

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111419\
 Data File : VX013416.D
 Acq On : 14 Nov 2019 12:53
 Operator : JC/SP
 Sample : K5834-03 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-3

Quant Time: Nov 15 08:34:55 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	109852	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	606511	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	532372	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	236386	29.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.13%
60) 4-Bromofluorobenzene	11.13	95	242759	28.37	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.57%
63) Toluene-d8	8.71	98	729151	30.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.97%

Target Compounds

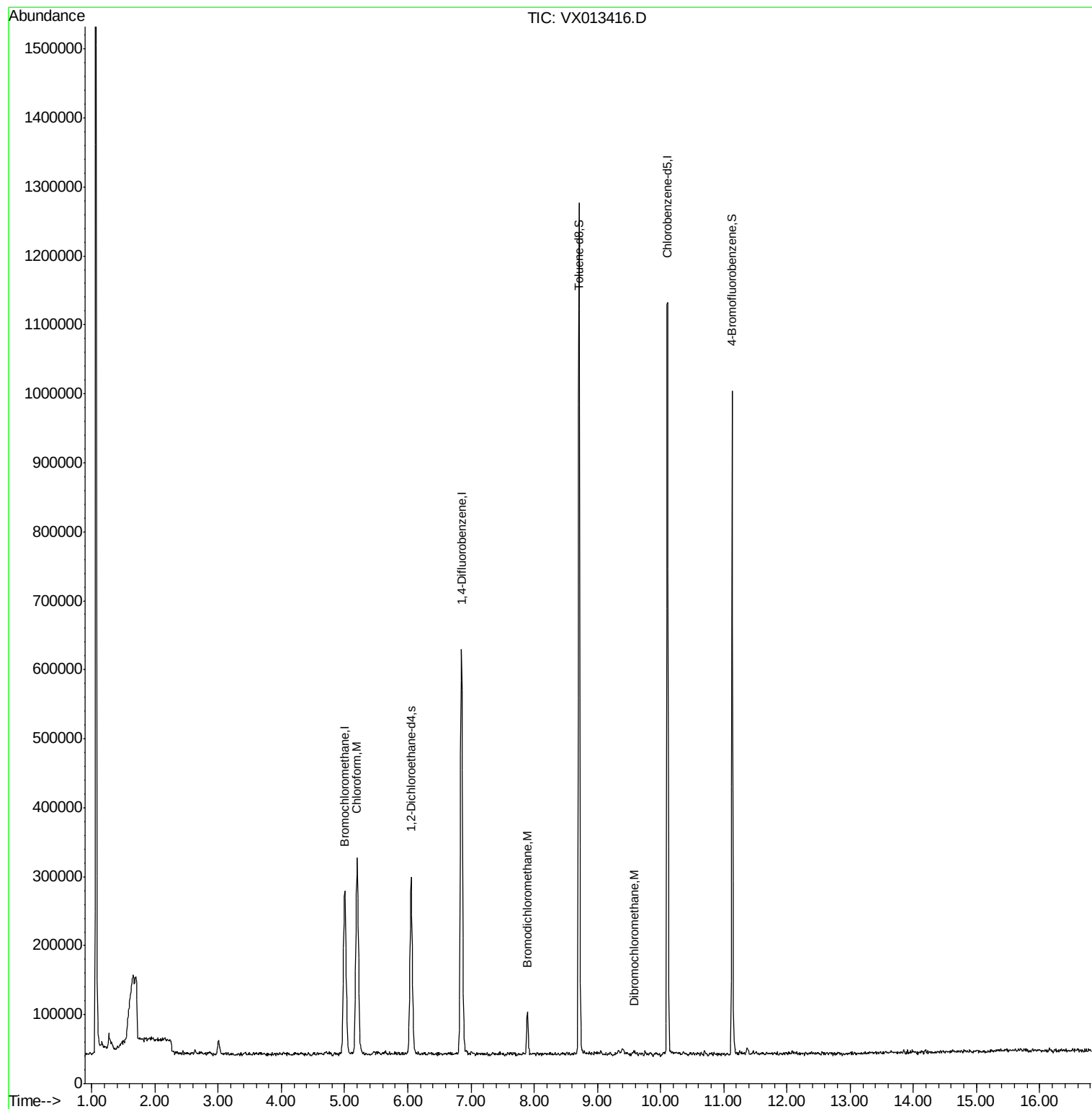
					Ovalue
25) Chloroform	5.20	83	334938	26.136	ug/l 97
41) Bromodichloromethane	7.89	83	41890	4.438	ug/l 96
53) Dibromochloromethane	9.58	129	3464	0.457	ug/l 90

