

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013162.D
 Acq On : 21 Oct 2019 19:14
 Operator : JC/SP
 Sample : K5441-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

Manual Integrations
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Quant Time: Oct 22 02:27:44 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	26380	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	150833	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	130340	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	62410	30.05	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	100.17%	
60) 4-Bromofluorobenzene	11.14	95	63633	28.04	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	93.47%	
63) Toluene-d8	8.71	98	179732	31.00	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	103.33%	
Target Compounds						
15) Acetone	2.43	58	4476	15.545	ug/l	96
30) 2-Butanone	4.67	43	3307m	2.691	ug/l	
58) 4-Methyl-2-Pentanone	8.64	43	7438	3.387	ug/l	98

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

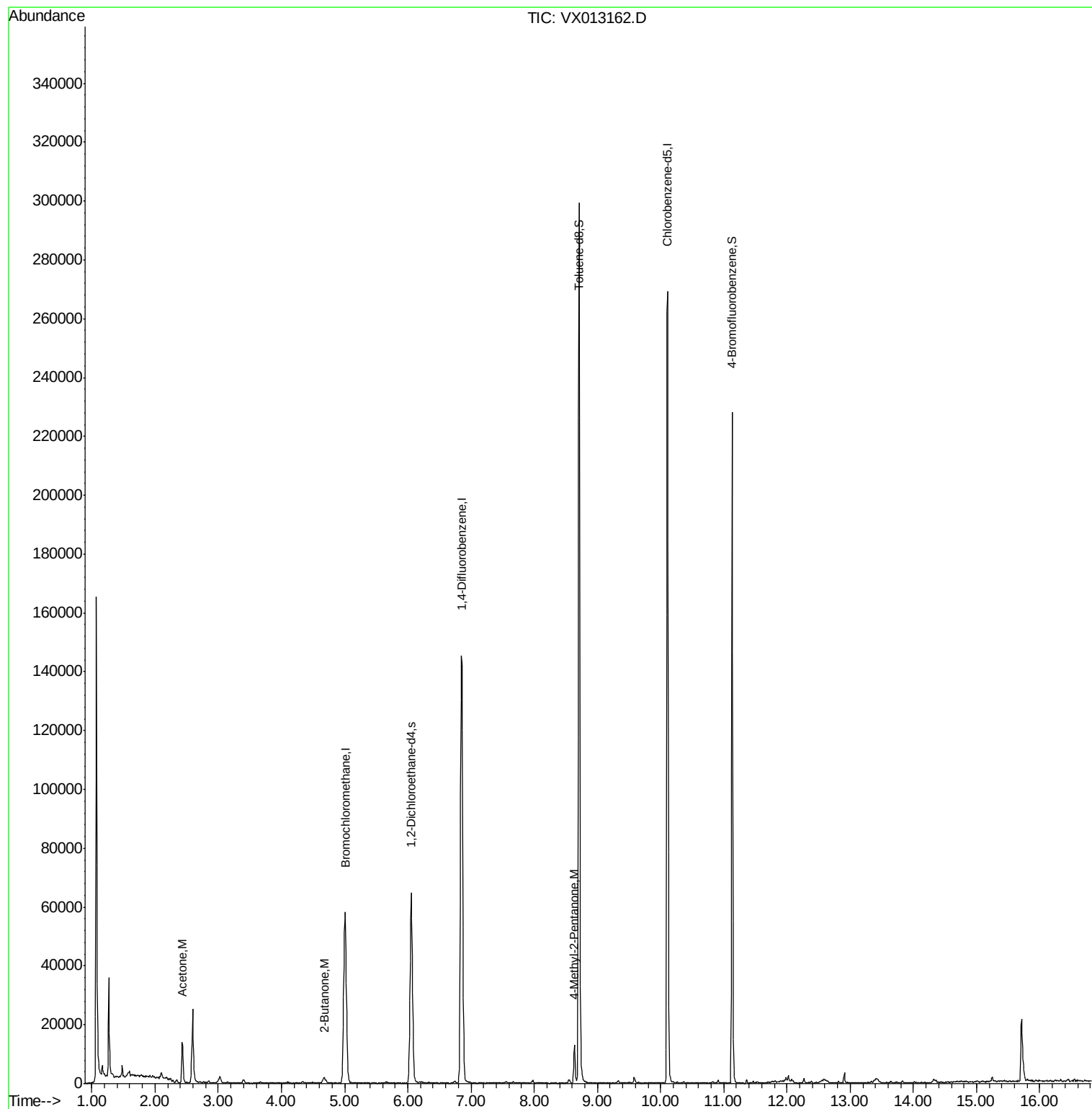
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102119\
Data File : VX013162.D
Acq On : 21 Oct 2019 19:14
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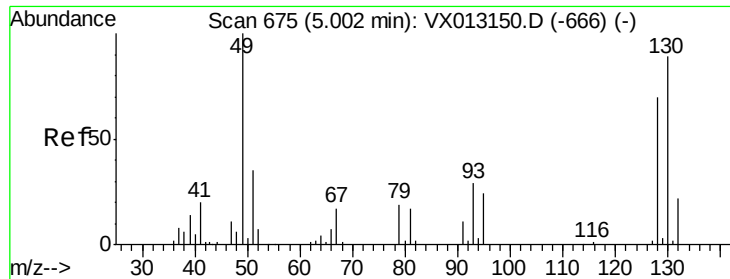
Instrument :
MSVOA_X
ClientSampleId :
OF-1

