

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX020520\
 Data File : VX014817.D
 Acq On : 05 Feb 2020 13:12
 Operator : JC/SP
 Sample : L1377-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02032020

Manual Integrations
 APPROVED

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 2/6/2020 1:34:06 PM

Quant Time: Feb 17 17:09:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	63224	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	330191	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	293434	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	140107	31.53	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	105.10%		
60) 4-Bromofluorobenzene	11.13	95	125733	26.78	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	89.27%		
63) Toluene-d8	8.71	98	397366	29.98	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	99.93%		
Target Compounds						
15) Acetone	2.43	58	24786	34.175	ug/l	Ovalue 84
30) 2-Butanone	4.66	43	20589m	6.712	ug/l	

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

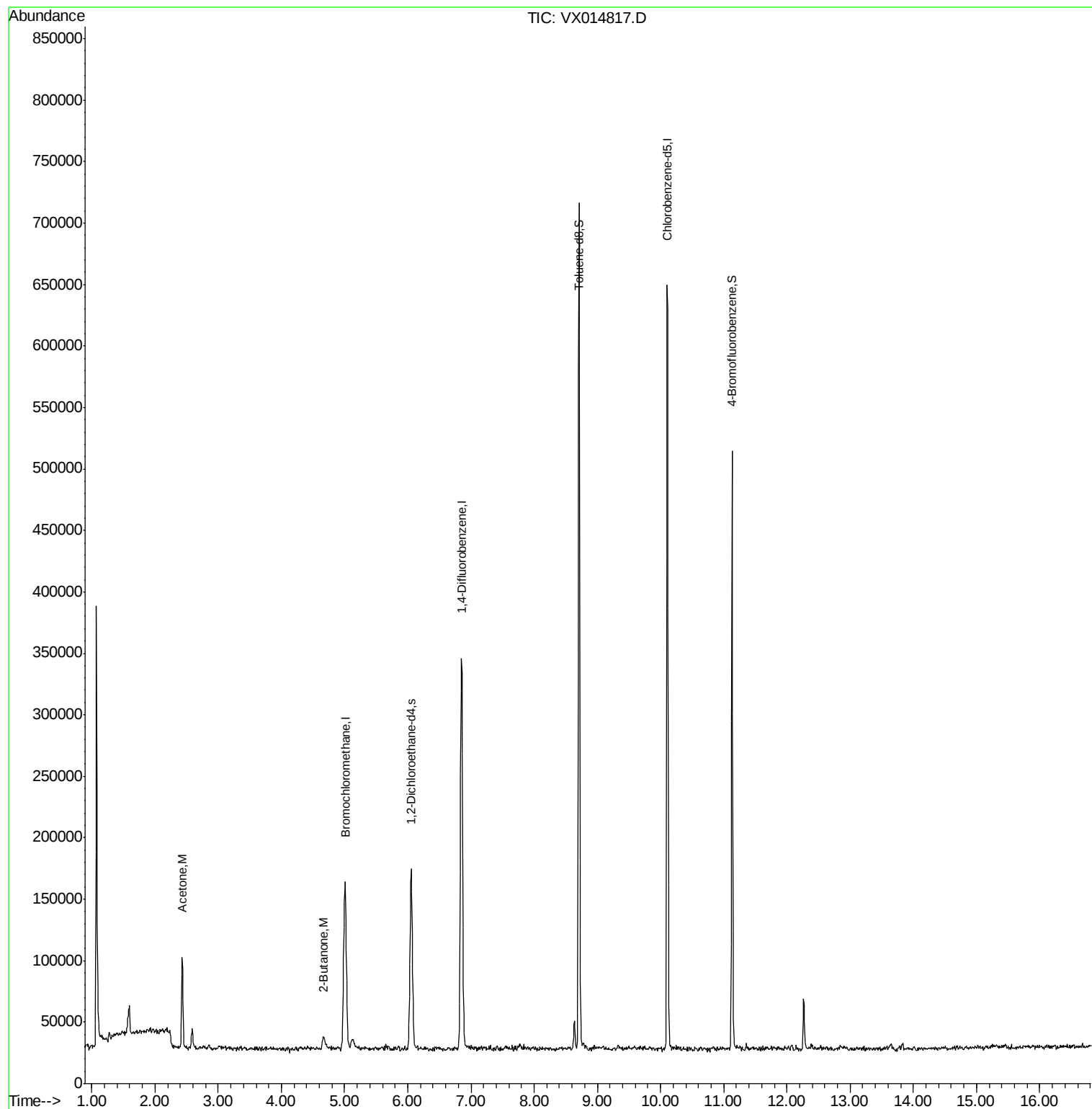
Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX020520\
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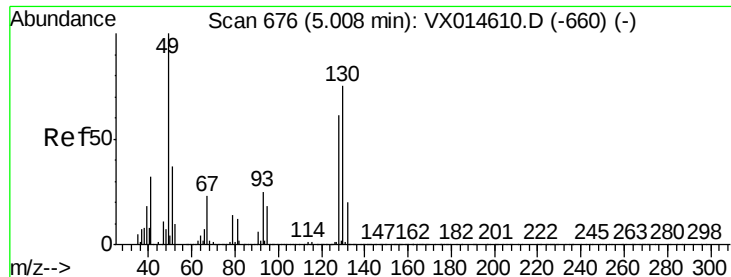
Instrument :
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#1

