

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111419\
 Data File : VX013414.D
 Acq On : 14 Nov 2019 12:06
 Operator : JC/SP
 Sample : K5834-01 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

Quant Time: Nov 15 02:25:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	128402	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	679999	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	598499	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	273959	28.89	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	96.30%		
60) 4-Bromofluorobenzene	11.14	95	260851	27.12	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	90.40%		
63) Toluene-d8	8.71	98	809218	29.90	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	99.67%		

Target Compounds

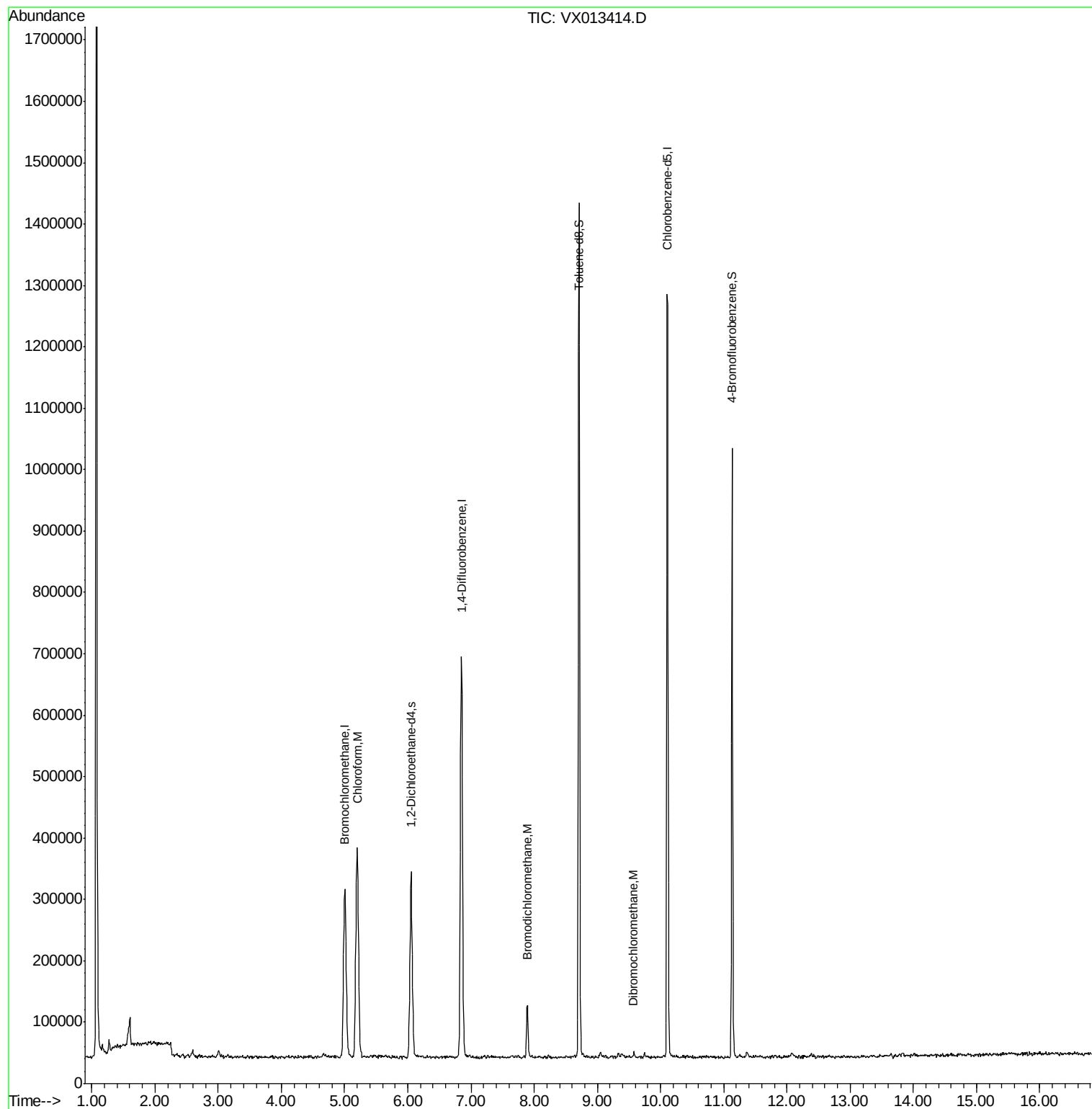
					Ovalue
25) Chloroform	5.20	83	414407	27.666 ug/l	97
41) Bromodichloromethane	7.89	83	55788	5.272 ug/l	92
53) Dibromochloromethane	9.58	129	4439	0.522 ug/l	95

