

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018947.D
 Acq On : 15 Oct 2020 21:00
 Operator : JC/SP
 Sample : L4371-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-3

Quant Time: Oct 16 05:07:02 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	45374	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	255144	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	220936	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	93211	32.20	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.33%
60) 4-Bromofluorobenzene	11.12	95	99920	29.05	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.83%
63) Toluene-d8	8.70	98	303212	31.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.73%

Target Compounds

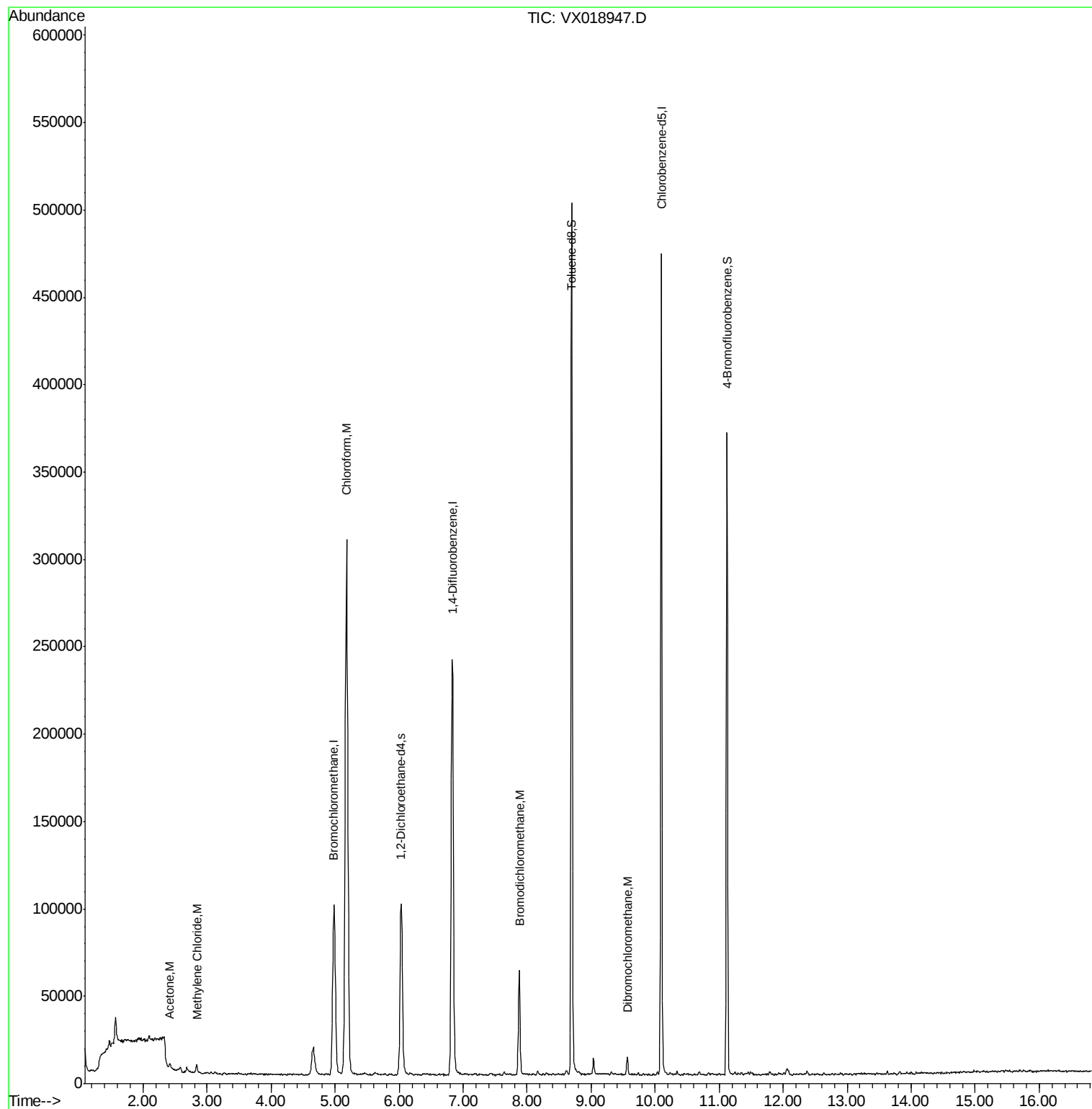
					Ovalue
15) Acetone	2.42	58	800	1.918 ug/l	80
18) Methylene Chloride	2.84	84	2071	0.757 ug/l #	87
25) Chloroform	5.18	83	371175	78.215 ug/l	95
41) Bromodichloromethane	7.87	83	38442	9.589 ug/l	99
53) Dibromochloromethane	9.57	129	3326	0.989 ug/l	97