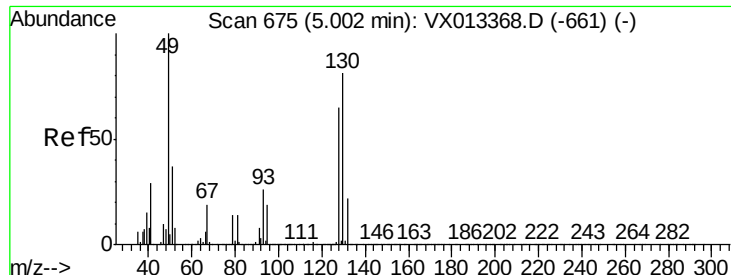
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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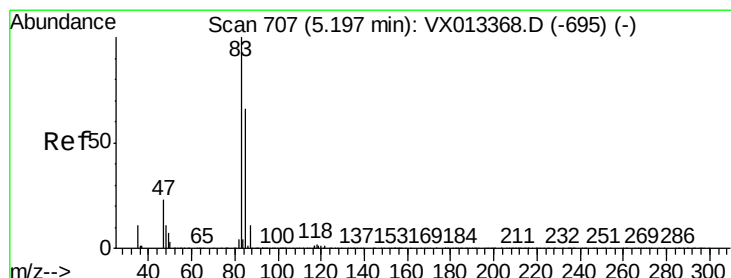
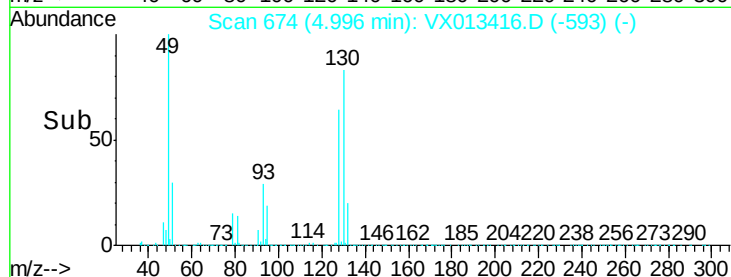
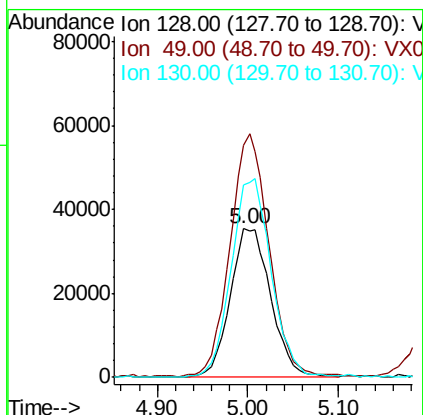
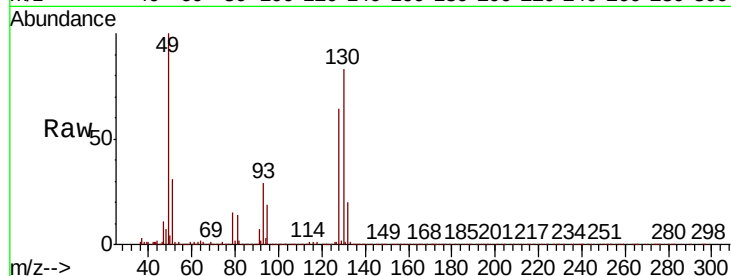




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013416.D
Acq: 14 Nov 2019 12:53