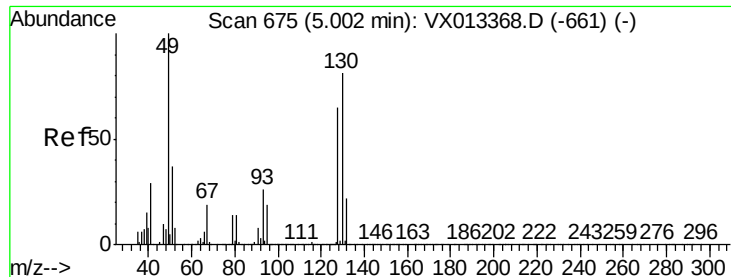
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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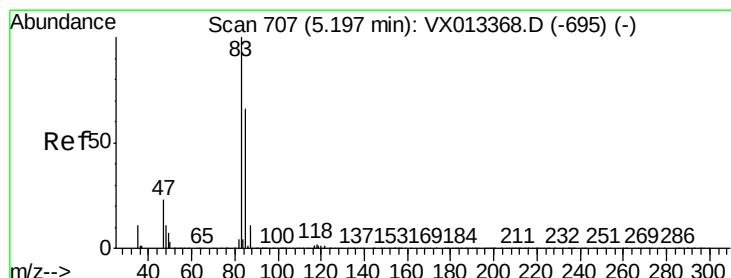
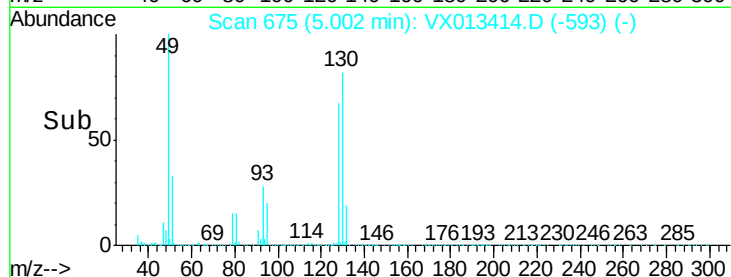
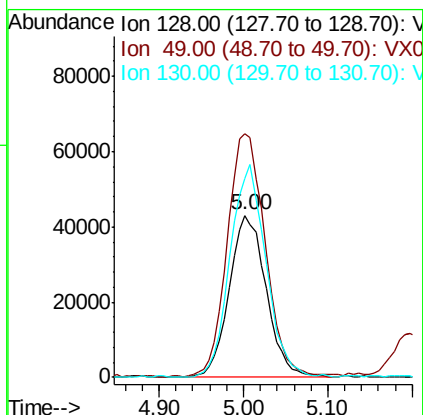
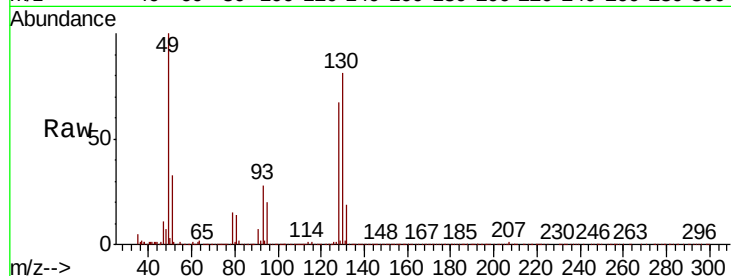




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013414.D
Acq: 14 Nov 2019 12:06

