

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100121\
 Data File : VL037748.D
 Acq On : 1 Oct 2021 19:19
 Operator : SY/AP
 Sample : M4012-05DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P24DL

Manual Integrations
 APPROVED

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 10/4/2021 5:50:09 PM

Quant Time: Oct 02 19:49:16 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	1548010	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4347027	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3732690	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2757679	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	45096	0.438	ppbv	86
13) Ethanol	3.60	45	8591425	852.784	ppbv	92
15) Acetone	3.84	43	3164664	19.676	ppbv	96
19) Isopropyl Alcohol	3.96	45	1766320	20.184	ppbv #	96
20) Methylene Chloride	4.33	84	112868m	1.470	ppbv	
29) Chloroform	5.74	83	27837m	0.103	ppbv	
53) Toluene	9.79	91	164463	0.408	ppbv	99
59) m/p-Xylene	12.94	91	60705m	0.141	ppbv	

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

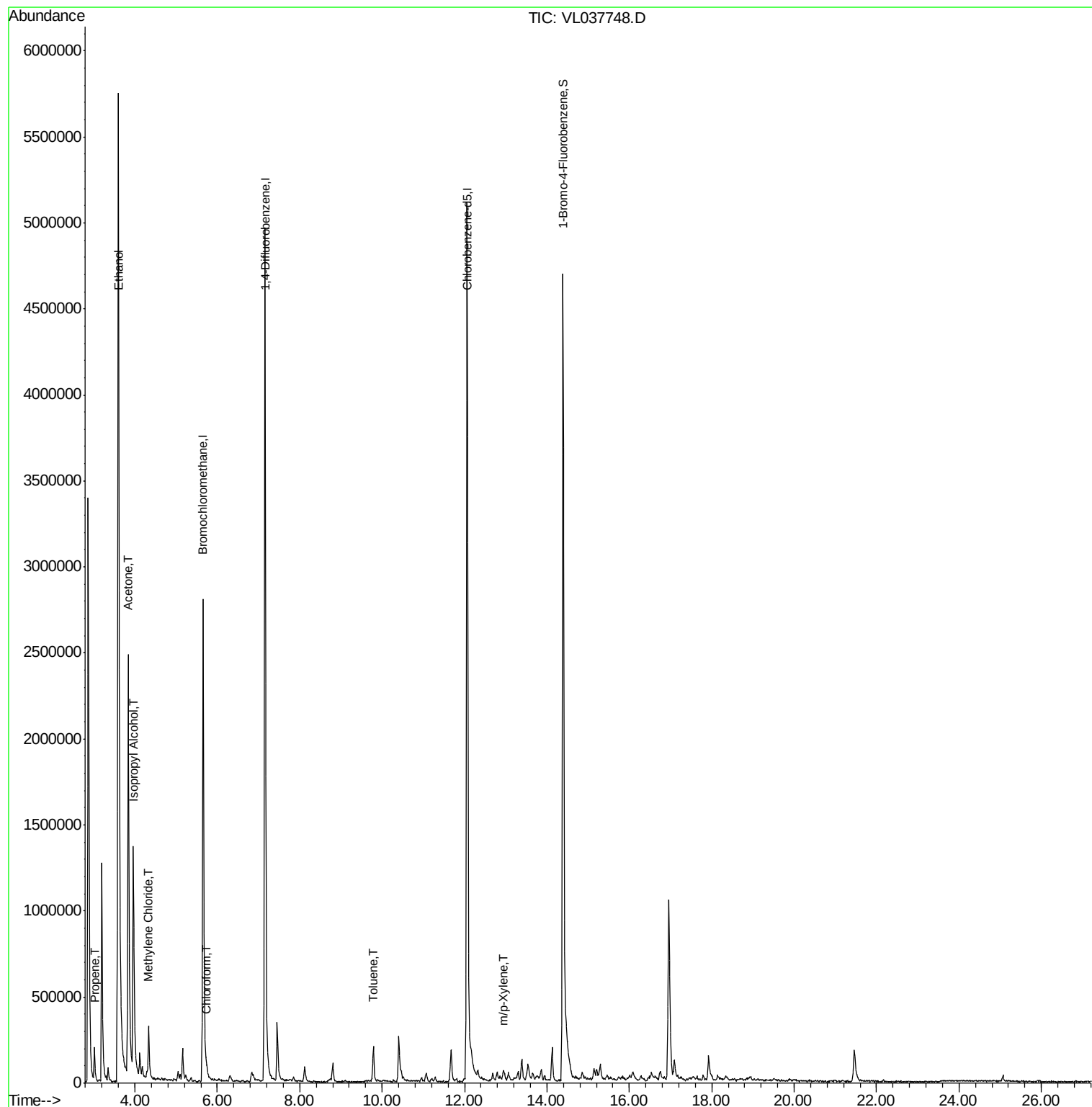
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL100121\
Data File : VL037748.D
Acq On : 1 Oct 2021 19:19
Operator : SY/AP
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Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