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Quant Time: Oct 22 02:27:44 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: VX013162.D

Acq: 21 Oct 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

OF-1

Tot Ion:128 Resp: 26380

Ion Ratio Lower Upper

128 100

49 145.6 0.0 367.3

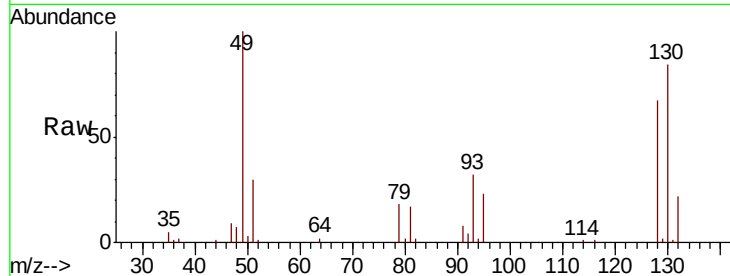
130 124.9 0.0 325.0

Manual Integrations

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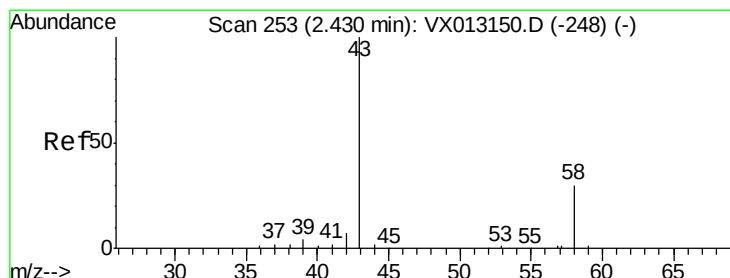
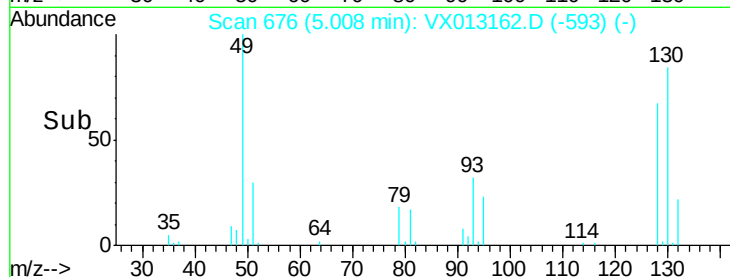
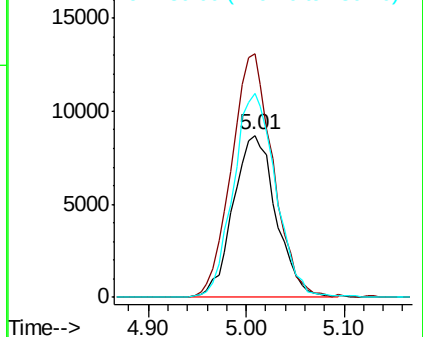
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 15.545 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013162.D

