

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018945.D
 Acq On : 15 Oct 2020 20:15
 Operator : JC/SP
 Sample : L4371-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

Quant Time: Oct 16 05:02:16 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	4.98	128	47053	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	260071	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	234998	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	93883	31.28	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.27%
60) 4-Bromofluorobenzene	11.12	95	106021	28.98	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.60%
63) Toluene-d8	8.70	98	309347	30.13	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.43%

Target Compounds

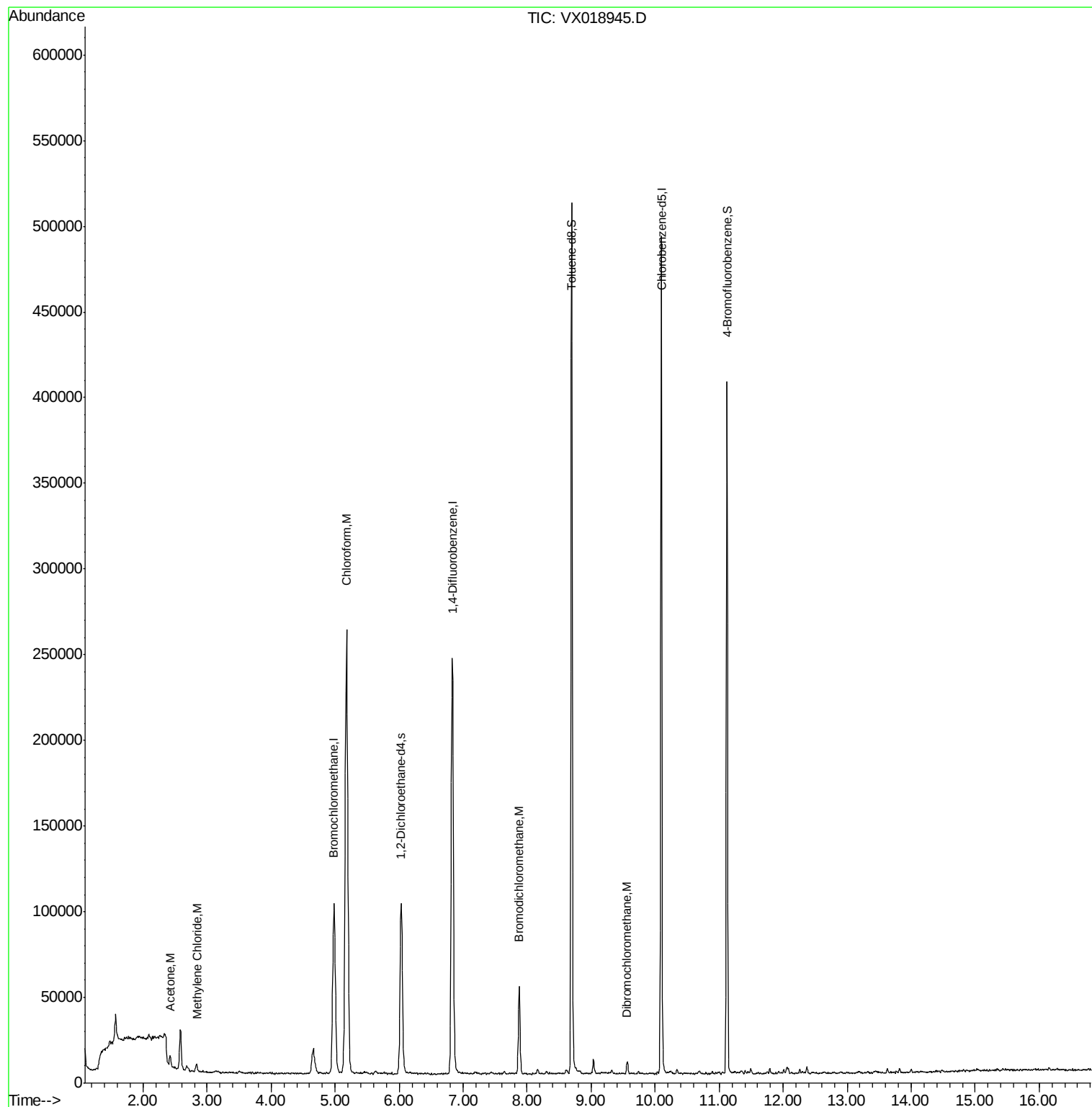
					Ovalue
15) Acetone	2.42	58	2570	5.941	ug/l 92
18) Methylene Chloride	2.83	84	2153	0.758	ug/l 95
25) Chloroform	5.18	83	317970	64.613	ug/l 98
41) Bromodichloromethane	7.88	83	32862	8.042	ug/l 99
53) Dibromochloromethane	9.57	129	2249	0.656	ug/l 94

