

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035878.D
 Acq On : 6 Nov 2020 3:06
 Operator : SY/AP
 Sample : L4618-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:48:14 AM

Quant Time: Nov 08 18:47:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 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	5.65	49	1027611	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3773460	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3484916	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2450482	9.90	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds					Ovalue
9) Propene	3.00	41	108389m	2.406	ppbv
15) Acetone	3.83	43	1900148	17.296	ppbv 98
53) Toluene	9.78	91	1172975	3.465	ppbv 98
59) m/p-Xylene	12.95	91	54829m	0.153	ppbv

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

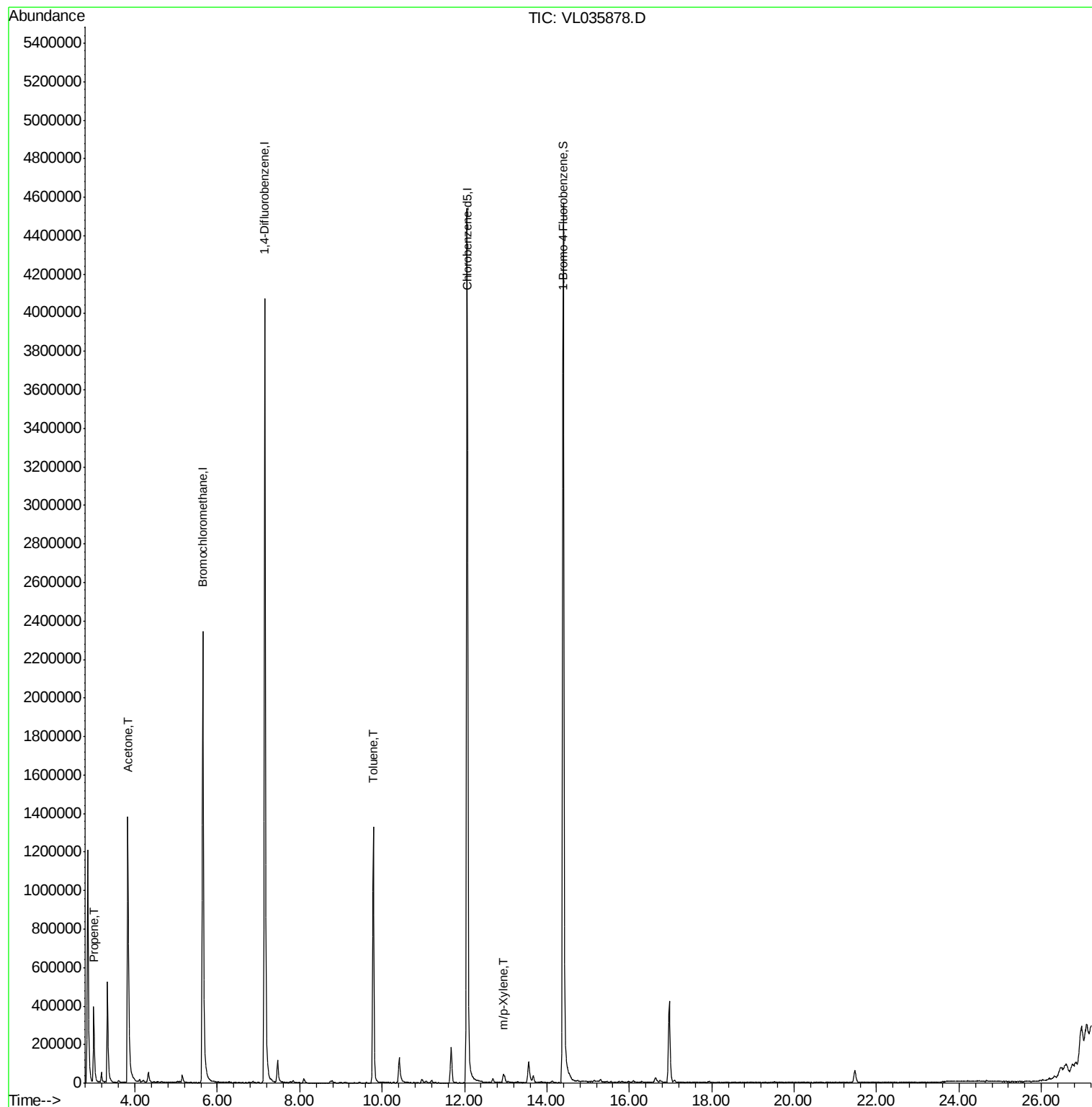
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110520\
Data File : VL035878.D
Acq On : 6 Nov 2020 3:06
Operator : SY/AP
Sample : L4618-03DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

