

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013782.D
 Acq On : 05 Dec 2019 18:00
 Operator : JC/SP
 Sample : K6178-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 391203051.1

Quant Time: Dec 06 03:33:03 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	5.01	128	101186	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	567093	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	491856	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	217194	29.07	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.90%
60) 4-Bromofluorobenzene	11.13	95	226274	28.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.40%
63) Toluene-d8	8.71	98	669687	30.11	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.37%

Target Compounds

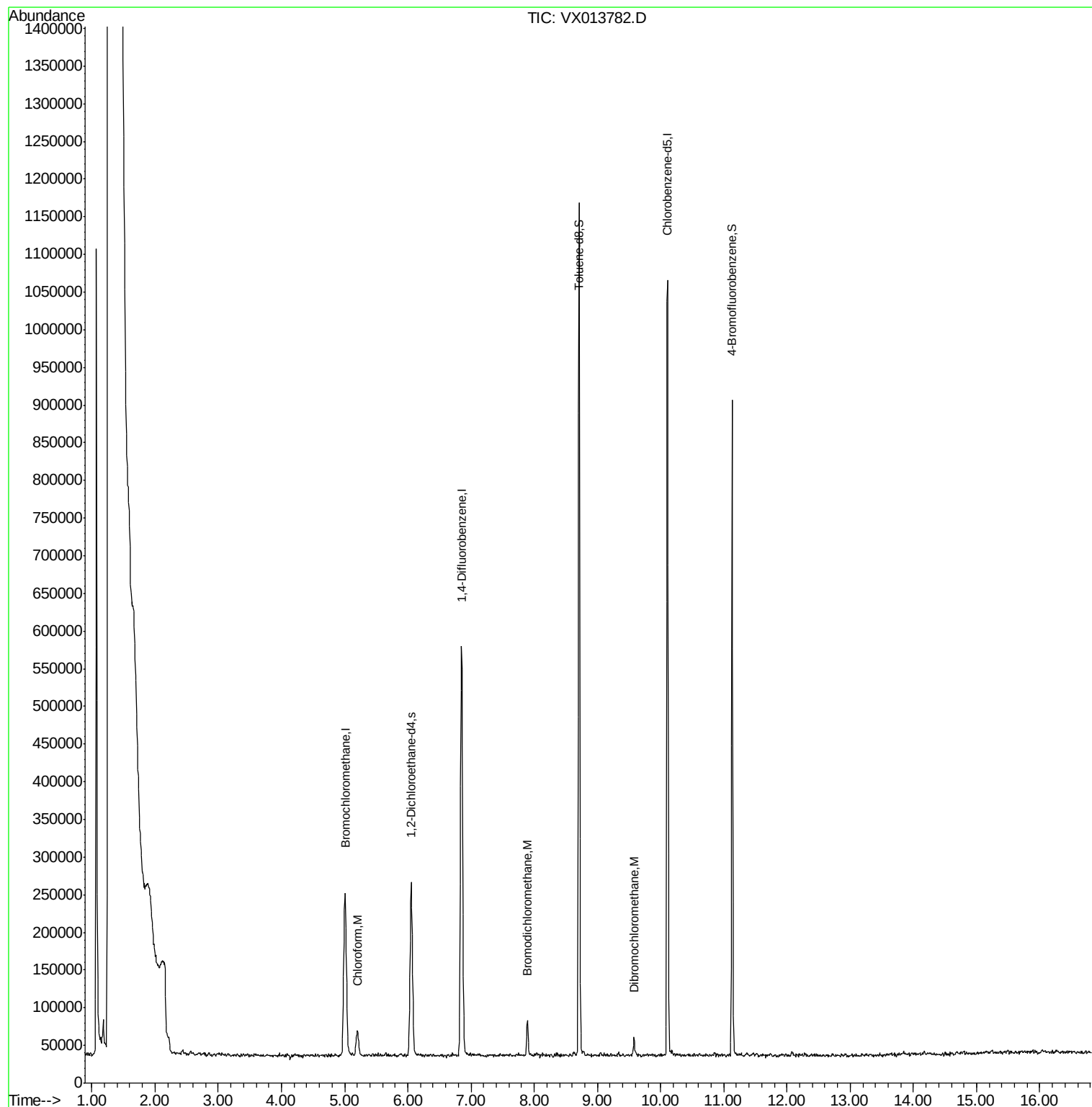
					Ovalue
25) Chloroform	5.20	83	39810	3.373 ug/l	95
41) Bromodichloromethane	7.89	83	29534	3.346 ug/l	99
53) Dibromochloromethane	9.58	129	11987	1.691 ug/l	99

