

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014826.D
 Acq On : 05 Feb 2020 16:41
 Operator : JC/SP
 Sample : L1377-04RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02032020RE

Manual Integrations
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Quant Time: Feb 06 04:43:10 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	5.00	128	63775	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	349658	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	309638	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	141061	31.47	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	104.90%		
60) 4-Bromofluorobenzene	11.13	95	137033	27.66	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	92.20%		
63) Toluene-d8	8.71	98	412788	29.51	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	98.37%		
Target Compounds						
15) Acetone	2.43	58	22647	30.956	ug/l	83
30) 2-Butanone	4.67	43	19833m	6.105	ug/l	
58) 4-Methyl-2-Pentanone	8.64	43	15206	2.608	ug/l	95

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

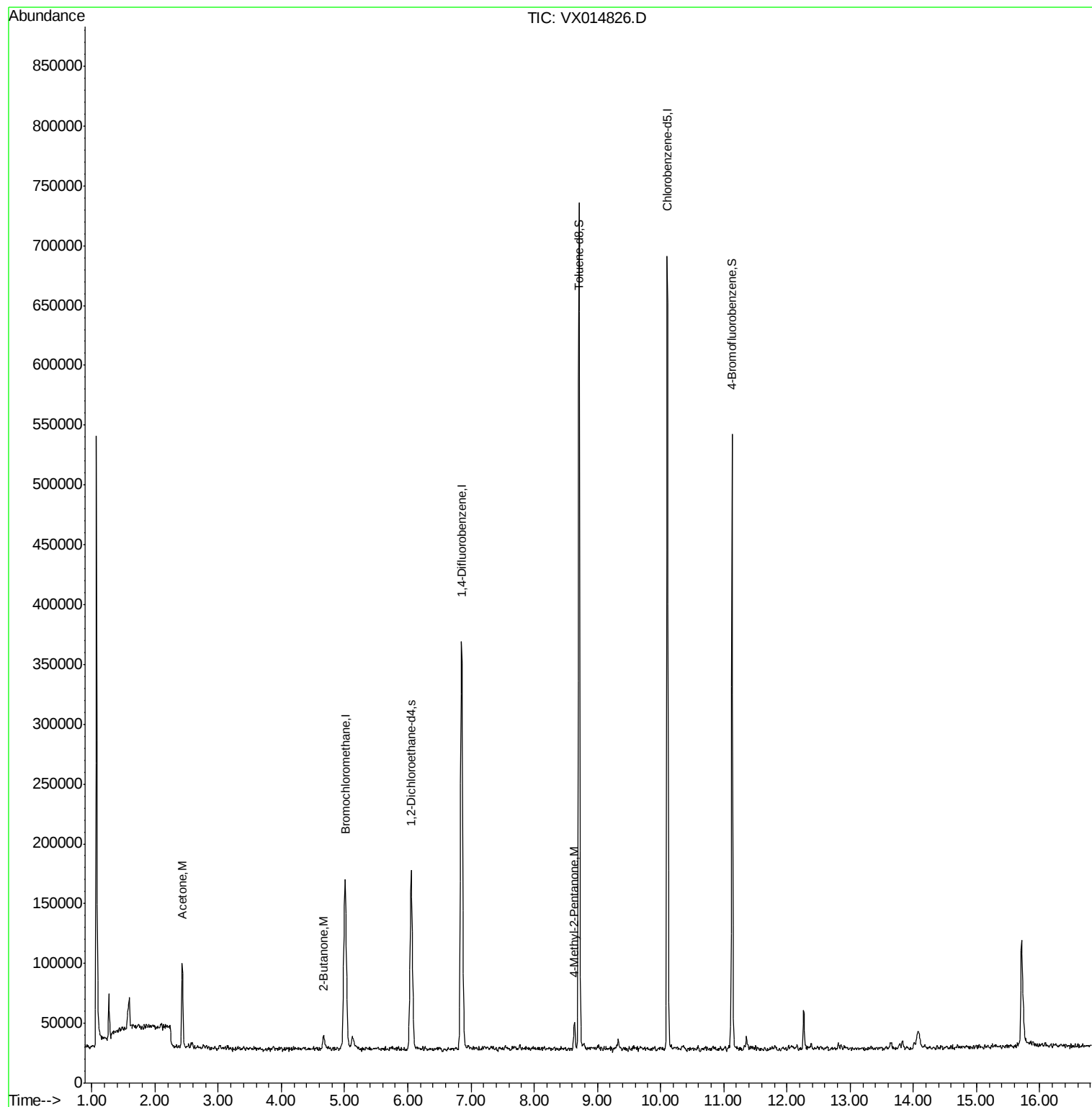
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020520\
Data File : VX014826.D
Acq On : 05 Feb 2020 16:41
Operator : JC/SP
Sample : L1377-04RE
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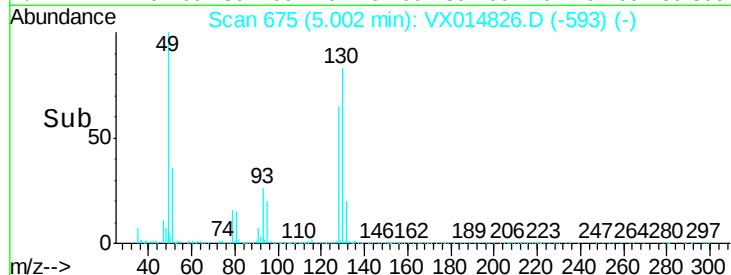
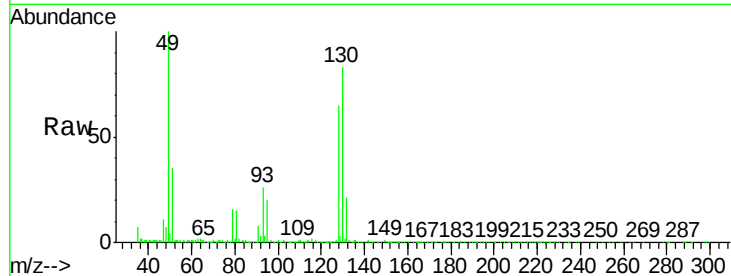
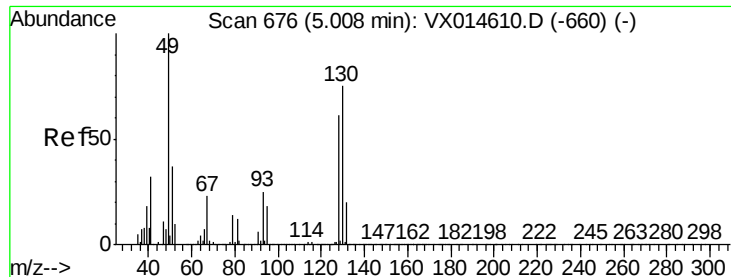
Instrument :
MSVOA_X
ClientSampleId :
FB-02032020RE

