

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018949.D
 Acq On : 15 Oct 2020 21:46
 Operator : JC/SP
 Sample : L4386-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

Quant Time: Oct 16 05:11:53 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	42576	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	237683	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	206184	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	89396	32.92	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	109.73%
60) 4-Bromofluorobenzene	11.12	95	94606	29.47	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.23%
63) Toluene-d8	8.70	98	283991	31.53	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.10%

Target Compounds

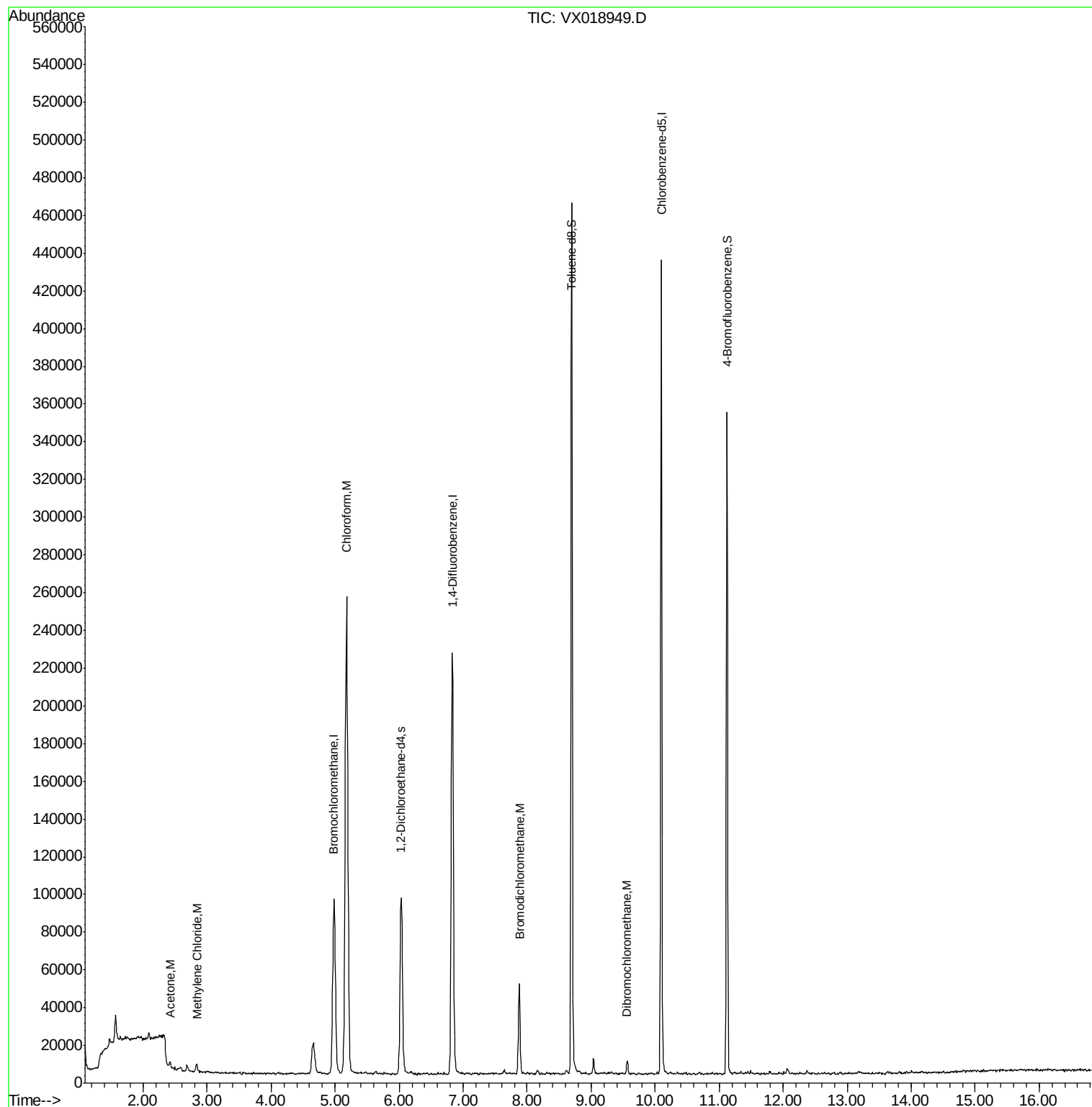
					Ovalue
15) Acetone	2.42	58	1201	3.068 ug/l	92
18) Methylene Chloride	2.83	84	1974	0.769 ug/l	93
25) Chloroform	5.18	83	310805	69.798 ug/l	96
41) Bromodichloromethane	7.88	83	31120	8.333 ug/l	98
53) Dibromochloromethane	9.57	129	1954	0.624 ug/l	98

