

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100121\
 Data File : VL037747.D
 Acq On : 1 Oct 2021 18:40
 Operator : SY/AP
 Sample : M4012-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P21DL

Manual Integrations
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Quant Time: Oct 02 19:47:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1526075	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4309187	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3661000	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2594525	9.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	49341m	0.486	ppbv	
13) Ethanol	3.59	45	7339424	738.982	ppbv	91
15) Acetone	3.84	43	1478162	9.323	ppbv	96
19) Isopropyl Alcohol	3.96	45	1302390	15.096	ppbv #	96
20) Methylene Chloride	4.33	84	62100m	0.820	ppbv	
29) Chloroform	5.74	83	36423m	0.137	ppbv	
52) Tetrachloroethene	11.20	164	8322m	0.060	ppbv	
53) Toluene	9.78	91	83214	0.208	ppbv	98
59) m/p-Xylene	12.94	91	42256m	0.100	ppbv	

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

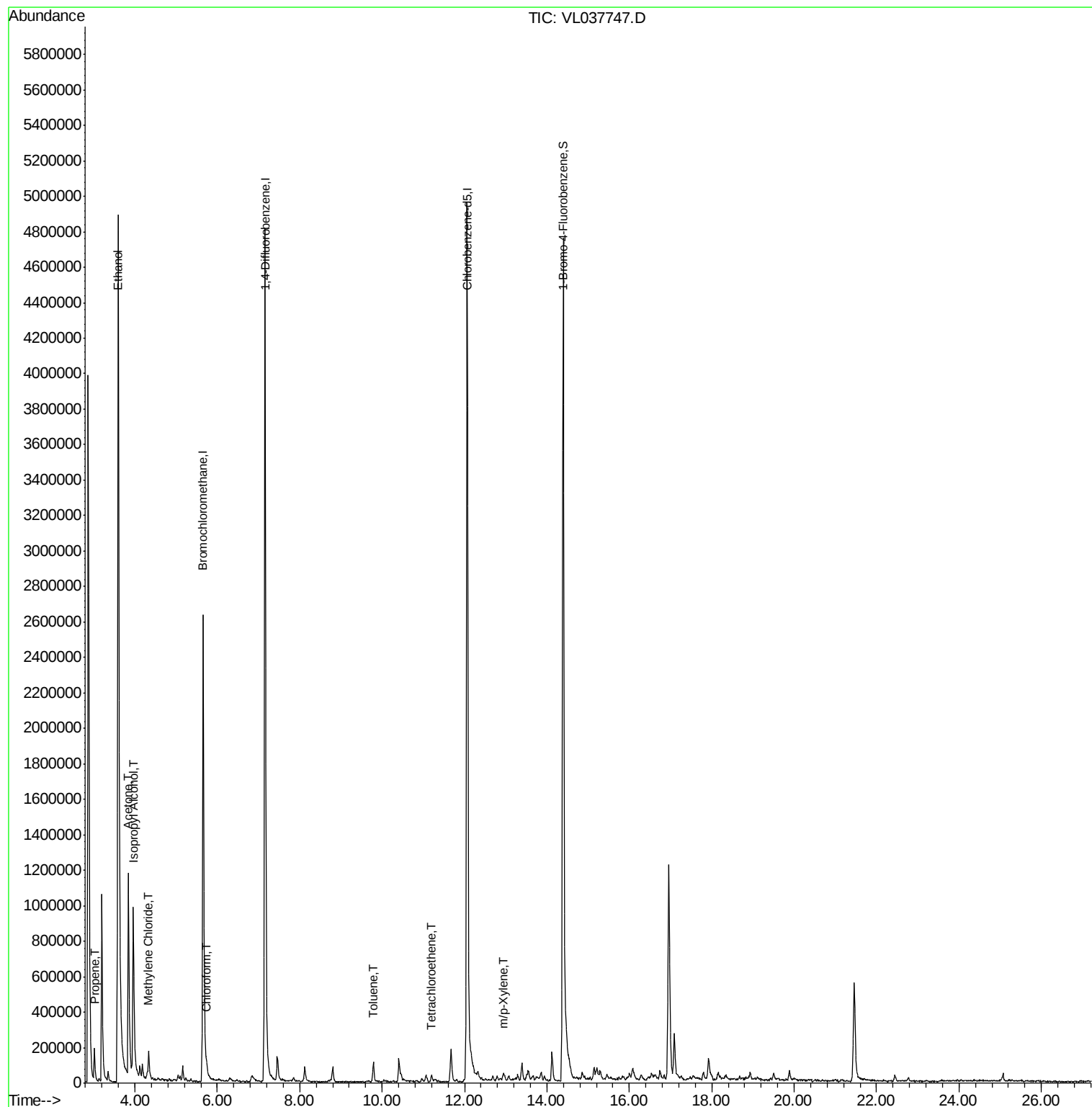
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Data File : VL037747.D
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Operator : SY/AP
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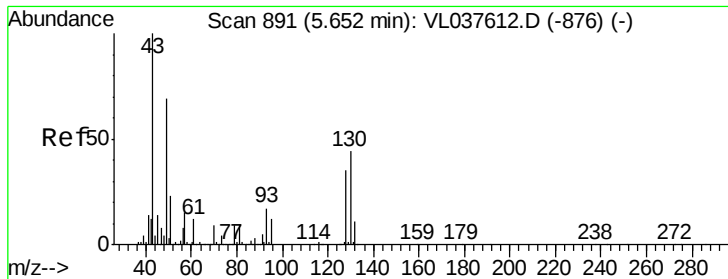
Instrument :
MSVOA_L
ClientSampleId :
C0P21DL