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Quant Time: Feb 06 04:43:10 2020
Quant Method : Z:\V0ASRV\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





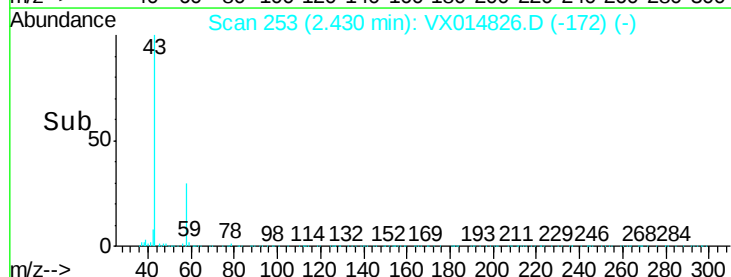
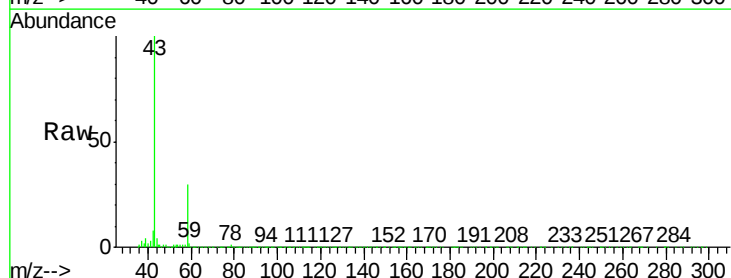
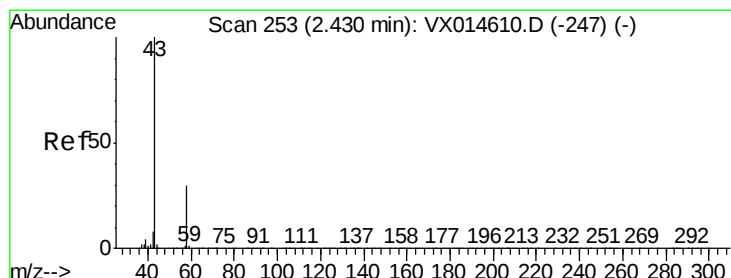
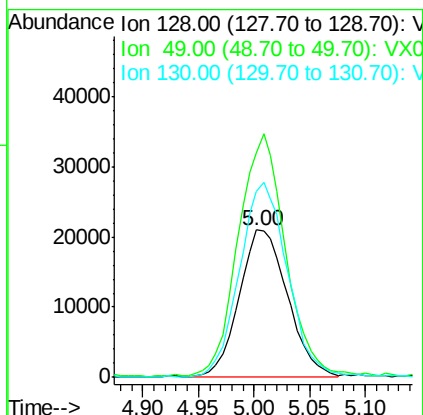
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014826.D
Acq: 05 Feb 2020 16:41

Tot Ion:	128	Resp:	63775
Ion	Ratio	Lower	Upper
128	100		
49	161.4	0.0	405.0
130	130.9	0.0	321.5

Instrument :
MSVOA_X
ClientSampleId :
FB-02032020RE

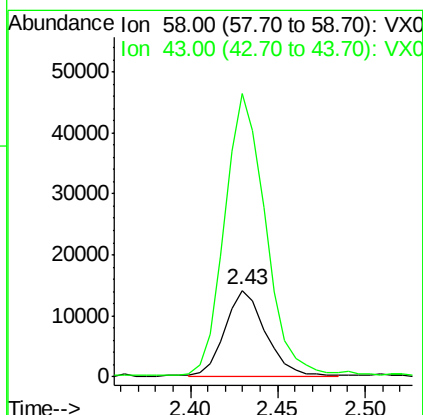
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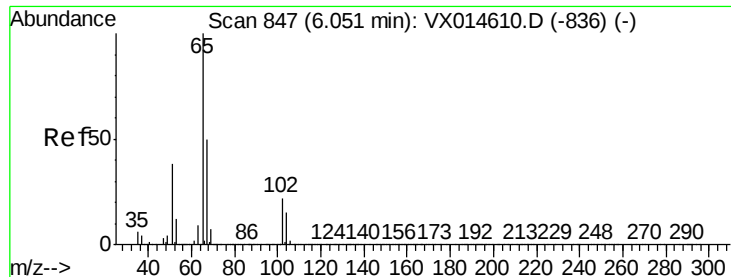
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#15
Acetone
Concen: 30.956 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014826.D
Acq: 05 Feb 2020 16:41

