

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035818.D
 Acq On : 4 Nov 2020 00:34
 Operator : SY/AP
 Sample : L4604-03 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
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Quant Time: Nov 04 05:59:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 05:59:54 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1200404	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	5184558	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4786483	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3448700	10.14	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	17202	0.327	ppbv	87
13) Ethanol	3.60	45	10623m	0.931	ppbv	
15) Acetone	3.84	43	138089	1.076	ppbv	100
20) Methylene Chloride	4.32	84	70776	0.783	ppbv	95
26) Hexane	5.66	57	50623	0.363	ppbv #	47
29) Chloroform	5.73	83	26433	0.096	ppbv	92
30) Cyclohexane	7.10	84	35568m	0.234	ppbv	
53) Toluene	9.78	91	84788	0.182	ppbv	100
59) m/p-Xylene	12.94	91	107076	0.217	ppbv	97
60) o-Xylene	13.67	91	51264m	0.107	ppbv	

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

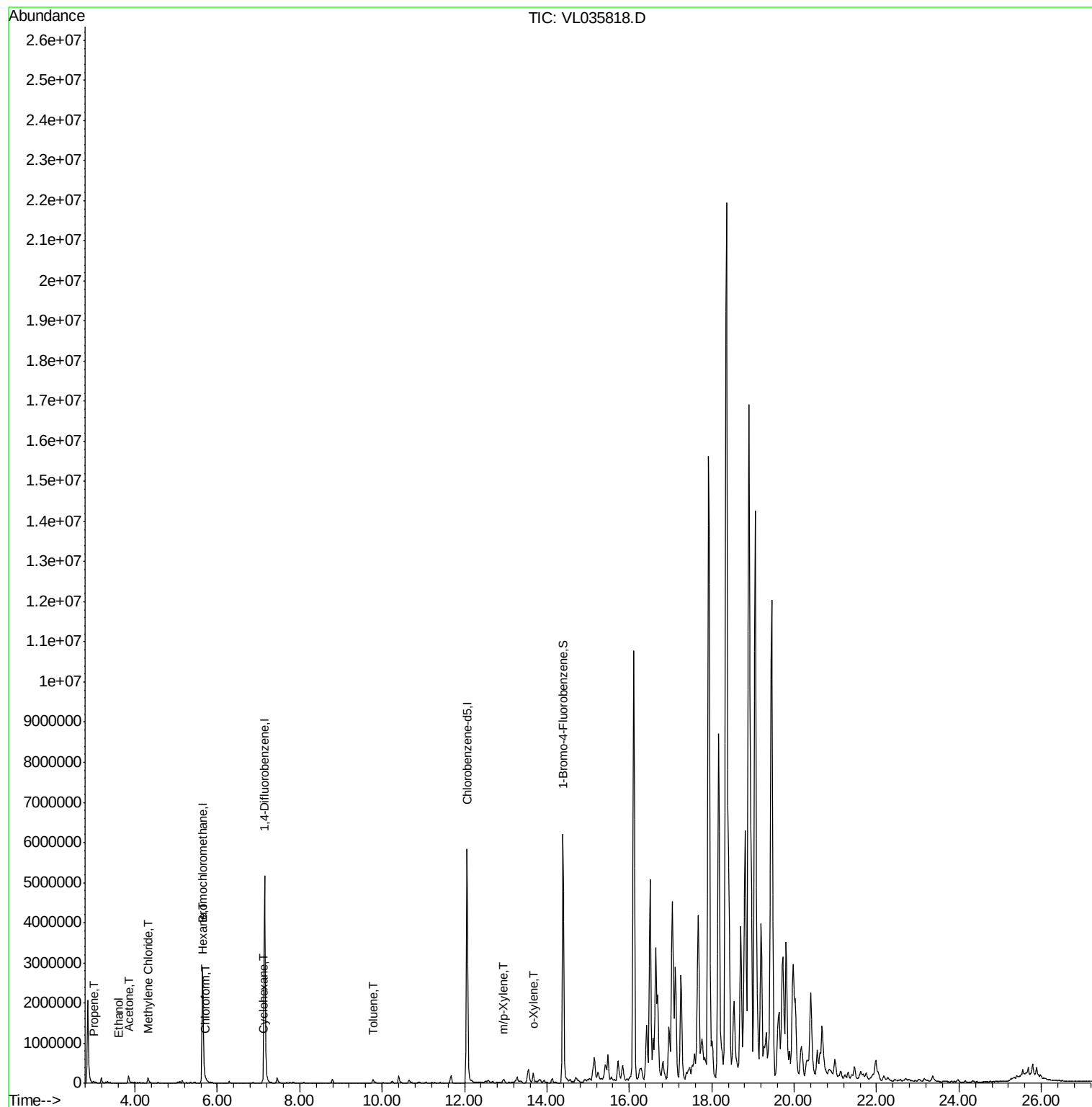
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Data File : VL035818.D
Acq On : 4 Nov 2020 00:34
Operator : SY/AP
Sample : L4604-03 10X
Misc : 400ml/MSVOA L
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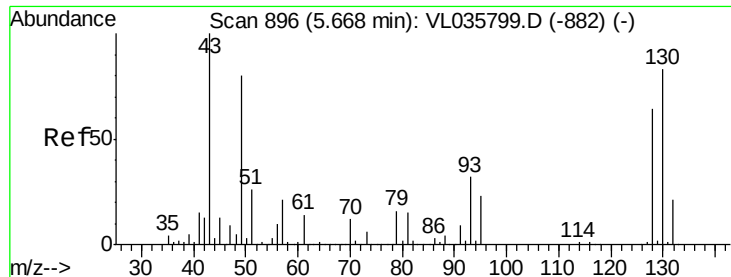
Instrument :
MSVOA_L
ClientSampleId :
SV2