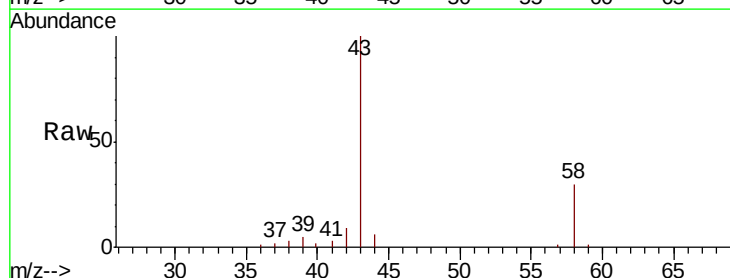
Acq: 21 Oct 2019 19:14

Tgt Ion: 58 Resp: 4476

Ion Ratio Lower Upper

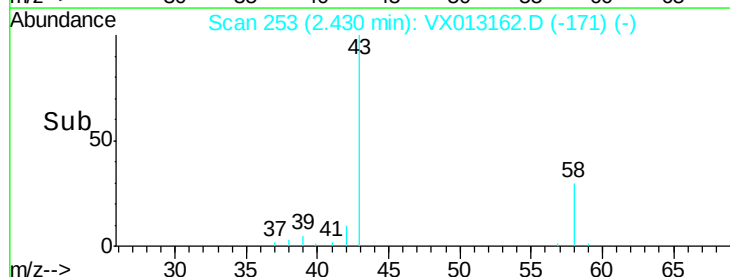
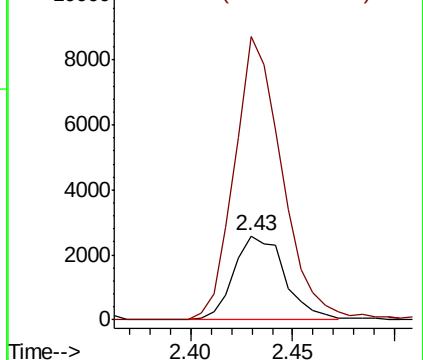
58 100

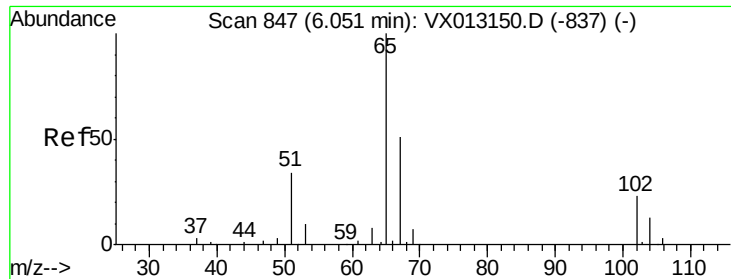
43 336.5 262.8 394.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#27

