

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009656.D
 Acq On : 17 May 2019 12:09
 Operator : JC/SP
 Sample : K2868-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-13

Manual Integrations
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 5/20/2019 11:16:46 AM

Quant Time: May 18 05:17:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	27455	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	153704	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	134904	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	70666	31.03	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	103.43%		
60) 4-Bromofluorobenzene	11.13	95	62766	27.38	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	91.27%		
63) Toluene-d8	8.71	98	190326	29.76	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	99.20%		

Target Compounds

					Ovalue
15) Acetone	2.44	58	1644m	4.665	ug/l
22) cis-1,2-Dichloroethene	4.60	96	1931m	1.001	ug/l
25) Chloroform	5.21	83	2559m	0.816	ug/l

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

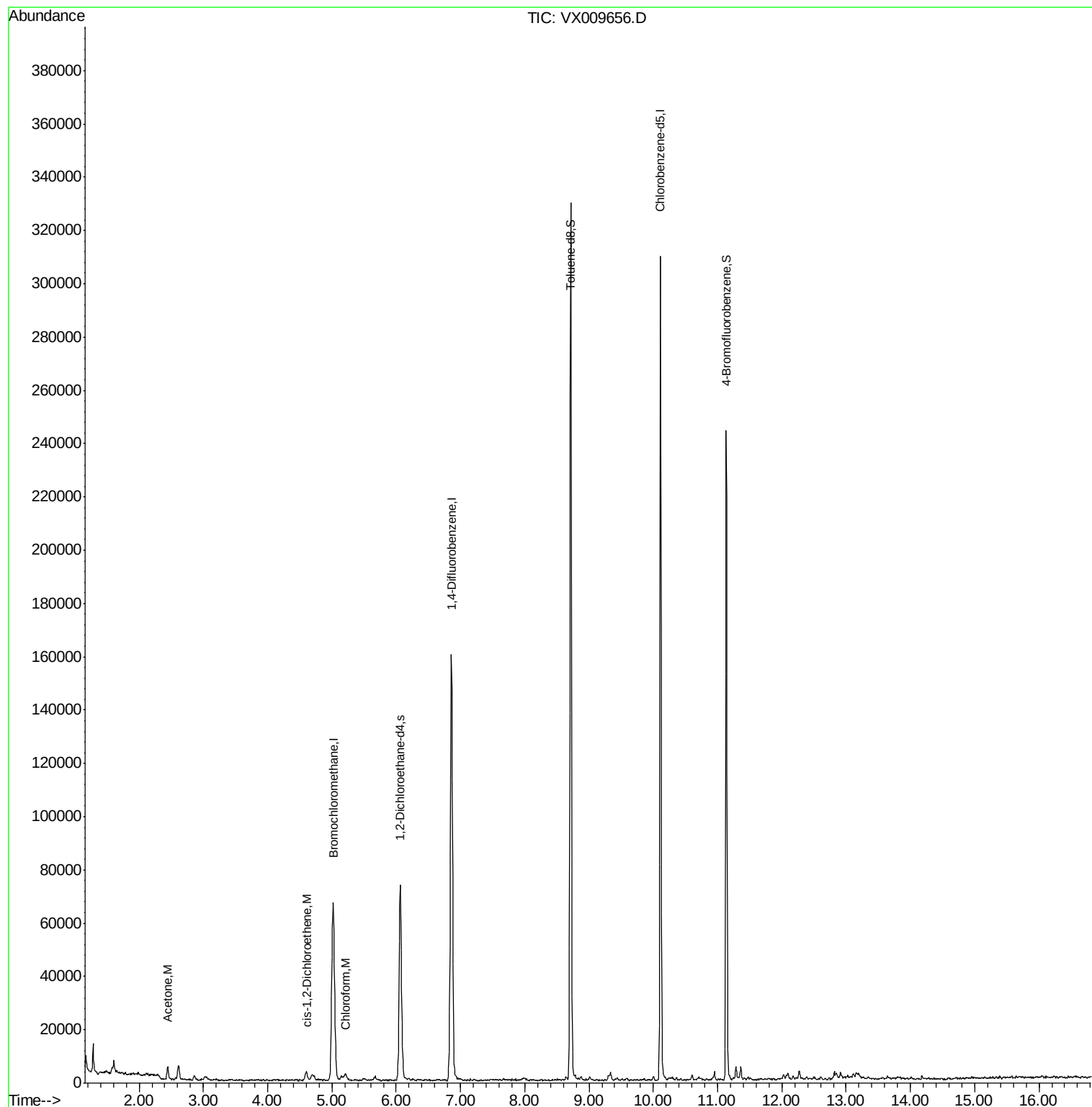
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051719\
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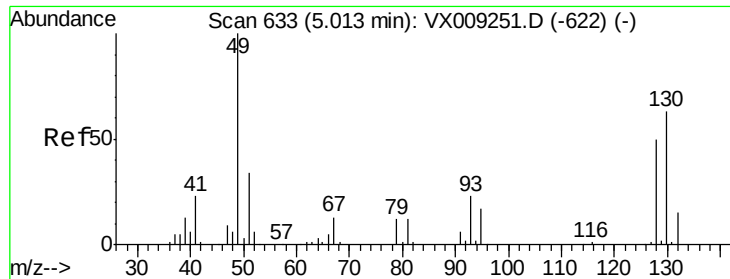
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Quant Time: May 18 05:17:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX009656.D

