

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012110.D
 Acq On : 05 Sep 2019 19:30
 Operator : SY/SP
 Sample : K4546-14
 Misc : 6.16g/5.0mL/MSVOA X/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B1-(2.5)

Manual Integrations
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 9/6/2019 3:47:43 PM

Quant Time: Sep 06 06:54:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	105447	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	5.48	113	81117	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
50) Toluene-d8	8.71	98	320345	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.13	95	122293	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	3778m	9.498	ug/l	
67) Ethyl Benzene	10.25	91	25897	3.073	ug/l	98
68) m/p-Xylenes	10.36	106	32201	10.370	ug/l	89
69) o-Xylene	10.70	106	13787	4.579	ug/l	84

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

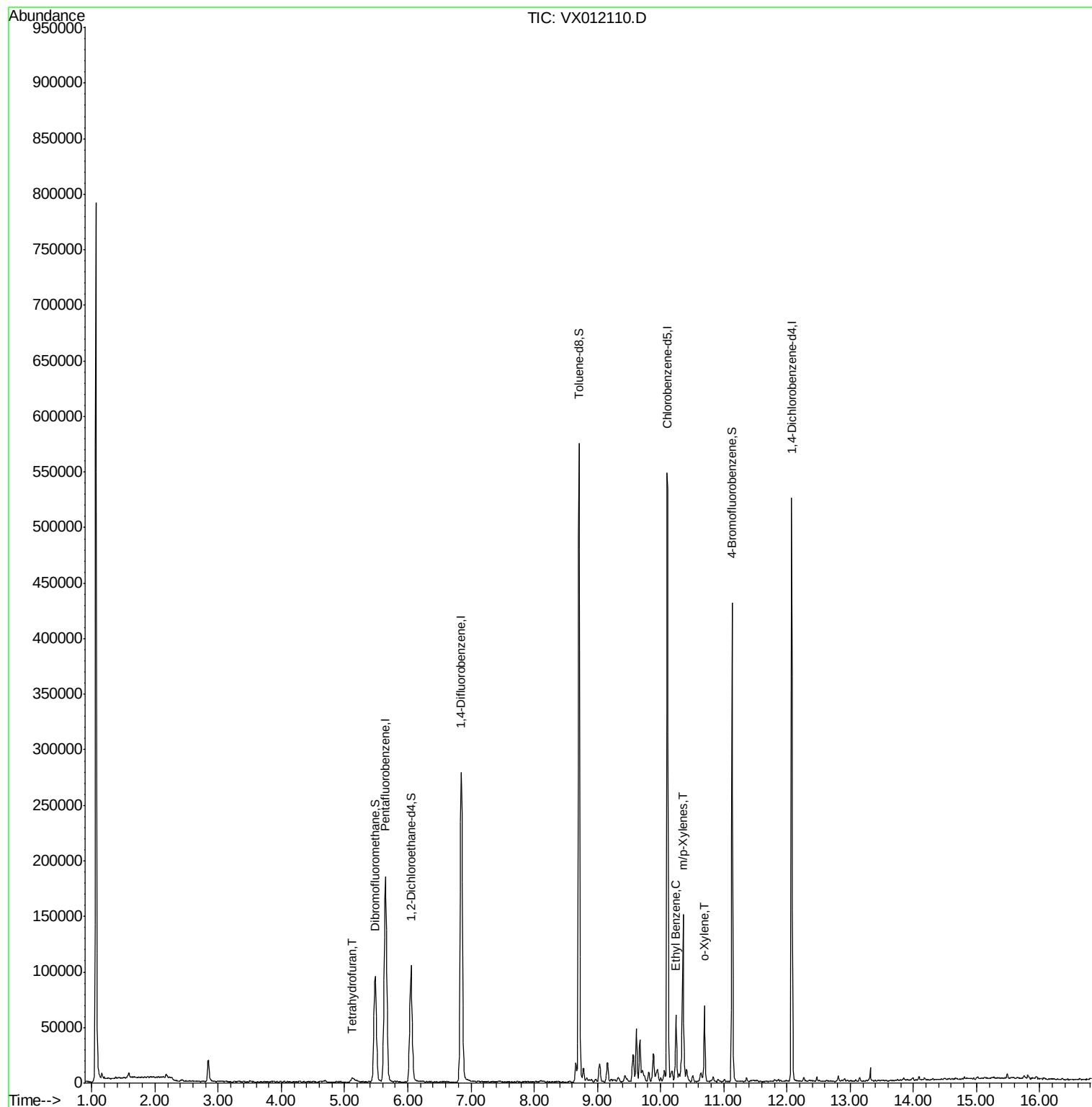
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090519\
Data File : VX012110.D
Acq On : 05 Sep 2019 19:30
Operator : SY/SP
Sample : K4546-14
Misc : 6.16g/5.0mL/MSVOA X/SOIL
ALS Vial : 20 Sample Multiplier: 1