Manual Integrations
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Quant Time: Oct 02 19:47:42 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

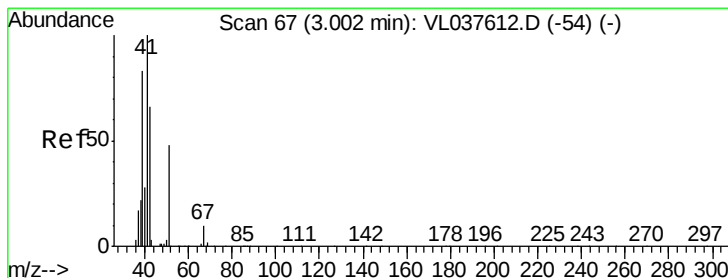
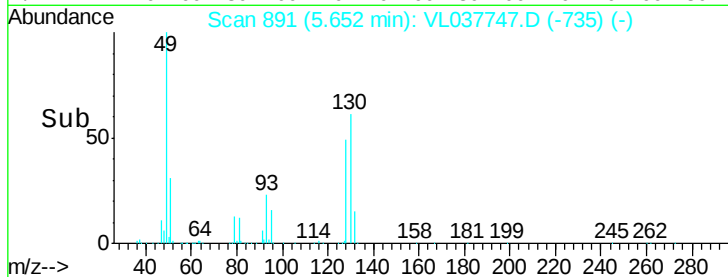
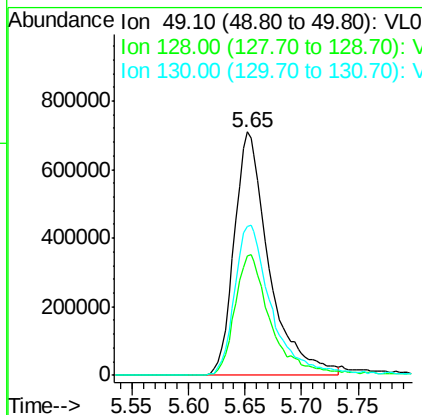
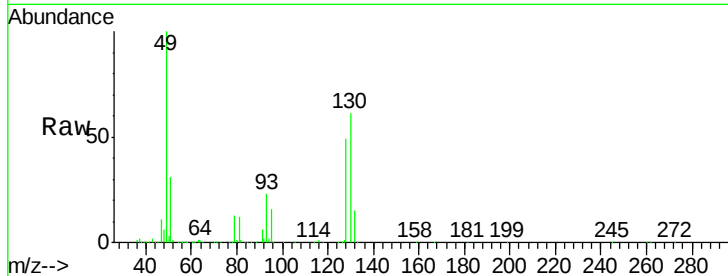
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: VL037747.D
 Acq: 1 Oct 2021 18:40

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P21DL

Tot Ion: 49 Resp: 1526075
 Ion Ratio Lower Upper
 49 100
 128 52.3 27.9 83.6
 130 66.6 33.9 101.7

Manual Integrations
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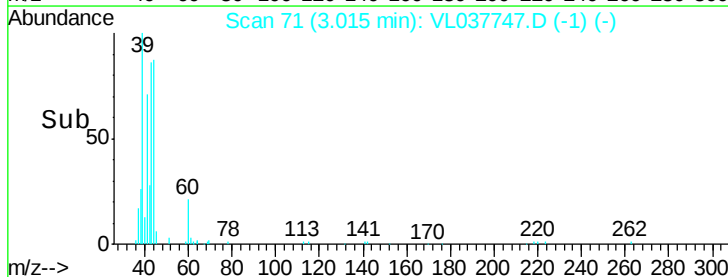
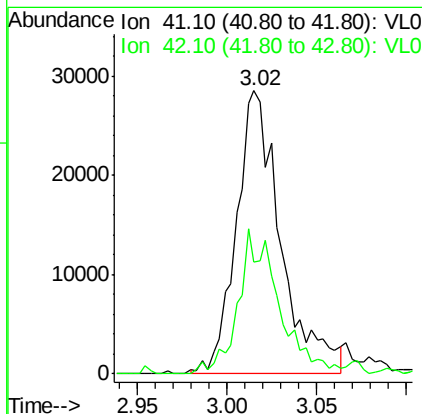
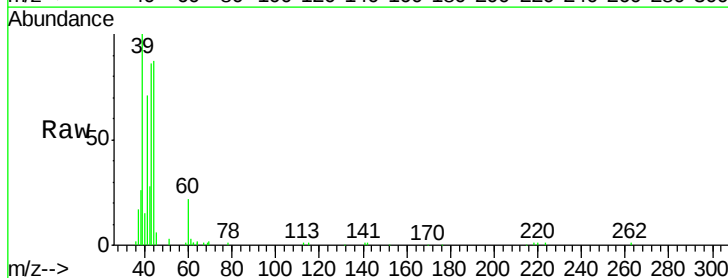
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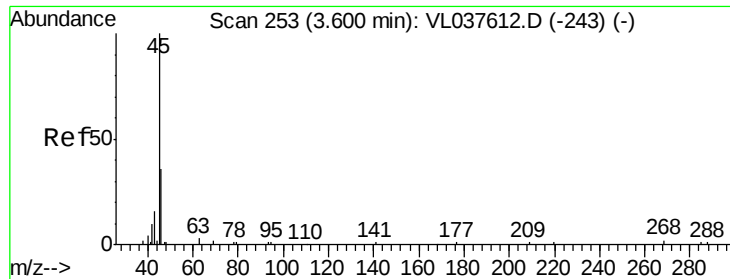


