

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100121\
 Data File : VL037749.D
 Acq On : 1 Oct 2021 19:57
 Operator : SY/AP
 Sample : M4012-06DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P28DL

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 5:50:10 PM

Quant Time: Oct 02 19:50:30 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	1465604	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4242843	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3508651	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2393387	9.44	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	38128m	3.997	ppbv	
15) Acetone	3.85	43	183491m	1.205	ppbv	
20) Methylene Chloride	4.34	84	71687	0.986	ppbv	87
59) m/p-Xylene	12.96	91	40649m	0.100	ppbv	

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

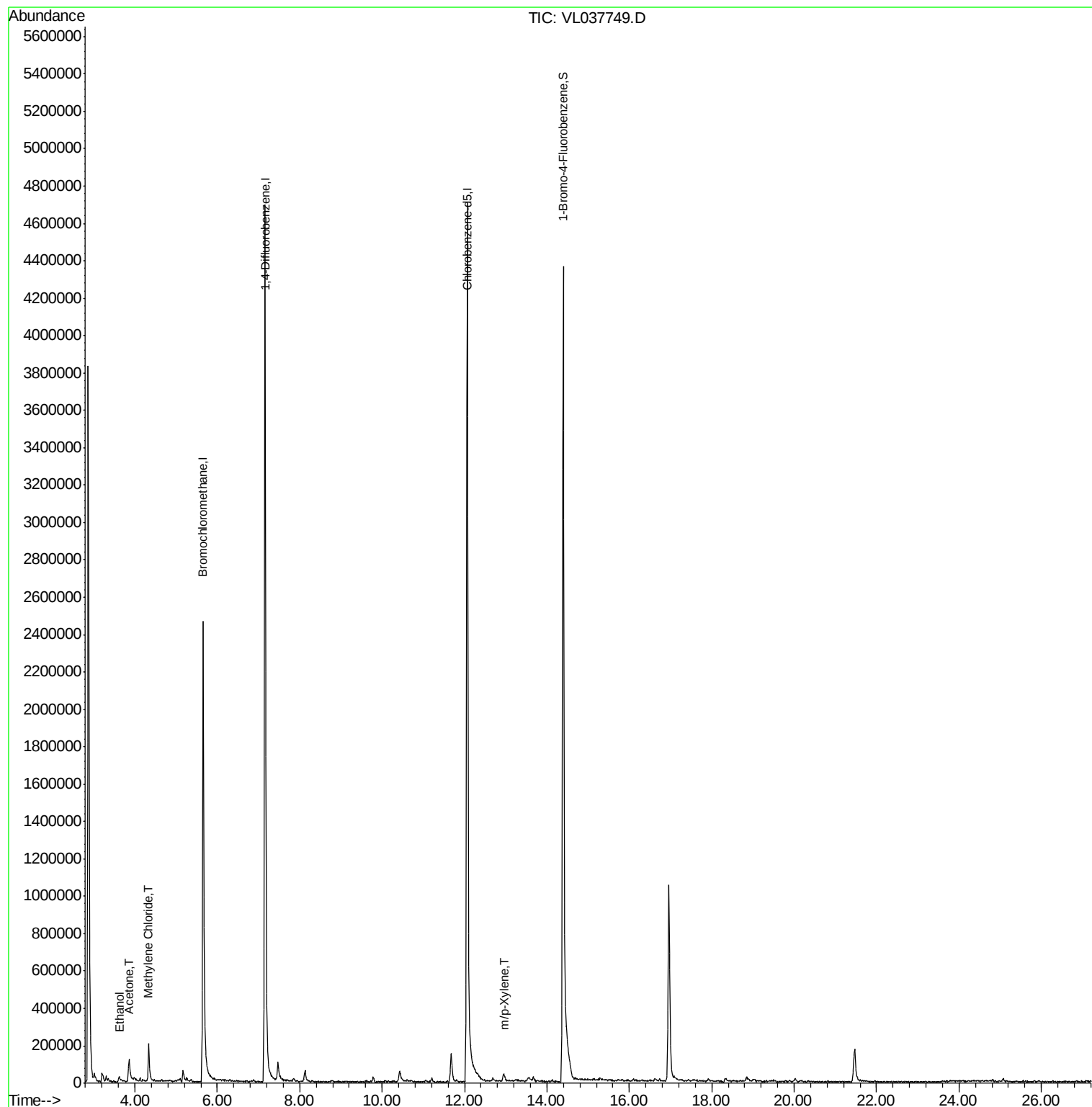
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL100121\
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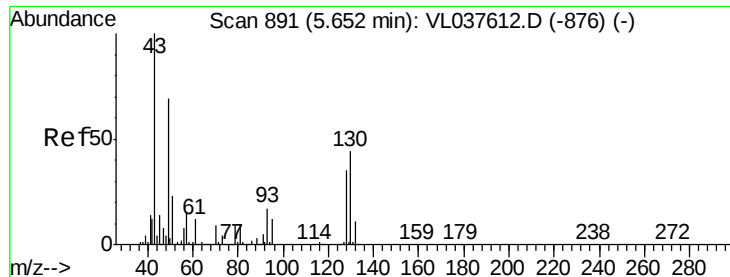
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Oct 02 19:50:30 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037749.D