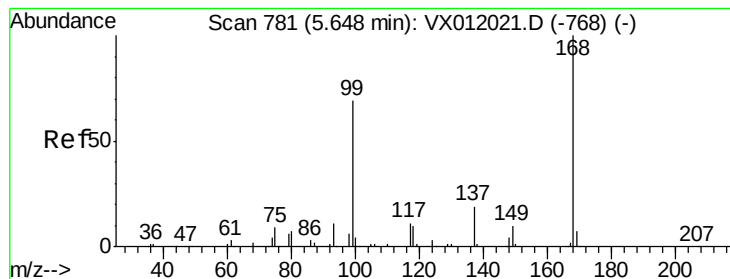
Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

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Quant Time: Sep 06 06:54:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012110.D

Acq: 05 Sep 2019 19:30

Instrument :

MSVOA_X

ClientSampleId :

T3-S-B1-(2.5)

Tot Ion:168 Resp: 157252

Ion Ratio Lower Upper

168 100

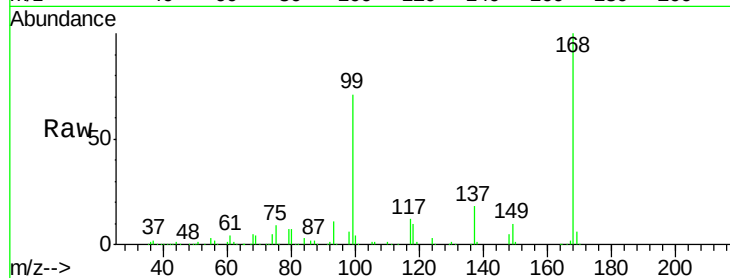
99 70.7 37.6 56.4#

Manual Integrations

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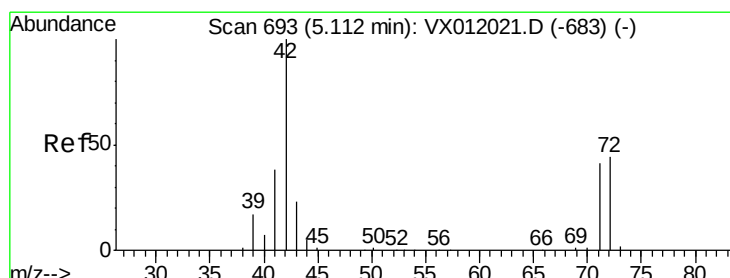
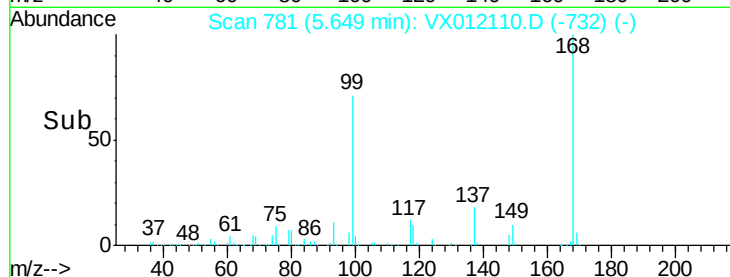
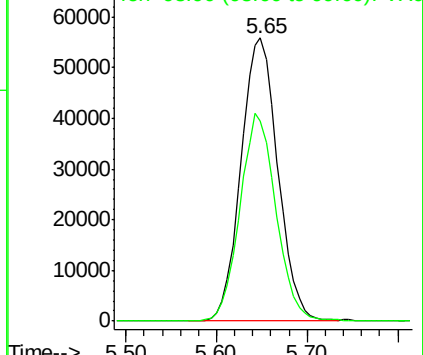
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#29

