

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011720\
 Data File : VX014660.D
 Acq On : 17 Jan 2020 17:17
 Operator : JC/SP
 Sample : L1162-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 18 05:09:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	440592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	688976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	631248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	286985	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	257025	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
35) Dibromofluoromethane	5.49	113	209102	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
50) Toluene-d8	8.71	98	819436	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.13	95	275408	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	

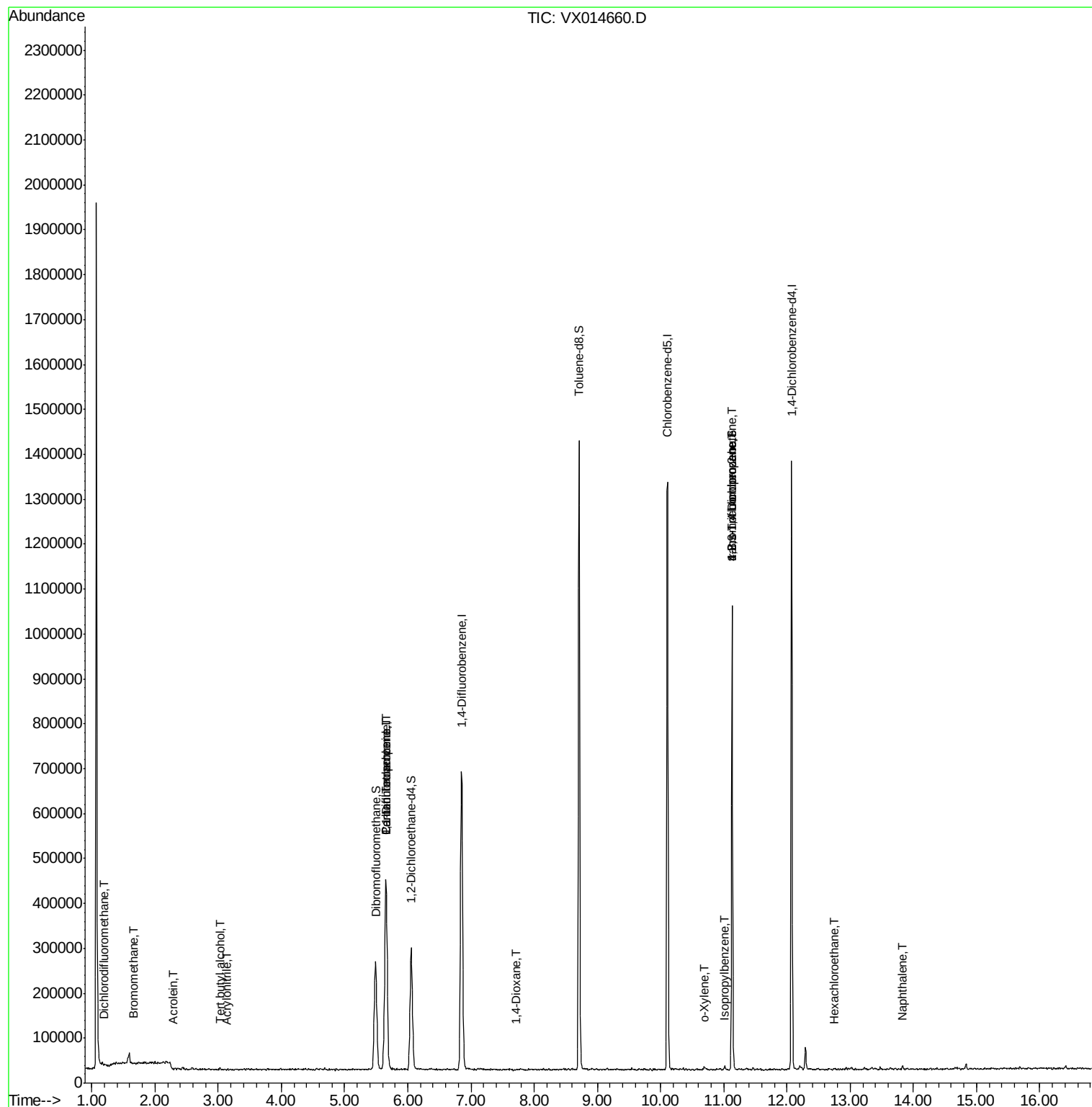
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	55	0.262	ug/l #	1
5) Bromomethane	1.65	94	1337	0.322	ug/l #	65
6) Chloroethane	1.73	64	207	Below Cal	#	43
11) Tert butyl alcohol	3.02	59	815	0.794	ug/l #	93
13) Acrolein	2.28	56	621	0.754	ug/l #	15
15) Acrylonitrile	3.13	53	714	0.288	ug/l #	55
16) Acetone	2.43	43	6240	Below Cal		89
36) 1,1-Dichloropropene	5.65	75	30469	4.703	ug/l #	49
38) Carbon Tetrachloride	5.65	117	38666	6.485	ug/l #	19
49) 1,4-Dioxane	7.72	88	112	0.971	ug/l #	1
69) o-Xylene	10.70	106	2453	0.285	ug/l	70
73) Isopropylbenzene	11.01	105	4150	0.206	ug/l	92
76) 1,2,3-Trichloropropane	11.13	75	135573	22.832	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	135573	60.364	ug/l #	12
88) 1,4-Dichlorobenzene	12.09	146	894	Below Cal	#	1
90) Hexachloroethane	12.74	117	1492	0.466	ug/l #	18
93) 1,2,4-Trichlorobenzene	13.63	180	286	Below Cal	#	62
95) Naphthalene	13.83	128	5473	0.256	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.84	180	351	Below Cal		61

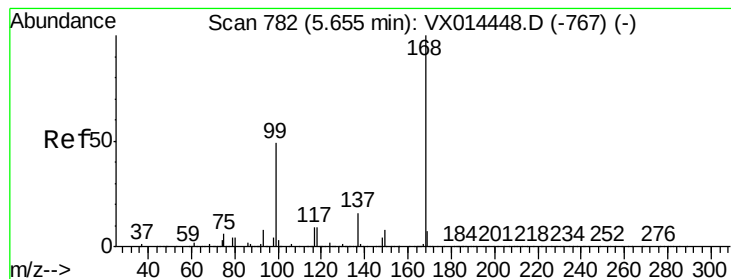
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011720\
Data File : VX014660.D
Acq On : 17 Jan 2020 17:17
Operator : JC/SP
Sample : L1162-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 18 05:09:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 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: VX014660.D

Acq: 17 Jan 2020 17:17

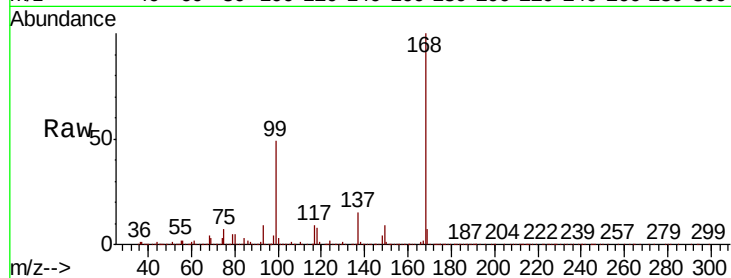
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 440592

Ion Ratio Lower Upper

168 100

99 48.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

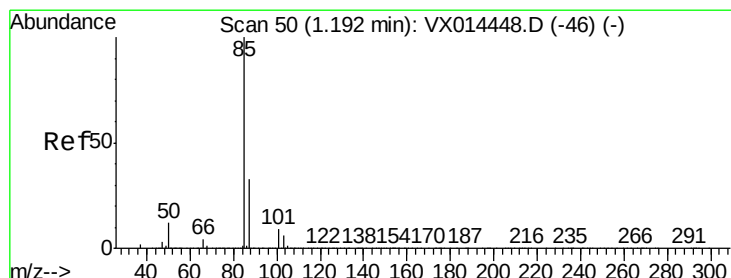
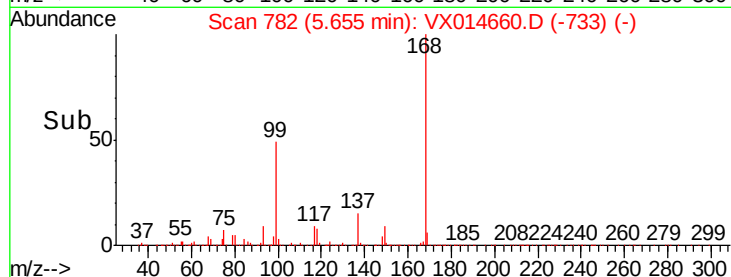
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.262 ug/l