Acq: 1 Oct 2021 19:57

Instrument :

MSVOA_L

ClientSampled :

C0P28DL

Tot Ion: 49 Resp: 1465604

Ion Ratio Lower Upper

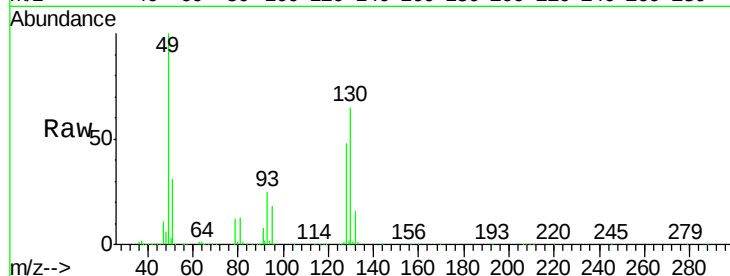
49 100

128 53.5 27.9 83.6

130 67.6 33.9 101.7

Manual Integrations
APPROVED

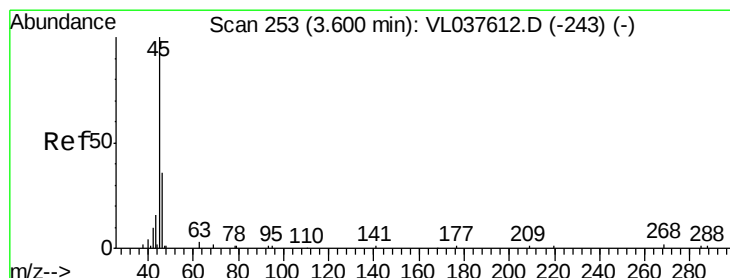
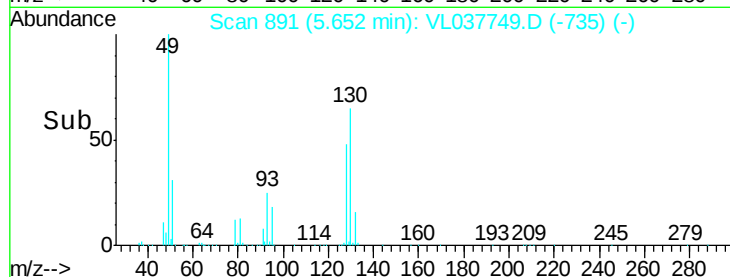
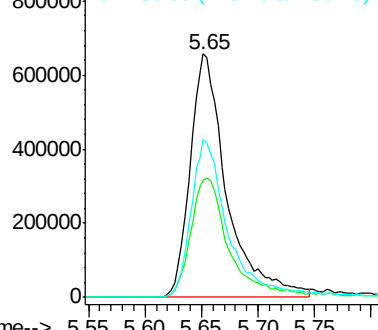
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 3.997 ppbv m

RT: 3.63 min Scan# 262

Delta R.T. 0.03 min

Lab File: VL037749.D

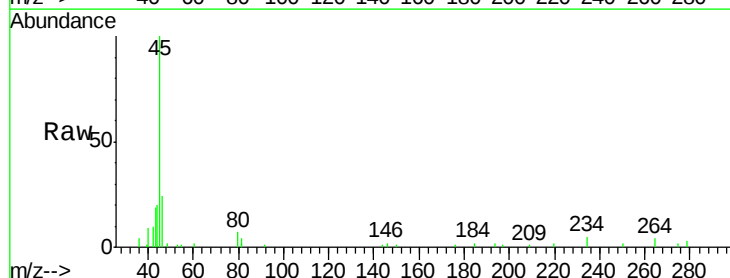
Acq: 1 Oct 2021 19:57

Tgt Ion: 45 Resp: 38128

Ion Ratio Lower Upper

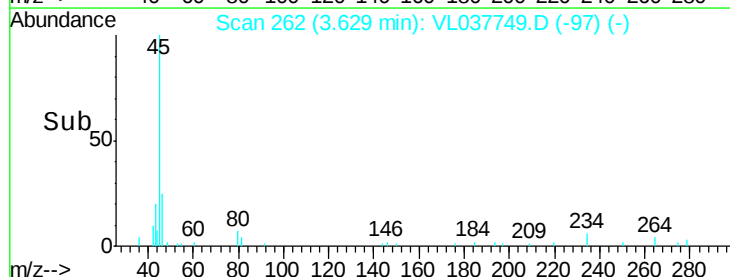
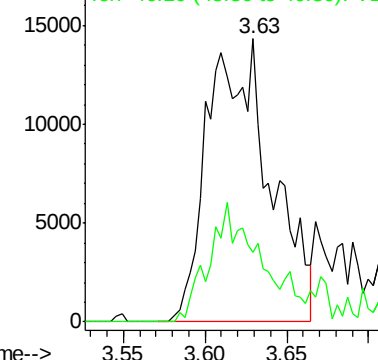
45 100

