

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018946.D
 Acq On : 15 Oct 2020 20:38
 Operator : JC/SP
 Sample : L4371-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-2

Quant Time: Oct 16 05:04:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	46693	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.83	114	256711	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	219342	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	92979	31.22	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	104.07%	
60) 4-Bromofluorobenzene	11.12	95	98289	28.78	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	95.93%	
63) Toluene-d8	8.70	98	297348	31.03	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	103.43%	

Target Compounds

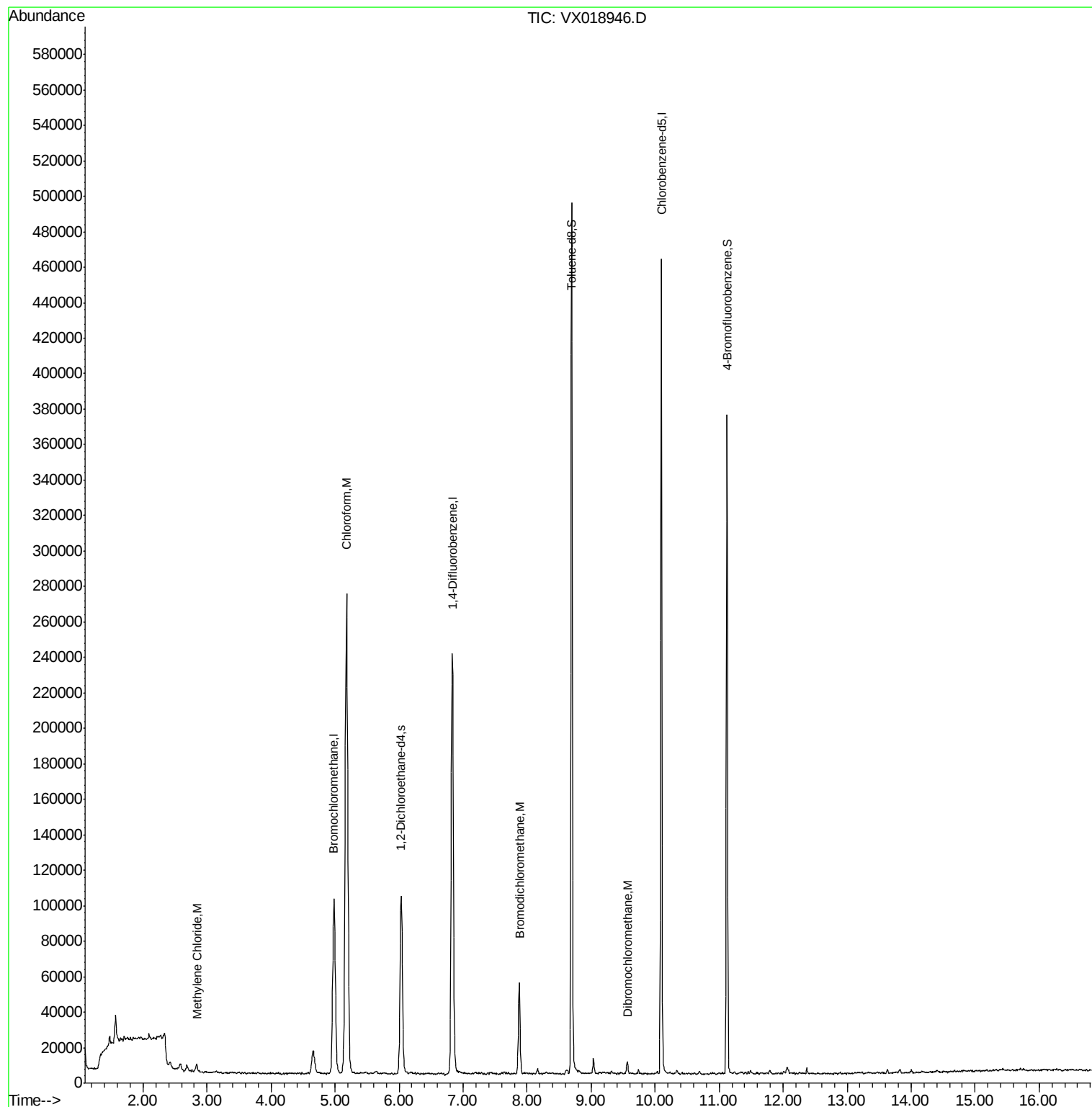
					Ovalue	
18) Methylene Chloride	2.84	84	2156	0.765	ug/l	# 86
25) Chloroform	5.18	83	333349	68.260	ug/l	95
41) Bromodichloromethane	7.87	83	34178	8.473	ug/l	99
53) Dibromochloromethane	9.56	129	2258	0.668	ug/l	92

