

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018358.D
 Acq On : 11 Sep 2020 13:39
 Operator : JC/SP
 Sample : L3955-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-3

Manual Integrations
 APPROVED

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 9/14/2020 12:09:52 PM

Quant Time: Sep 12 06:35:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	74654	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	367350	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	348251	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	178297	30.27	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	100.90%	
60) 4-Bromofluorobenzene	11.12	95	159233	26.38	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	87.93%	
63) Toluene-d8	8.70	98	444103	28.93	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	96.43%	

Target Compounds

					Ovalue
3) Chloromethane	1.31	50	2261	0.539 ug/l	91
15) Acetone	2.42	58	4266	7.005 ug/l	78
18) Methylene Chloride	2.84	84	1756	0.398 ug/l #	58
58) 4-Methyl-2-Pentanone	8.62	43	3312m	0.553 ug/l	

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

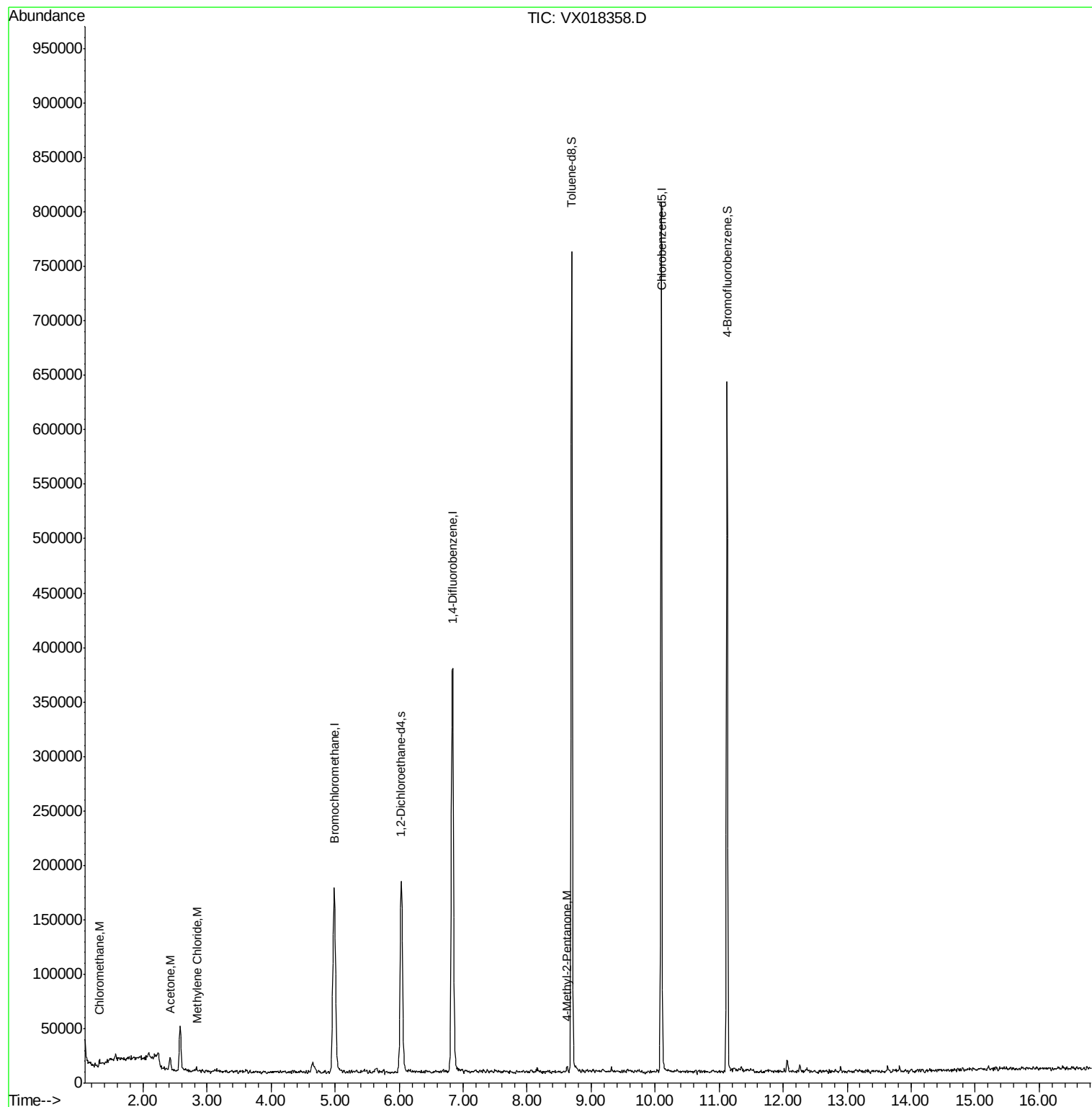
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091120\
Data File : VX018358.D
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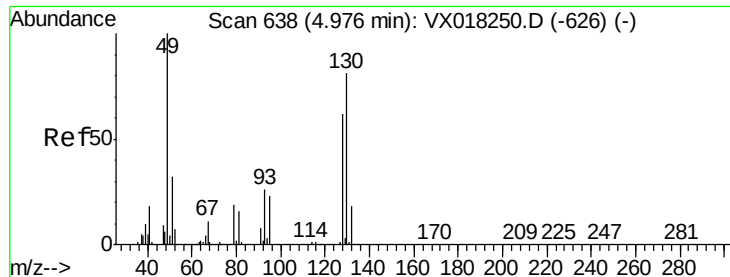
Instrument :
MSVOA_X
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Quant Time: Sep 12 06:35:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018358.D