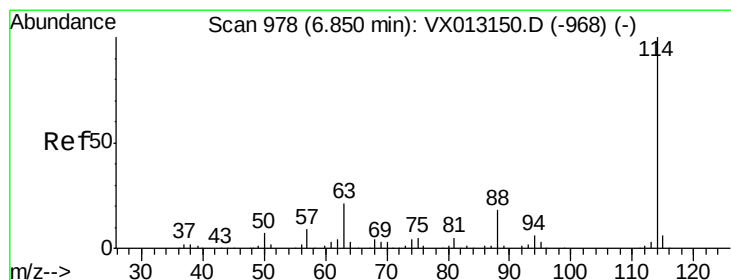
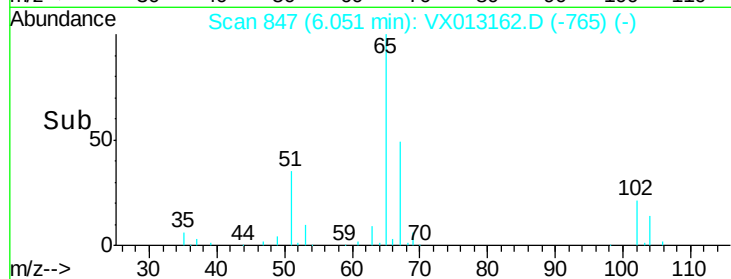
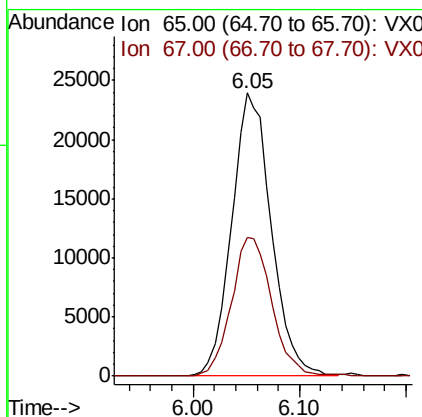
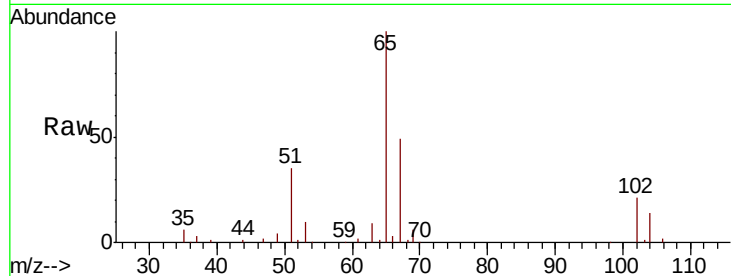
1,2-Dichloroethane-d4
Concen: 30.053 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013162.D
Acq: 21 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampled :
OF-1

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.7	42.2	63.4

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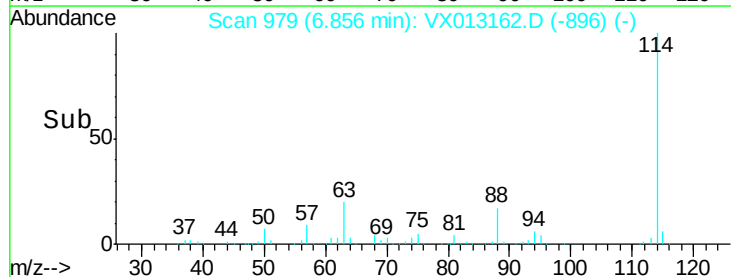
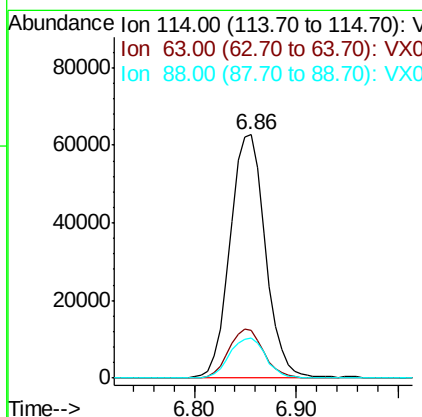
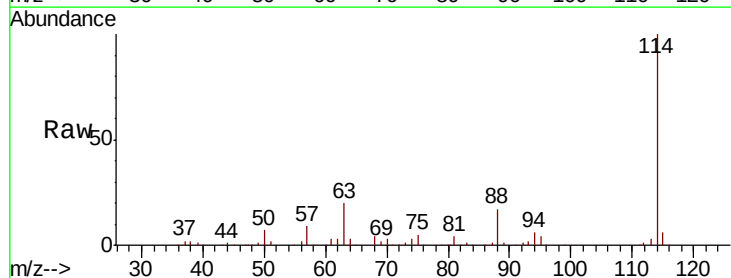
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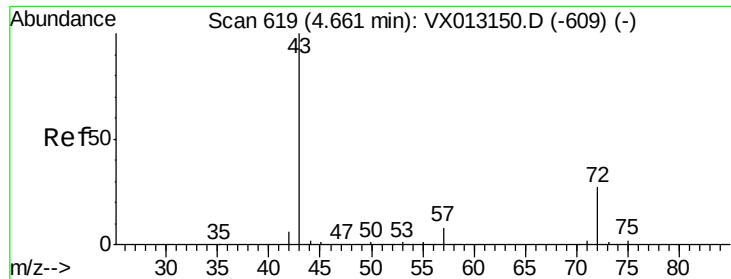