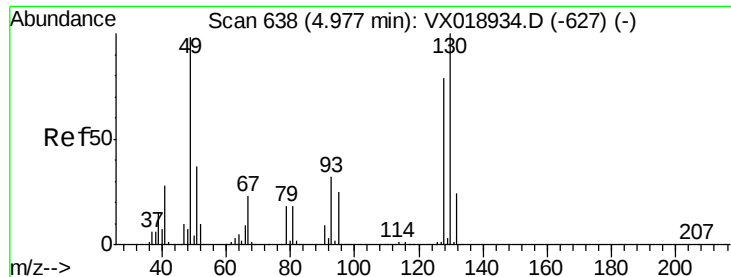
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101520\
Data File : VX018946.D
Acq On : 15 Oct 2020 20:38
Operator : JC/SP
Sample : L4371-02 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
14B-2

Quant Time: Oct 16 05:04:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 15 15:32:58 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX018946.D

Acq: 15 Oct 2020 20:38

Instrument :

MSVOA_X

ClientSampled :

14B-2

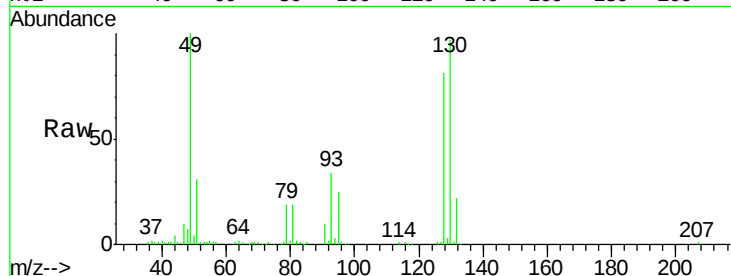
Tot Ion:128 Resp: 46693

Ion Ratio Lower Upper

128 100

49 131.8 0.0 330.5

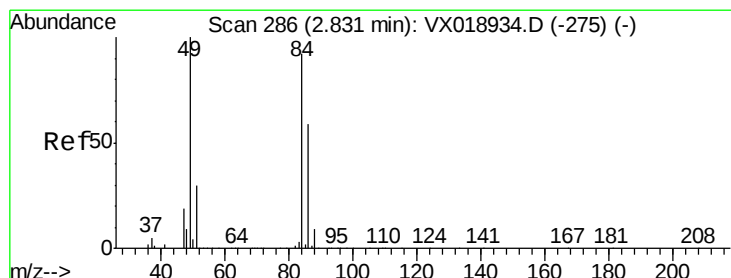
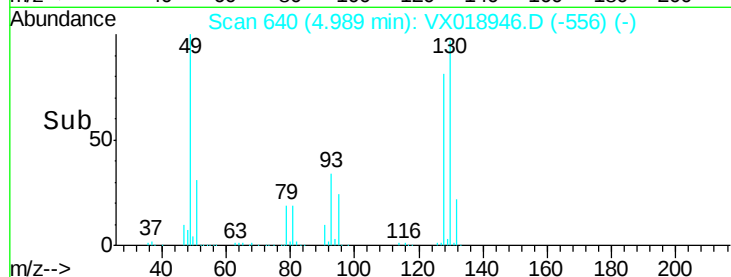
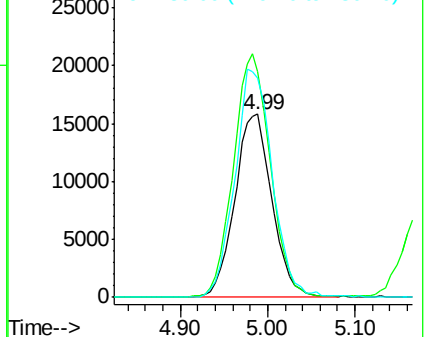
130 124.6 0.0 323.8