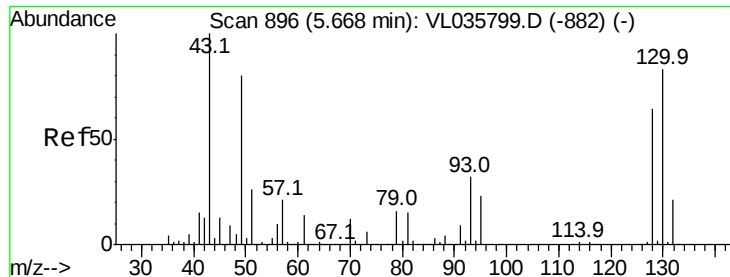
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

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11/9/2020 10:48:14 AM

Quant Time: Nov 08 18:47:26 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: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035878.D

Acq: 6 Nov 2020 3:06

Instrument :

MSVOA_L

ClientSampled :

IA-2DL

Tot Ion: 49 Resp: 1027611

Ion Ratio Lower Upper

49 100

128 79.1 41.5 124.6

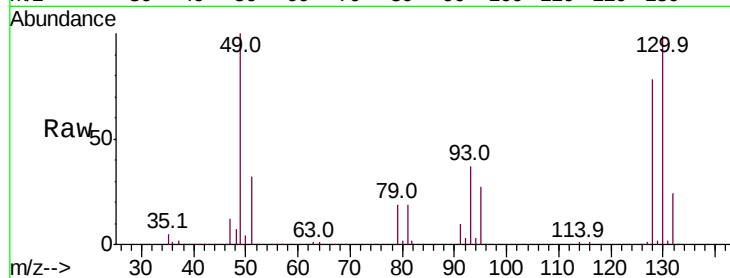
130 101.9 53.7 161.1

Manual Integrations

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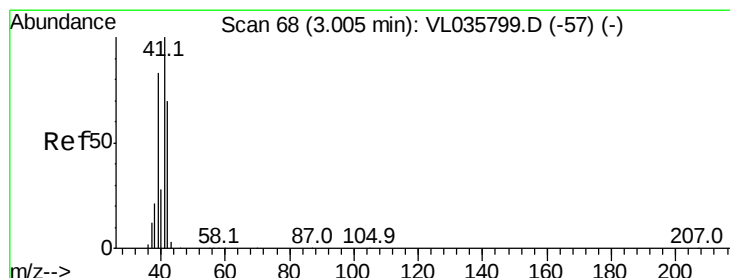
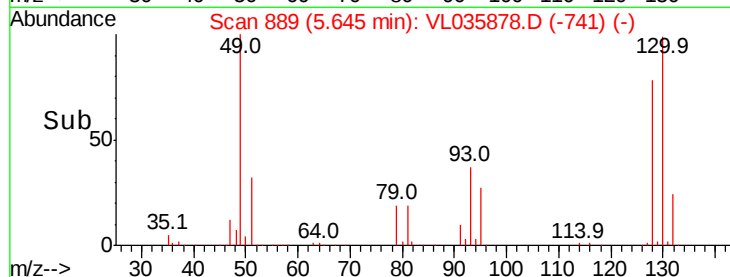
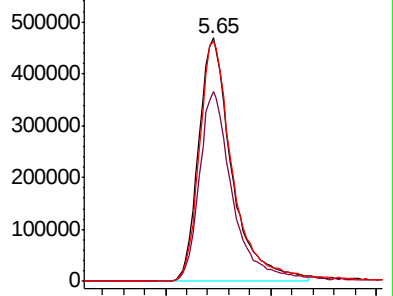
11/9/2020 10:48:14 AM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 2.406 ppbv m

