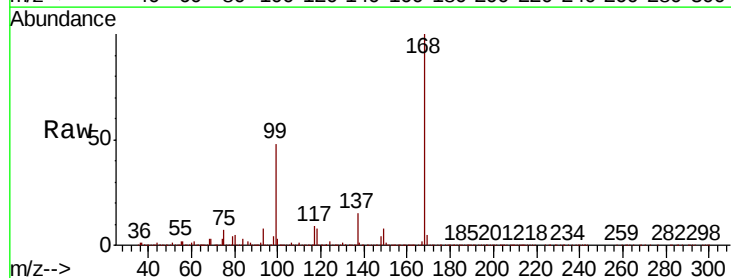
Tgt Ion: 75 Resp: 38603

Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.9#

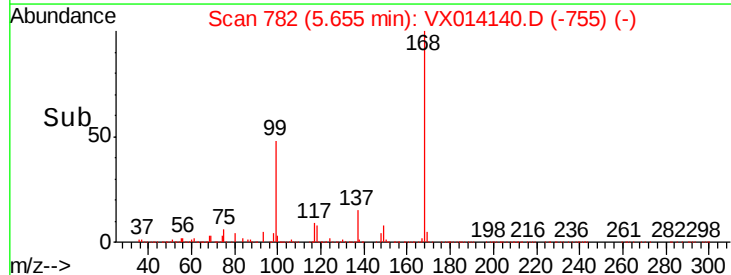
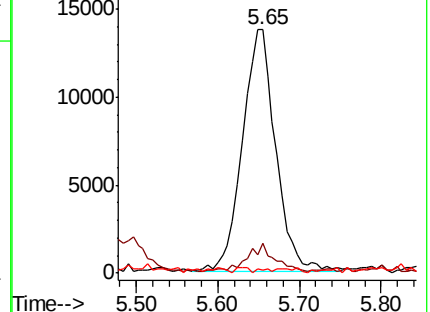
77 0.7 24.8 37.2#

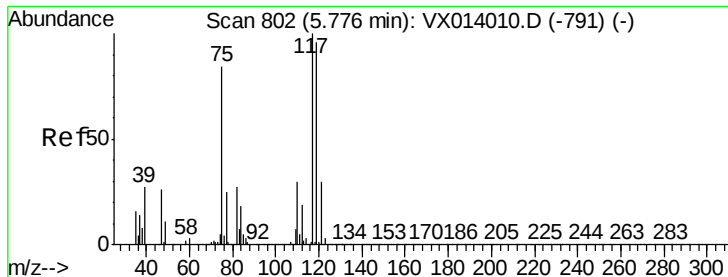


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.844 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014140.D

Acq: 20 Dec 2019 00:00

Instrument :

MSVOA_X

ClientSampled :

