

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100121\
 Data File : VL037745.D
 Acq On : 1 Oct 2021 17:24
 Operator : SY/AP
 Sample : M4012-02DUP 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P22DUP

Manual Integrations
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Quant Time: Oct 02 19:44:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1565873	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4315340	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3725658	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2693739	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds					Ovalue
9) Propene	3.01	41	49128m	0.472	ppbv
13) Ethanol	3.60	45	8782188	861.775	ppbv 92
15) Acetone	3.84	43	3384919	20.806	ppbv 94
19) Isopropyl Alcohol	3.96	45	1892479	21.379	ppbv 98
20) Methylene Chloride	4.33	84	120703	1.554	ppbv 92
53) Toluene	9.79	91	111918	0.280	ppbv 98
59) m/p-Xylene	12.95	91	70817m	0.164	ppbv

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

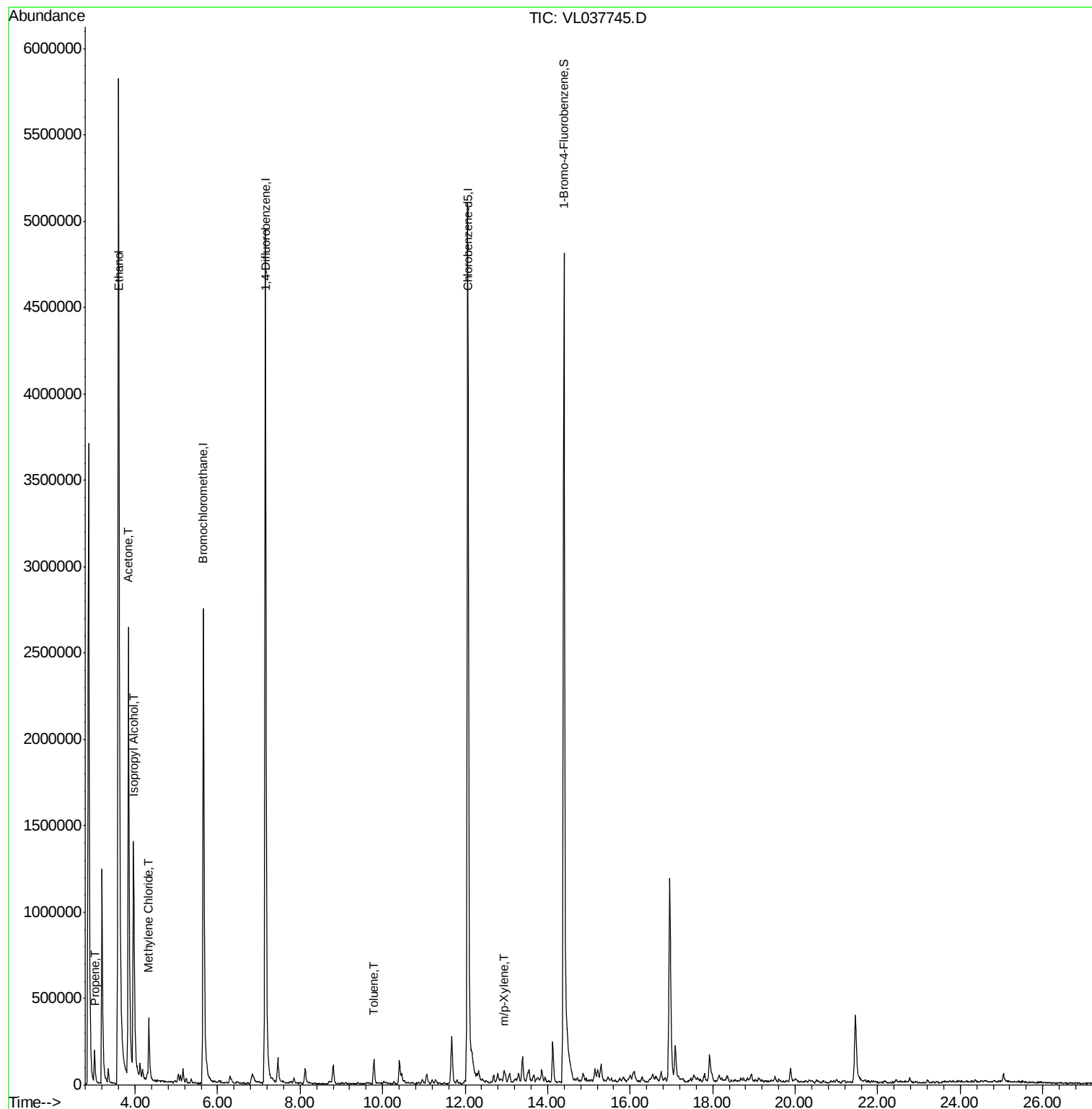
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL100121\
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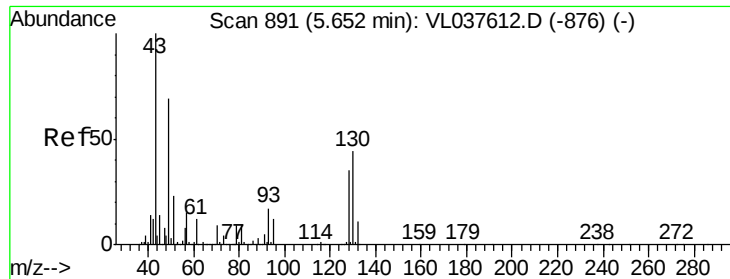
Instrument :
MSVOA_L
ClientSampleId :
C0P22DUP