Acq: 17 May 2019 12:09

Instrument :

MSVOA_X

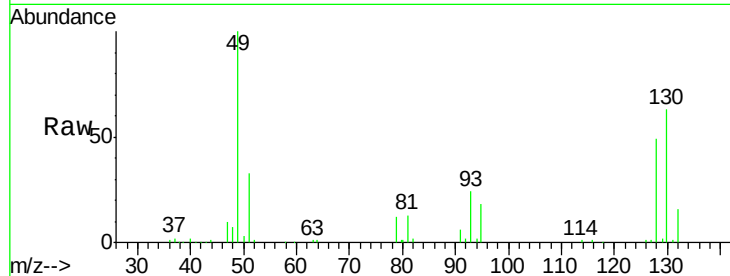
ClientSampled :

55-ST-13

Tot Ion	Ratio	Lower	Upper
128	100		
49	200.3	0.0	515.0
130	128.3	0.0	323.3

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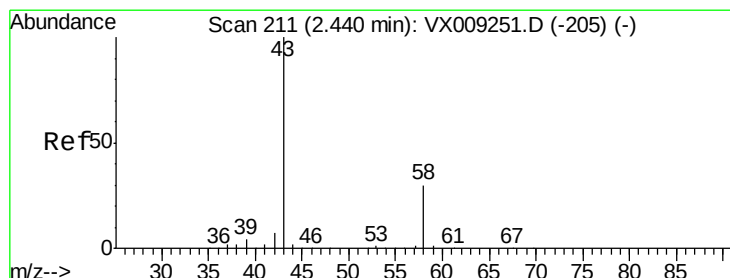
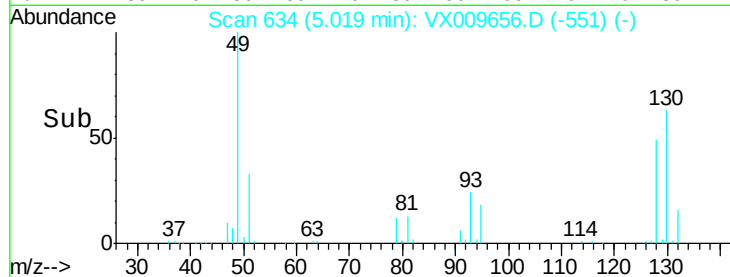
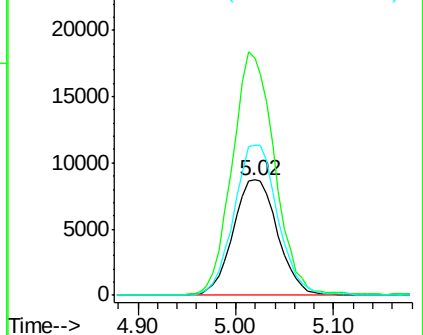
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 4.665 ug/l m