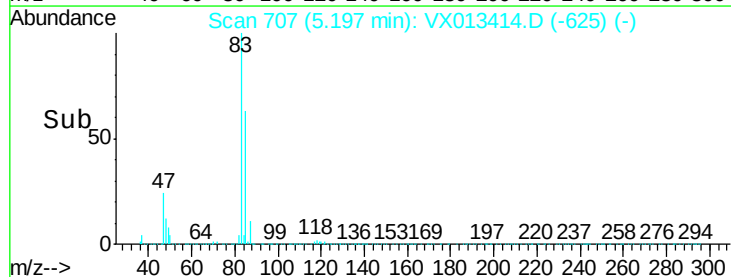
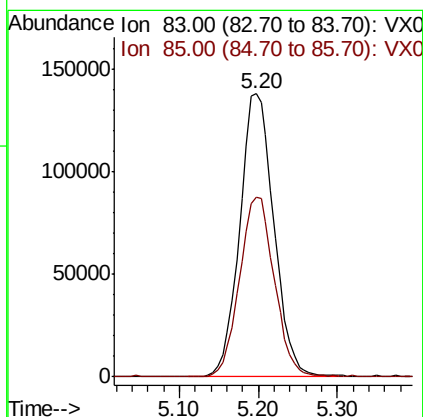
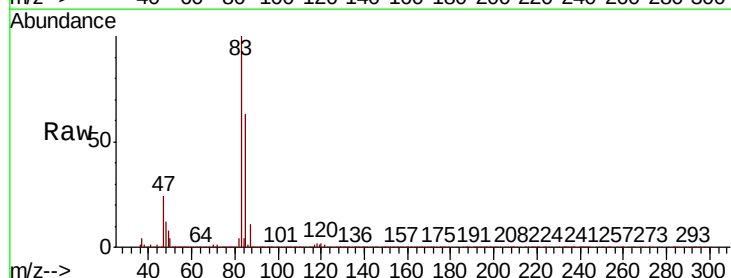
Instrument :
MSVOA_X
ClientSampleId :
14B-1

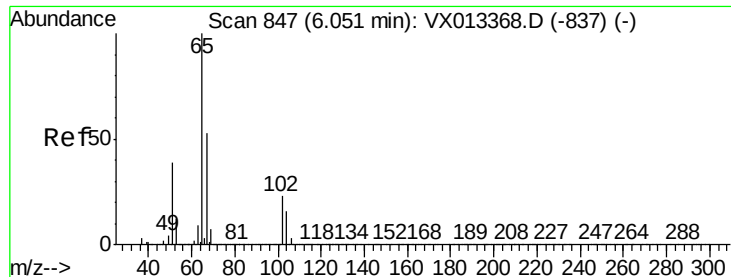
Tot Ion	Ratio	Lower	Upper
128	100		
49	152.9	0.0	388.3
130	126.5	0.0	318.5



#25
Chloroform
Concen: 27.666 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013414.D
Acq: 14 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.4	78.6

