

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013165.D
 Acq On : 21 Oct 2019 20:23
 Operator : JC/SP
 Sample : K5425-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

Manual Integrations
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Quant Time: Oct 22 02:34:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	25623	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	145571	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	127800	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	61157	30.32	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	101.07%		
60) 4-Bromofluorobenzene	11.14	95	62322	28.00	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	93.33%		
63) Toluene-d8	8.71	98	173978	30.61	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	102.03%		
Target Compounds						
15) Acetone	2.44	58	3042	10.877	ug/l	96
30) 2-Butanone	4.67	43	1930m	1.627	ug/l	
58) 4-Methyl-2-Pentanone	8.64	43	3167	1.471	ug/l	95

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

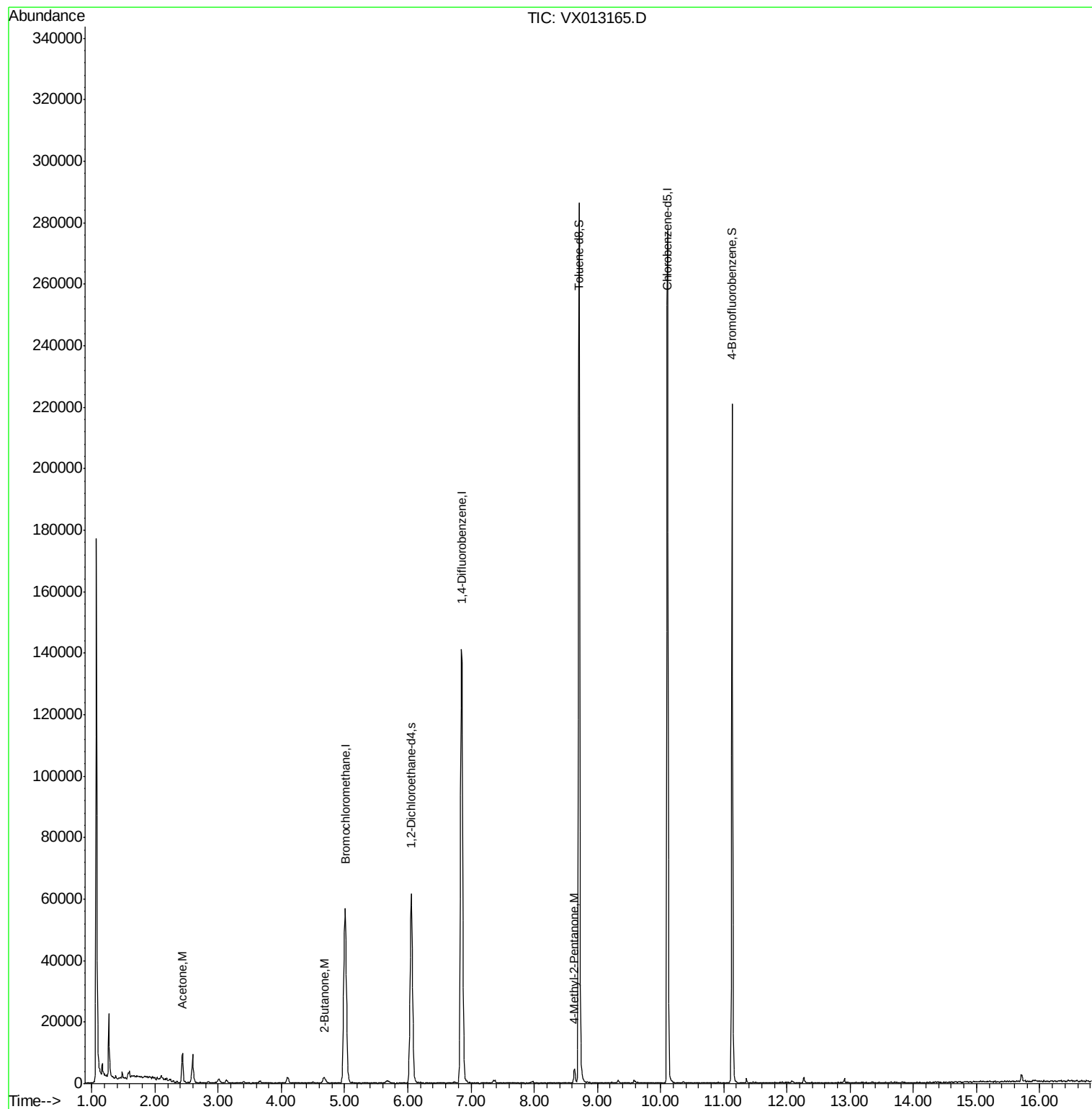
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102119\
Data File : VX013165.D
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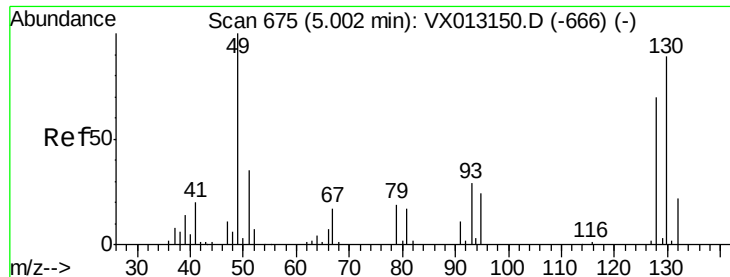
Instrument :
MSVOA_X
ClientSampleId :
OF-1