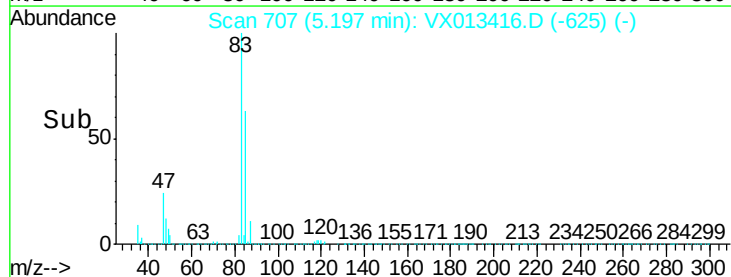
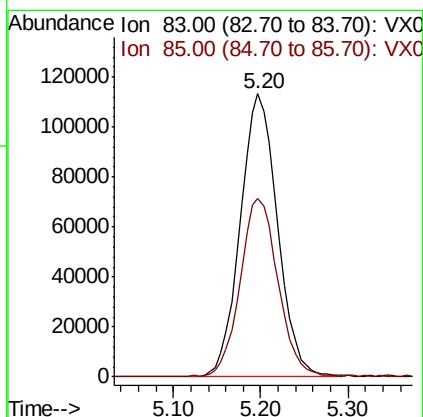
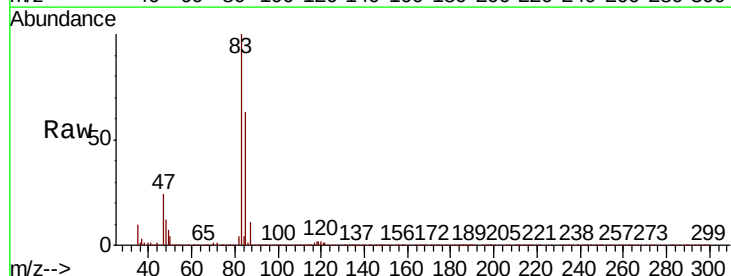
Instrument :
MSVOA_X
ClientSampleId :
14B-3

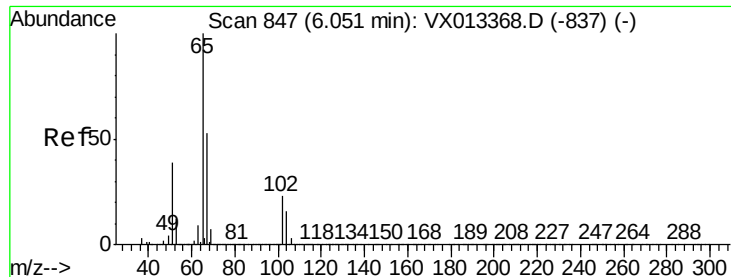
Tot Ion	Ratio	Lower	Upper
128	100		
49	158.9	0.0	388.3
130	131.4	0.0	318.5



#25
Chloroform
Concen: 26.136 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013416.D
Acq: 14 Nov 2019 12:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.4	78.6