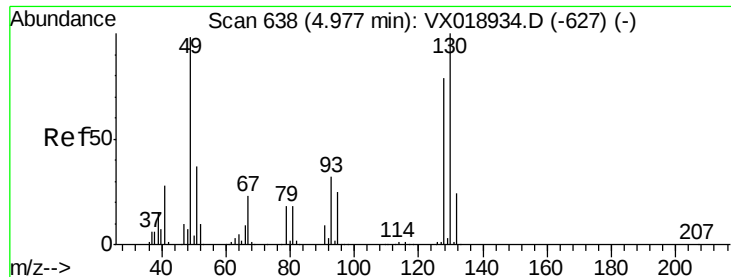
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX018947.D

Acq: 15 Oct 2020 21:00

Instrument :

MSVOA_X

ClientSampled :

14B-3

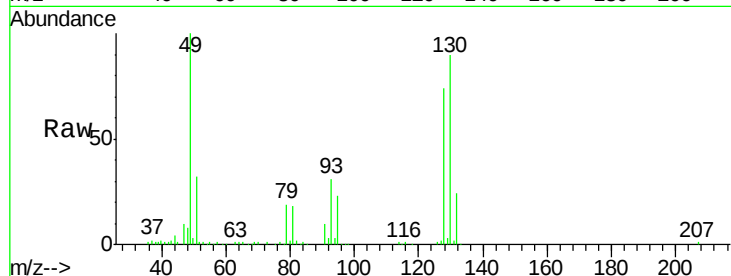
Tot Ion:128 Resp: 45374

Ion Ratio Lower Upper

128 100

49 136.7 0.0 330.5

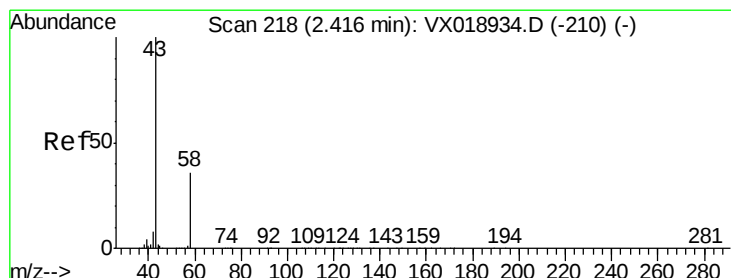
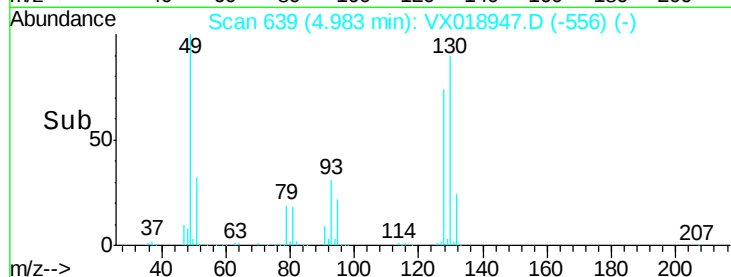
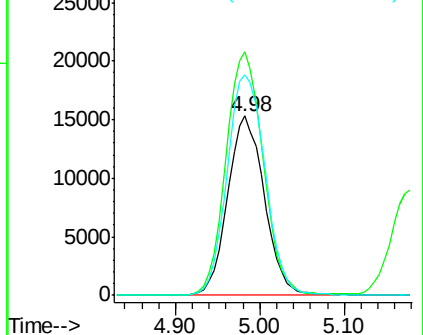
130 127.4 0.0 323.8