Tetrahydrofuran

Concen: 9.498 ug/l m

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012110.D

Acq: 05 Sep 2019 19:30

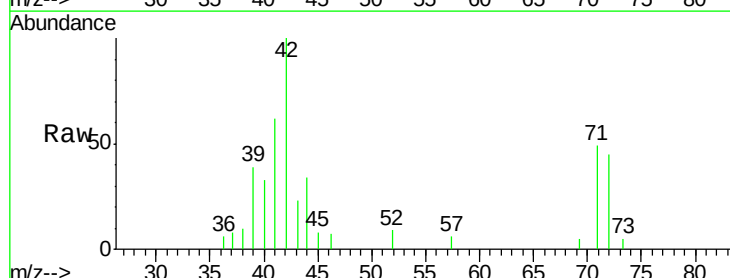
Tgt Ion: 42 Resp: 3778

Ion Ratio Lower Upper

42 100

72 42.5 37.0 55.4

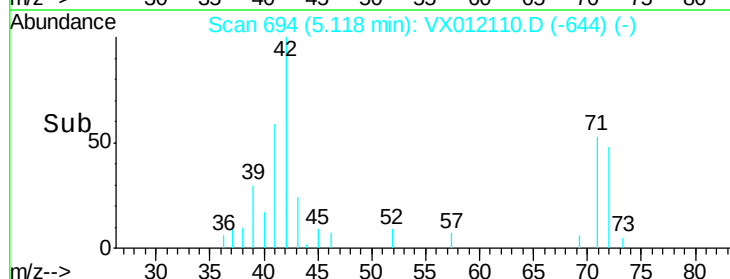
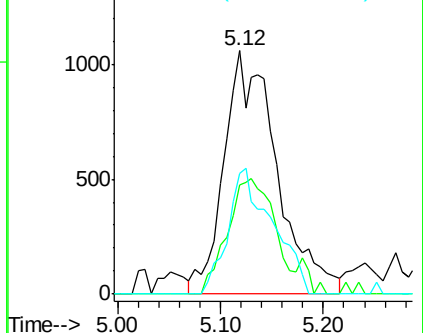
71 43.5 33.8 50.8

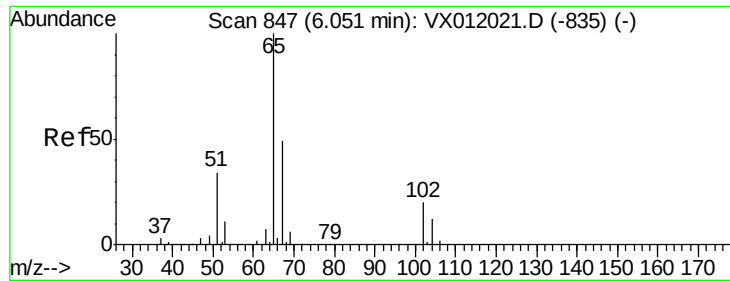


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





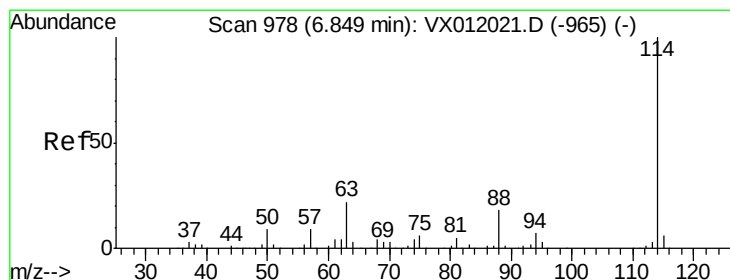
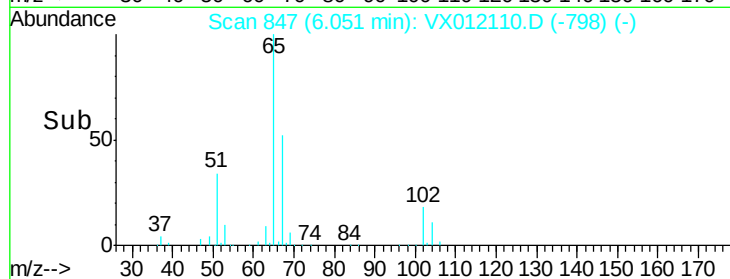
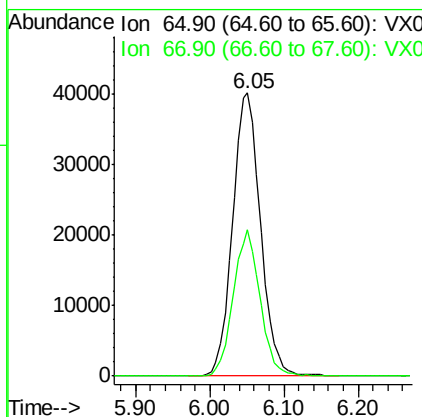
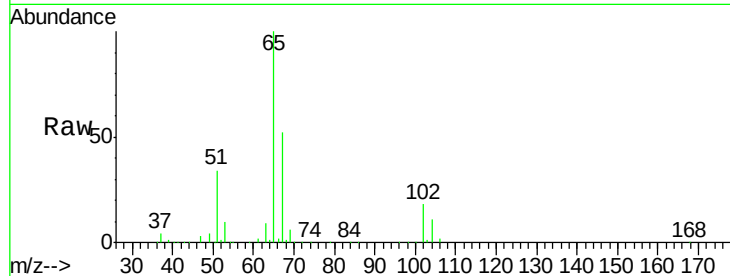
#33
 1,2-Dichloroethane-d4
 Concen: 48.598 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012110.D
 Acq: 05 Sep 2019 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B1-(2.5)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	105447		
67	49.4	0.0	102.0	