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL035878.D

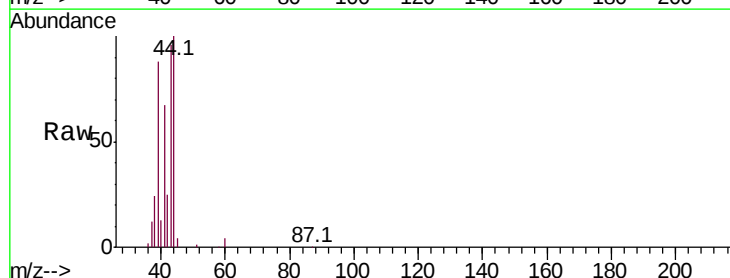
Acq: 6 Nov 2020 3:06

Tgt Ion: 41 Resp: 108389

Ion Ratio Lower Upper

41 100

42 11.0 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

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Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

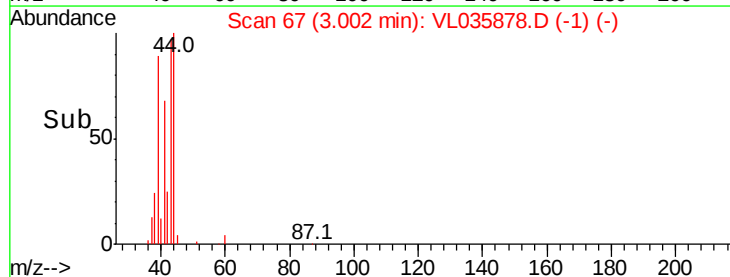
Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

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Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

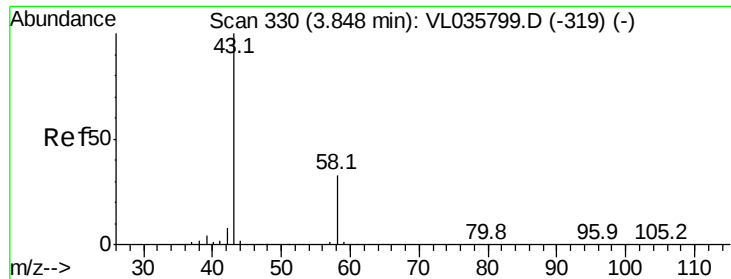
Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



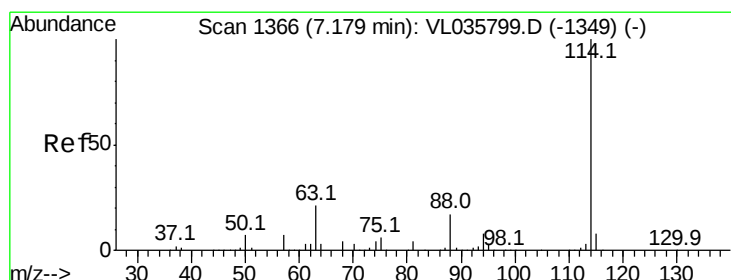
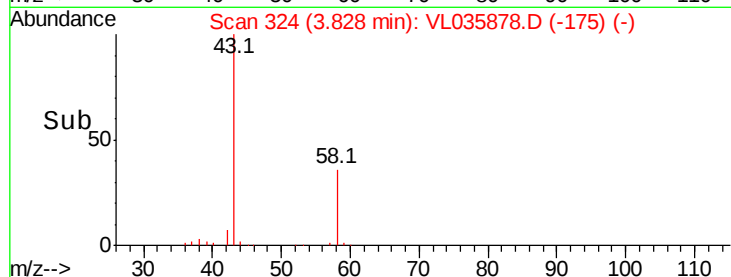
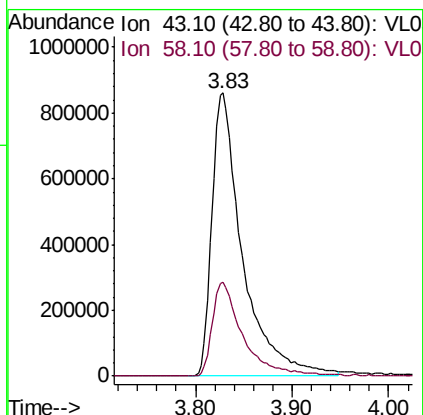
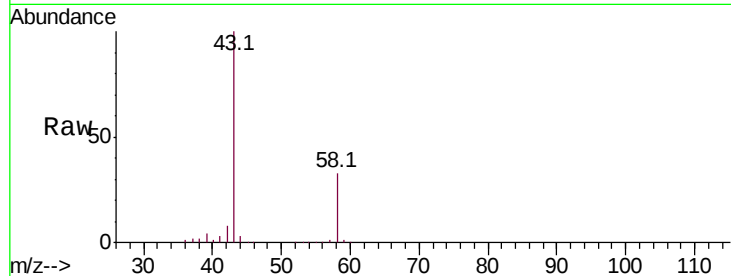
#15
Acetone
Concen: 17.296 ppbv
RT: 3.83 min Scan# 324
Delta R.T. -0.02 min
Lab File: VL035878.D
Acq: 6 Nov 2020 3:06

