

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013654.D
 Acq On : 27 Nov 2019 16:09
 Operator : JC/SP
 Sample : K5960-01 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

Quant Time: Dec 02 04:57:34 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	107690	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	611521	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	533753	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	232569	29.25	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.50%
60) 4-Bromofluorobenzene	11.13	95	237809	27.72	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.40%
63) Toluene-d8	8.71	98	714721	29.61	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.70%

Target Compounds

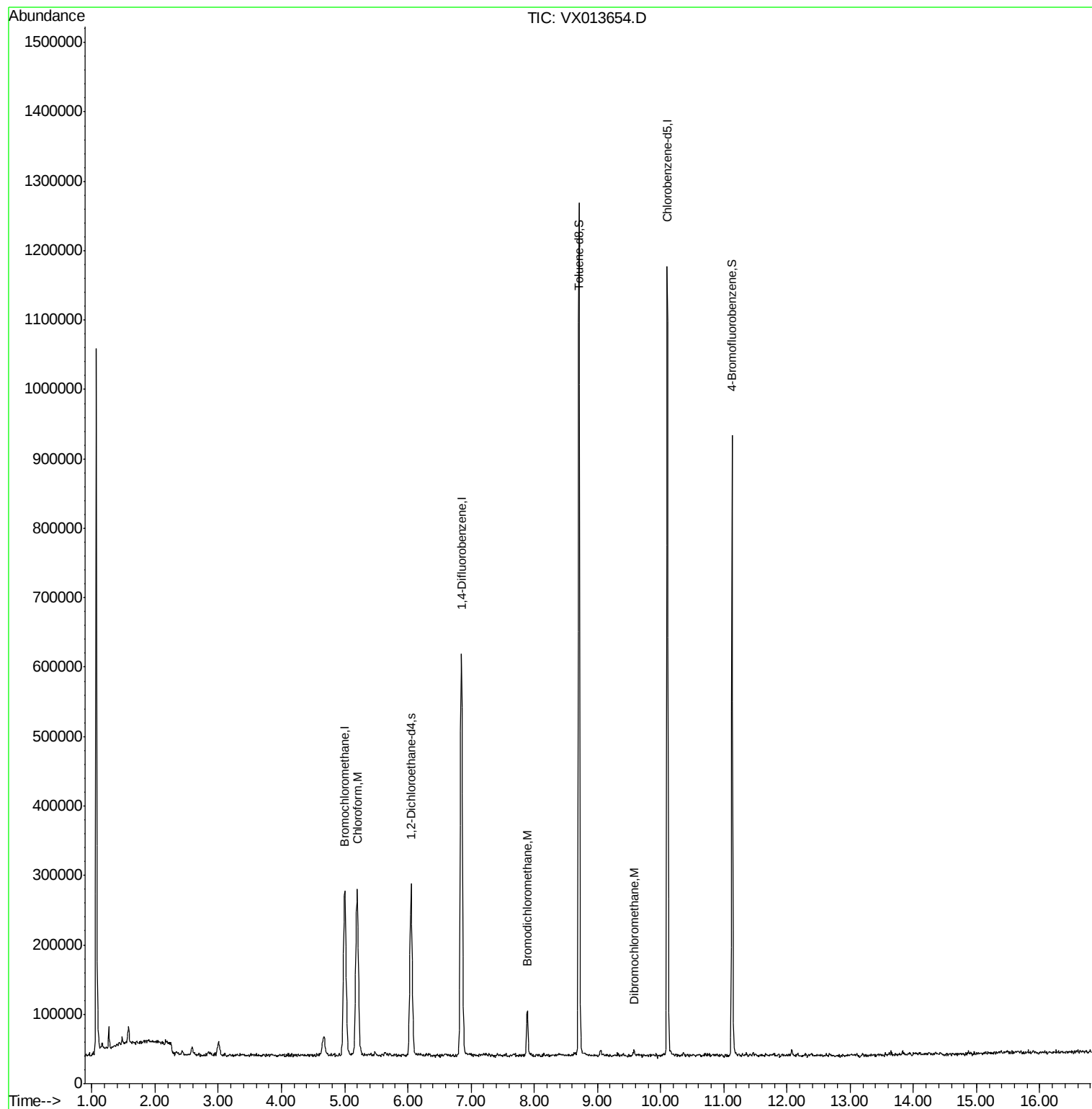
					Ovalue
25) Chloroform	5.20	83	284479	22.644 ug/l	96
41) Bromodichloromethane	7.89	83	42966	4.515 ug/l	98
53) Dibromochloromethane	9.57	129	3524	0.461 ug/l	98