Acq: 11 Sep 2020 13:39

Instrument :

MSVOA_X

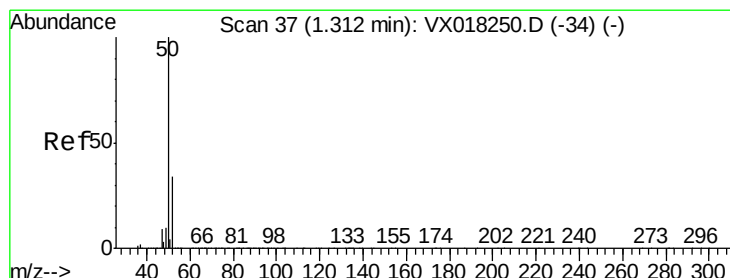
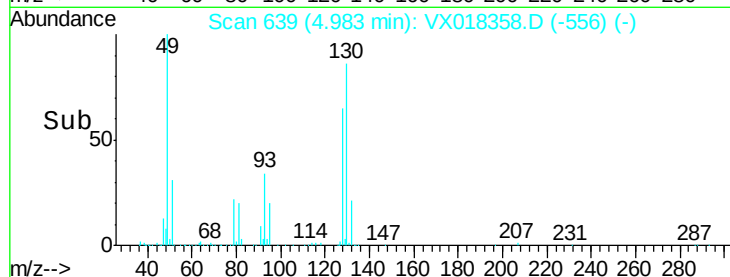
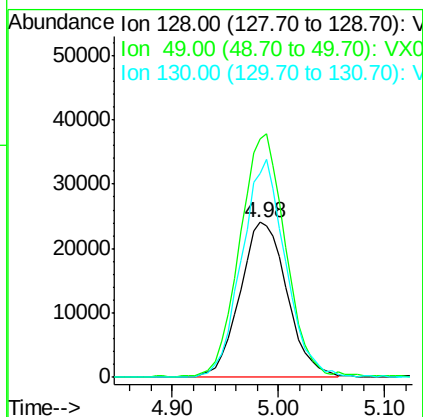
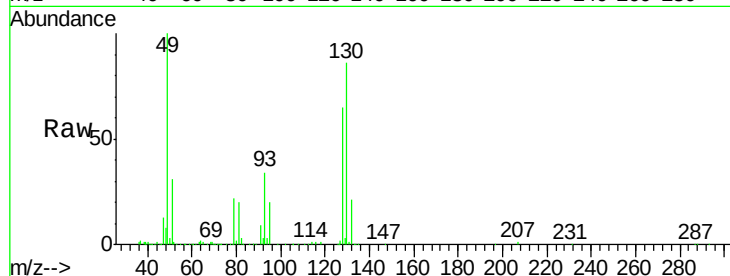
ClientSampled :