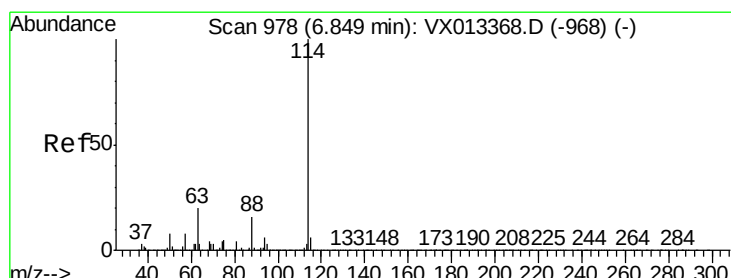
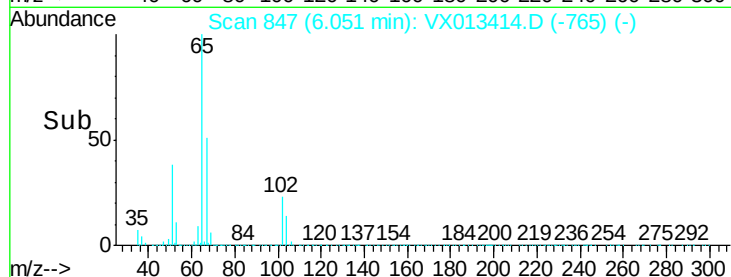
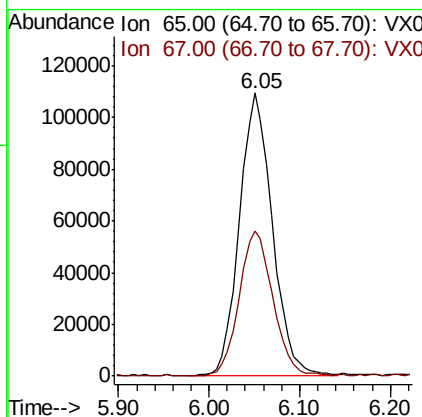
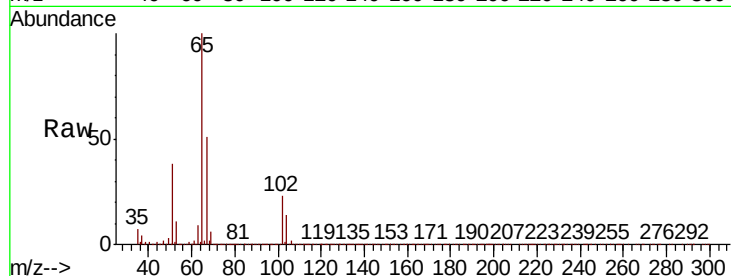




#27
 1,2-Dichloroethane-d4
 Concen: 28.894 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013414.D
 Acq: 14 Nov 2019 12:06

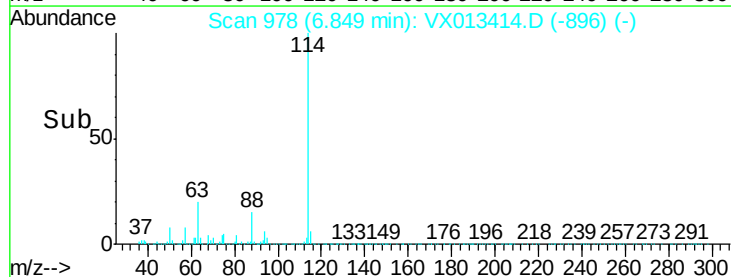
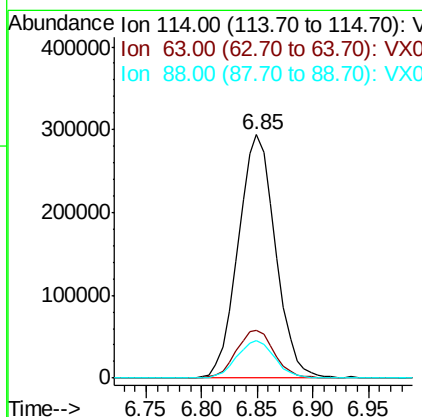
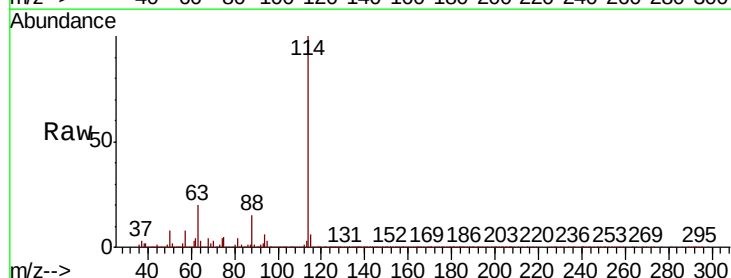
Instrument :
 MSVOA_X
 ClientSampled :
 14B-1