Instrument :
MSVOA_L
ClientSampled :
IA-2DL

Tot Ion: 43 Resp: 1900148
Ion Ratio Lower Upper
43 100
58 33.4 27.5 41.3

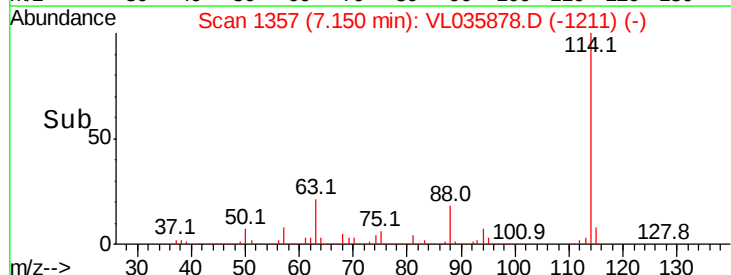
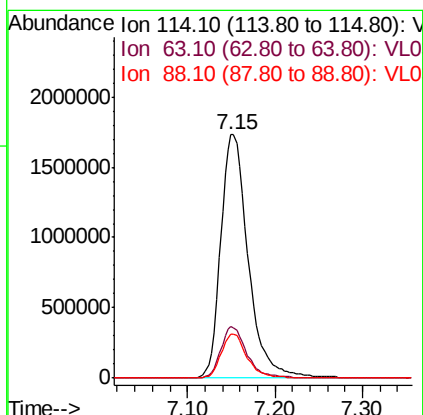
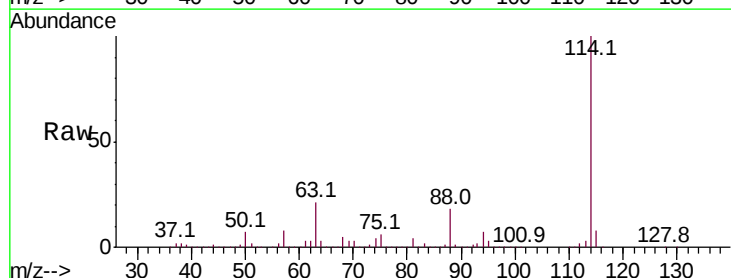
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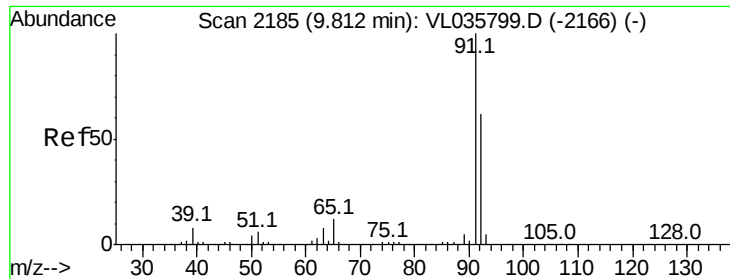
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035878.D
Acq: 6 Nov 2020 3:06

Tgt Ion: 114 Resp: 3773460
Ion Ratio Lower Upper
114 100
63 20.3 16.1 24.1
88 17.2 13.7 20.5





