

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017145.D
 Acq On : 02 Jul 2020 14:01
 Operator : JC/SP
 Sample : L3194-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2020-1-7

Quant Time: Jul 03 01:22:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	40498	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	199111	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	191575	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	88546	28.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.63%
60) 4-Bromofluorobenzene	11.12	95	84998	26.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.67%
63) Toluene-d8	8.70	98	237158	28.08	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	93.60%

Target Compounds

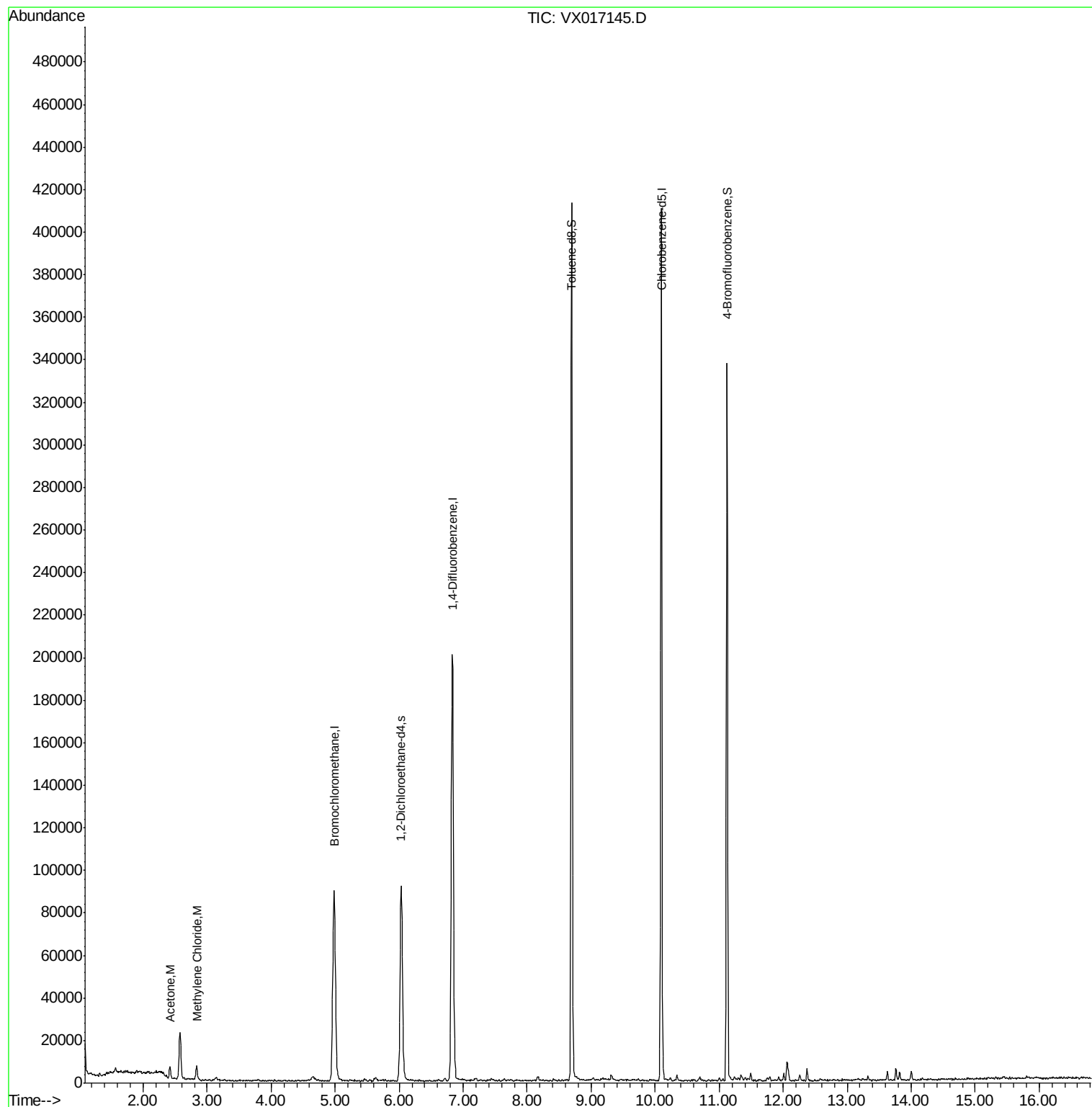
					Ovalue
15) Acetone	2.42	58	1765	4.924	ug/l 84
18) Methylene Chloride	2.84	84	2926	1.048	ug/l 86