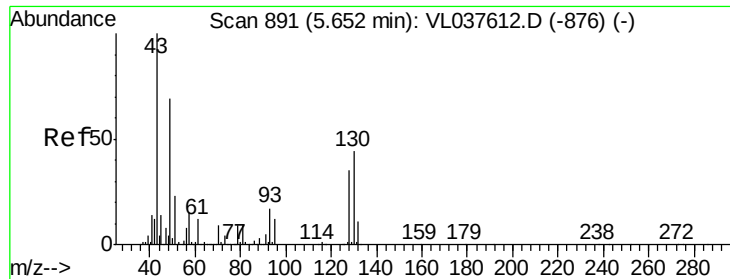
Instrument :
MSVOA_L
ClientSampleId :
C0P24DL

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Quant Time: Oct 02 19:49:16 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
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QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





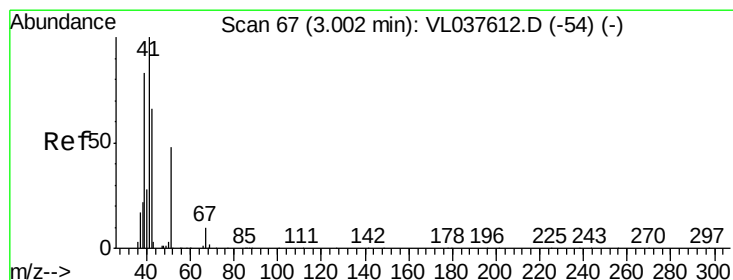
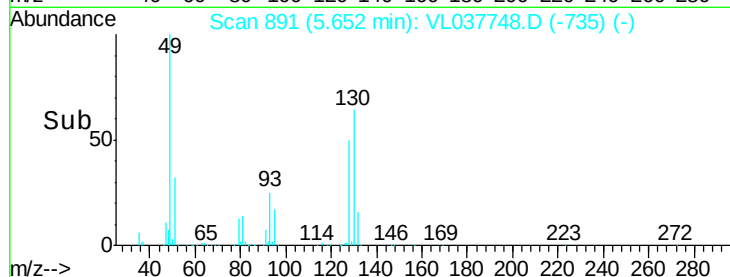
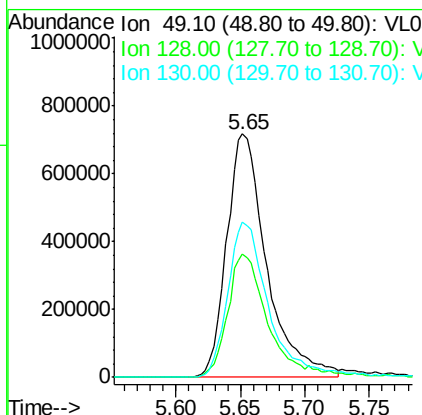
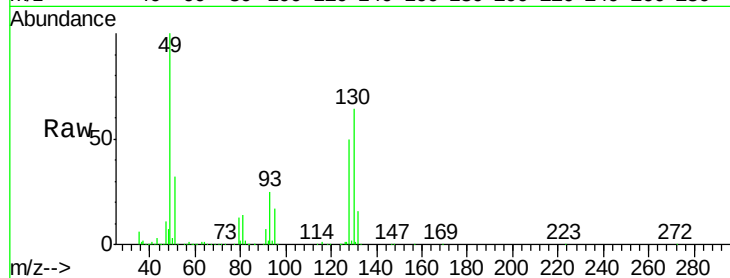
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. 0.00 min
Lab File: VL037748.D
Acq: 1 Oct 2021 19:19

Instrument :
MSVOA_L
ClientSampleId :
C0P24DL

Tot Ion: 49 Resp: 1548010
Ion Ratio Lower Upper
49 100
128 52.3 27.9 83.6
130 66.3 33.9 101.7