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



#18

Methylene Chloride

Concen: 0.765 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX018946.D

Acq: 15 Oct 2020 20:38

Tgt Ion: 84 Resp: 2156

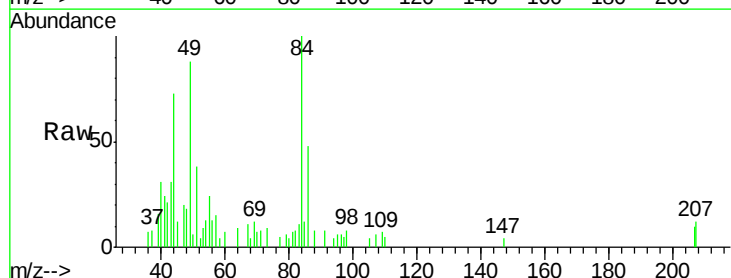
Ion Ratio Lower Upper

84 100

49 95.2 87.2 130.8

51 40.5 25.9 38.9#

86 52.0 51.3 76.9

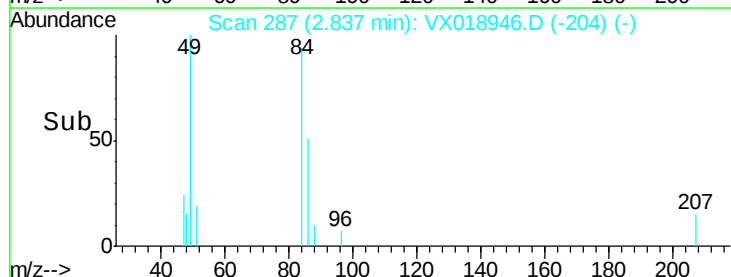
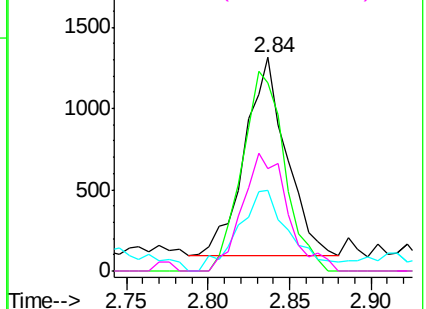


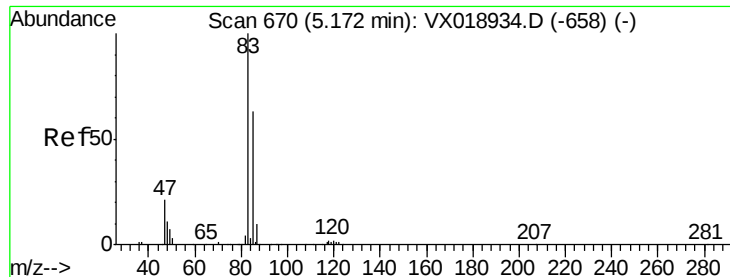
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