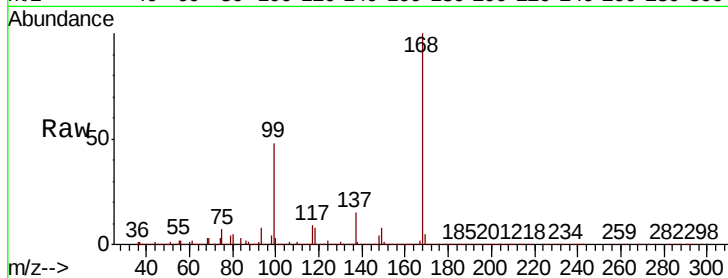
Tot Ion:117 Resp: 49439

Ion Ratio Lower Upper

117 100

119 4.2 76.2 114.4#

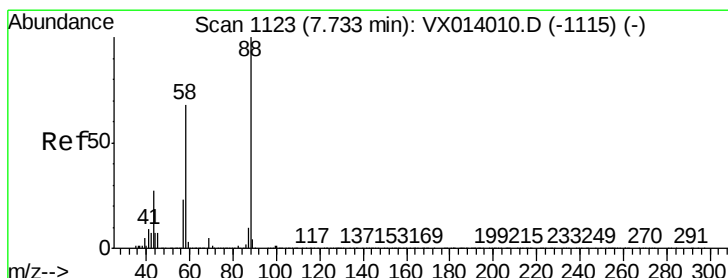
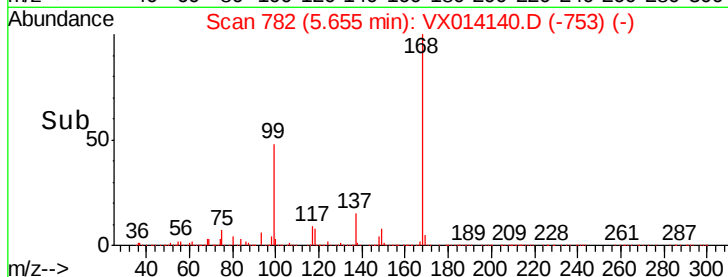
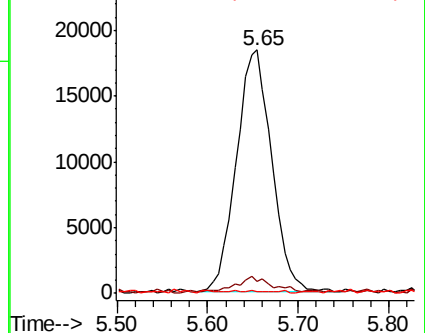
121 0.7 23.6 35.4#



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



#49

1,4-Dioxane

Concen: 2.749 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.27 min

Lab File: VX014140.D

Acq: 20 Dec 2019 00:00

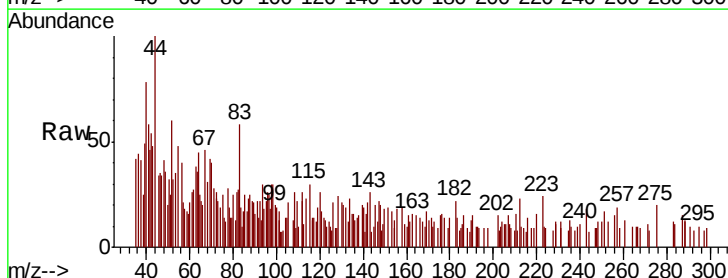
Tgt Ion: 88 Resp: 397

Ion Ratio Lower Upper

88 100

43 29.7 26.5 39.7

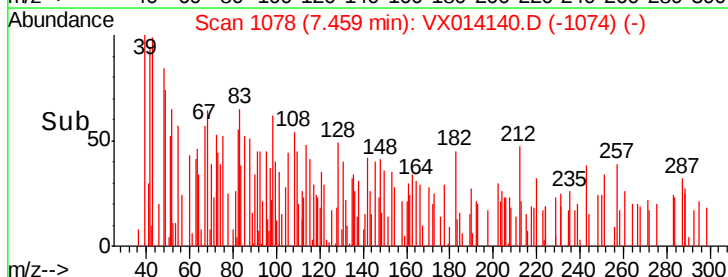
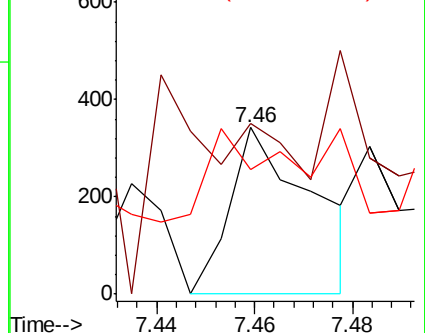
58 60.5 56.8 85.2

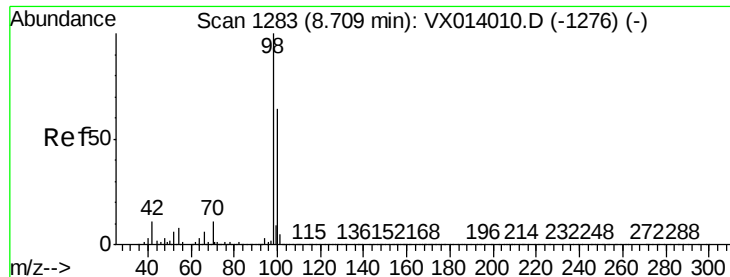


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.161 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014140.D