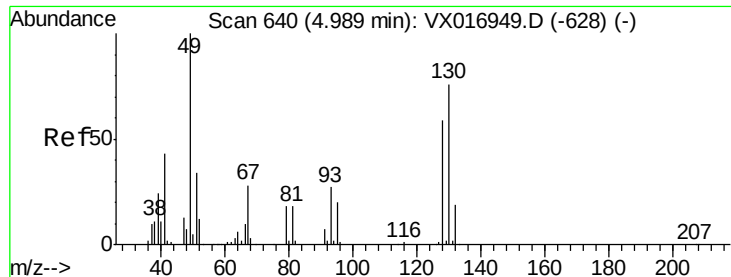
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX017145.D

Acq: 02 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampled :

TB-2020-1-7

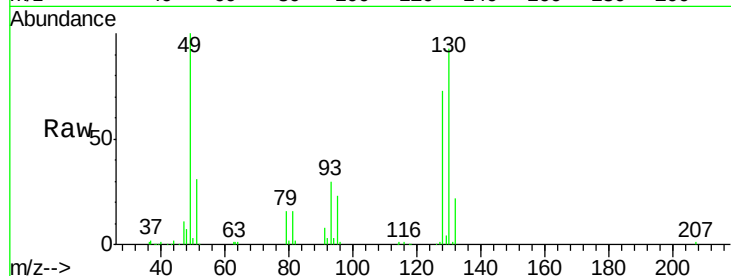
Tot Ion:128 Resp: 40498

Ion Ratio Lower Upper

128 100

49 145.1 0.0 428.0

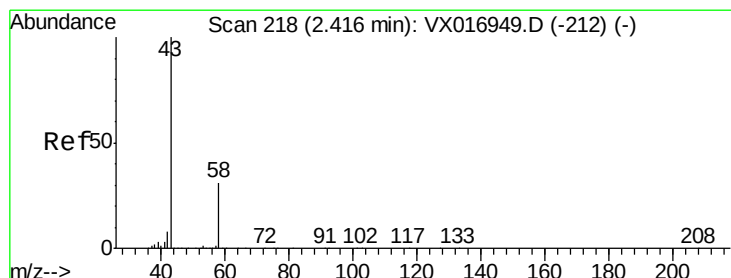
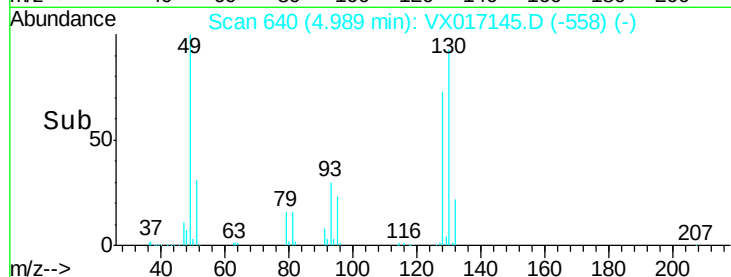
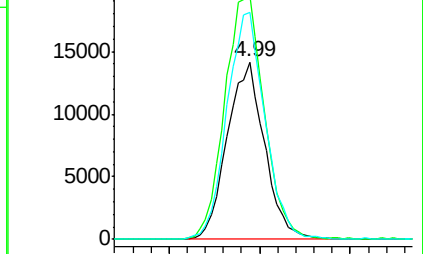
130 130.0 0.0 318.0



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: 4.924 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017145.D