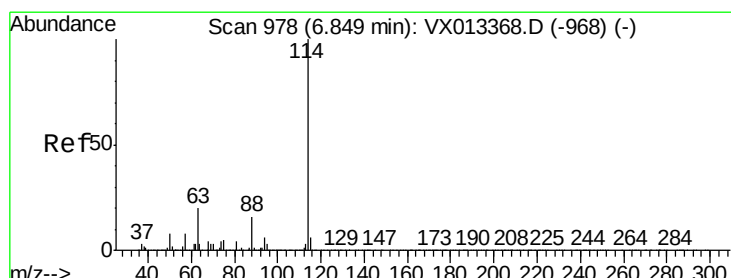
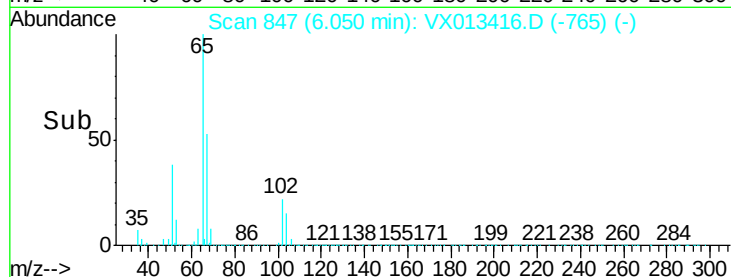
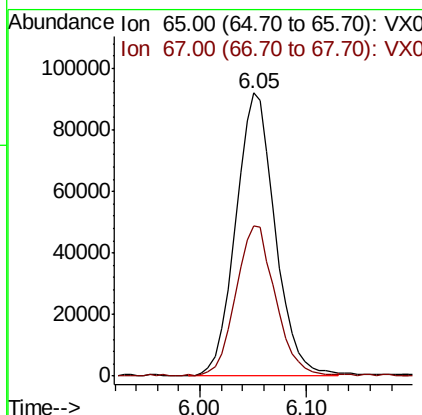
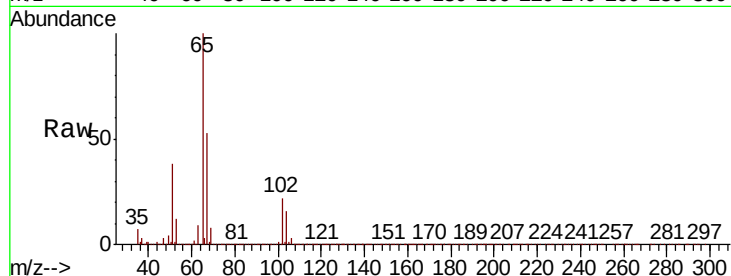




#27
 1,2-Dichloroethane-d4
 Concen: 29.141 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013416.D
 Acq: 14 Nov 2019 12:53

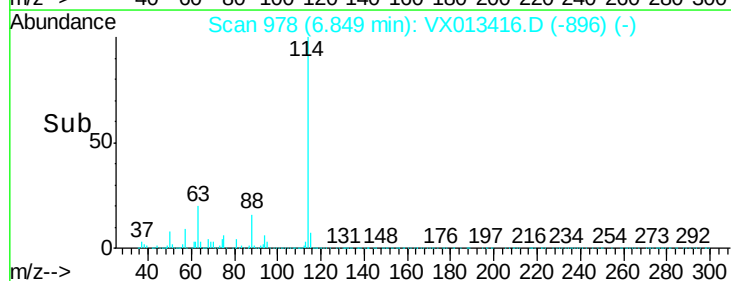
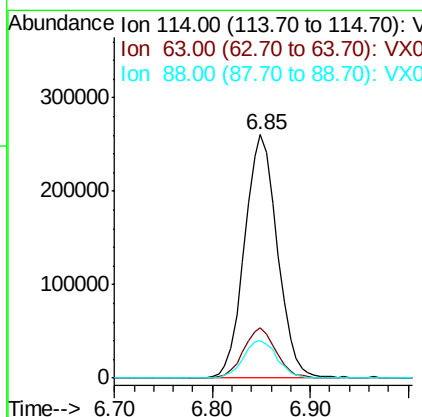
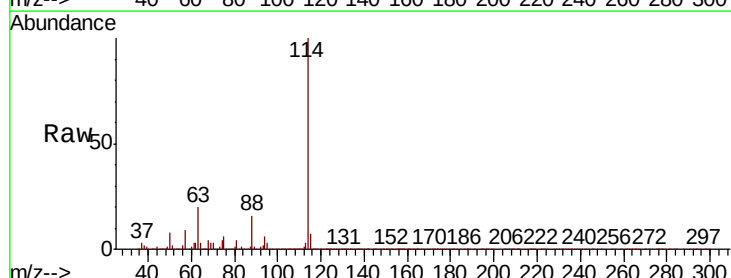
Instrument :
 MSVOA_X
 ClientSampleId :
 14B-3