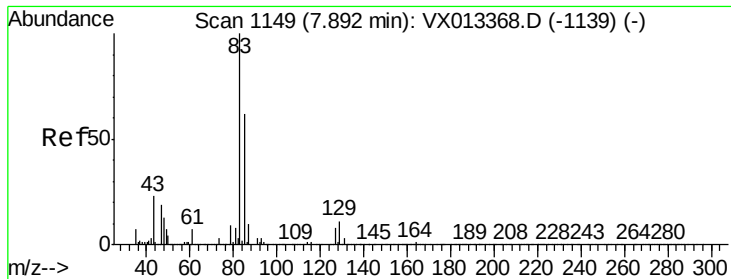
Tot Ion: 65 Resp: 273959
 Ion Ratio Lower Upper
 65 100
 67 52.4 41.0 61.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013414.D
 Acq: 14 Nov 2019 12:06

Tgt Ion: 114 Resp: 679999
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.1 24.1
 88 15.5 12.3 18.5





#41

Bromodichloromethane

Concen: 5.272 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013414.D

Acq: 14 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

14B-1

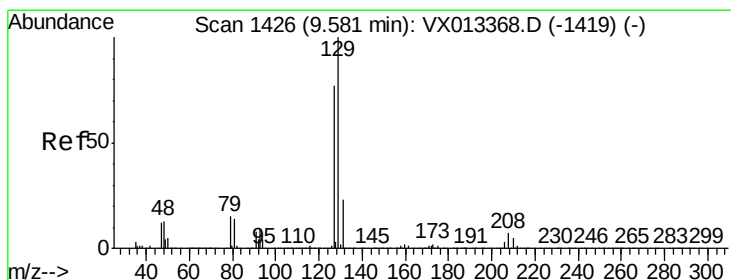
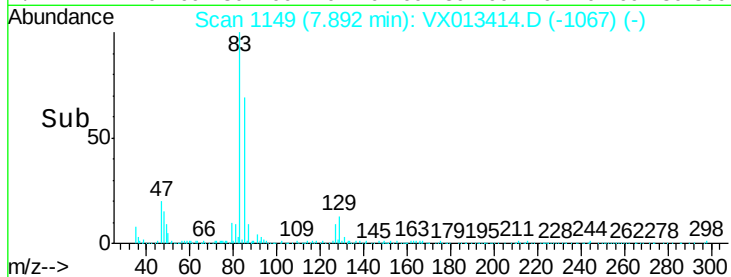
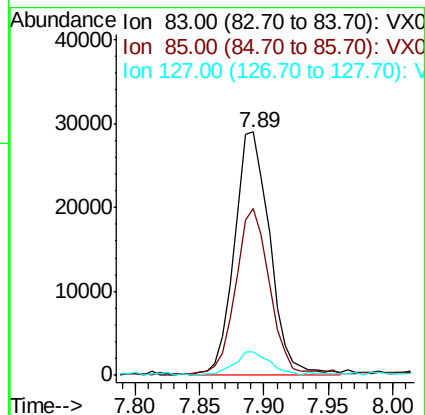
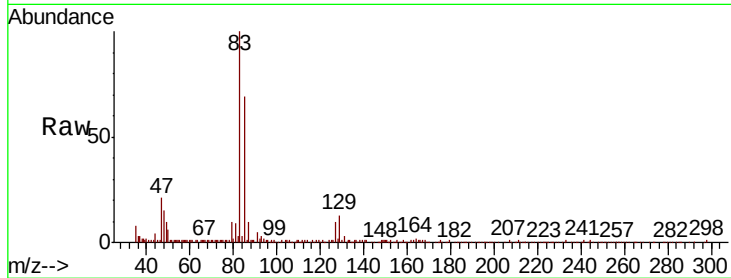
Tot Ion: 83 Resp: 55788