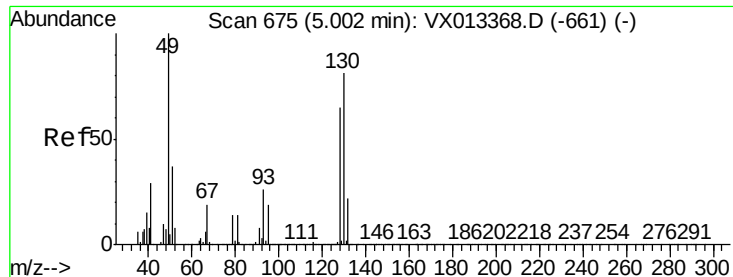
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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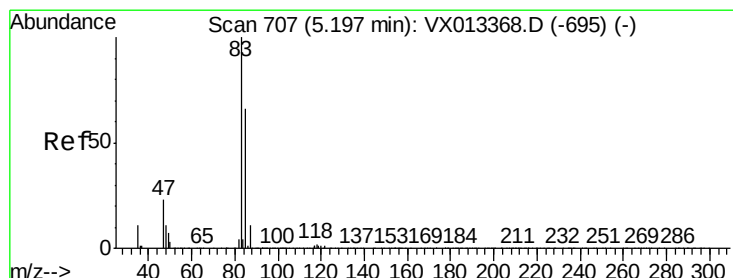
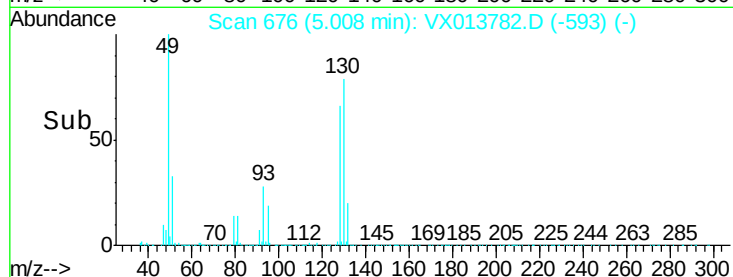
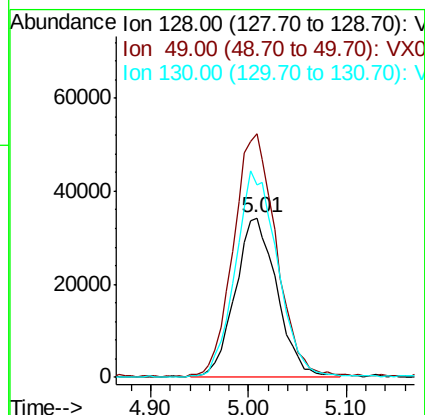
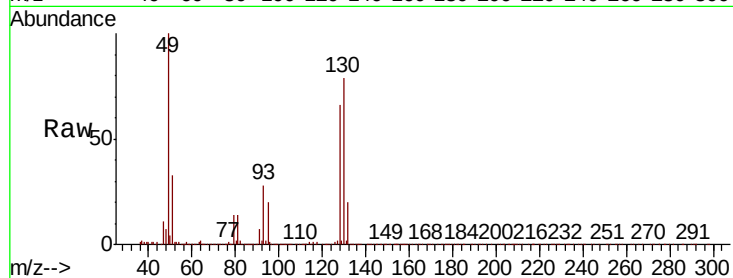




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX013782.D
 Acq: 05 Dec 2019 18:00