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Quant Time: Nov 04 05:59:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





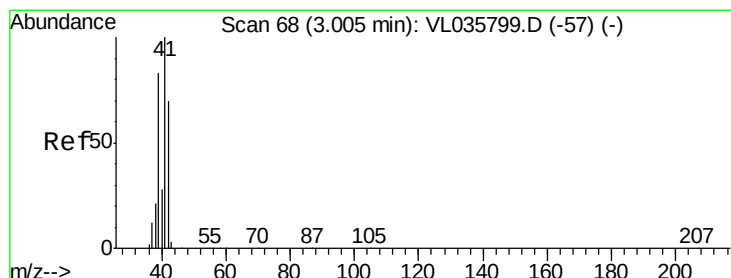
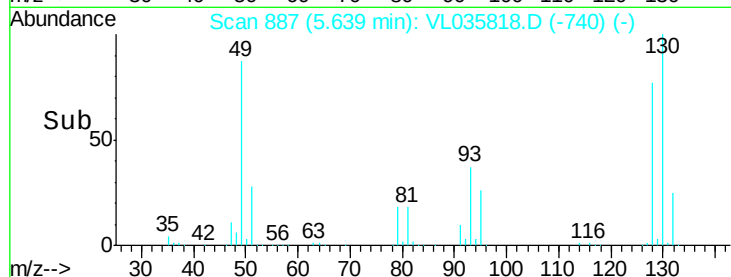
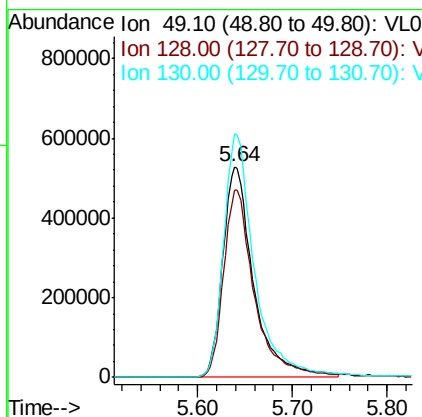
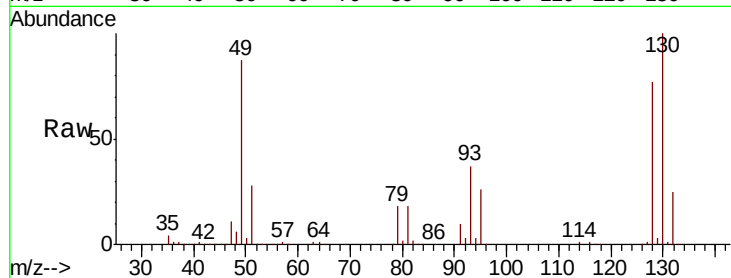
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 887
 Delta R.T. -0.03 min
 Lab File: VL035818.D
 Acq: 4 Nov 2020 00:34

Instrument :
 MSVOA_L
 ClientSampled :
 SV2

Tot Ion: 49 Resp: 1200404
 Ion Ratio Lower Upper
 49 100
 128 90.4 41.5 124.6
 130 118.0 53.7 161.1

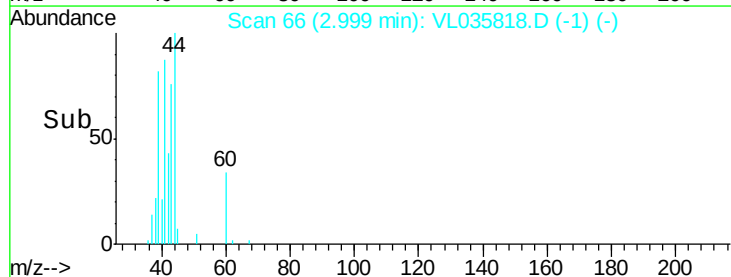
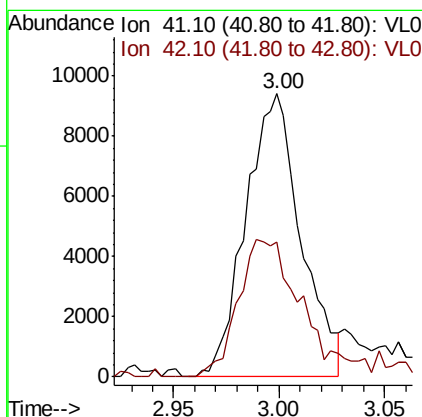
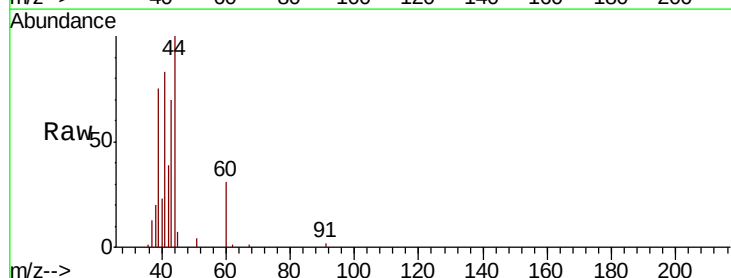
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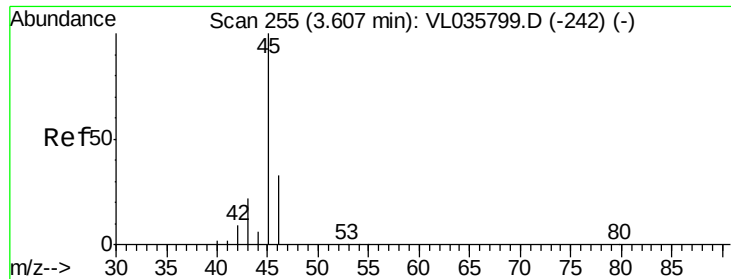
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#9
 Propene
 Concen: 0.327 ppbv
 RT: 3.00 min Scan# 66
 Delta R.T. -0.01 min
 Lab File: VL035818.D
 Acq: 4 Nov 2020 00:34