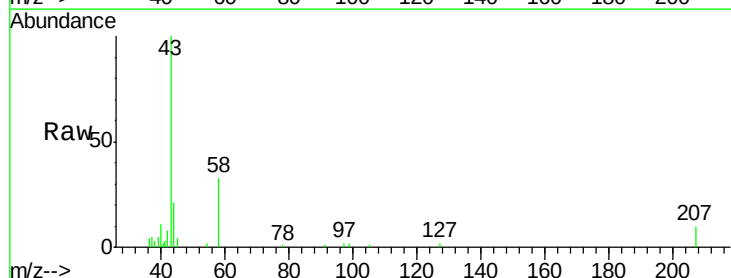
Acq: 02 Jul 2020 14:01

Tgt Ion: 58 Resp: 1765

Ion Ratio Lower Upper

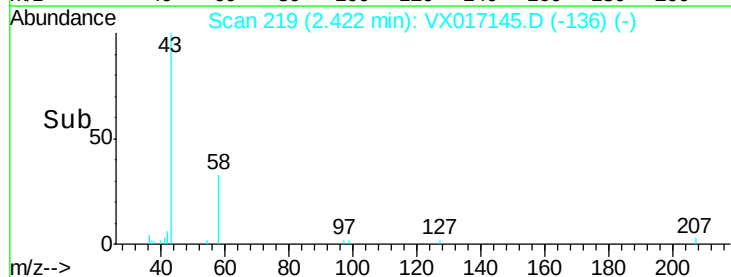
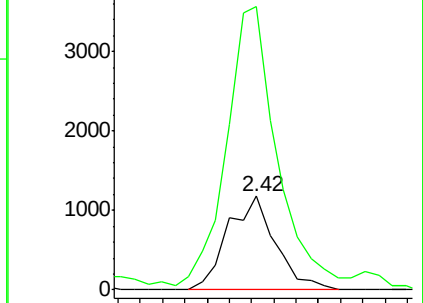
58 100

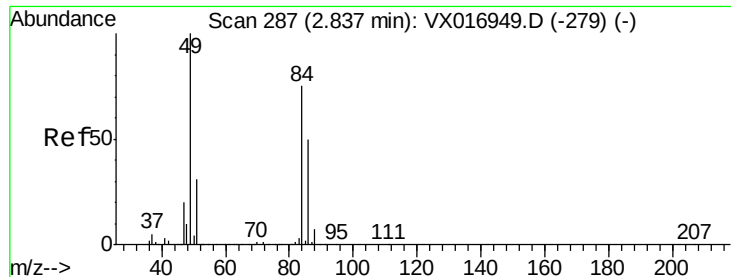
43 289.8 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

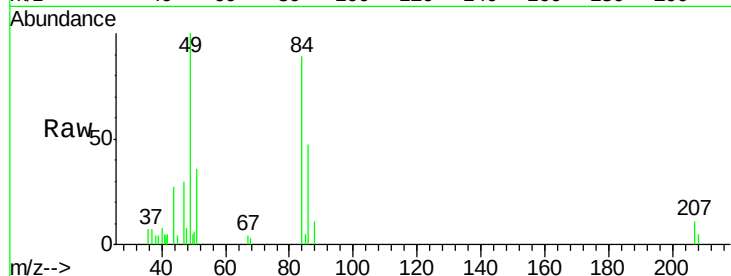




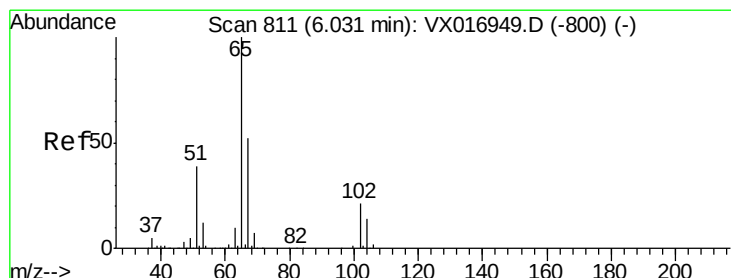
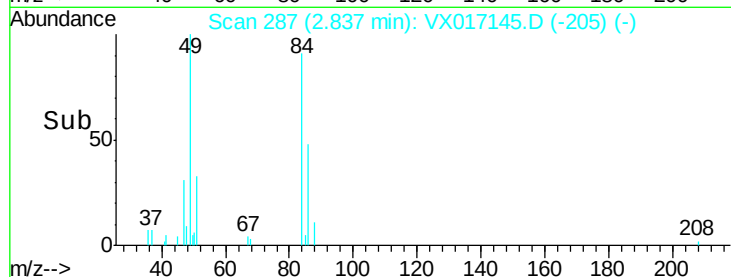
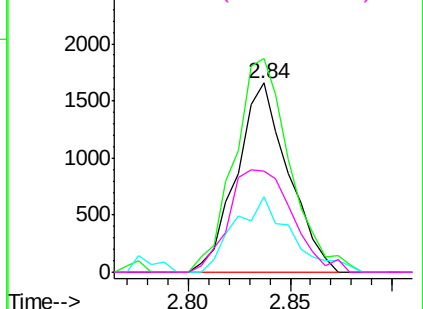
#18
Methvlene Chloride
Concen: 1.048 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampled :
TB-2020-1-7