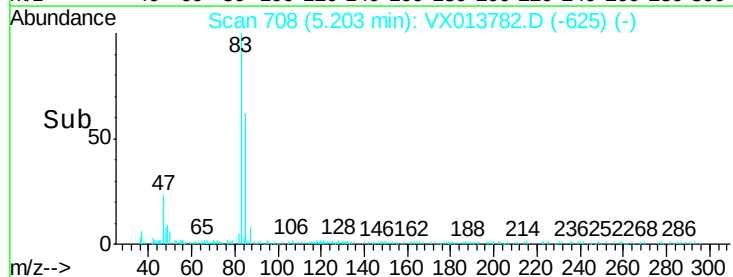
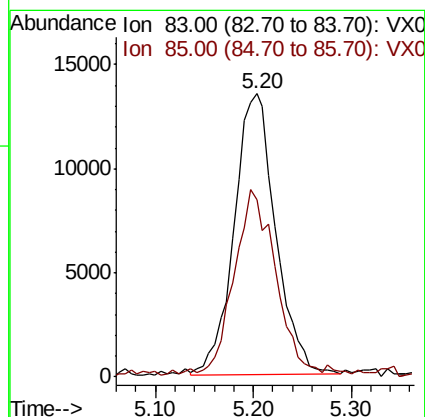
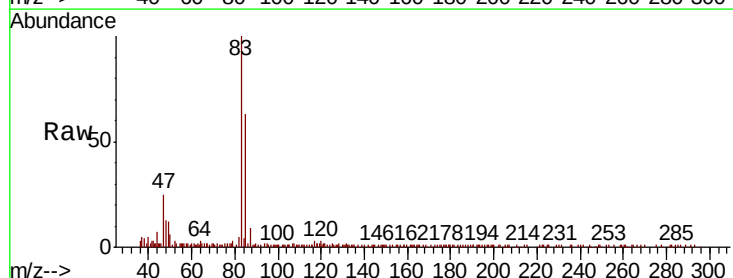
Instrument :
 MSVOA_X
 ClientSampleId :
 391203051.1

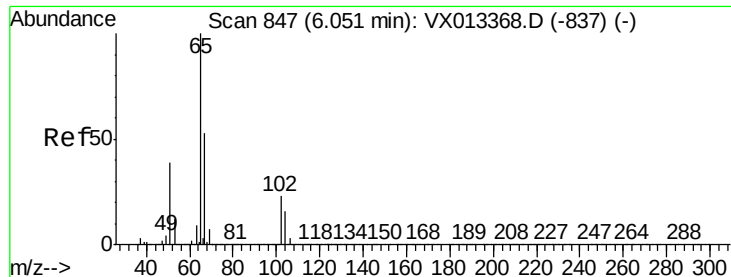
Tot Ion:128 Resp: 101186
 Ion Ratio Lower Upper
 128 100
 49 156.8 0.0 388.3
 130 131.6 0.0 318.5



#25
 Chloroform
 Concen: 3.373 ug/l
 RT: 5.20 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VX013782.D
 Acq: 05 Dec 2019 18:00

