

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037776.D
 Acq On : 5 Oct 2021 16:36
 Operator : SY/AP
 Sample : M4012-05DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P24DL

Manual Integrations
 APPROVED

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Quant Time: Oct 06 05:58:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1348425	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3874422	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3382286	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2370708	10.02	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	25536m	0.268	ppbv	
13) Ethanol	3.59	45	3452156	442.796	ppbv	84
15) Acetone	3.84	43	1304704	10.778	ppbv	99
19) Isopropyl Alcohol	3.95	45	649892	8.630	ppbv #	96
20) Methylene Chloride	4.34	84	59255m	0.969	ppbv	
26) Hexane	5.67	57	30614m	0.183	ppbv	
53) Toluene	9.79	91	66585m	0.182	ppbv	

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

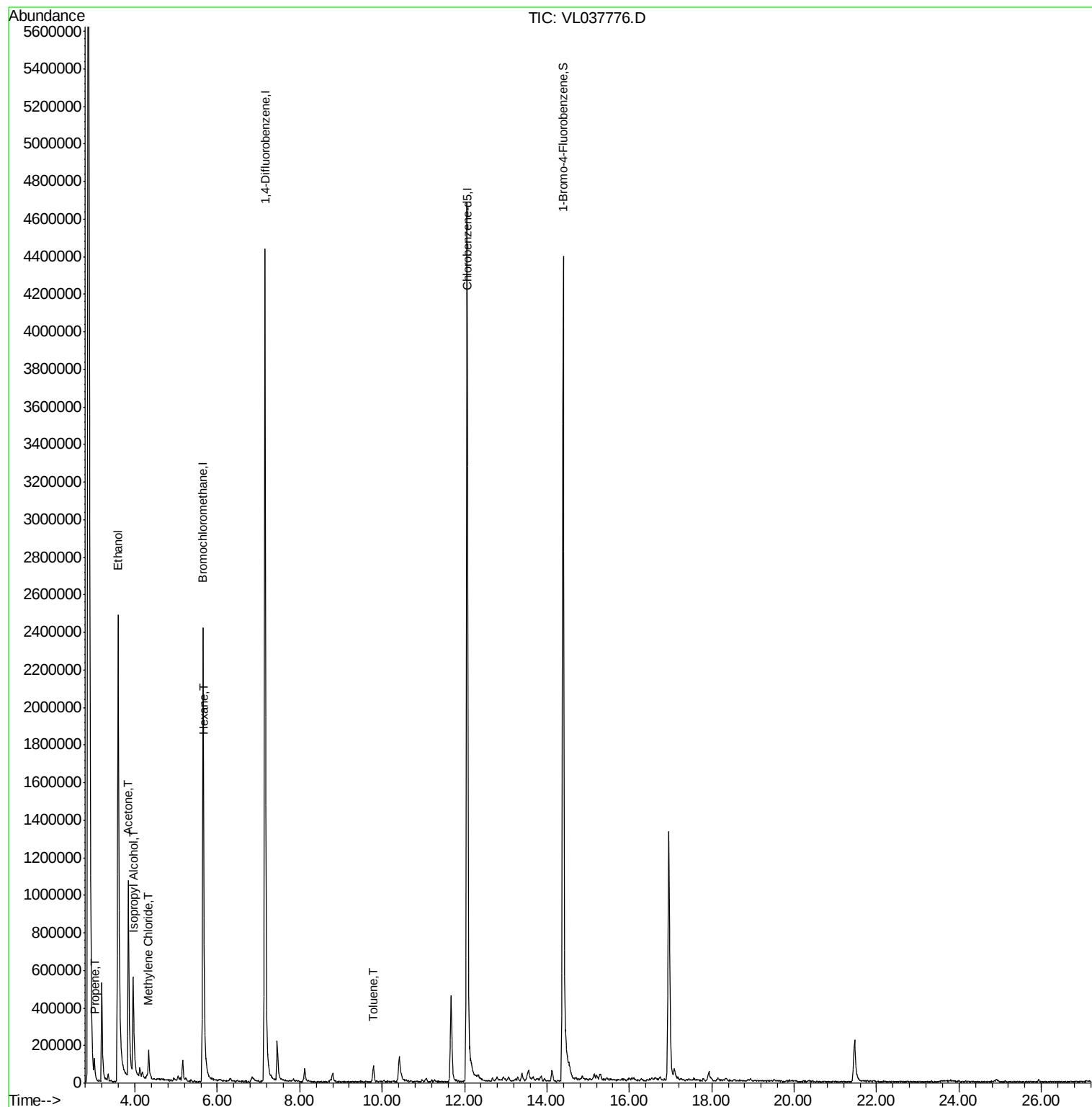
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
Data File : VL037776.D
Acq On : 5 Oct 2021 16:36
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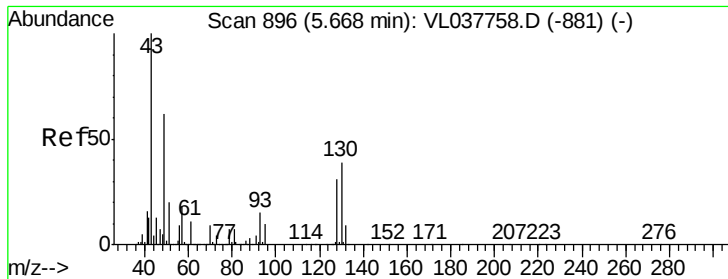
Instrument :
MSVOA_L
ClientSampleId :
C0P24DL