RT: 1.20 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX014660.D

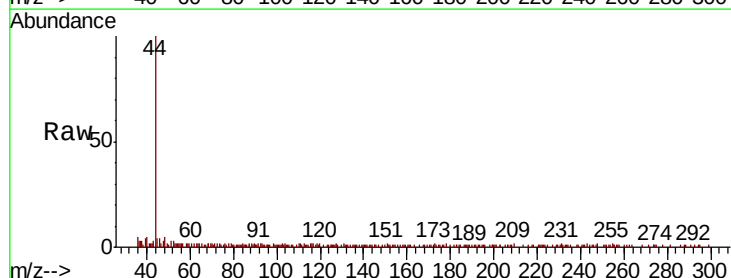
Acq: 17 Jan 2020 17:17

Tgt Ion: 85 Resp: 55

Ion Ratio Lower Upper

85 100

87 124.5 16.5 49.5#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

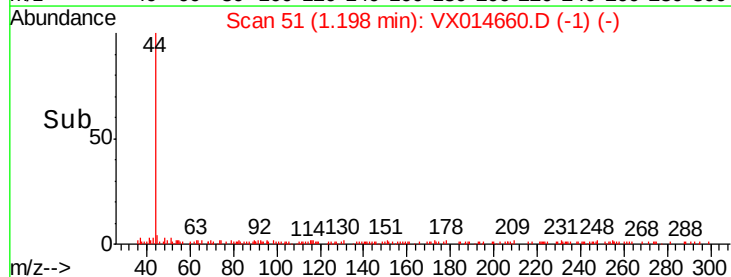
300

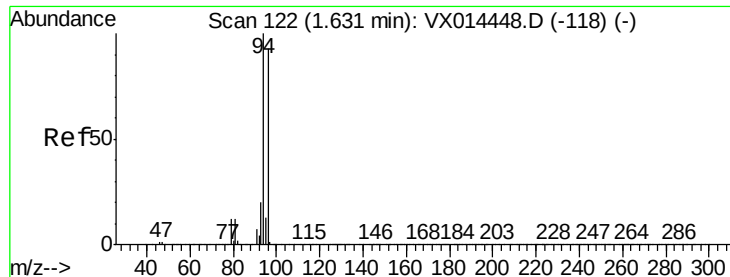
200

100

0

Time-->





#5

Bromomethane

Concen: 0.322 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX014660.D

Acq: 17 Jan 2020 17:17

Instrument :

MSVOA_X

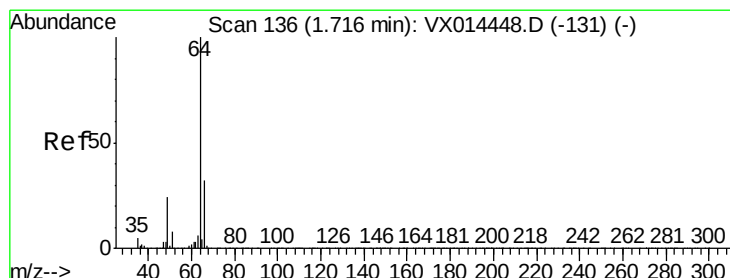
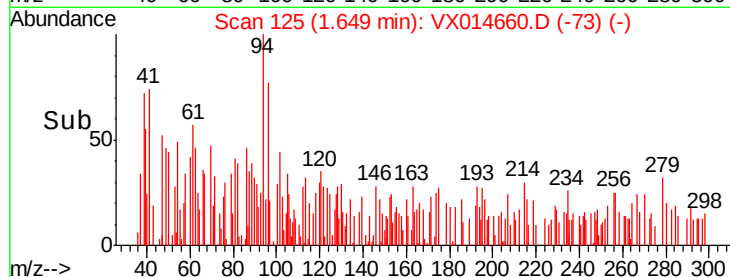
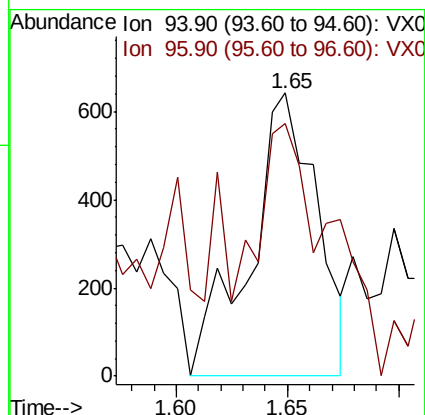
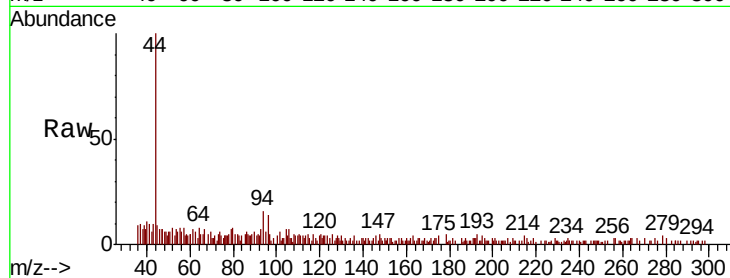
ClientSampled :

Tot Ion: 94 Resp: 1337

Ion Ratio Lower Upper

94 100

96 58.7 74.2 111.2#



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 138

Delta R.T. 0.01 min

Lab File: VX014660.D

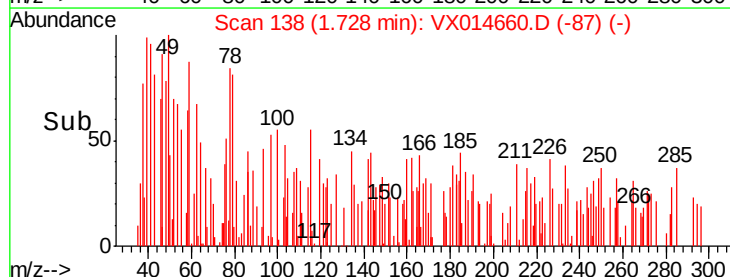
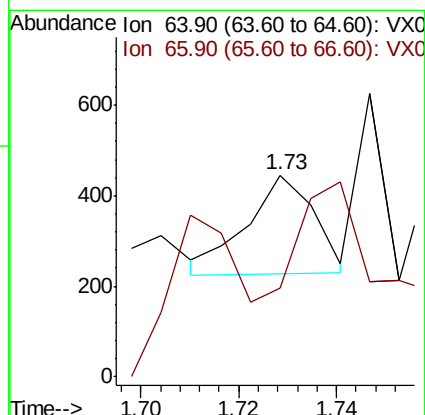
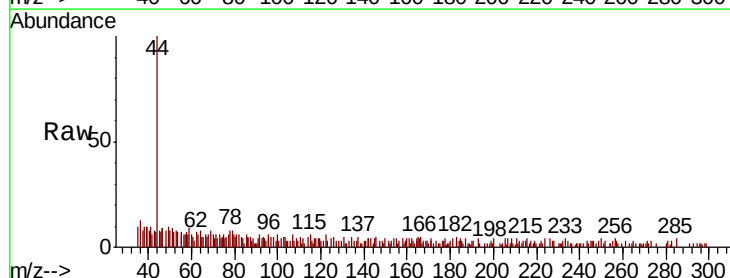
Acq: 17 Jan 2020 17:17

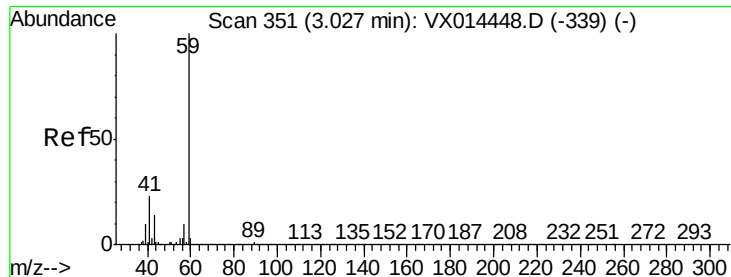
Tgt Ion: 64 Resp: 207

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#

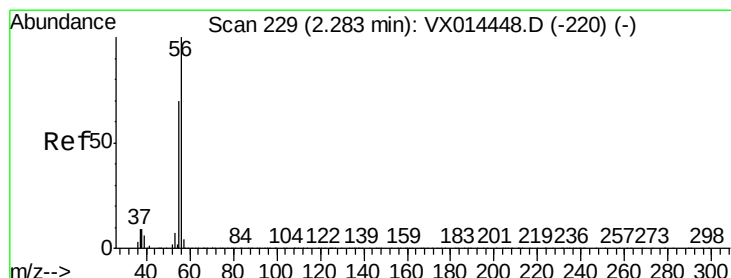
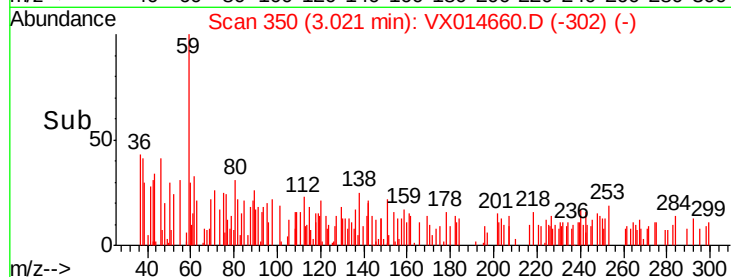
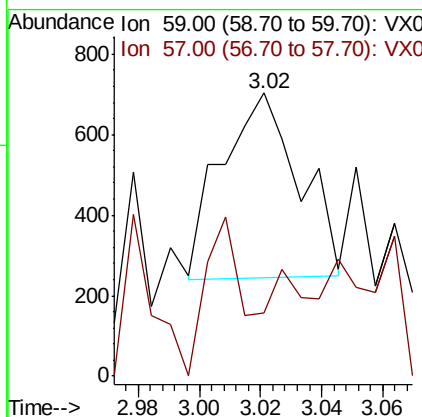
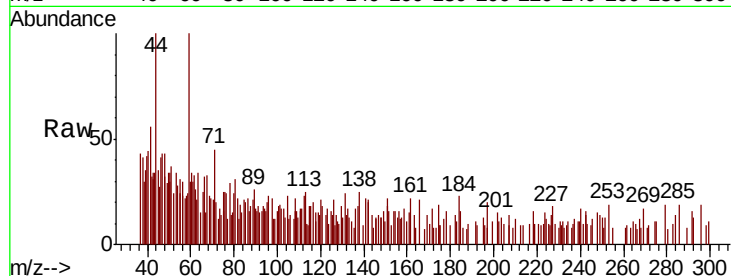