Tgt Ion: 83 Resp: 39810
 Ion Ratio Lower Upper
 83 100
 85 61.6 52.4 78.6





#27

1,2-Dichloroethane-d4

Concen: 29.069 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013782.D

Acq: 05 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

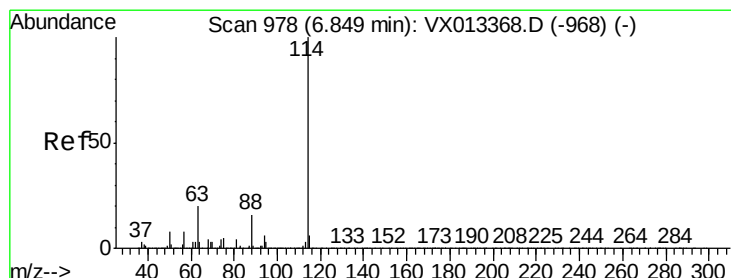
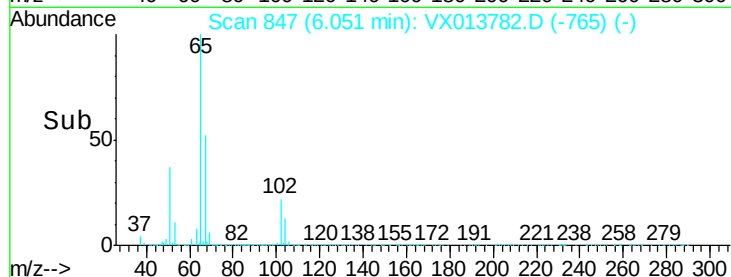
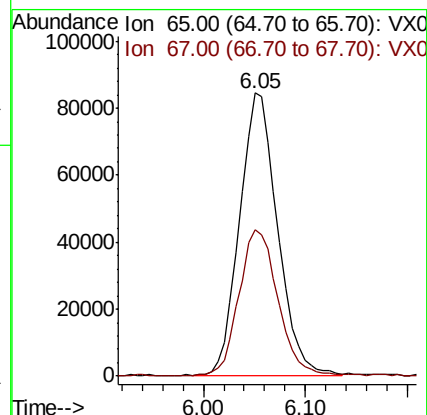
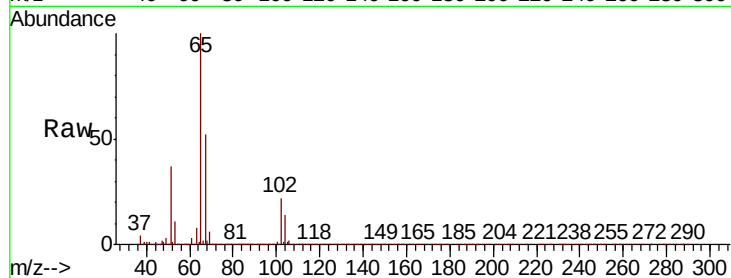
391203051.1

Tot Ion: 65 Resp: 217194

Ion Ratio Lower Upper

65 100

67 53.3 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: VX013782.D

Acq: 05 Dec 2019 18:00

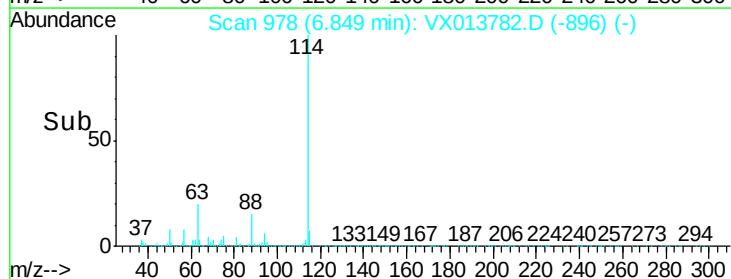
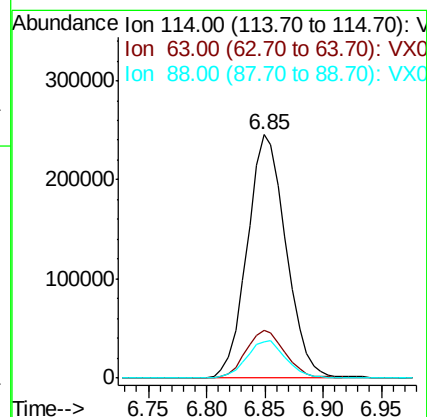
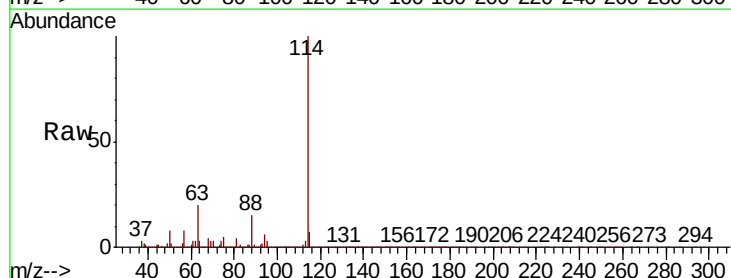
Tgt Ion: 114 Resp: 567093