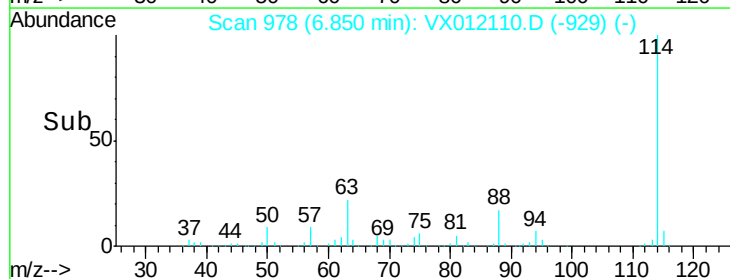
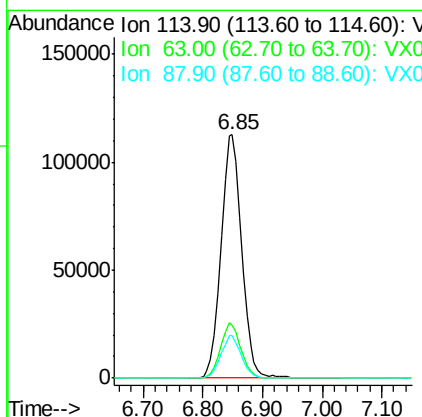
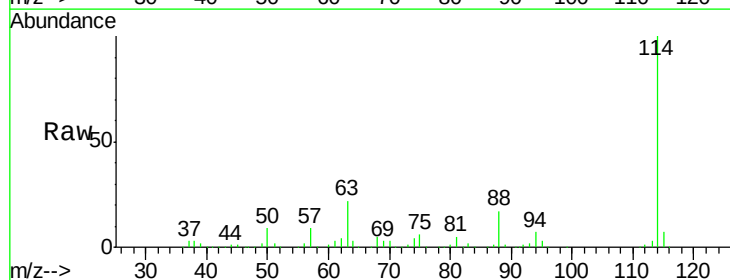
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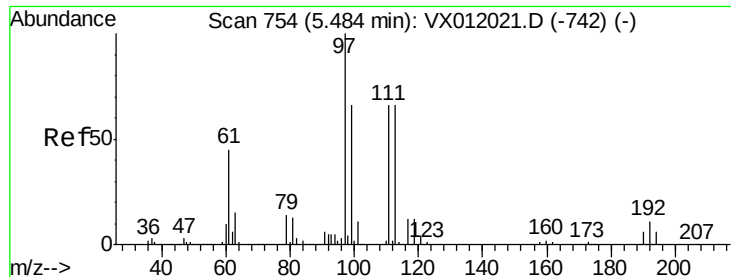
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012110.D
 Acq: 05 Sep 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	272339		
63	21.8	0.0	37.4	
88	17.3	0.0	29.6	





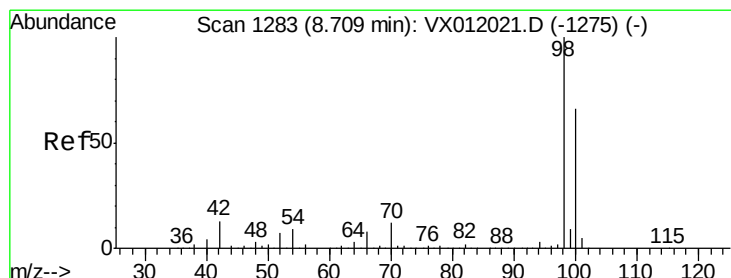
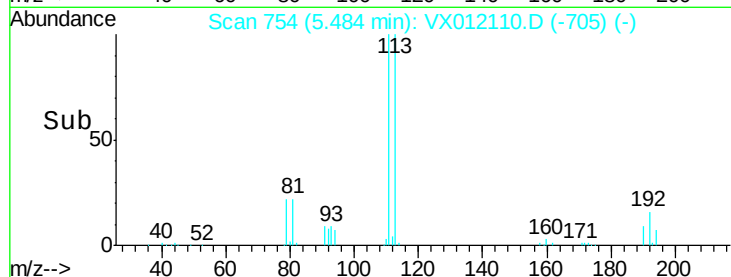
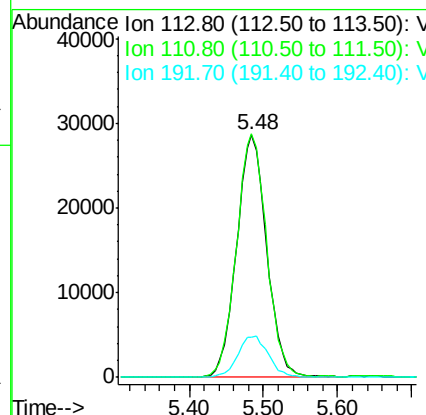
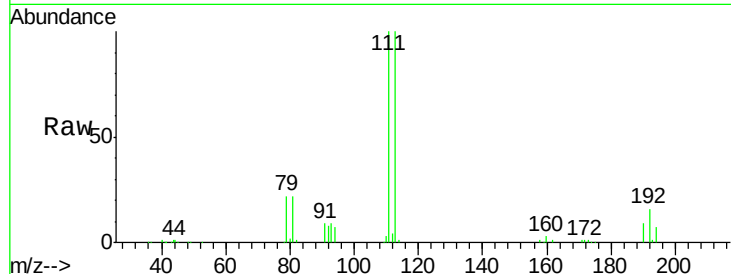
#35
 Dibromofluoromethane
 Concen: 48.434 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012110.D
 Acq: 05 Sep 2019 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B1-(2.5)