Chloroform

Concen: 68.260 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX018946.D

Acq: 15 Oct 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

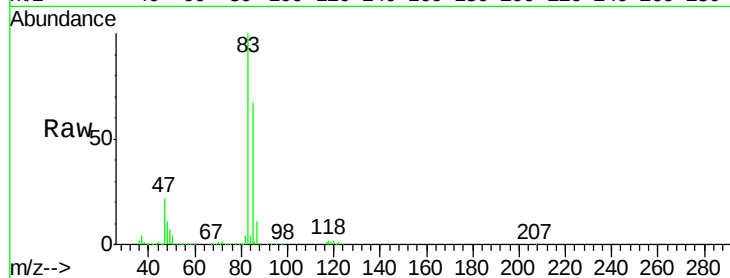
14B-2

Tot Ion: 83 Resp: 333349

Ion Ratio Lower Upper

83 100

85 66.5 50.3 75.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.18

120000

100000

80000

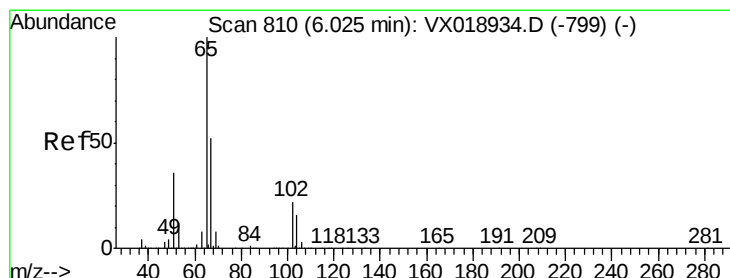
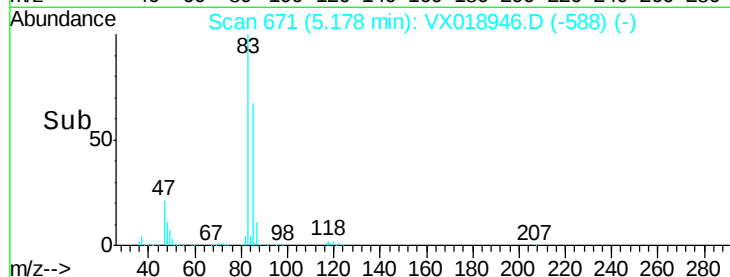
60000