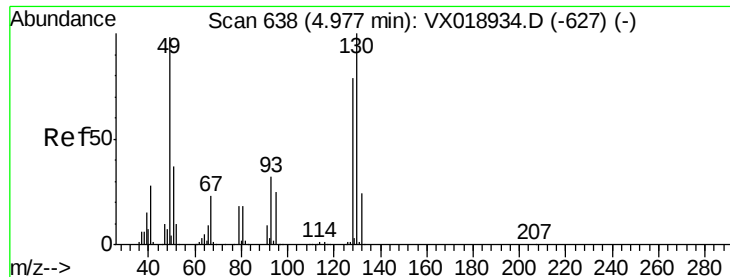
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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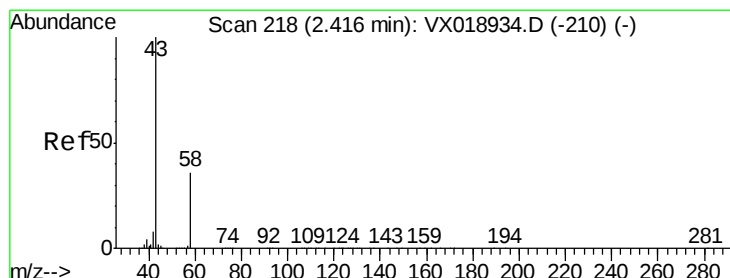
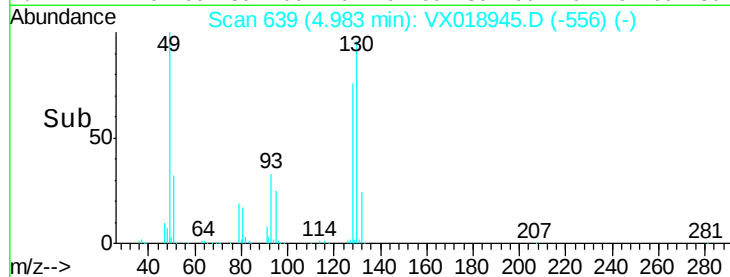
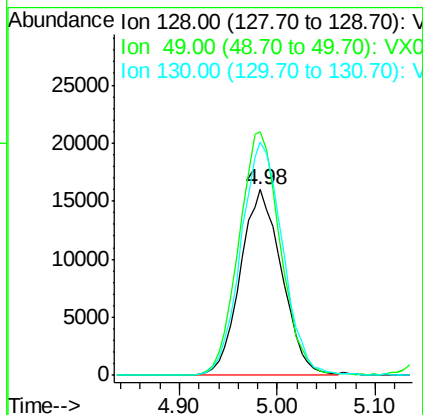
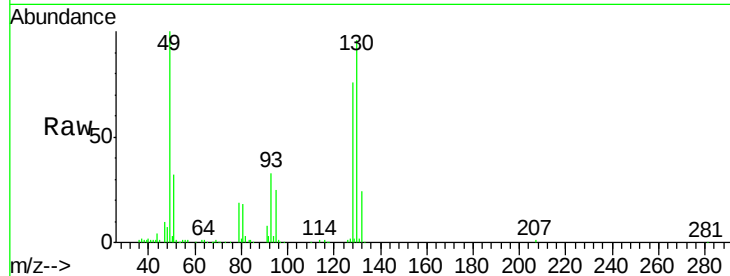


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX018945.D
 Acq: 15 Oct 2020 20:15