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



#15

Acetone

Concen: 1.918 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018947.D

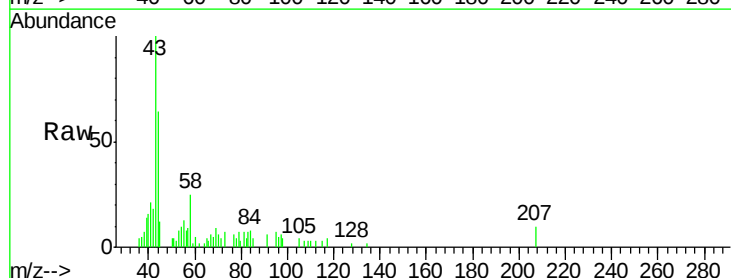
Acq: 15 Oct 2020 21:00

Tgt Ion: 58 Resp: 800

Ion Ratio Lower Upper

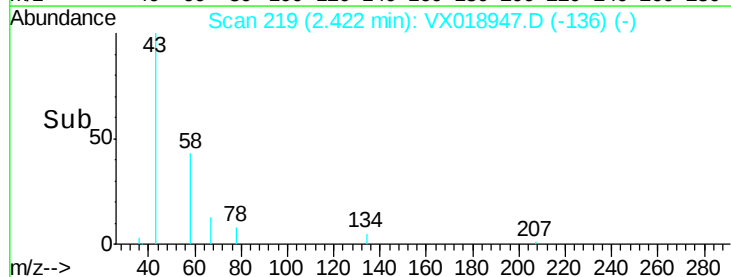
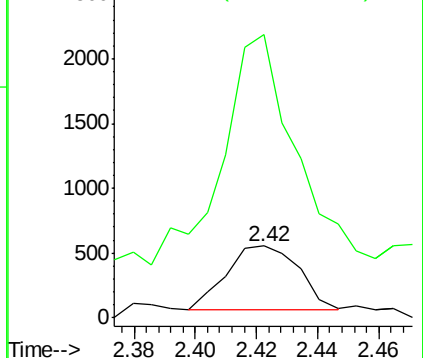
58 100

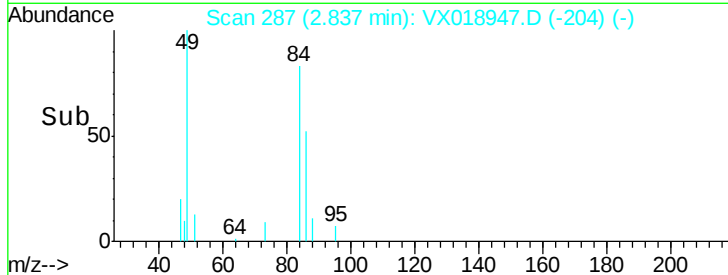
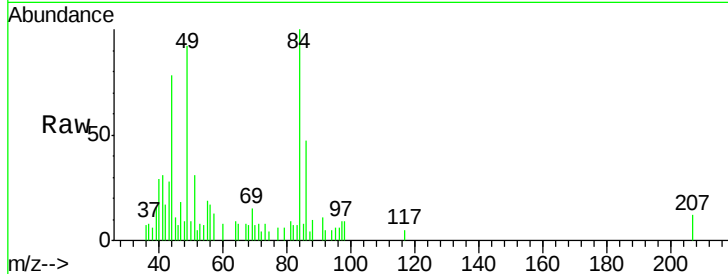
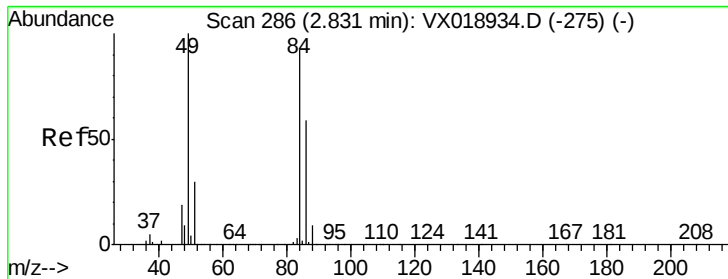
43 317.1 223.8 335.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