OF-3

Tot Ion:	128	Resp:	74654
Ion	Ratio	Lower	Upper
128	100		
49	152.1	0.0	392.0
130	131.1	0.0	320.2

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#3

Chloromethane

Concen: 0.539 ug/l

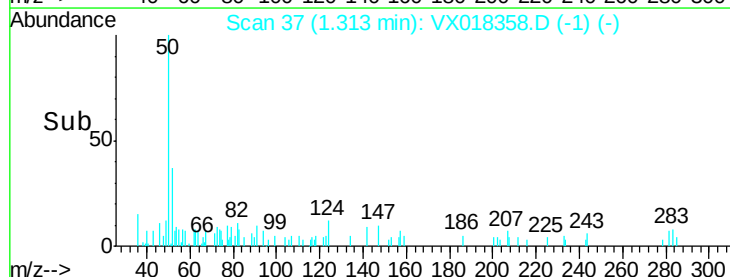
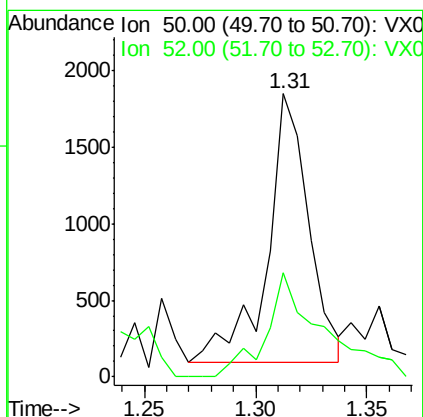
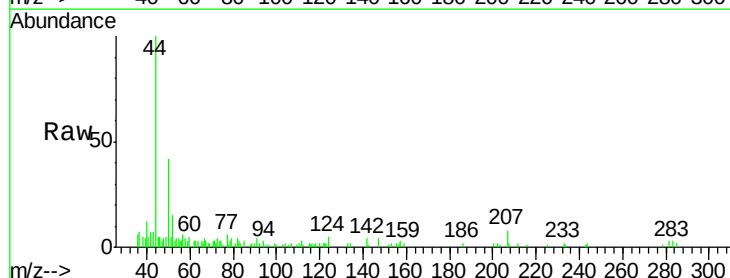
RT: 1.31 min Scan# 37

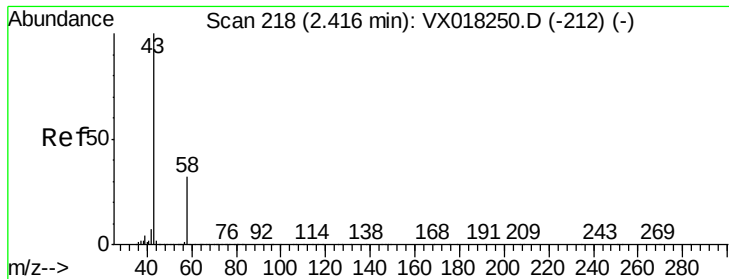
Delta R.T. 0.00 min

Lab File: VX018358.D

Acq: 11 Sep 2020 13:39

Tgt Ion:	50	Resp:	2261
Ion	Ratio	Lower	Upper
50	100		
52	38.8	27.1	40.7





#15

Acetone

Concen: 7.005 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018358.D

Acq: 11 Sep 2020 13:39

Instrument :

MSVOA_X

ClientSampled :