Instrument :
 MSVOA_X
 ClientSampled :
 14B-1

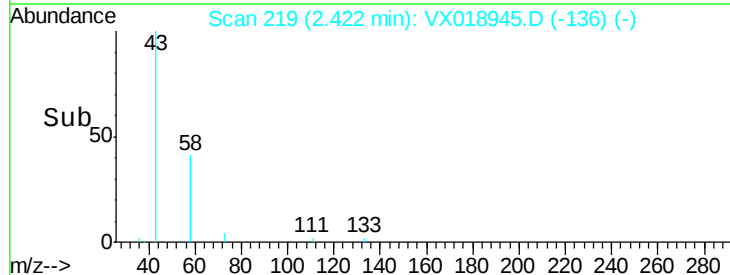
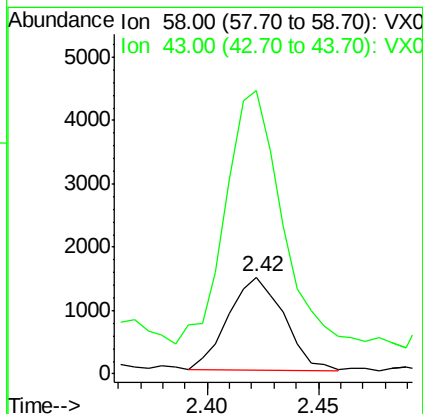
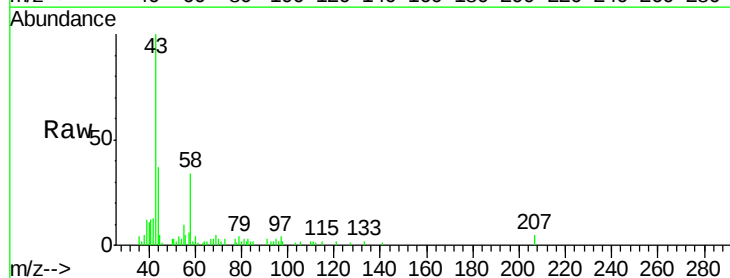
Tot Ion:128 Resp: 47053
 Ion Ratio Lower Upper
 128 100
 49 131.2 0.0 330.5
 130 126.6 0.0 323.8

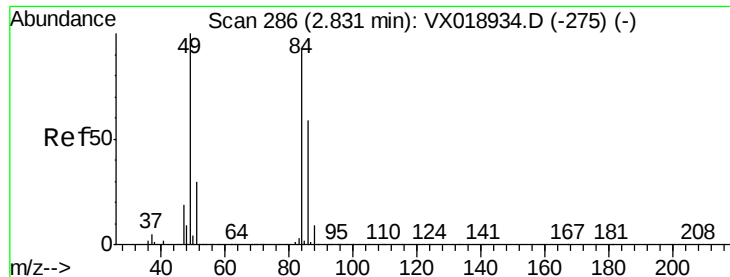


#15

Acetone
 Concen: 5.941 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX018945.D
 Acq: 15 Oct 2020 20:15

Tgt Ion: 58 Resp: 2570
 Ion Ratio Lower Upper
 58 100
 43 265.2 223.8 335.8

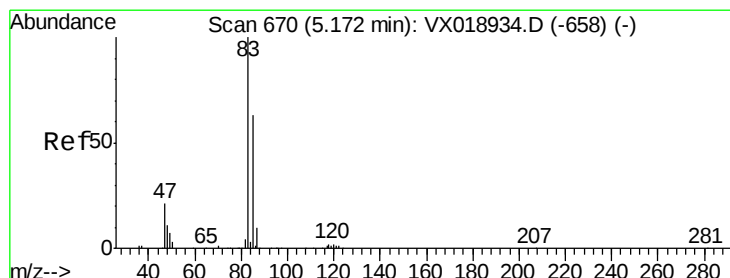
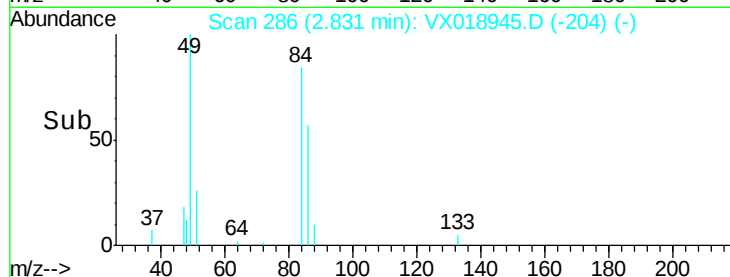
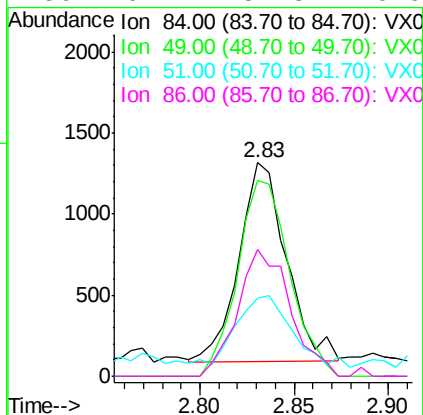
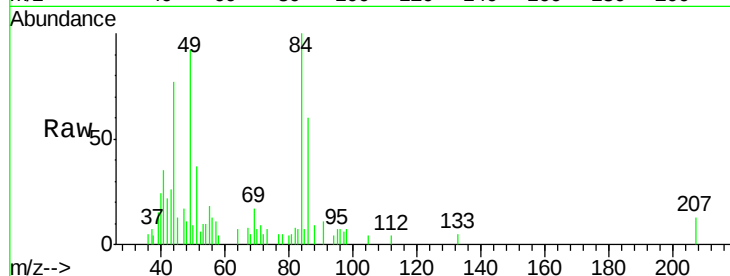