Tot Ion	Ratio	Resp	Lower	Upper
113	100	81117		
111	100.7	81.7	122.5	
192	17.2	22.5	33.7	

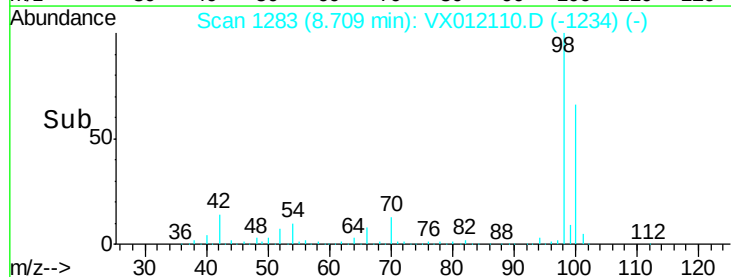
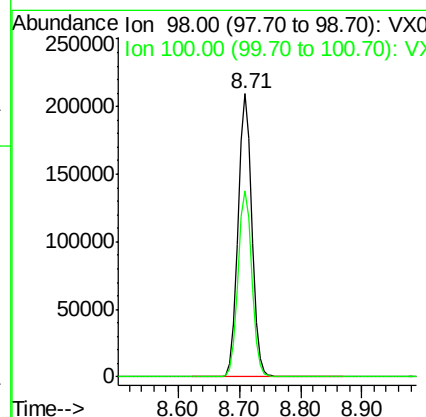
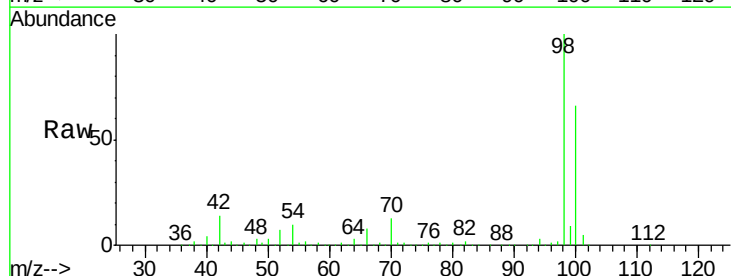
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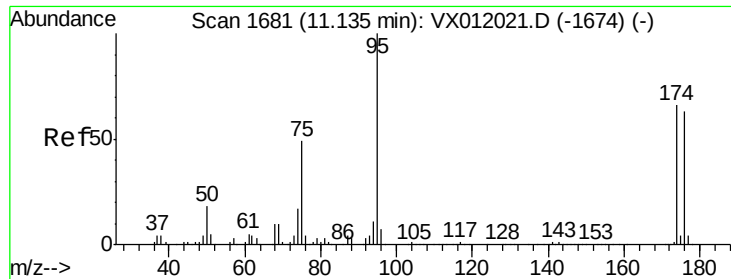
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#50
 Toluene-d8
 Concen: 52.124 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012110.D
 Acq: 05 Sep 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	320345		
100	66.2	53.3	79.9	