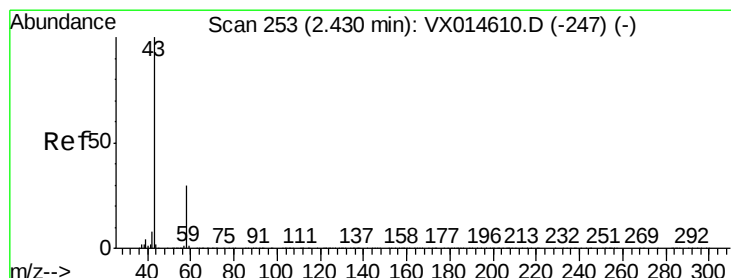
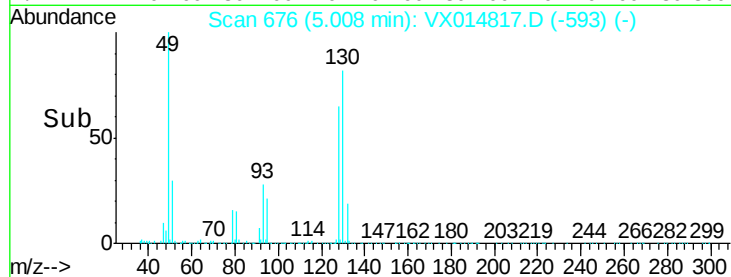
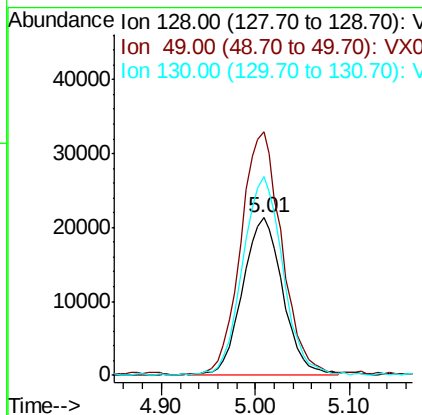
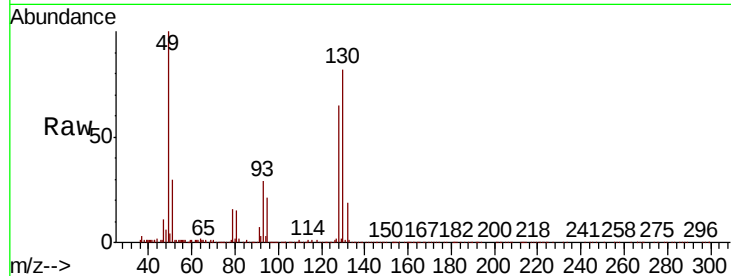
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014817.D
 Acq: 05 Feb 2020 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02032020

