

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022120\
 Data File : VX014995.D
 Acq On : 21 Feb 2020 16:03
 Operator : JC/SP
 Sample : L1653-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-26

Quant Time: Feb 22 01:04:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	81727	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.84	114	439185	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	399171	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	169188	29.77	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.23%
60) 4-Bromofluorobenzene	11.13	95	173790	27.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.17%
63) Toluene-d8	8.71	98	505811	29.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.87%

Target Compounds

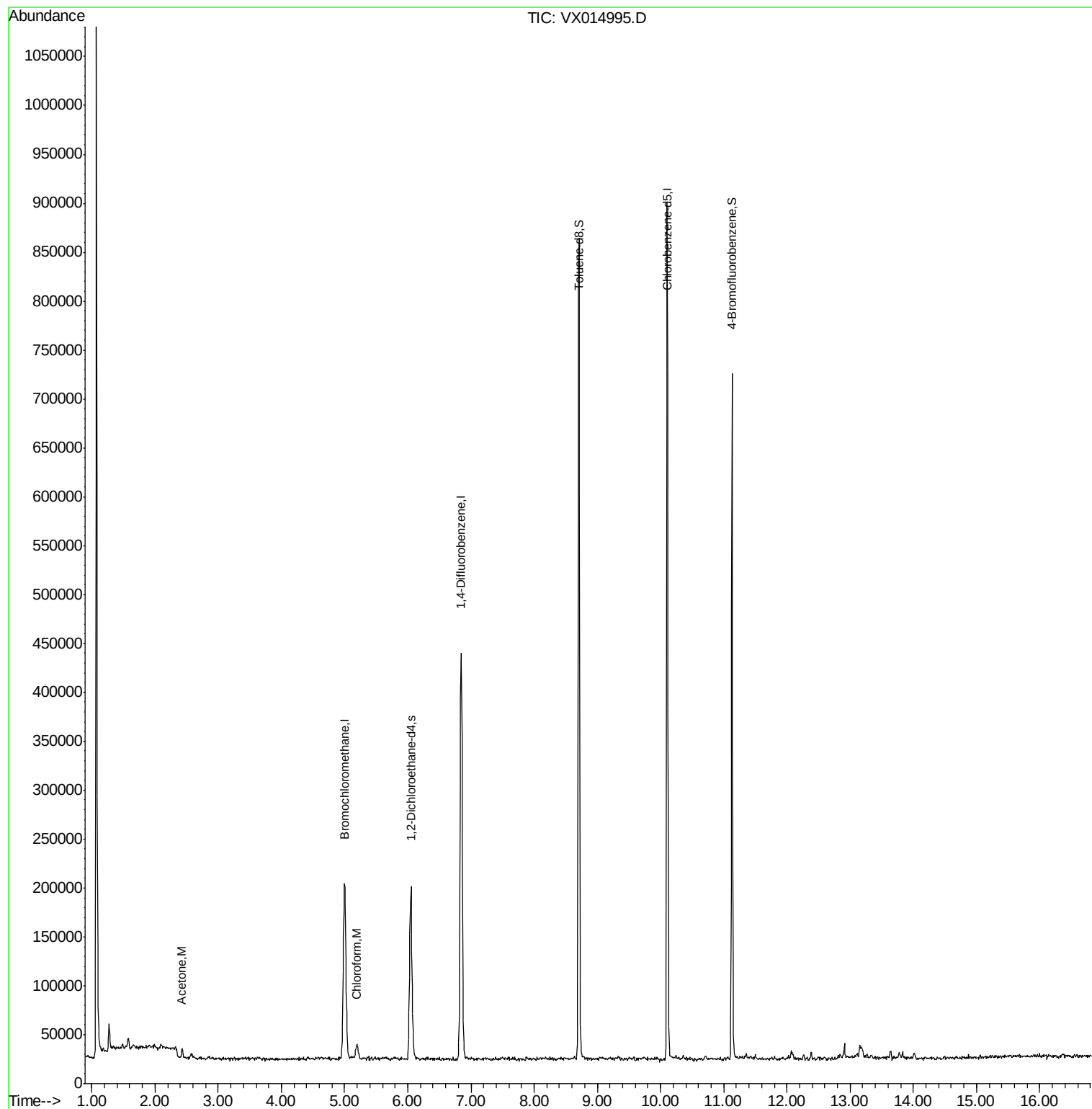
					Ovalue
15) Acetone	2.43	58	3674	4.252	ug/l 92
25) Chloroform	5.20	83	17122	2.029	ug/l 93