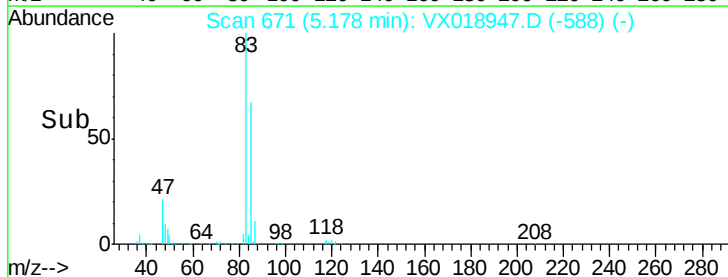
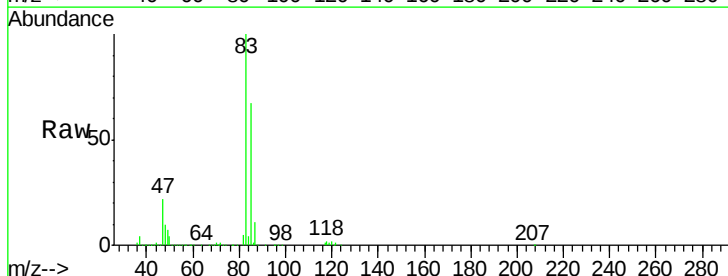
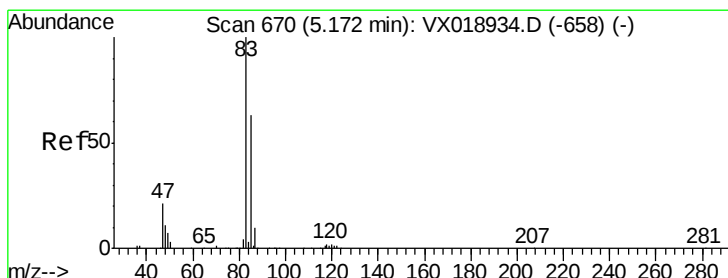
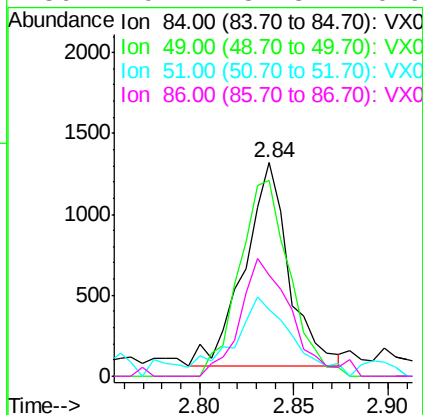




#18
Methvlene Chloride
Concen: 0.757 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018947.D
Acq: 15 Oct 2020 21:00

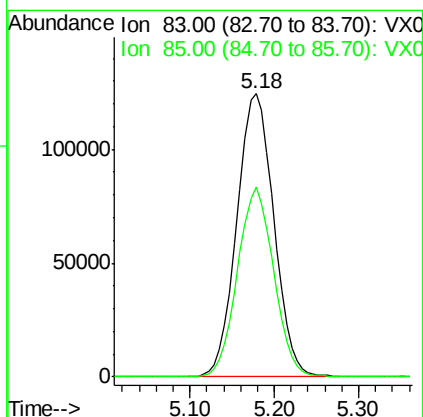
Instrument :
MSVOA_X
ClientSampleId :
14B-3

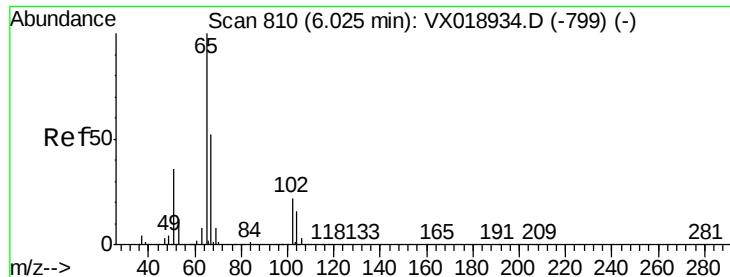
Tot Ion:	84	Resp:	2071
Ion	Ratio	Lower	Upper
84	100		
49	96.2	87.2	130.8
51	28.4	25.9	38.9
86	49.7	51.3	76.9#



#25
Chloroform
Concen: 78.215 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018947.D
Acq: 15 Oct 2020 21:00

Tgt Ion:	83	Resp:	371175
Ion	Ratio	Lower	Upper
83	100		
85	67.0	50.3	75.5





#27

1,2-Dichloroethane-d4

Concen: 32.204 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX018947.D

Acq: 15 Oct 2020 21:00

Instrument :

MSVOA_X

ClientSampleId :