#18
Methvlene Chloride
Concen: 0.758 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018945.D
Acq: 15 Oct 2020 20:15

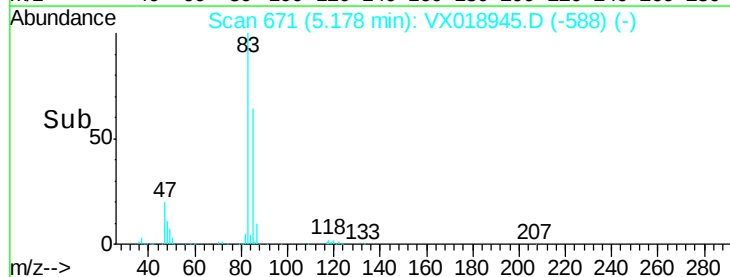
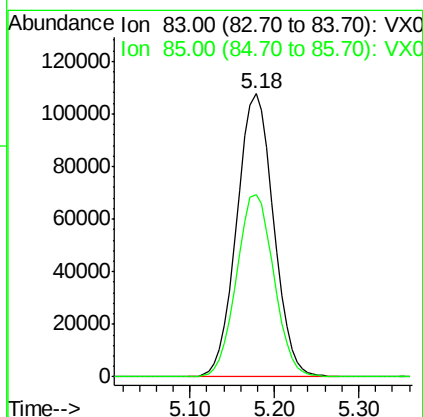
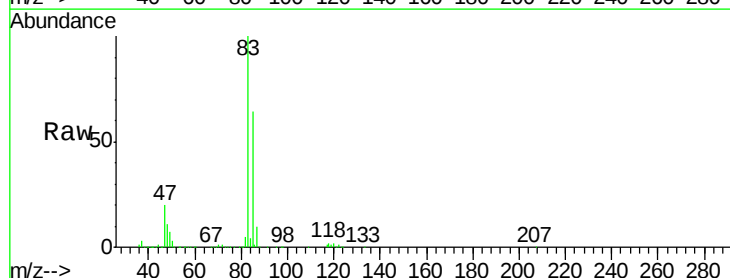
Instrument :
MSVOA_X
ClientSampleId :
14B-1

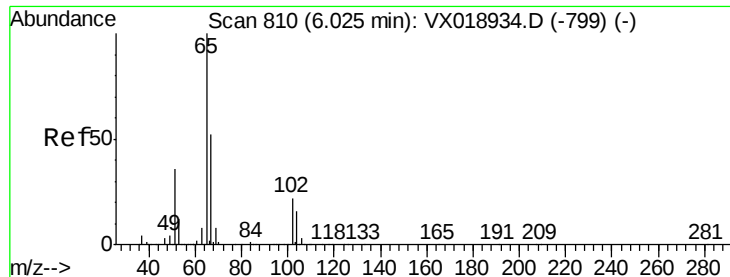
Tot Ion:	84	Resp:	2153
Ion	Ratio	Lower	Upper
84	100		
49	99.0	87.2	130.8
51	33.0	25.9	38.9
86	64.4	51.3	76.9