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Quant Time: Oct 02 19:44:53 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: VL037745.D

Acq: 1 Oct 2021 17:24

Instrument :

MSVOA_L

ClientSampleId :

C0P22DUP

Tot Ion: 49 Resp: 1565873

Ion Ratio Lower Upper

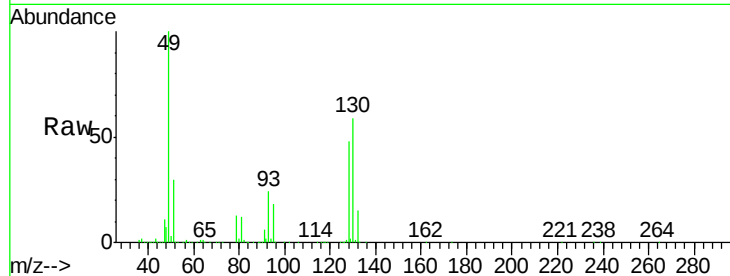
49 100

128 51.6 27.9 83.6

130 66.0 33.9 101.7

Manual Integrations
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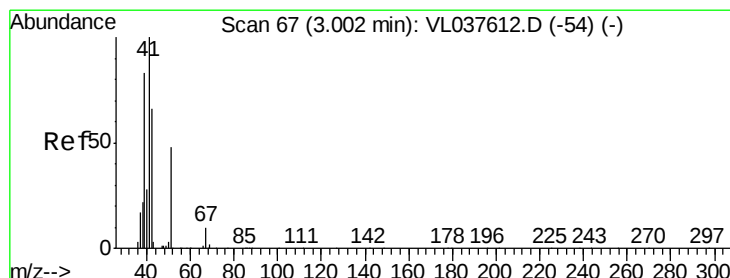
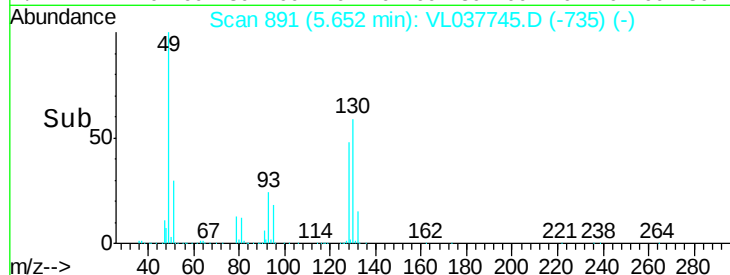
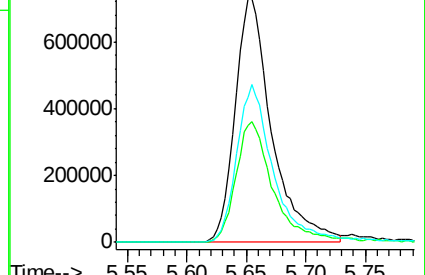
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.472 ppbv m