Tgt Ion: 41 Resp: 17202
 Ion Ratio Lower Upper
 41 100
 42 59.5 56.2 84.4





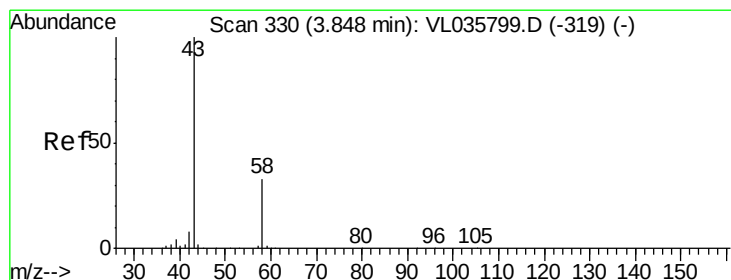
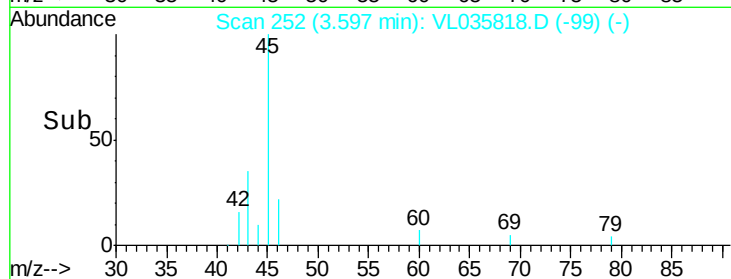
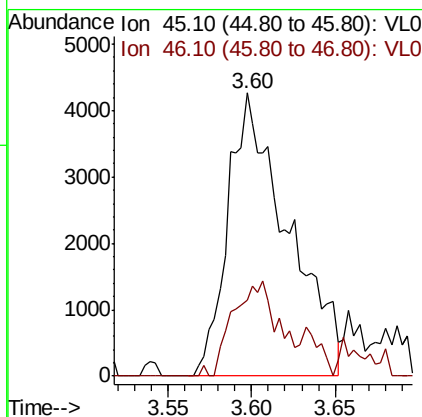
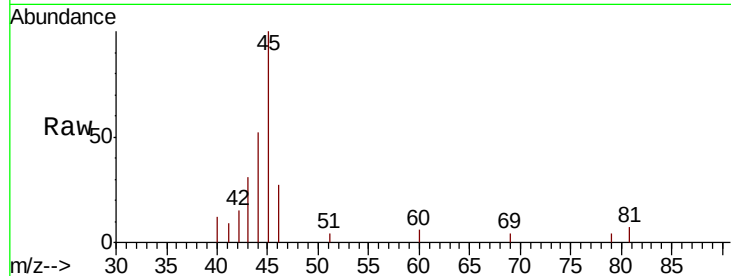
#13
Ethanol
Concen: 0.931 ppbv m
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL035818.D
Acq: 4 Nov 2020 00:34

Instrument :
MSVOA_L
ClientSampled :
SV2

Tot Ion	45.10 (44.80 to 45.80): VL0	Resp	10623
Ion Ratio	Lower	Upper	
45	100		
46	0.0	16.1	64.5#