Ion Ratio Lower Upper

83 100

85 68.2 49.3 73.9

127 9.4 6.6 10.0



#53

Dibromochloromethane

Concen: 0.522 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013414.D

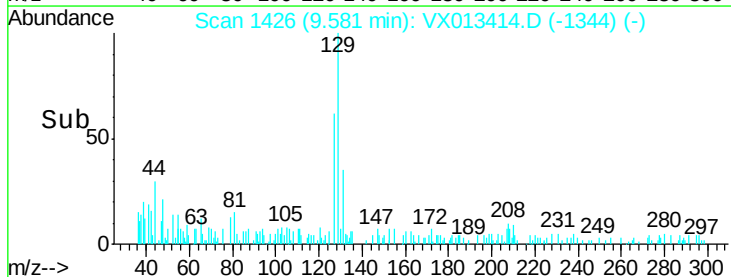
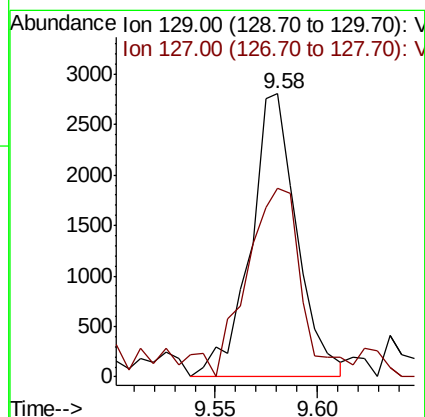
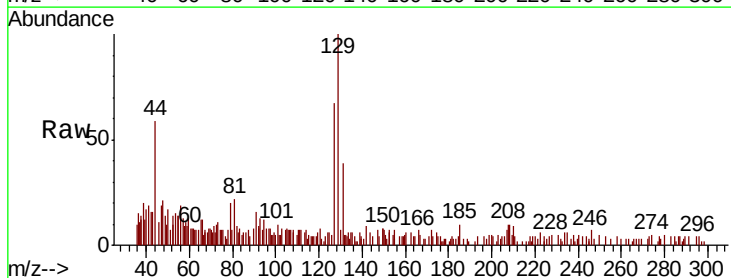
Acq: 14 Nov 2019 12:06

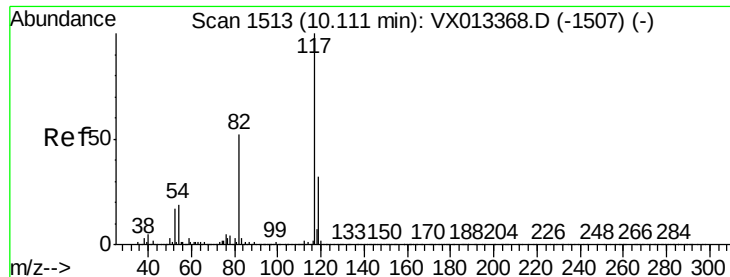
Tgt Ion: 129 Resp: 4439

Ion Ratio Lower Upper

129 100

127 75.1 39.6 119.0

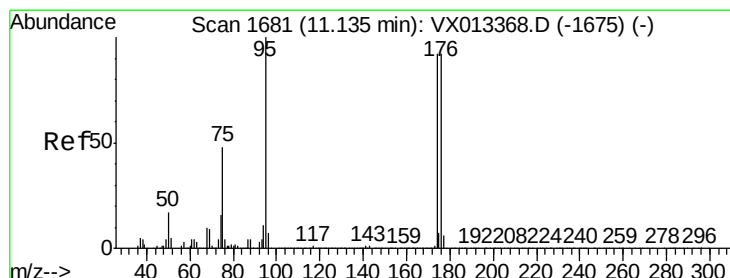
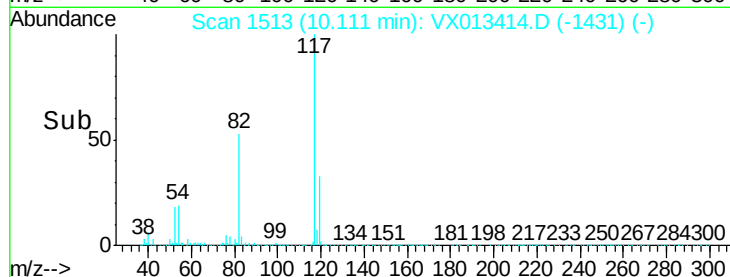
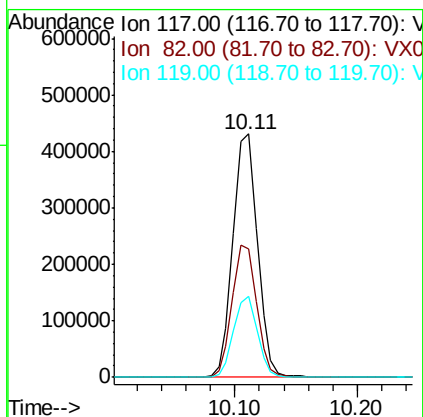
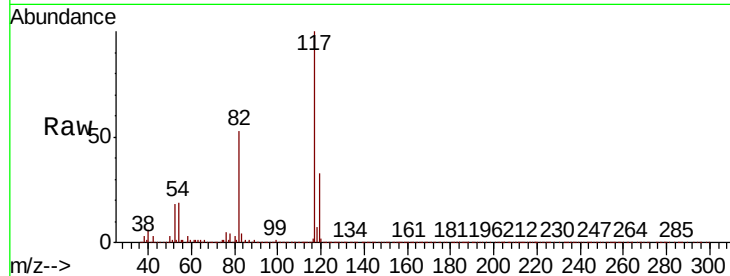