Acq: 20 Dec 2019 00:00

Instrument :

MSVOA_X

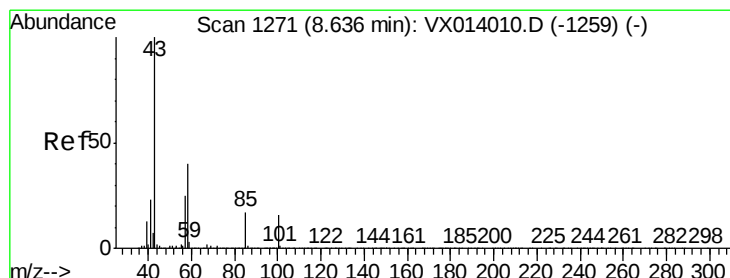
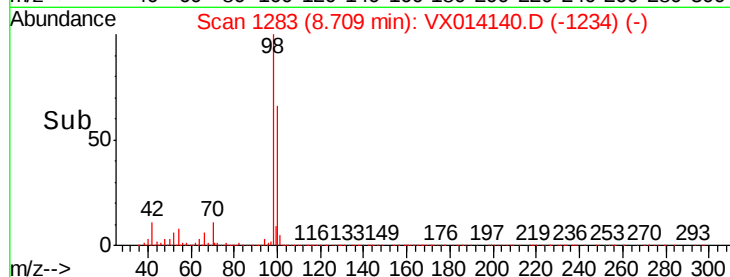
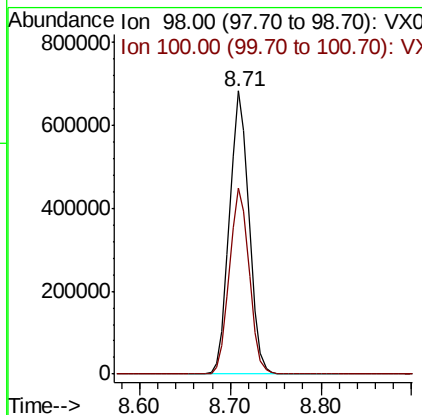
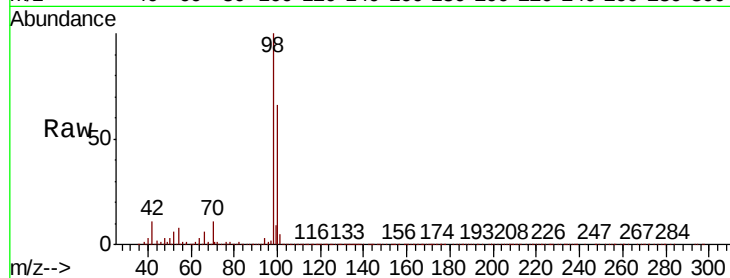
ClientSampleId :

Tot Ion: 98 Resp: 1025935

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 0.263 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX014140.D