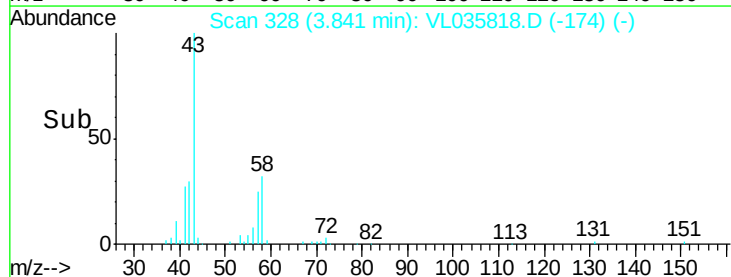
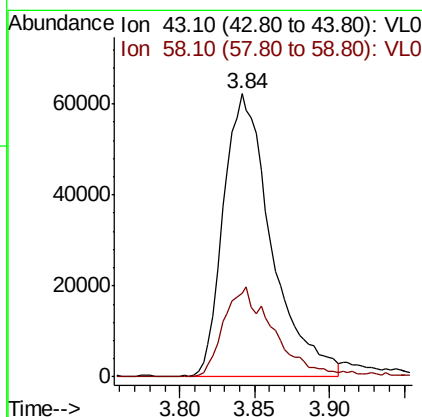
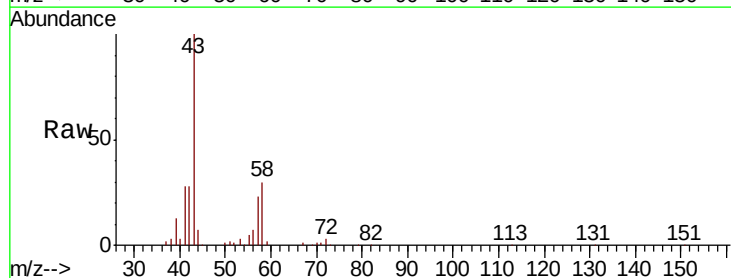
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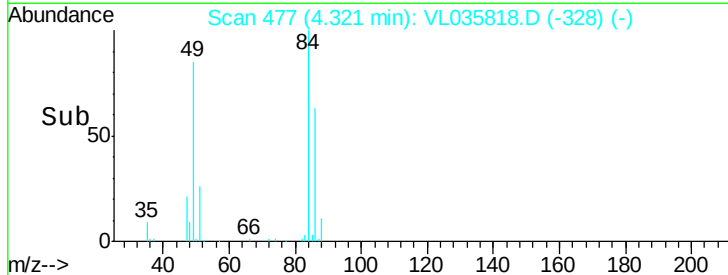
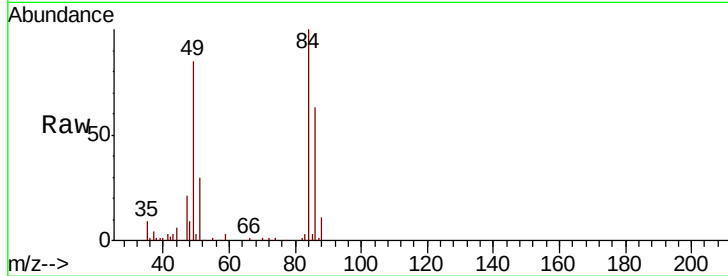
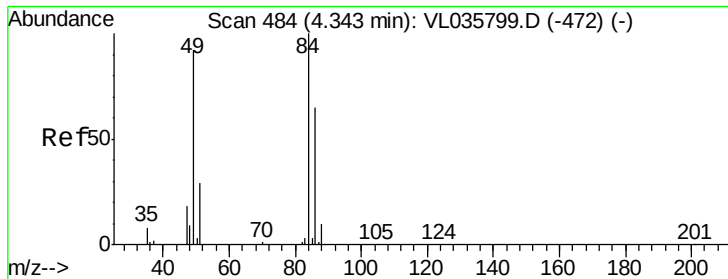
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#15
Acetone
Concen: 1.076 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL035818.D
Acq: 4 Nov 2020 00:34

Tgt Ion	43.10 (42.80 to 43.80): VL0	Resp	138089
Ion Ratio	Lower	Upper	
43	100		
58	34.7	27.5	41.3





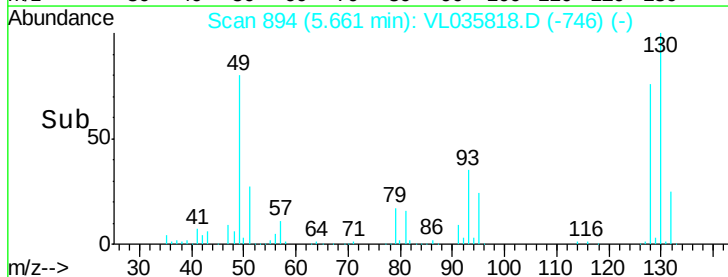
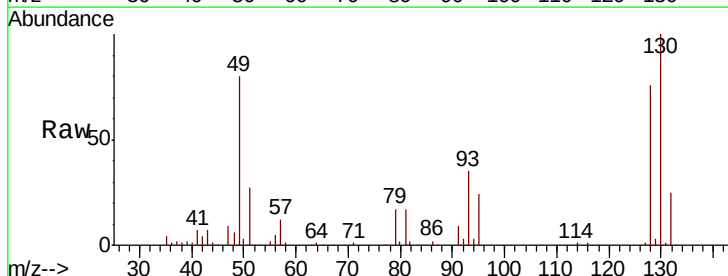
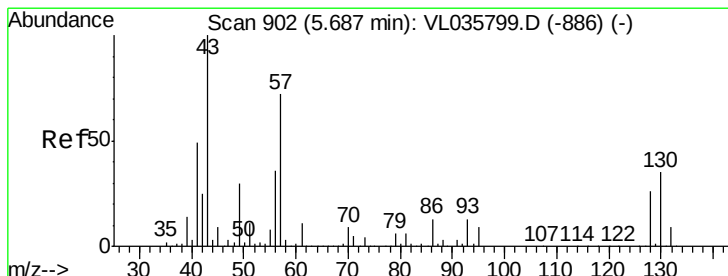
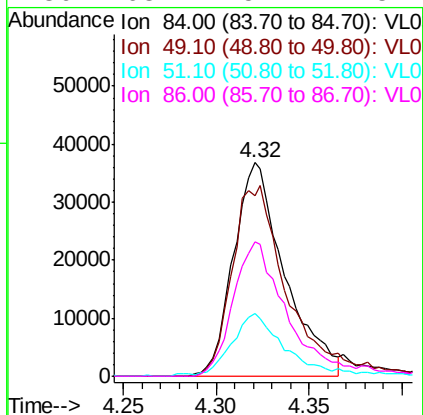
#20
Methvlene Chloride
Concen: 0.783 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035818.D
Acq: 4 Nov 2020 00:34

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	84.6	73.8	110.8	
51	28.7	23.0	34.4	
86	63.2	52.1	78.1	