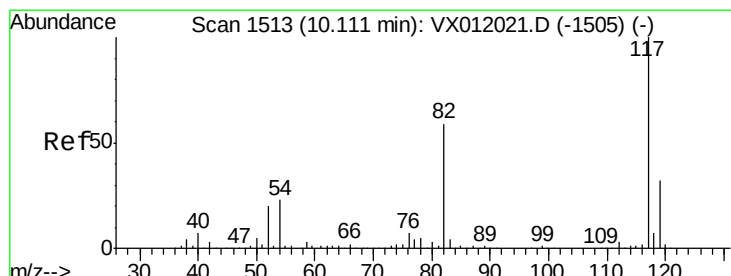
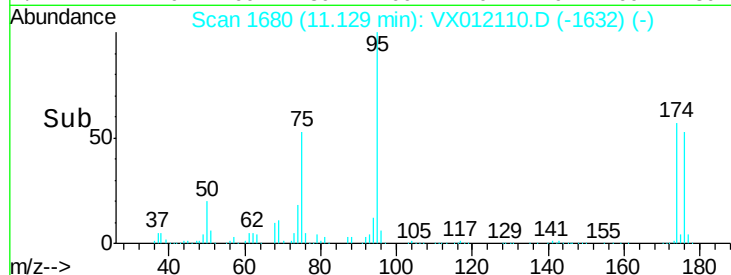
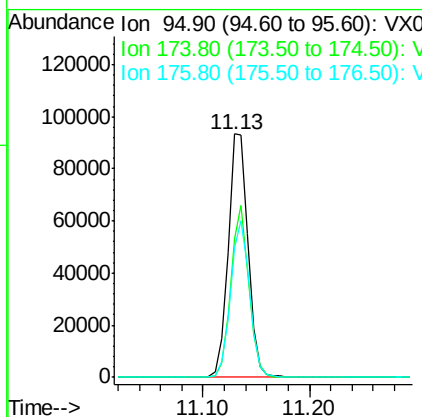
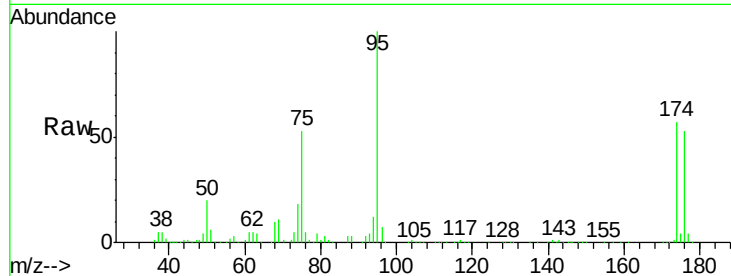
#62
4-Bromofluorobenzene
Concen: 42.787 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012110.D
Acq: 05 Sep 2019 19:30

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	122293		
174	64.1	0.0	205.4	
176	61.2	0.0	201.8	

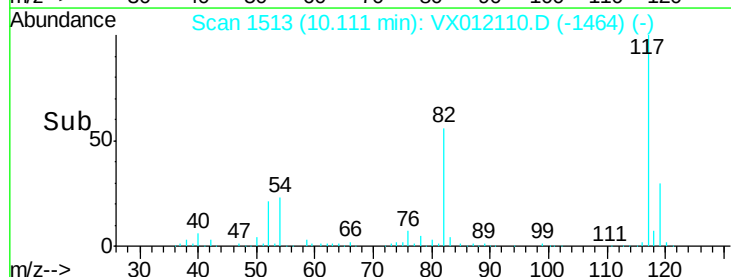
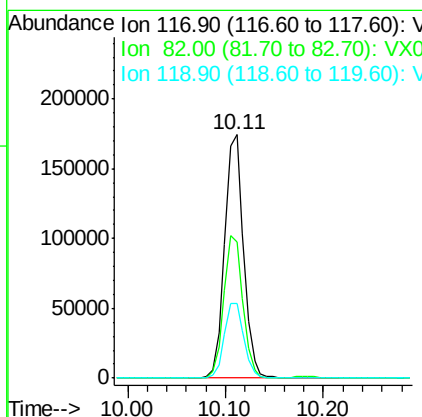
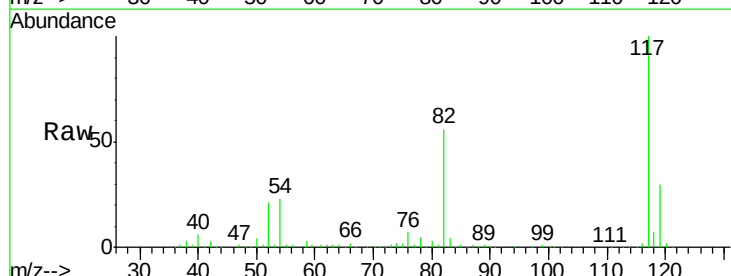
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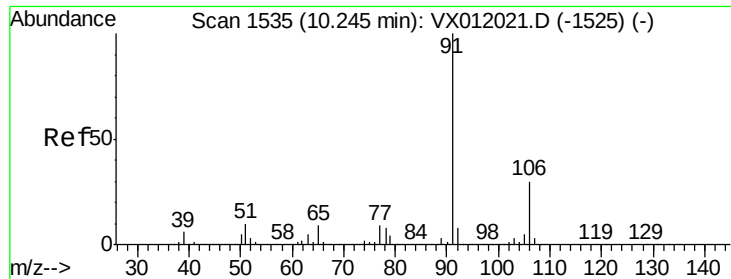
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012110.D
Acq: 05 Sep 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	234335		
82	55.9	39.4	59.0	
119	30.5	26.1	39.1	