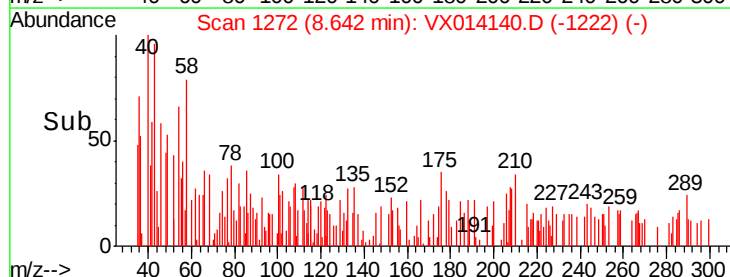
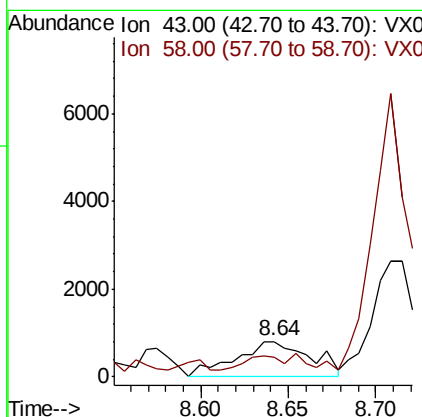
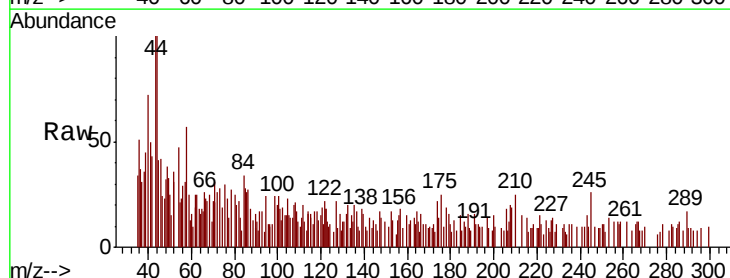
Acq: 20 Dec 2019 00:00

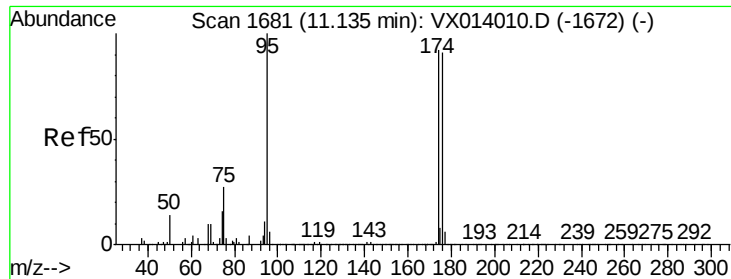
Tgt Ion: 43 Resp: 2398

Ion Ratio Lower Upper

43 100

58 19.6 32.2 48.2#

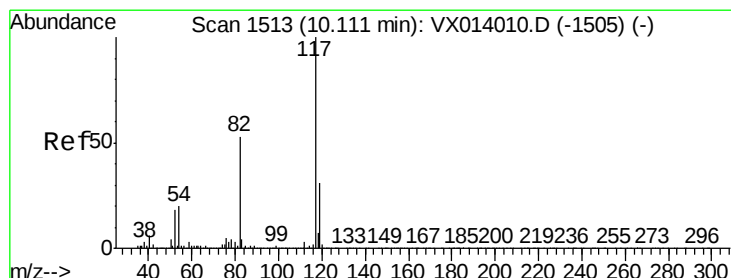
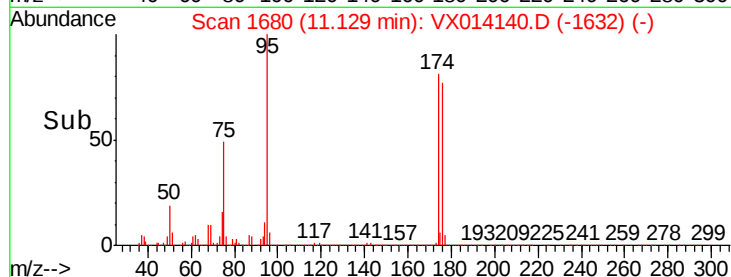
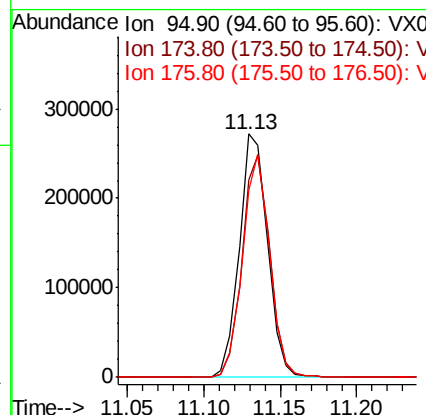
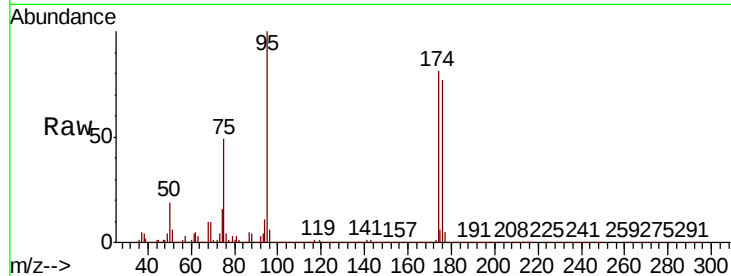