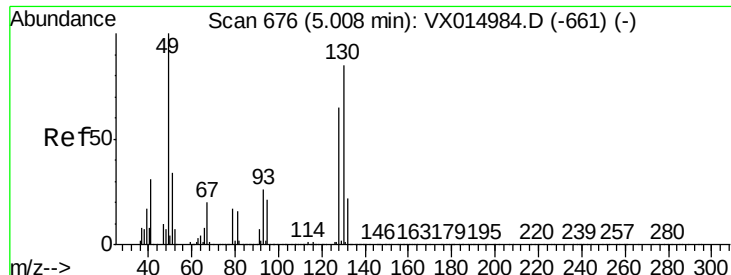
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX014995.D

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Instrument :

MSVOA_X

ClientSampleId :

55-ST-26

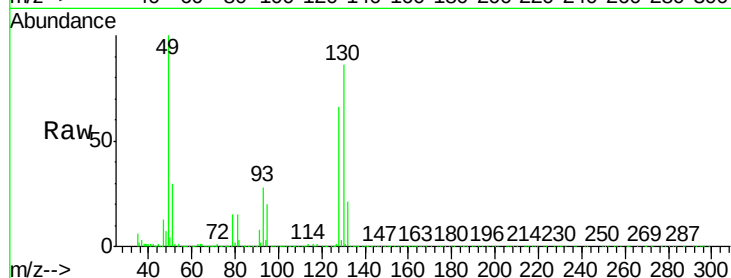
Tot Ion:128 Resp: 81727

Ion Ratio Lower Upper

128 100

49 148.1 0.0 384.7

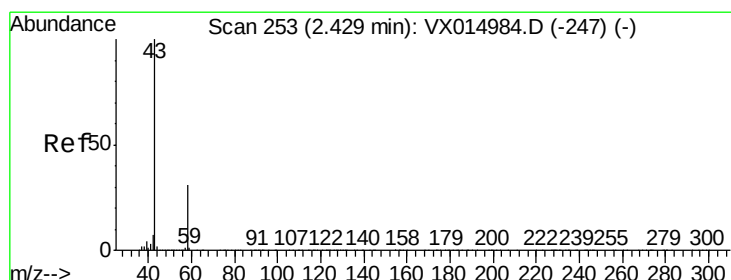
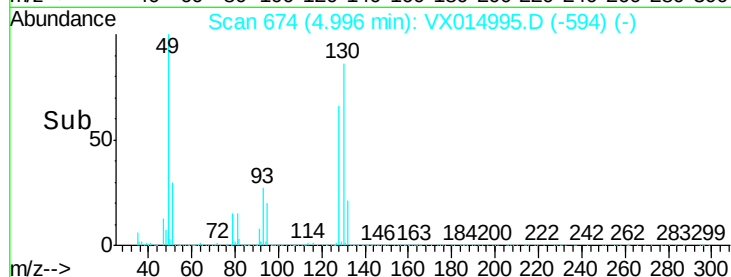
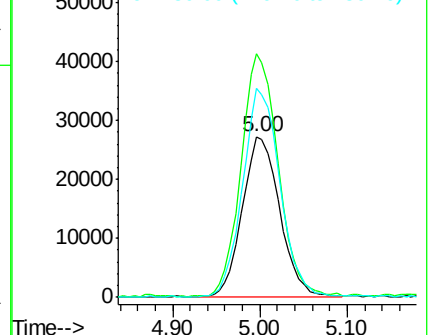
130 128.3 0.0 330.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 4.252 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014995.D