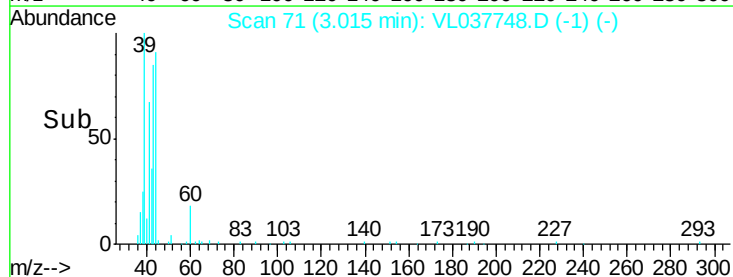
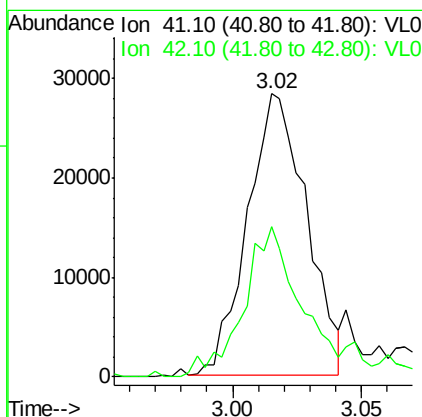
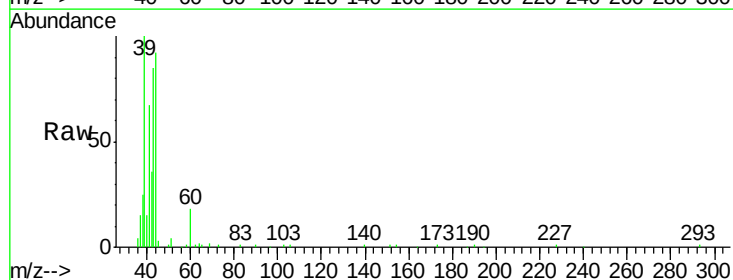
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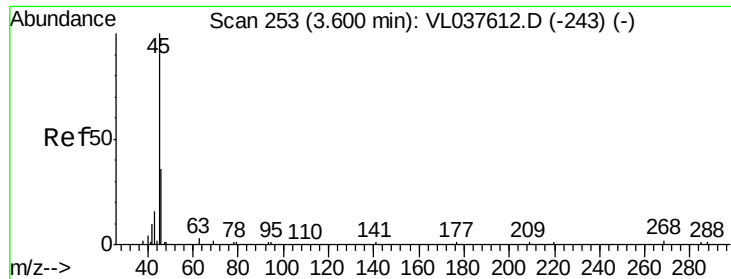
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#9
Propene
Concen: 0.438 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.01 min
Lab File: VL037748.D
Acq: 1 Oct 2021 19:19

Tgt Ion: 41 Resp: 45096
Ion Ratio Lower Upper
41 100
42 60.2 57.2 85.8





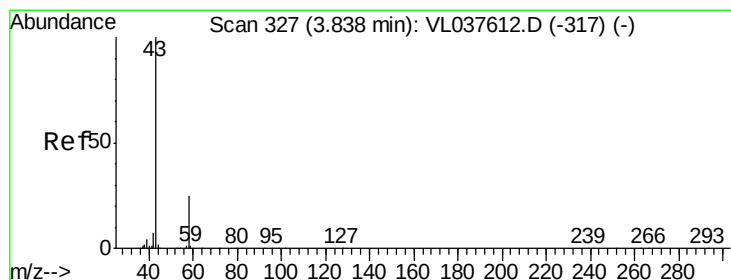
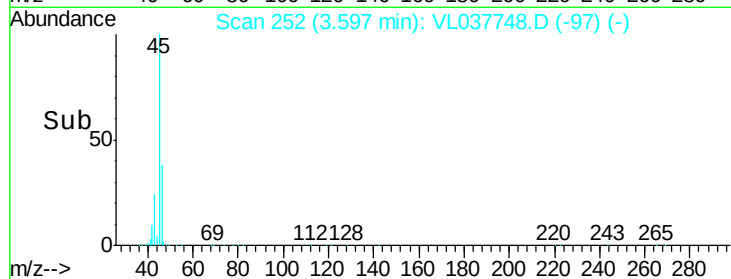
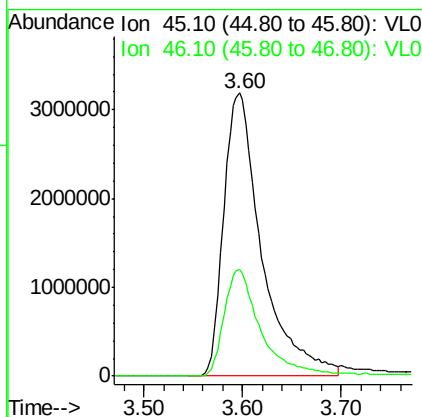
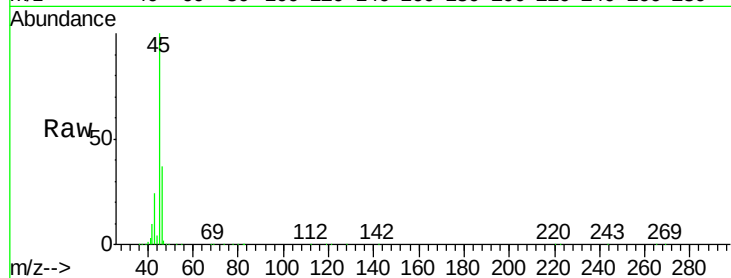
#13
Ethanol
Concen: 852.784 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.00 min
Lab File: VL037748.D
Acq: 1 Oct 2021 19:19

