

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014930.D
 Acq On : 12 Feb 2020 16:54
 Operator : JC/SP
 Sample : L1503-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 03:36:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	670855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	644034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345022	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	249697	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
35) Dibromofluoromethane	5.49	113	204641	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
50) Toluene-d8	8.71	98	803271	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	302339	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	

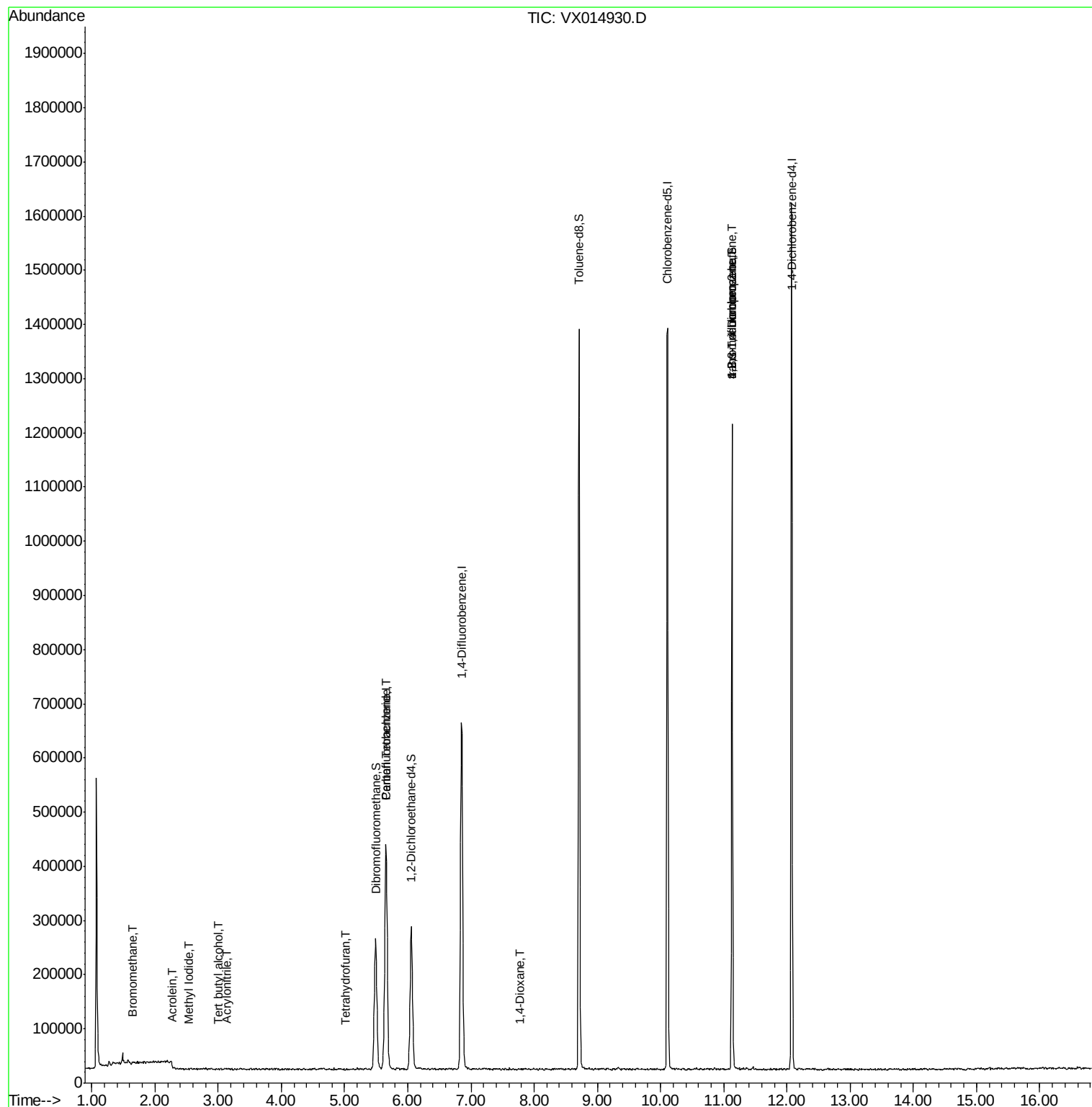
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	715	0.221	ug/l #	57
10) Methyl Iodide	2.53	142	209	4.411	ug/l #	44
11) Tert butyl alcohol	3.01	59	534	0.619	ug/l #	39
13) Acrolein	2.28	56	169	0.257	ug/l #	1
15) Acrylonitrile	3.13	53	458	0.209	ug/l #	1
16) Acetone	2.44	43	2470	Below Cal	#	76
29) Tetrahydrofuran	5.00	42	928	0.491	ug/l	89
38) Carbon Tetrachloride	5.65	117	36869	6.304	ug/l #	17
49) 1,4-Dioxane	7.76	88	510	5.368	ug/l #	25
76) 1,2,3-Trichloropropane	11.13	75	152185	24.392	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	152185	62.436	ug/l #	12

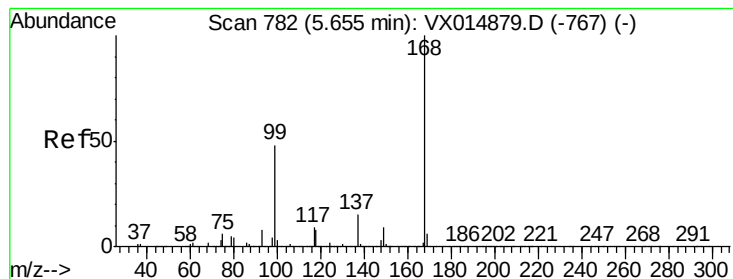
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021220\
Data File : VX014930.D
Acq On : 12 Feb 2020 16:54
Operator : JC/SP
Sample : L1503-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 13 03:36:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

Instrument :

MSVOA_X

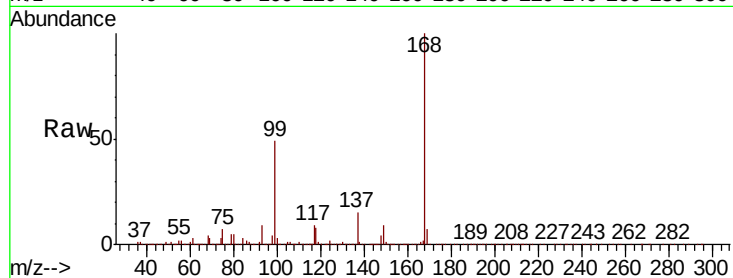
ClientSampleId :