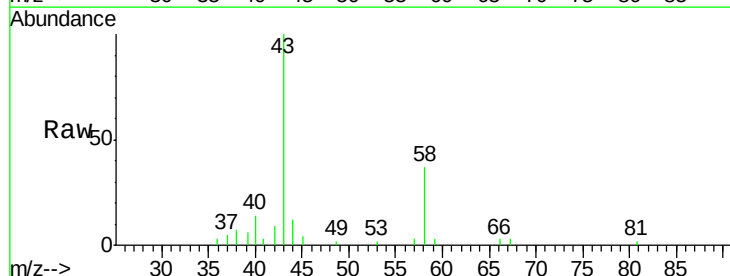
RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX009656.D

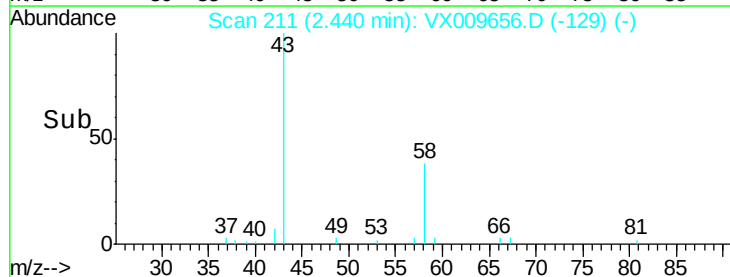
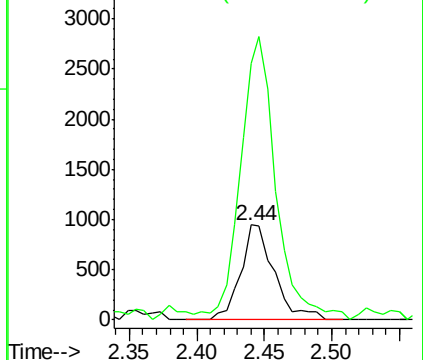
Acq: 17 May 2019 12:09

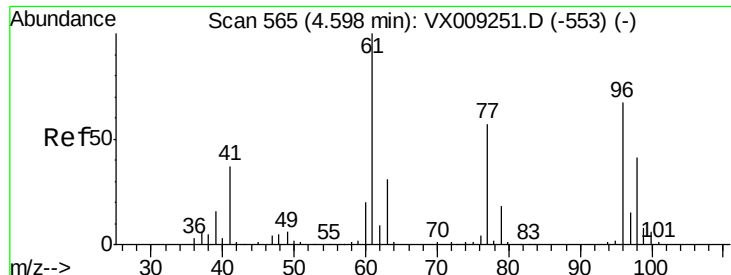
Tgt Ion	Ratio	Lower	Upper
58	100		
43	270.5	264.0	396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#22