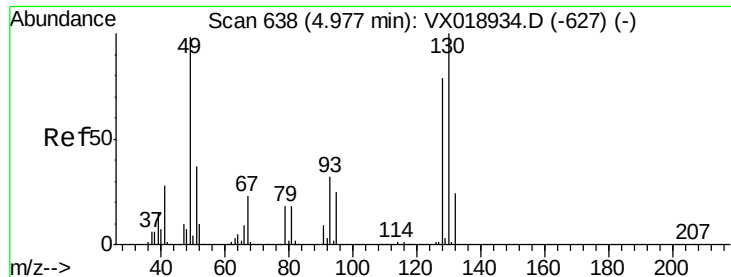
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 15 15:32:58 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018949.D

Acq: 15 Oct 2020 21:46

Instrument :

MSVOA_X

ClientSampled :

14B-1

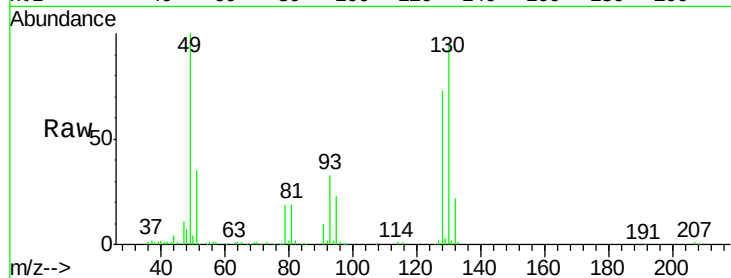
Tot Ion:128 Resp: 42576

Ion Ratio Lower Upper

128 100

49 140.2 0.0 330.5

130 128.4 0.0 323.8



Abundance Ion 128.00 (127.70 to 128.70): V

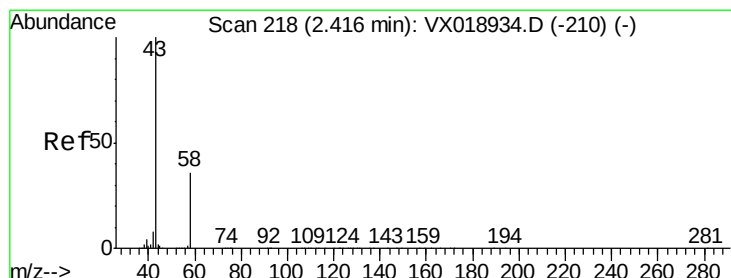
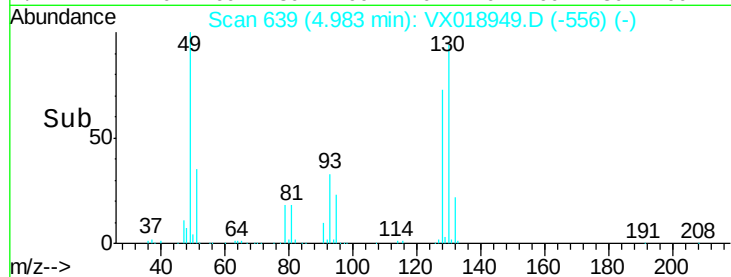
Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V