RT: 3.01 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL037745.D

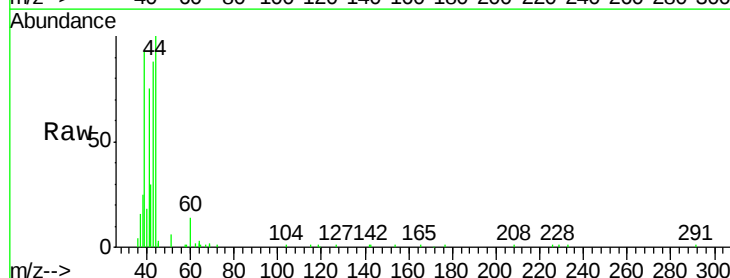
Acq: 1 Oct 2021 17:24

Tgt Ion: 41 Resp: 49128

Ion Ratio Lower Upper

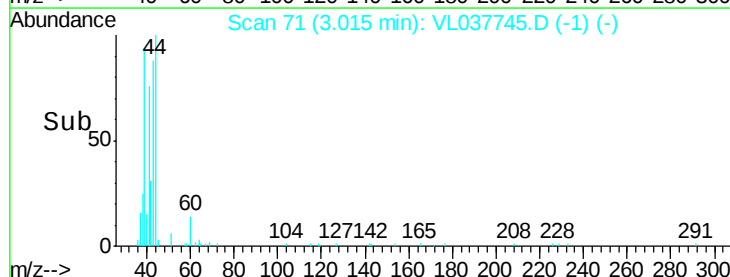
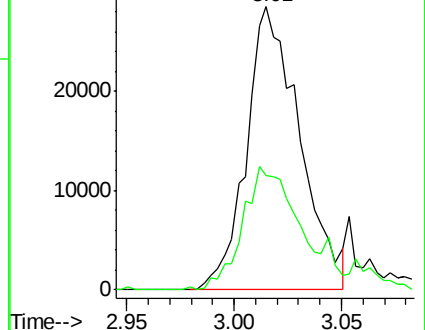
41 100

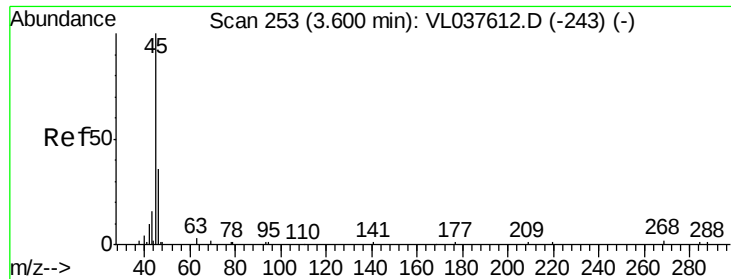
42 590.4 57.2 85.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





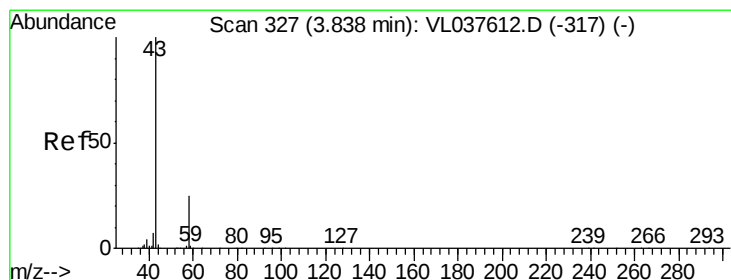
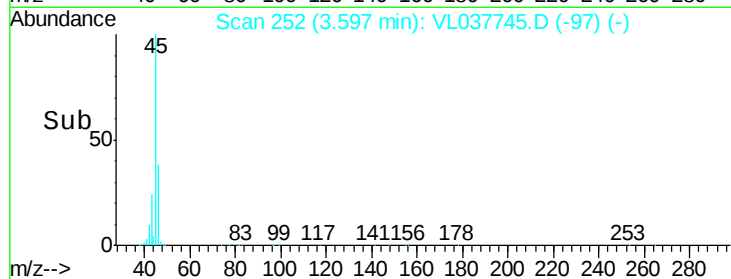
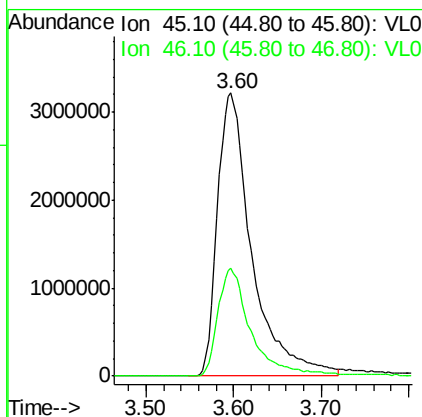
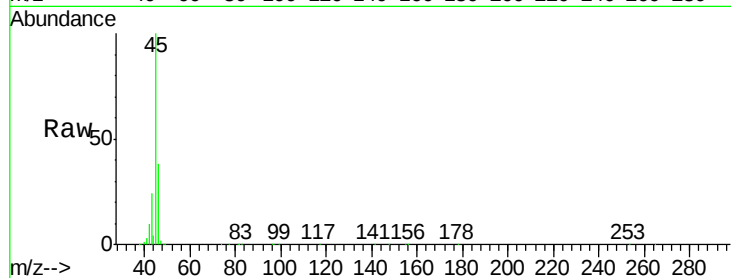
#13
Ethanol
Concen: 861.775 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.00 min
Lab File: VL037745.D
Acq: 1 Oct 2021 17:24