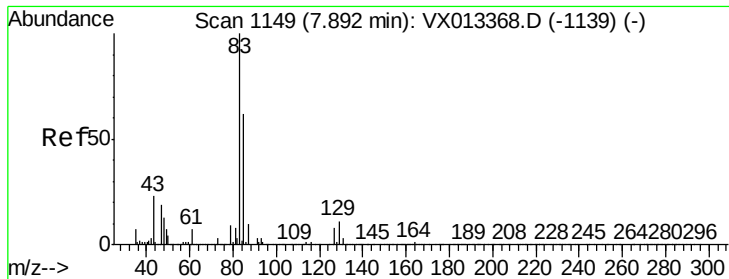
Ion Ratio Lower Upper

114 100

63 19.8 16.1 24.1

88 15.4 12.3 18.5





#41

Bromodichloromethane

Concen: 3.346 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013782.D

Acq: 05 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

391203051.1

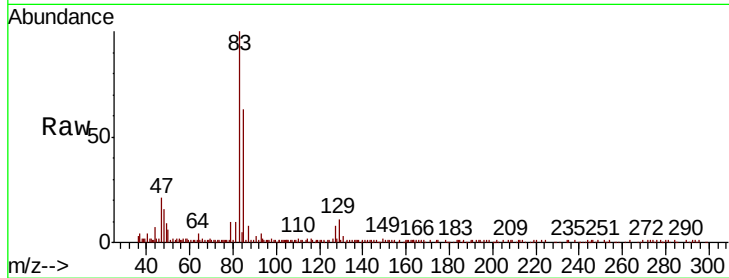
Tot Ion: 83 Resp: 29534

Ion Ratio Lower Upper

83 100

85 62.6 49.3 73.9

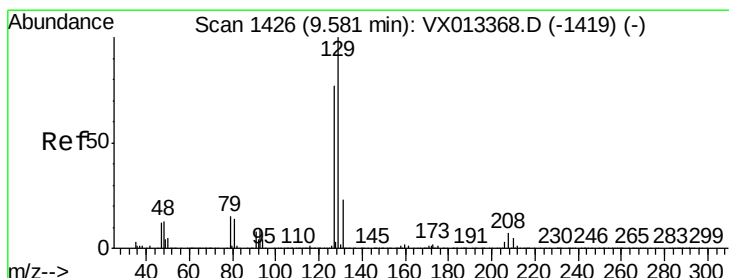
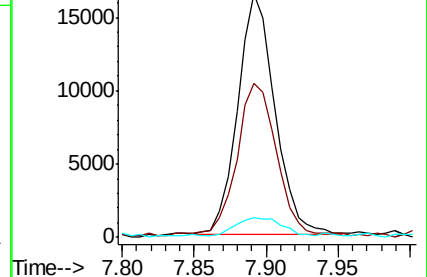
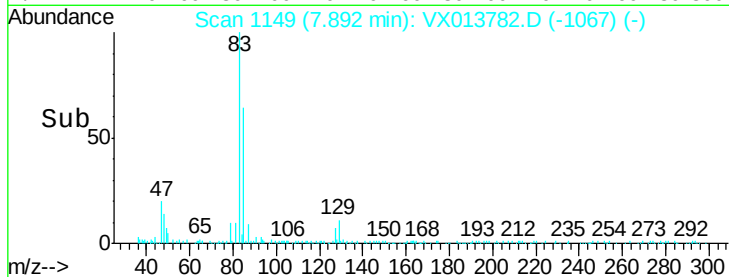
127 7.2 6.6 10.0



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) (-)