#25
Chloroform
Concen: 64.613 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018945.D
Acq: 15 Oct 2020 20:15

Tgt Ion:	83	Resp:	317970
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.3	75.5





#27

1,2-Dichloroethane-d4

Concen: 31.278 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX018945.D

Acq: 15 Oct 2020 20:15

Instrument :

MSVOA_X

ClientSampleId :

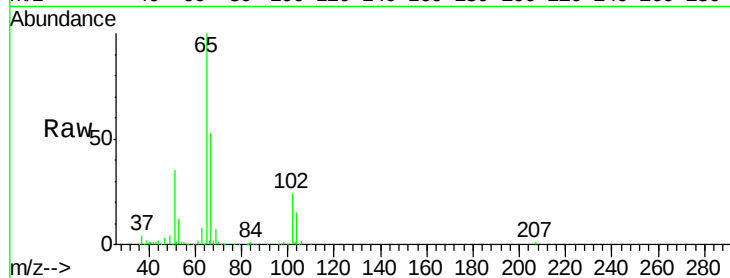
14B-1

Tot Ion: 65 Resp: 93883

Ion Ratio Lower Upper

65 100

67 52.7 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

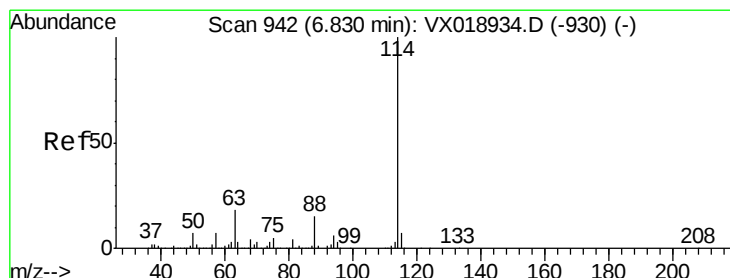
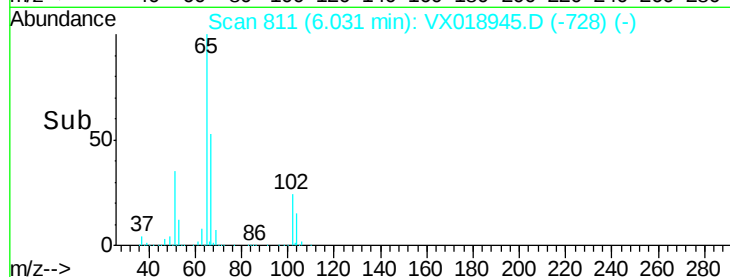
0