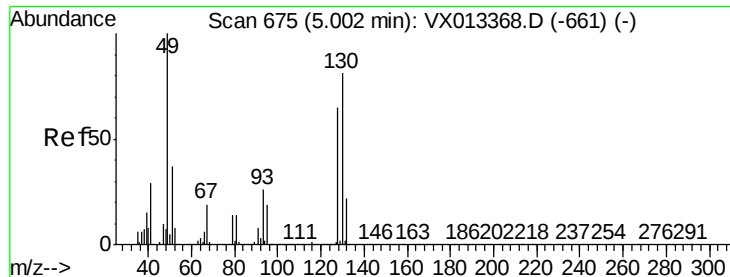
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 01:16:13 2019
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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: VX013654.D

Acq: 27 Nov 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

14B-1

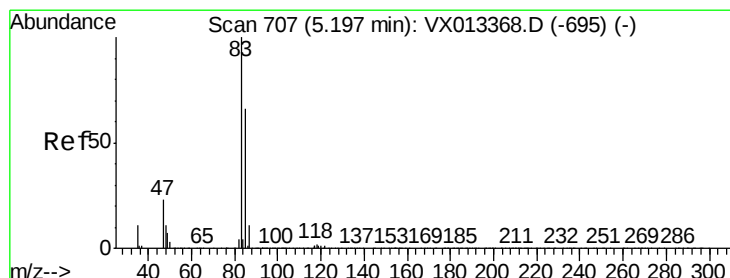
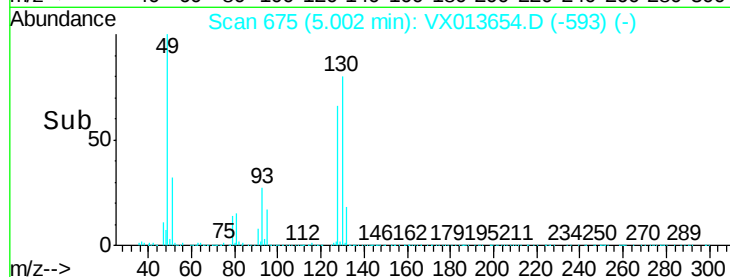
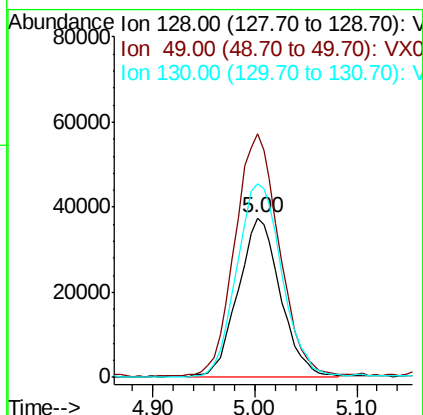
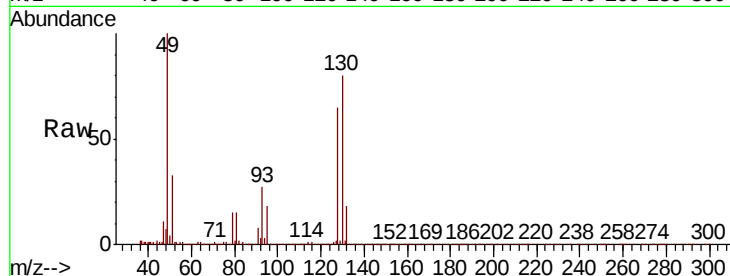
Tot Ion:128 Resp: 107690