Instrument :
MSVOA_L
ClientSampleId :
C0P22DUP

Tot Ion: 45 Resp: 8782188
Ion Ratio Lower Upper
45 100
46 37.8 17.2 68.8

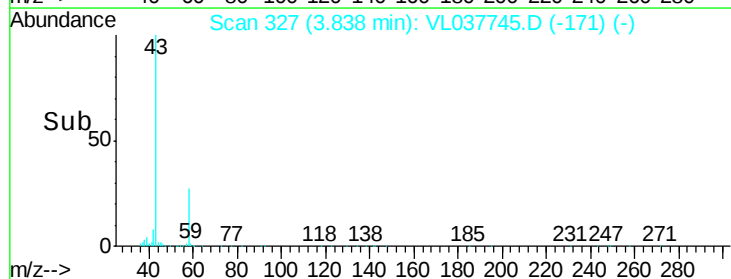
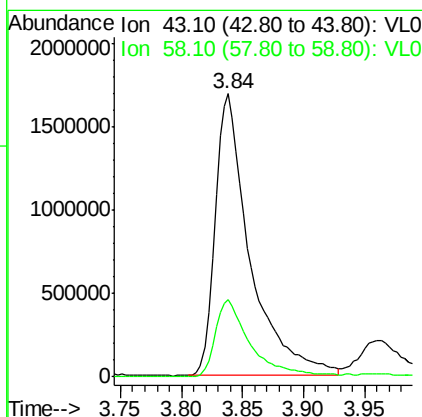
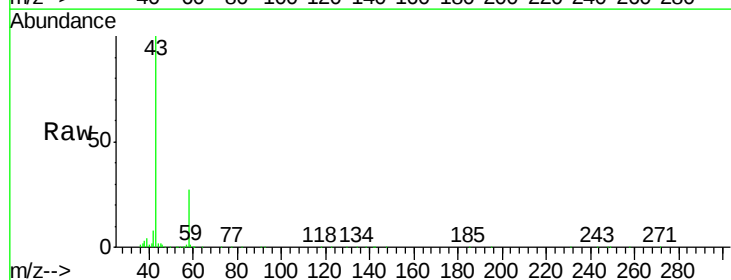
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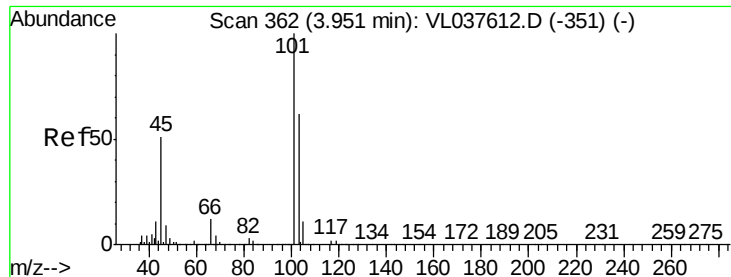
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#15
Acetone
Concen: 20.806 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.00 min
Lab File: VL037745.D
Acq: 1 Oct 2021 17:24

Tgt Ion: 43 Resp: 3384919
Ion Ratio Lower Upper
43 100
58 28.0 24.9 37.3





#19

Isopropyl Alcohol

Concen: 21.379 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VL037745.D

Acq: 1 Oct 2021 17:24

Instrument :

MSVOA_L

ClientSampleId :