Tot Ion	Ratio	Lower	Upper
128	100		
49	159.1	0.0	405.0
130	126.8	0.0	321.5

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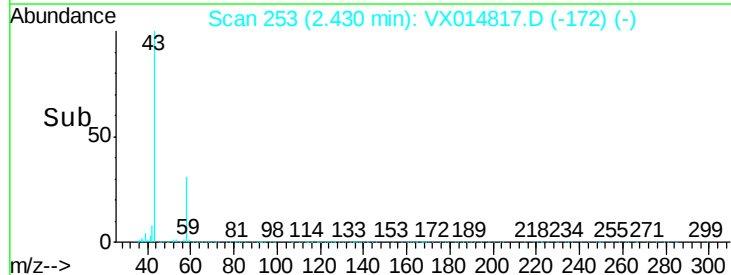
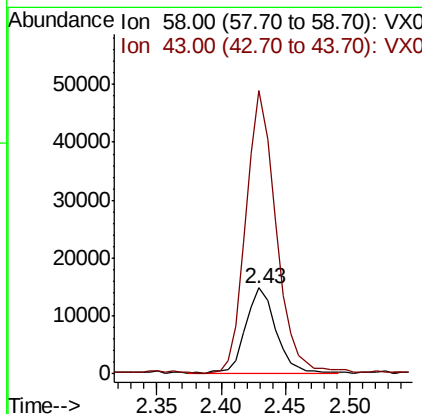
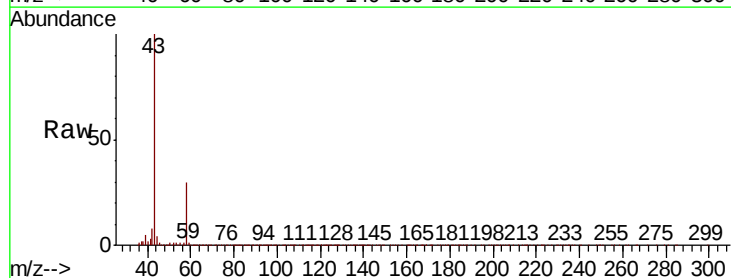
MMDadoda
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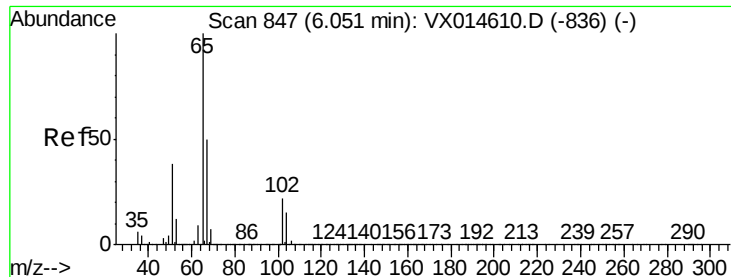


#15

Acetone
 Concen: 34.175 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014817.D
 Acq: 05 Feb 2020 13:12

Tgt Ion	Ratio	Lower	Upper
58	100		
43	327.2	236.3	354.5





#27

1,2-Dichloroethane-d4

Concen: 31.528 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014817.D

Acq: 05 Feb 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

FB-02032020

Tot Ion: 65 Resp: 140107

Ion Ratio Lower Upper

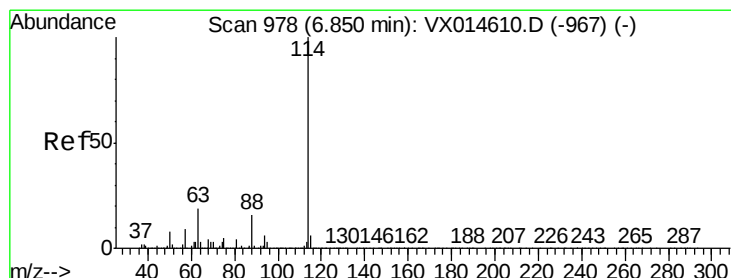
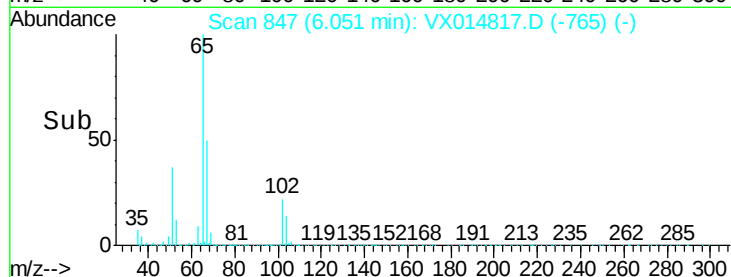
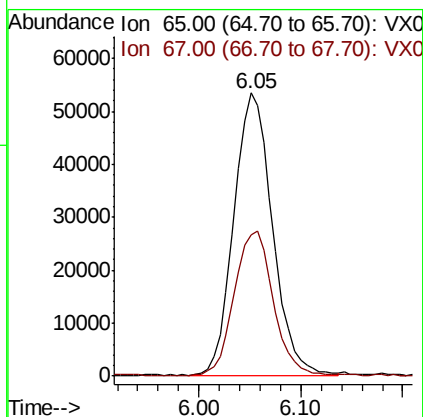
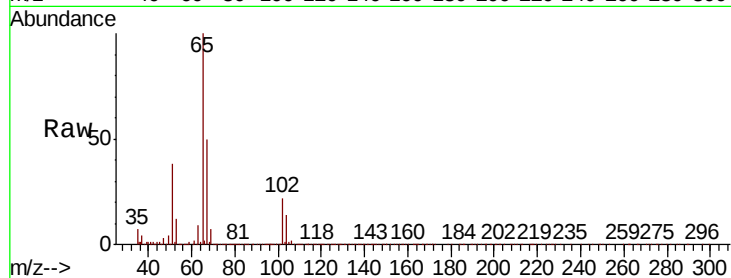
65 100