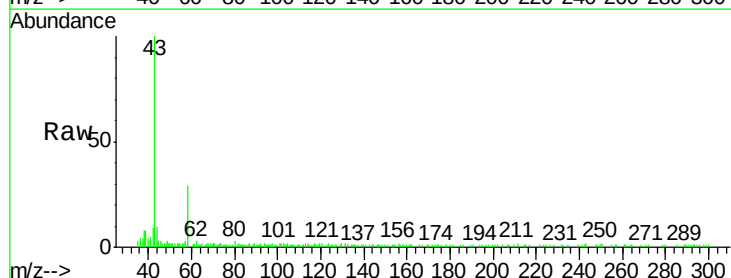
Acq: 21 Feb 2020 16:03

Tgt Ion: 58 Resp: 3674

Ion Ratio Lower Upper

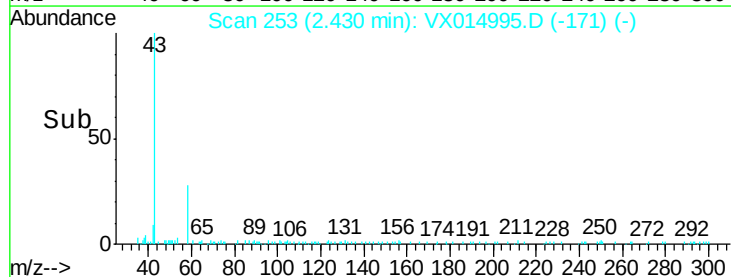
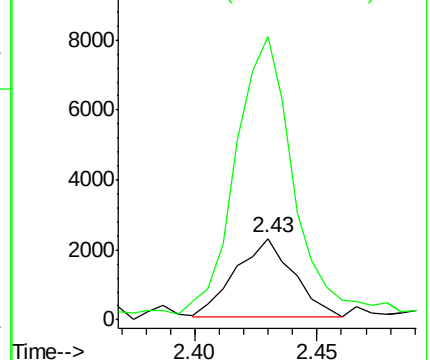
58 100

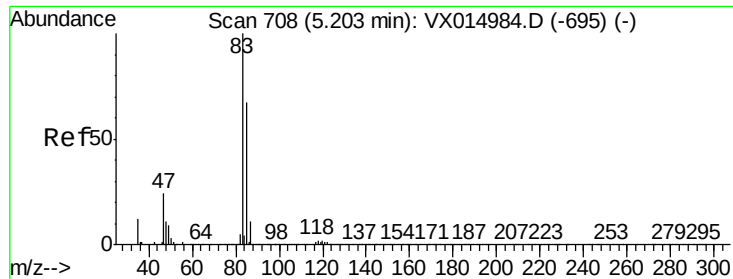
43 338.3 257.7 386.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 2.029 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014995.D

Acq: 21 Feb 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

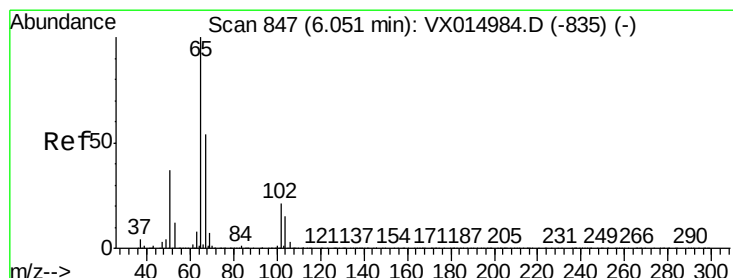
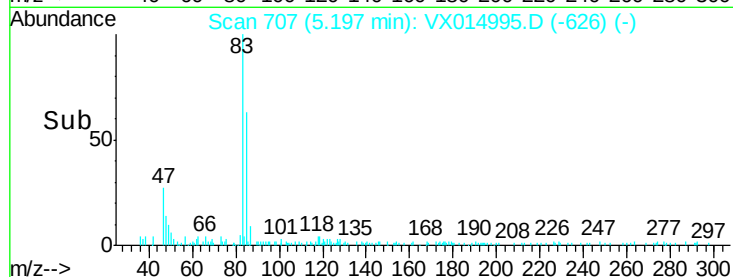
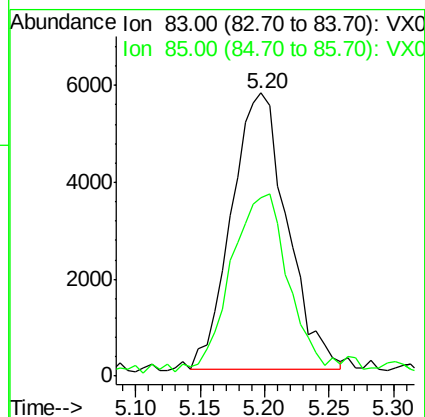
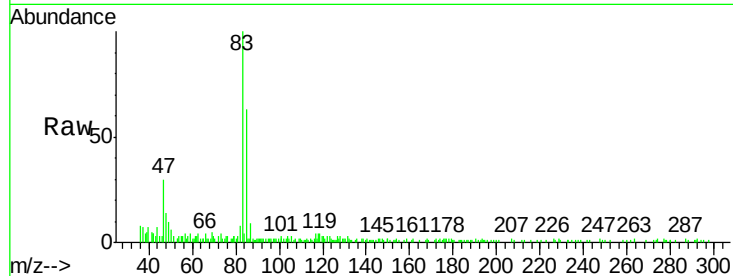
55-ST-26