Tot Ion:168 Resp: 432963

Ion Ratio Lower Upper

168 100

99 48.4 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

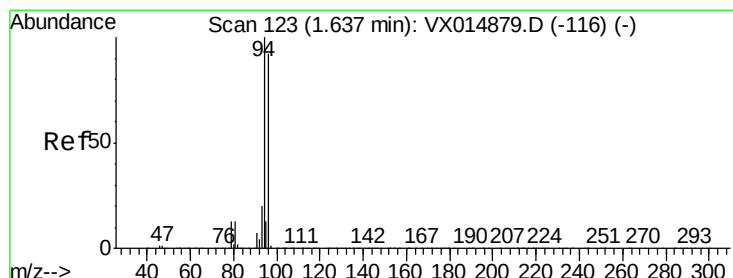
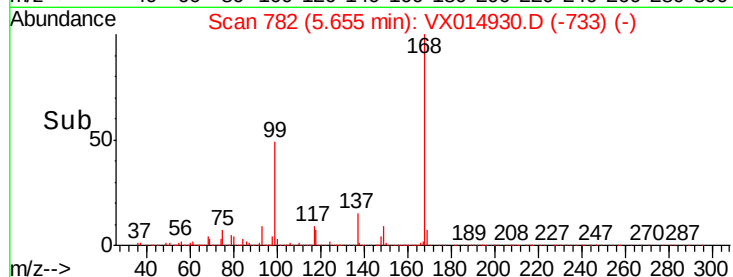
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.221 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.02 min

Lab File: VX014930.D

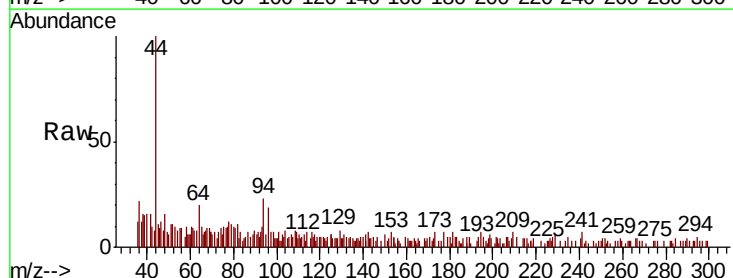
Acq: 12 Feb 2020 16:54

Tgt Ion: 94 Resp: 715

Ion Ratio Lower Upper

94 100

96 50.7 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

800

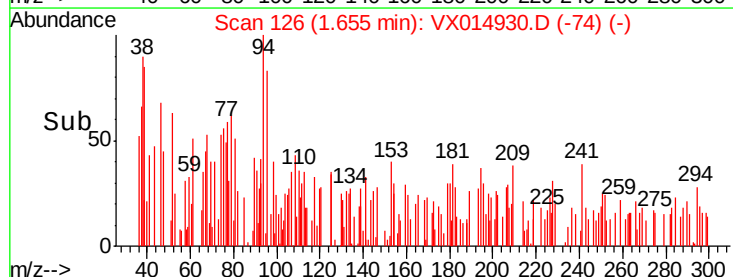
600

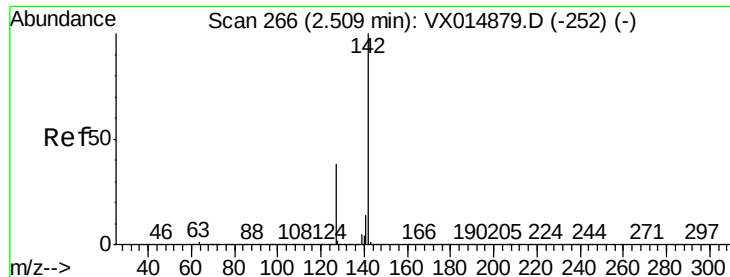
400

200

0

Time-->

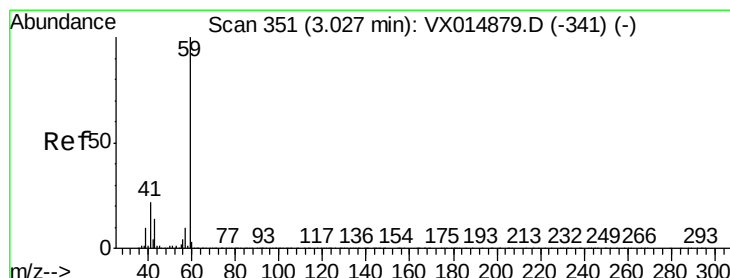
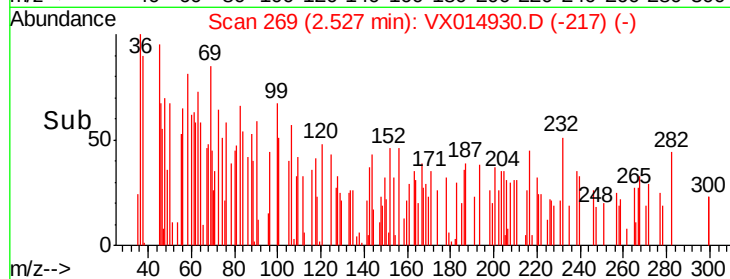
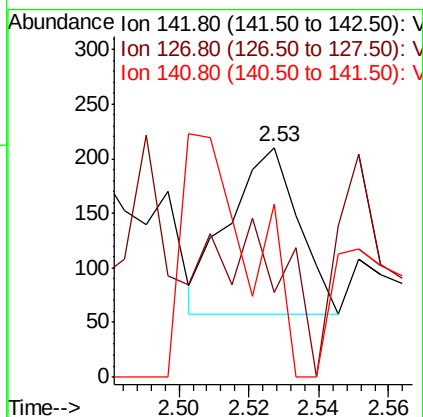
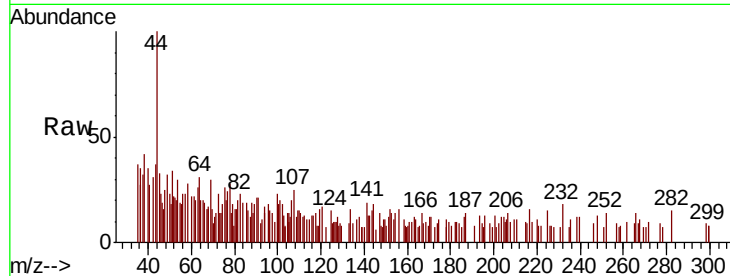




#10
Methyl Iodide
Concen: 4.411 ug/l
RT: 2.53 min Scan# 269
Delta R.T. 0.02 min
Lab File: VX014930.D
Acq: 12 Feb 2020 16:54

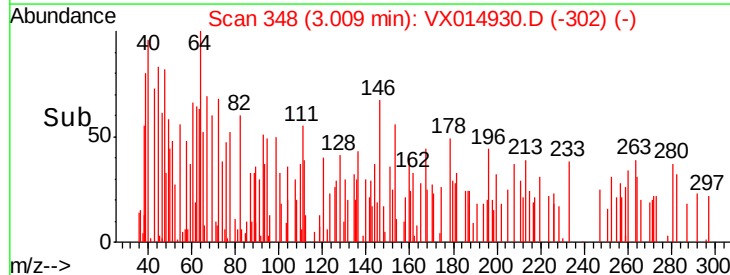
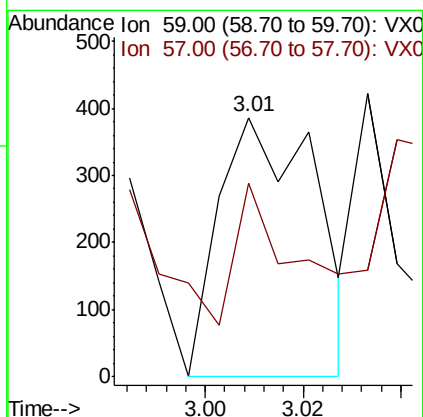
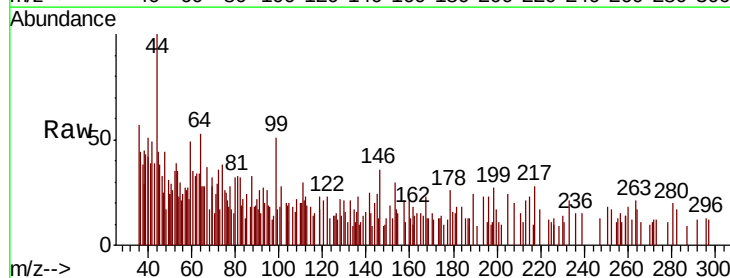
Instrument :
MSVOA_X
ClientSampled :