Instrument :
MSVOA_L
ClientSampled :
SV2

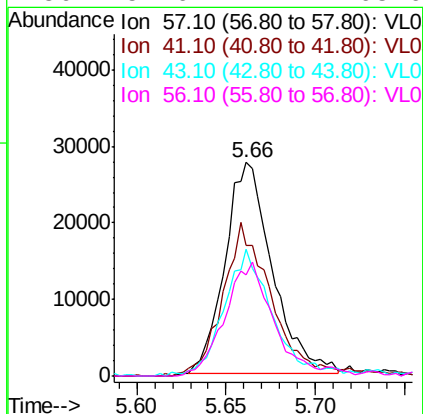
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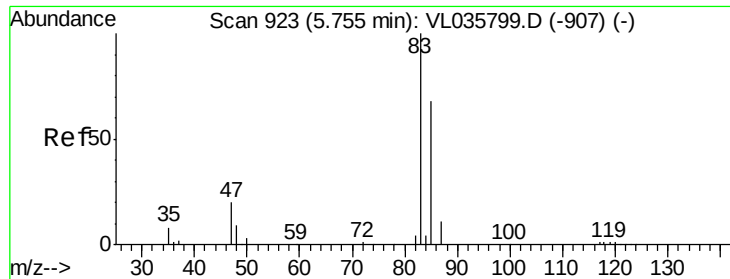
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#26
Hexane
Concen: 0.363 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL035818.D
Acq: 4 Nov 2020 00:34

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	76.9	58.9	88.3	
43	64.3	150.2	225.2	
56	57.6	42.4	63.6	





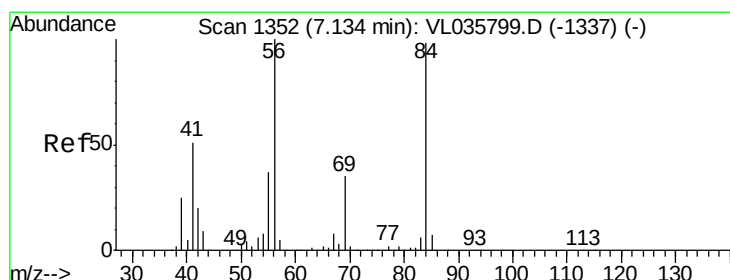
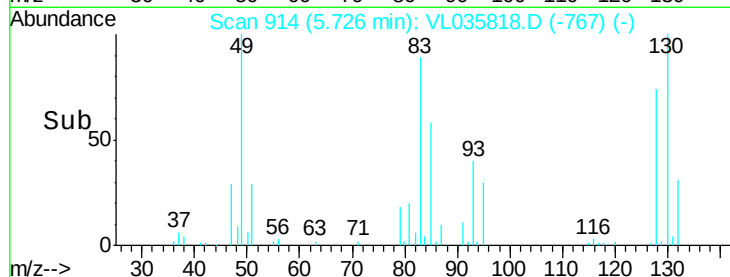
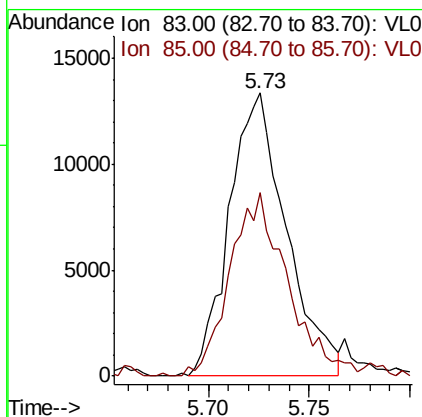
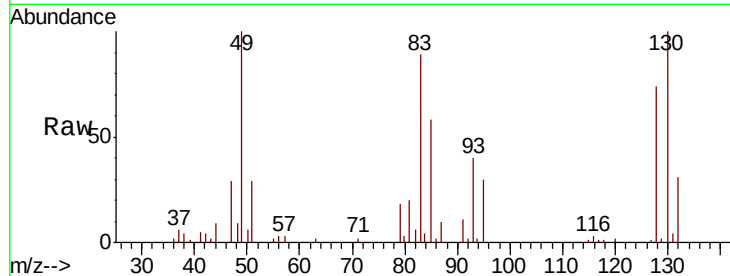
#29
Chloroform
Concen: 0.096 ppbv
RT: 5.73 min Scan# 914
Delta R.T. -0.03 min
Lab File: VL035818.D
Acq: 4 Nov 2020 00:34