Tot Ion: 84 Resp: 2926
Ion Ratio Lower Upper
84 100
49 112.9 106.6 159.8
51 40.2 32.7 49.1
86 53.2 53.0 79.6

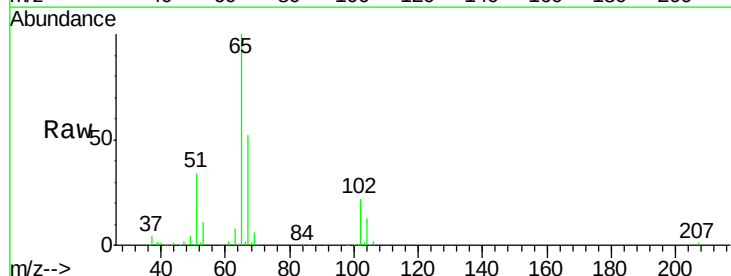


Abundance Ion 84.00 (83.70 to 84.70): VX0
Ion 49.00 (48.70 to 49.70): VX0
Ion 51.00 (50.70 to 51.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

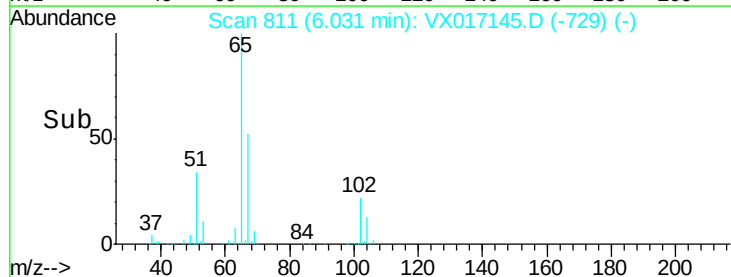
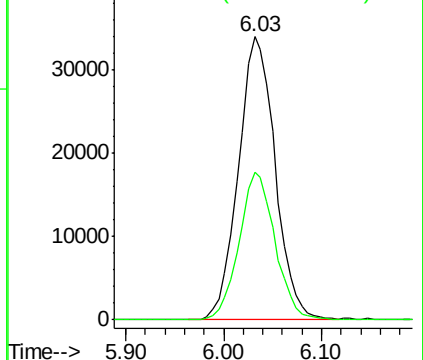


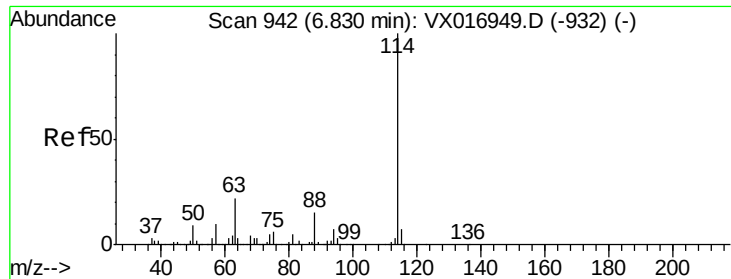
#27
1,2-Dichloroethane-d4
Concen: 28.091 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017145.D
Acq: 02 Jul 2020 14:01

Tgt Ion: 65 Resp: 88546
Ion Ratio Lower Upper
65 100
67 51.2 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0
Ion 67.00 (66.70 to 67.70): VX0