#9

Propene
 Concen: 0.486 ppbv m
 RT: 3.02 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: VL037747.D
 Acq: 1 Oct 2021 18:40

Tgt Ion: 41 Resp: 49341
 Ion Ratio Lower Upper
 41 100
 42 522.5 57.2 85.8#





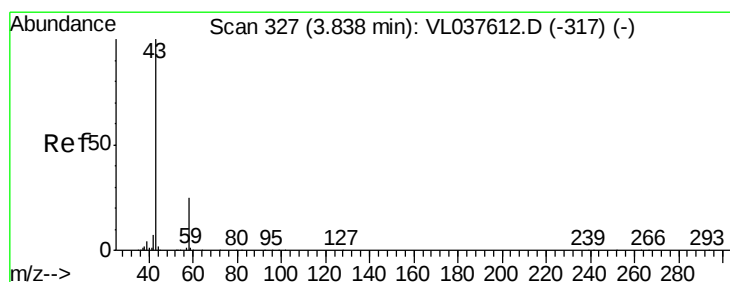
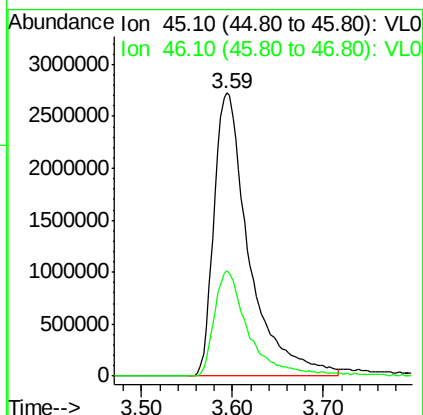
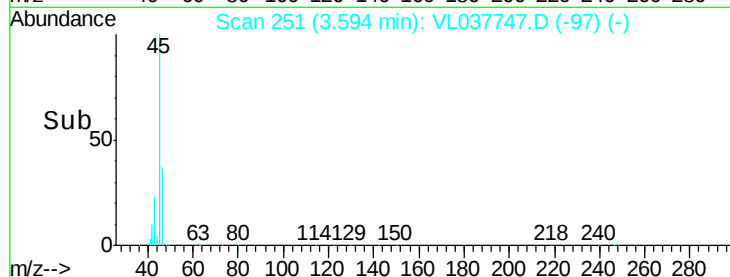
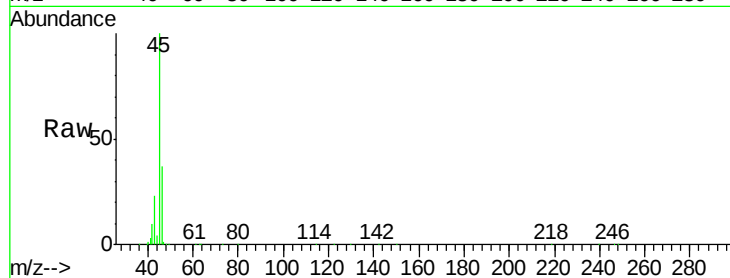
#13
Ethanol
Concen: 738.982 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.01 min
Lab File: VL037747.D
Acq: 1 Oct 2021 18:40