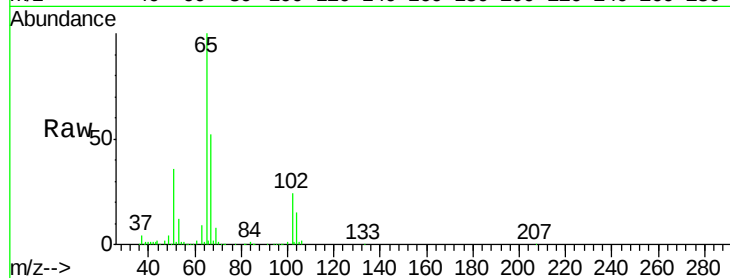
14B-3

Tot Ion: 65 Resp: 93211

Ion Ratio Lower Upper

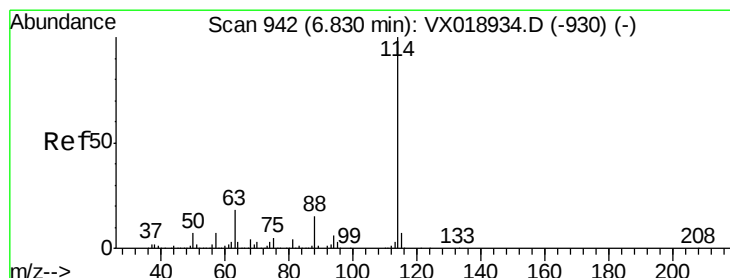
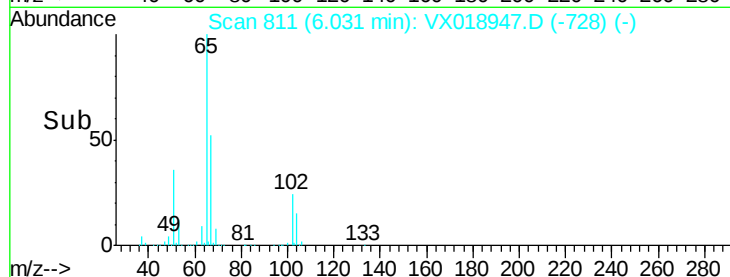
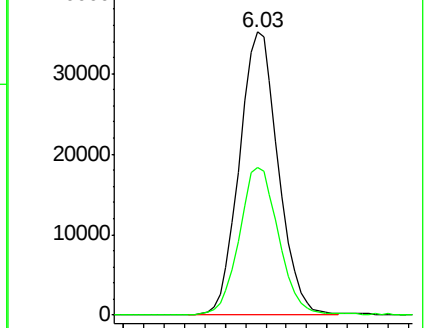
65 100

67 52.1 42.1 63.1



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: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018947.D

Acq: 15 Oct 2020 21:00

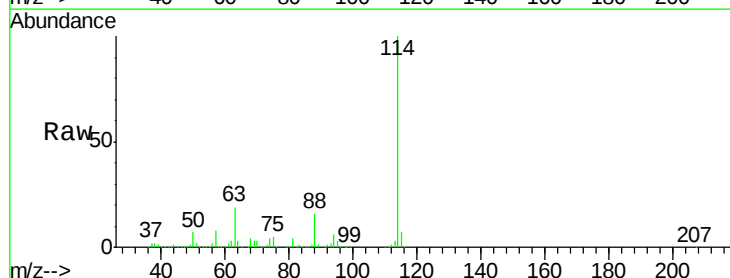
Tgt Ion: 114 Resp: 255144

Ion Ratio Lower Upper

114 100

63 19.0 14.6 21.8

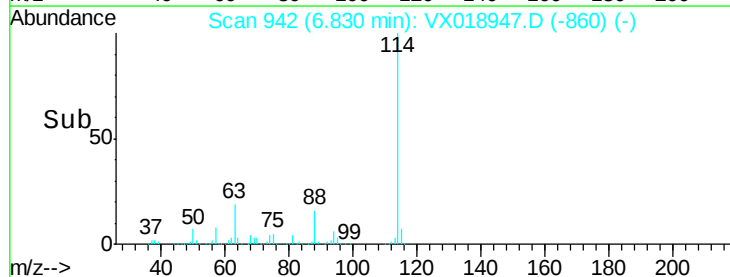
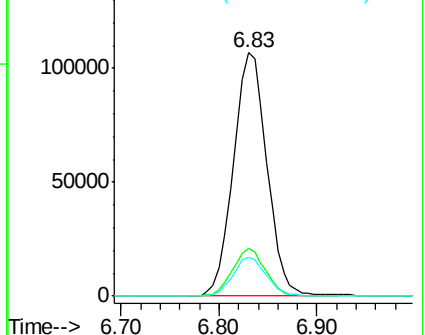
88 15.9 12.3 18.5