Time-->

4.98

4.90 5.00 5.10



#15

Acetone

Concen: 3.068 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018949.D

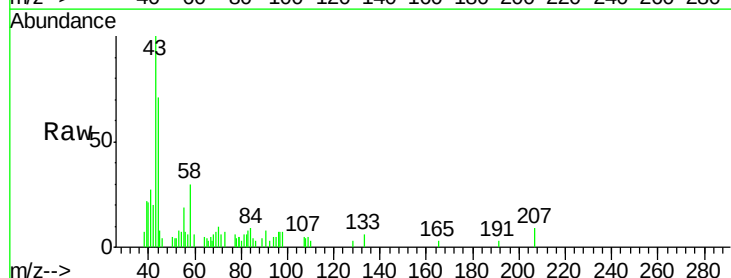
Acq: 15 Oct 2020 21:46

Tgt Ion: 58 Resp: 1201

Ion Ratio Lower Upper

58 100

43 265.7 223.8 335.8



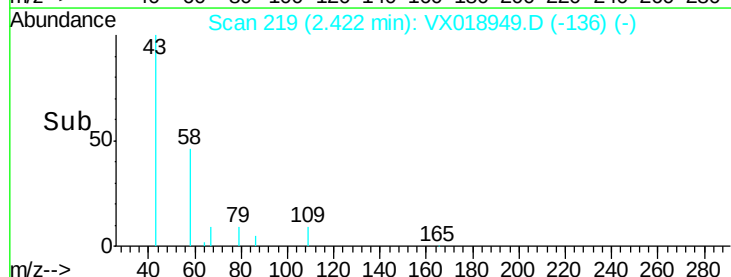
Abundance Ion 58.00 (57.70 to 58.70): VX0

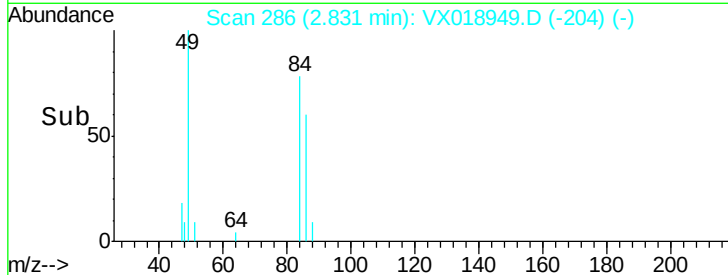
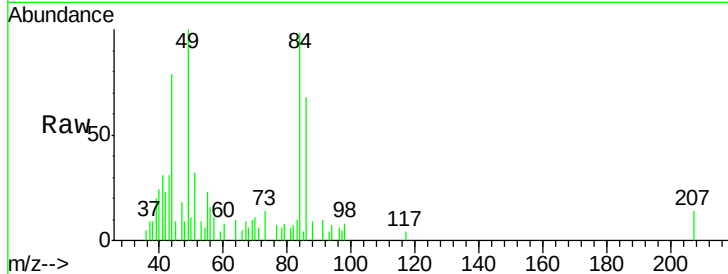
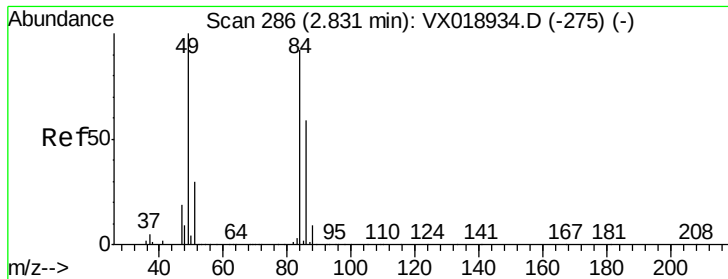
Ion 43.00 (42.70 to 43.70): VX0