Instrument :
MSVOA_L
ClientSampleId :
C0P21DL

Tot Ion: 45 Resp: 7339424
Ion Ratio Lower Upper
45 100
46 37.1 17.2 68.8

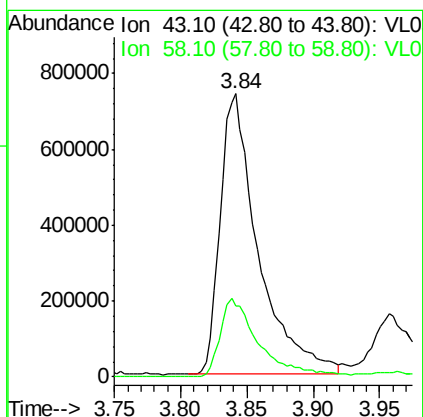
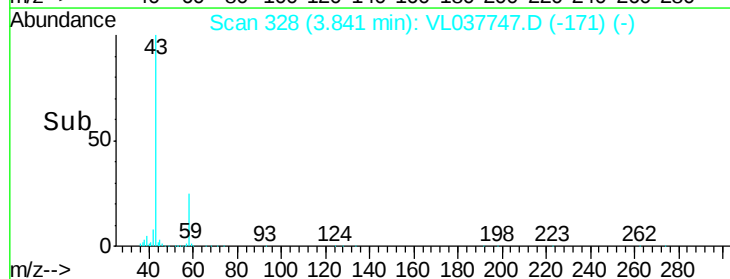
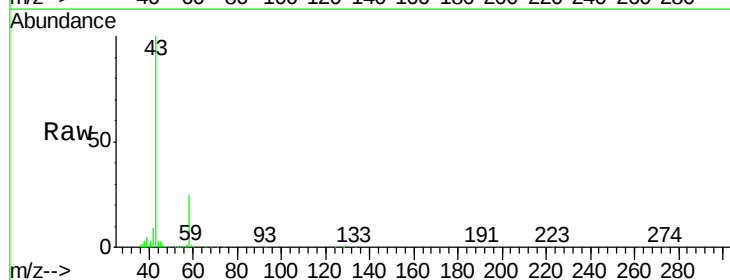
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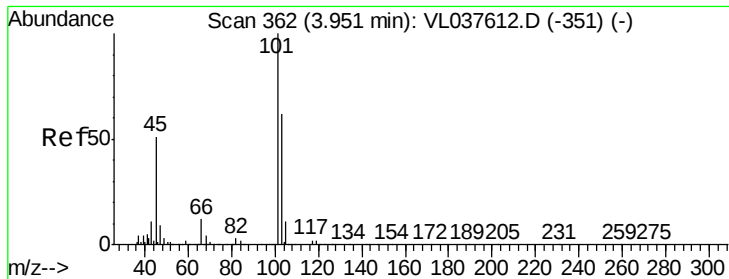
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#15
Acetone
Concen: 9.323 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.00 min
Lab File: VL037747.D
Acq: 1 Oct 2021 18:40

Tgt Ion: 43 Resp: 1478162
Ion Ratio Lower Upper
43 100
58 28.8 24.9 37.3





#19

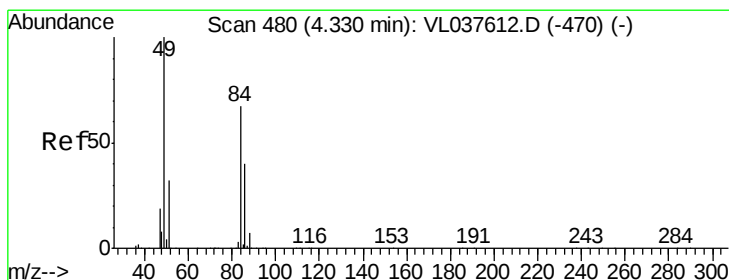
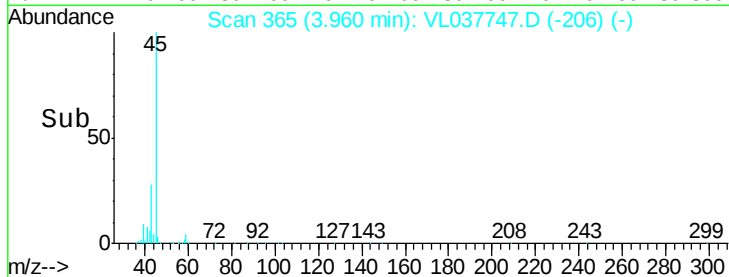
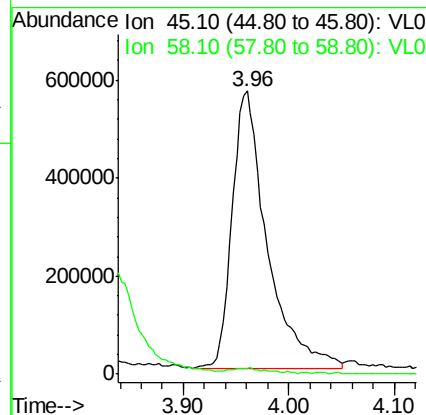
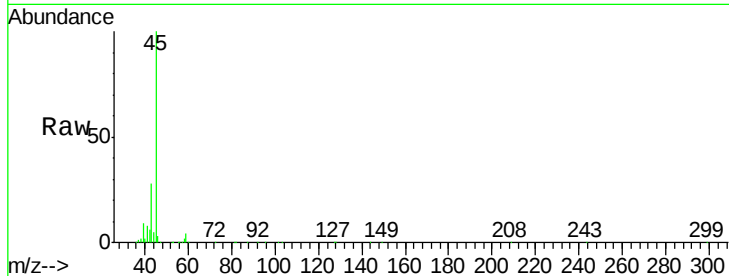
Isopropyl Alcohol
 Concen: 15.096 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VL037747.D
 Acq: 1 Oct 2021 18:40