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Quant Time: Oct 06 05:58:02 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL037776.D

Acq: 5 Oct 2021 16:36

Instrument :

MSVOA_L

ClientSampleId :

C0P24DL

Tgt Ion: 49 Resp: 1348425

Ion Ratio Lower Upper

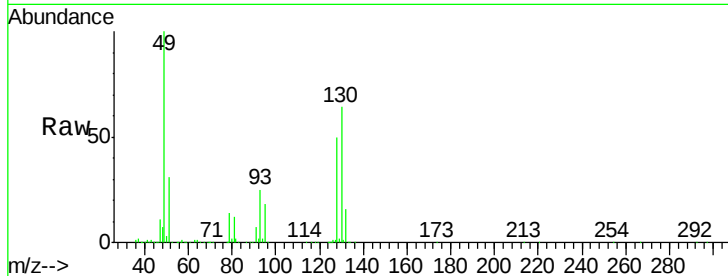
49 100

128 52.7 27.1 81.3

130 67.2 33.2 99.6

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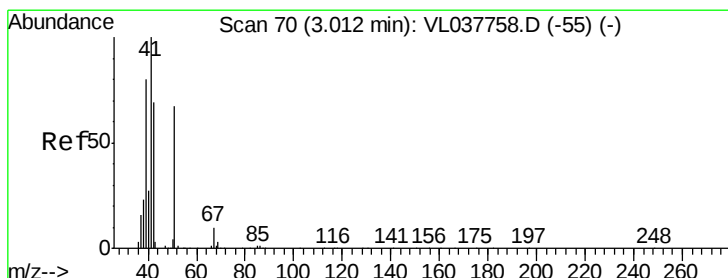
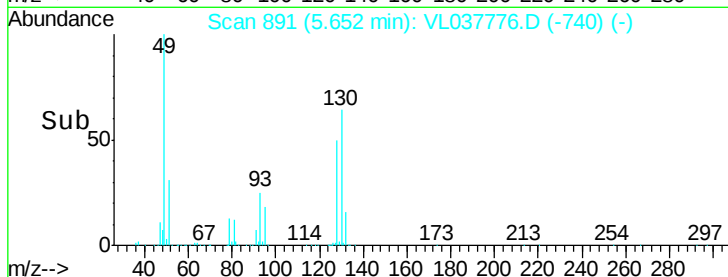
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.65