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Quant Time: Oct 22 02:34:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX013165.D

Acq: 21 Oct 2019 20:23

Instrument :

MSVOA_X

ClientSampled :

OF-1

Tot Ion:128 Resp: 25623

Ion Ratio Lower Upper

128 100

49 146.6 0.0 367.3

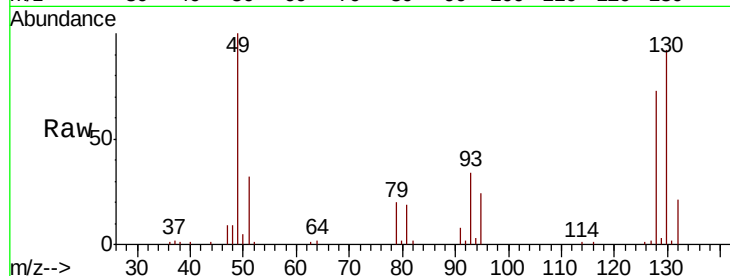
130 132.6 0.0 325.0

Manual Integrations

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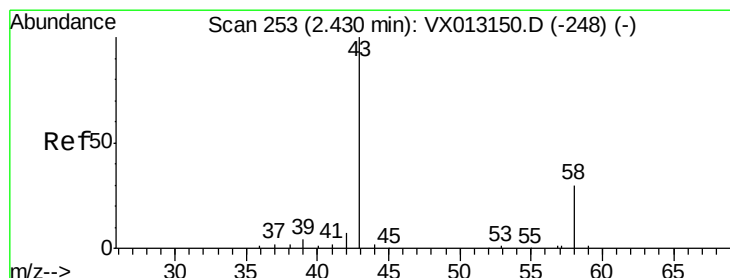
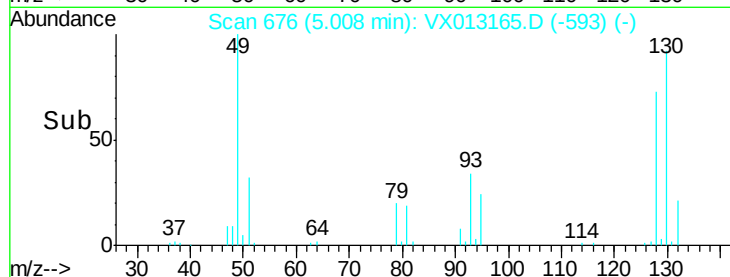
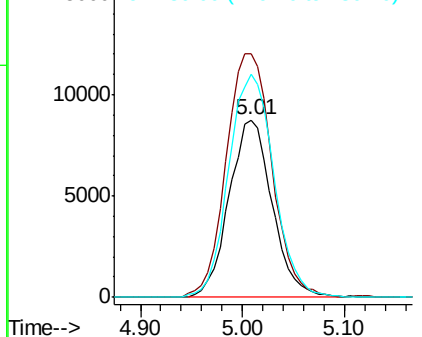
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 10.877 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013165.D