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P21DL

Tot Ion: 45 Resp: 1302390
 Ion Ratio Lower Upper
 45 100
 58 2.4 2.9 4.3#

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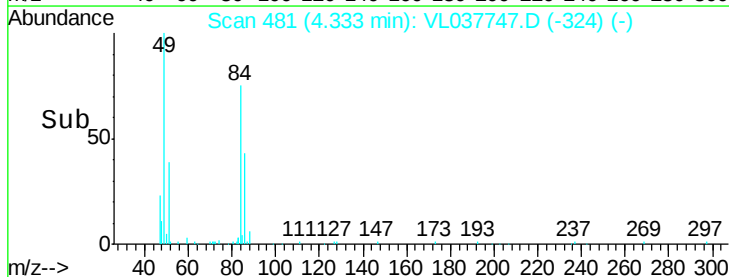
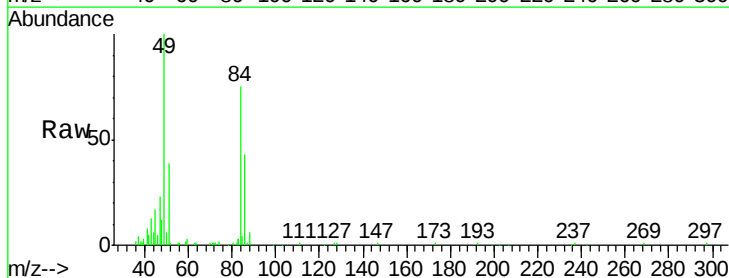
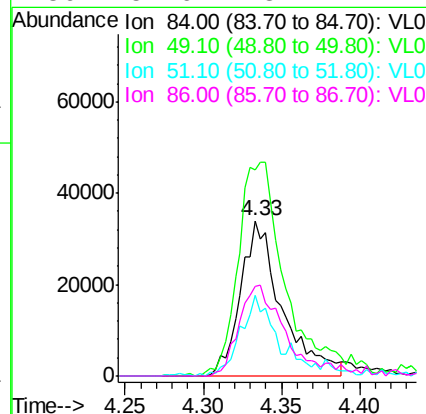
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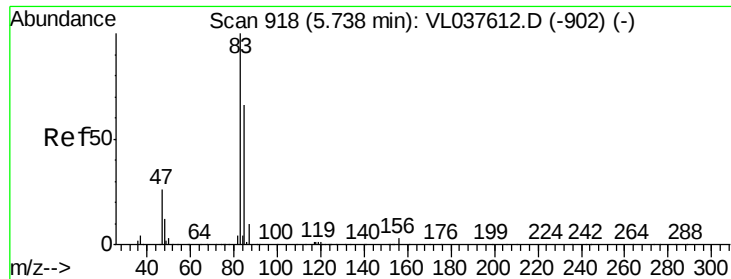


#20

Methylene Chloride
 Concen: 0.820 ppbv m
 RT: 4.33 min Scan# 481
 Delta R.T. 0.00 min
 Lab File: VL037747.D
 Acq: 1 Oct 2021 18:40

Tgt Ion: 84 Resp: 62100
 Ion Ratio Lower Upper
 84 100
 49 133.3 120.0 180.0
 51 51.9 38.0 57.0
 86 57.6 48.2 72.2





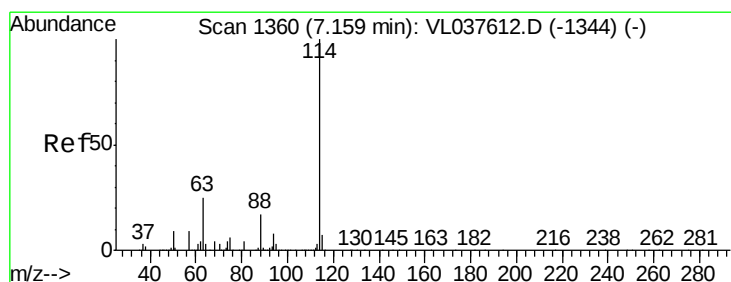
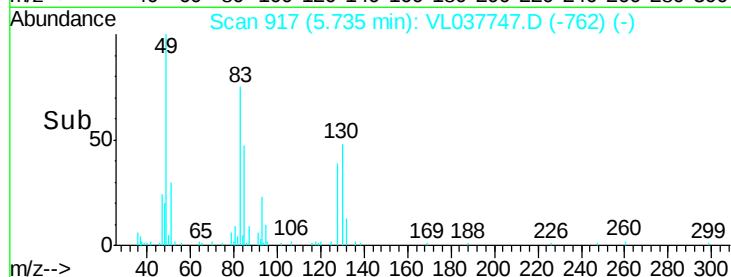
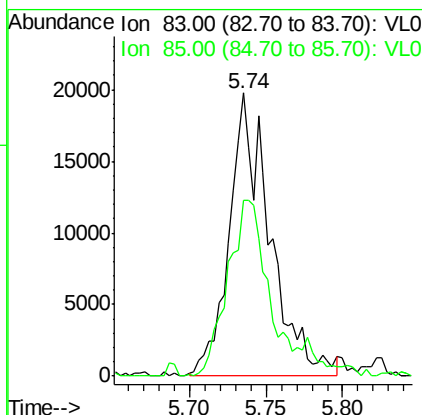
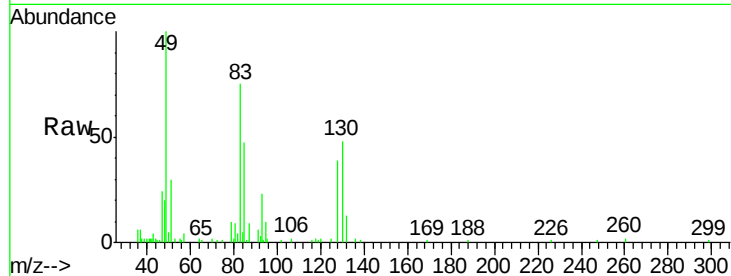
#29
Chloroform
Concen: 0.137 ppbv m
RT: 5.74 min Scan# 917
Delta R.T. -0.00 min
Lab File: VL037747.D
Acq: 1 Oct 2021 18:40