40000

20000

0

Time-->



#27

1,2-Dichloroethane-d4

Concen: 31.216 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX018946.D

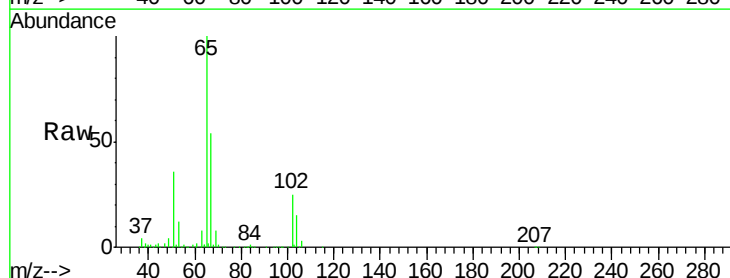
Acq: 15 Oct 2020 20:38

Tgt Ion: 65 Resp: 92979

Ion Ratio Lower Upper

65 100

67 53.0 42.1 63.1



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

40000

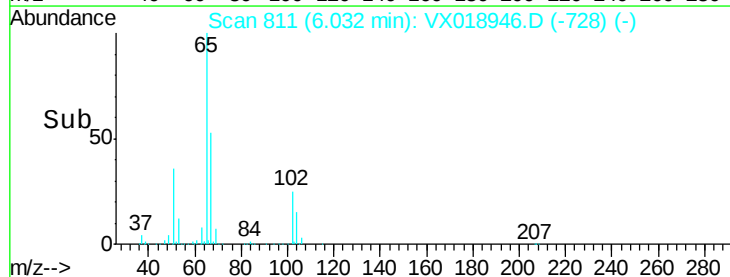
30000

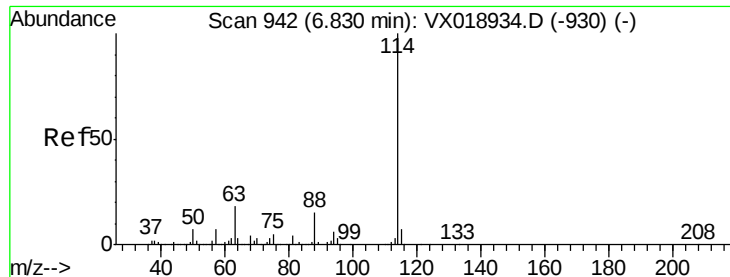
20000

10000

0

Time-->

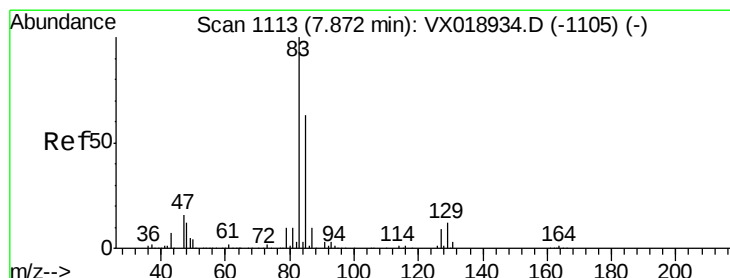
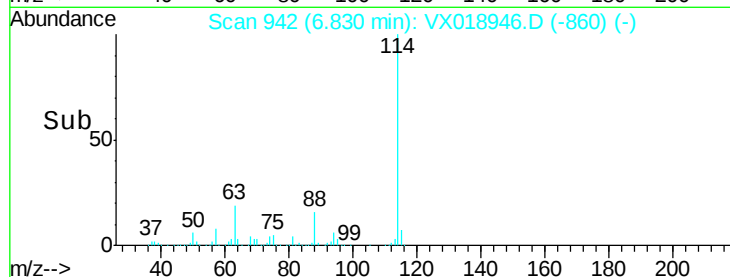
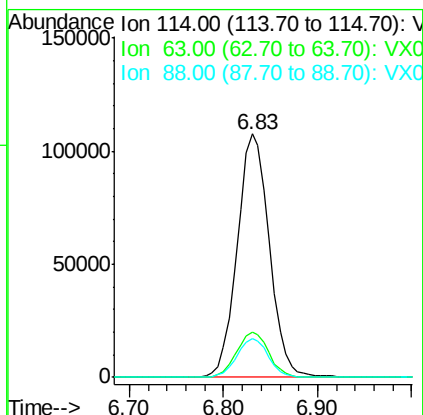
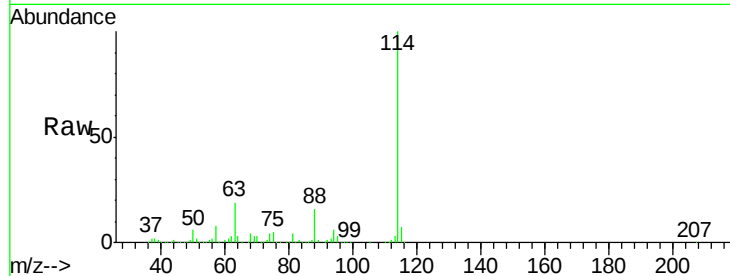




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018946.D
 Acq: 15 Oct 2020 20:38