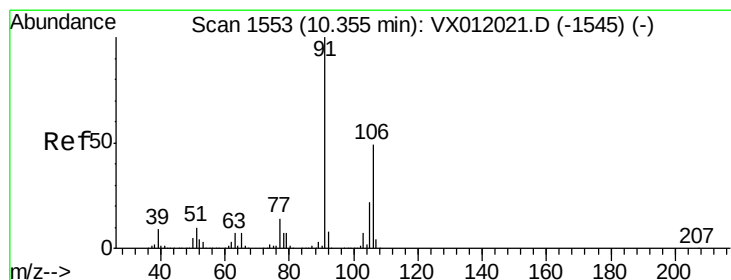
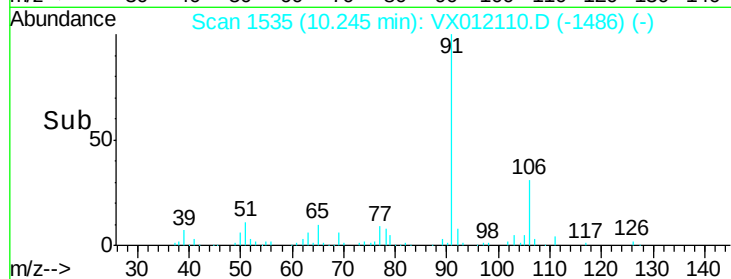
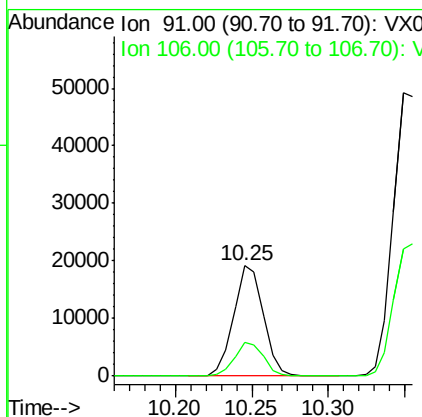
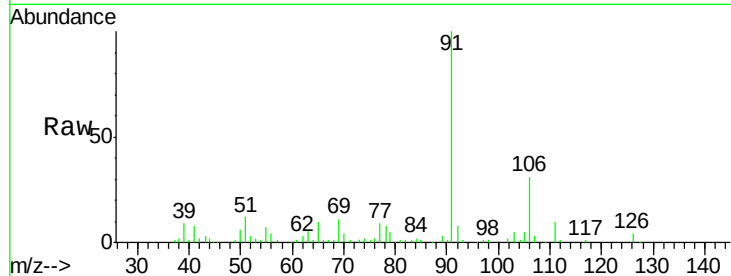
#67
Ethyl Benzene
Concen: 3.073 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012110.D
Acq: 05 Sep 2019 19:30

Instrument :
MSVOA_X
ClientSampled :
T3-S-B1-(2.5)

Tot Ion: 91 Resp: 25897
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.8

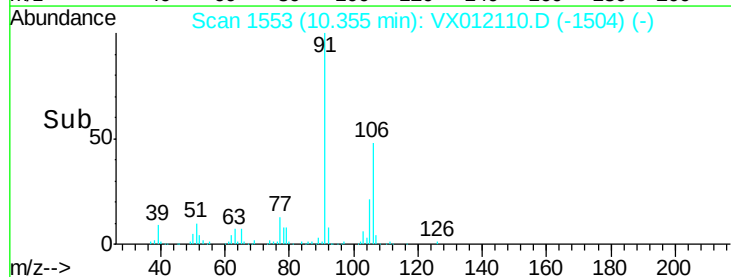
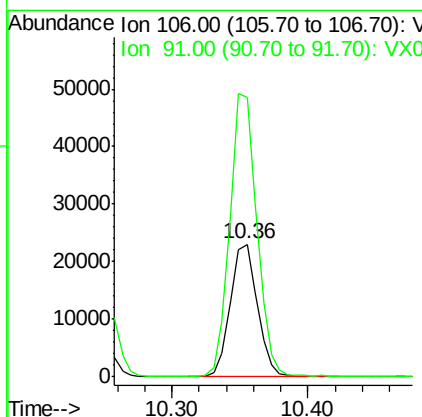
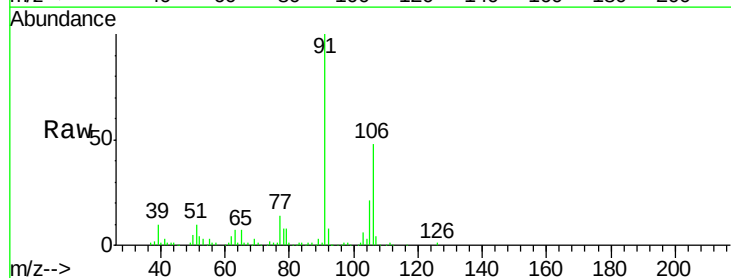
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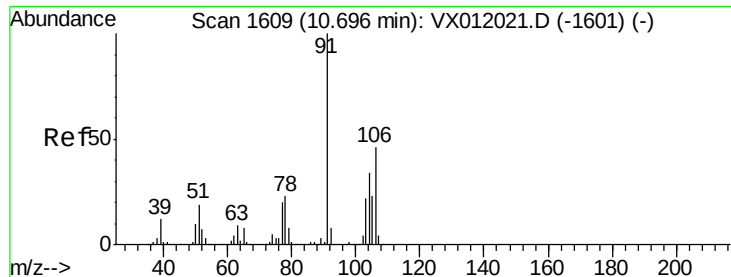
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#68
m/p-Xylenes
Concen: 10.370 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012110.D
Acq: 05 Sep 2019 19:30