Ion Ratio Lower Upper

128 100

49 160.0 0.0 388.3

130 130.7 0.0 318.5



#25

Chloroform

Concen: 22.644 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013654.D

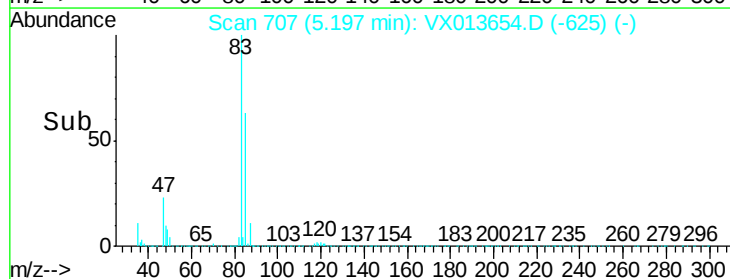
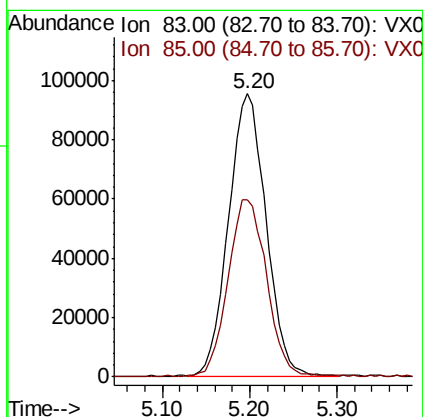
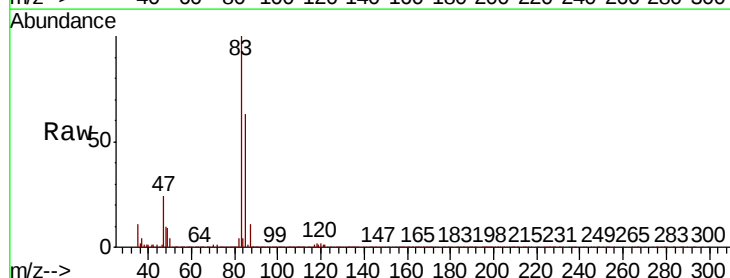
Acq: 27 Nov 2019 16:09

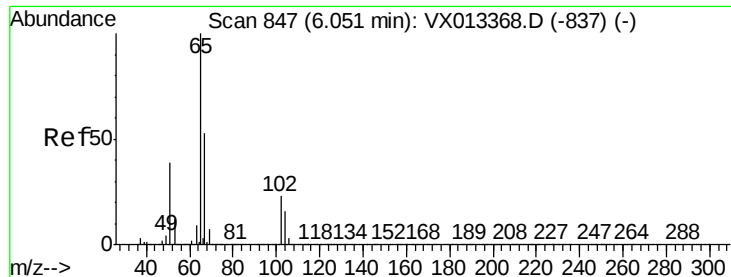
Tgt Ion: 83 Resp: 284479

Ion Ratio Lower Upper

83 100

85 62.3 52.4 78.6





#27

1,2-Dichloroethane-d4

Concen: 29.246 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013654.D

Acq: 27 Nov 2019 16:09

Instrument :

MSVOA_X

ClientSampled :