Instrument :
MSVOA_L
ClientSampled :
SV2

Tot Ion: 83 Resp: 26433
Ion Ratio Lower Upper
83 100
85 61.6 54.6 81.8

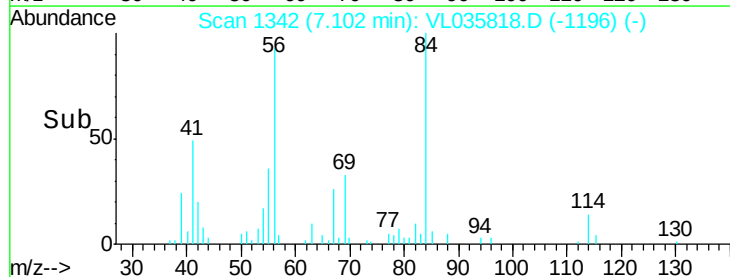
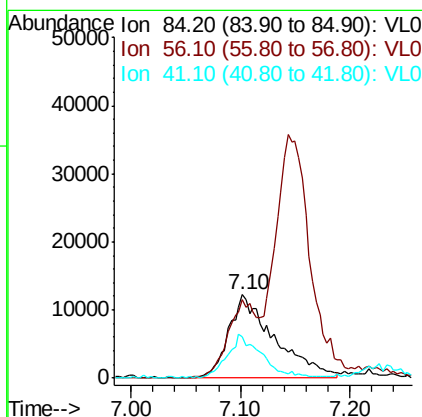
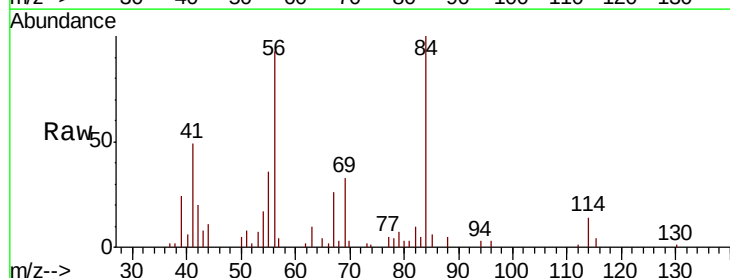
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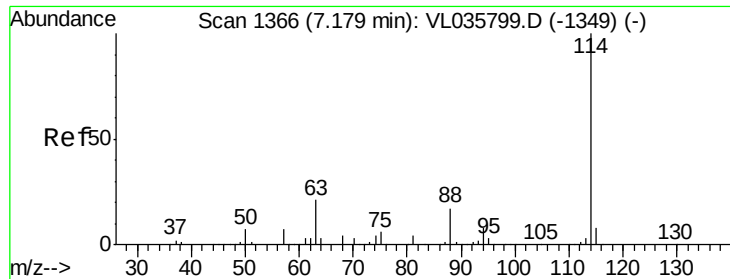
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#30
Cyclohexane
Concen: 0.234 ppbv m
RT: 7.10 min Scan# 1342
Delta R.T. -0.03 min
Lab File: VL035818.D
Acq: 4 Nov 2020 00:34

Tgt Ion: 84 Resp: 35568
Ion Ratio Lower Upper
84 100
56 0.0 86.4 129.6#
41 40.8 42.1 63.1#





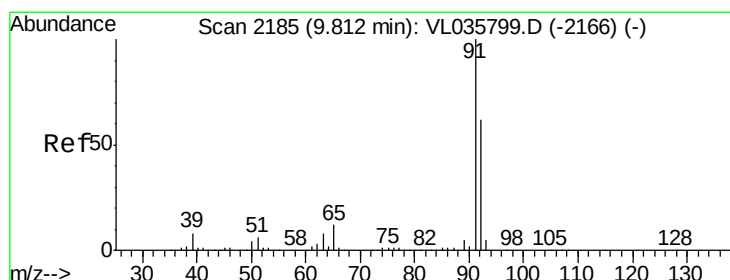
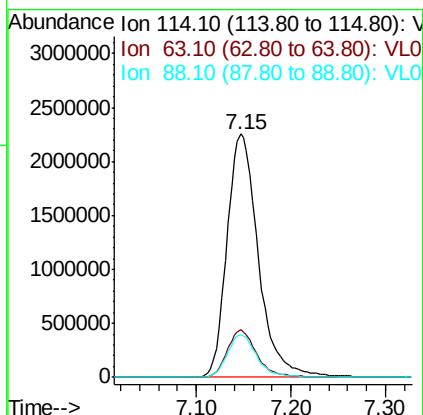
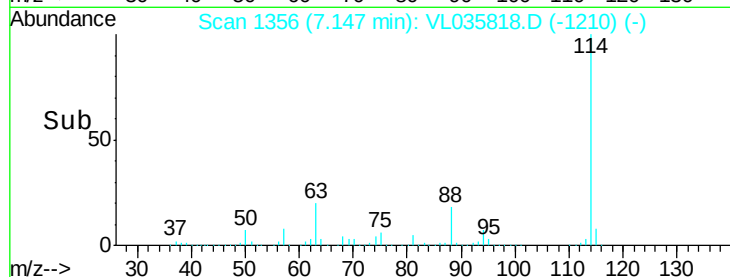
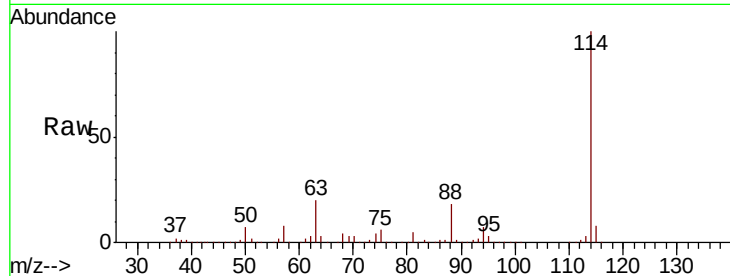
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: VL035818.D
 Acq: 4 Nov 2020 00:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Tot Ion:114 Resp: 5184558
 Ion Ratio Lower Upper
 114 100
 63 18.5 16.1 24.1
 88 16.8 13.7 20.5