cis-1,2-Dichloroethene

Concen: 1.001 ug/l m

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX009656.D

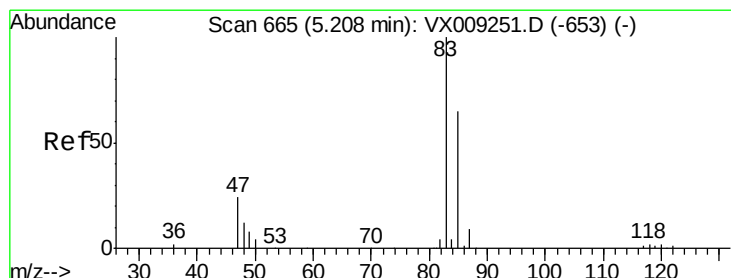
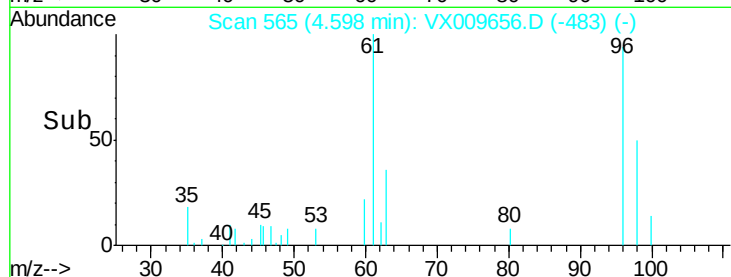
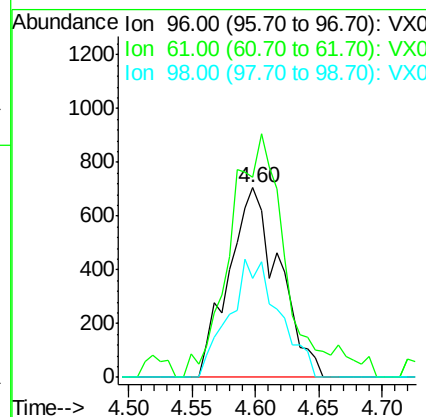
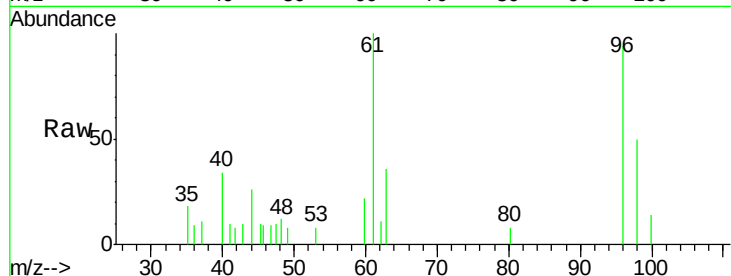
Acq: 17 May 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
55-ST-13

Tot Ion	Ratio	Lower	Upper
96	100		
61	69.3	127.7	191.5#
98	57.3	50.5	75.7

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#25

Chloroform

Concen: 0.816 ug/l m

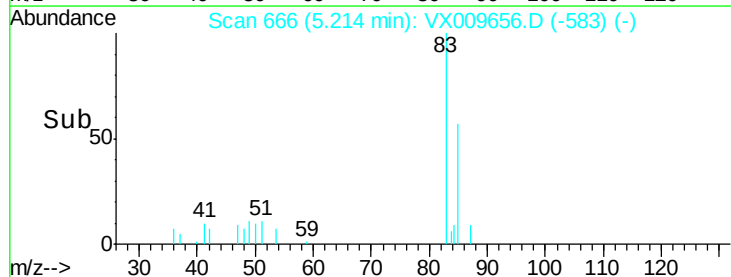
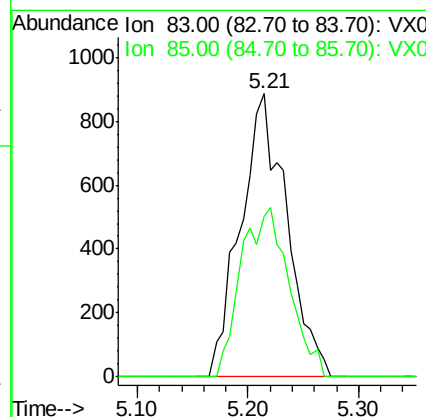
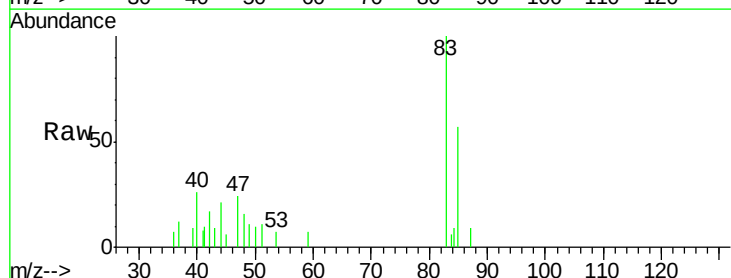
RT: 5.21 min Scan# 666