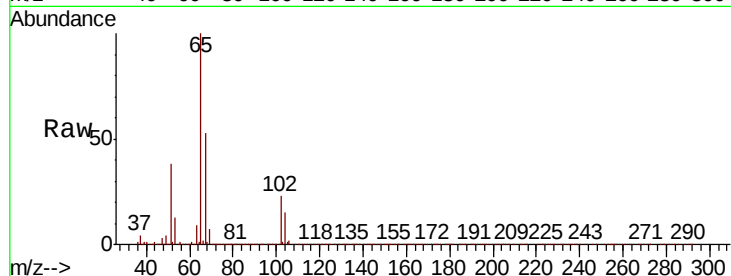
14B-1

Tot Ion: 65 Resp: 232569

Ion Ratio Lower Upper

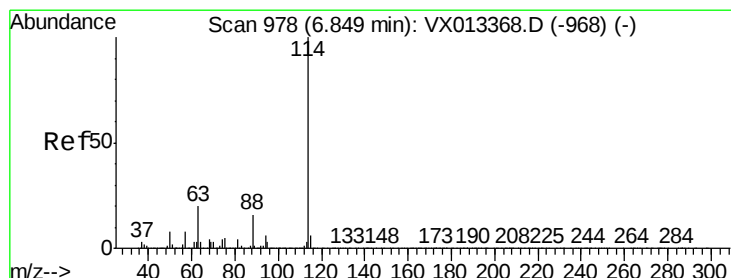
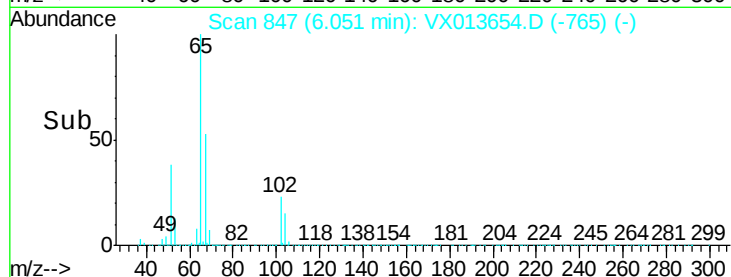
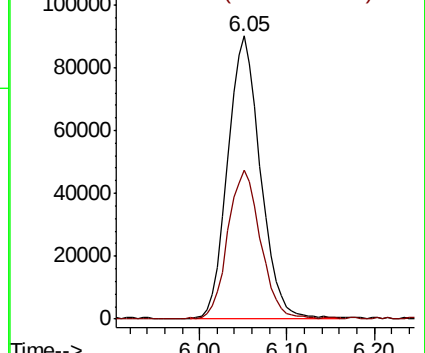
65 100

67 52.0 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013654.D

Acq: 27 Nov 2019 16:09

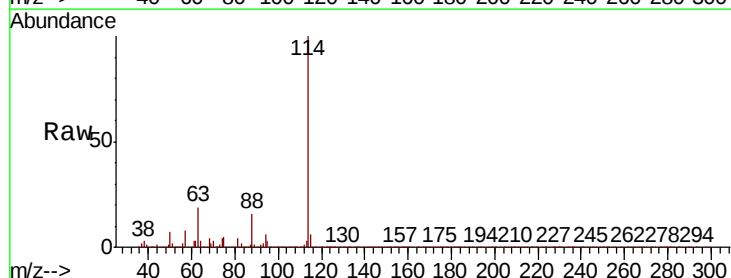
Tgt Ion: 114 Resp: 611521

Ion Ratio Lower Upper

114 100

63 19.7 16.1 24.1

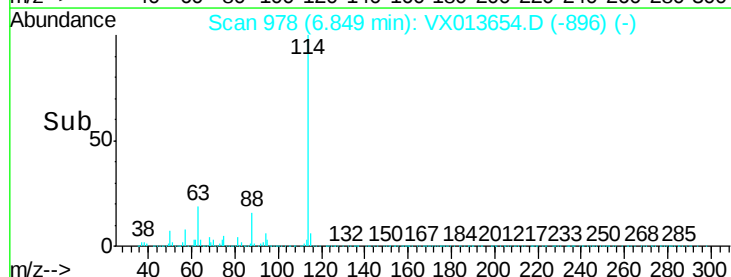
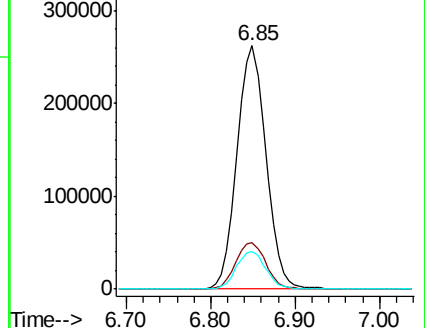
88 15.4 12.3 18.5