67 51.4 43.1 64.7

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014817.D

Acq: 05 Feb 2020 13:12

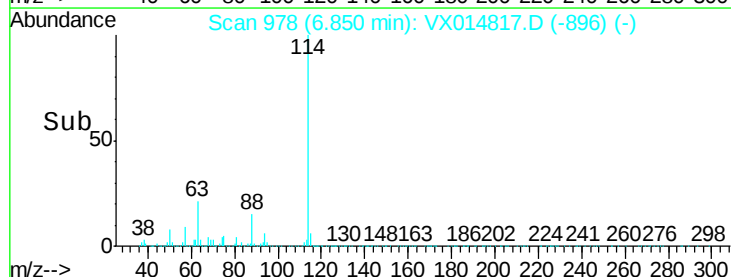
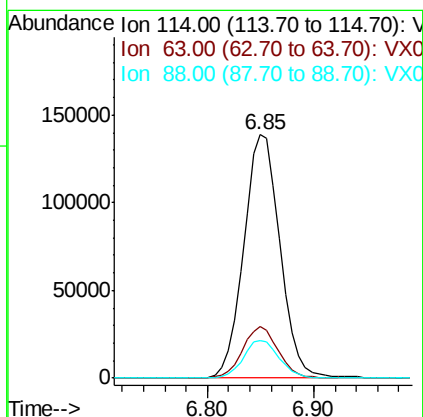
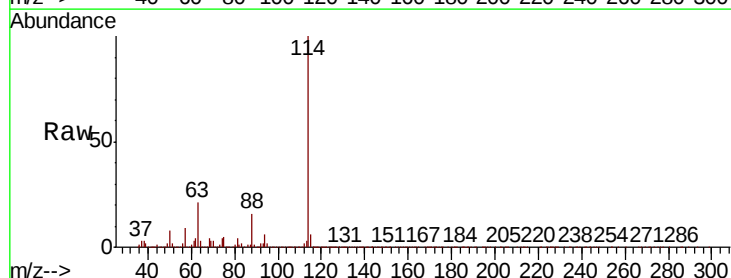
Tgt Ion: 114 Resp: 330191