#11
Tert butyl alcohol
Concen: 0.794 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014660.D
Acq: 17 Jan 2020 17:17

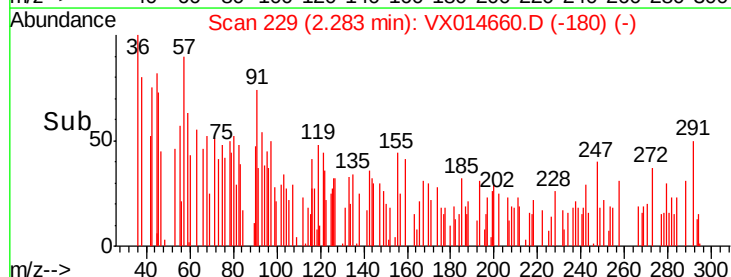
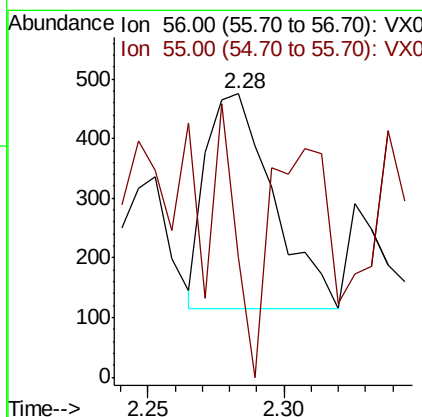
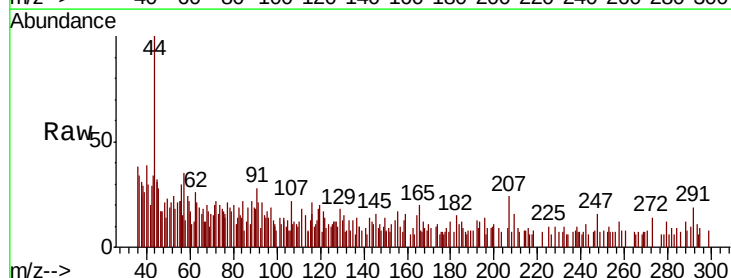
Instrument :
MSVOA_X
ClientSampled :

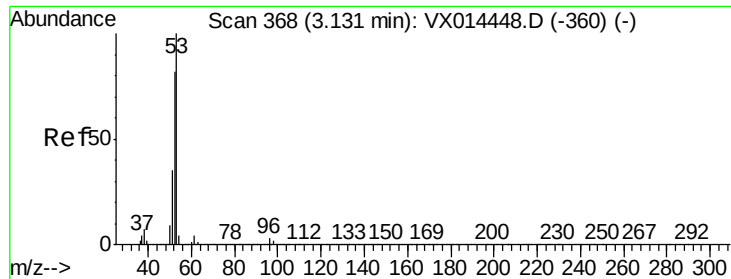
Tot Ion: 59 Resp: 815
Ion Ratio Lower Upper
59 100
57 8.1 8.5 12.7#



#13
Acrolein
Concen: 0.754 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014660.D
Acq: 17 Jan 2020 17:17

Tgt Ion: 56 Resp: 621
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#





#15

Acrylonitrile

Concen: 0.288 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014660.D

Acq: 17 Jan 2020 17:17

Instrument :

MSVOA_X

ClientSampled :

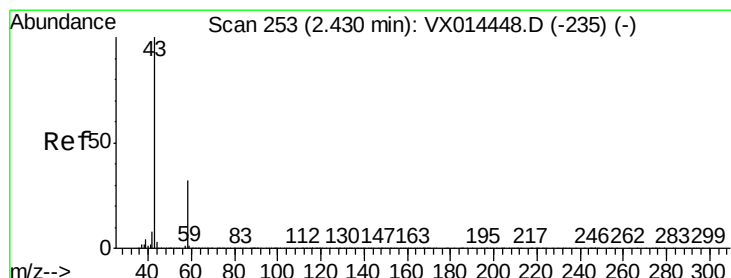
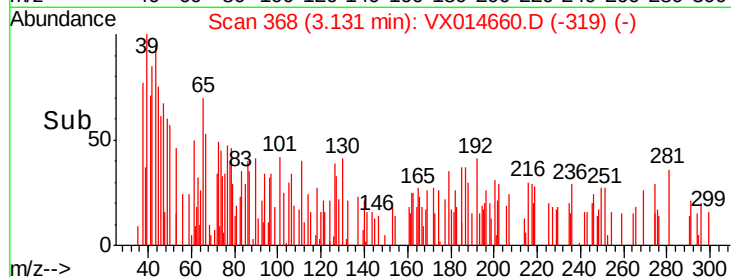
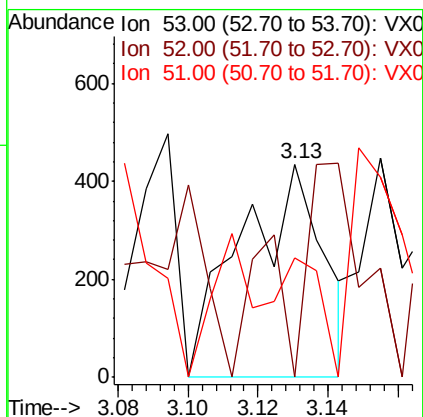
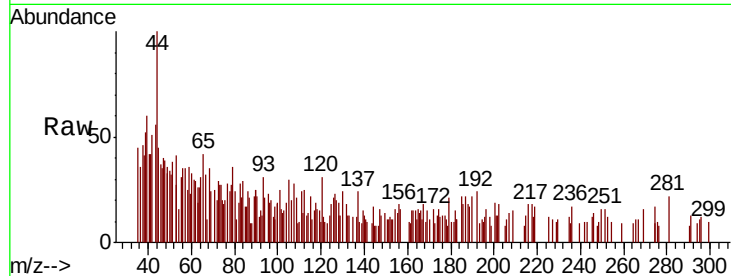
Tot Ion: 53 Resp: 714

Ion Ratio Lower Upper

53 100

52 27.3 67.0 100.4#

51 38.4 28.5 42.7



#16

Acetone

Concen: Below Cal

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014660.D

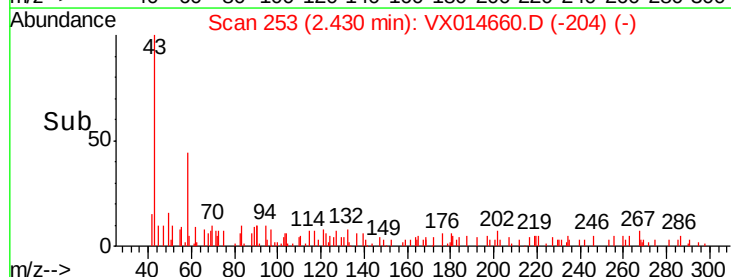
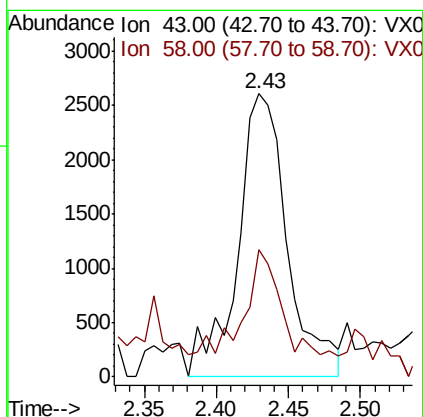
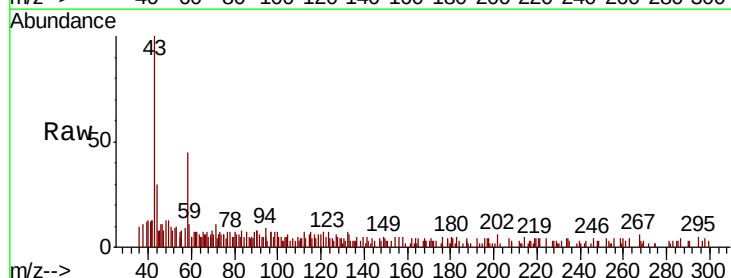
Acq: 17 Jan 2020 17:17