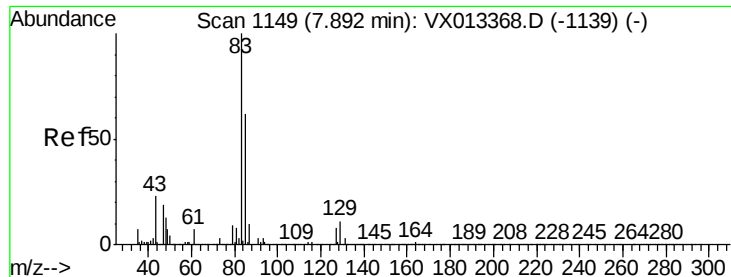


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#41

Bromodichloromethane

Concen: 4.515 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013654.D

Acq: 27 Nov 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

14B-1

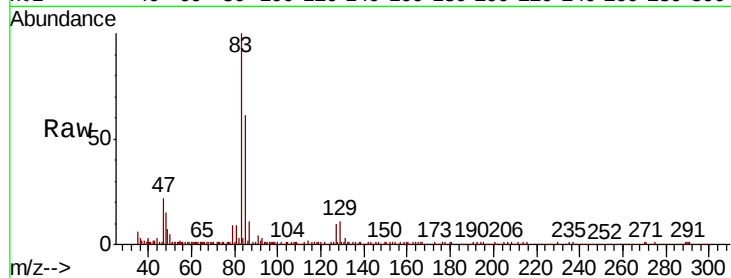
Tot Ion: 83 Resp: 42966

Ion Ratio Lower Upper

83 100

85 60.3 49.3 73.9

127 9.2 6.6 10.0

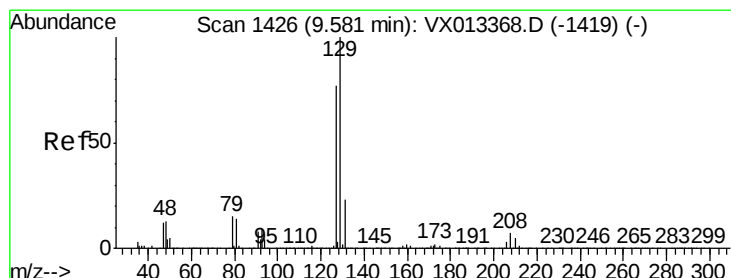
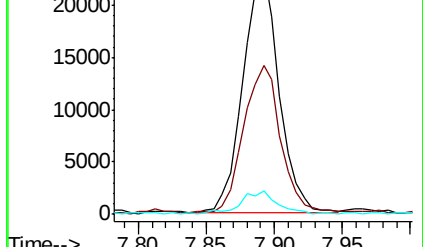
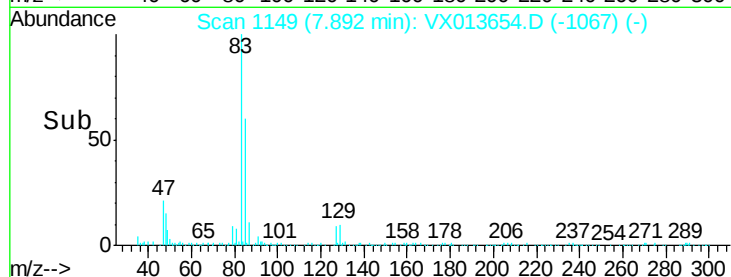


Abundance Ion 83.00 (82.70 to 83.70): VX013368.D (-1139) (-)