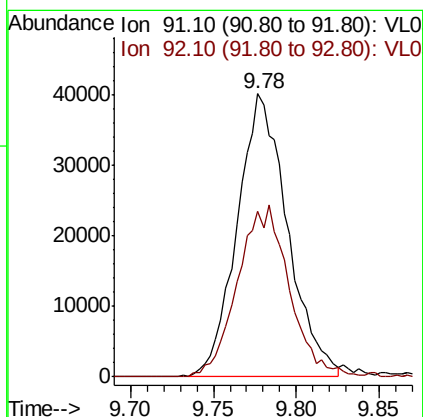
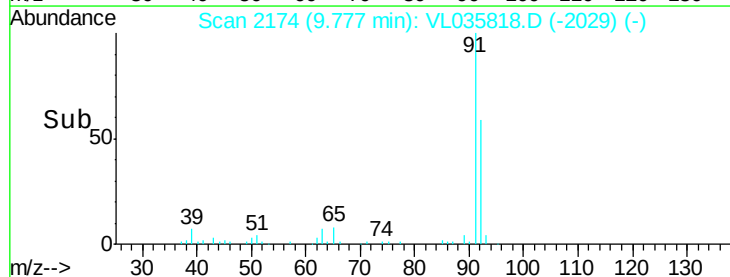
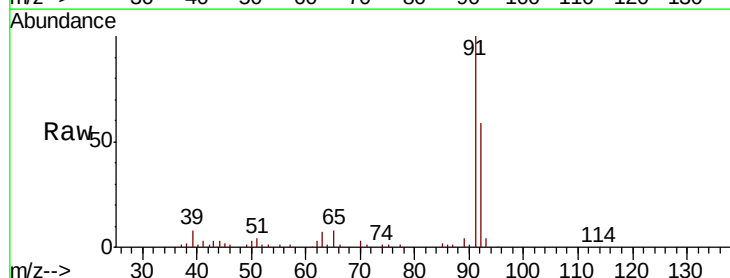
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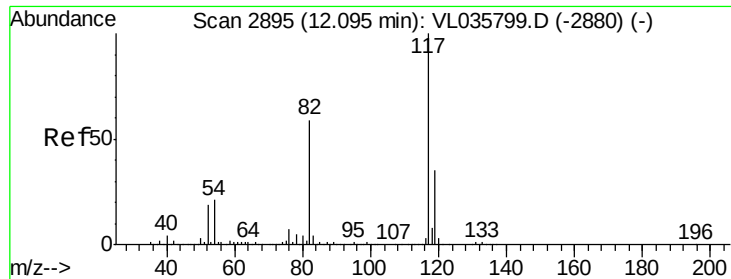
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#53
 Toluene
 Concen: 0.182 ppbv
 RT: 9.78 min Scan# 2174
 Delta R.T. -0.04 min
 Lab File: VL035818.D
 Acq: 4 Nov 2020 00:34

Tgt Ion: 91 Resp: 84788
 Ion Ratio Lower Upper
 91 100
 92 62.3 49.8 74.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2884

Delta R.T. -0.04 min

Lab File: VL035818.D

Acq: 4 Nov 2020 00:34

Instrument :

MSVOA_L

ClientSampled :

SV2

Tot Ion:117 Resp: 4786483

Ion Ratio Lower Upper

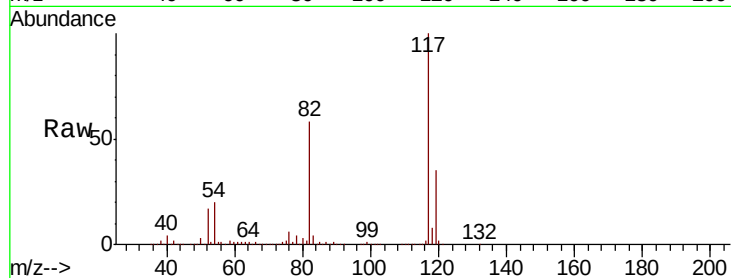
117 100

82 56.3 50.6 76.0

119 34.7 52.6 78.8#

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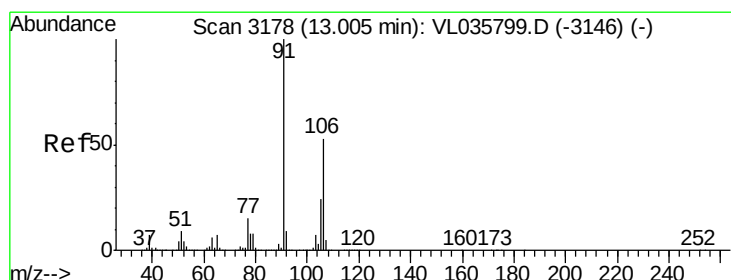
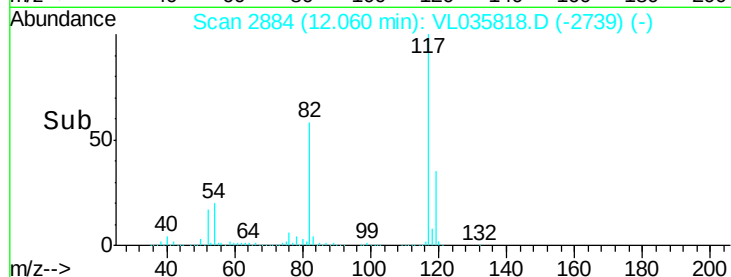
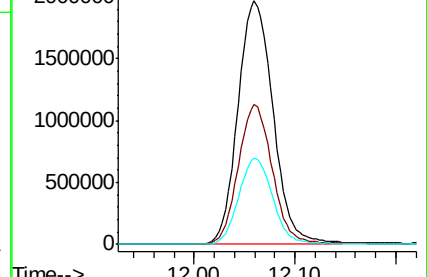
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#59