Time--> 5.55 5.60 5.65 5.70 5.75



#9

Propene

Concen: 0.268 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037776.D

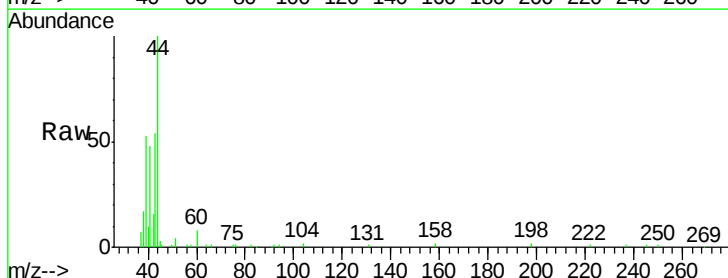
Acq: 5 Oct 2021 16:36

Tgt Ion: 41 Resp: 25536

Ion Ratio Lower Upper

41 100

42 62.2 54.2 81.2

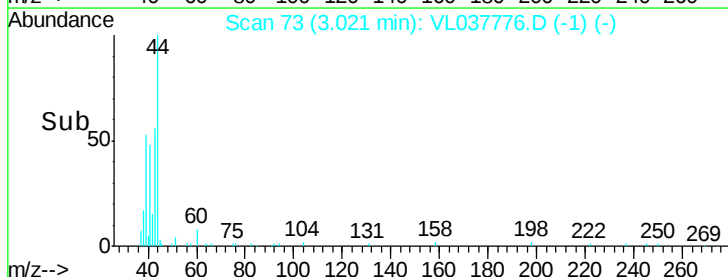


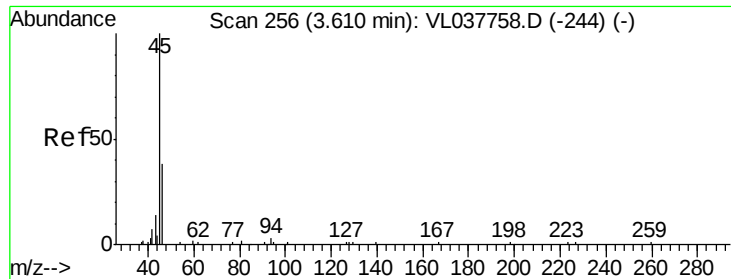
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.02

Time--> 2.95 3.00 3.05





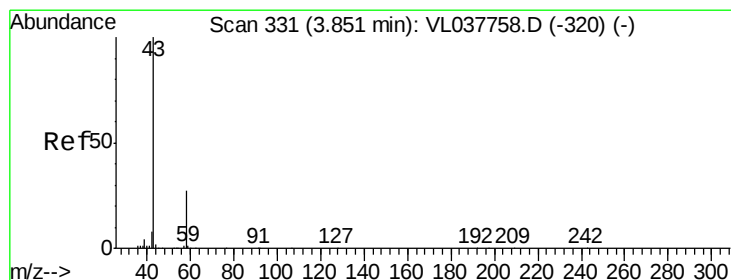
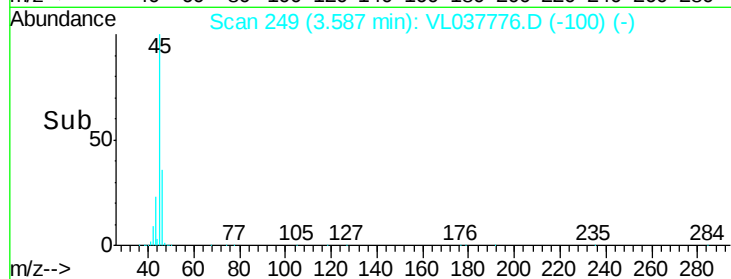
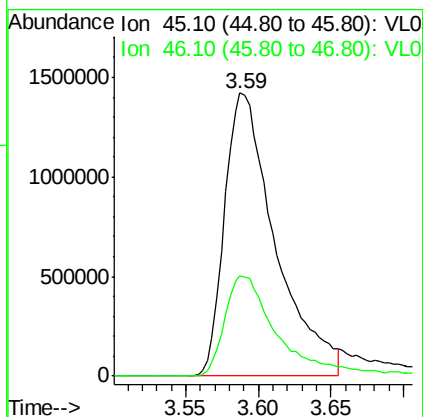
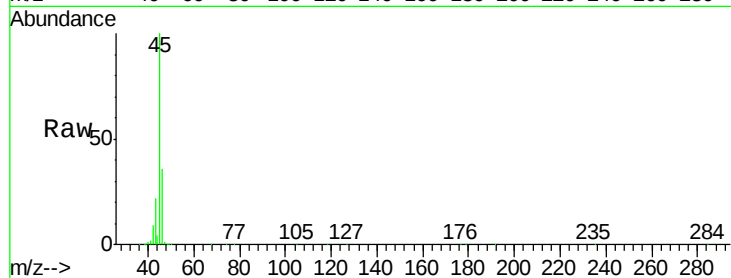
#13
Ethanol
Concen: 442.796 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.02 min
Lab File: VL037776.D
Acq: 5 Oct 2021 16:36