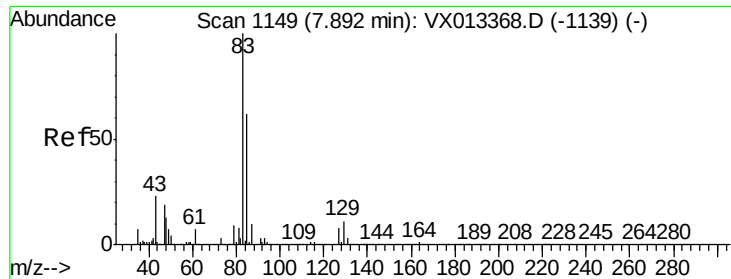
Tot Ion: 65 Resp: 236386
 Ion Ratio Lower Upper
 65 100
 67 53.2 41.0 61.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013416.D
 Acq: 14 Nov 2019 12:53

Tgt Ion: 114 Resp: 606511
 Ion Ratio Lower Upper
 114 100
 63 20.4 16.1 24.1
 88 15.9 12.3 18.5





#41

Bromodichloromethane

Concen: 4.438 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013416.D

Acq: 14 Nov 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

14B-3

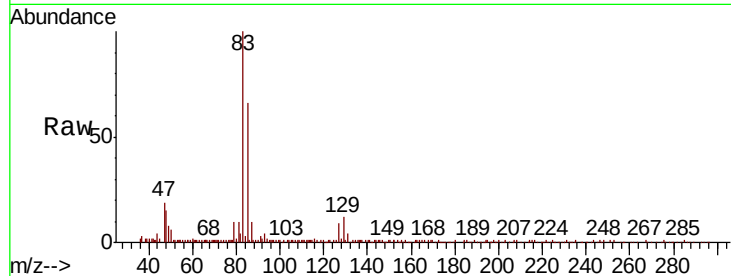
Tot Ion: 83 Resp: 41890

Ion Ratio Lower Upper

83 100

85 64.8 49.3 73.9

127 8.4 6.6 10.0

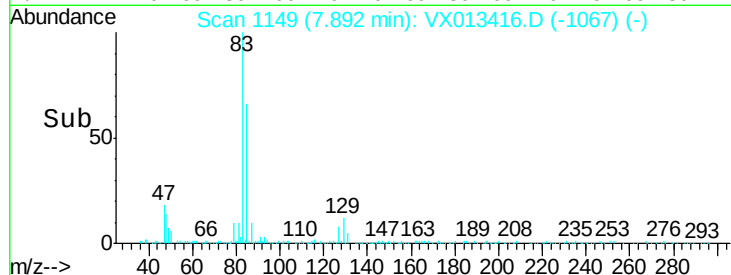


Abundance Ion 83.00 (82.70 to 83.70): VX013368.D (-1139) (-)

Ion 85.00 (84.70 to 85.70): VX013368.D (-1139) (-)

Ion 127.00 (126.70 to 127.70): VX013368.D (-1139) (-)

Time-->

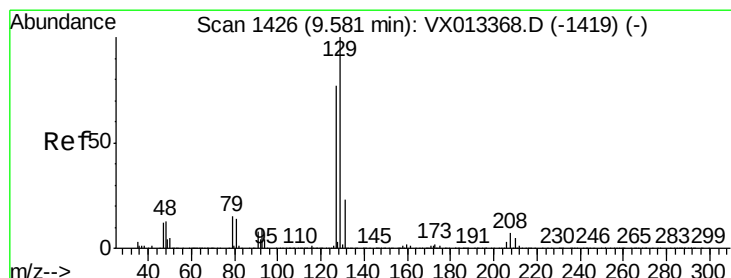


Abundance Ion 83.00 (82.70 to 83.70): VX013416.D (-1067) (-)

Ion 85.00 (84.70 to 85.70): VX013416.D (-1067) (-)

Ion 127.00 (126.70 to 127.70): VX013416.D (-1067) (-)