Instrument :
MSVOA_L
ClientSampleId :
C0P24DL

Tot Ion: 45 Resp: 8591425
Ion Ratio Lower Upper
45 100
46 38.2 17.2 68.8

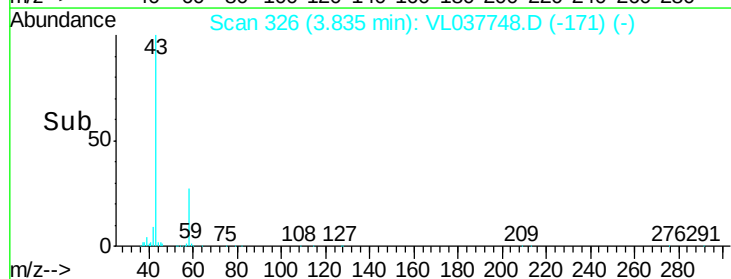
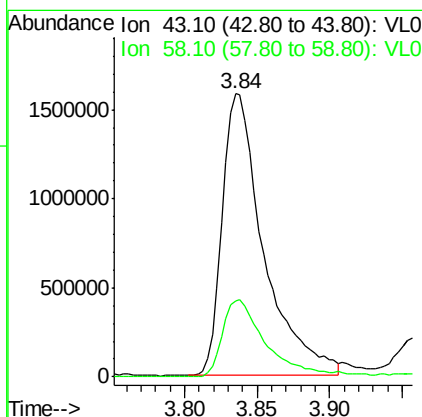
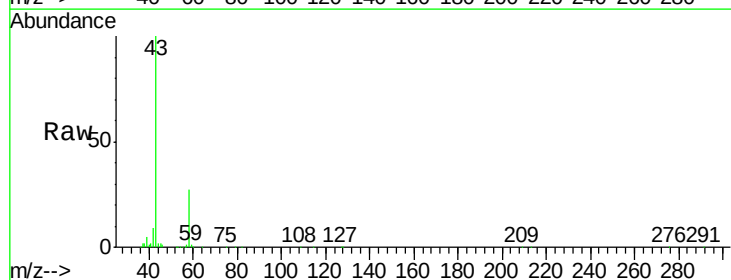
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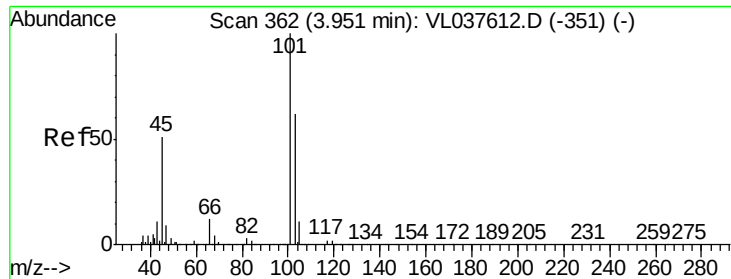
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#15
Acetone
Concen: 19.676 ppbv
RT: 3.84 min Scan# 326
Delta R.T. -0.00 min
Lab File: VL037748.D
Acq: 1 Oct 2021 19:19

Tgt Ion: 43 Resp: 3164664
Ion Ratio Lower Upper
43 100
58 28.8 24.9 37.3





#19

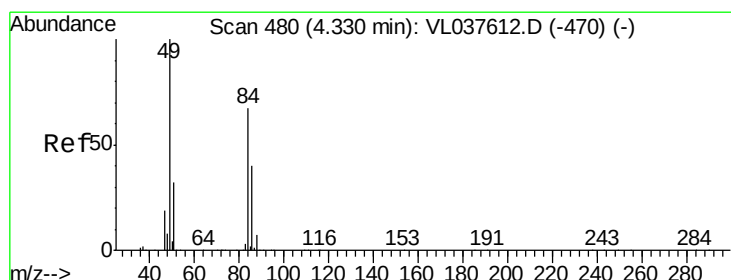
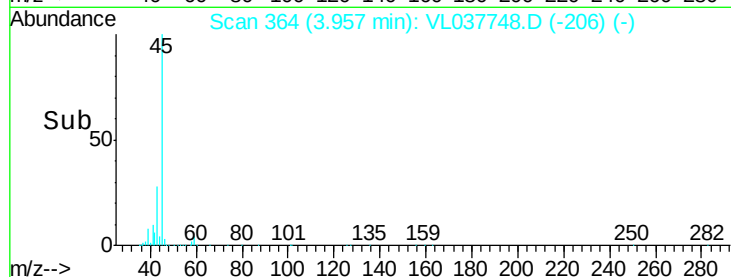
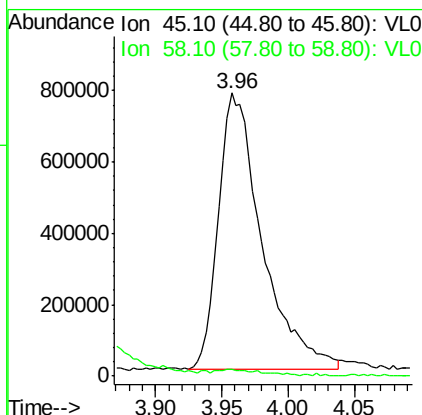
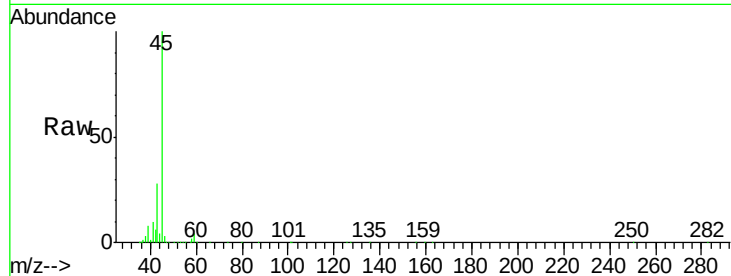
Isopropyl Alcohol
 Concen: 20.184 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VL037748.D
 Acq: 1 Oct 2021 19:19