Time-->

5.90

6.00

6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018945.D

Acq: 15 Oct 2020 20:15

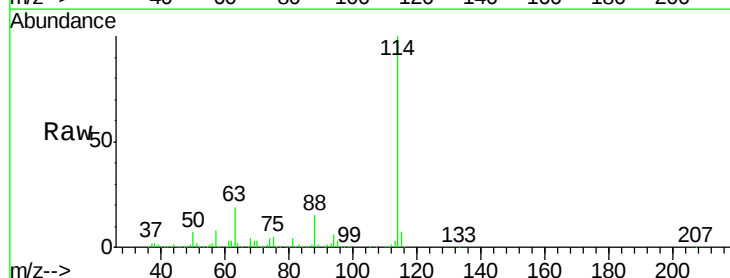
Tgt Ion: 114 Resp: 260071

Ion Ratio Lower Upper

114 100

63 18.8 14.6 21.8

88 15.3 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

150000

100000

50000

0

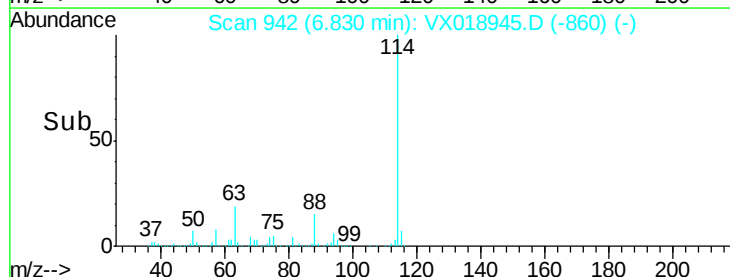
Time-->

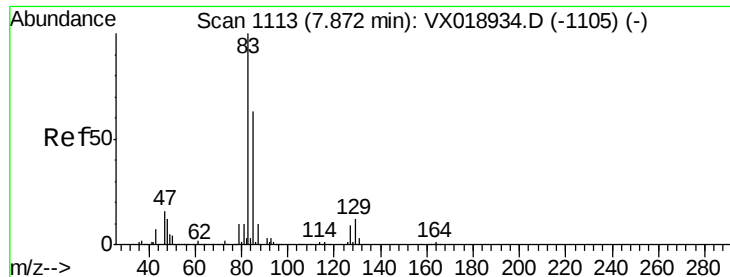
6.75

6.80

6.85

6.90





#41

Bromodichloromethane

Concen: 8.042 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX018945.D

Acq: 15 Oct 2020 20:15

Instrument :

MSVOA_X

ClientSampleId :

14B-1

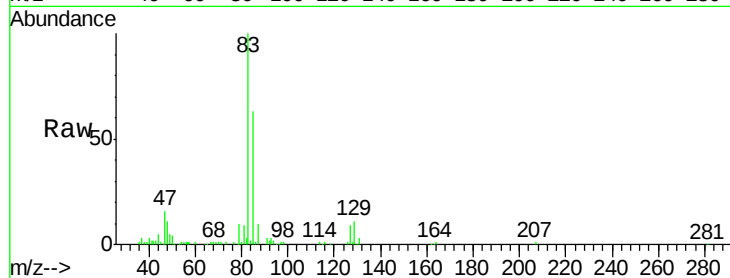
Tot Ion: 83 Resp: 32862

Ion Ratio Lower Upper

83 100

85 62.2 50.4 75.6

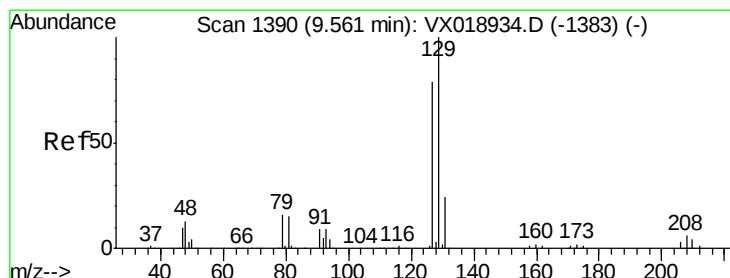
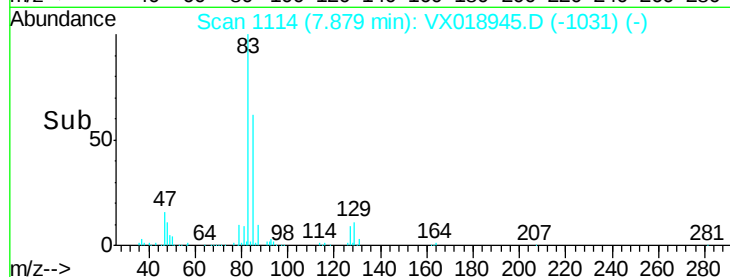
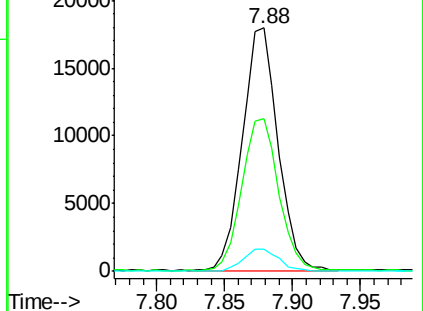
127 9.1 7.5 11.3



Abundance Ion 83.00 (82.70 to 83.70): VX018934.D (-1105) (-)

Ion 85.00 (84.70 to 85.70): VX018934.D (-1105) (-)

Ion 127.00 (126.70 to 127.70): VX018934.D (-1105) (-)