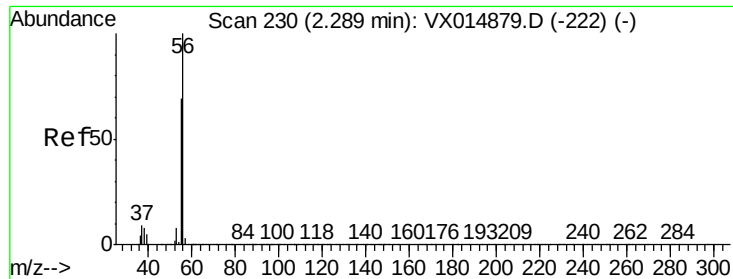
Tot Ion:142 Resp: 209
Ion Ratio Lower Upper
142 100
127 0.0 31.1 46.7#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.619 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX014930.D
Acq: 12 Feb 2020 16:54

Tgt Ion: 59 Resp: 534
Ion Ratio Lower Upper
59 100
57 33.0 8.2 12.4#





#13

Acrolein

Concen: 0.257 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

Instrument :

MSVOA_X

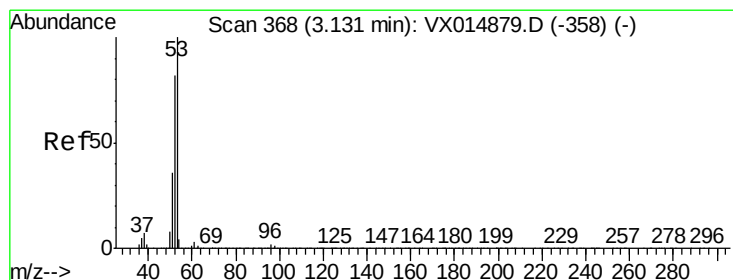
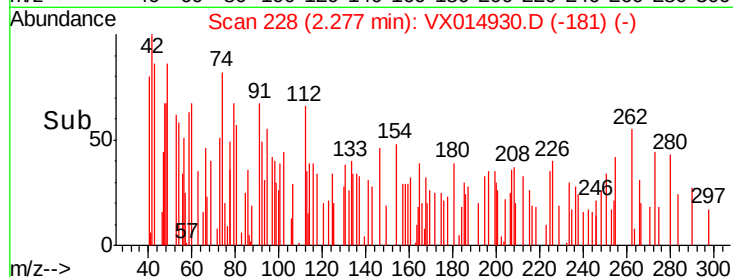
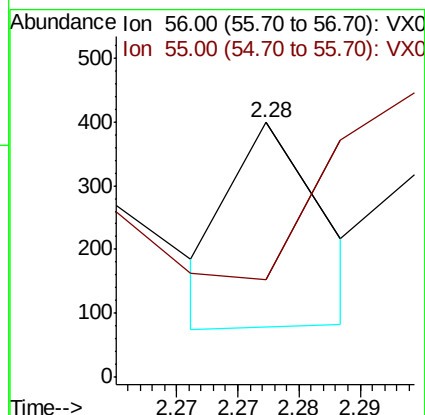
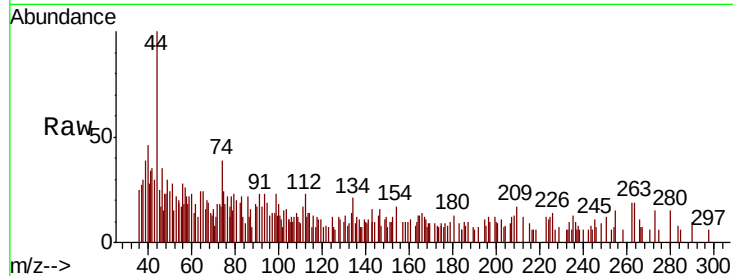
ClientSampled :

Tot Ion: 56 Resp: 169

Ion Ratio Lower Upper

56 100

55 226.0 55.0 82.4#



#15

Acrylonitrile

Concen: 0.209 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

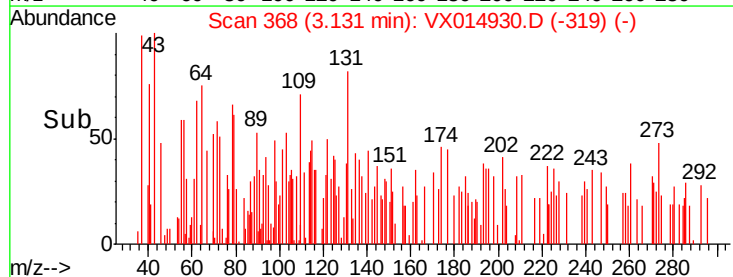
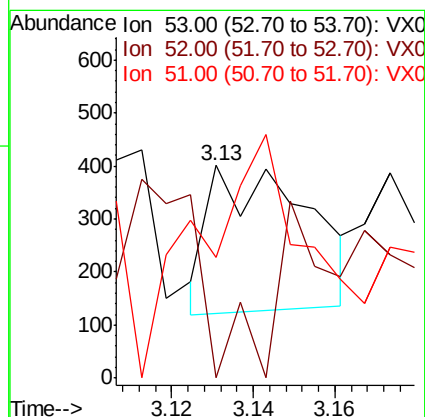
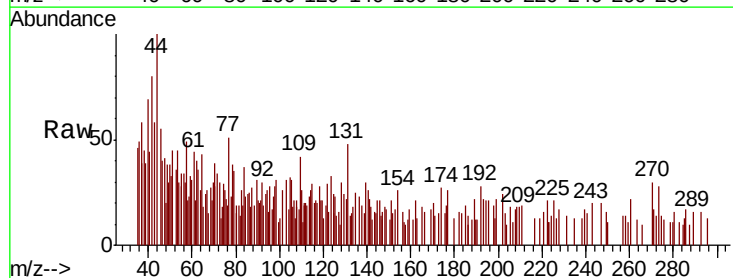
Tgt Ion: 53 Resp: 458