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P24DL

Tot Ion: 45 Resp: 1766320
 Ion Ratio Lower Upper
 45 100
 58 2.4 2.9 4.3#

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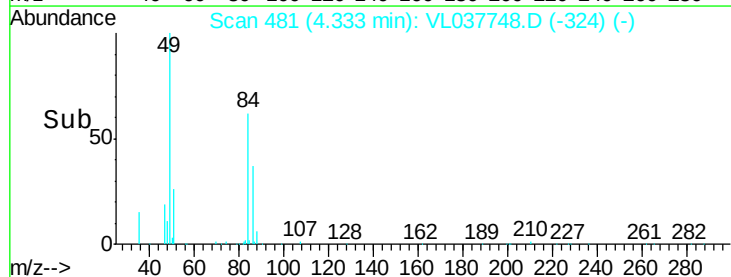
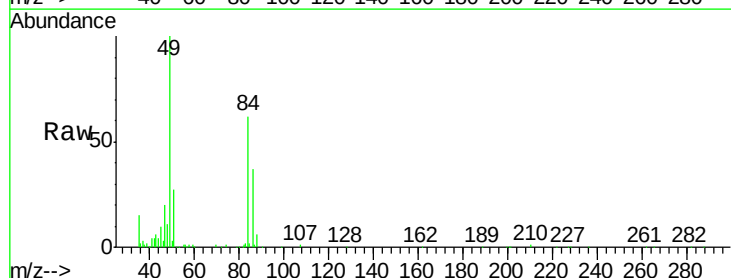
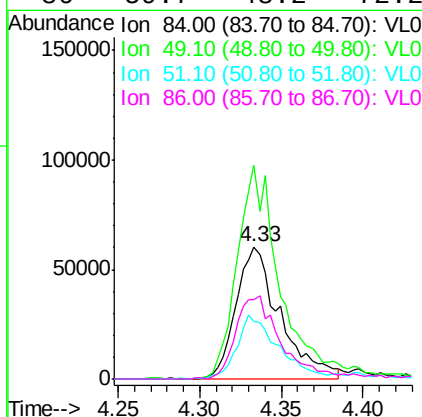
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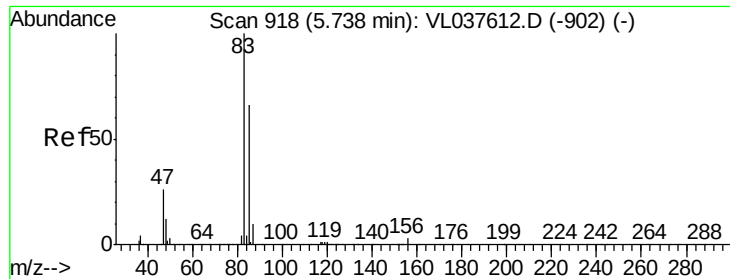


#20

Methylene Chloride
 Concen: 1.470 ppbv m
 RT: 4.33 min Scan# 481
 Delta R.T. 0.00 min
 Lab File: VL037748.D
 Acq: 1 Oct 2021 19:19

Tgt Ion: 84 Resp: 112868
 Ion Ratio Lower Upper
 84 100
 49 161.7 120.0 180.0
 51 43.3 38.0 57.0
 86 59.7 48.2 72.2