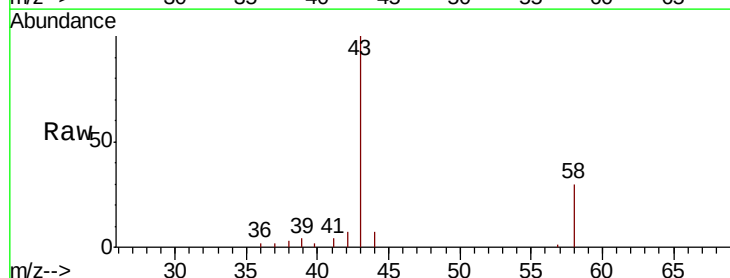
Acq: 21 Oct 2019 20:23

Tgt Ion: 58 Resp: 3042

Ion Ratio Lower Upper

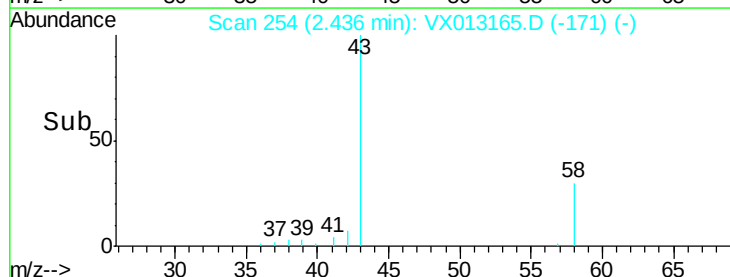
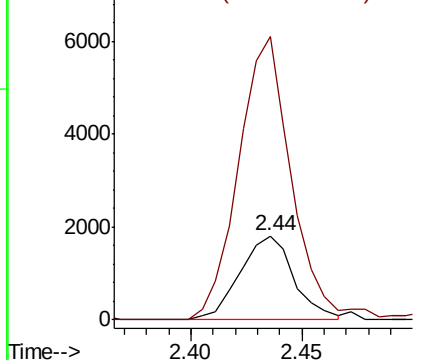
58 100

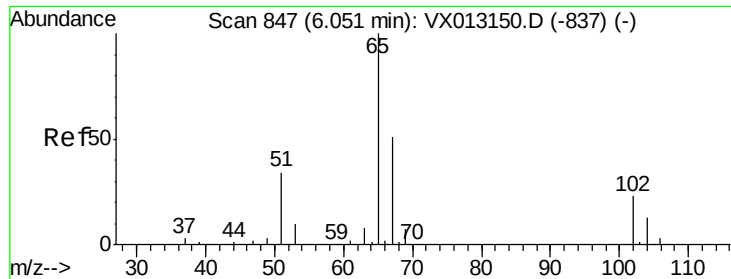
43 336.1 262.8 394.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.320 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013165.D

Acq: 21 Oct 2019 20:23

Instrument :

MSVOA_X

ClientSampled :