Tgt Ion:	58	Resp:	22647
Ion	Ratio	Lower	Upper
58	100		
43	329.1	236.3	354.5





#27

1,2-Dichloroethane-d4

Concen: 31.468 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014826.D

Acq: 05 Feb 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

FB-02032020RE

Tot Ion: 65 Resp: 141061

Ion Ratio Lower Upper

65 100

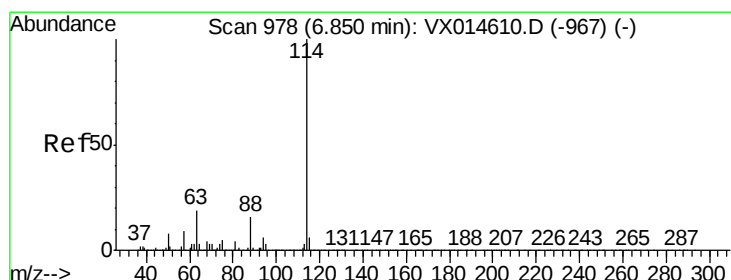
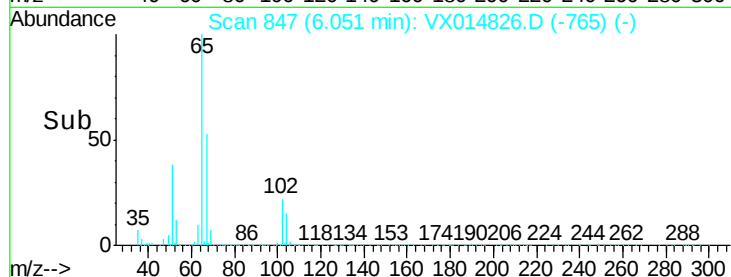
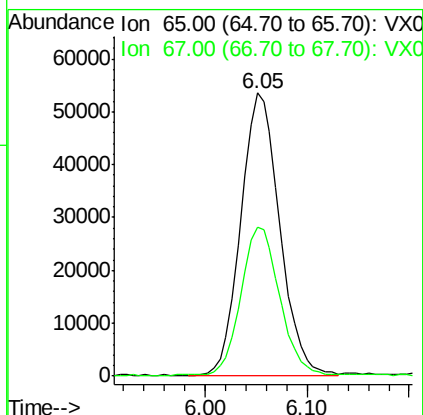
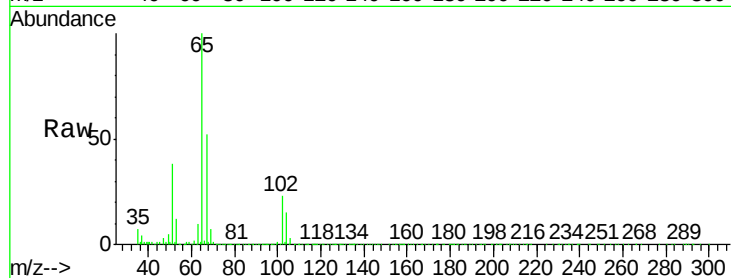
67 52.0 43.1 64.7

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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: VX014826.D

Acq: 05 Feb 2020 16:41

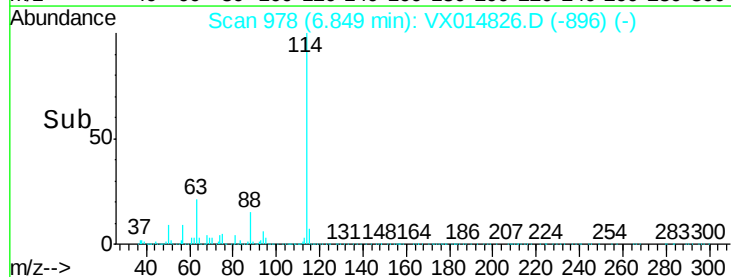
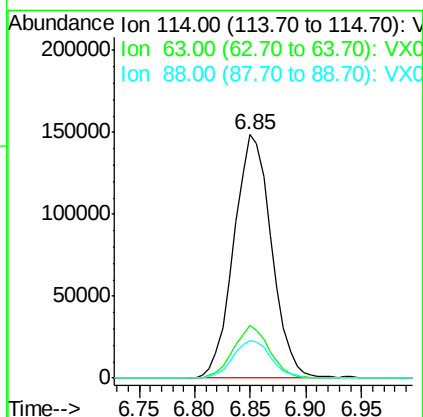
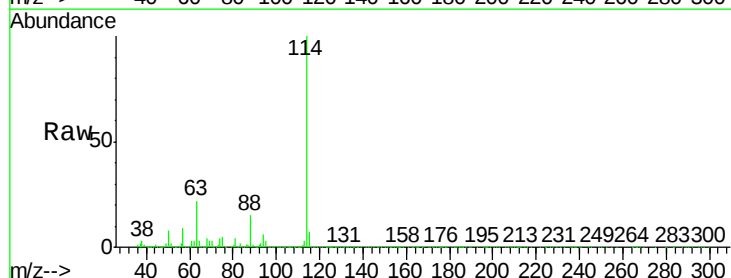
Tgt Ion: 114 Resp: 349658