#62
4-Bromofluorobenzene
Concen: 46.555 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014140.D
Acq: 20 Dec 2019 00:00

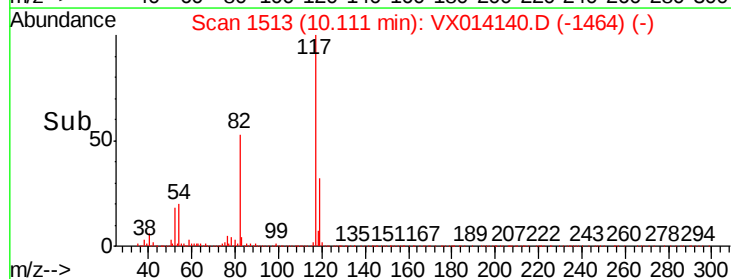
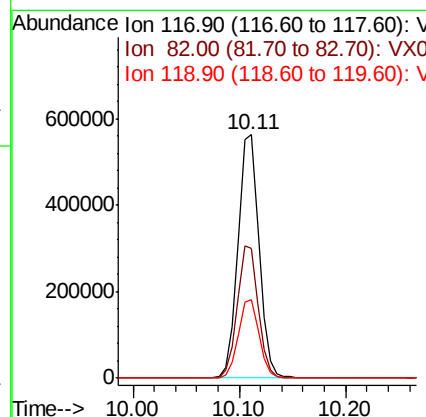
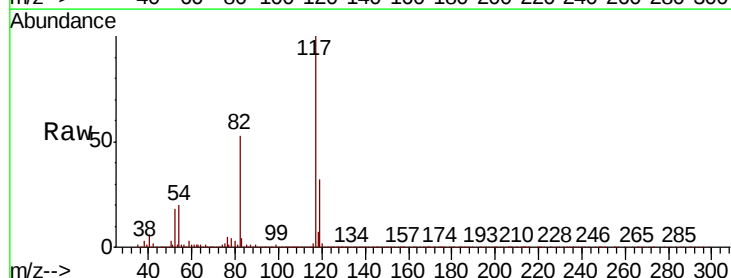
Instrument :
MSVOA_X
ClientSampleId :

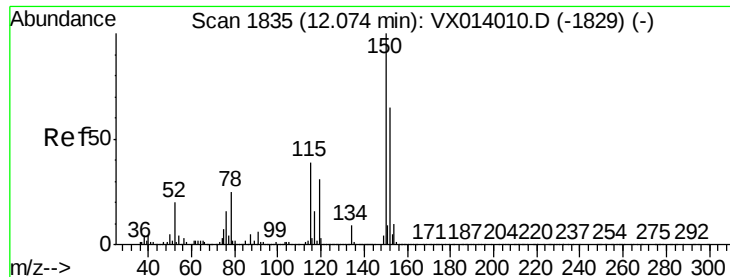
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	175.8
176	88.0	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014140.D
Acq: 20 Dec 2019 00:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.4
119	32.2	25.1	37.7