OF-3

Tot Ion: 58 Resp: 4266

Ion Ratio Lower Upper

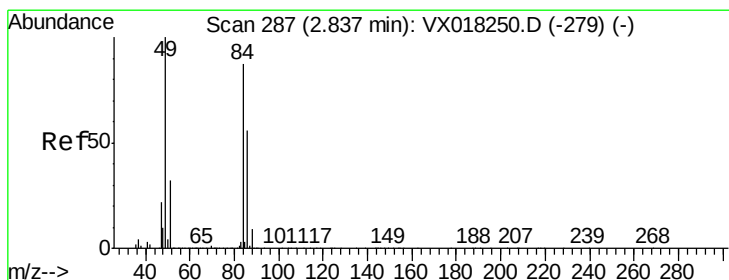
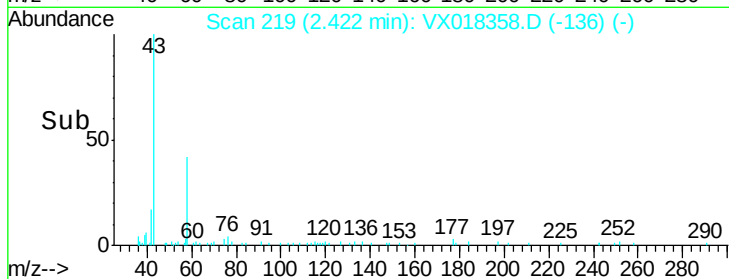
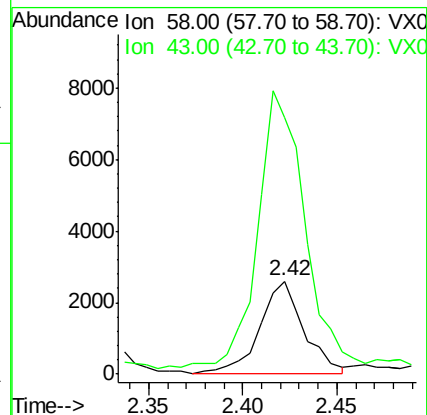
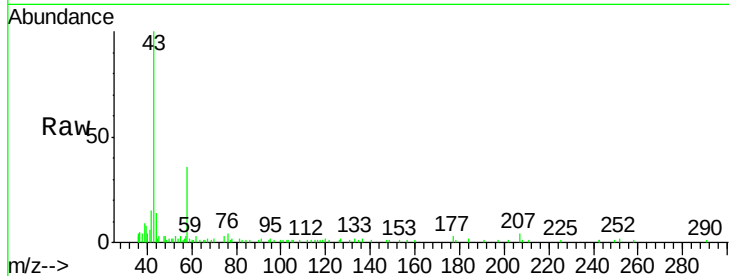
58 100

43 265.4 248.2 372.2

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#18

Methylene Chloride

Concen: 0.398 ug/l

RT: 2.84 min Scan# 288

Delta R.T. 0.01 min

Lab File: VX018358.D

Acq: 11 Sep 2020 13:39

Tgt Ion: 84 Resp: 1756

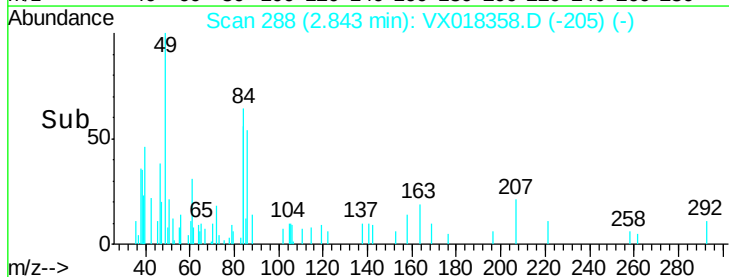
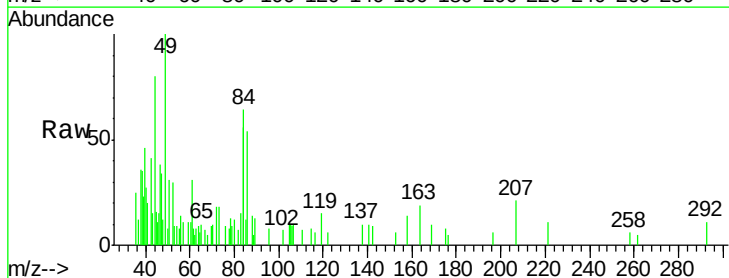
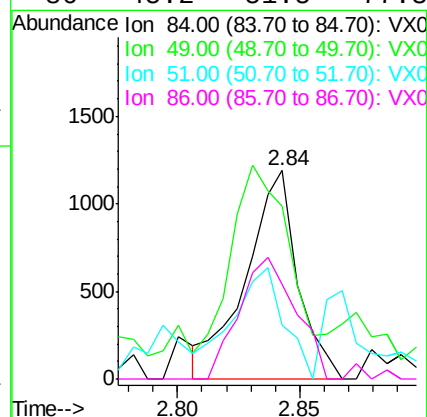
Ion Ratio Lower Upper