C0P22DUP

Tot Ion: 45 Resp: 1892479

Ion Ratio Lower Upper

45 100

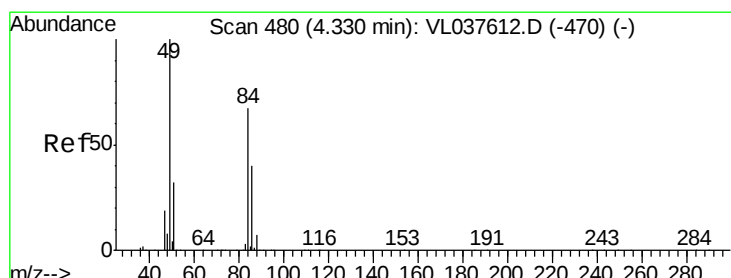
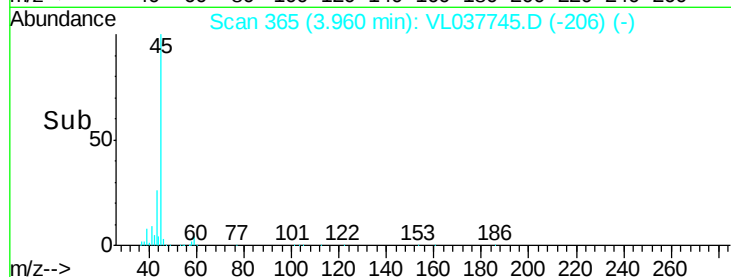
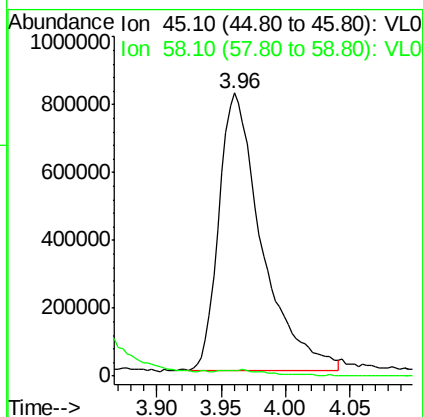
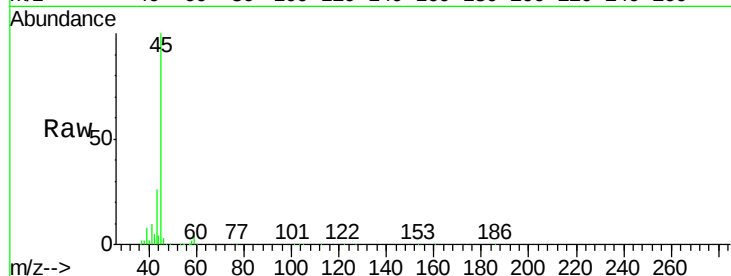
58 3.0 2.9 4.3

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#20

Methylene Chloride

Concen: 1.554 ppbv

RT: 4.33 min Scan# 481

Delta R.T. 0.00 min

Lab File: VL037745.D

Acq: 1 Oct 2021 17:24

Tgt Ion: 84 Resp: 120703

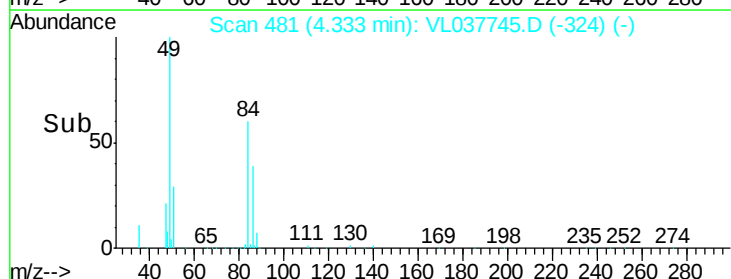
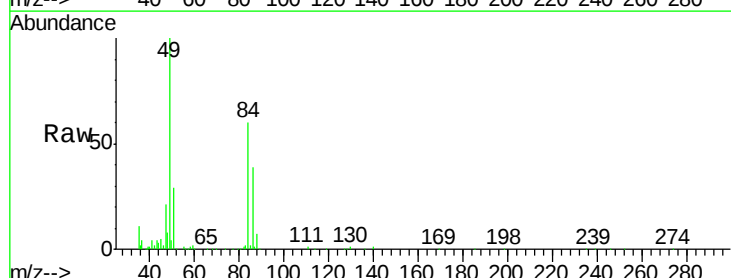
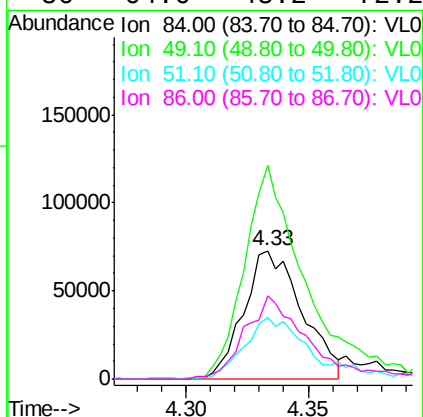
Ion Ratio Lower Upper