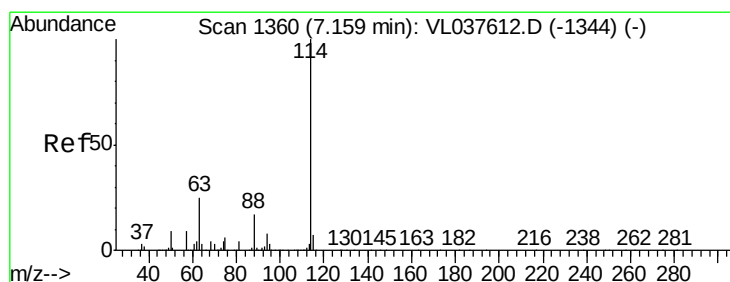
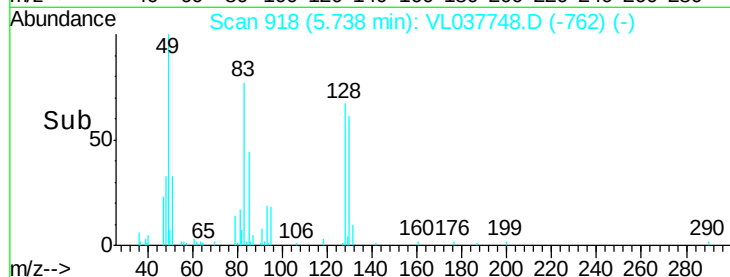
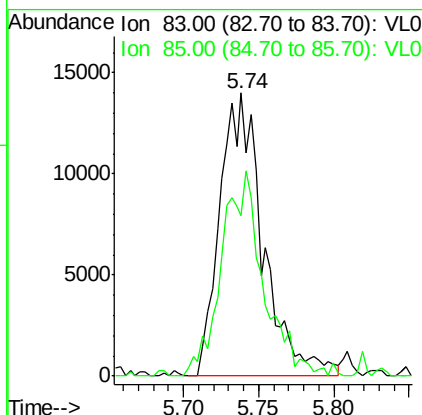
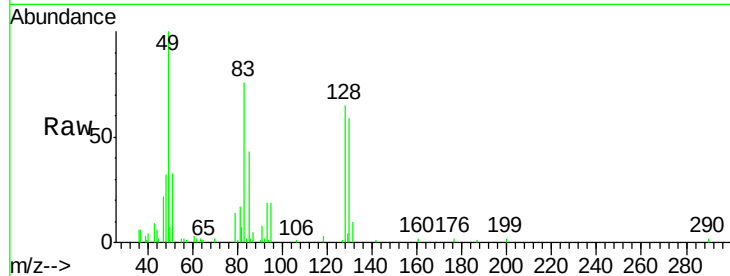
#29
Chloroform
Concen: 0.103 ppbv m
RT: 5.74 min Scan# 918
Delta R.T. 0.00 min
Lab File: VL037748.D
Acq: 1 Oct 2021 19:19

Instrument :
MSVOA_L
ClientSampled :
C0P24DL

Tot Ion: 83 Resp: 27837
Ion Ratio Lower Upper
83 100
85 56.5 52.6 79.0

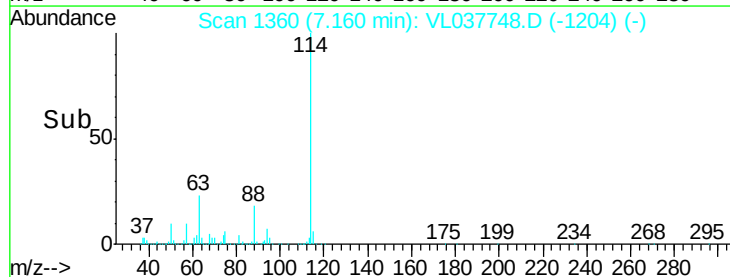
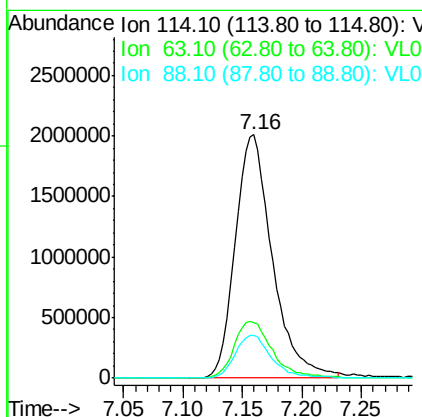
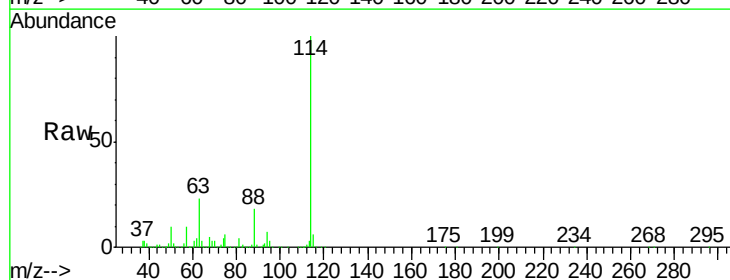
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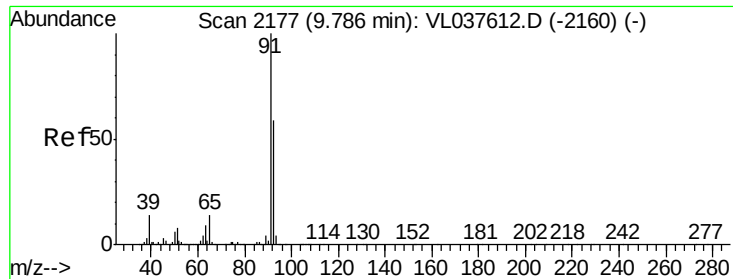
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.00 min
Lab File: VL037748.D
Acq: 1 Oct 2021 19:19