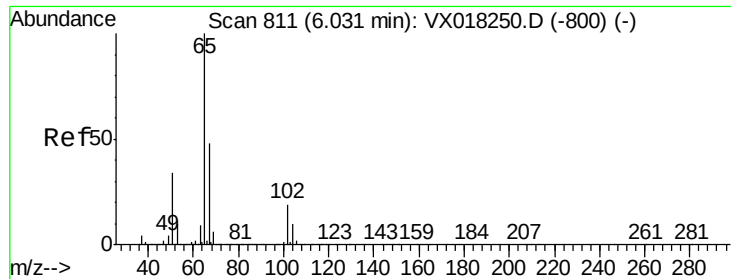
84 100

49 56.9 91.6 137.4#

51 14.0 29.4 44.0#

86 45.2 51.5 77.3#





#27

1,2-Dichloroethane-d4

Concen: 30.273 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018358.D

Acq: 11 Sep 2020 13:39

Instrument :

MSVOA_X

ClientSampled :

OF-3

Tot Ion: 65 Resp: 178297

Ion Ratio Lower Upper

65 100

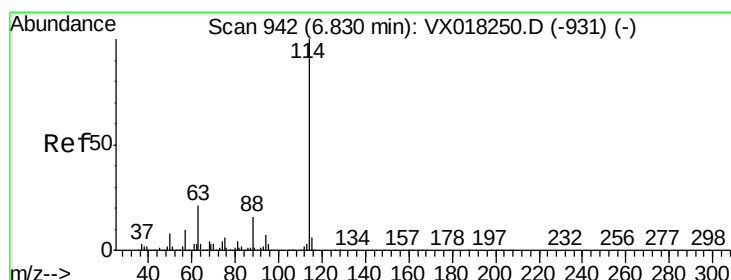
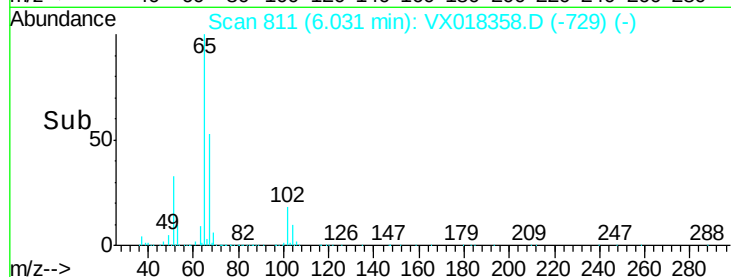
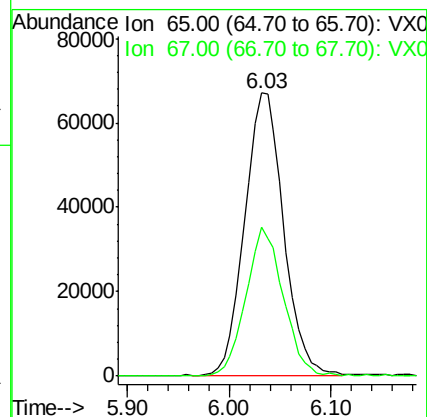
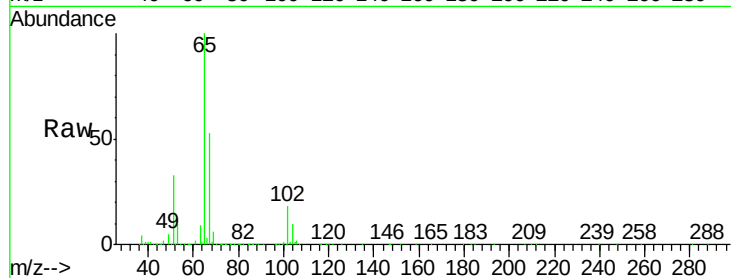
67 50.2 39.9 59.9