Time-->

2.42

2.35 2.40 2.45

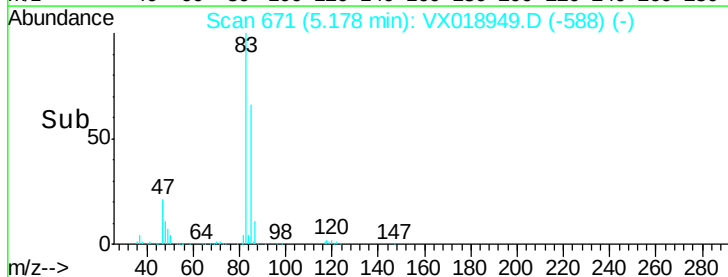
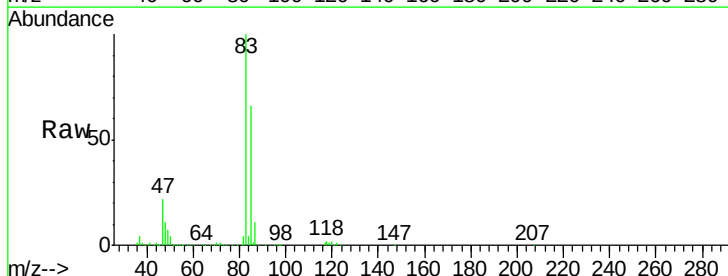
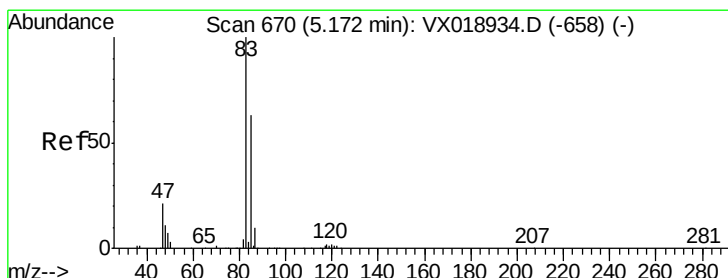
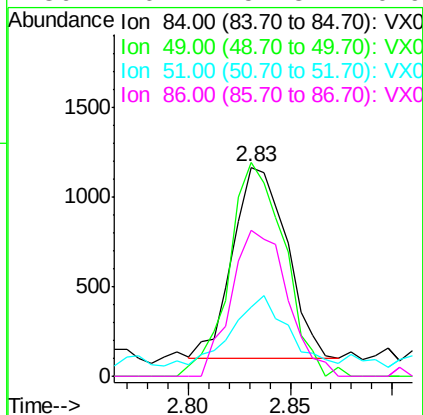




#18
Methylene Chloride
Concen: 0.769 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018949.D
Acq: 15 Oct 2020 21:46

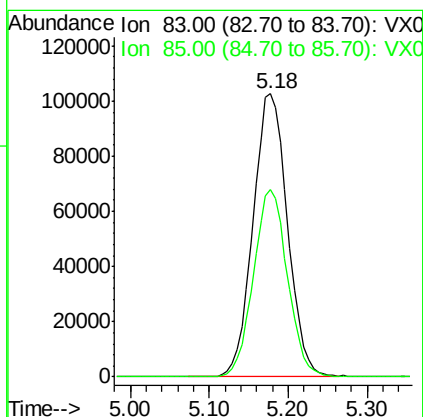
Instrument :
MSVOA_X
ClientSampleId :
14B-1

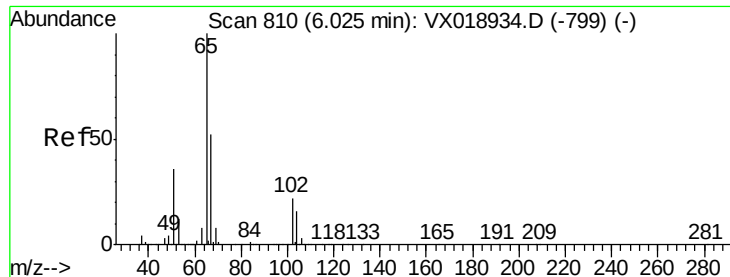
Tot Ion:	84	Resp:	1974
Ion	Ratio	Lower	Upper
84	100		
49	106.4	87.2	130.8
51	30.1	25.9	38.9
86	76.2	51.3	76.9



#25
Chloroform
Concen: 69.798 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018949.D
Acq: 15 Oct 2020 21:46

Tgt Ion:	83	Resp:	310805
Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.3	75.5