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX013162.D
Acq: 21 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	16.9	13.7	20.5





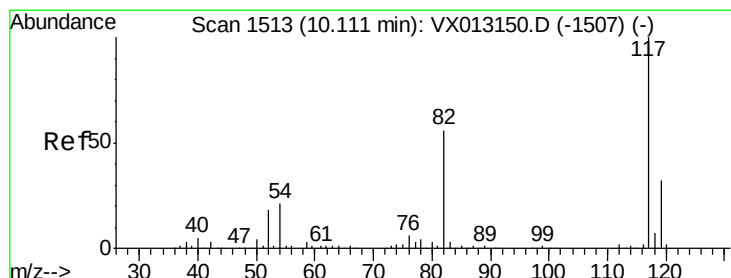
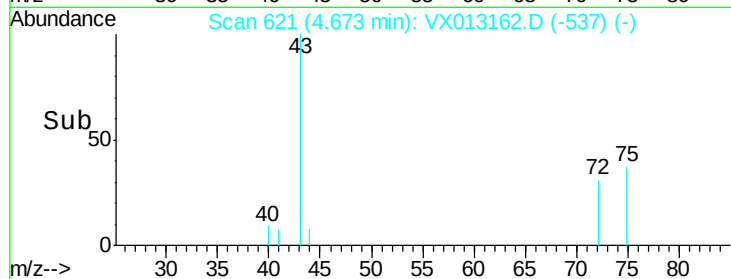
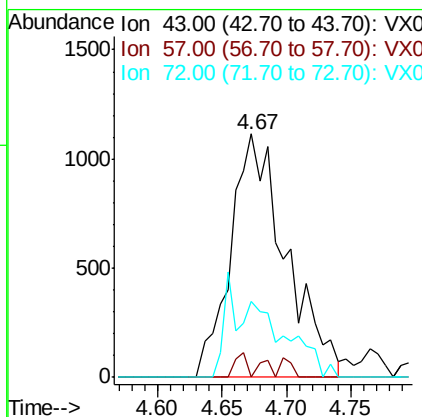
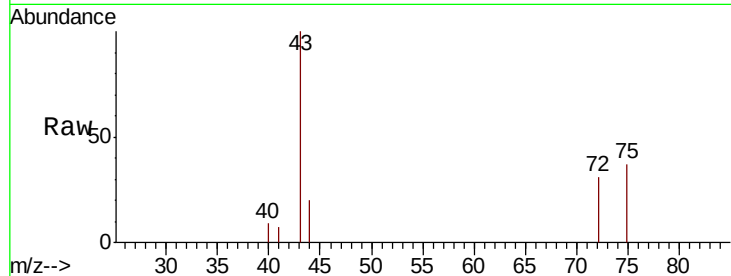
#30
2-Butanone
Concen: 2.691 ug/l m
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX013162.D
Acq: 21 Oct 2019 19:14