OF-1

Tot Ion: 65 Resp: 61157

Ion Ratio Lower Upper

65 100

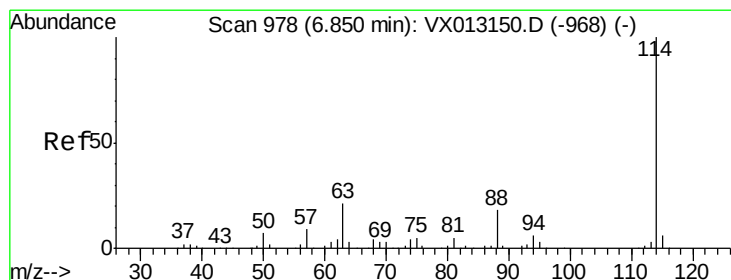
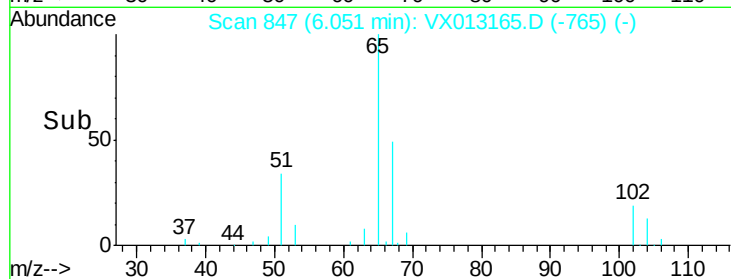
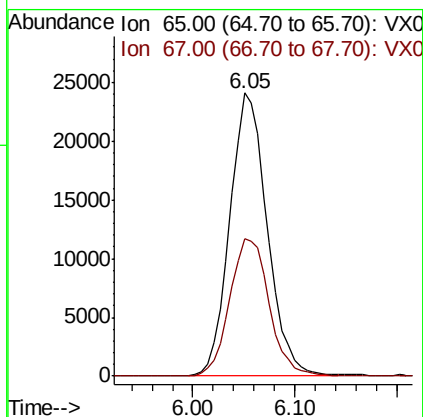
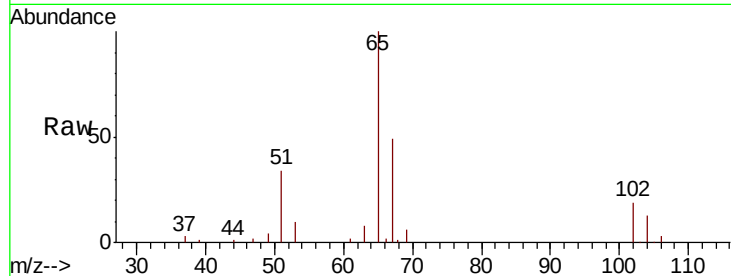
67 51.2 42.2 63.4

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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: VX013165.D

Acq: 21 Oct 2019 20:23

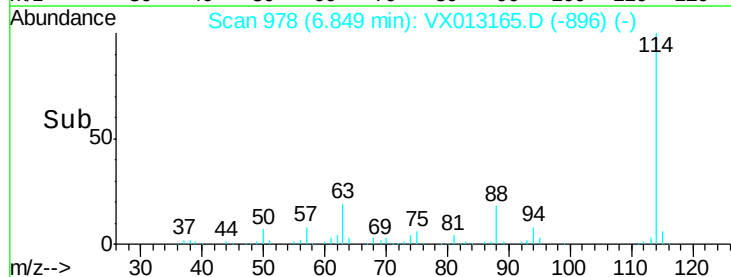
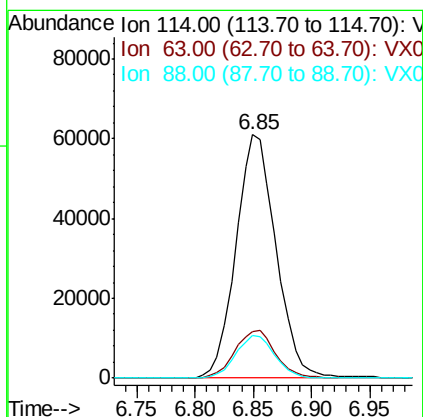
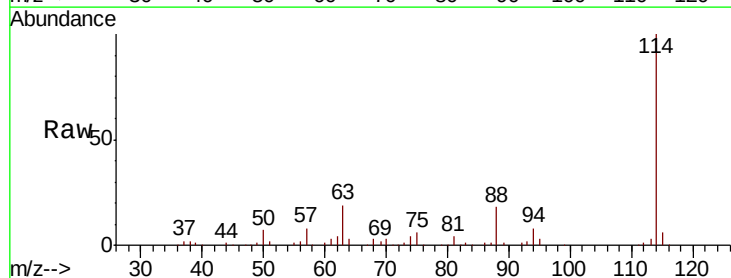
Tgt Ion: 114 Resp: 145571