Tot Ion: 83 Resp: 17122

Ion Ratio Lower Upper

83 100

85 61.4 53.4 80.0



#27

1,2-Dichloroethane-d4

Concen: 29.771 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014995.D

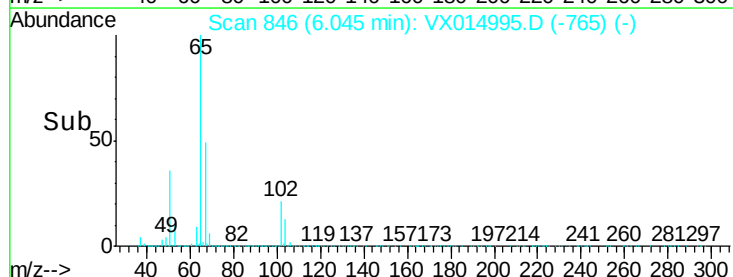
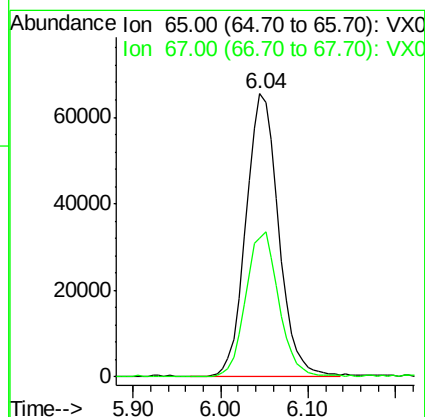
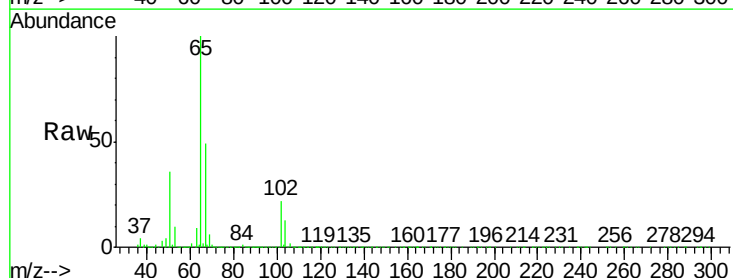
Acq: 21 Feb 2020 16:03