Instrument :
MSVOA_L
ClientSampleId :
C0P24DL

Tgt Ion: 45 Resp: 3452156
Ion Ratio Lower Upper
45 100
46 39.4 20.2 81.0

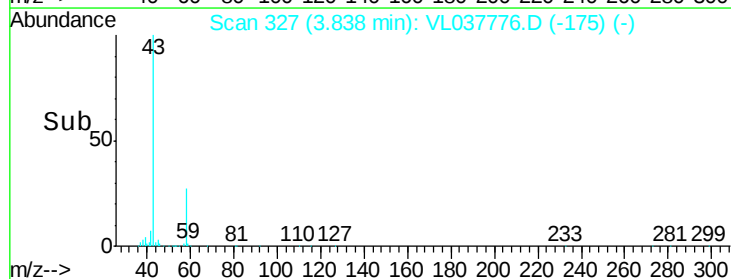
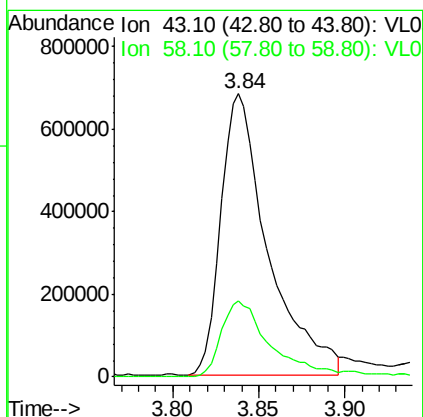
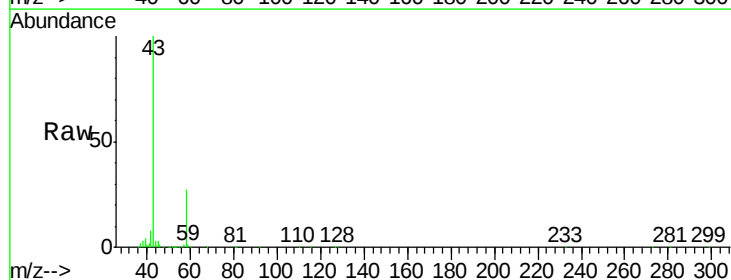
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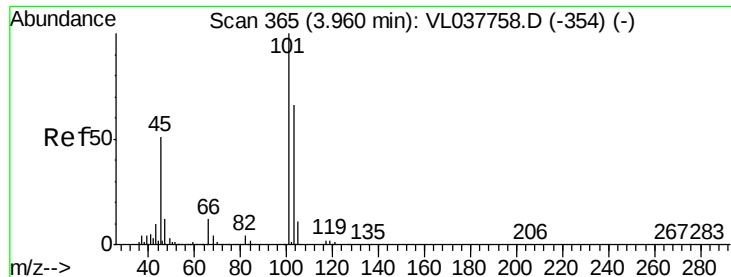
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#15
Acetone
Concen: 10.778 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL037776.D
Acq: 5 Oct 2021 16:36

Tgt Ion: 43 Resp: 1304704
Ion Ratio Lower Upper
43 100
58 29.1 23.0 34.6





#19

Isopropyl Alcohol

Concen: 8.630 ppbv

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VL037776.D

Acq: 5 Oct 2021 16:36

Instrument :

MSVOA_L

ClientSampleId :