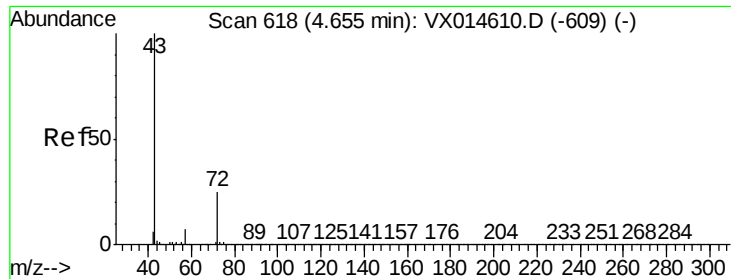
Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

88 15.7 12.5 18.7





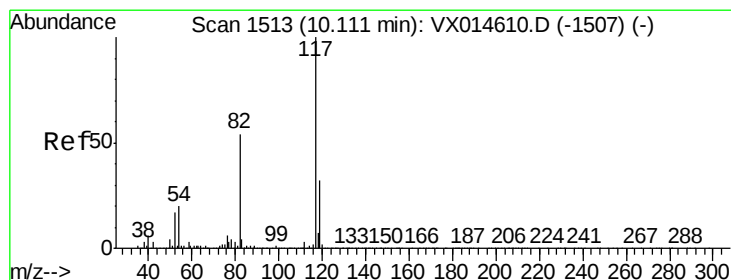
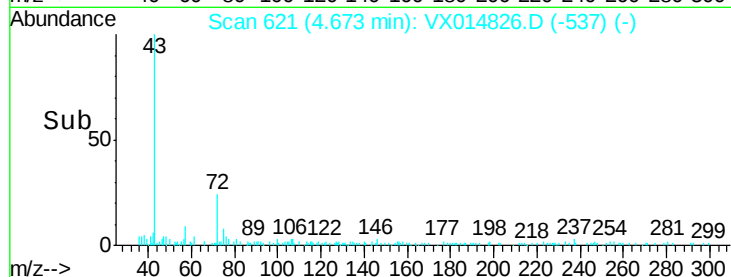
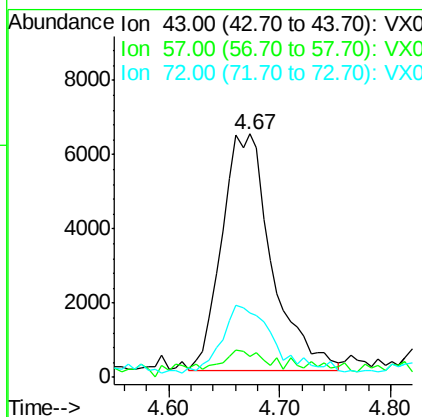
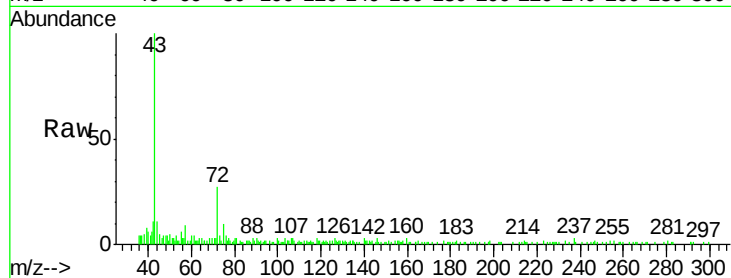
#30
2-Butanone
Concen: 6.105 ug/l m
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX014826.D
Acq: 05 Feb 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
FB-02032020RE