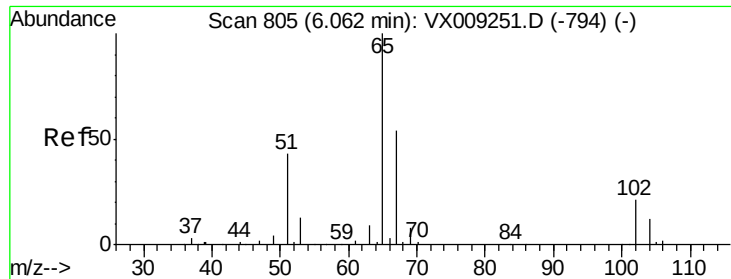
Delta R.T. 0.01 min

Lab File: VX009656.D

Acq: 17 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.9	51.9	77.9





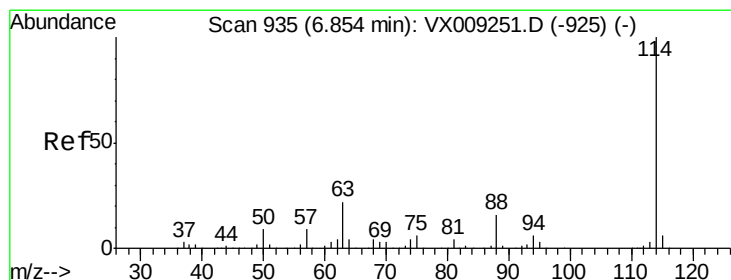
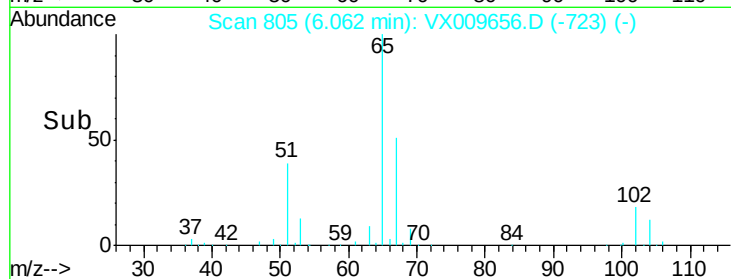
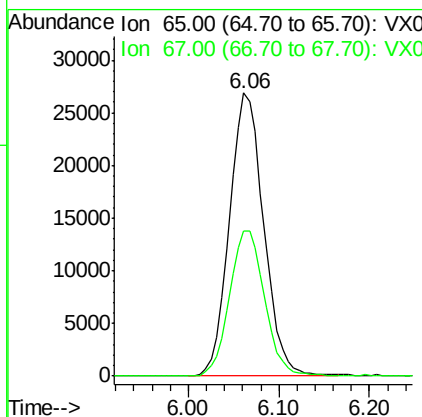
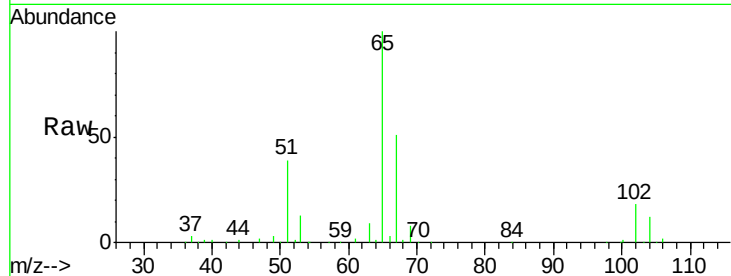
#27
 1,2-Dichloroethane-d4
 Concen: 31.028 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009656.D
 Acq: 17 May 2019 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-13