Tgt Ion: 106 Resp: 32201
Ion Ratio Lower Upper
106 100
91 214.1 157.5 236.3





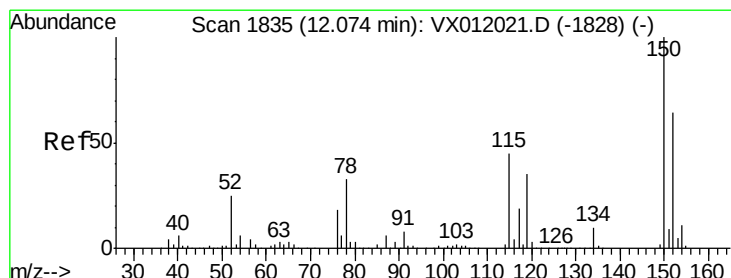
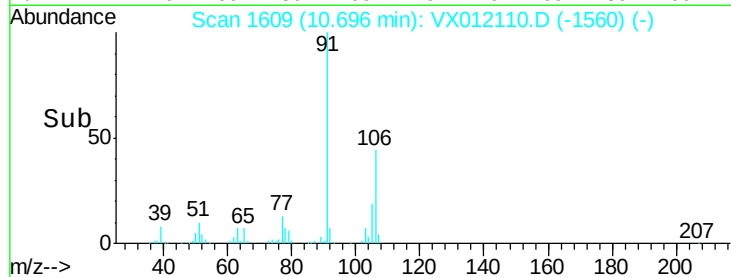
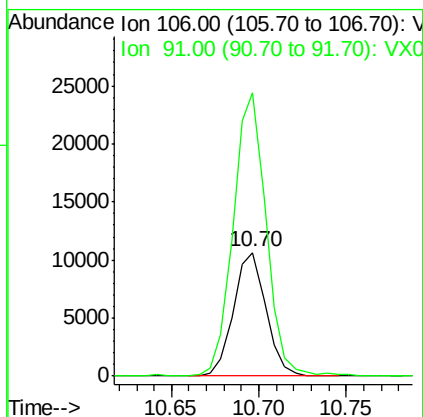
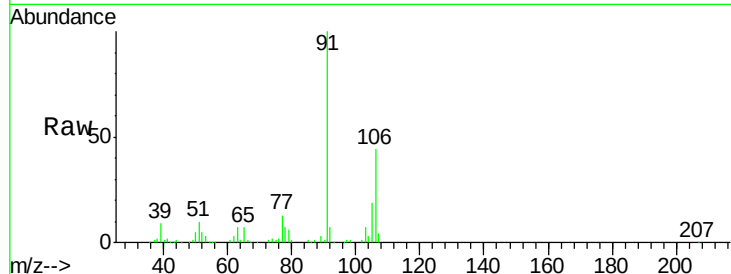
#69
o-Xylene
Concen: 4.579 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012110.D
Acq: 05 Sep 2019 19:30

Instrument :
MSVOA_X
ClientSampled :
T3-S-B1-(2.5)

Tot Ion:106 Resp: 13787
Ion Ratio Lower Upper
106 100
91 231.9 103.5 310.3

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012110.D
Acq: 05 Sep 2019 19:30

Tgt Ion:152 Resp: 95950
Ion Ratio Lower Upper
152 100
115 65.7 36.4 109.3
150 155.1 0.0 341.2