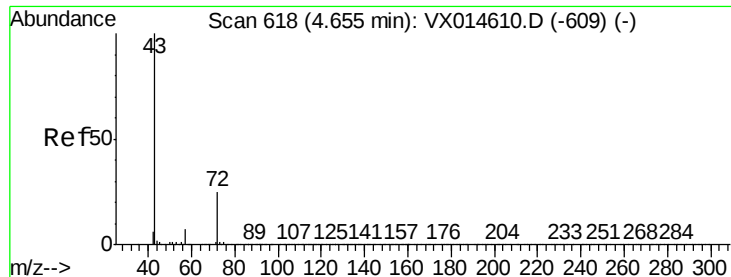
Ion Ratio Lower Upper

114 100

63 20.8 16.1 24.1

88 15.4 12.5 18.7





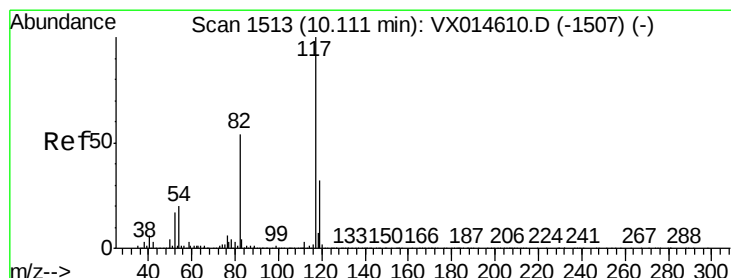
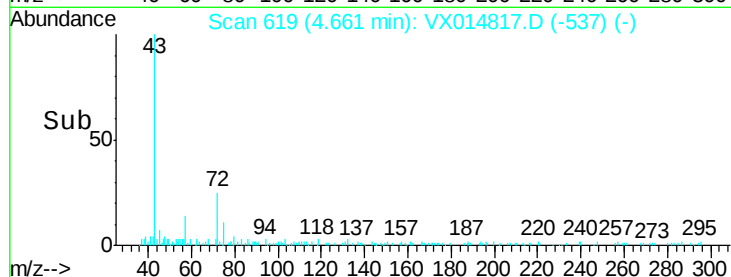
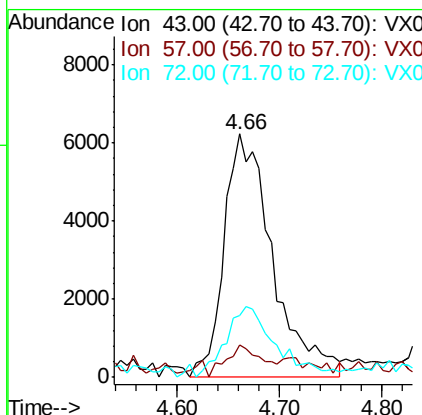
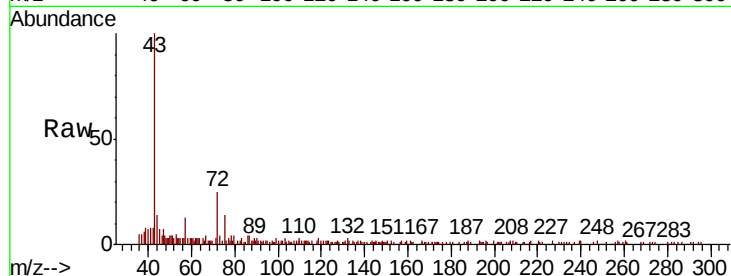
#30
2-Butanone
Concen: 6.712 ug/l m
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX014817.D
Acq: 05 Feb 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
FB-02032020

Tot Ion	Ratio	Lower	Upper
43	100		
57	9.8	6.2	9.2#
72	27.0	20.3	30.5

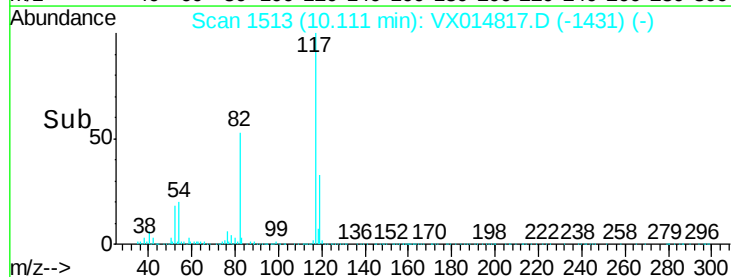
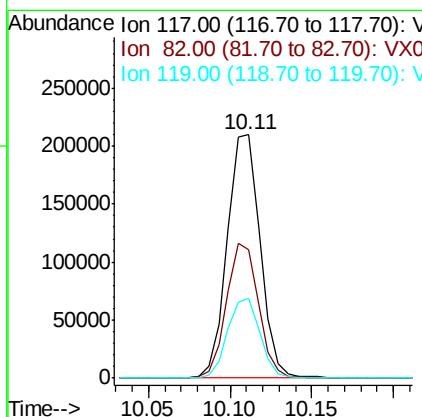
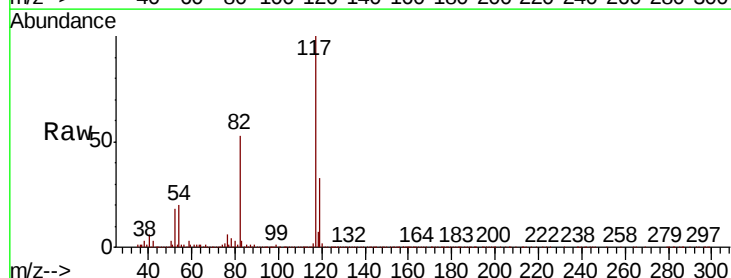
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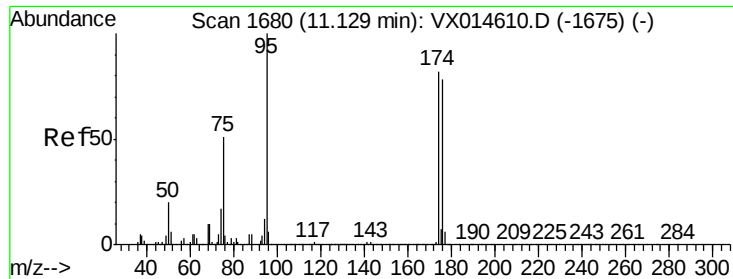
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014817.D
Acq: 05 Feb 2020 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.6
119	32.6	25.8	38.6