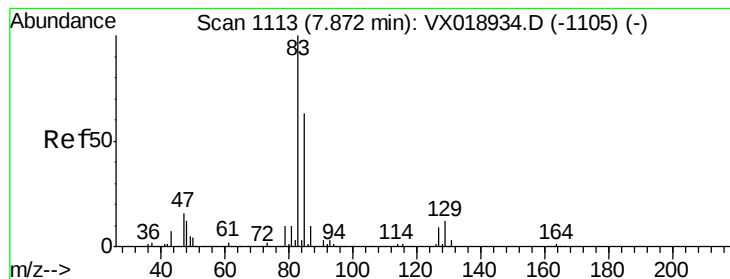


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#41

Bromodichloromethane

Concen: 9.589 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018947.D

Acq: 15 Oct 2020 21:00

Instrument :

MSVOA_X

ClientSampled :

14B-3

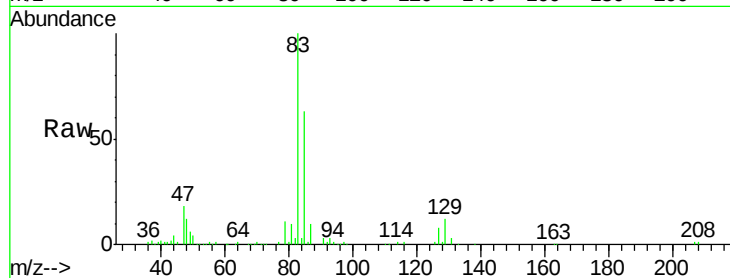
Tot Ion: 83 Resp: 38442

Ion Ratio Lower Upper

83 100

85 62.7 50.4 75.6

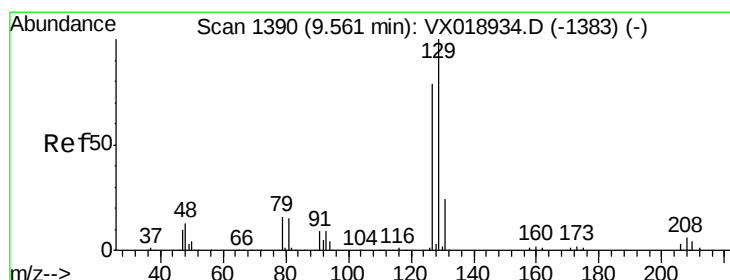
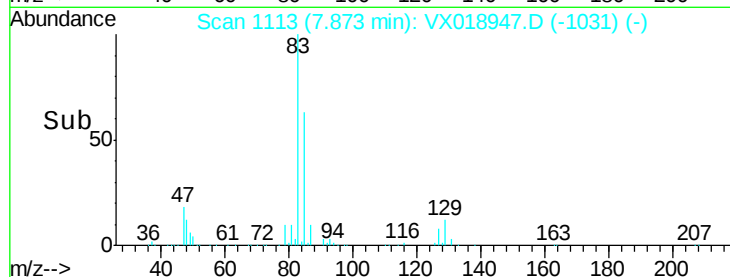
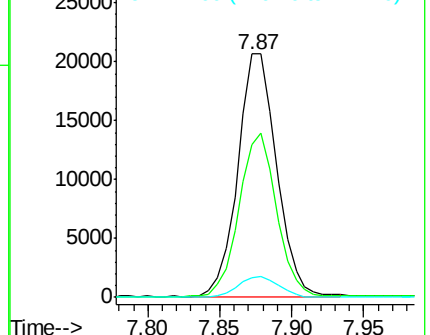
127 8.0 7.5 11.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#53