m/p-Xylene

Concen: 0.217 ppbv

RT: 12.94 min Scan# 3159

Delta R.T. -0.06 min

Lab File: VL035818.D

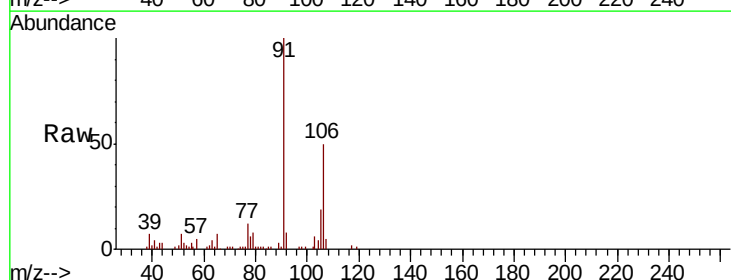
Acq: 4 Nov 2020 00:34

Tgt Ion: 91 Resp: 107076

Ion Ratio Lower Upper

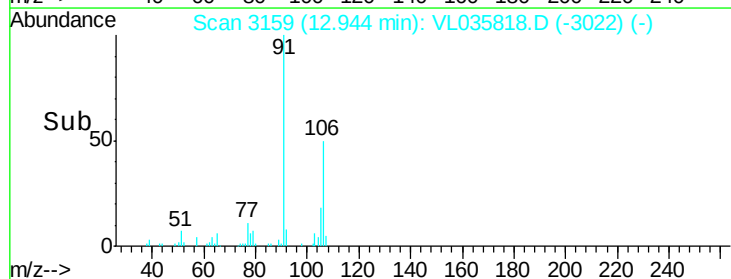
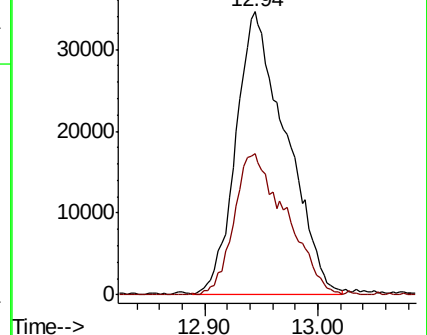
91 100

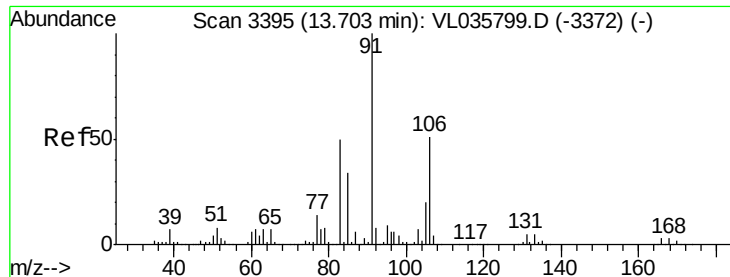
106 51.6 39.5 59.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





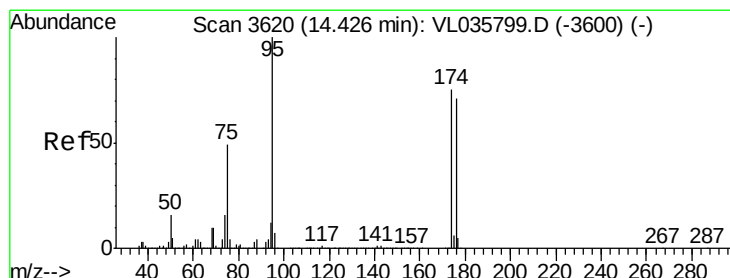
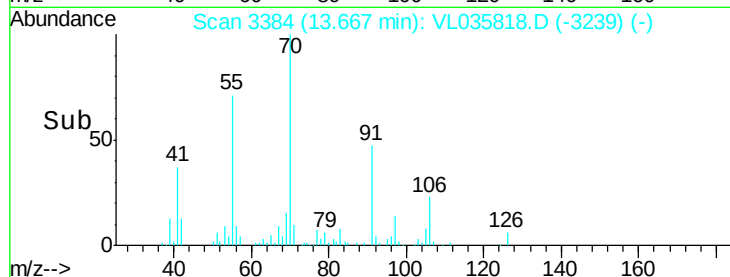
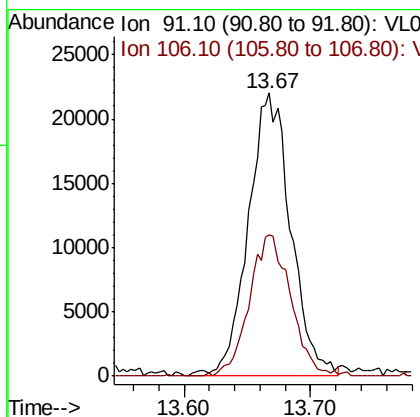
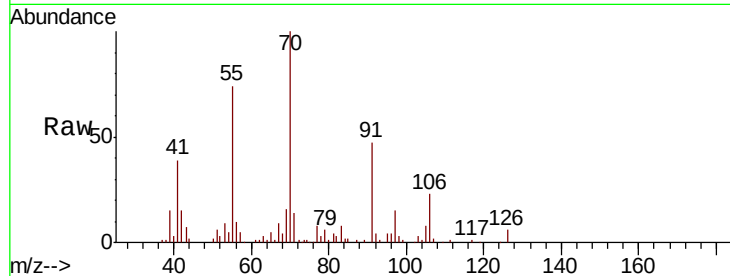
#60
o-Xylene
Concen: 0.107 ppbv m
RT: 13.67 min Scan# 3384
Delta R.T. -0.04 min
Lab File: VL035818.D
Acq: 4 Nov 2020 00:34

Instrument :
MSVOA_L
ClientSampled :
SV2

Tot Ion: 91 Resp: 51264
Ion Ratio Lower Upper
91 100
106 49.0 24.8 74.4

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.141 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.04 min
Lab File: VL035818.D
Acq: 4 Nov 2020 00:34

Tgt Ion: 95 Resp: 3448700
Ion Ratio Lower Upper
95 100
174 77.2 59.8 89.6
175 5.6 4.3 6.5