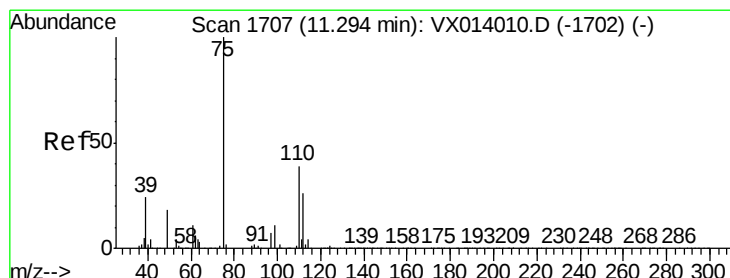
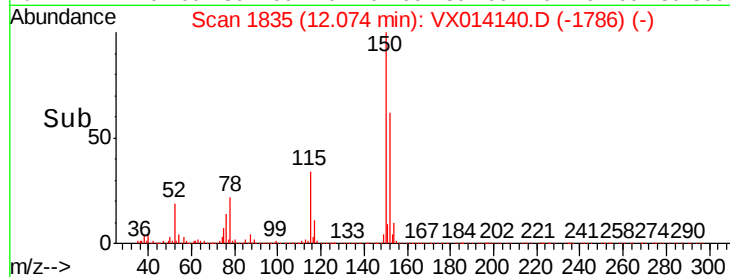
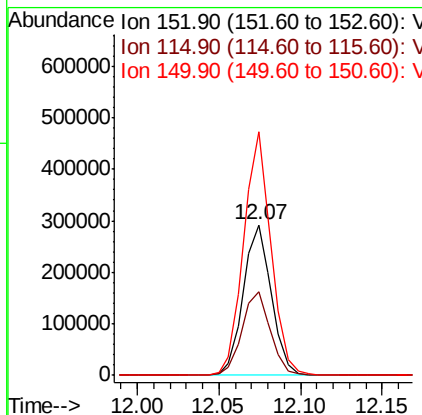
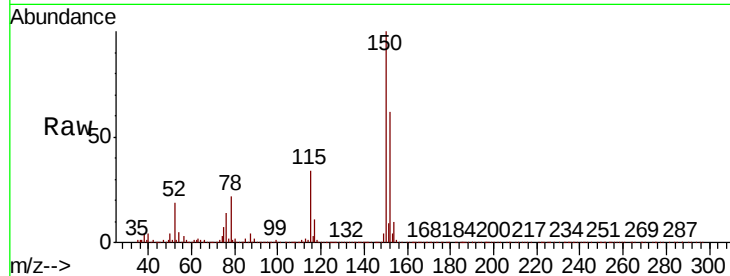


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014140.D
Acq: 20 Dec 2019 00:00

Instrument :
MSVOA_X
ClientSampleId :

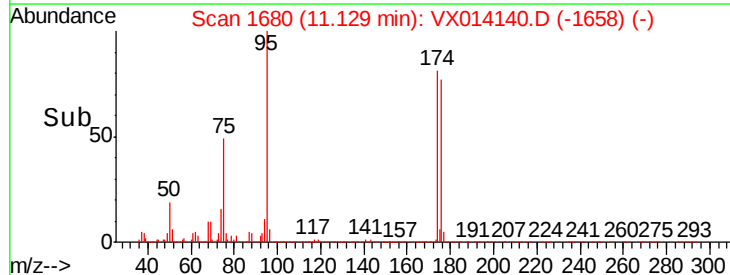
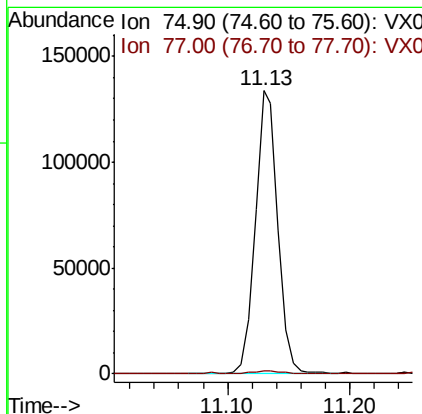
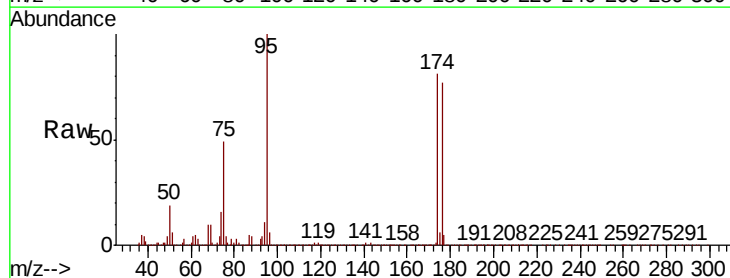
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	38.3	114.9
150	157.8	0.0	345.4