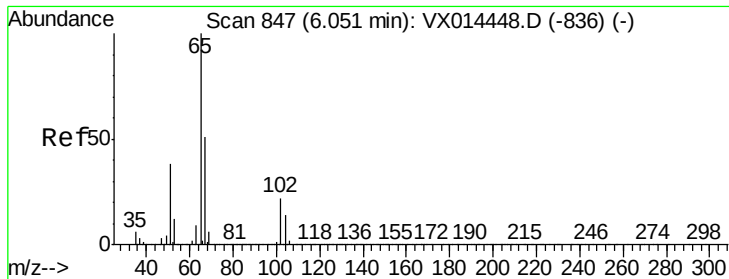
Tgt Ion: 43 Resp: 6240

Ion Ratio Lower Upper

43 100

58 37.5 25.4 38.0

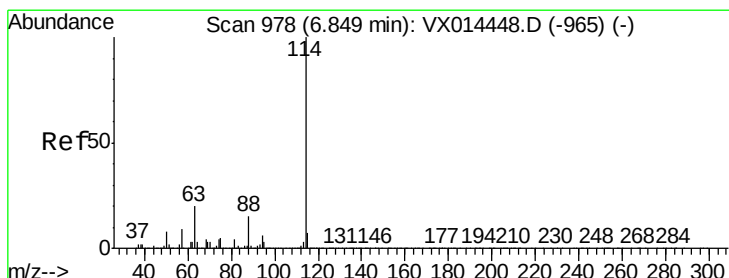
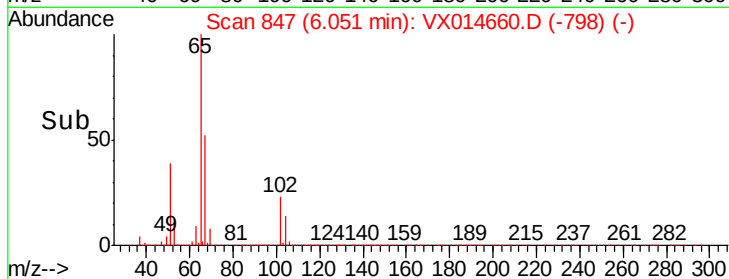
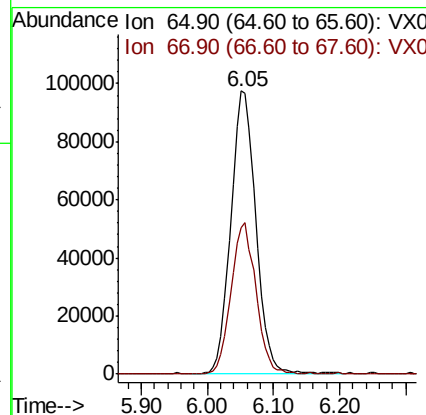
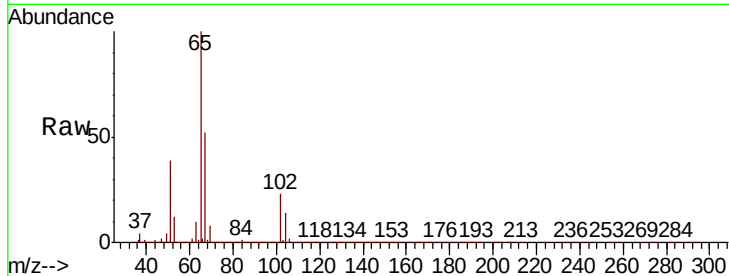




#33
 1,2-Dichloroethane-d4
 Concen: 52.257 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014660.D
 Acq: 17 Jan 2020 17:17

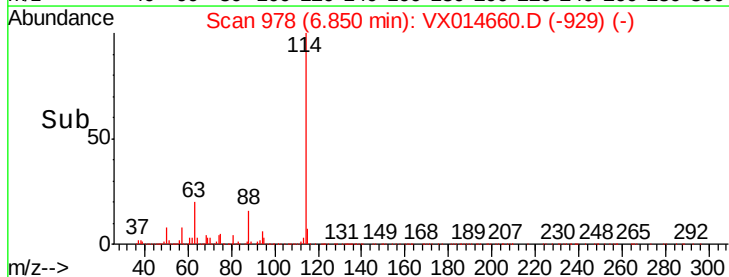
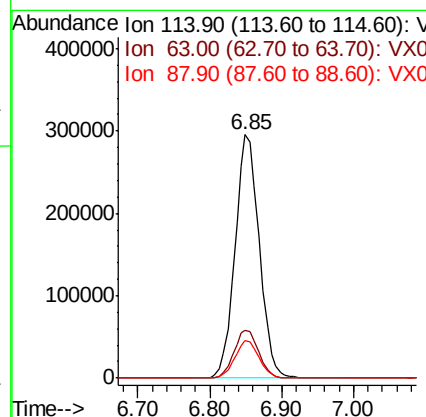
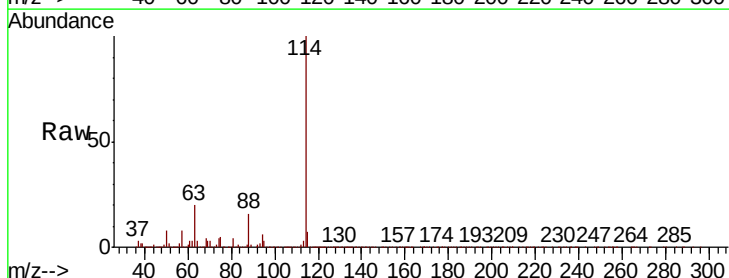
Instrument :
 MSVOA_X
 ClientSampleId :

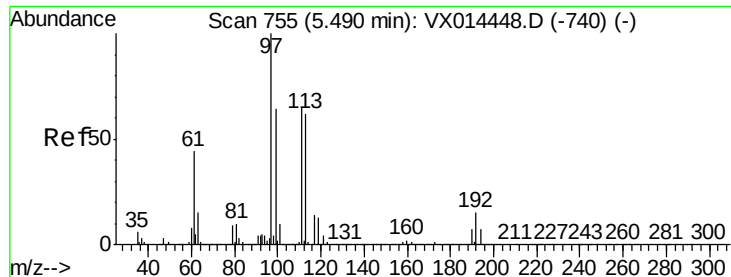
Tot Ion: 65 Resp: 257025
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014660.D
 Acq: 17 Jan 2020 17:17

Tgt Ion: 114 Resp: 688976
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.6 0.0 30.8

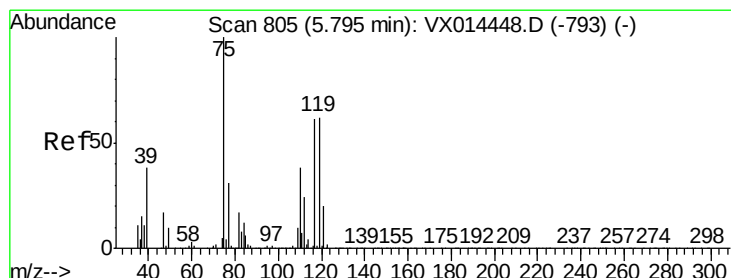
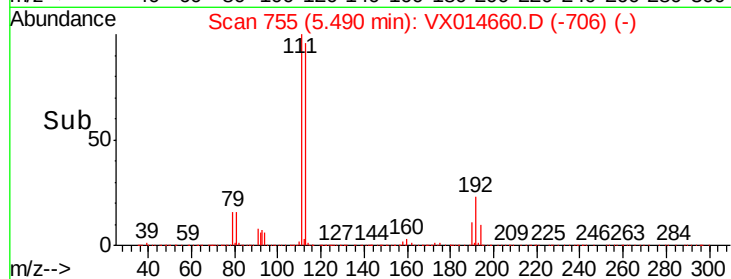
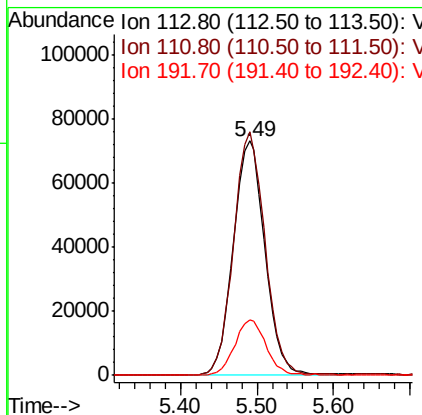
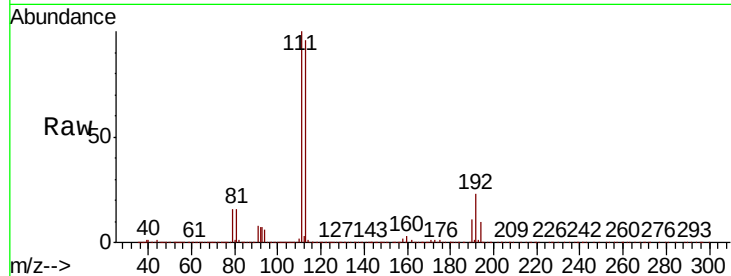




#35
 Dibromofluoromethane
 Concen: 50.136 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014660.D
 Acq: 17 Jan 2020 17:17

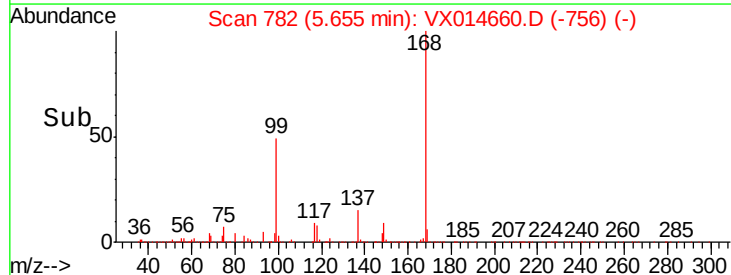
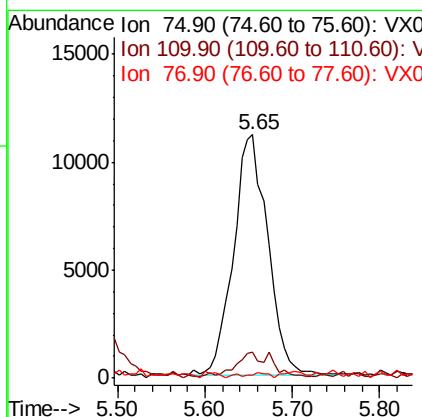
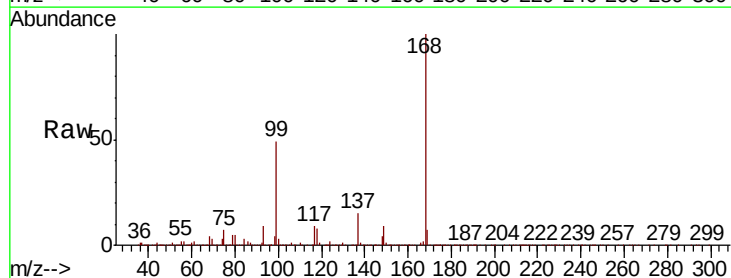
Instrument :
 MSVOA_X
 ClientSampleId :