#53

Dibromochloromethane

Concen: 0.656 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX018945.D

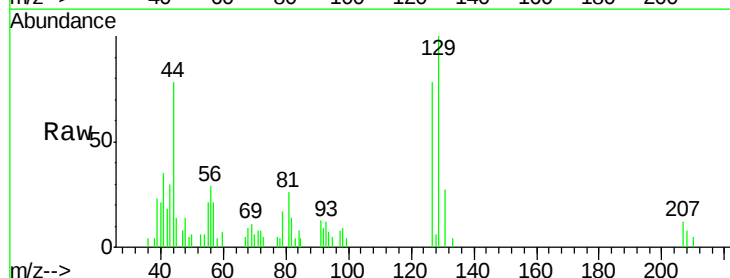
Acq: 15 Oct 2020 20:15

Tgt Ion: 129 Resp: 2249

Ion Ratio Lower Upper

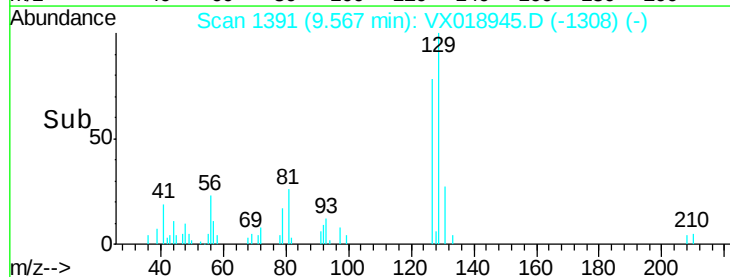
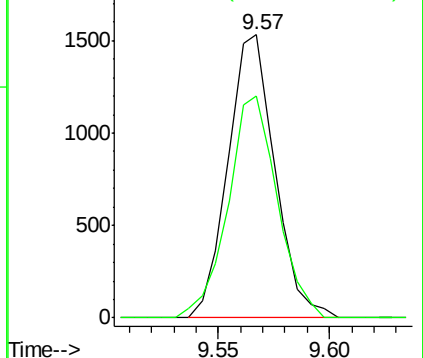
129 100

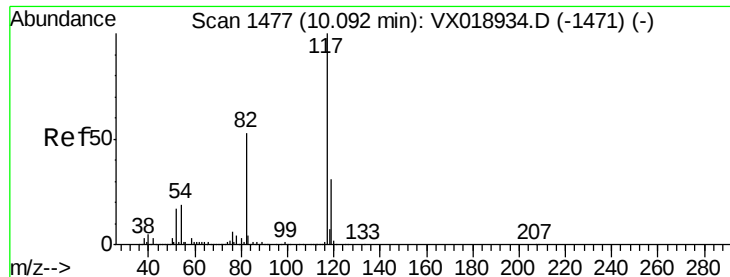
127 82.3 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): VX018934.D (-1383) (-)

Ion 127.00 (126.70 to 127.70): VX018934.D (-1383) (-)

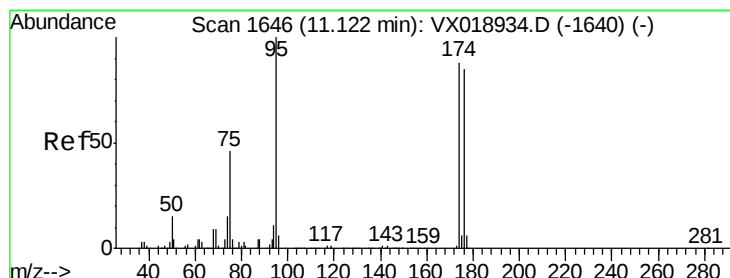
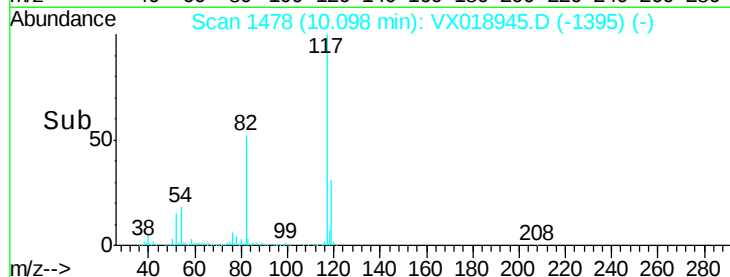
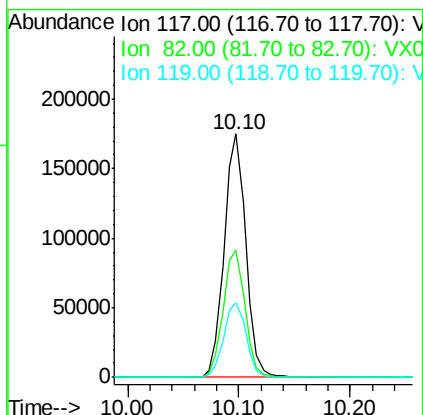
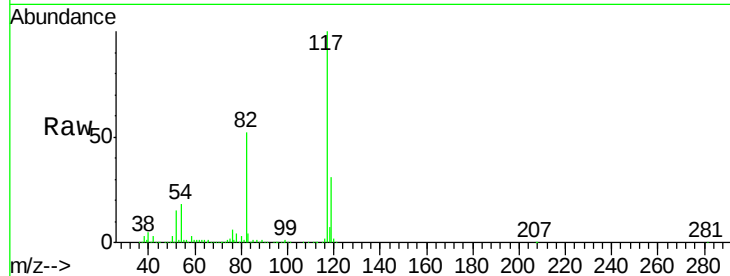