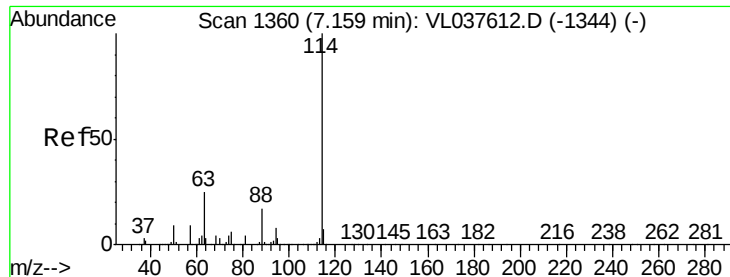
84 100

49 165.1 120.0 180.0

51 47.5 38.0 57.0

86 64.6 48.2 72.2





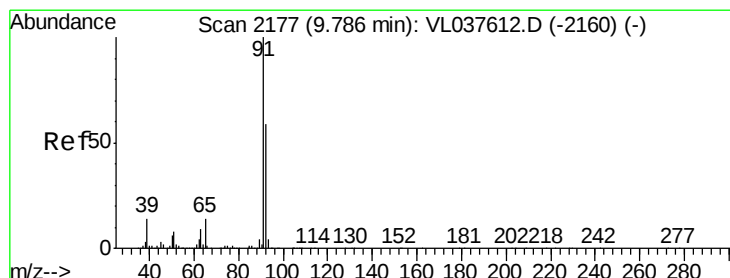
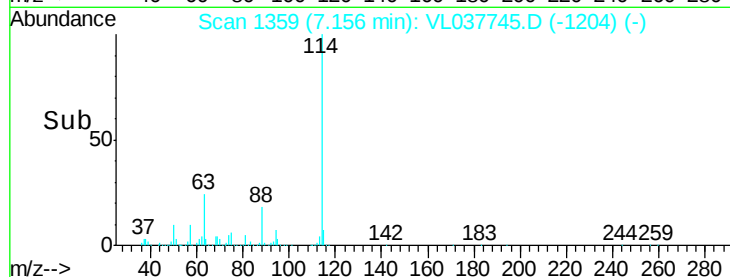
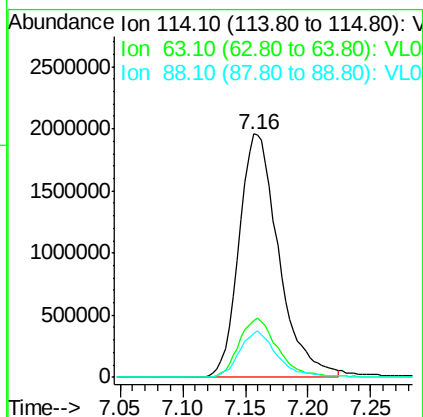
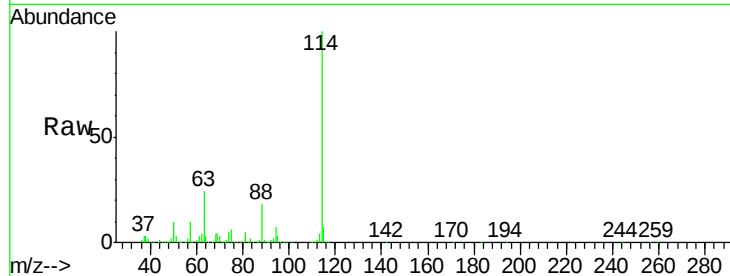
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VL037745.D
 Acq: 1 Oct 2021 17:24

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P22DUP

Tot Ion:114 Resp: 4315340
 Ion Ratio Lower Upper
 114 100
 63 24.3 19.6 29.4
 88 18.3 14.2 21.4