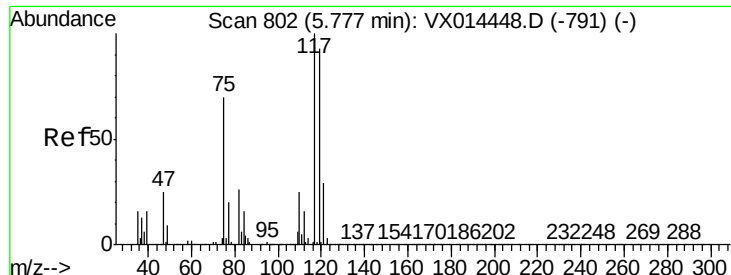
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.3	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 4.703 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.14 min
 Lab File: VX014660.D
 Acq: 17 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.6	55.8#
77	1.1	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.485 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014660.D

Acq: 17 Jan 2020 17:17

Instrument :

MSVOA_X

ClientSampled :

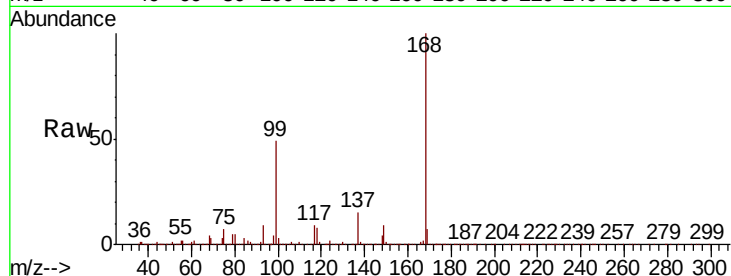
Tot Ion:117 Resp: 38666

Ion Ratio Lower Upper

117 100

119 6.1 73.8 110.8#

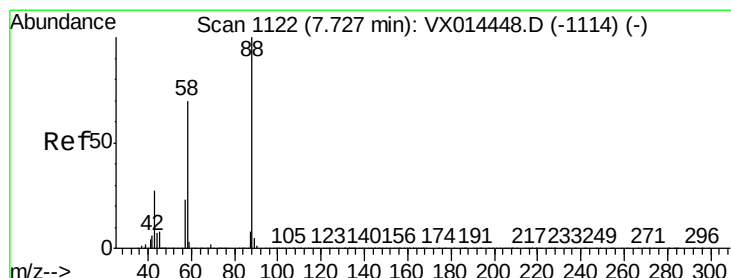
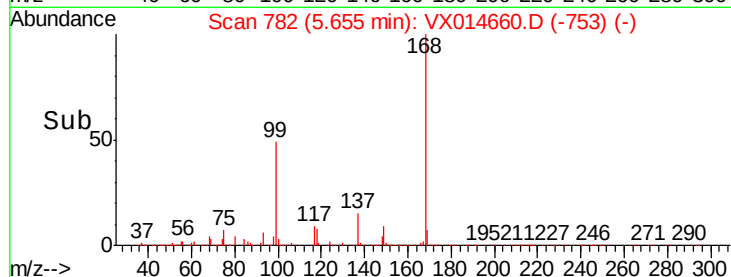
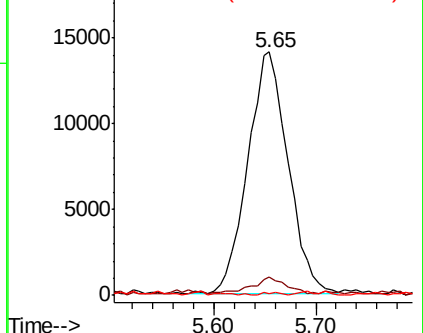
121 0.6 23.4 35.0#



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: 0.971 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX014660.D

Acq: 17 Jan 2020 17:17

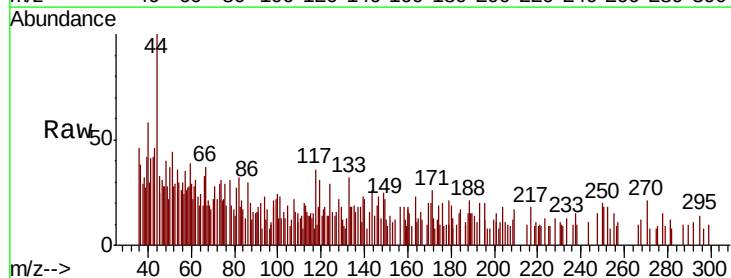
Tgt Ion: 88 Resp: 112

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0#

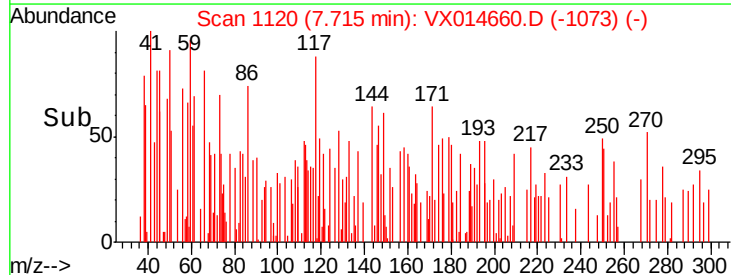
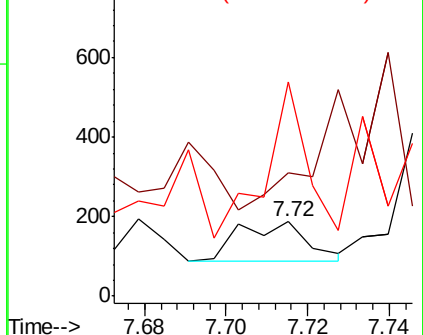
58 249.1 57.1 85.7#

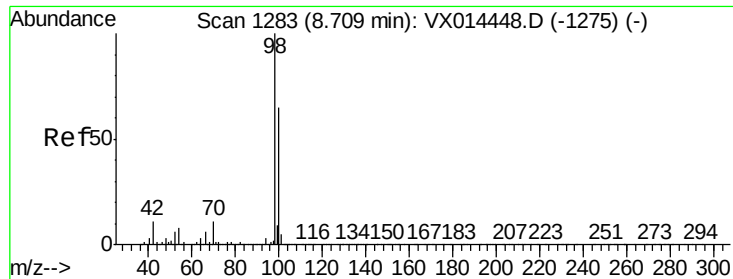


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

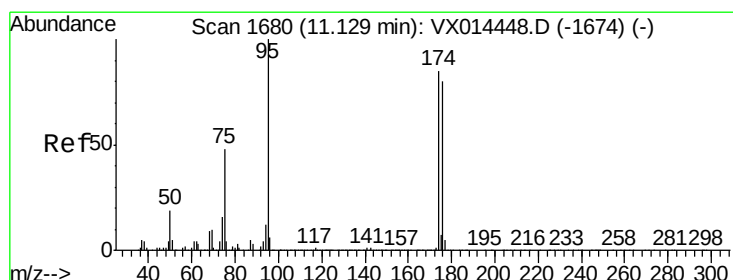
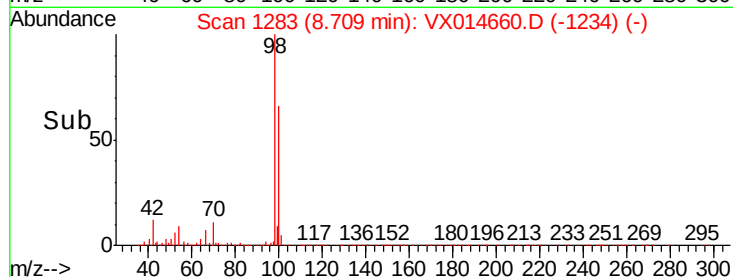
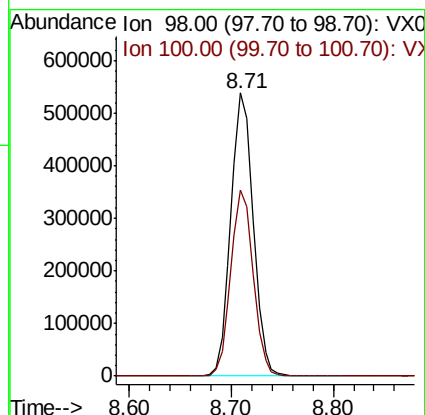
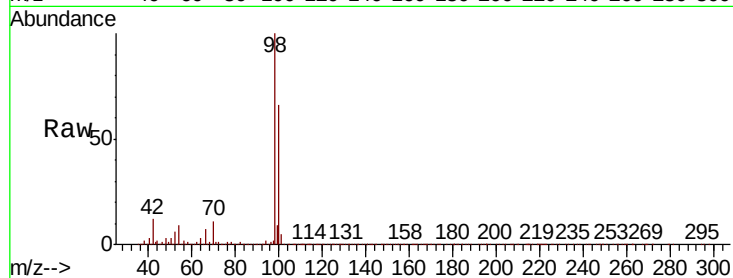




#50
Toluene-d8
Concen: 50.629 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014660.D
Acq: 17 Jan 2020 17:17