Tot Ion	Ratio	Lower	Upper
43	100		
57	4.0	6.2	9.2#
72	27.0	20.3	30.5

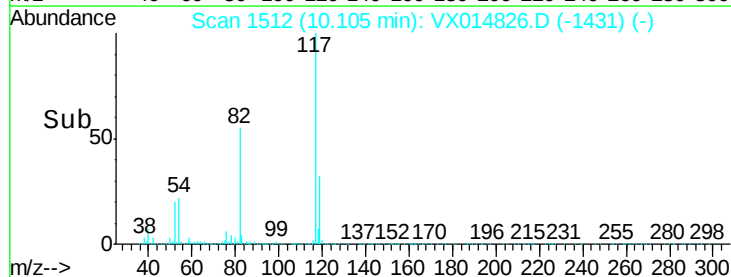
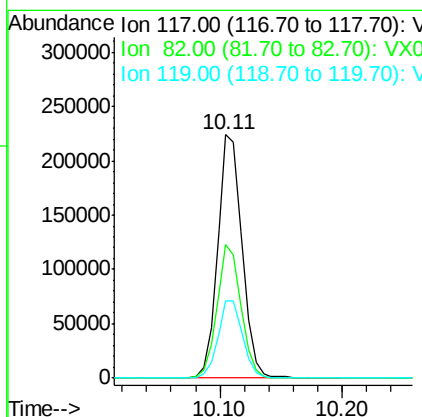
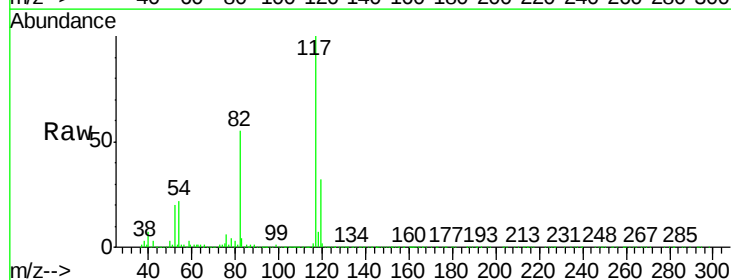
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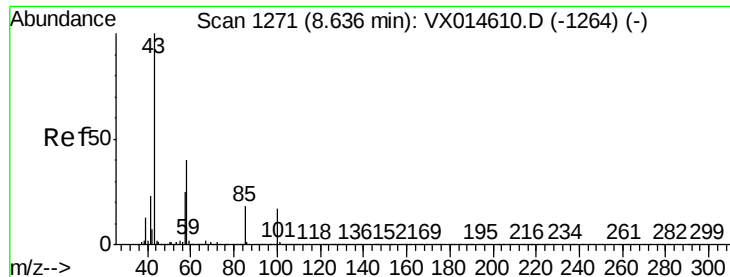
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014826.D
Acq: 05 Feb 2020 16:41

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.6
119	32.4	25.8	38.6





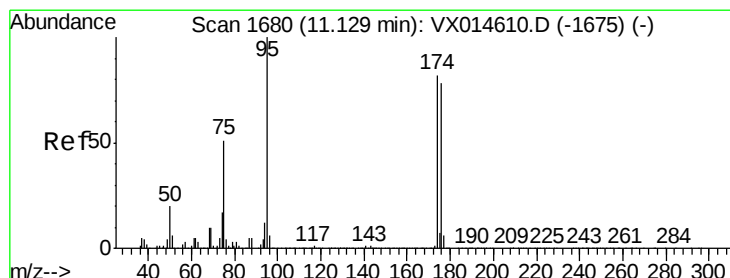
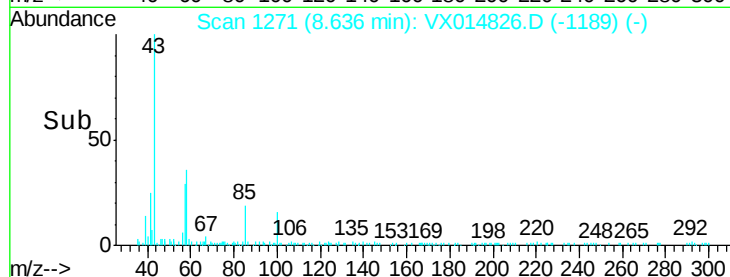
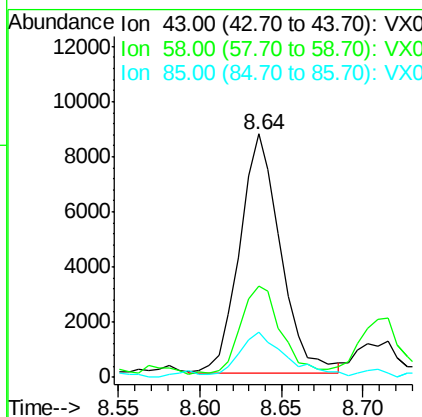
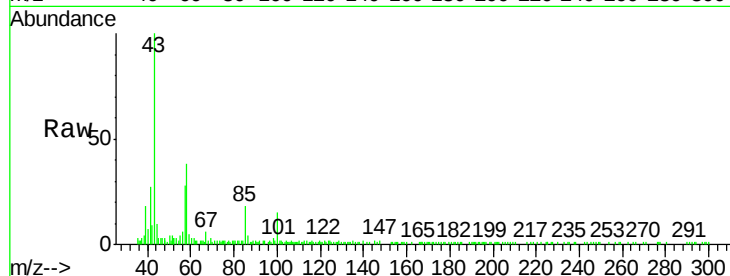
#58
 4-Methyl-2-Pentanone
 Concen: 2.608 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014826.D
 Acq: 05 Feb 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02032020RE