Instrument :
MSVOA_X
ClientSampled :
OF-1

Tot Ion	Ratio	Lower	Upper
43	100		
57	2.2	7.0	10.6#
72	8.9	23.4	35.2#

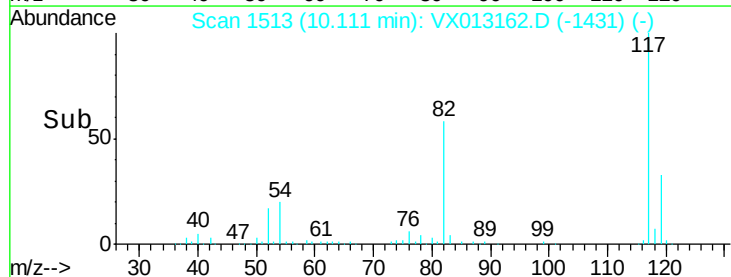
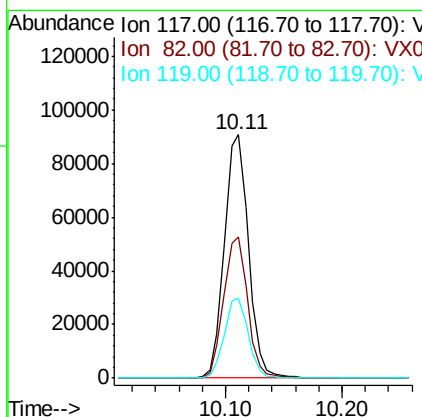
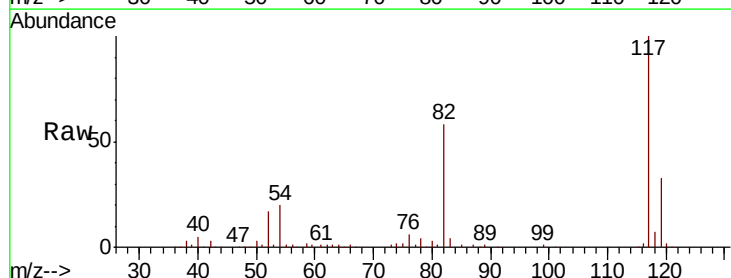
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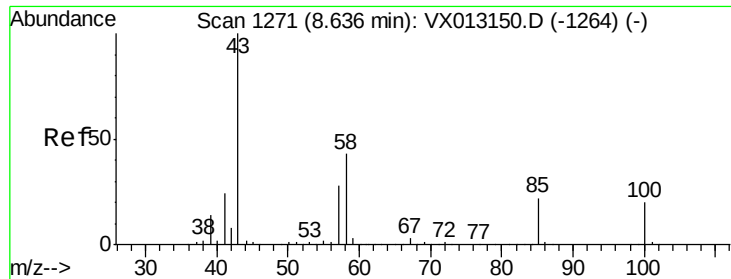
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013162.D
Acq: 21 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.0	69.0
119	32.8	25.4	38.0





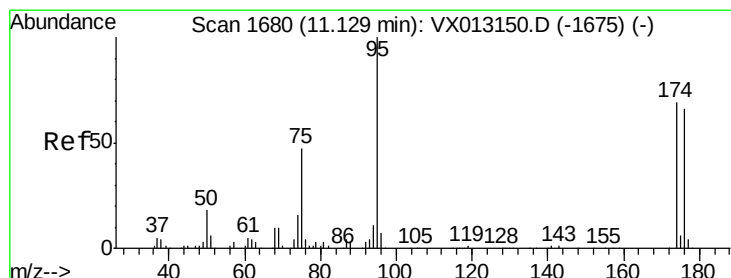
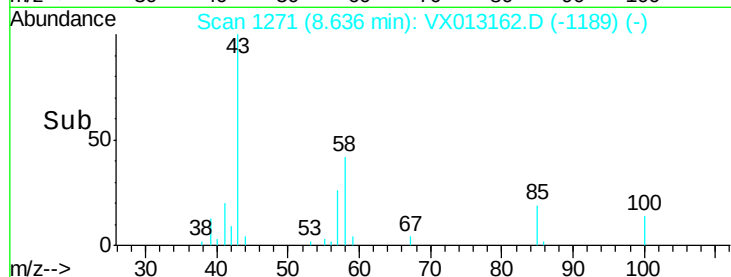
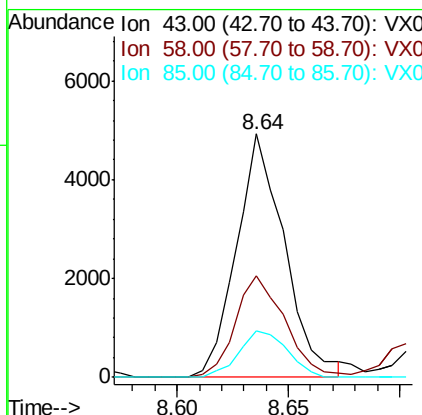
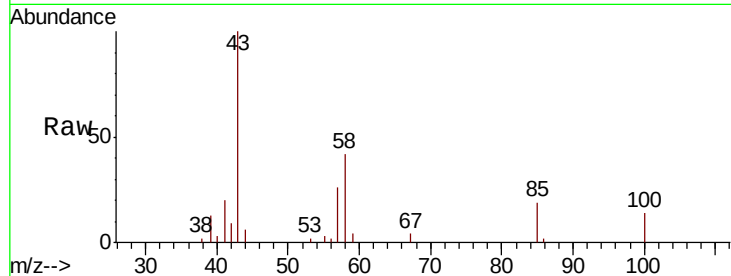
#58
 4-Methyl-2-Pentanone
 Concen: 3.387 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX013162.D
 Acq: 21 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampled :
 OF-1