#53

Dibromochloromethane

Concen: 1.691 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX013782.D

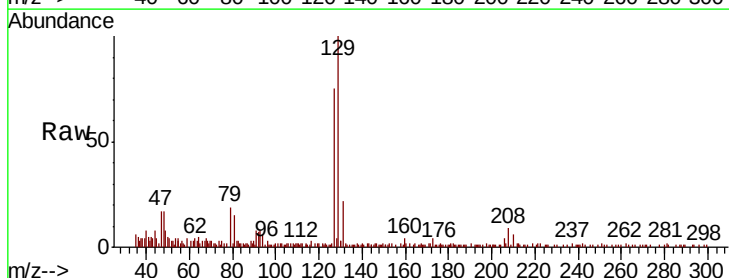
Acq: 05 Dec 2019 18:00

Tgt Ion: 129 Resp: 11987

Ion Ratio Lower Upper

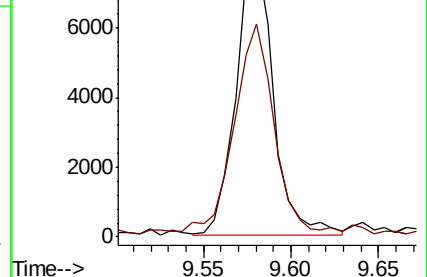
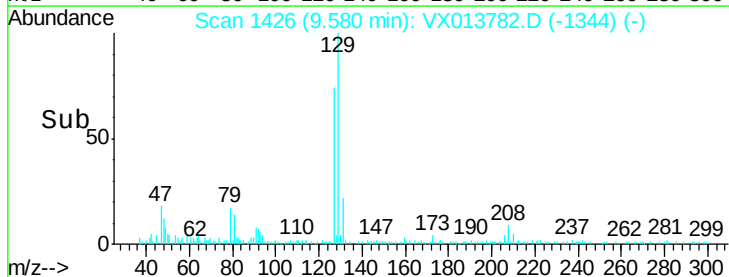
129 100

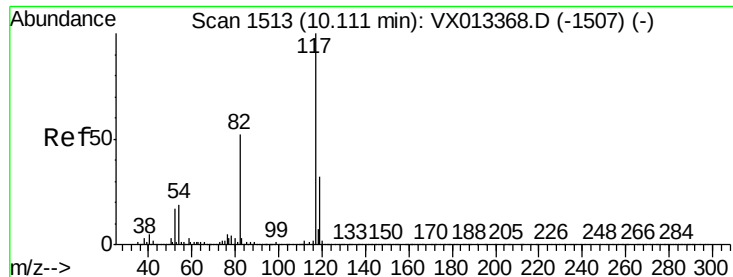
127 78.7 39.6 119.0



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

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

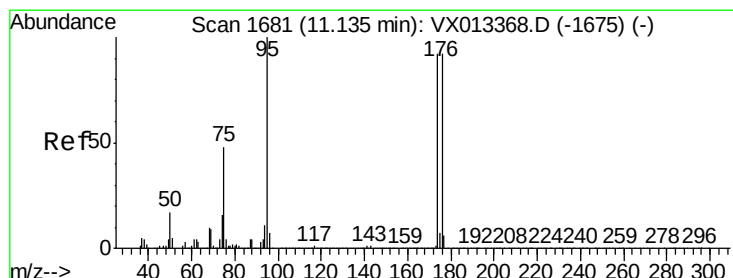
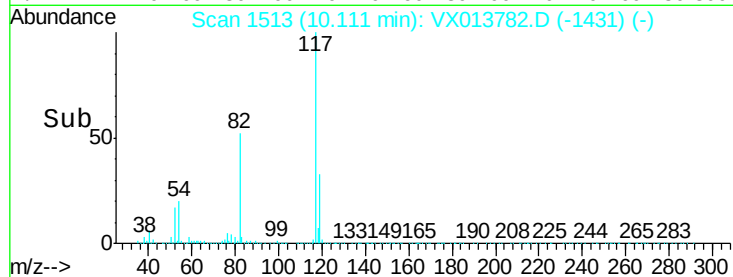
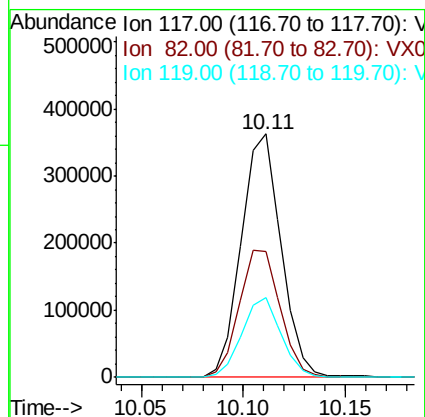
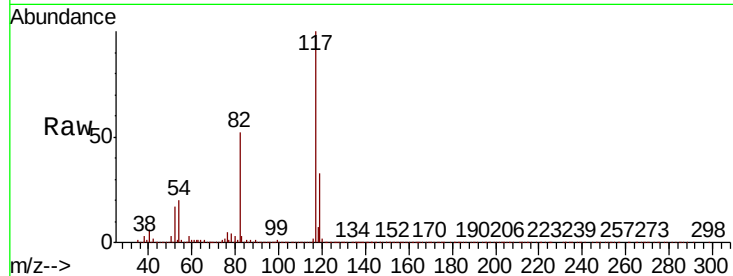