Dibromochloromethane

Concen: 0.989 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX018947.D

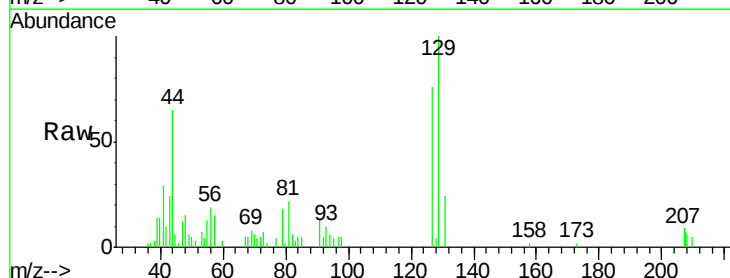
Acq: 15 Oct 2020 21:00

Tgt Ion: 129 Resp: 3326

Ion Ratio Lower Upper

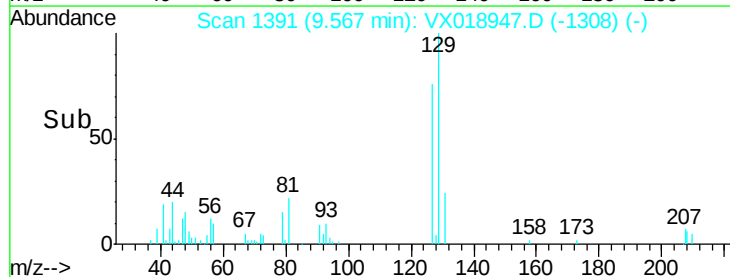
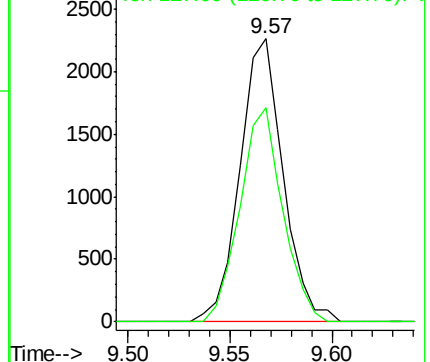
129 100

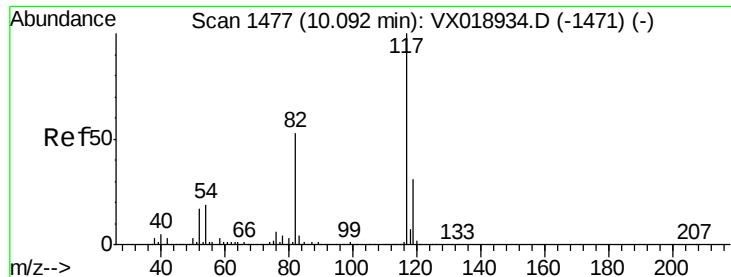
127 75.0 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

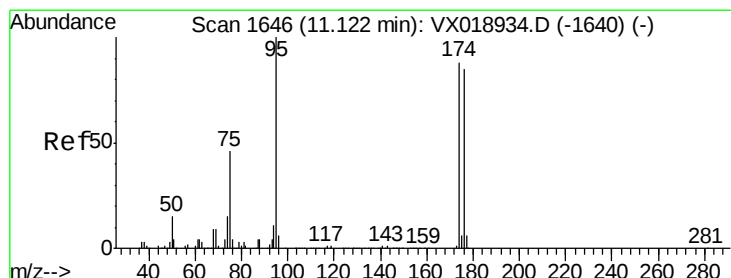
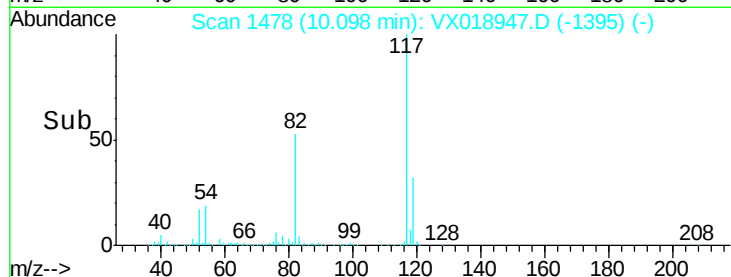
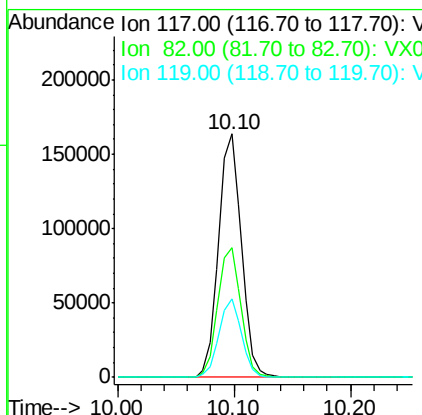
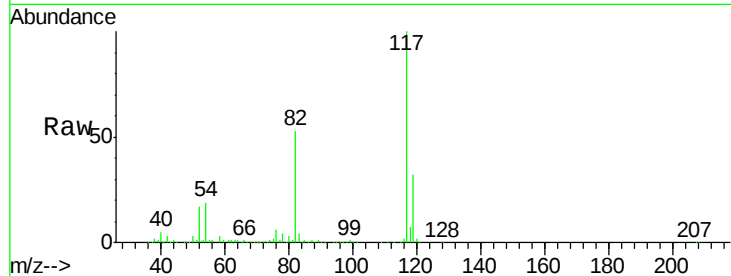