Time-->



#53

Dibromochloromethane

Concen: 0.457 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX013416.D

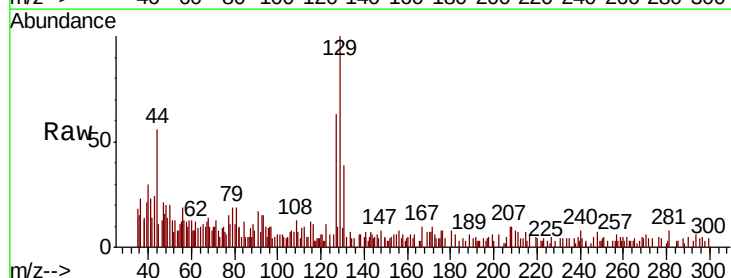
Acq: 14 Nov 2019 12:53

Tgt Ion: 129 Resp: 3464

Ion Ratio Lower Upper

129 100

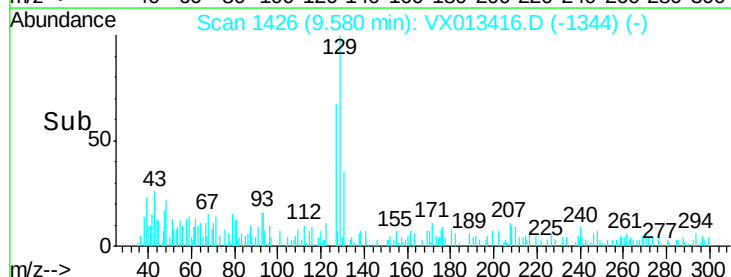
127 70.2 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): VX013368.D (-1419) (-)

Ion 127.00 (126.70 to 127.70): VX013368.D (-1419) (-)

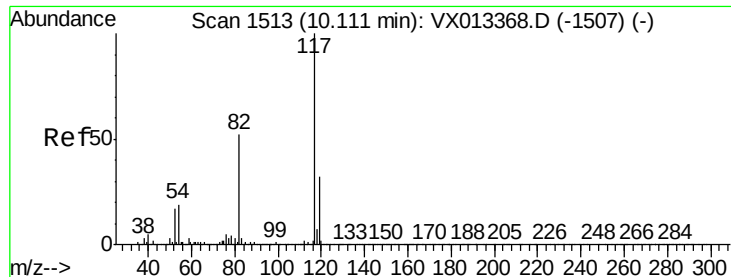
Time-->



Abundance Ion 129.00 (128.70 to 129.70): VX013416.D (-1344) (-)

Ion 127.00 (126.70 to 127.70): VX013416.D (-1344) (-)

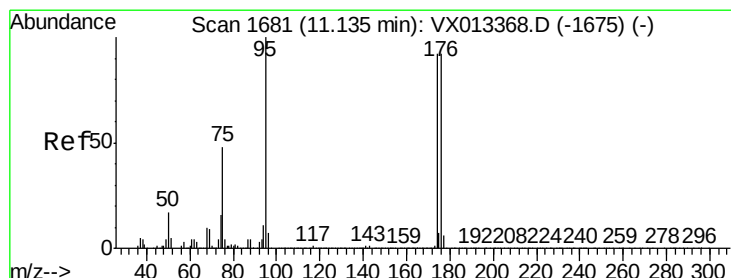
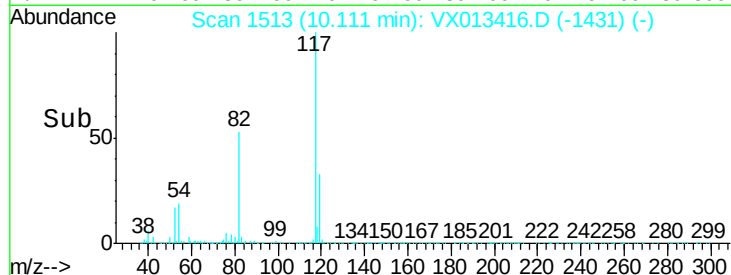
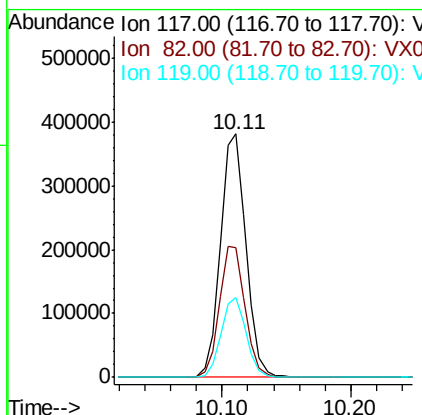
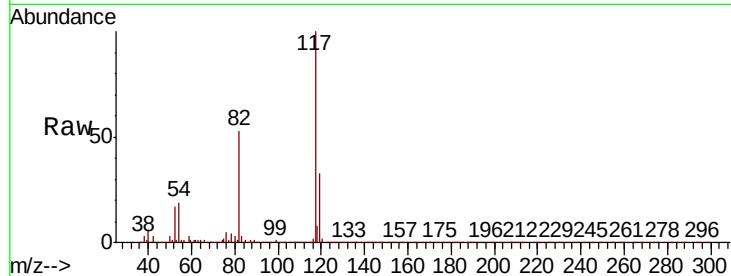
Time-->