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

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

Time-->



#53

Dibromochloromethane

Concen: 0.461 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013654.D

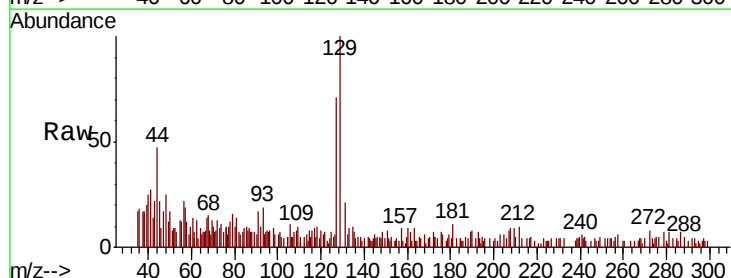
Acq: 27 Nov 2019 16:09

Tgt Ion: 129 Resp: 3524

Ion Ratio Lower Upper

129 100

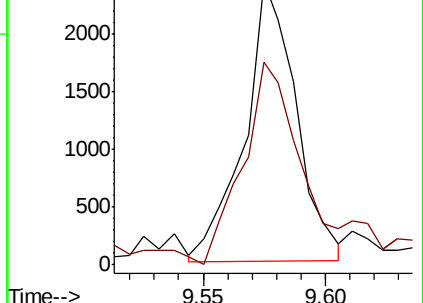
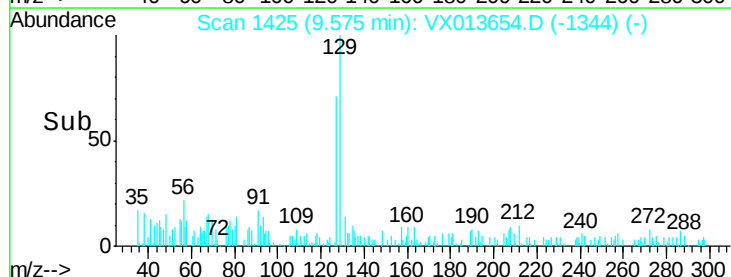
127 81.0 39.6 119.0

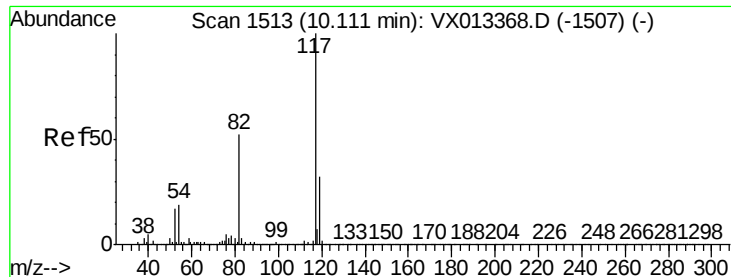


Abundance Ion 129.00 (128.70 to 129.70): VX013368.D (-1419) (-)

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

Time-->

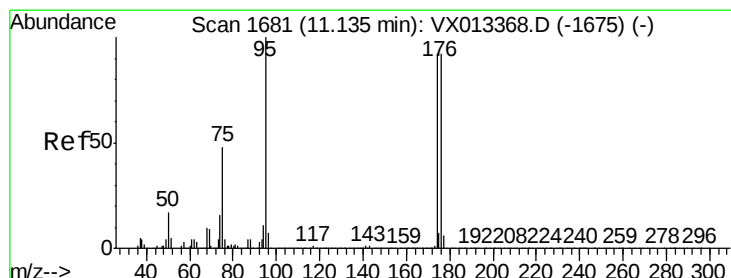
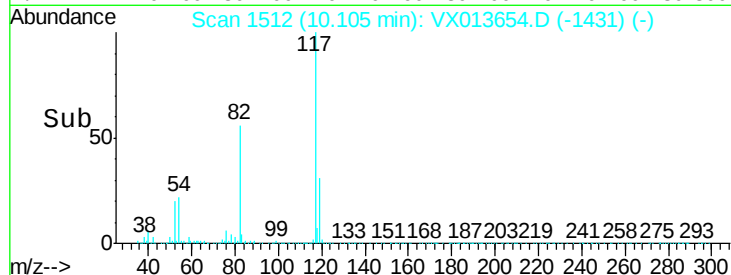
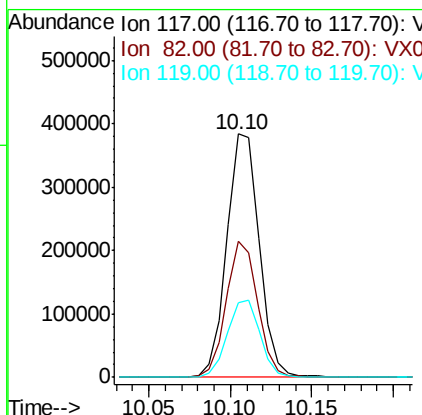
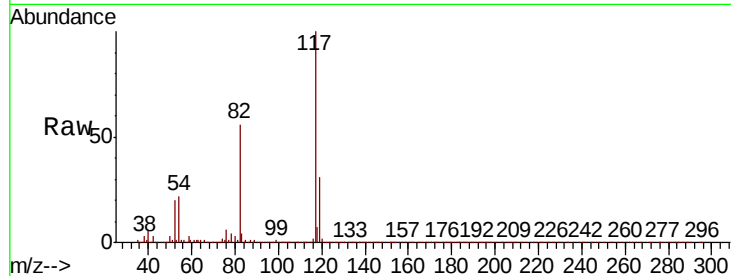