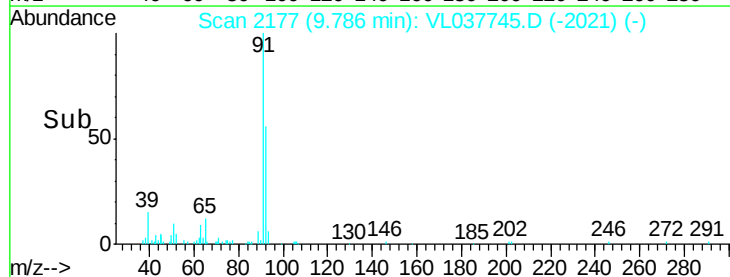
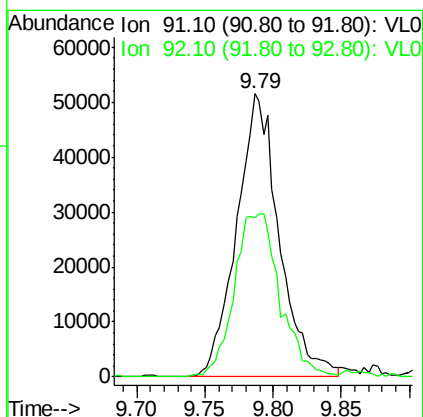
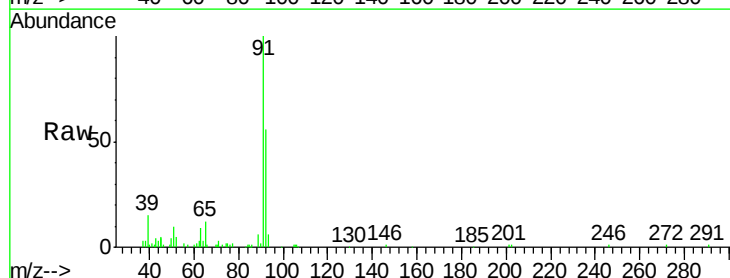
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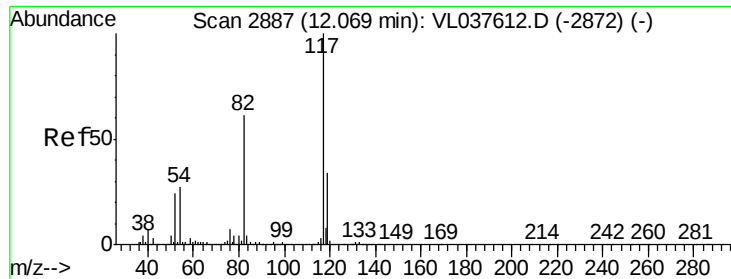
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#53
 Toluene
 Concen: 0.280 ppbv
 RT: 9.79 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VL037745.D
 Acq: 1 Oct 2021 17:24

Tgt Ion: 91 Resp: 111918
 Ion Ratio Lower Upper
 91 100
 92 62.6 48.9 73.3





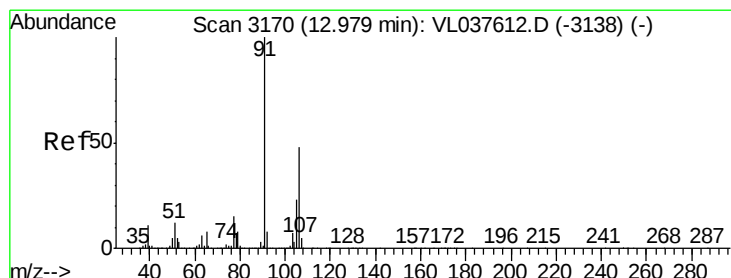
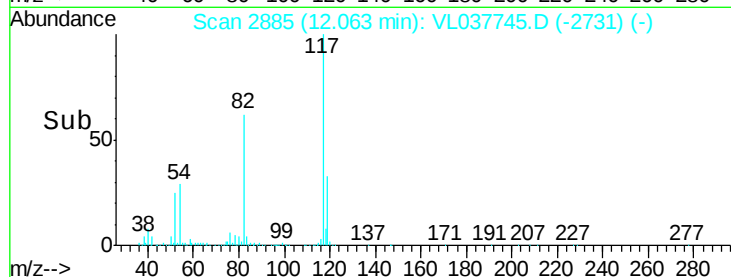
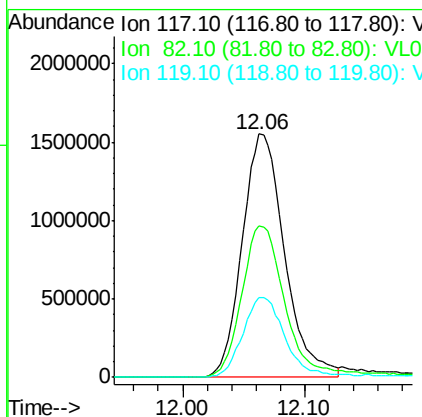
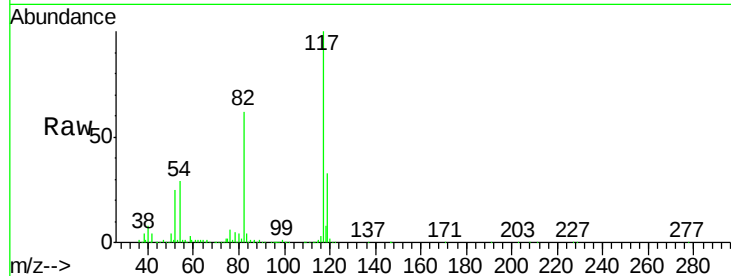
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VL037745.D
Acq: 1 Oct 2021 17:24