#53

Toluene

Concen: 3.465 ppbv

RT: 9.78 min Scan# 2176

Delta R.T. -0.03 min

Lab File: VL035878.D

Acq: 6 Nov 2020 3:06

Instrument :

MSVOA_L

ClientSampled :

IA-2DL

Tot Ion: 91 Resp: 1172975

Ion Ratio Lower Upper

91 100

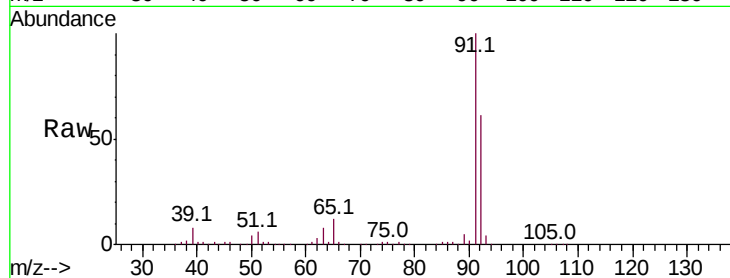
92 60.8 49.8 74.6

Manual Integrations

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

9.78

600000

500000

400000

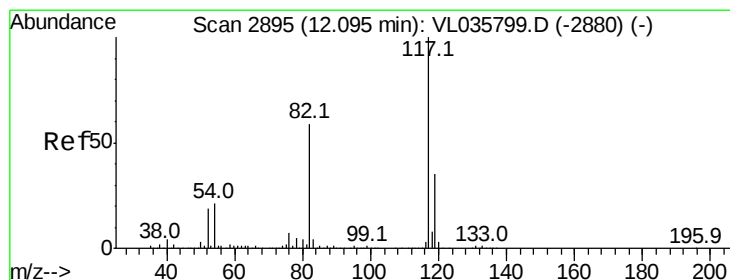
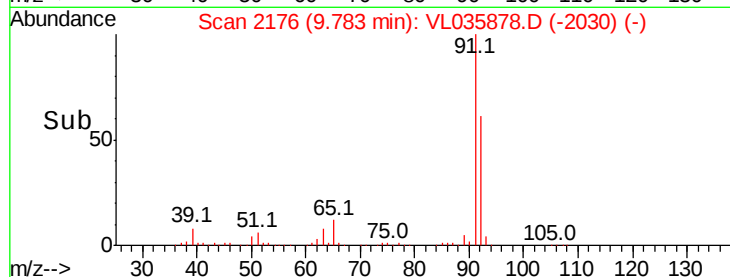
300000