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013414.D
Acq: 14 Nov 2019 12:06

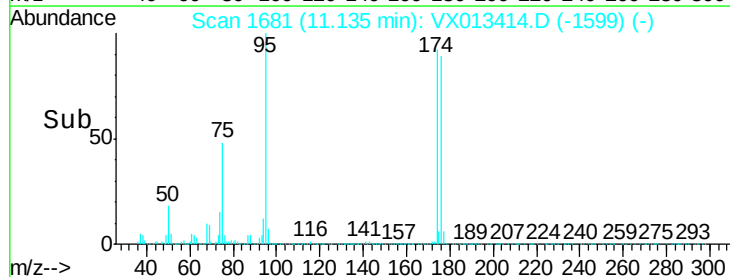
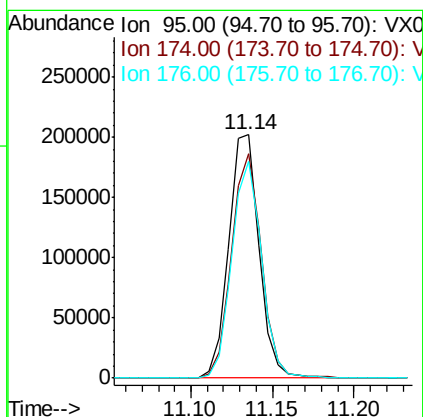
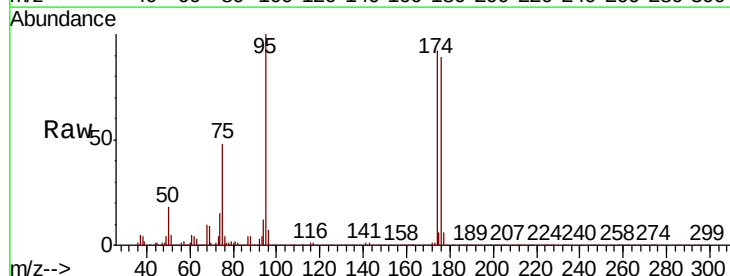
Instrument :
MSVOA_X
ClientSampled :
14B-1

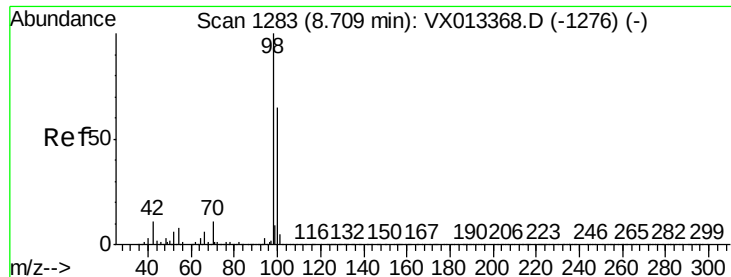
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.7	65.5
119	32.1	25.5	38.3



#60
4-Bromofluorobenzene
Concen: 27.117 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013414.D
Acq: 14 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.1	70.2	105.2
176	87.6	68.3	102.5





#63

Toluene-d8

Concen: 29.900 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013414.D

Acq: 14 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

14B-1

Tot Ion: 98 Resp: 809218

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7