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018358.D

Acq: 11 Sep 2020 13:39

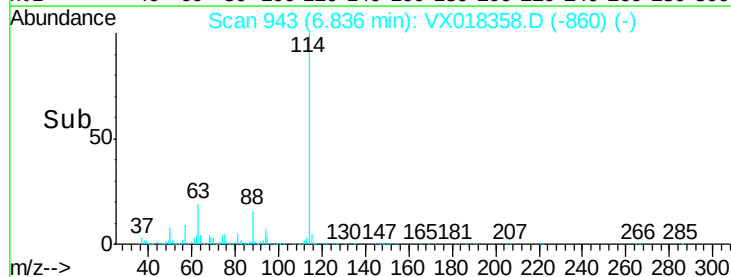
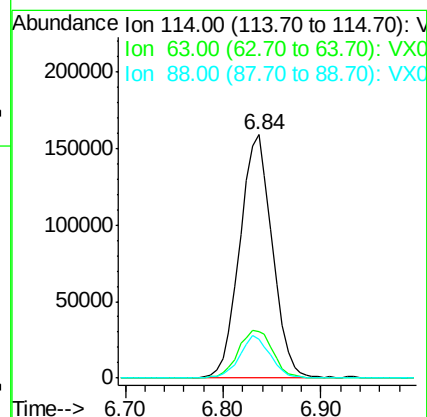
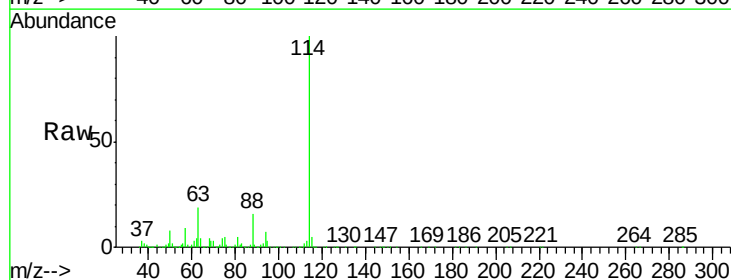
Tgt Ion: 114 Resp: 367350