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018945.D
Acq: 15 Oct 2020 20:15

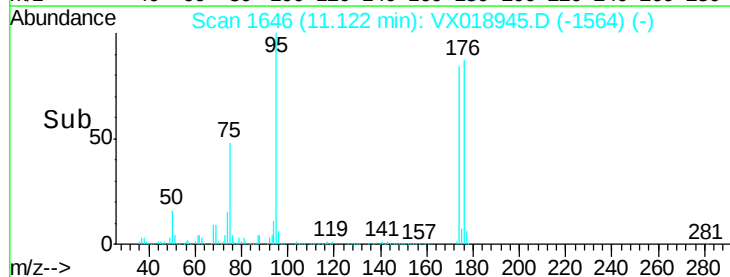
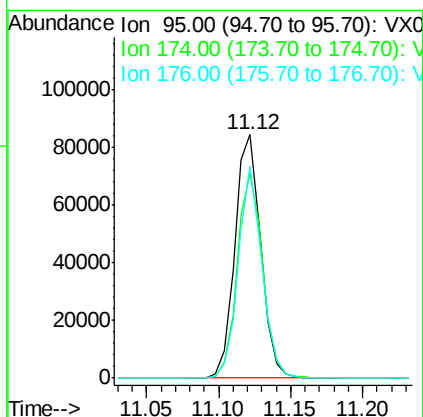
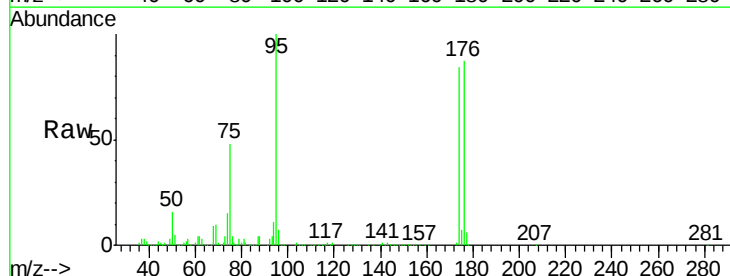
Instrument :
MSVOA_X
ClientSampleId :
14B-1

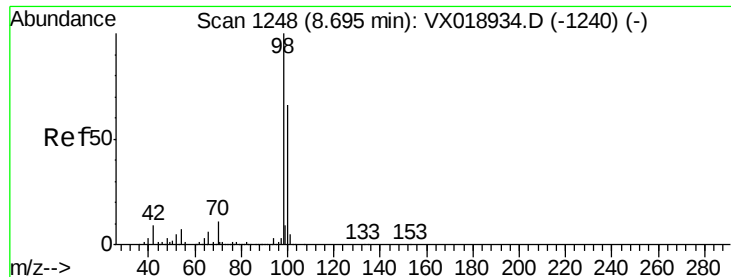
Tot Ion:117 Resp: 234998
Ion Ratio Lower Upper
117 100
82 52.4 41.6 62.4
119 31.9 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 28.978 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018945.D
Acq: 15 Oct 2020 20:15

Tgt Ion: 95 Resp: 106021
Ion Ratio Lower Upper
95 100
174 82.4 67.0 100.4
176 79.6 64.5 96.7





#63

Toluene-d8

Concen: 30.134 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018945.D

Acq: 15 Oct 2020 20:15

Instrument :

MSVOA_X

ClientSampleId :

14B-1

Tot Ion: 98 Resp: 309347

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8