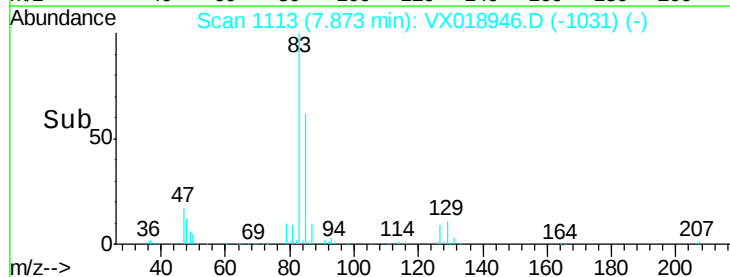
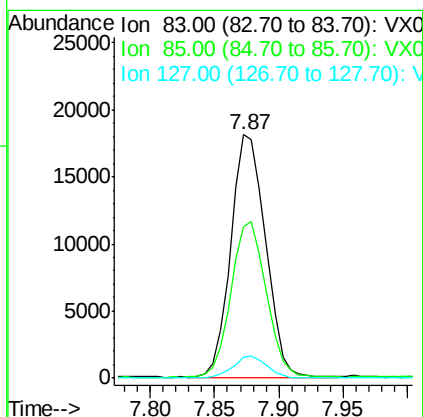
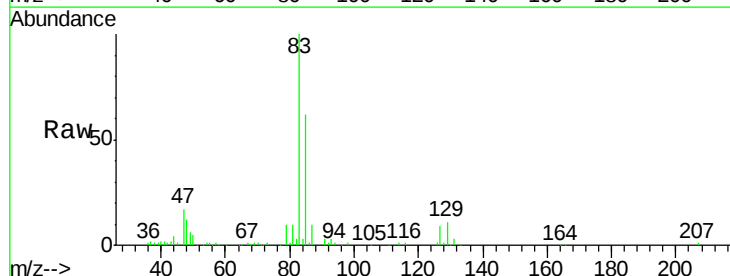
Instrument :
 MSVOA_X
 ClientSampled :
 14B-2

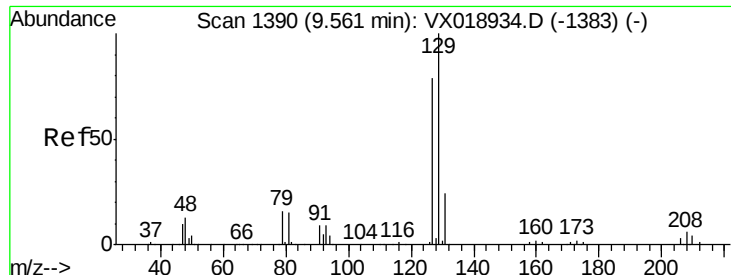
Tot Ion:114 Resp: 256711
 Ion Ratio Lower Upper
 114 100
 63 18.8 14.6 21.8
 88 15.7 12.3 18.5



#41
 Bromodichloromethane
 Concen: 8.473 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX018946.D
 Acq: 15 Oct 2020 20:38

Tgt Ion: 83 Resp: 34178
 Ion Ratio Lower Upper
 83 100
 85 62.0 50.4 75.6
 127 8.6 7.5 11.3

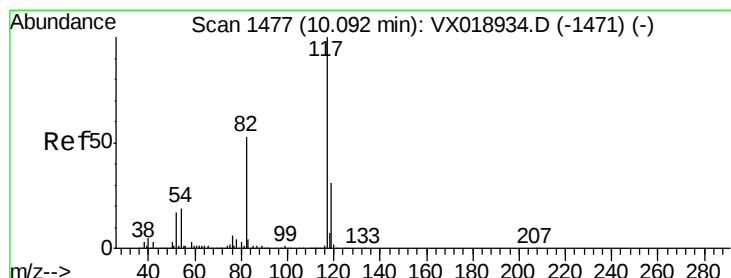
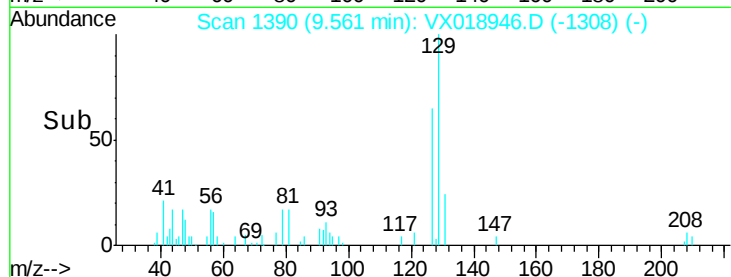
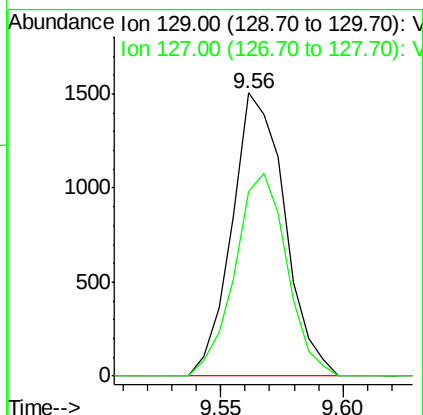
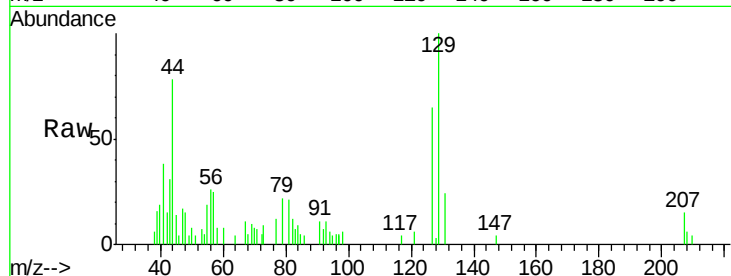