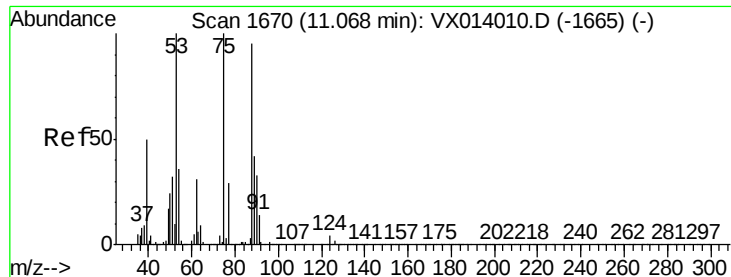


#76

1,2,3-Trichloropropane
Concen: 22.599 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014140.D
Acq: 20 Dec 2019 00:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	2.0	19.3	57.8#

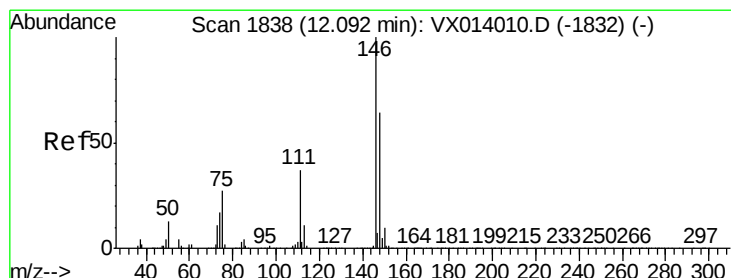
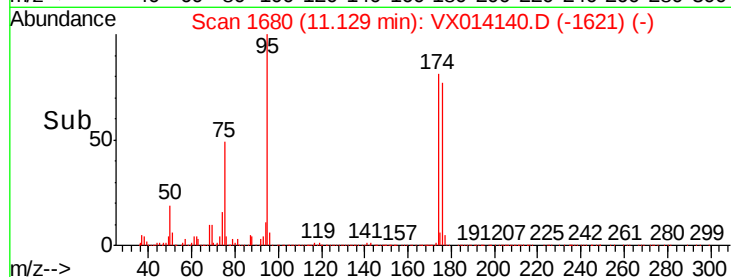
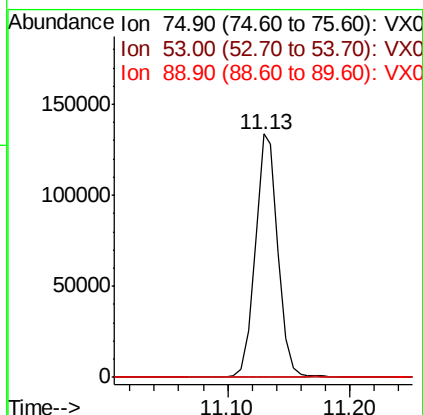
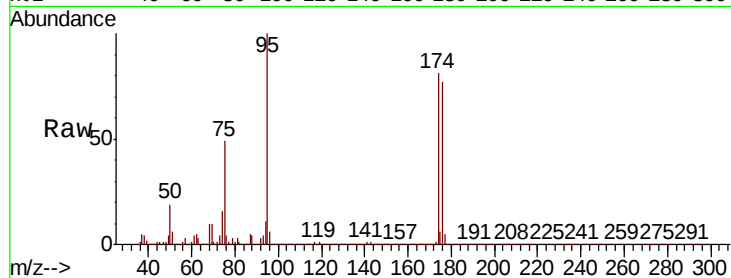




#81
trans-1,4-Dichloro-2-butene
Concen: 63.786 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014140.D
Acq: 20 Dec 2019 00:00