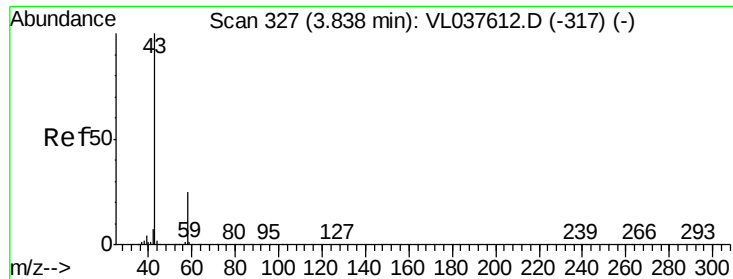
46 38.5 17.2 68.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 1.205 ppbv m

RT: 3.85 min Scan# 331

Delta R.T. 0.01 min

Lab File: VL037749.D

Acq: 1 Oct 2021 19:57

Instrument :

MSVOA_L

ClientSampleId :

C0P28DL

Tot Ion: 43 Resp: 183491

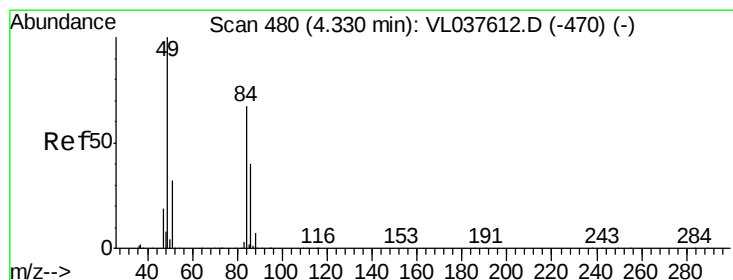
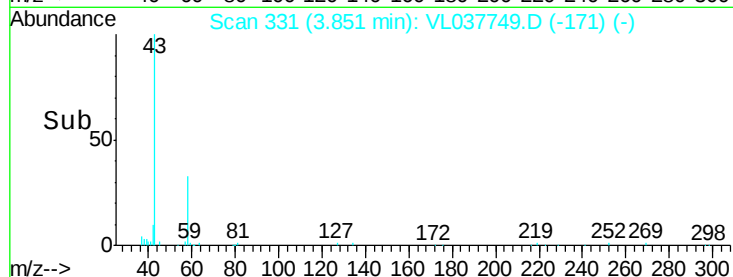
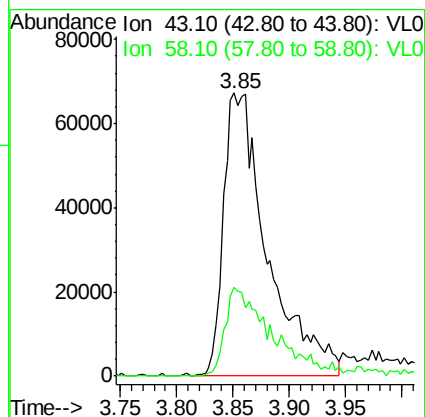
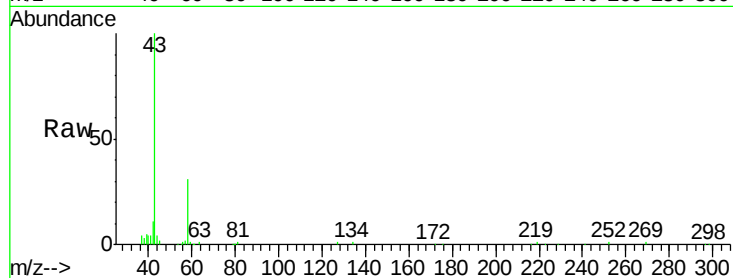
Ion Ratio Lower Upper