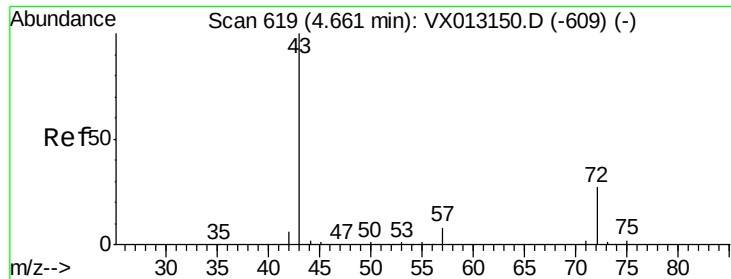
Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

88 17.3 13.7 20.5





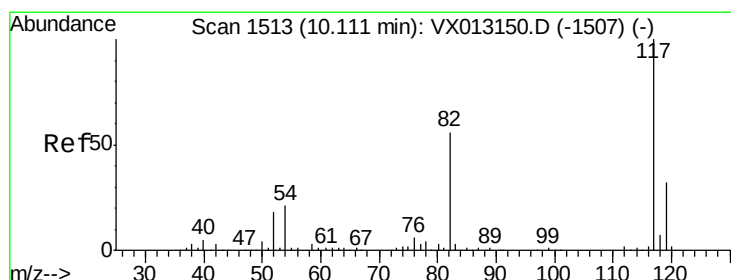
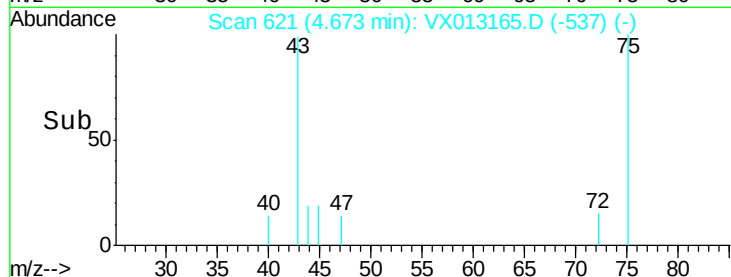
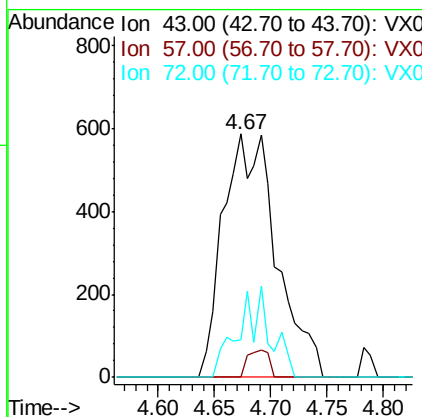
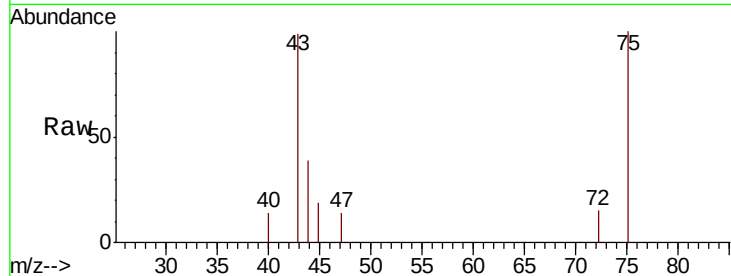
#30
2-Butanone
Concen: 1.627 ug/l m
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Instrument :
MSVOA_X
ClientSampled :
OF-1