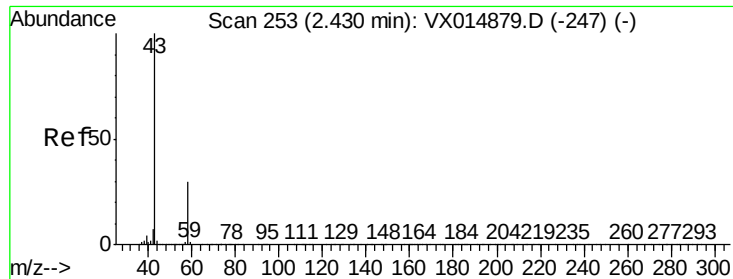
Ion Ratio Lower Upper

53 100

52 58.7 65.8 98.6#

51 191.7 29.1 43.7#

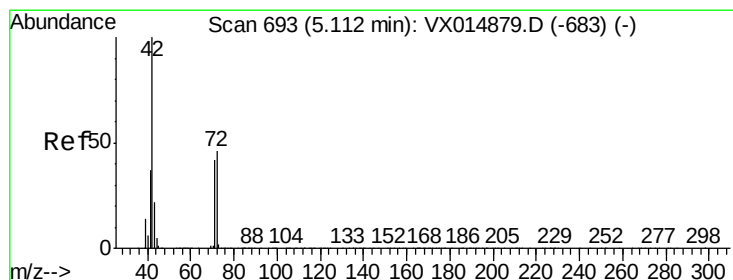
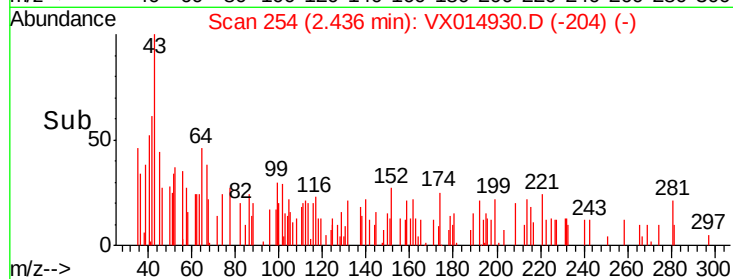
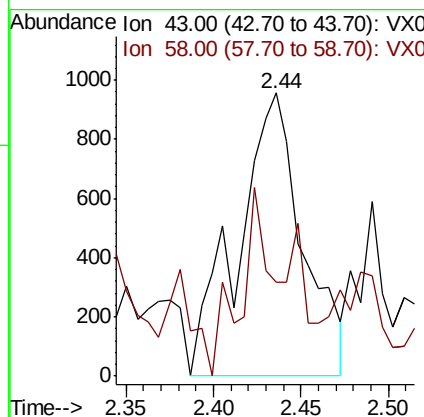
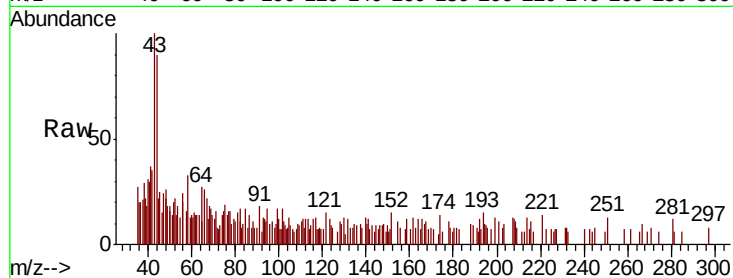




#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX014930.D
Acq: 12 Feb 2020 16:54

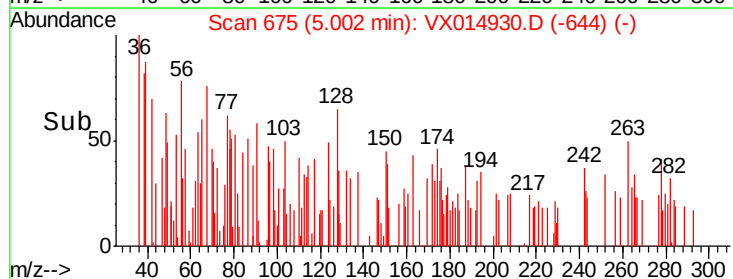
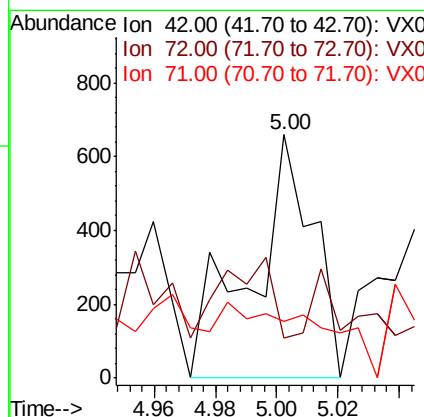
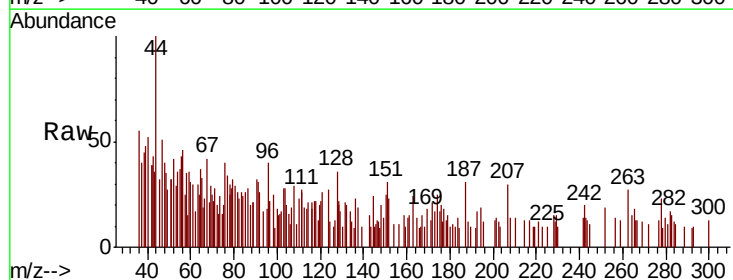
Instrument :
MSVOA_X
ClientSampled :

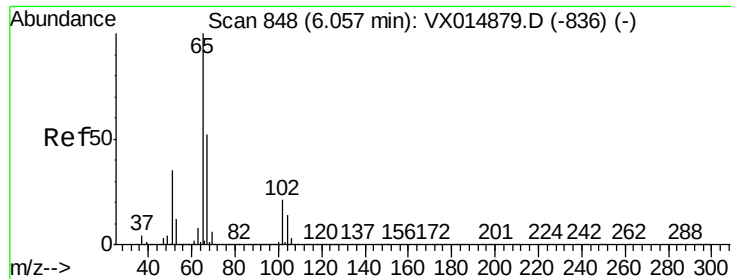
Tot Ion: 43 Resp: 2470
Ion Ratio Lower Upper
43 100
58 16.9 24.1 36.1#



#29
Tetrahydrofuran
Concen: 0.491 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.11 min
Lab File: VX014930.D
Acq: 12 Feb 2020 16:54

Tgt Ion: 42 Resp: 928
Ion Ratio Lower Upper
42 100
72 39.1 36.9 55.3
71 49.7 34.1 51.1