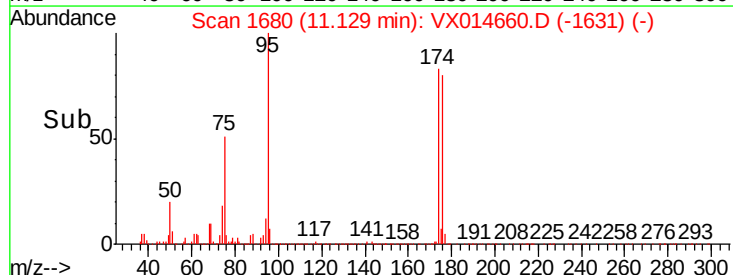
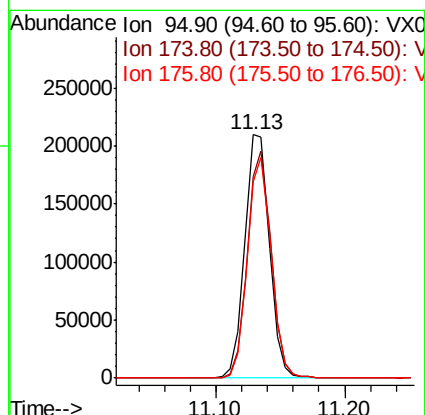
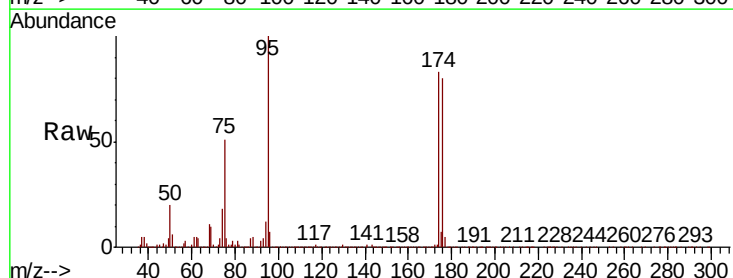
Instrument :
MSVOA_X
ClientSampleId :

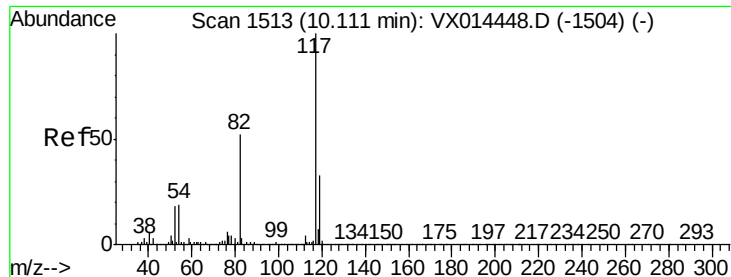
Tot Ion: 98 Resp: 819436
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 46.352 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014660.D
Acq: 17 Jan 2020 17:17

Tgt Ion: 95 Resp: 275408
Ion Ratio Lower Upper
95 100
174 89.9 0.0 180.8
176 87.3 0.0 172.8

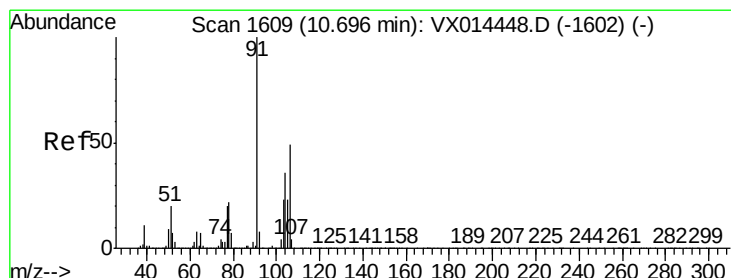
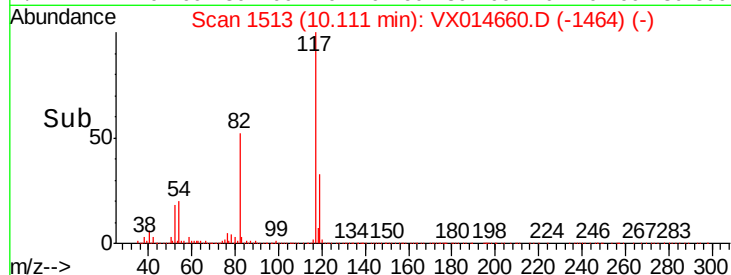
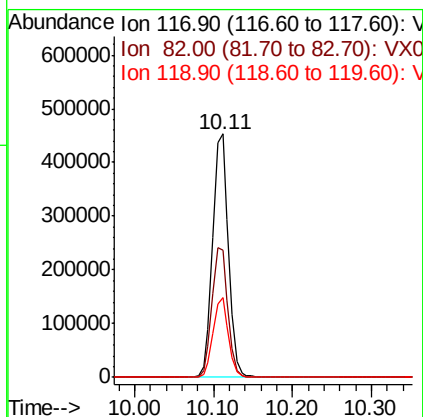
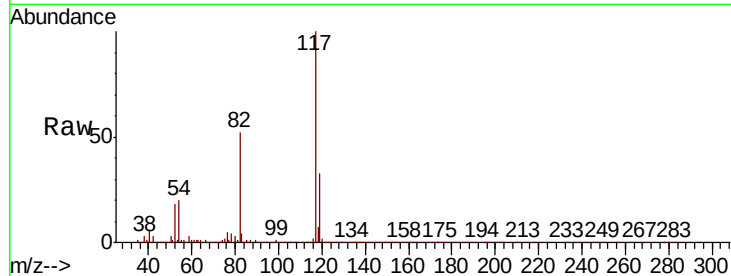




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014660.D
Acq: 17 Jan 2020 17:17

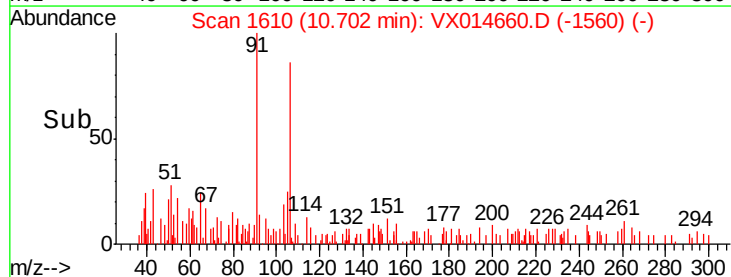
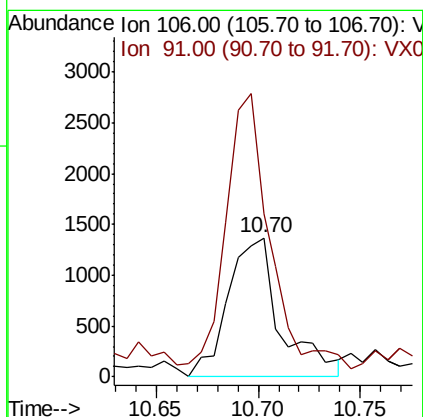
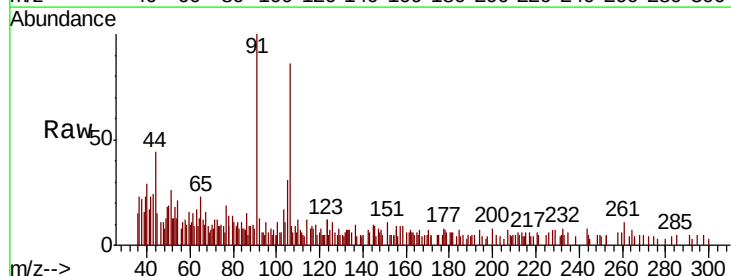
Instrument :
MSVOA_X
ClientSampled :

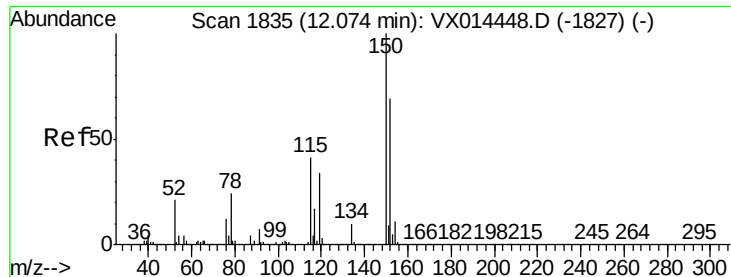
Tot Ion:117 Resp: 631248
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.6
119 32.8 26.2 39.4



#69
o-Xylene
Concen: 0.285 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. 0.01 min
Lab File: VX014660.D
Acq: 17 Jan 2020 17:17

Tgt Ion:106 Resp: 2453
Ion Ratio Lower Upper
106 100
91 163.8 105.1 315.1



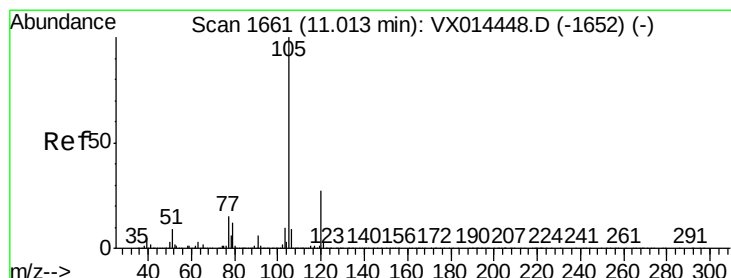
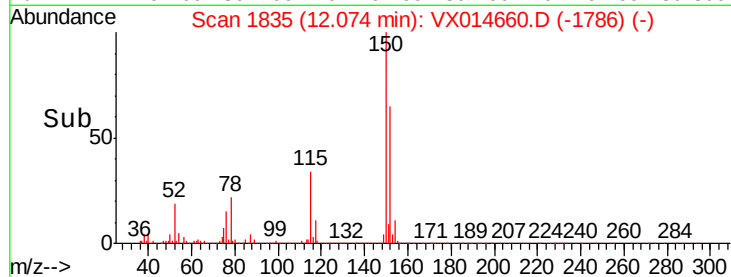
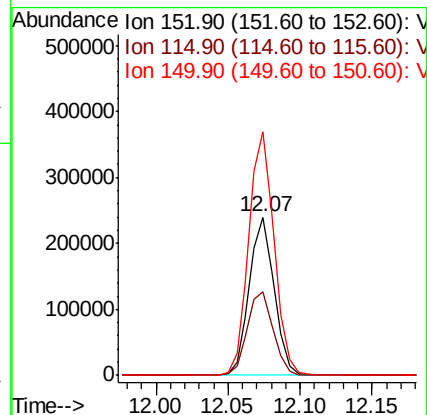
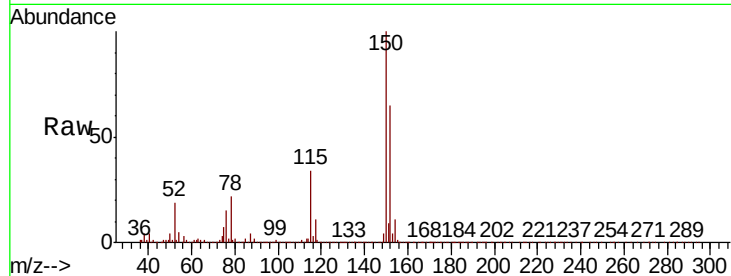