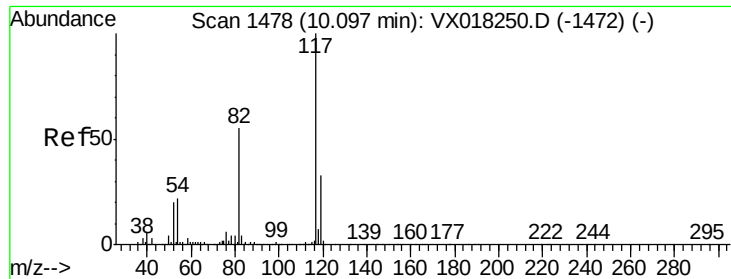
Ion Ratio Lower Upper

114 100

63 20.9 16.7 25.1

88 16.5 12.6 18.8





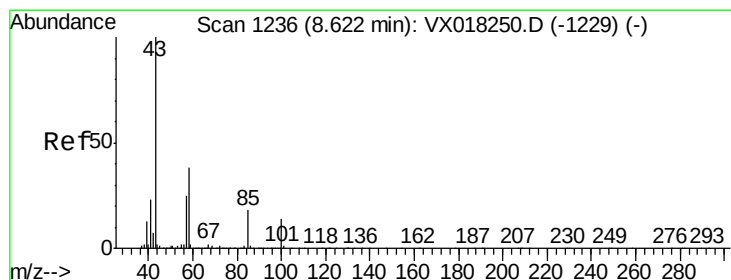
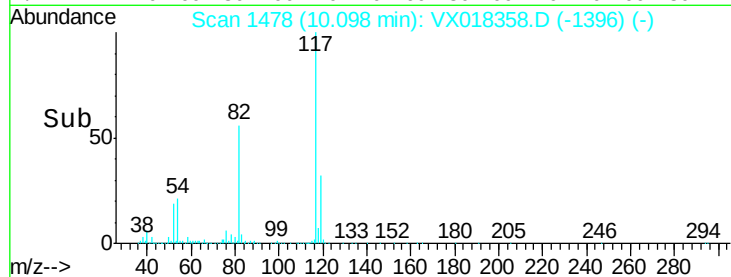
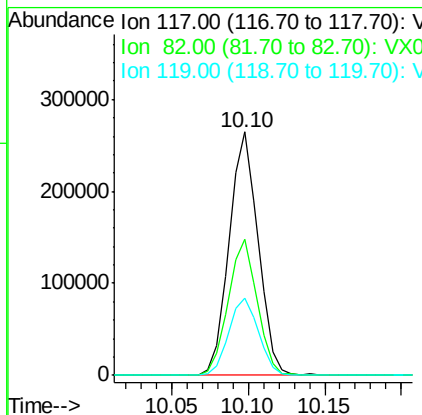
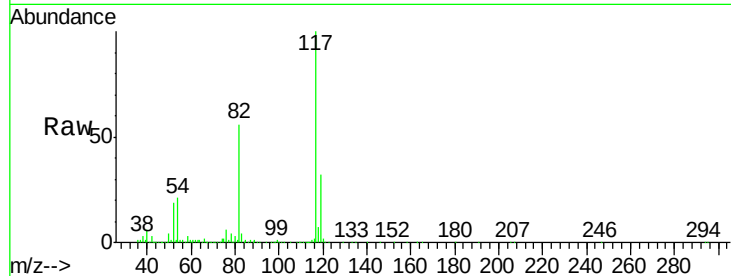
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018358.D
Acq: 11 Sep 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
OF-3

Tot Ion	Ratio	Resp	Lower	Upper
117	100	348251		
82	55.5	44.2	66.4	
119	33.0	26.1	39.1	

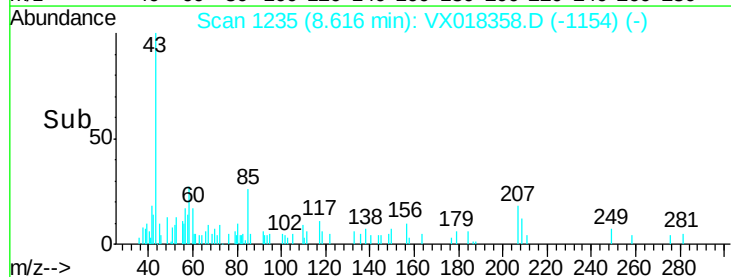
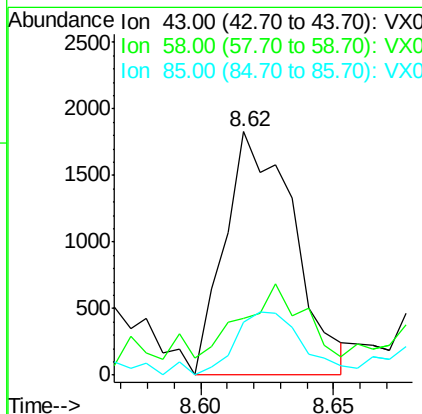
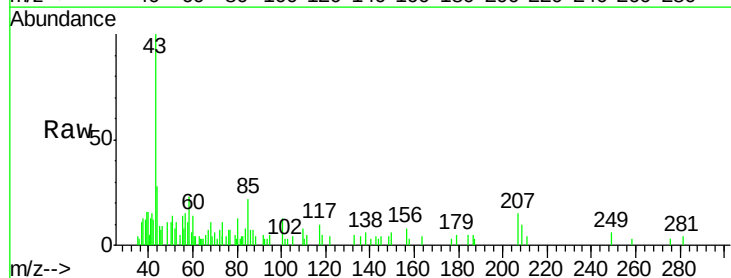
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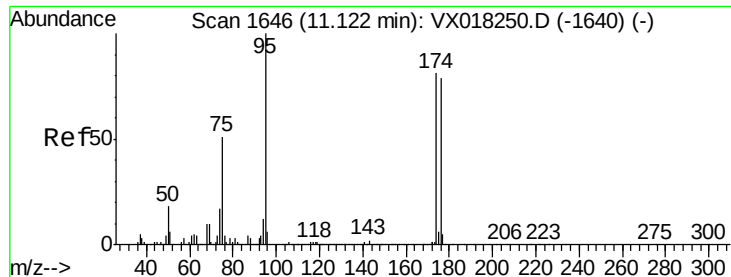
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#58
4-Methyl-2-Pentanone
Concen: 0.553 ug/l m
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018358.D
Acq: 11 Sep 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	3312		
58	6.4	30.0	45.0#	
85	2.7	14.2	21.4#	