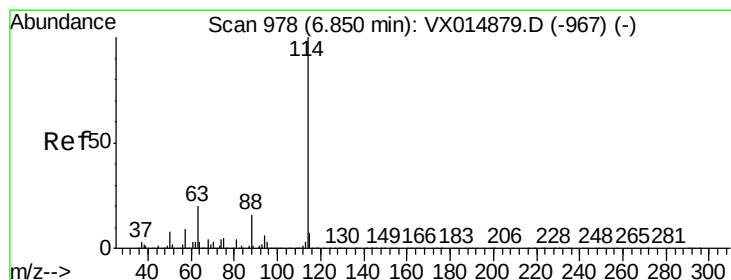
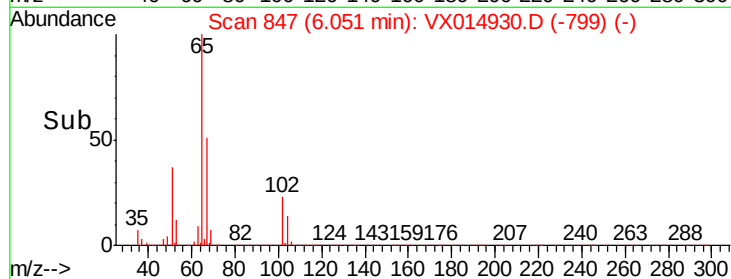
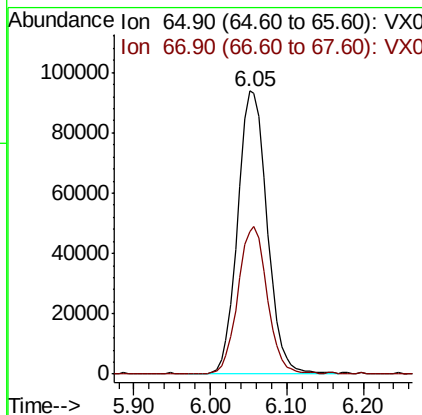
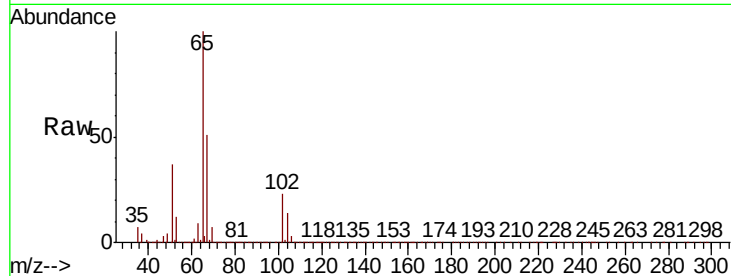




#33
 1,2-Dichloroethane-d4
 Concen: 51.101 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014930.D
 Acq: 12 Feb 2020 16:54

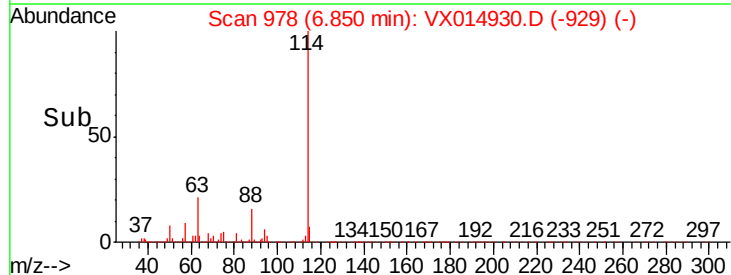
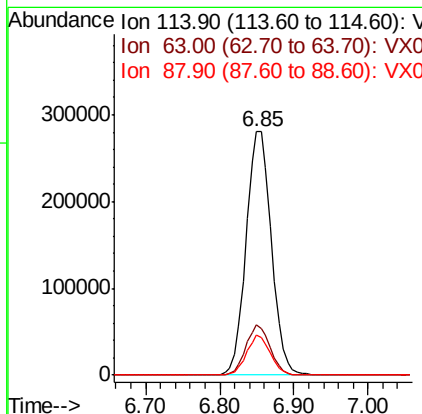
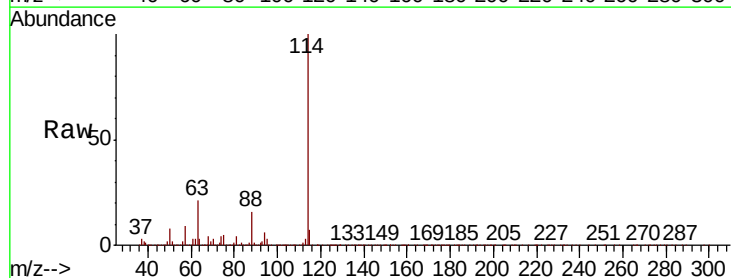
Instrument :
 MSVOA_X
 ClientSampleId :

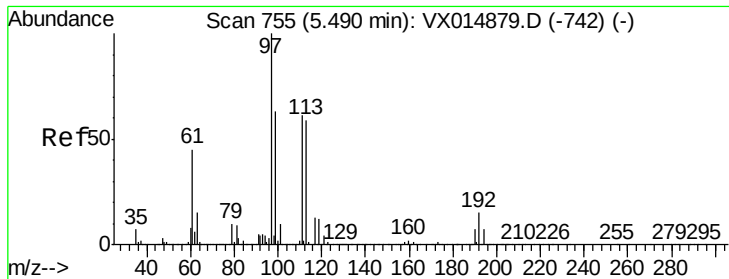
Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014930.D
 Acq: 12 Feb 2020 16:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.2
88	16.4	0.0	32.0





#35

Dibromofluoromethane

Concen: 49.619 ug/l

RT: 5.49 min Scan# 755

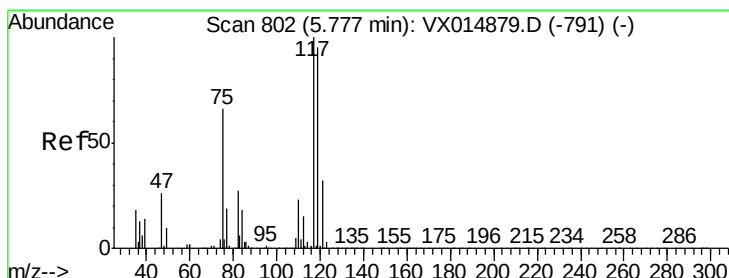
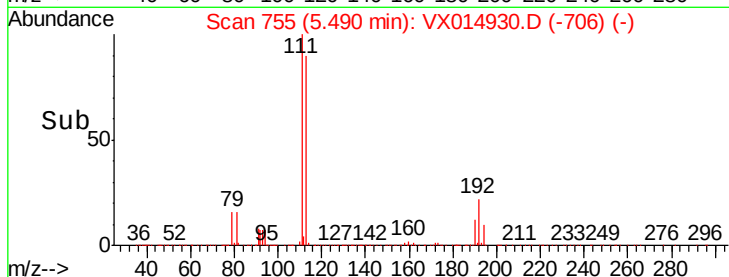
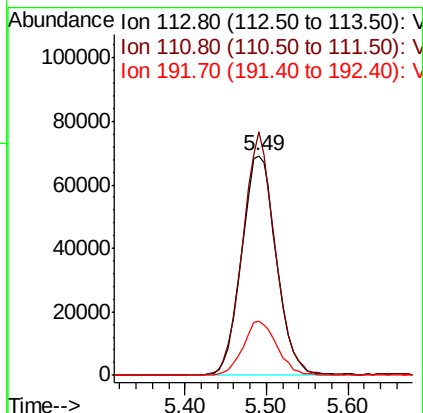
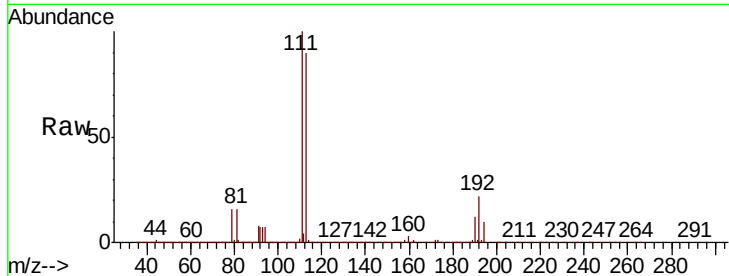
Delta R.T. 0.00 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113	Resp:	204641
Ion Ratio	Lower	Upper
113	100	
111	103.0	82.4 123.6
192	24.5	19.1 28.7