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.3	33.8	50.8
85	19.3	16.8	25.2

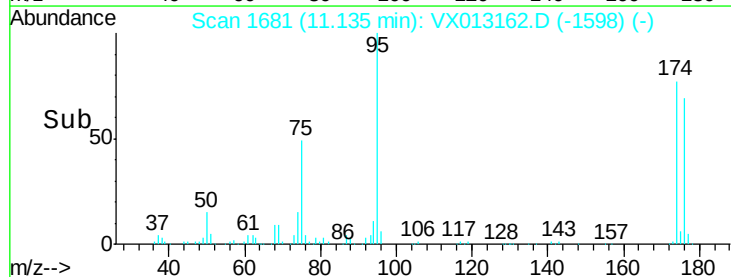
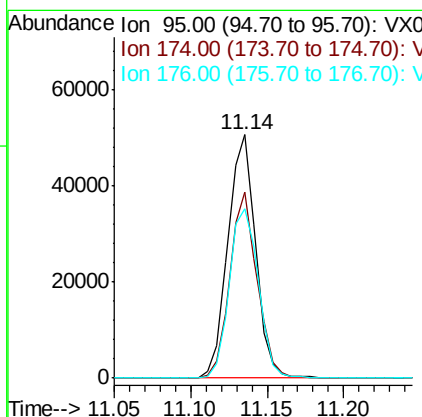
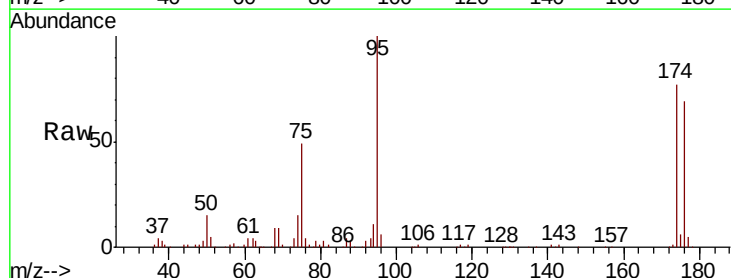
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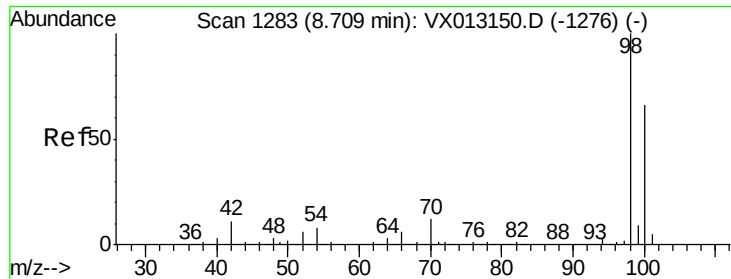
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#60
 4-Bromofluorobenzene
 Concen: 28.037 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX013162.D
 Acq: 21 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.3	60.0	90.0
176	72.8	58.5	87.7





#63
 Toluene-d8
 Concen: 31.004 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013162.D
 Acq: 21 Oct 2019 19:14

Instrument :
 MSVOA_X
 ClientSampled :
 OF-1

Tot Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.1	79.7

Manual Integrations
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