Tot Ion:	43	Resp:	15206
Ion Ratio	Lower	Upper	
43	100		
58	36.0	31.2	46.8
85	19.5	14.2	21.2

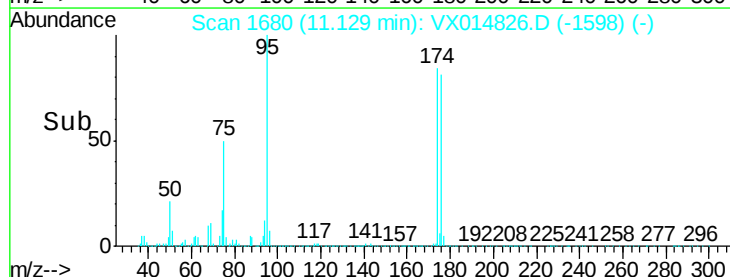
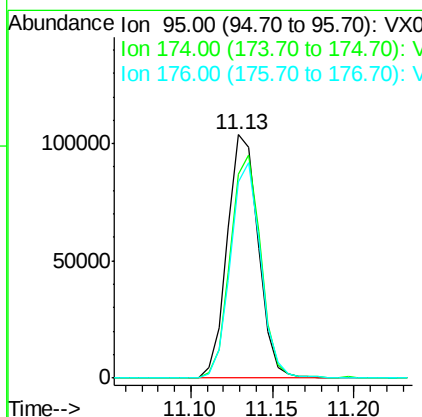
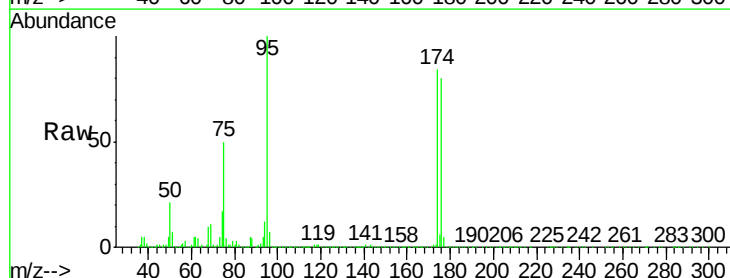
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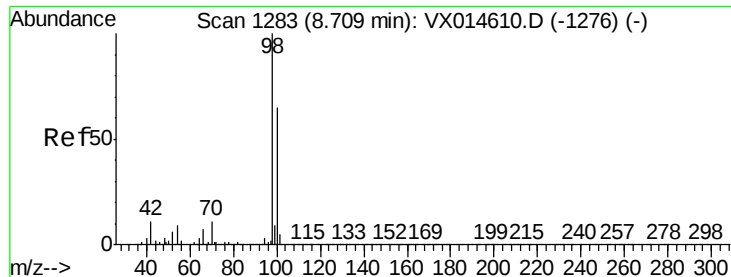
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#60
 4-Bromofluorobenzene
 Concen: 27.656 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX014826.D
 Acq: 05 Feb 2020 16:41

Tgt Ion:	95	Resp:	137033
Ion Ratio	Lower	Upper	
95	100		
174	89.6	70.2	105.2
176	86.5	68.3	102.5





#63

Toluene-d8

Concen: 29.514 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014826.D

Acq: 05 Feb 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

FB-02032020RE

Tot Ion: 98 Resp: 412788

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2

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