#60

4-Bromofluorobenzene

Concen: 26.777 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014817.D

Acq: 05 Feb 2020 13:12

Instrument :

MSVOA_X

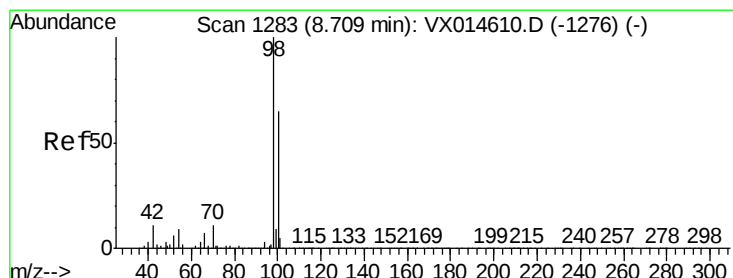
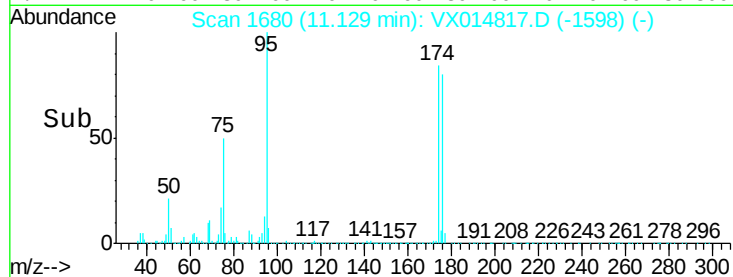
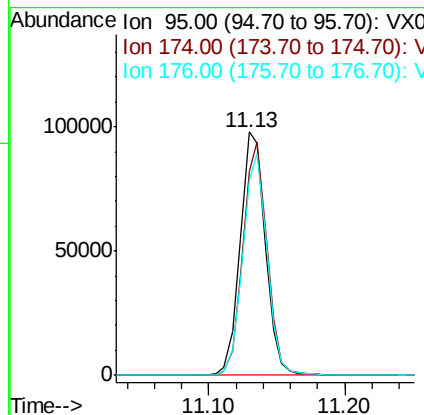
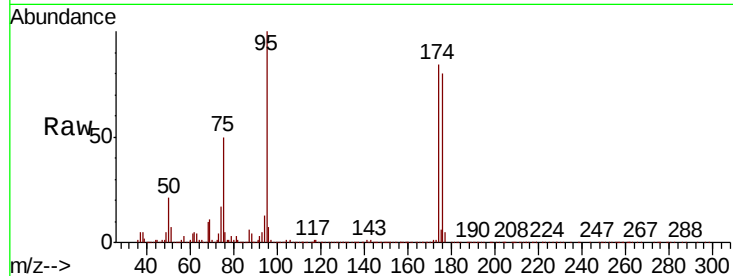
ClientSampleId :

FB-02032020

Tot Ion:	95	Resp:	125733
Ion Ratio	Lower	Upper	
95	100		
174	92.3	70.2	105.2
176	88.5	68.3	102.5

Manual Integrations
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2/6/2020 1:34:06 PM



#63

Toluene-d8

Concen: 29.980 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014817.D

Acq: 05 Feb 2020 13:12

Tgt Ion:	98	Resp:	397366
Ion Ratio	Lower	Upper	
98	100		
100	65.0	52.2	78.2