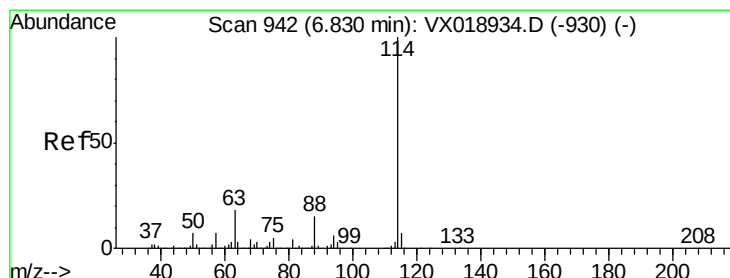
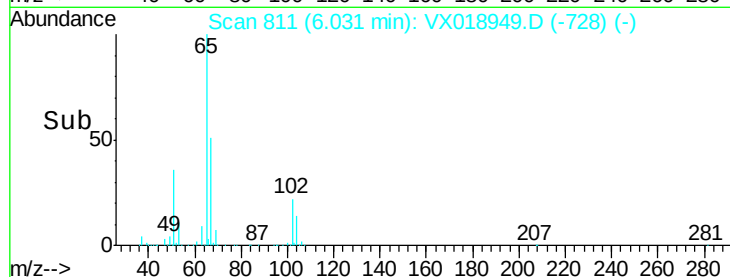
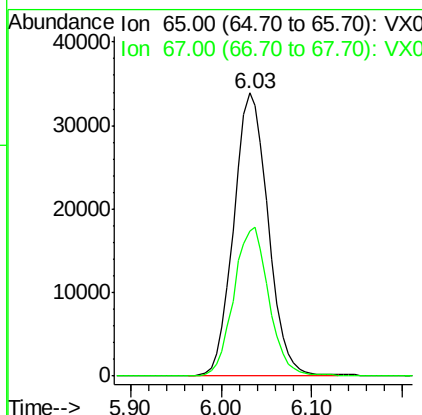
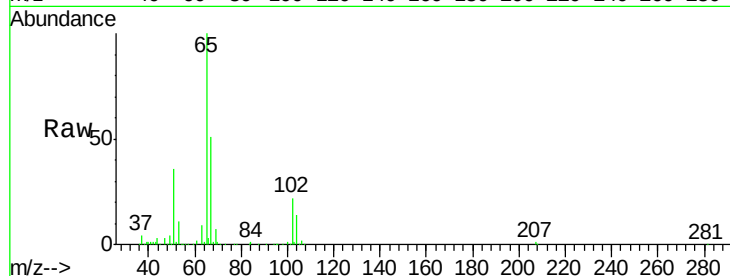




#27
 1,2-Dichloroethane-d4
 Concen: 32.915 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX018949.D
 Acq: 15 Oct 2020 21:46

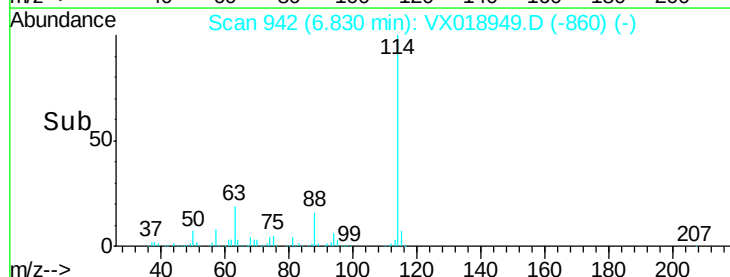
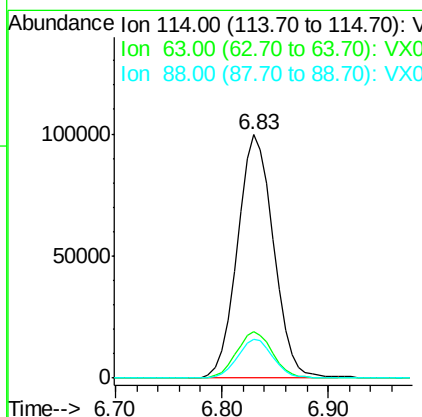
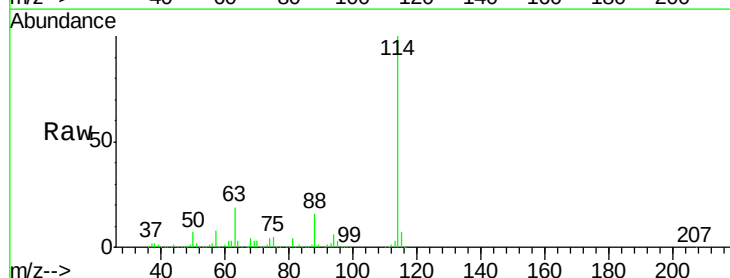
Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