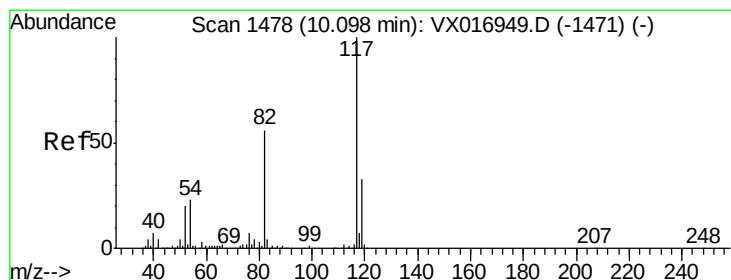
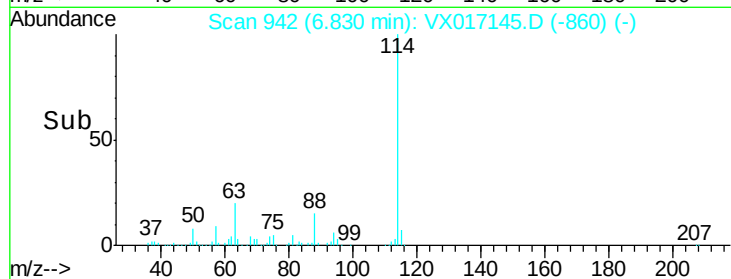
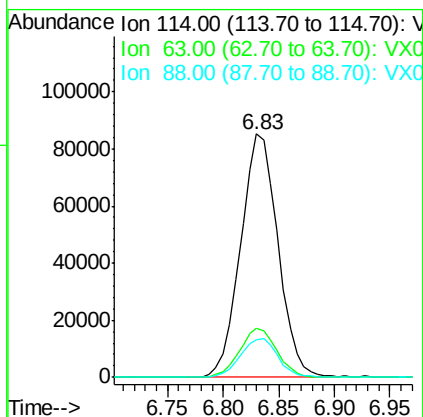
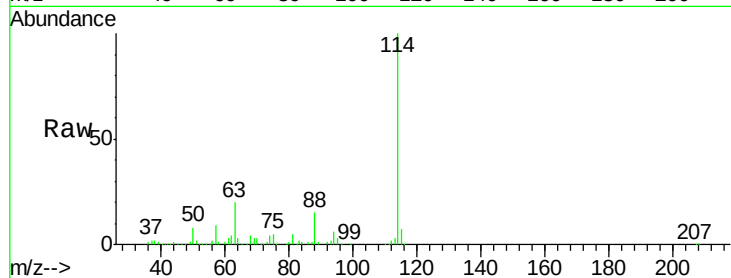




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017145.D
 Acq: 02 Jul 2020 14:01

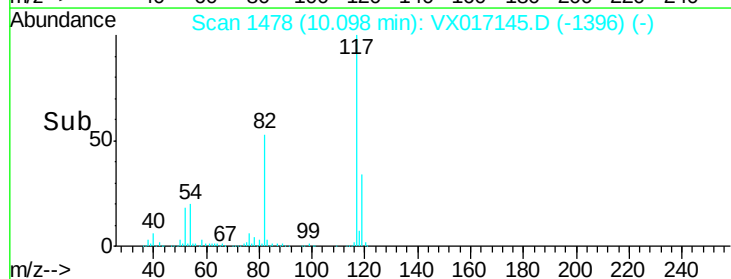
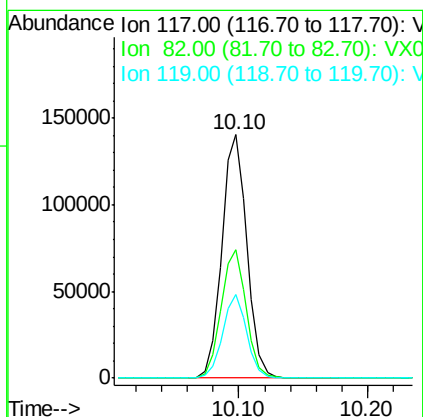
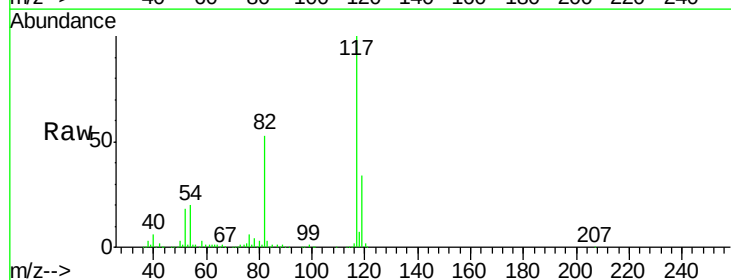
Instrument :
 MSVOA_X
 ClientSampled :
 TB-2020-1-7