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013782.D
Acq: 05 Dec 2019 18:00

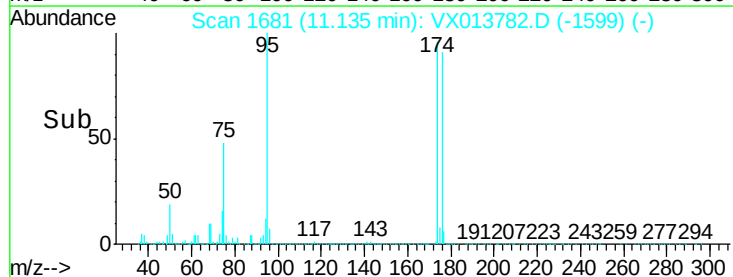
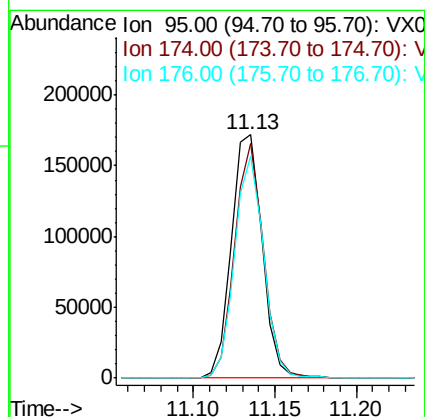
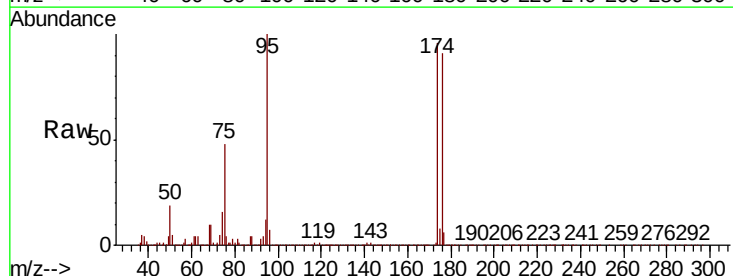
Instrument :
MSVOA_X
ClientSampleId :
391203051.1

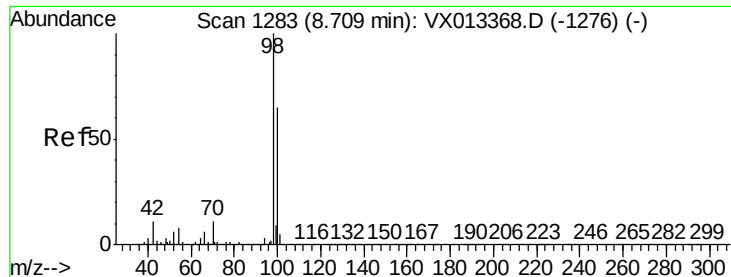
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.7	65.5
119	32.4	25.5	38.3



#60
4-Bromofluorobenzene
Concen: 28.622 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013782.D
Acq: 05 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.6	70.2	105.2
176	86.3	68.3	102.5





#63

Toluene-d8

Concen: 30.110 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013782.D

Acq: 05 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

391203051.1

Tot Ion: 98 Resp: 669687

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