Tgt Ion: 114 Resp: 4347027
Ion Ratio Lower Upper
114 100
63 24.4 19.6 29.4
88 17.8 14.2 21.4





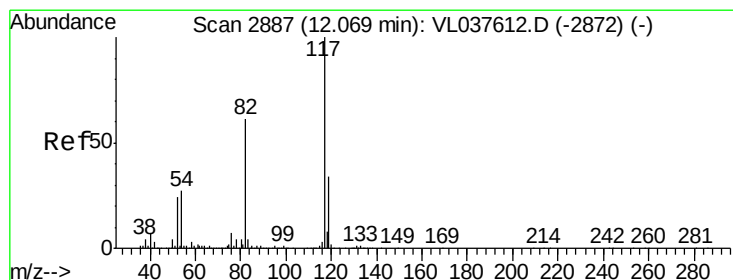
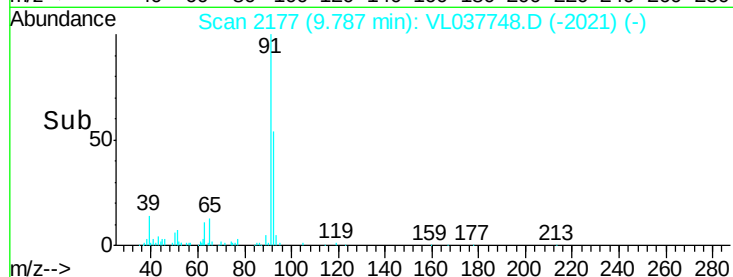
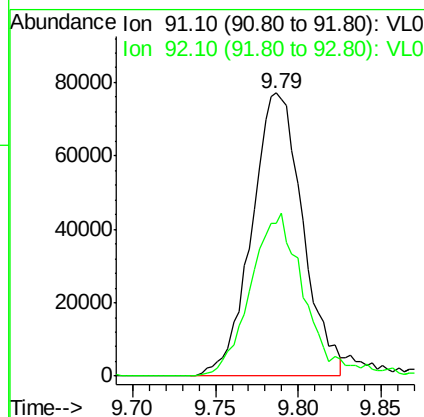
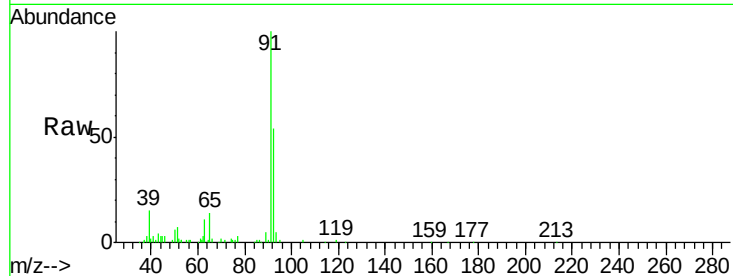
#53
Toluene
Concen: 0.408 ppbv
RT: 9.79 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VL037748.D
Acq: 1 Oct 2021 19:19

Instrument :
MSVOA_L
ClientSampleId :
C0P24DL

Tot Ion: 91 Resp: 164463
Ion Ratio Lower Upper
91 100
92 61.8 48.9 73.3

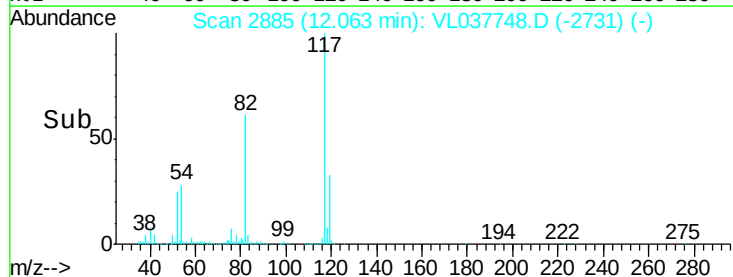
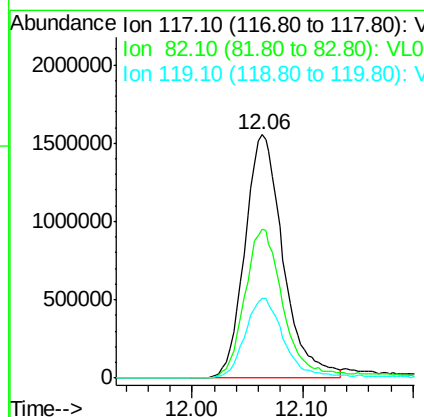
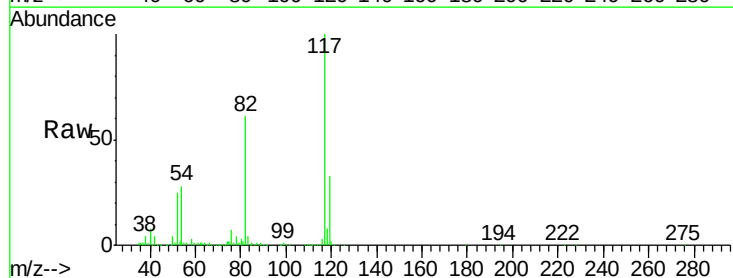
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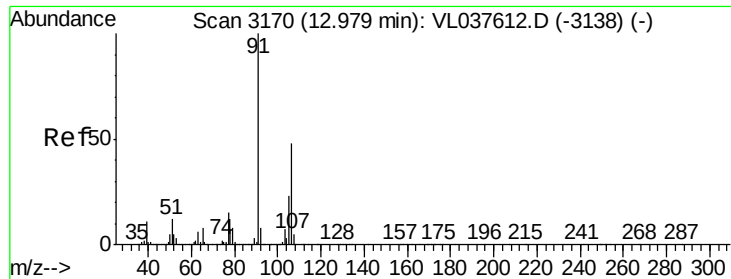
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VL037748.D
Acq: 1 Oct 2021 19:19