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014660.D
Acq: 17 Jan 2020 17:17

Instrument :
MSVOA_X
ClientSampleId :

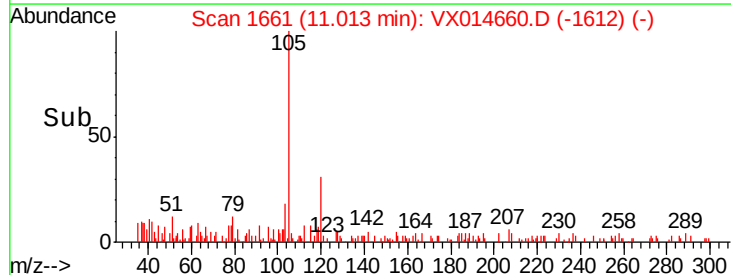
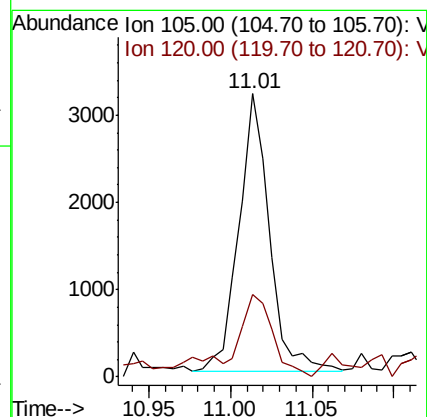
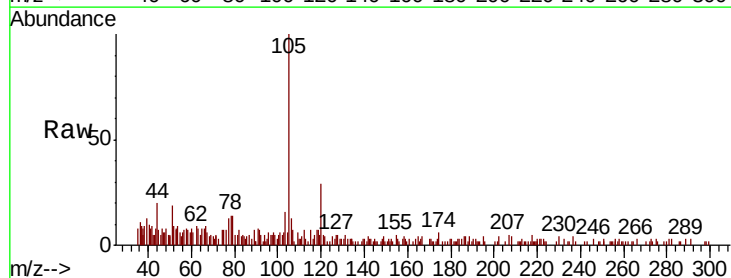
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.5	118.3
150	155.9	0.0	350.2

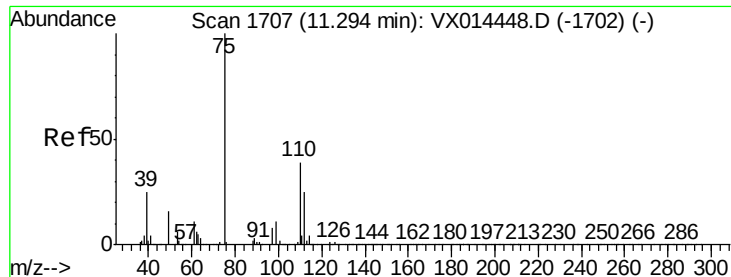


#73

Isopropylbenzene
Concen: 0.206 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014660.D
Acq: 17 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.7	13.4	40.2





#76

1,2,3-Trichloropropane

Concen: 22.832 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014660.D

Acq: 17 Jan 2020 17:17

Instrument :

MSVOA_X

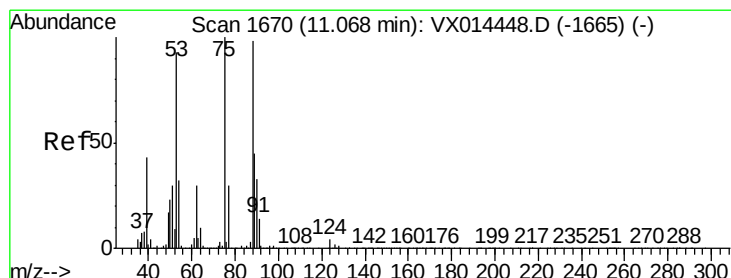
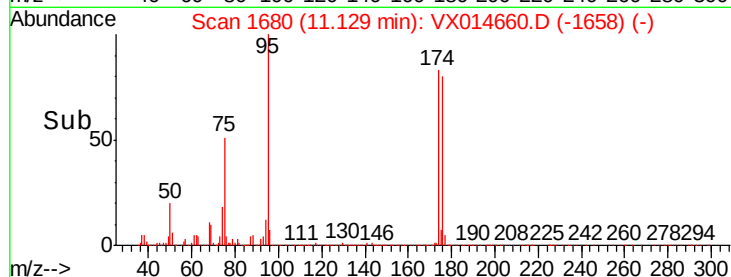
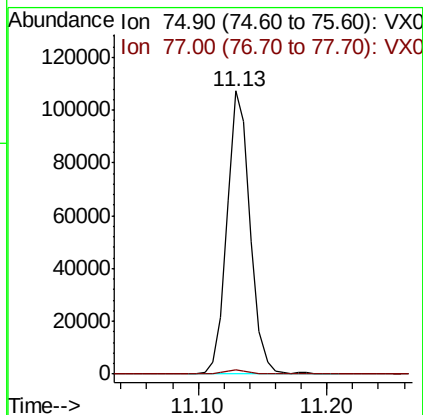
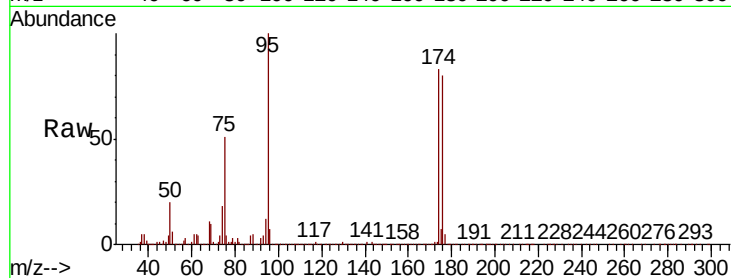
ClientSampleId :

Tot Ion: 75 Resp: 135573

Ion Ratio Lower Upper

75 100

77 1.4 21.9 65.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.364 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014660.D

Acq: 17 Jan 2020 17:17

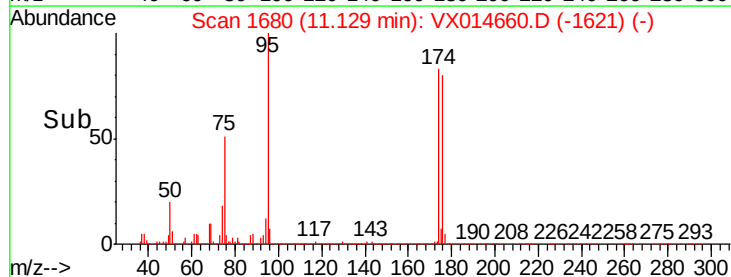
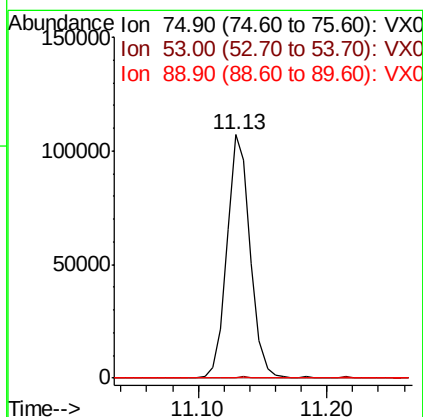
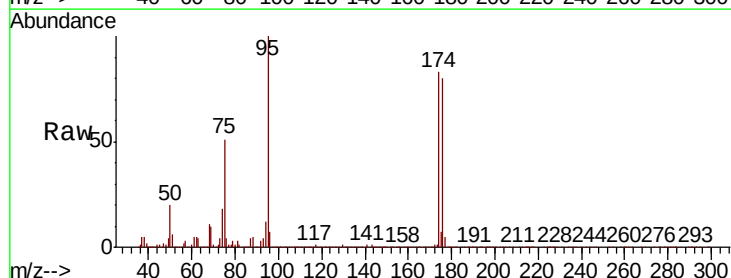
Tgt Ion: 75 Resp: 135573