Instrument :
MSVOA_L
ClientSampled :
C0P21DL

Tot Ion: 83 Resp: 36423
Ion Ratio Lower Upper
83 100
85 62.0 52.6 79.0

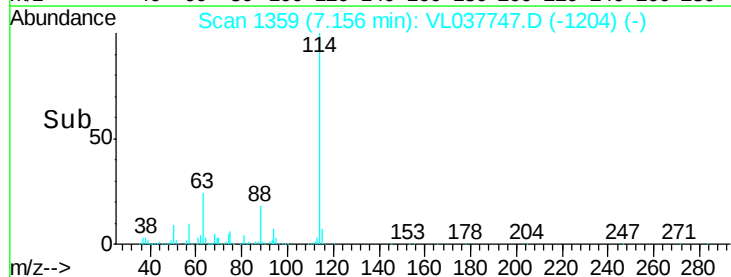
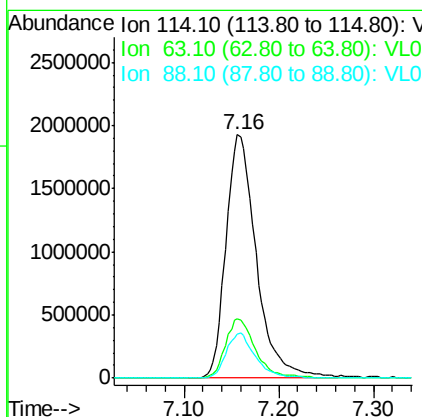
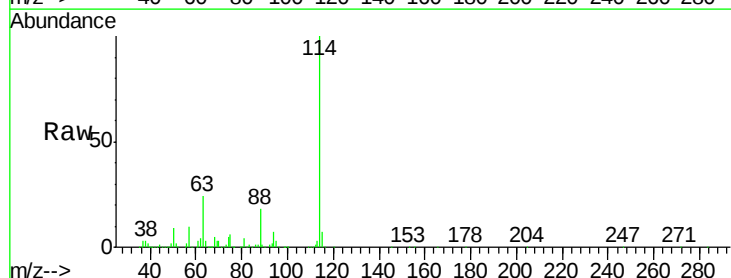
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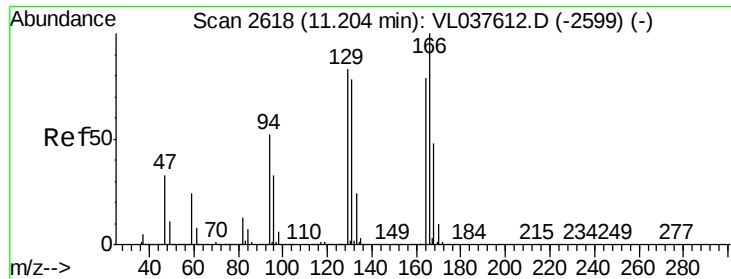
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL037747.D
Acq: 1 Oct 2021 18:40

Tgt Ion: 114 Resp: 4309187
Ion Ratio Lower Upper
114 100
63 24.4 19.6 29.4
88 18.0 14.2 21.4





#52

Tetrachloroethene

Concen: 0.060 ppbv m

RT: 11.20 min Scan# 2617

Delta R.T. -0.00 min

Lab File: VL037747.D

Acq: 1 Oct 2021 18:40

Instrument :

MSVOA_L

ClientSampleId :

C0P21DL

Tot Ion:164 Resp: 8322

Ion Ratio Lower Upper

164 100

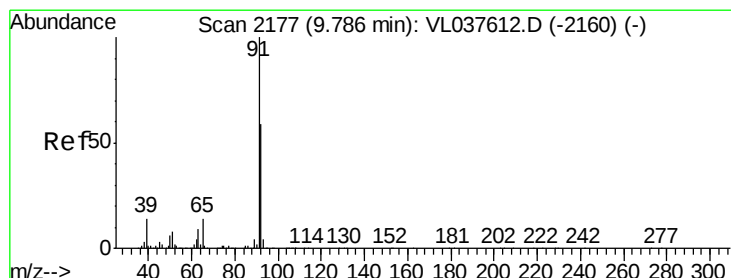
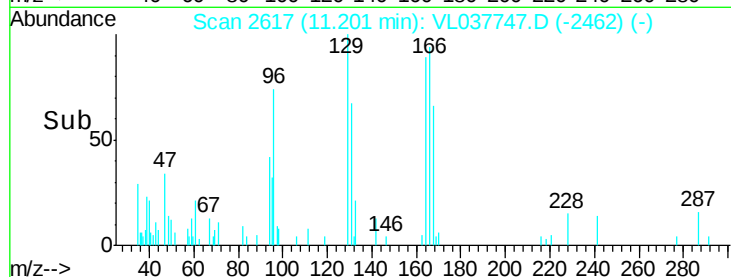
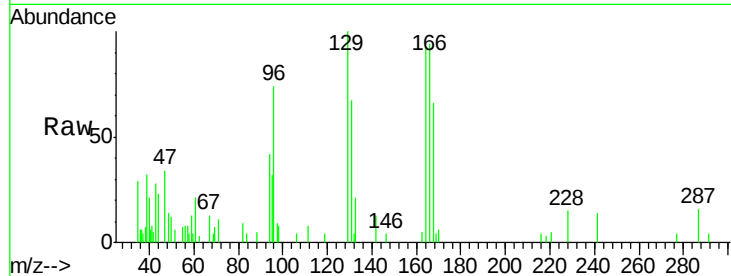
166 100.6 101.2 151.8#