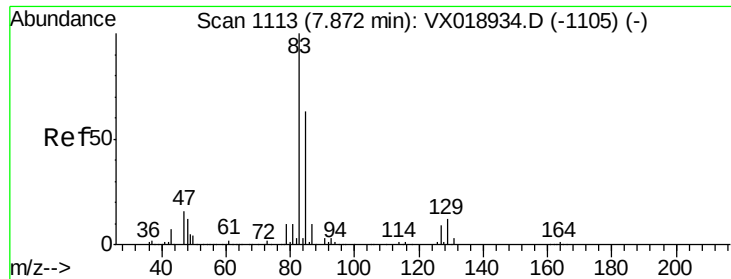
Tot Ion: 65 Resp: 89396
 Ion Ratio Lower Upper
 65 100
 67 53.1 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018949.D
 Acq: 15 Oct 2020 21:46

Tgt Ion: 114 Resp: 237683
 Ion Ratio Lower Upper
 114 100
 63 19.2 14.6 21.8
 88 15.8 12.3 18.5

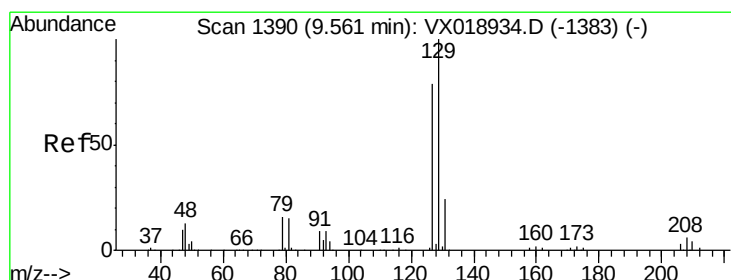
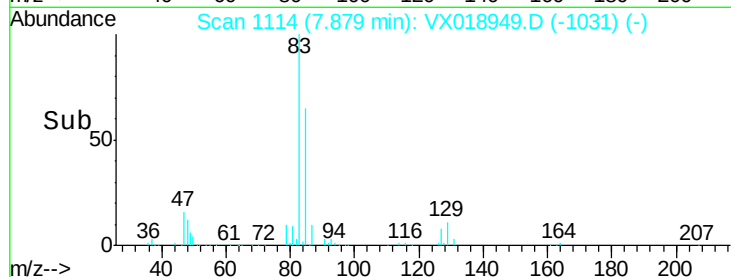
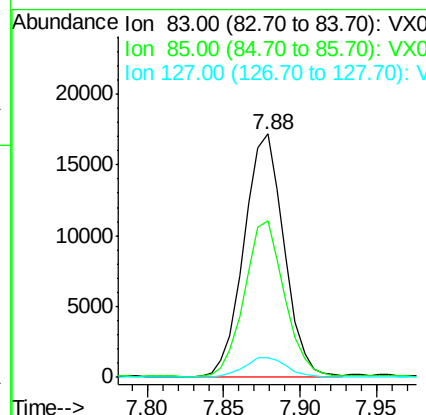
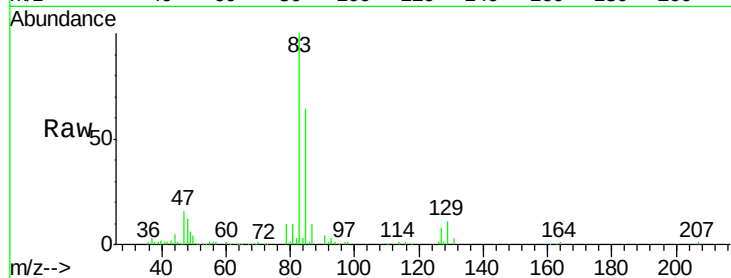




#41
Bromodichloromethane
Concen: 8.333 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VX018949.D
Acq: 15 Oct 2020 21:46