#38

Carbon Tetrachloride

Concen: 6.304 ug/l

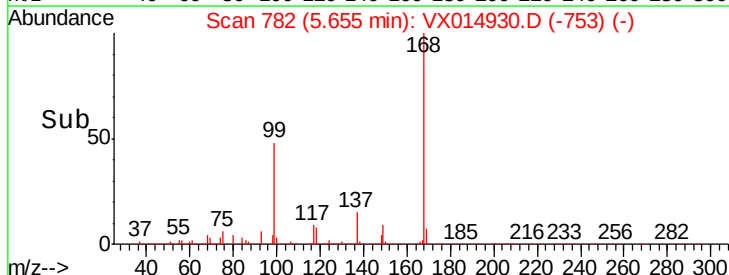
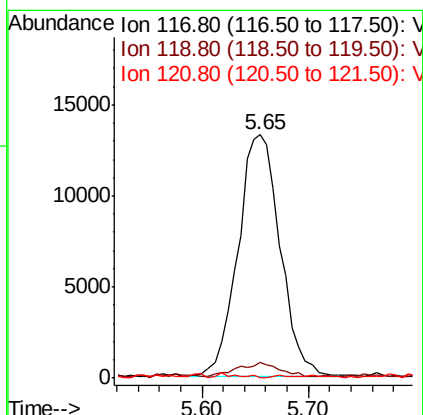
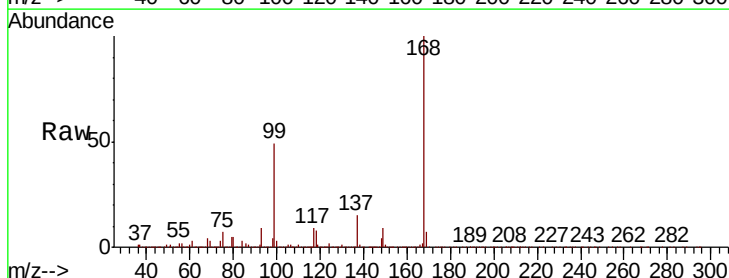
RT: 5.65 min Scan# 782

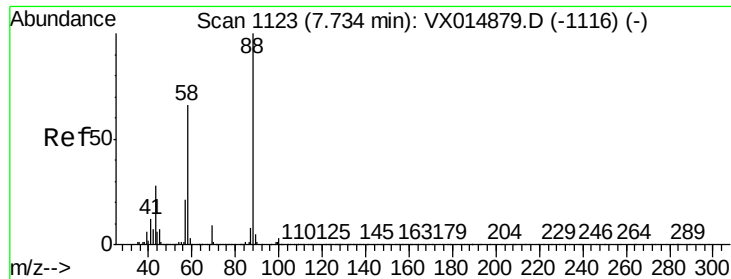
Delta R.T. -0.12 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

Tgt Ion:117	Resp:	36869
Ion Ratio	Lower	Upper
117	100	
119	5.6	76.0 114.0#
121	0.0	25.4 38.2#





#49

1,4-Dioxane

Concen: 5.368 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.03 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

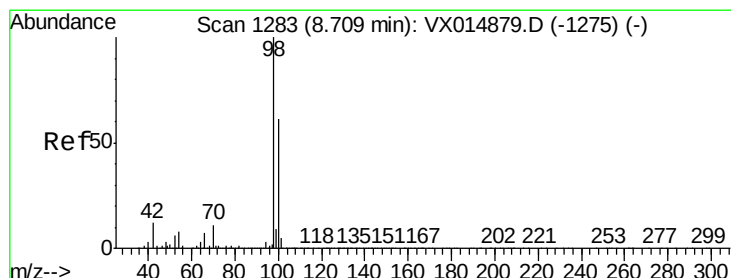
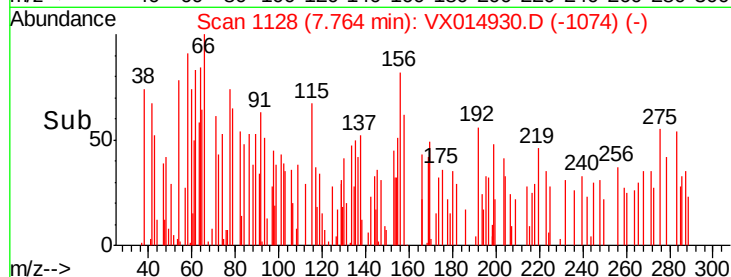
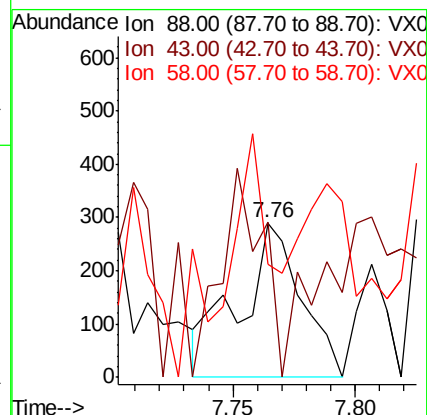
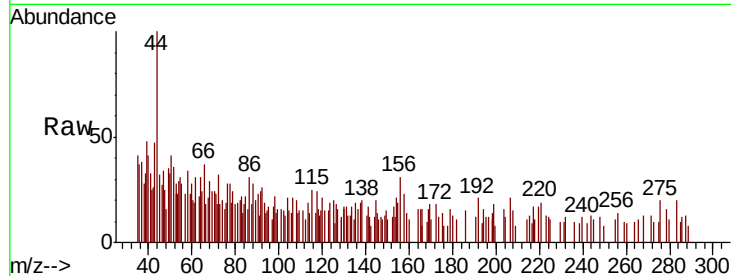
Tot Ion: 88 Resp: 510