200000

100000

0

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.03 min

Lab File: VL035878.D

Acq: 6 Nov 2020 3:06

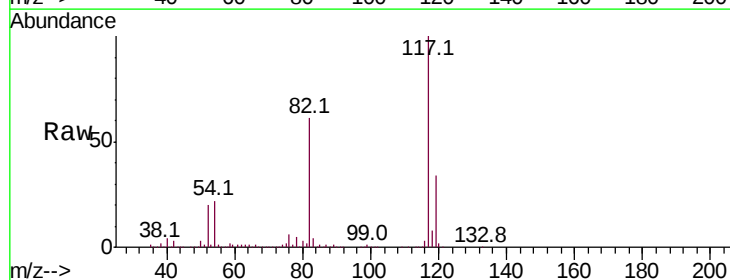
Tgt Ion: 117 Resp: 3484916

Ion Ratio Lower Upper

117 100

82 59.9 50.6 76.0

119 33.8 52.6 78.8#



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

2000000

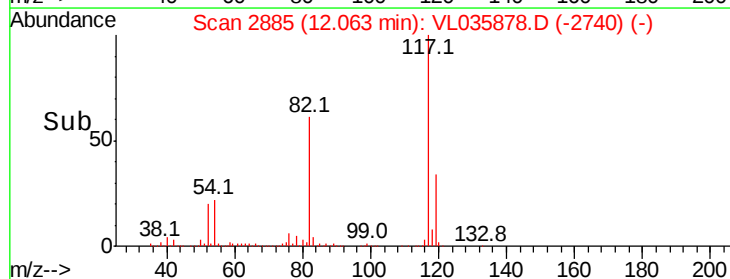
1500000

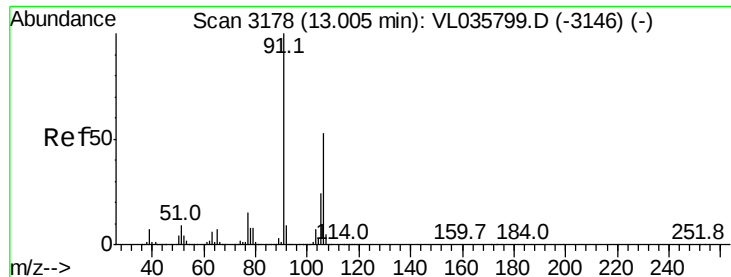
1000000

500000

0

Time-->





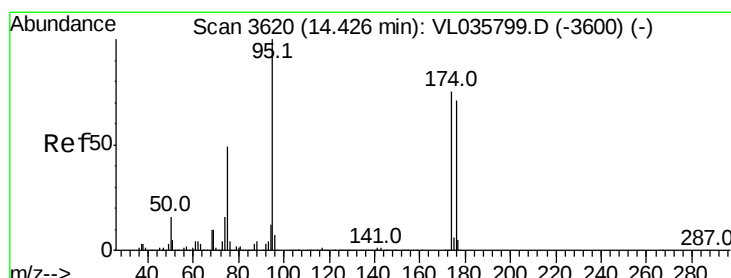
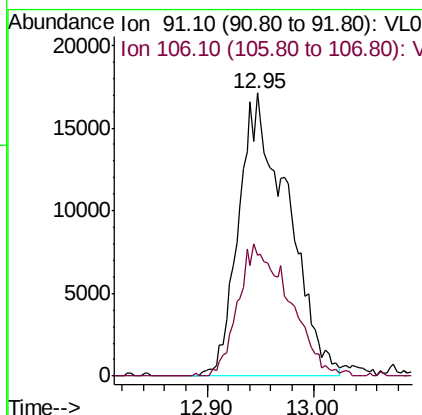
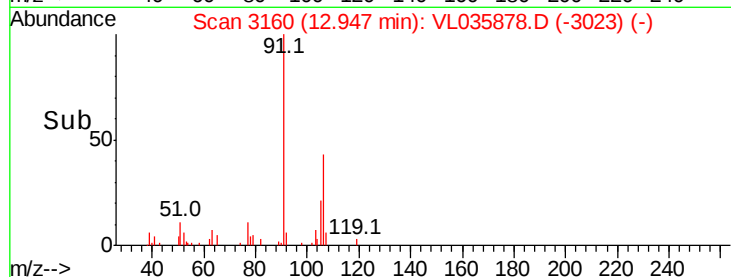
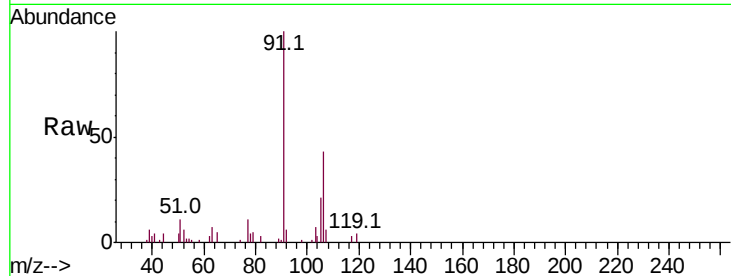
#59
m/p-Xylene
Concen: 0.153 ppbv m
RT: 12.95 min Scan# 3160
Delta R.T. -0.06 min
Lab File: VL035878.D
Acq: 6 Nov 2020 3:06

Instrument :
MSVOA_L
ClientSampled :
IA-2DL

Tot Ion: 91 Resp: 54829
Ion Ratio Lower Upper
91 100
106 0.0 39.5 59.3#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.897 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL035878.D
Acq: 6 Nov 2020 3:06

Tgt Ion: 95 Resp: 2450482
Ion Ratio Lower Upper
95 100
174 75.6 59.8 89.6
175 5.4 4.3 6.5