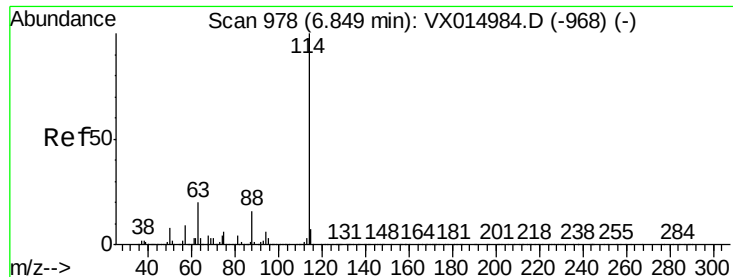
Tgt Ion: 65 Resp: 169188

Ion Ratio Lower Upper

65 100

67 52.2 41.9 62.9

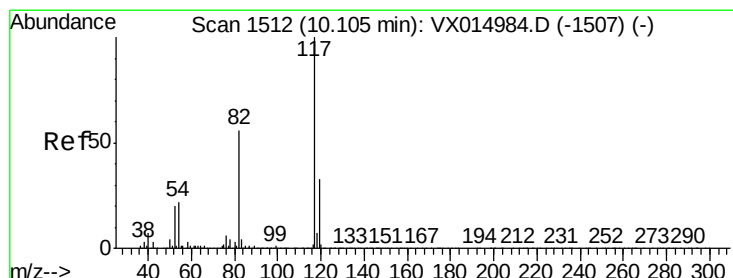
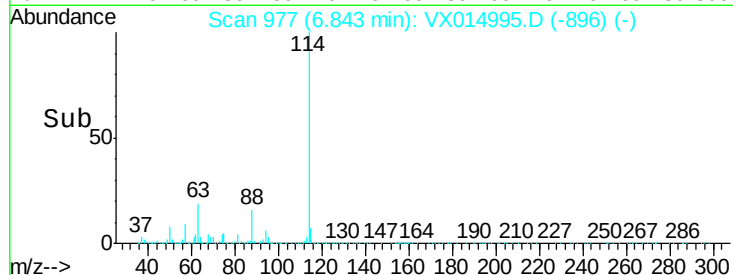
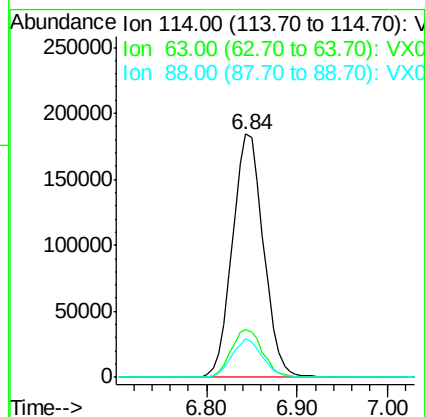
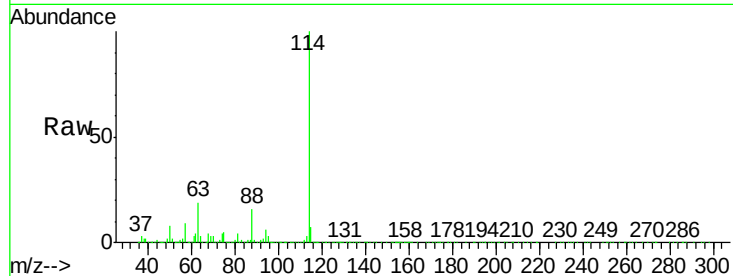




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014995.D
 Acq: 21 Feb 2020 16:03

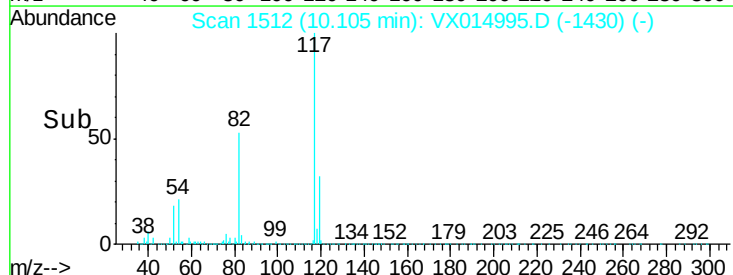
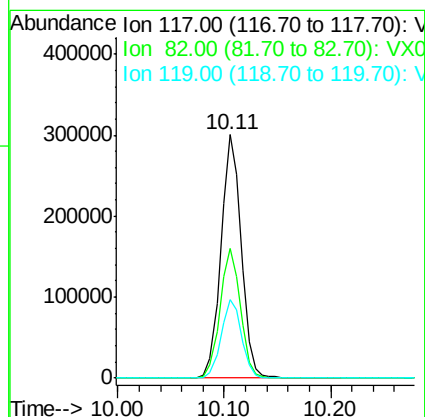
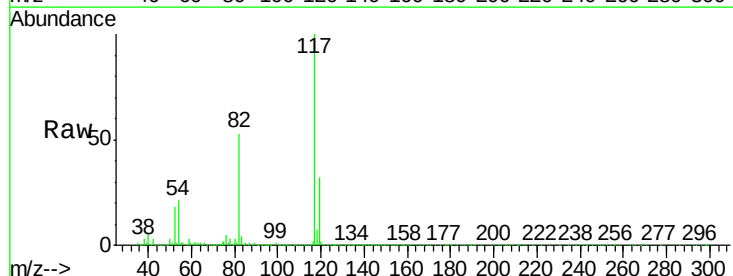
Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-26