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

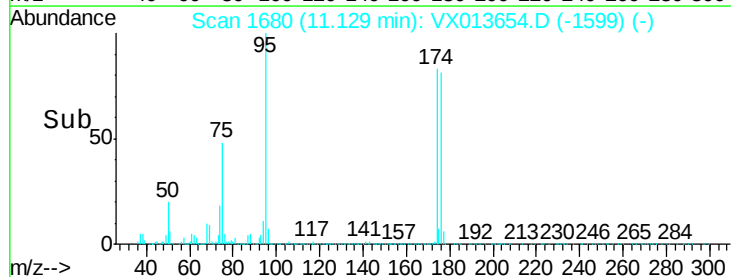
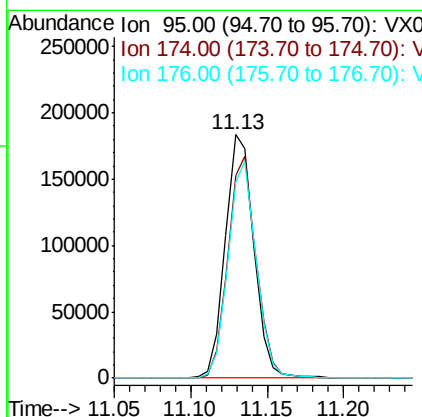
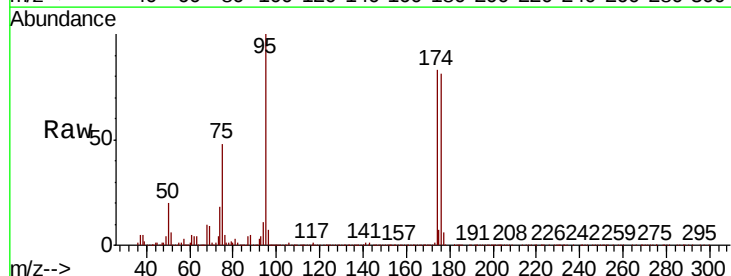
Instrument :
MSVOA_X
ClientSampled :
14B-1

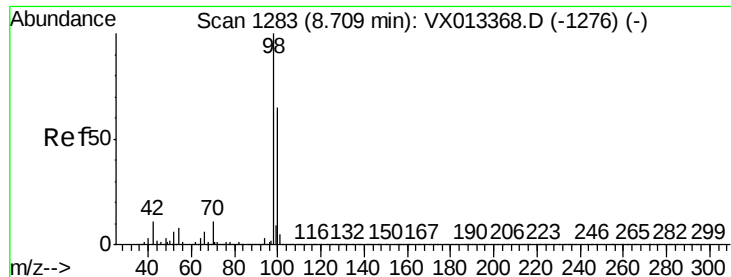
Tot Ion:117 Resp: 533753
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 31.8 25.5 38.3



#60
4-Bromofluorobenzene
Concen: 27.720 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Tgt Ion: 95 Resp: 237809
Ion Ratio Lower Upper
95 100
174 89.6 70.2 105.2
176 87.3 68.3 102.5





#63

Toluene-d8

Concen: 29.612 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013654.D

Acq: 27 Nov 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

14B-1

Tot Ion: 98 Resp: 714721

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7