Tot Ion	Ratio	Lower	Upper
43	100		
57	0.0	7.0	10.6#
72	7.3	23.4	35.2#

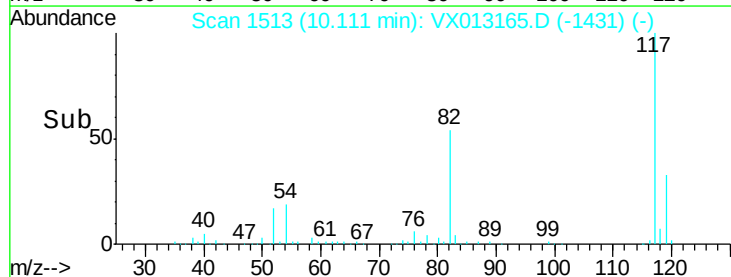
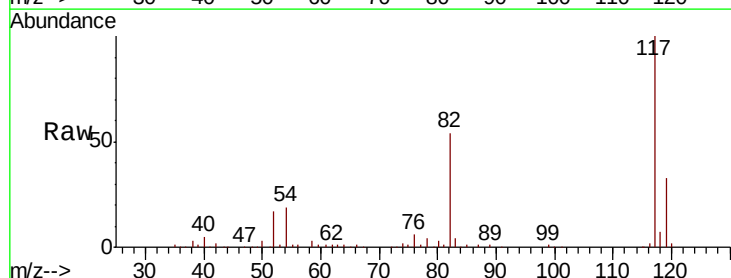
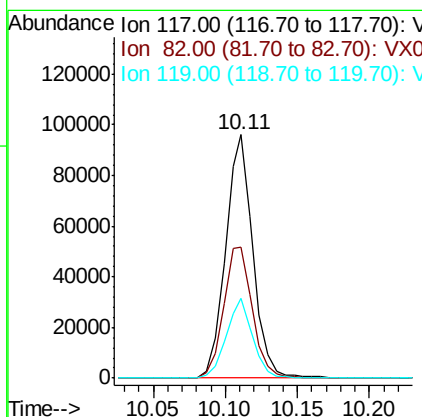
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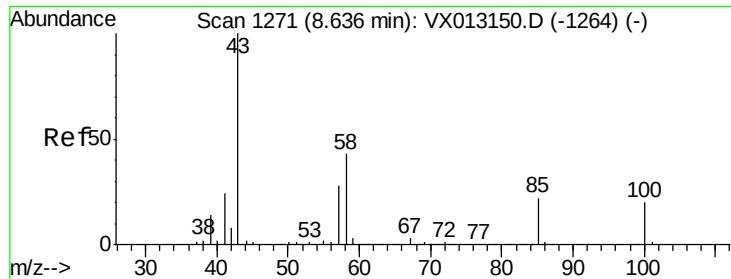
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.0	69.0
119	31.5	25.4	38.0





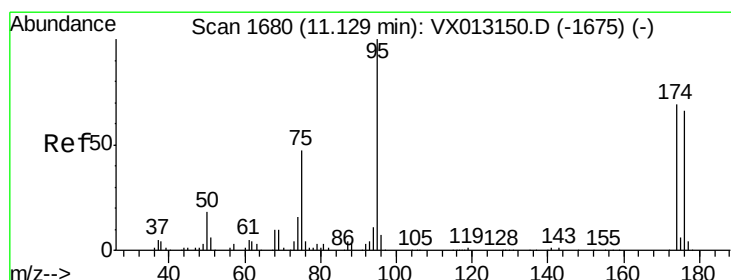
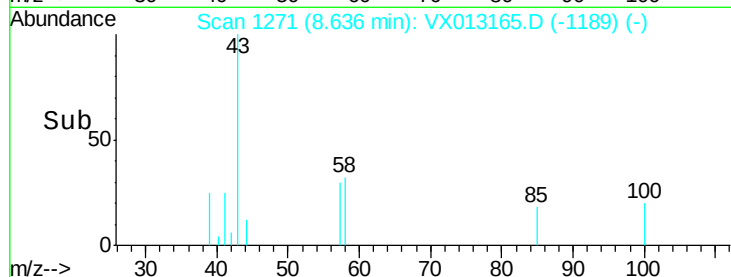
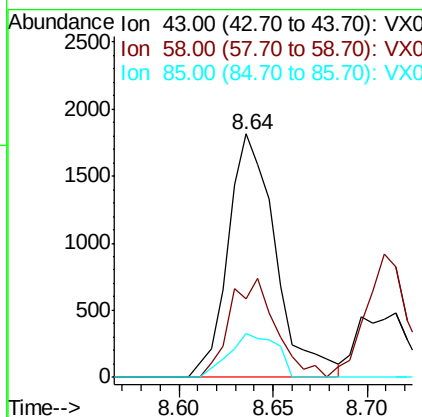
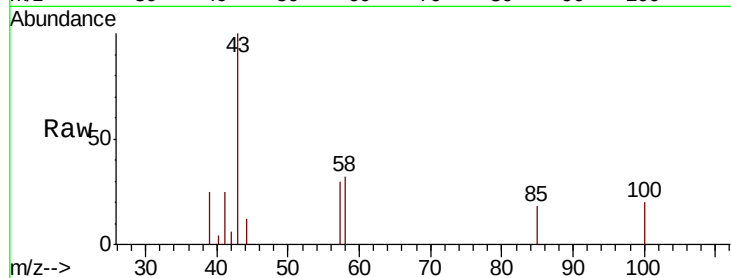
#58
4-Methyl-2-Pentanone
Concen: 1.471 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Instrument :
MSVOA_X
ClientSampled :
OF-1