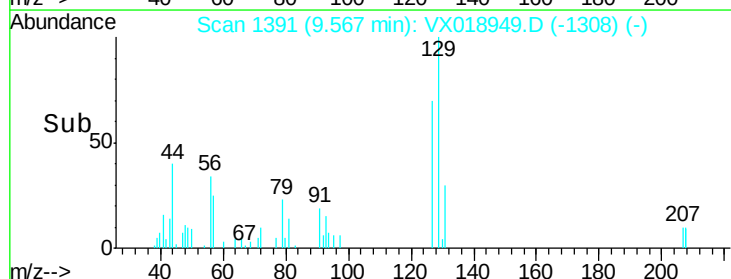
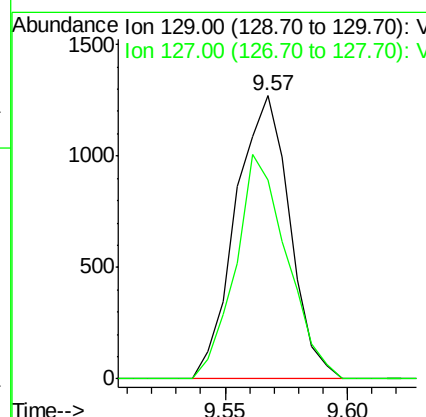
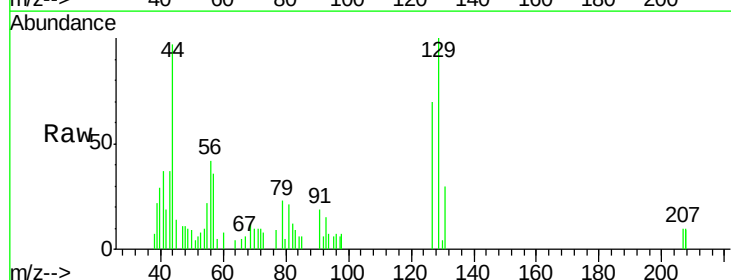
Instrument :
MSVOA_X
ClientSampleId :
14B-1

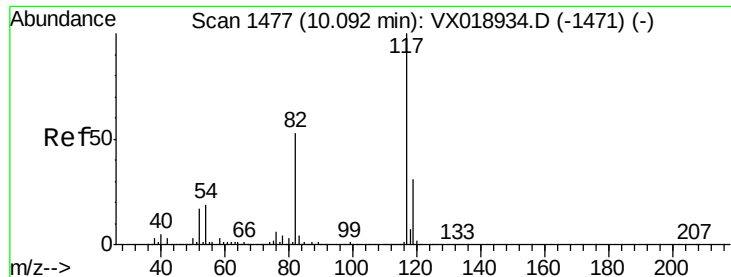
Tot Ion: 83 Resp: 31120
Ion Ratio Lower Upper
83 100
85 64.6 50.4 75.6
127 8.1 7.5 11.3



#53
Dibromochloromethane
Concen: 0.624 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX018949.D
Acq: 15 Oct 2020 21:46

Tgt Ion: 129 Resp: 1954
Ion Ratio Lower Upper
129 100
127 75.4 38.7 116.1

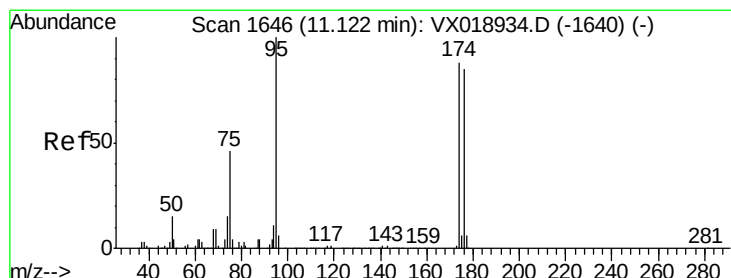
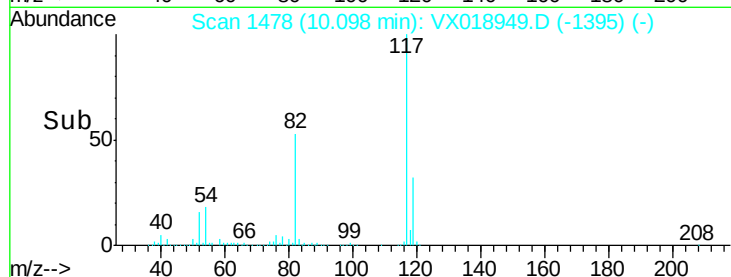
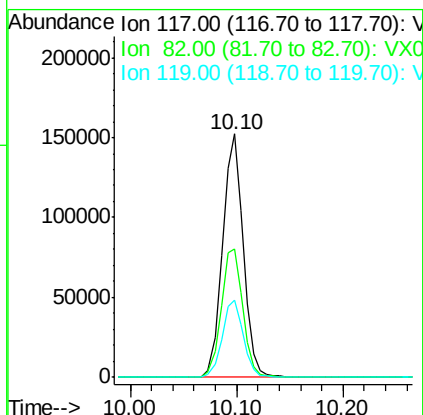
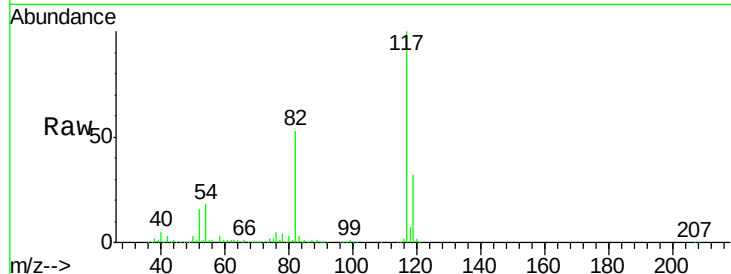