Ion Ratio Lower Upper

88 100

43 91.0 27.0 40.4#

58 116.1 53.2 79.8#



#50

Toluene-d8

Concen: 51.025 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014930.D

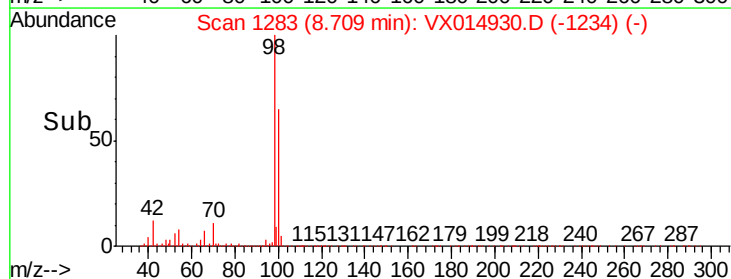
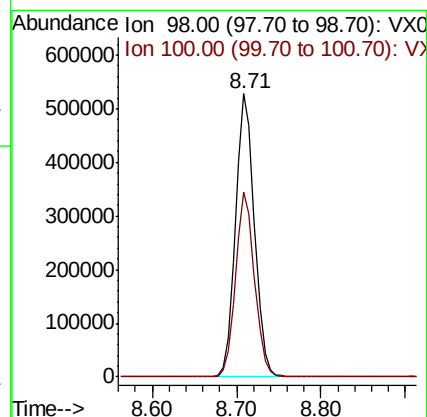
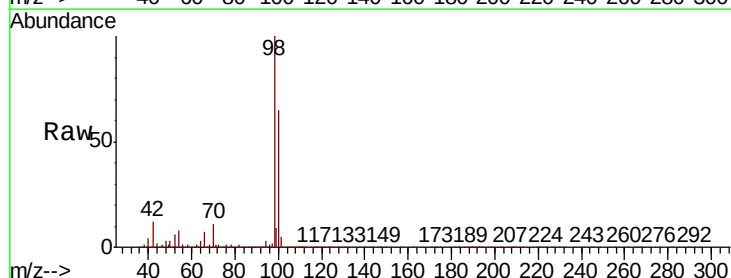
Acq: 12 Feb 2020 16:54

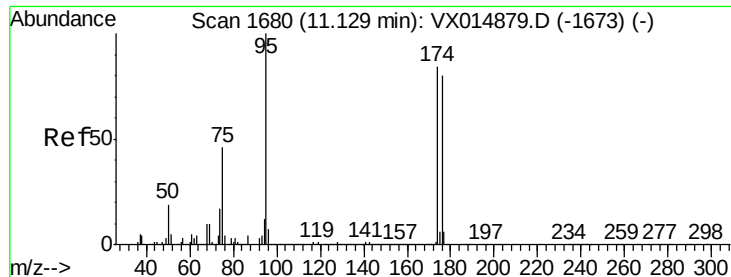
Tgt Ion: 98 Resp: 803271

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 53.313 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

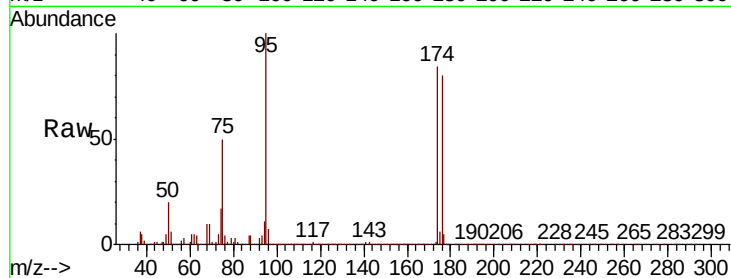
Tot Ion: 95 Resp: 302339

Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.0

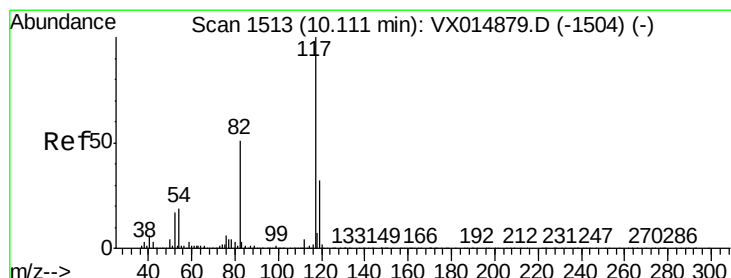
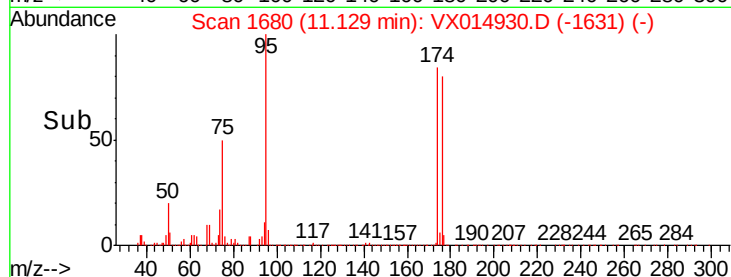
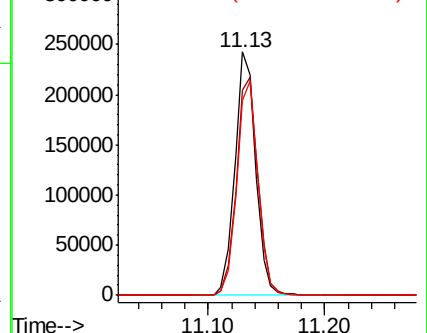
176 89.3 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX014879.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014879.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014879.D (-1673) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

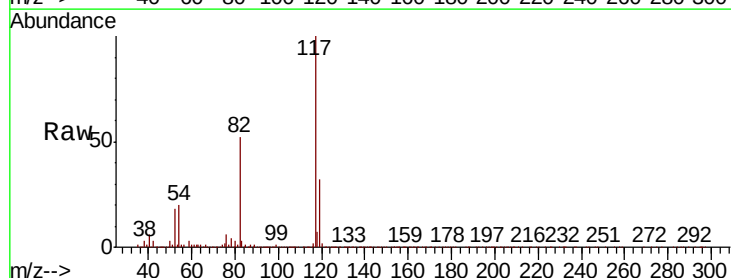
Tgt Ion: 117 Resp: 644034

Ion Ratio Lower Upper

117 100

82 52.2 40.5 60.7

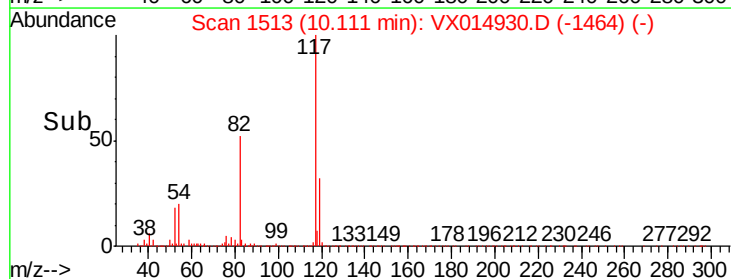
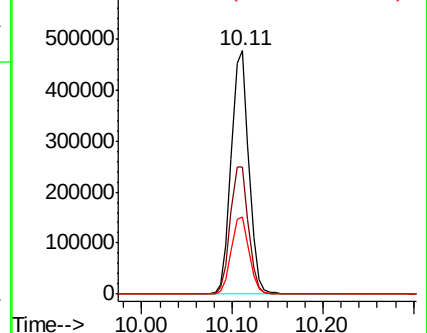
119 31.7 25.8 38.6