#53
Dibromochloromethane
Concen: 0.668 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX018946.D
Acq: 15 Oct 2020 20:38

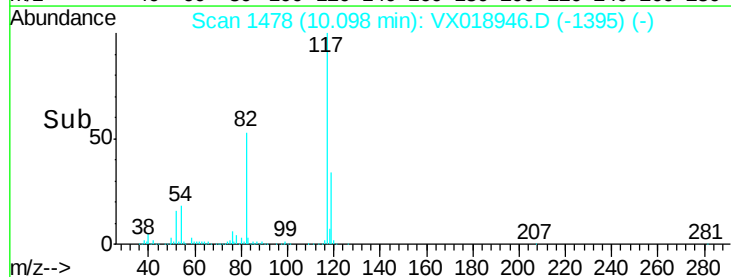
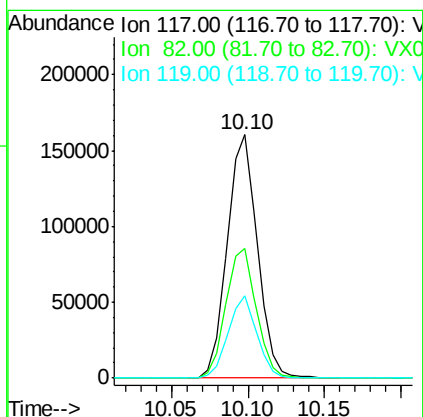
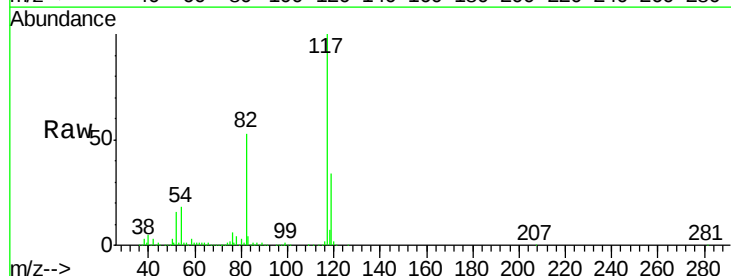
Instrument :
MSVOA_X
ClientSampleId :
14B-2

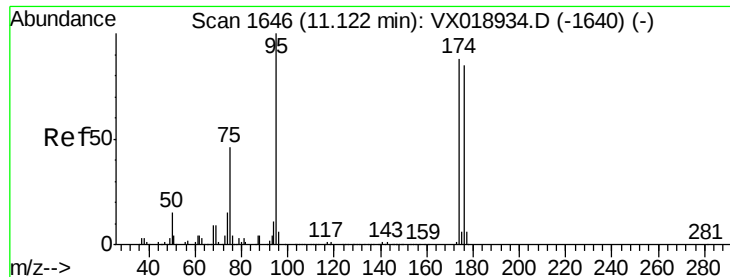
Tot Ion:129 Resp: 2258
Ion Ratio Lower Upper
129 100
127 70.4 38.7 116.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018946.D
Acq: 15 Oct 2020 20:38