C0P24DL

Tgt Ion: 45 Resp: 649892

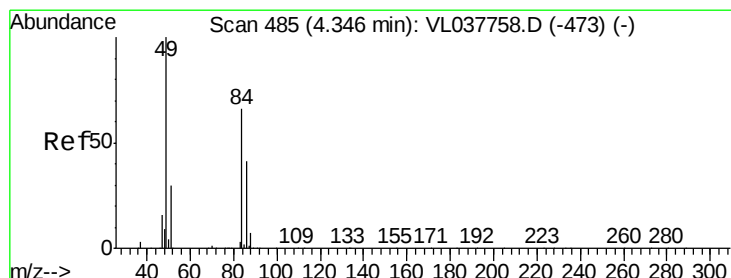
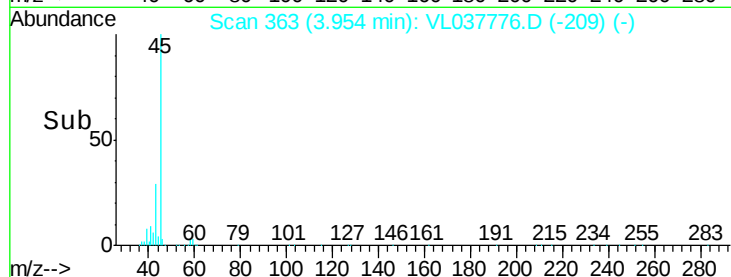
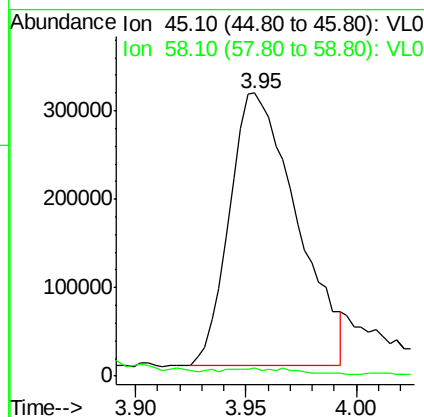
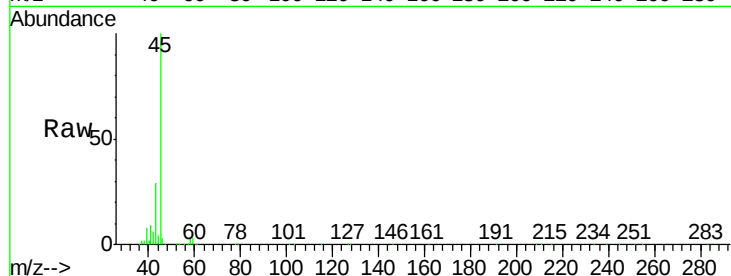
Ion Ratio Lower Upper

45 100

58 3.0 1.1 1.7#

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#20

Methylene Chloride

Concen: 0.969 ppbv m

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL037776.D

Acq: 5 Oct 2021 16:36

Tgt Ion: 84 Resp: 59255

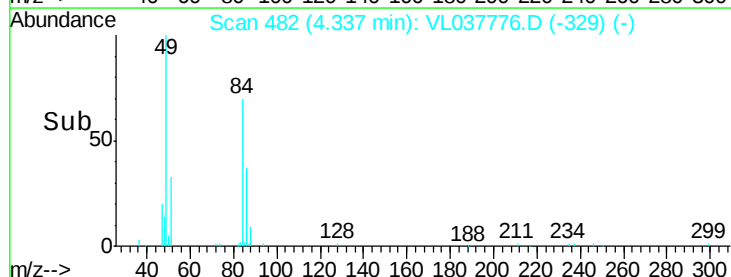
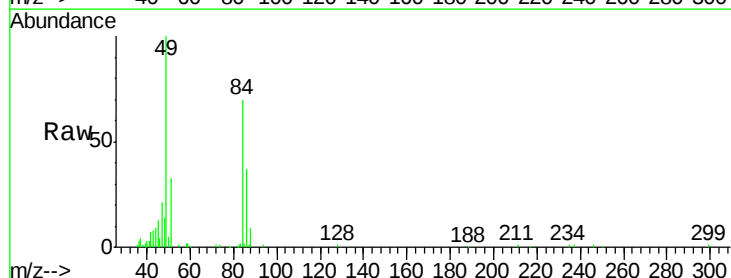
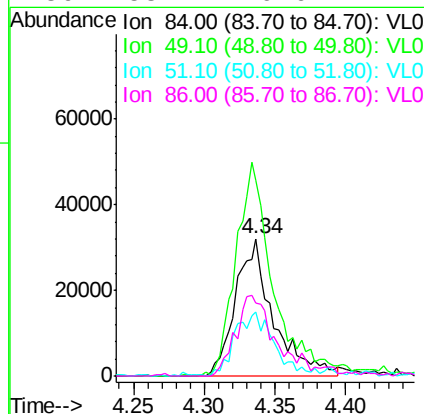
Ion Ratio Lower Upper