Tot Ion: 65 Resp: 70666
 Ion Ratio Lower Upper
 65 100
 67 52.4 43.1 64.7

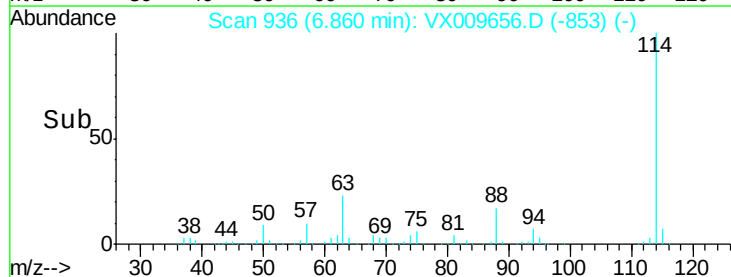
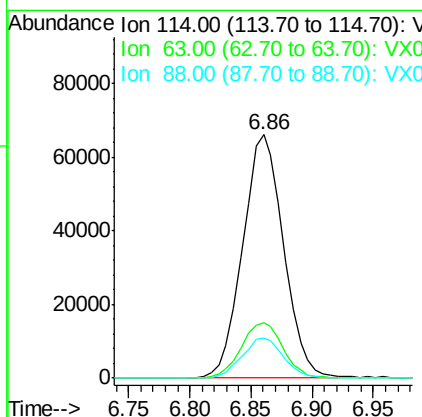
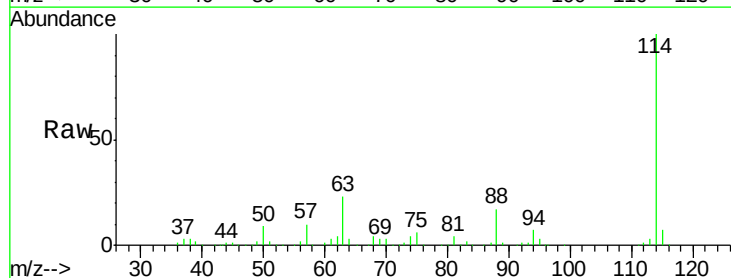
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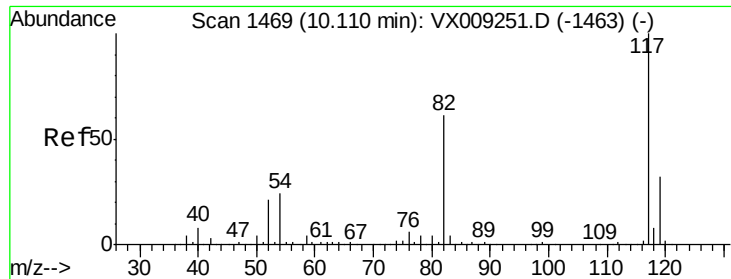
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VX009656.D
 Acq: 17 May 2019 12:09

Tgt Ion: 114 Resp: 153704
 Ion Ratio Lower Upper
 114 100
 63 23.4 18.0 27.0
 88 16.8 13.4 20.0





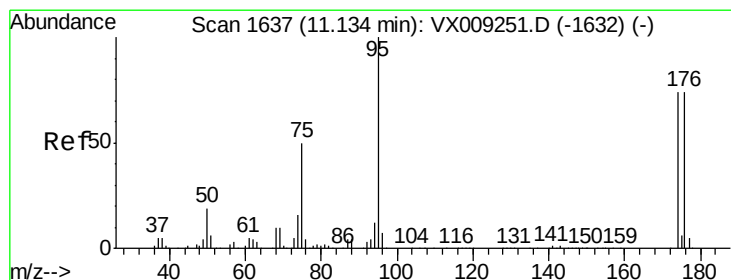
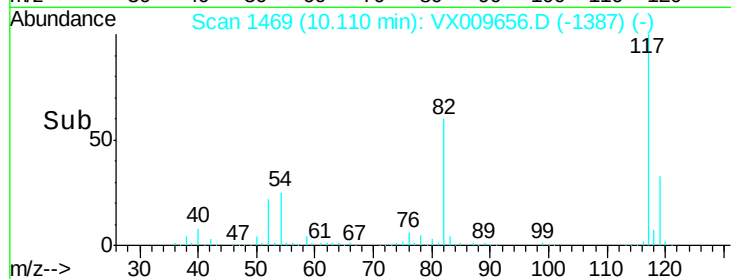
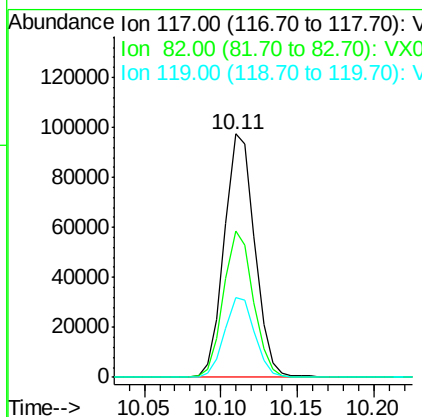
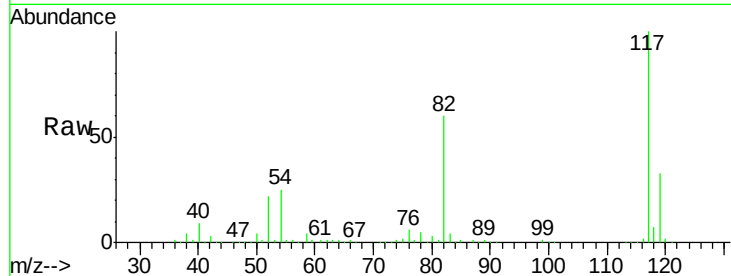
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009656.D
Acq: 17 May 2019 12:09