Tgt Ion:117 Resp: 219342
Ion Ratio Lower Upper
117 100
82 53.5 41.6 62.4
119 32.5 25.7 38.5





#60

4-Bromofluorobenzene

Concen: 28.783 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018946.D

Acq: 15 Oct 2020 20:38

Instrument :

MSVOA_X

ClientSampled :

14B-2

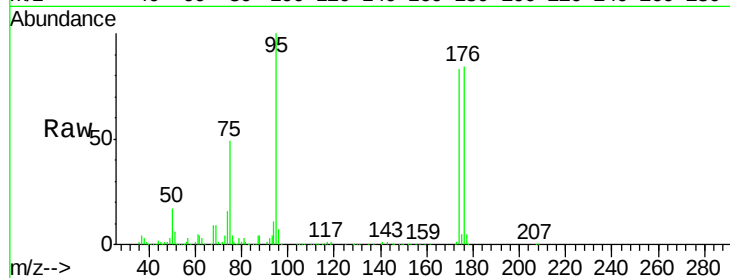
Tot Ion: 95 Resp: 98289

Ion Ratio Lower Upper

95 100

174 81.0 67.0 100.4

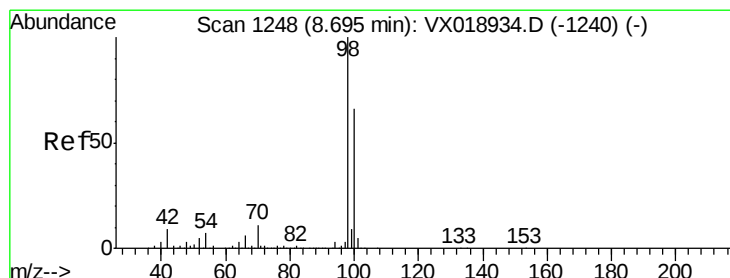
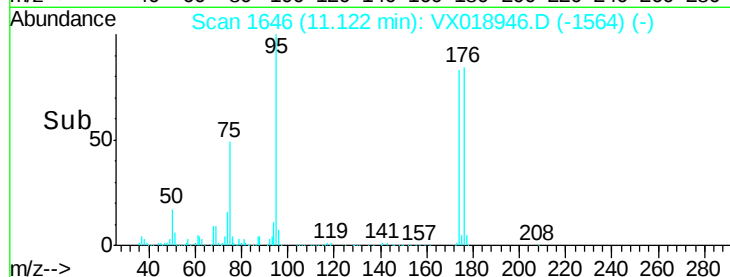
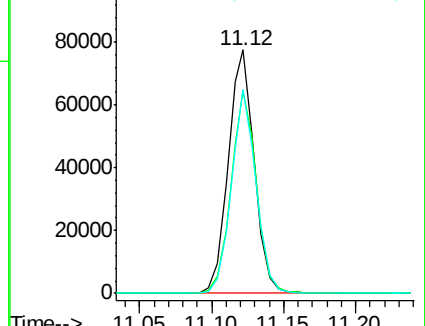
176 79.1 64.5 96.7



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Toluene-d8

Concen: 31.032 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018946.D

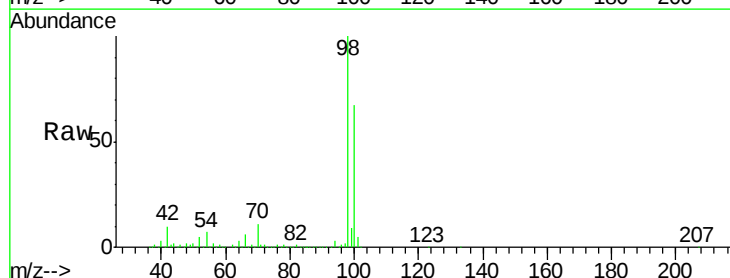
Acq: 15 Oct 2020 20:38

Tgt Ion: 98 Resp: 297348

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