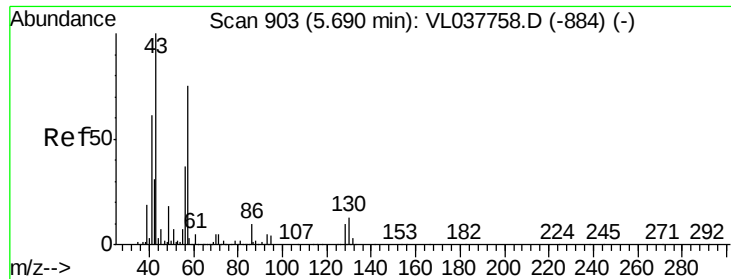
84 100

49 142.1 120.7 181.1

51 46.4 36.2 54.4

86 53.2 49.6 74.4





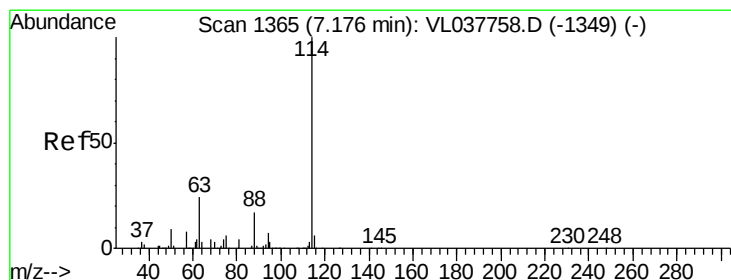
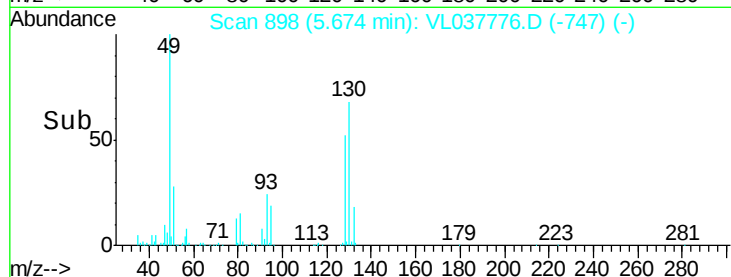
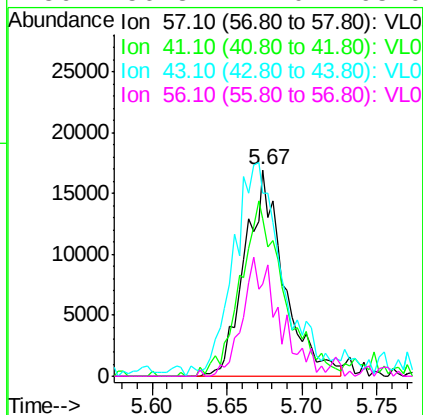
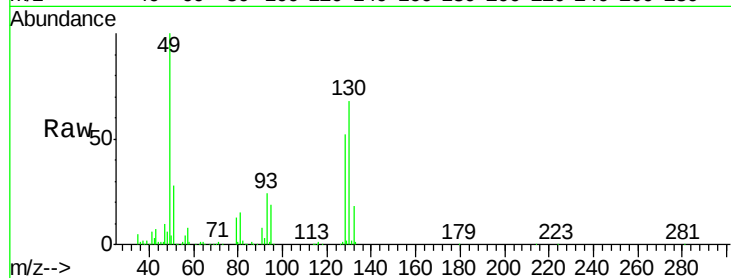
#26
Hexane
Concen: 0.183 ppbv m
RT: 5.67 min Scan# 898
Delta R.T. -0.02 min
Lab File: VL037776.D
Acq: 5 Oct 2021 16:36

Instrument :
MSVOA_L
ClientSampleId :
C0P24DL

Tgt Ion	Ratio	Lower	Upper
57	100		
41	94.7	69.6	104.4
43	125.2	171.4	257.0#
56	56.3	42.0	63.0