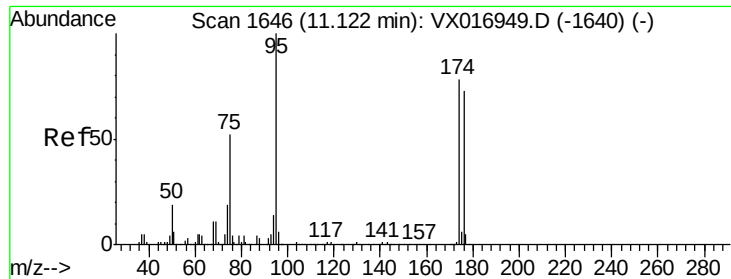
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	17.4	26.2
88	16.0	13.0	19.6



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: VX017145.D
 Acq: 02 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	44.9	67.3
119	33.2	25.8	38.8

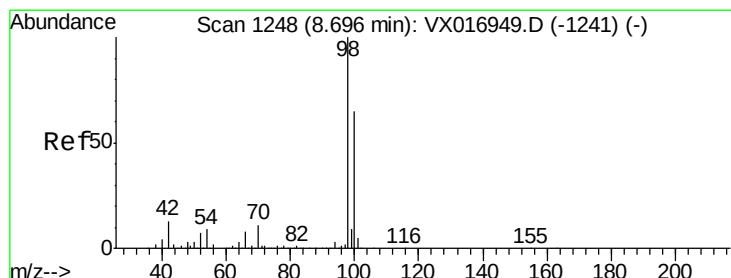
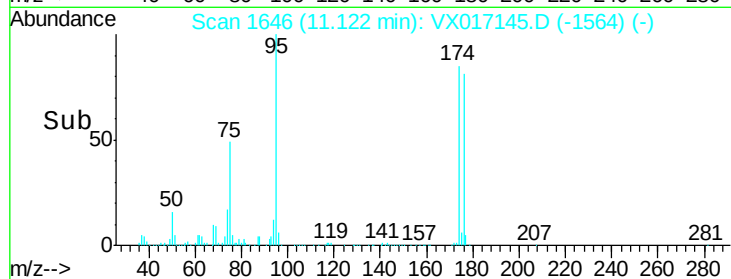
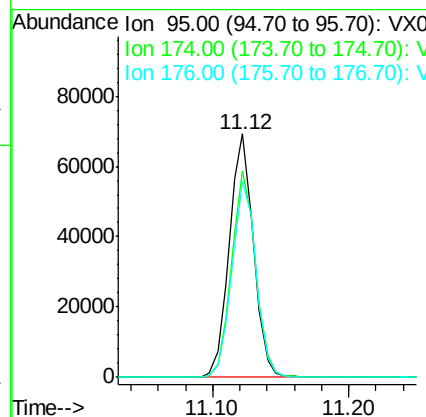
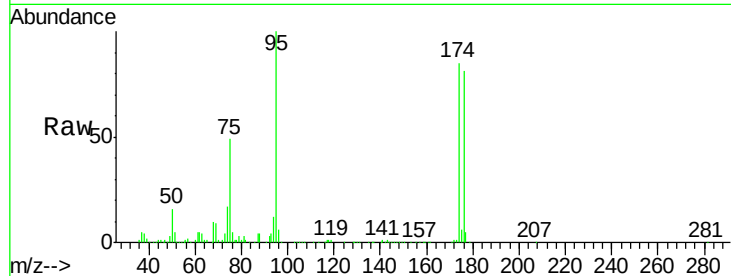




#60
 4-Bromofluorobenzene
 Concen: 26.604 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017145.D
 Acq: 02 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2020-1-7

Tot Ion	95	Resp	84998
Ion Ratio	Lower	Upper	
95	100		
174	84.4	62.2	93.4
176	80.5	58.9	88.3



#63
 Toluene-d8
 Concen: 28.084 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017145.D
 Acq: 02 Jul 2020 14:01

Tgt Ion	98	Resp	237158
Ion Ratio	Lower	Upper	
98	100		
100	66.7	52.3	78.5