129 107.5 84.0 126.0

131 72.3 78.8 118.2#

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#53

Toluene

Concen: 0.208 ppbv

RT: 9.78 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VL037747.D

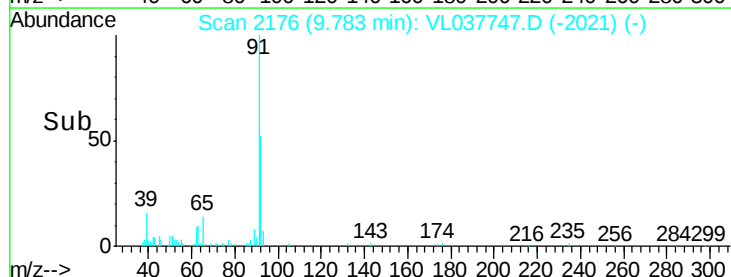
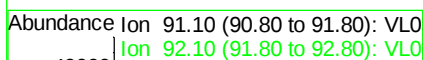
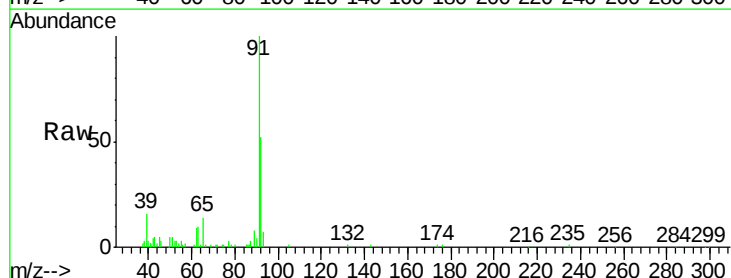
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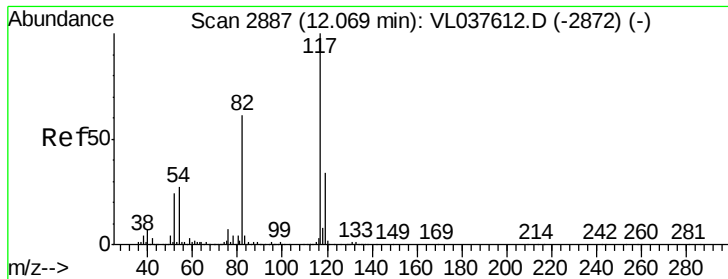
Tgt Ion: 91 Resp: 83214

Ion Ratio Lower Upper

91 100

92 62.3 48.9 73.3





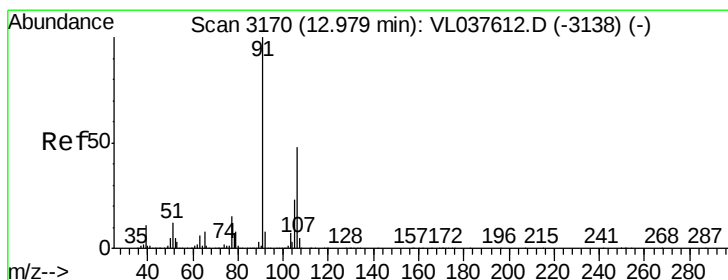
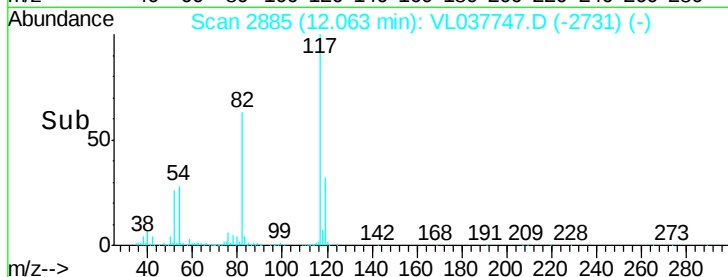
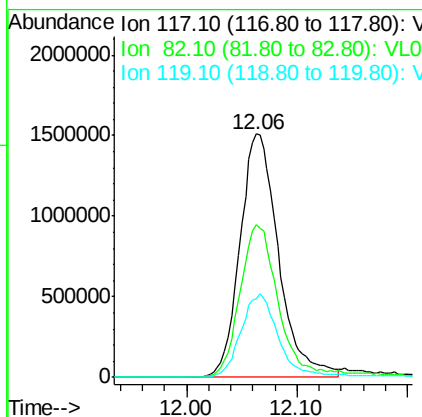
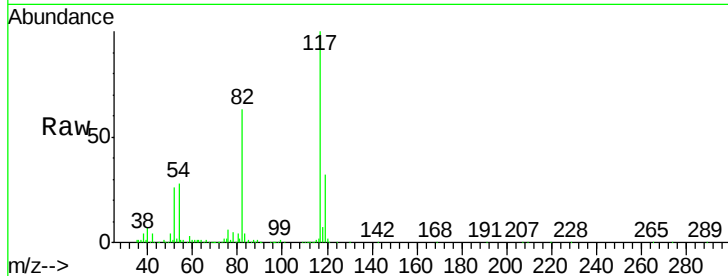
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Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VL037747.D
Acq: 1 Oct 2021 18:40