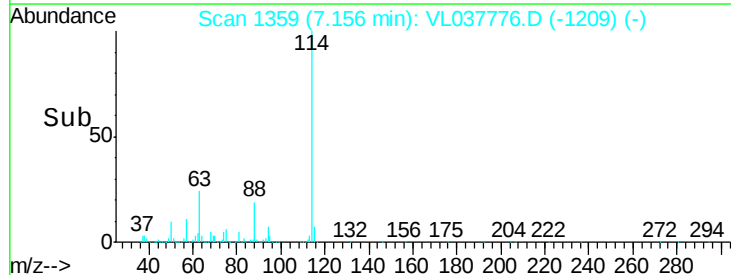
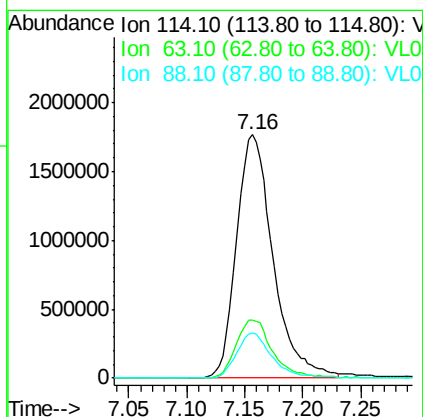
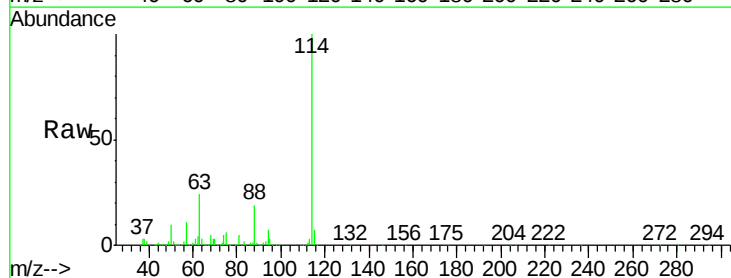
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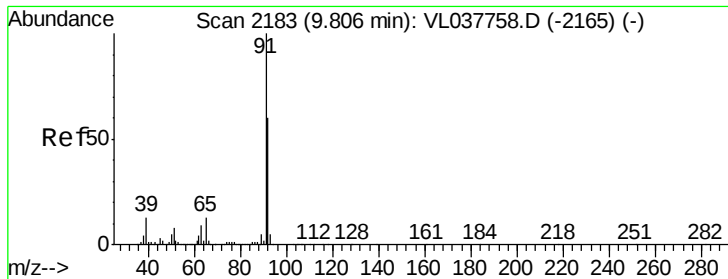
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL037776.D
Acq: 5 Oct 2021 16:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.4	29.2
88	18.2	14.4	21.6





#53

Toluene

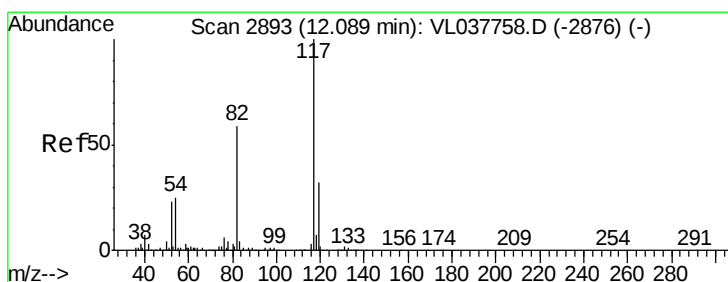
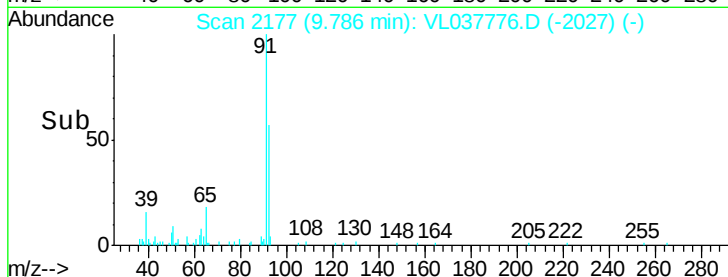
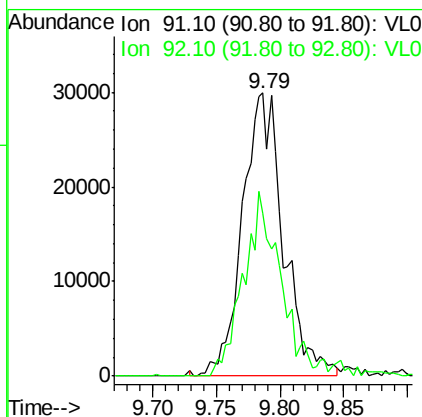
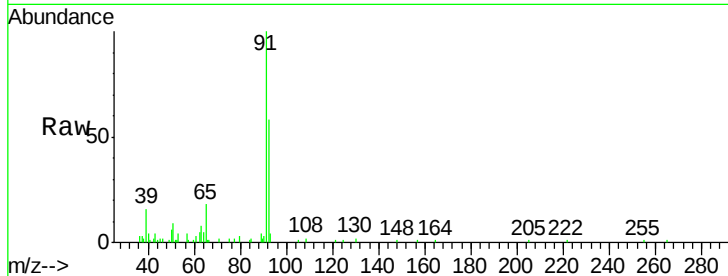
Concen: 0.182 ppbv m
RT: 9.79 min Scan# 2177
Delta R.T. -0.02 min
Lab File: VL037776.D
Acq: 5 Oct 2021 16:36