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018947.D
Acq: 15 Oct 2020 21:00

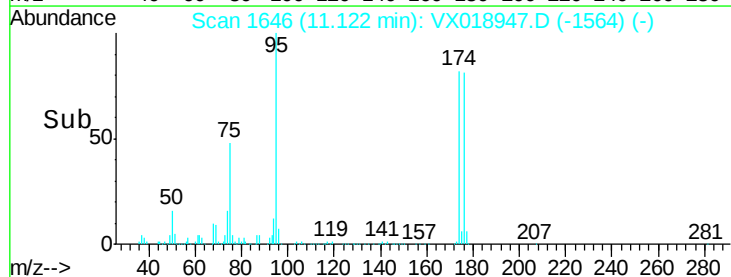
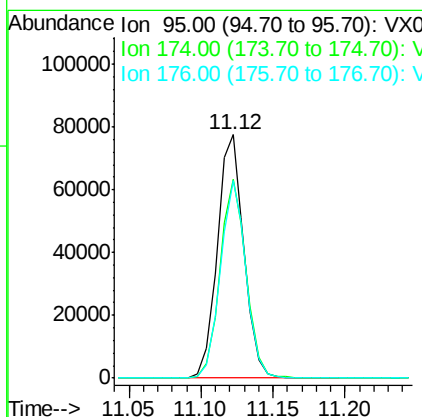
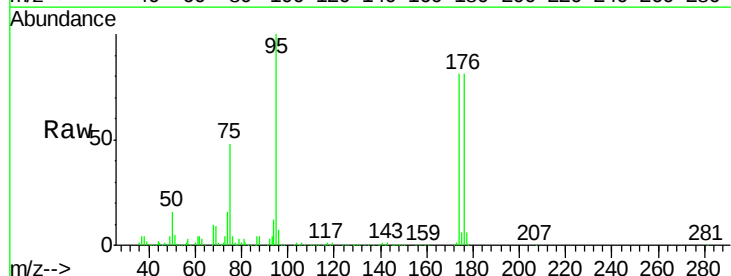
Instrument :
MSVOA_X
ClientSampled :
14B-3

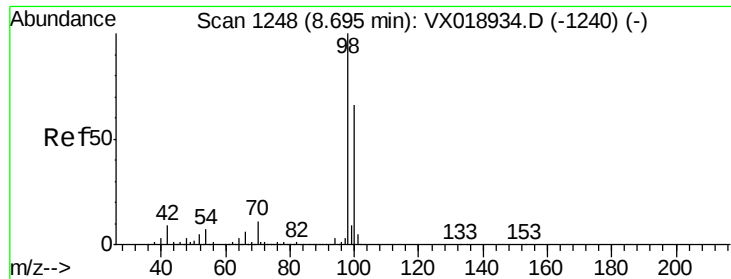
Tot Ion:117 Resp: 220936
Ion Ratio Lower Upper
117 100
82 54.3 41.6 62.4
119 32.2 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 29.049 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018947.D
Acq: 15 Oct 2020 21:00

Tgt Ion: 95 Resp: 99920
Ion Ratio Lower Upper
95 100
174 80.2 67.0 100.4
176 78.8 64.5 96.7





#63

Toluene-d8

Concen: 31.416 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018947.D

Acq: 15 Oct 2020 21:00

Instrument :

MSVOA_X

ClientSampleId :

14B-3

Tot Ion: 98 Resp: 303212

Ion Ratio Lower Upper

98 100

100 66.3 53.2 79.8