Instrument :
MSVOA_L
ClientSampleId :
C0P21DL

Tot Ion:117 Resp: 3661000
Ion Ratio Lower Upper
117 100
82 65.1 50.6 75.8
119 34.5 26.2 39.2

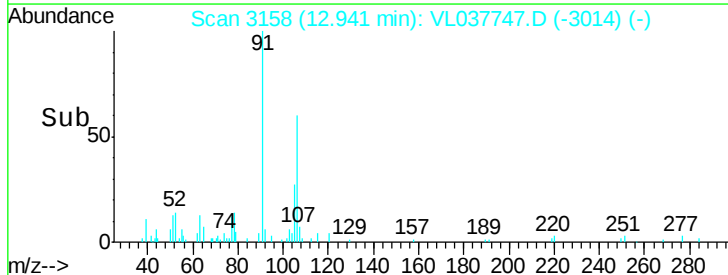
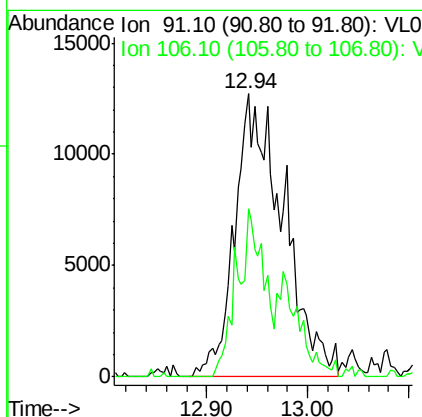
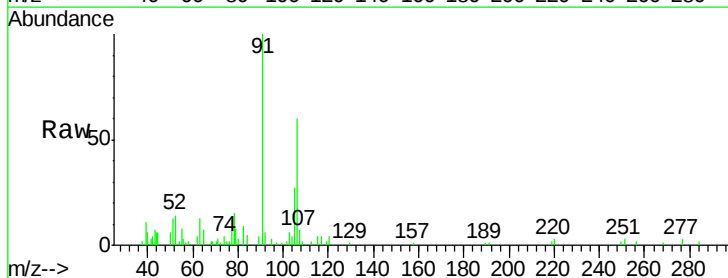
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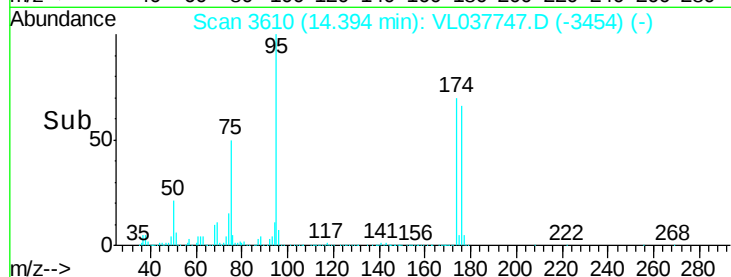
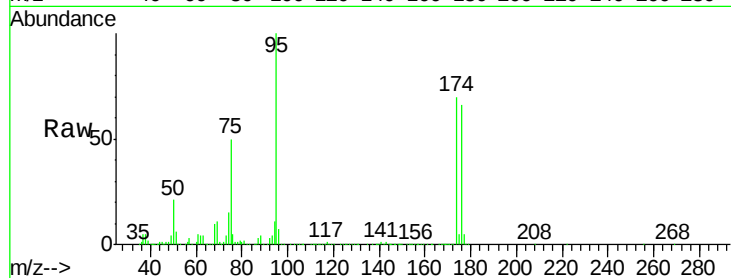
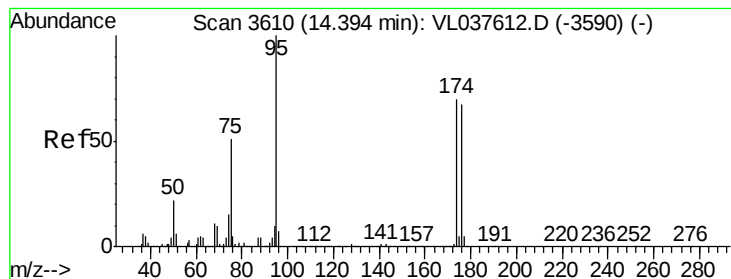
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#59
m/p-Xylene
Concen: 0.100 ppbv m
RT: 12.94 min Scan# 3158
Delta R.T. -0.04 min
Lab File: VL037747.D
Acq: 1 Oct 2021 18:40

Tgt Ion: 91 Resp: 42256
Ion Ratio Lower Upper
91 100
106 0.0 36.6 55.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.806 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. 0.00 min

Lab File: VL037747.D

Acq: 1 Oct 2021 18:40

Tot Ion: 95 Resp: 2594525

Ion Ratio Lower Upper

95 100

174 75.0 56.3 84.5

175 5.6 4.4 6.6

Instrument :

MSVOA_L

ClientSampleId :

C0P21DL

Manual Integrations

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