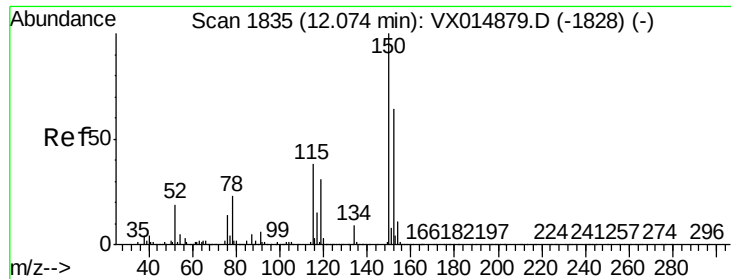


Abundance Ion 116.90 (116.60 to 117.60): VX014879.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014879.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014879.D (-1504) (-)



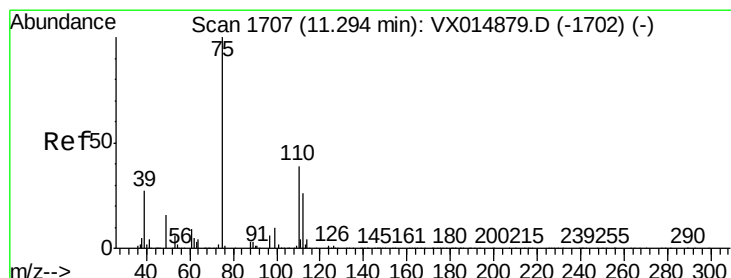
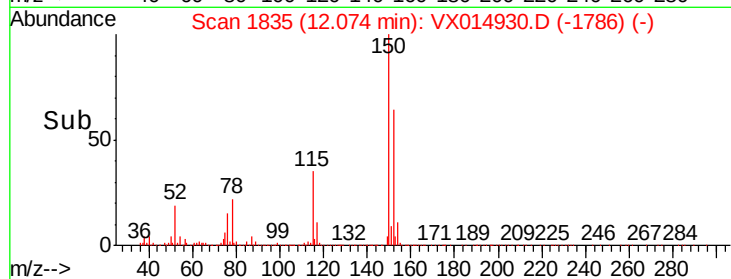
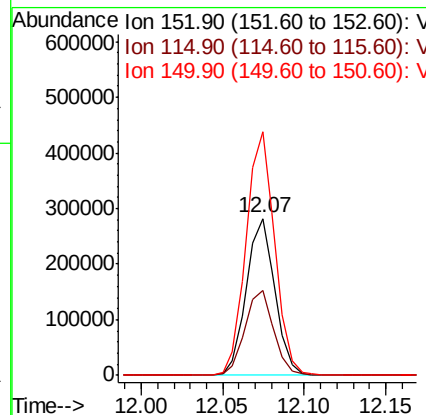
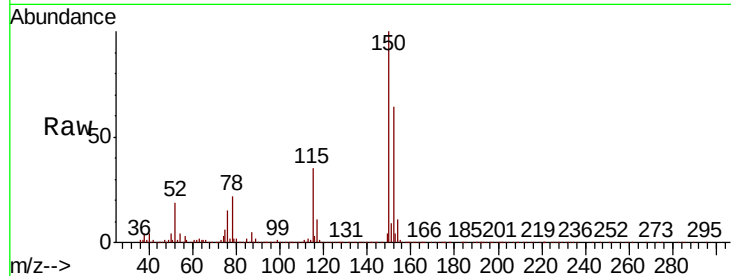


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014930.D
Acq: 12 Feb 2020 16:54

Instrument :
MSVOA_X
ClientSampled :

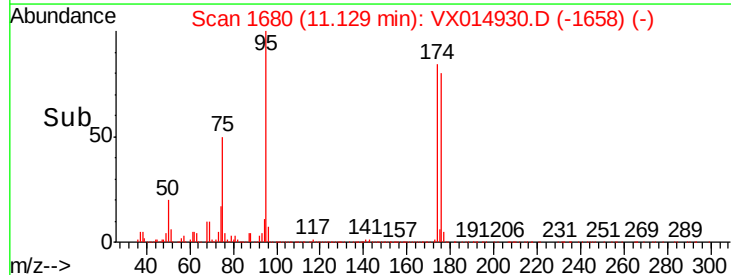
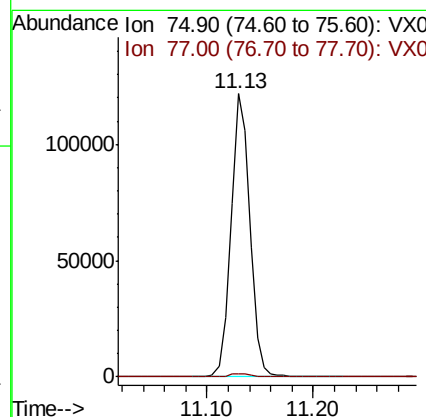
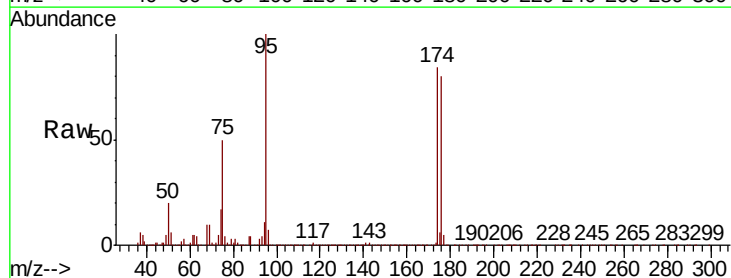
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.3	38.6	116.0
150	155.8	0.0	349.0

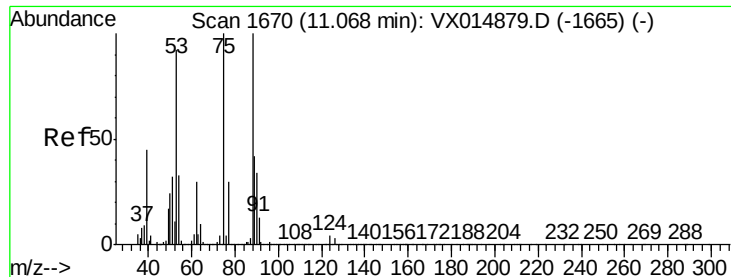


#76

1,2,3-Trichloropropane
Concen: 24.392 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014930.D
Acq: 12 Feb 2020 16:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.4	55.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 62.436 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

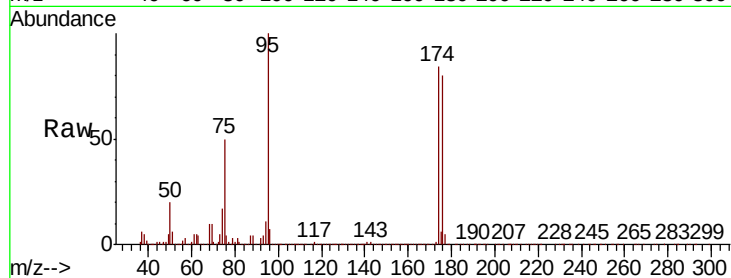
Tot Ion: 75 Resp: 152185

Ion Ratio Lower Upper

75 100

53 0.2 76.2 114.2#

89 0.0 35.8 53.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