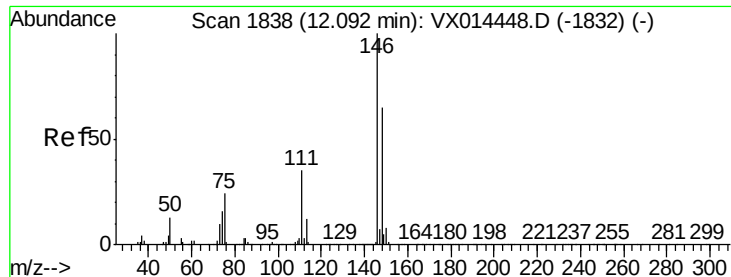
Ion Ratio Lower Upper

75 100

53 0.4 74.8 112.2#

89 0.1 36.3 54.5#

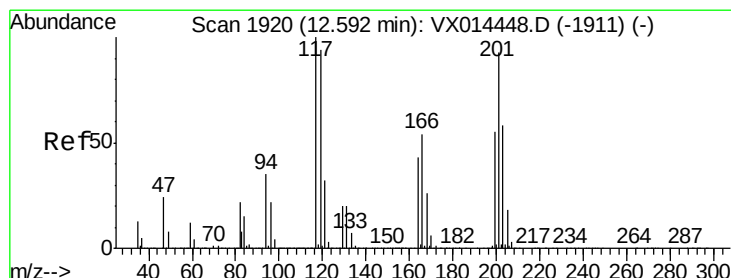
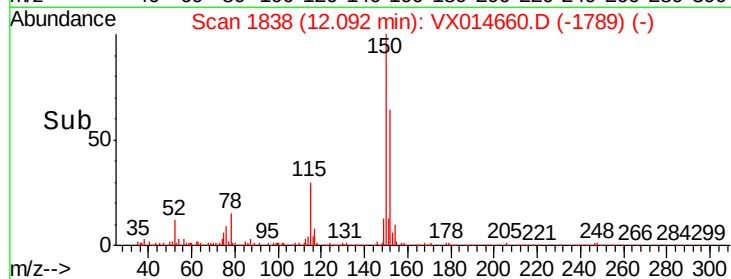
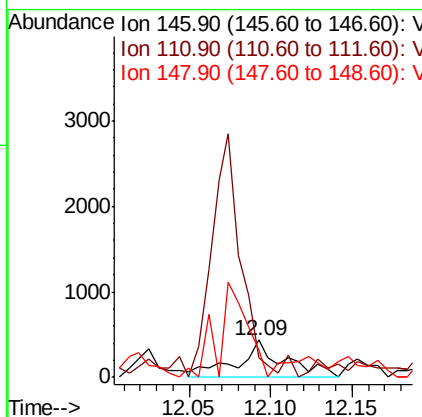
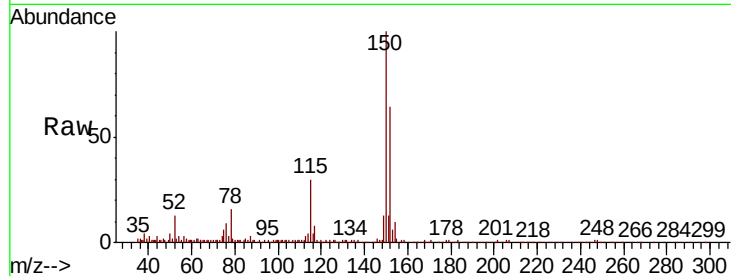




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014660.D
 Acq: 17 Jan 2020 17:17

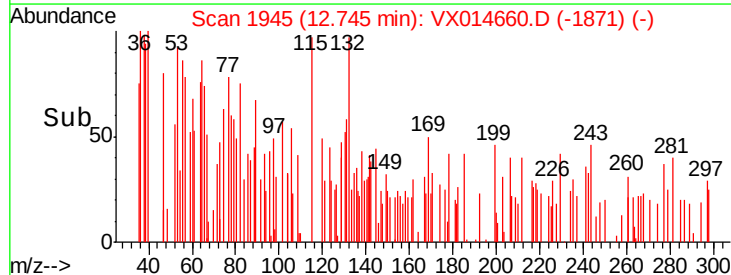
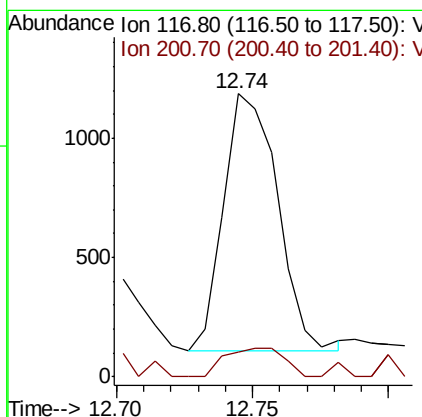
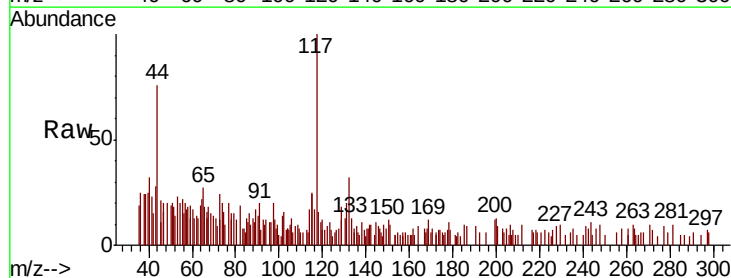
Instrument :
 MSVOA_X
 ClientSampleId :

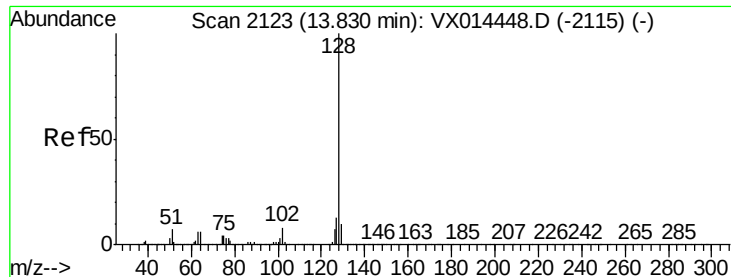
Tot Ion	Ratio	Lower	Upper
146	100		
111	383.0	18.1	54.1#
148	152.6	32.1	96.3#



#90
 Hexachloroethane
 Concen: 0.466 ug/l
 RT: 12.74 min Scan# 1945
 Delta R.T. 0.15 min
 Lab File: VX014660.D
 Acq: 17 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	12.1	44.8	134.3#





#95

Naphthalene

Concen: 0.256 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014660.D

Acq: 17 Jan 2020 17:17

Instrument :

MSVOA_X

ClientSampled :

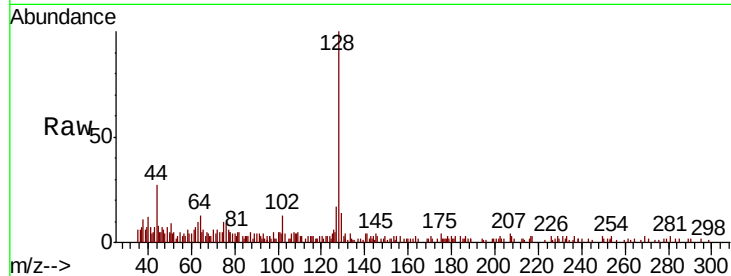
Tot Ion:128 Resp: 5473

Ion Ratio Lower Upper

128 100

127 19.8 10.3 15.5#

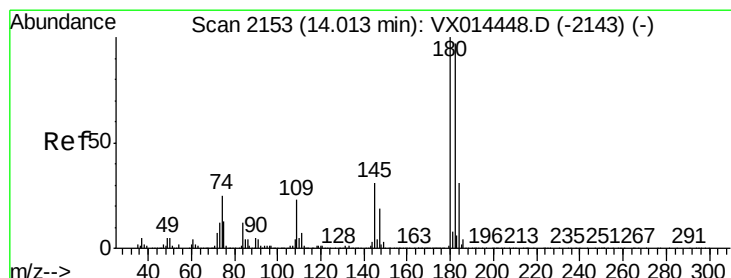
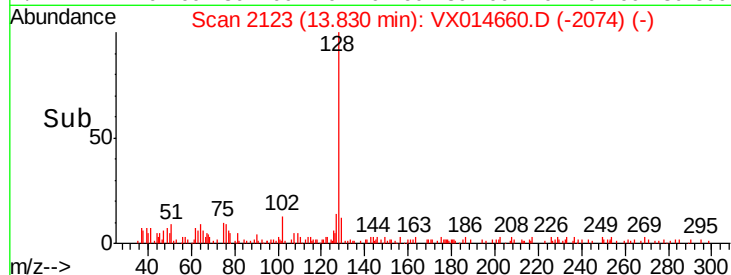
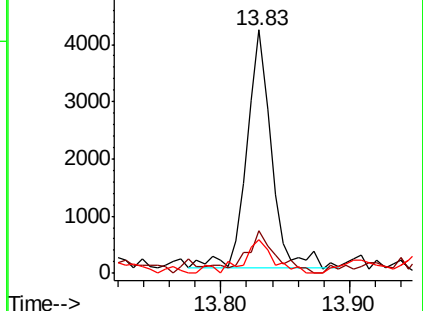
129 16.3 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: Below Cal

RT: 13.84 min Scan# 2124

Delta R.T. -0.18 min

Lab File: VX014660.D

Acq: 17 Jan 2020 17:17

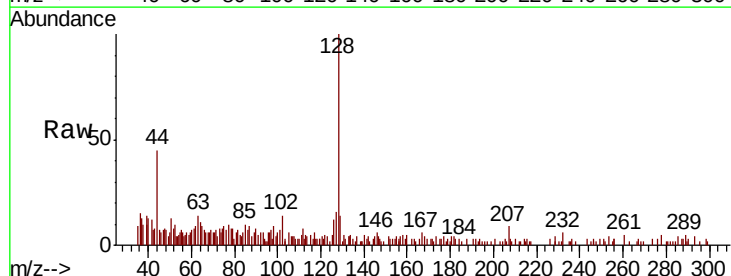
Tgt Ion:180 Resp: 351

Ion Ratio Lower Upper

180 100

182 49.3 47.9 143.6

145 23.4 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