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013416.D
Acq: 14 Nov 2019 12:53

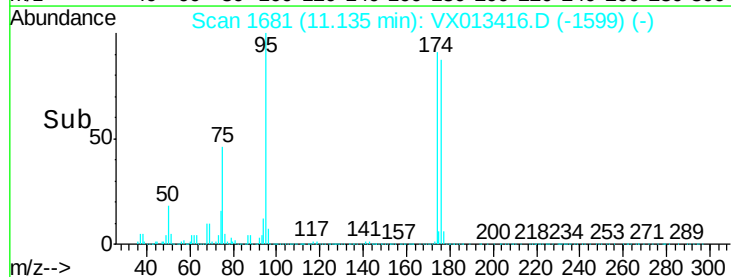
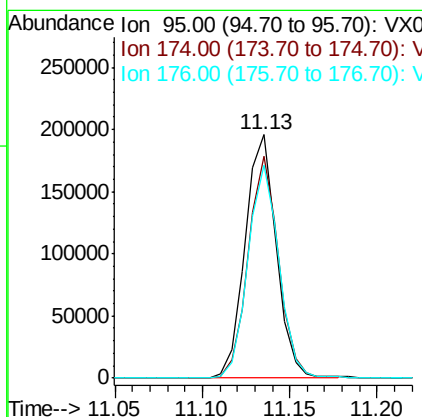
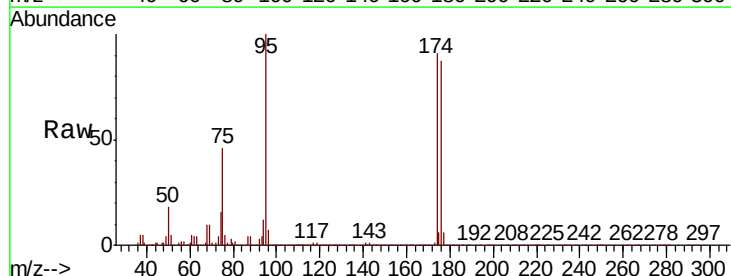
Instrument :
MSVOA_X
ClientSampled :
14B-3

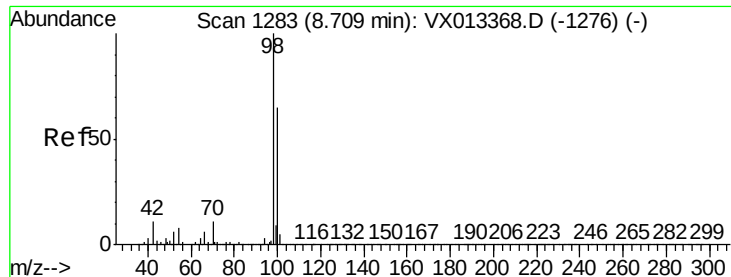
Tot Ion:117 Resp: 532372
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 32.3 25.5 38.3



#60
4-Bromofluorobenzene
Concen: 28.371 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013416.D
Acq: 14 Nov 2019 12:53

Tgt Ion: 95 Resp: 242759
Ion Ratio Lower Upper
95 100
174 88.7 70.2 105.2
176 86.5 68.3 102.5





#63

Toluene-d8

Concen: 30.288 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013416.D

Acq: 14 Nov 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

14B-3

Tot Ion: 98 Resp: 729151

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7