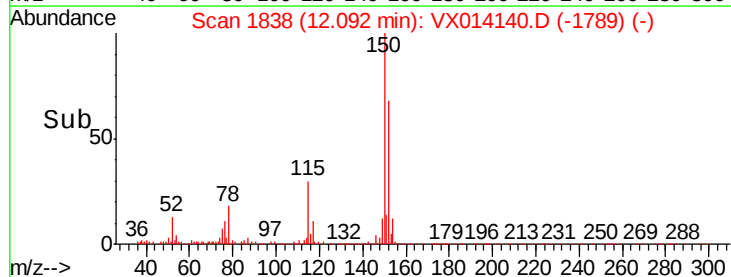
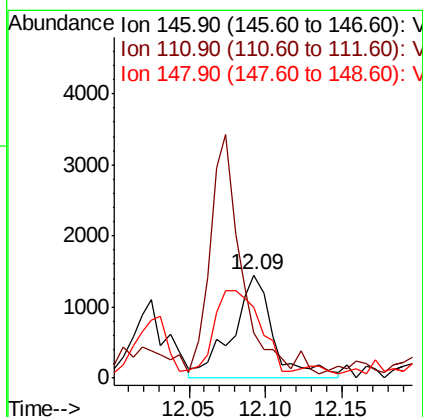
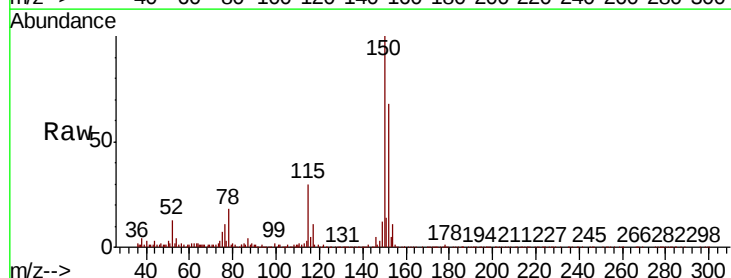
Instrument :
MSVOA_X
ClientSampleId :

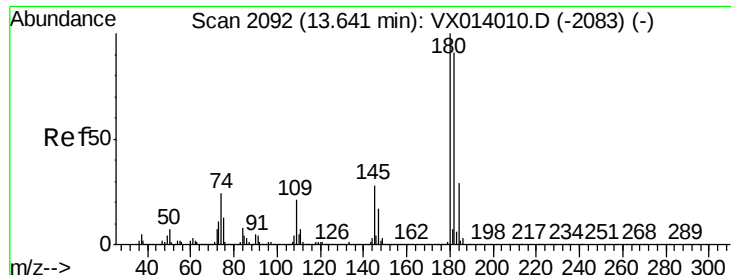
Tot Ion: 75 Resp: 172086
Ion Ratio Lower Upper
75 100
53 0.3 76.7 115.1#
89 0.0 34.6 51.8#



#88
1,4-Dichlorobenzene
Concen: 0.222 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX014140.D
Acq: 20 Dec 2019 00:00

Tgt Ion:146 Resp: 2687
Ion Ratio Lower Upper
146 100
111 172.9 18.7 56.1#
148 94.1 31.9 95.9

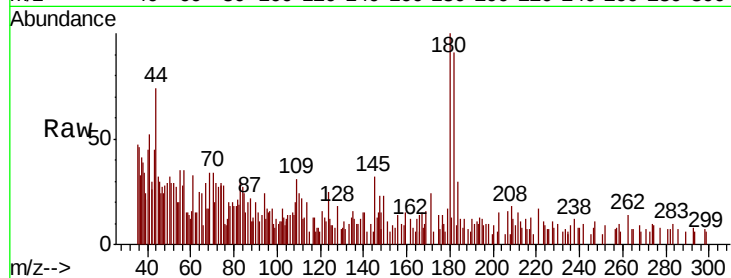




#93
 1,2,4-Trichlorobenzene
 Concen: 0.218 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014140.D
 Acq: 20 Dec 2019 00:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.6	139.8
145	37.1	14.2	42.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