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018949.D
Acq: 15 Oct 2020 21:46

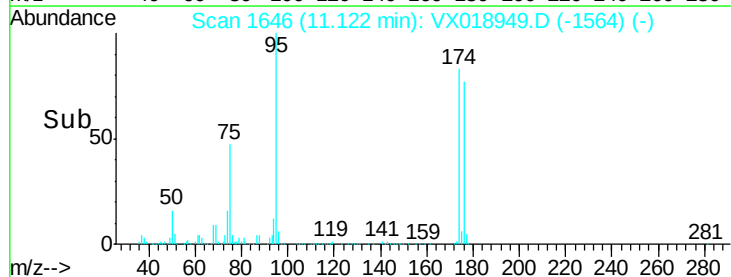
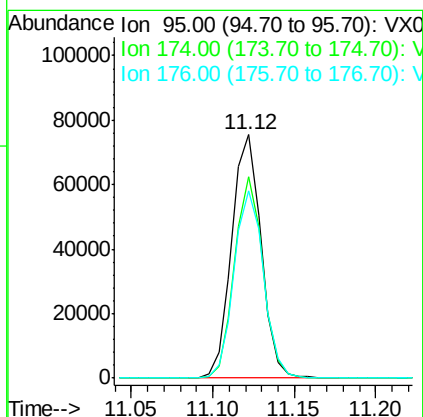
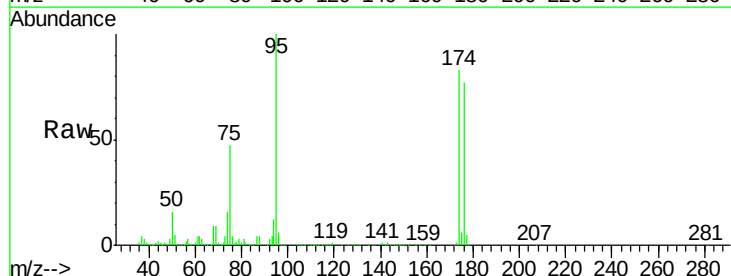
Instrument :
MSVOA_X
ClientSampled :
14B-1

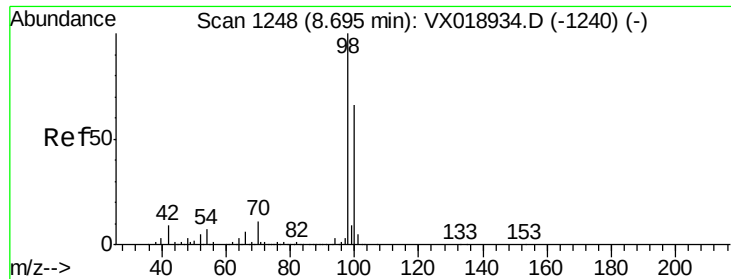
Tot Ion:117 Resp: 206184
Ion Ratio Lower Upper
117 100
82 54.7 41.6 62.4
119 32.3 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 29.472 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018949.D
Acq: 15 Oct 2020 21:46

Tgt Ion: 95 Resp: 94606
Ion Ratio Lower Upper
95 100
174 80.6 67.0 100.4
176 77.6 64.5 96.7





#63

Toluene-d8

Concen: 31.530 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018949.D

Acq: 15 Oct 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

14B-1

Tot Ion: 98 Resp: 283991

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8