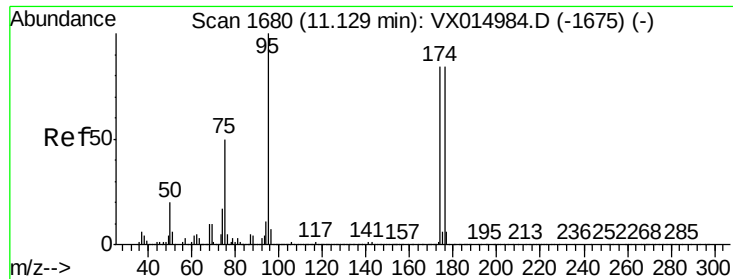
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	15.6	23.4
88	15.3	12.2	18.2



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: VX014995.D
 Acq: 21 Feb 2020 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.4	65.2
119	32.0	26.0	39.0

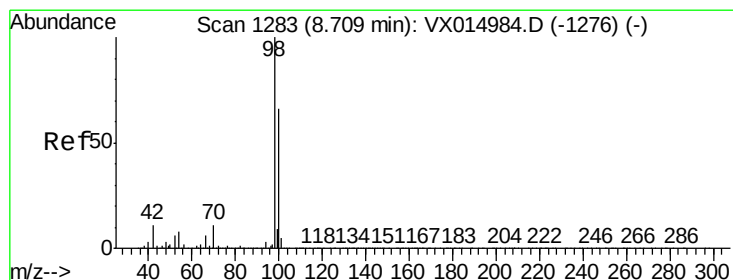
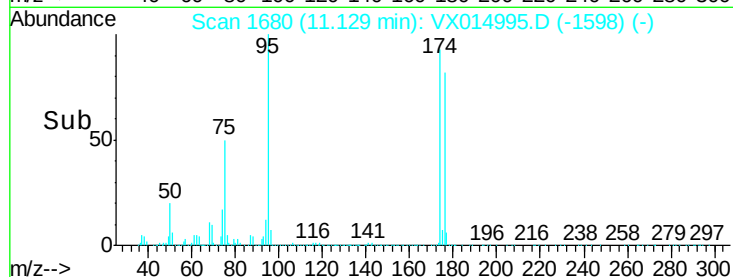
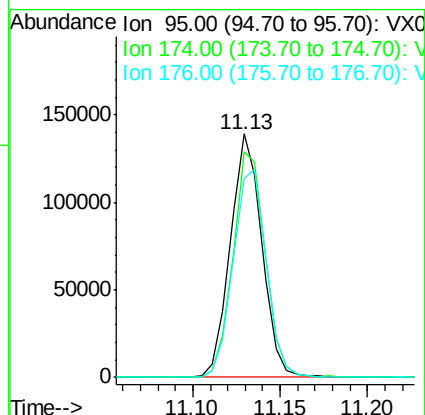
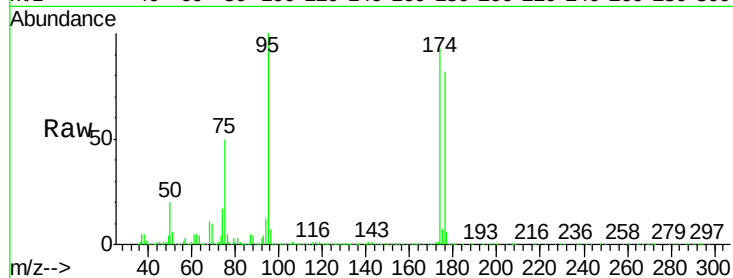




#60
4-Bromofluorobenzene
Concen: 27.954 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014995.D
Acq: 21 Feb 2020 16:03

Instrument :
MSVOA_X
ClientSampleId :
55-ST-26

Tot Ion	95	Resp	173790
Ion Ratio	Lower	Upper	
95	100		
174	95.0	72.3	108.5
176	90.2	72.0	108.0



#63
Toluene-d8
Concen: 29.058 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014995.D
Acq: 21 Feb 2020 16:03

Tgt Ion	98	Resp	505811
Ion Ratio	Lower	Upper	
98	100		
100	66.3	52.8	79.2