Tot Ion:	43	Resp:	3167
Ion	Ratio	Lower	Upper
43	100		
58	39.4	33.8	50.8
85	17.8	16.8	25.2

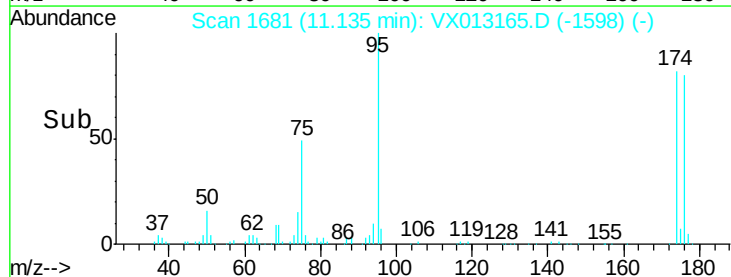
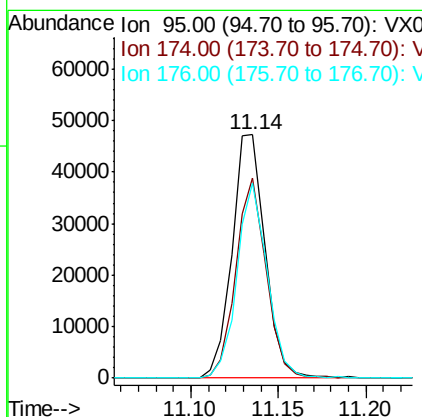
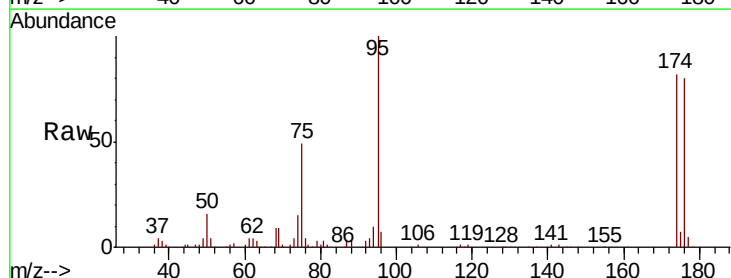
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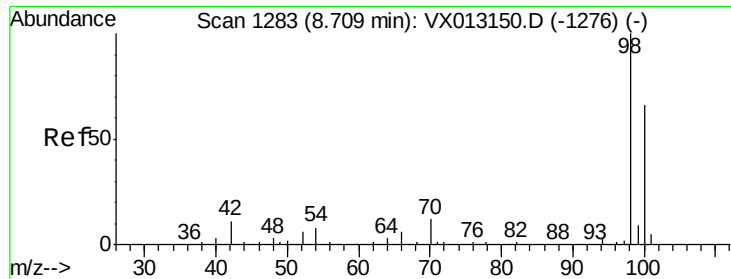
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#60
4-Bromofluorobenzene
Concen: 28.005 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013165.D
Acq: 21 Oct 2019 20:23

Tgt Ion:	95	Resp:	62322
Ion	Ratio	Lower	Upper
95	100		
174	75.4	60.0	90.0
176	73.4	58.5	87.7





#63
 Toluene-d8
 Concen: 30.608 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013165.D
 Acq: 21 Oct 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		173978		
100	66.7	53.1	79.7		

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