Instrument :
MSVOA_X
ClientSampled :
55-ST-13

Tot Ion	Ratio	Resp	Lower	Upper
117	100	134904		
82	59.0	47.8	71.8	
119	32.6	25.6	38.4	

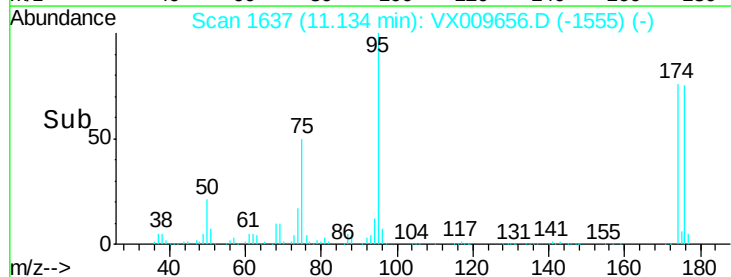
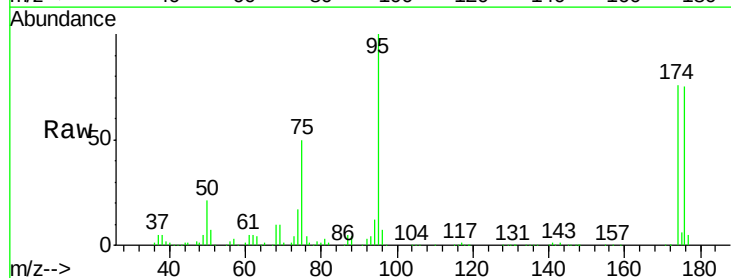
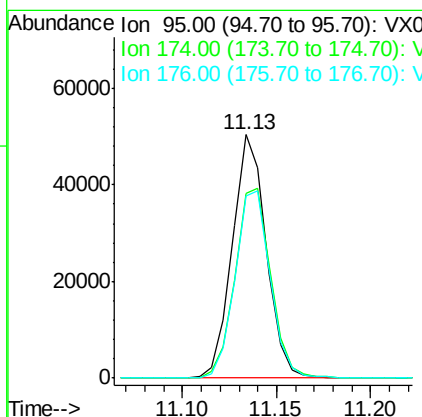
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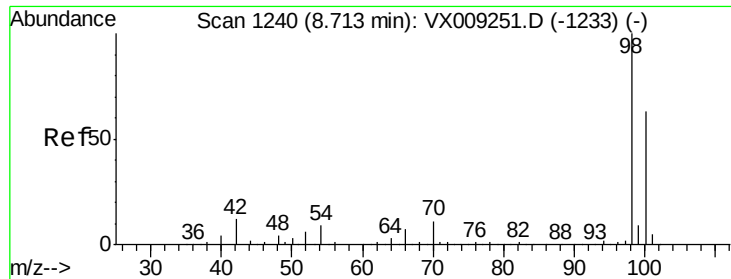
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#60
4-Bromofluorobenzene
Concen: 27.381 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009656.D
Acq: 17 May 2019 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	62766		
174	82.3	63.6	95.4	
176	80.3	62.4	93.6	





#63
 Toluene-d8
 Concen: 29.757 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009656.D
 Acq: 17 May 2019 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-13

Tot Ion	Ratio	Resp	Lower	Upper
98	100	190326		
100	63.7	52.3	78.5	

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