Instrument :
MSVOA_L
ClientSampleId :
C0P24DL

Tgt Ion: 91 Resp: 66585
Ion Ratio Lower Upper
91 100
92 62.7 48.4 72.6

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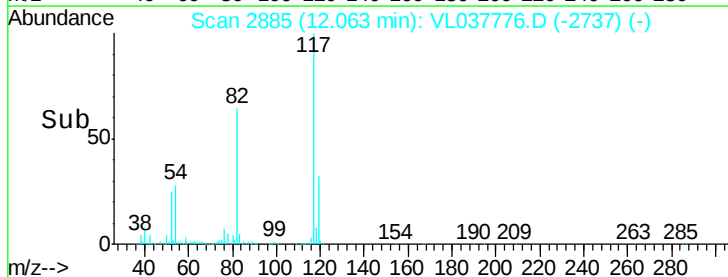
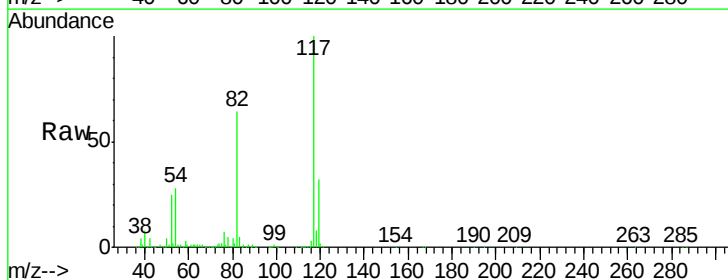
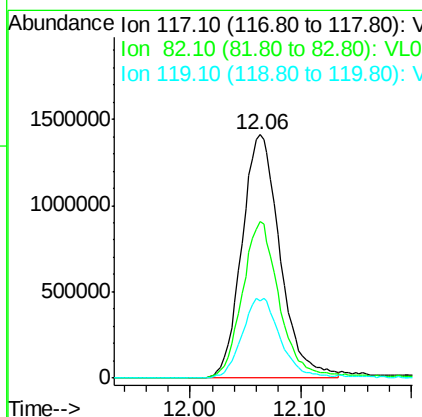


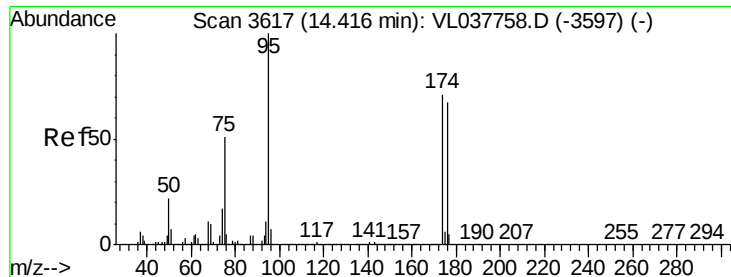
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL037776.D
Acq: 5 Oct 2021 16:36

Tgt Ion: 117 Resp: 3382286
Ion Ratio Lower Upper
117 100
82 64.2 52.2 78.2
119 33.7 26.0 39.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.023 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.02 min
 Lab File: VL037776.D
 Acq: 5 Oct 2021 16:36

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P24DL

Tgt Ion: 95 Resp: 2370708
 Ion Ratio Lower Upper
 95 100
 174 73.9 57.8 86.6
 175 5.5 4.7 7.1

Manual Integrations
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