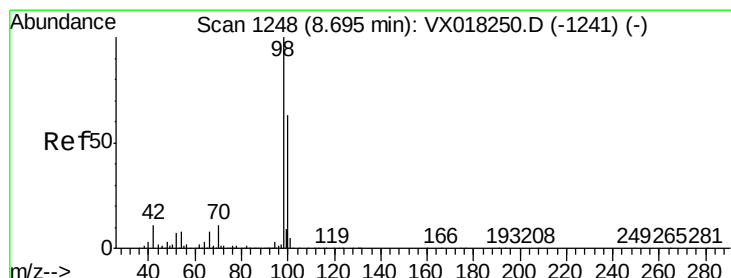
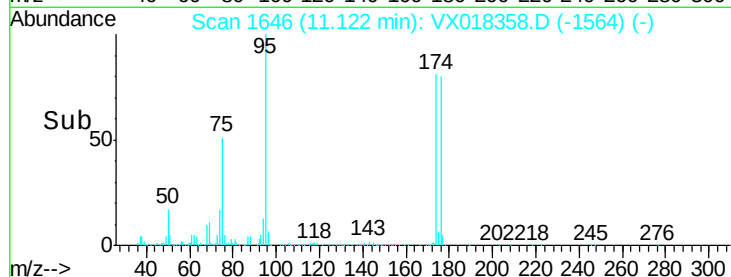
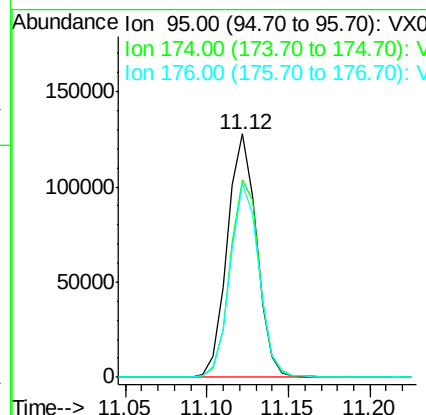
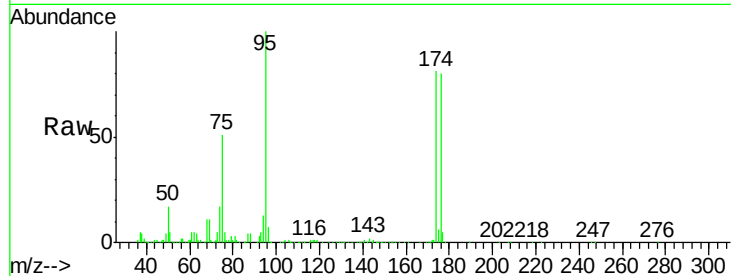
#60
4-Bromofluorobenzene
Concen: 26.380 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018358.D
Acq: 11 Sep 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
OF-3

Tot Ion	Ratio	Resp	Lower	Upper
95	100	159233		
174	81.3	64.2	96.4	
176	79.1	62.2	93.4	

Manual Integrations
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#63
Toluene-d8
Concen: 28.933 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018358.D
Acq: 11 Sep 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	444103		
100	65.1	51.4	77.0	