Instrument :
MSVOA_L
ClientSampleId :
C0P22DUP

Tot Ion:117 Resp: 3725658
Ion Ratio Lower Upper
117 100
82 65.8 50.6 75.8
119 34.6 26.2 39.2

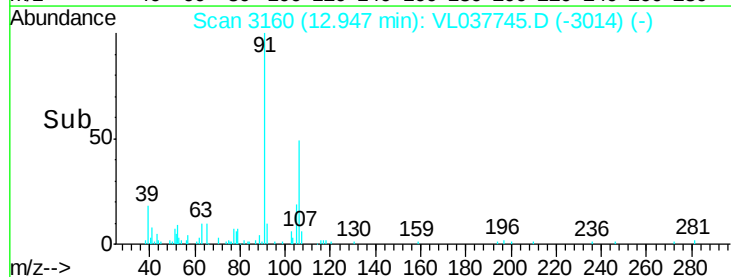
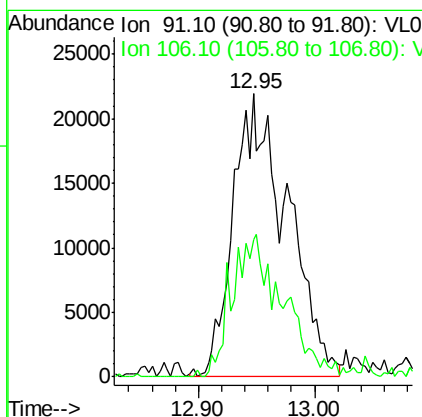
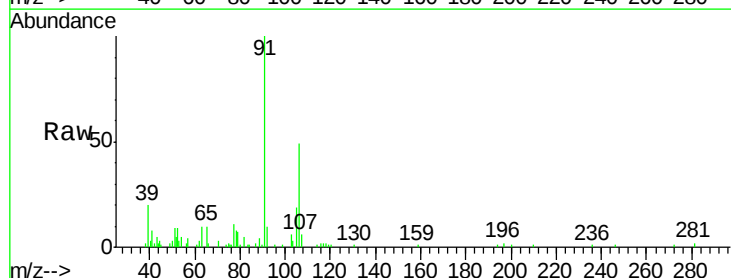
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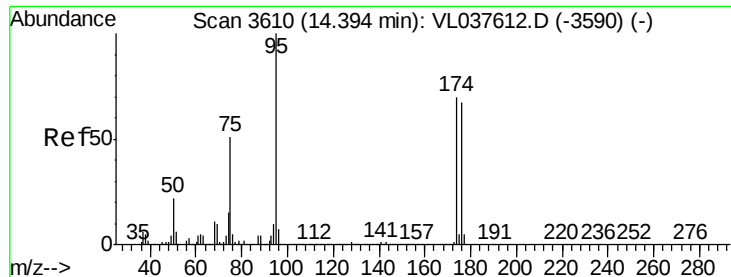
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#59
m/p-Xylene
Concen: 0.164 ppbv m
RT: 12.95 min Scan# 3160
Delta R.T. -0.03 min
Lab File: VL037745.D
Acq: 1 Oct 2021 17:24

Tgt Ion: 91 Resp: 70817
Ion Ratio Lower Upper
91 100
106 0.0 36.6 55.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.004 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VL037745.D
 Acq: 1 Oct 2021 17:24

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P22DUP

Tot Ion	Ratio	Lower	Upper
95	100		
174	73.1	56.3	84.5
175	5.2	4.4	6.6

Manual Integrations
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