Tgt Ion: 117 Resp: 3732690
Ion Ratio Lower Upper
117 100
82 65.8 50.6 75.8
119 34.5 26.2 39.2





#59

m/p-Xylene

Concen: 0.141 ppbv m

RT: 12.94 min Scan# 3159

Delta R.T. -0.04 min

Lab File: VL037748.D

Acq: 1 Oct 2021 19:19

Instrument :

MSVOA_L

ClientSampleId :

C0P24DL

Tot Ion: 91 Resp: 60705

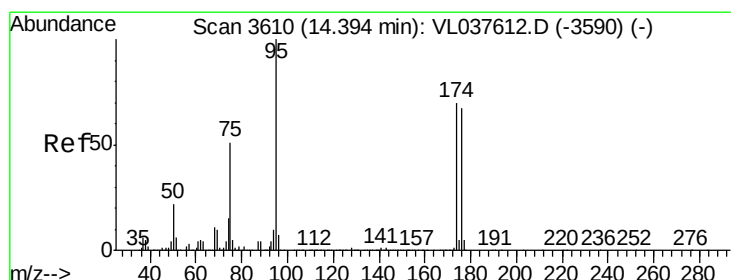
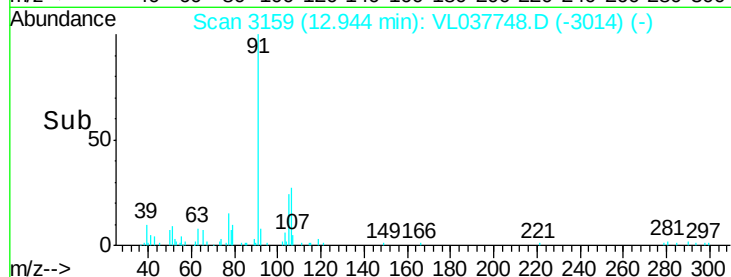
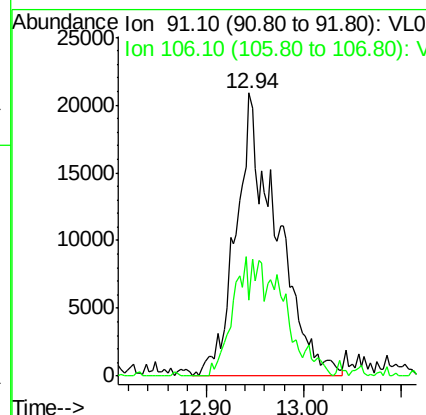
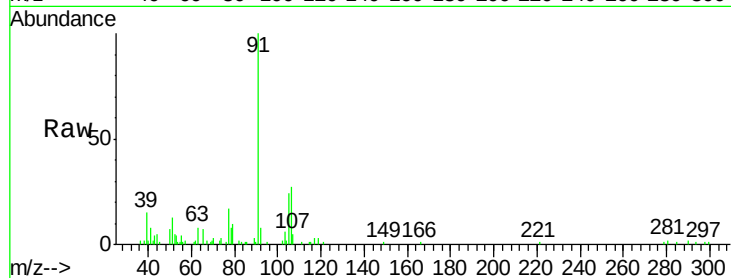
Ion Ratio Lower Upper

91 100

106 0.0 36.6 55.0#

Manual Integrations
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#68

1-Bromo-4-Fluorobenzene

Concen: 10.223 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. 0.00 min

Lab File: VL037748.D

Acq: 1 Oct 2021 19:19

Tgt Ion: 95 Resp: 2757679

Ion Ratio Lower Upper

95 100

174 71.5 56.3 84.5

175 5.2 4.4 6.6