43 100

58 33.5 24.9 37.3

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#20

Methylene Chloride

Concen: 0.986 ppbv

RT: 4.34 min Scan# 482

Delta R.T. 0.01 min

Lab File: VL037749.D

Acq: 1 Oct 2021 19:57

Tgt Ion: 84 Resp: 71687

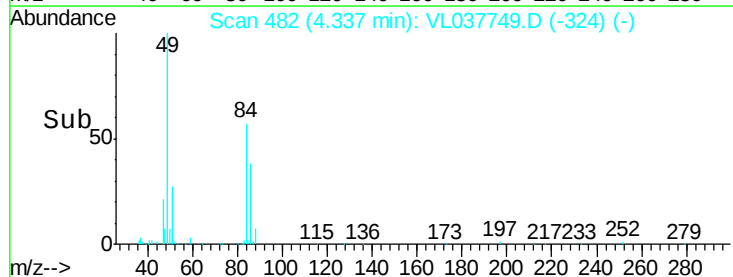
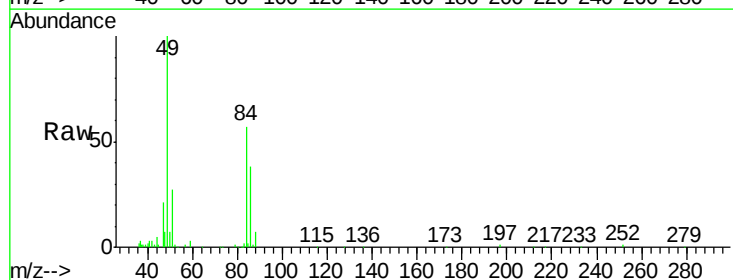
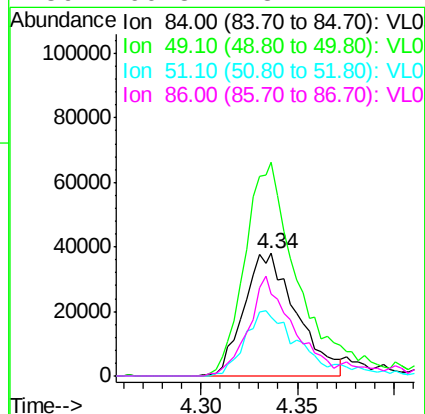
Ion Ratio Lower Upper

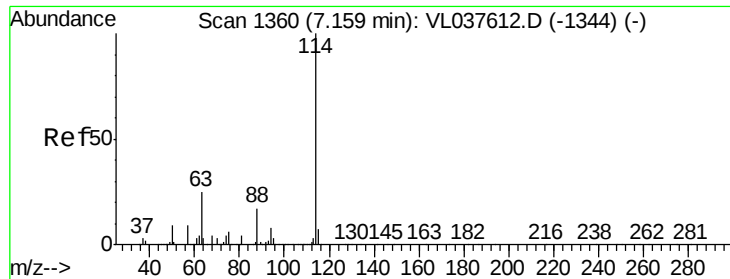
84 100

49 174.7 120.0 180.0

51 47.7 38.0 57.0

86 66.8 48.2 72.2





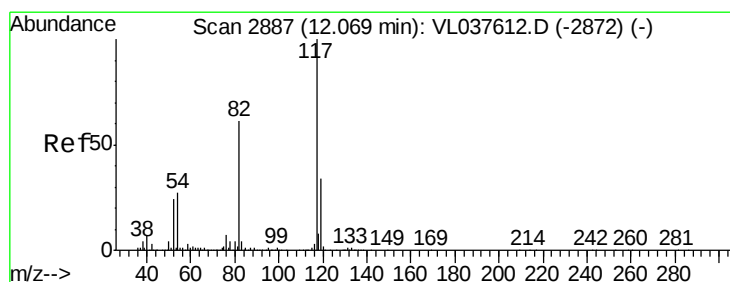
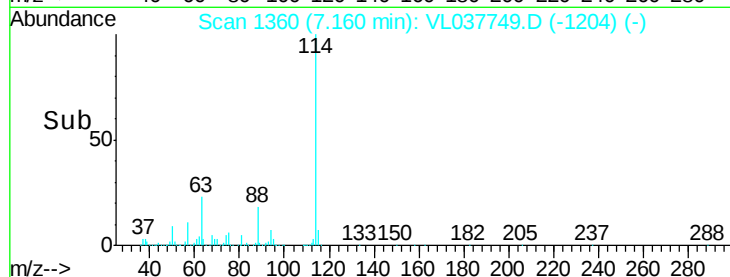
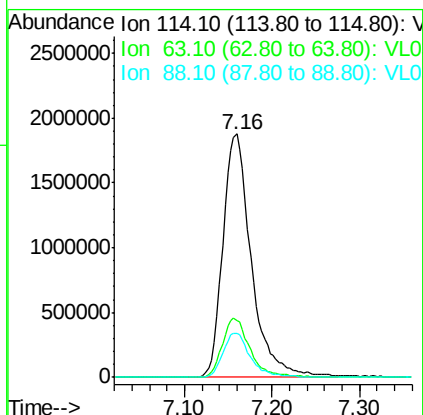
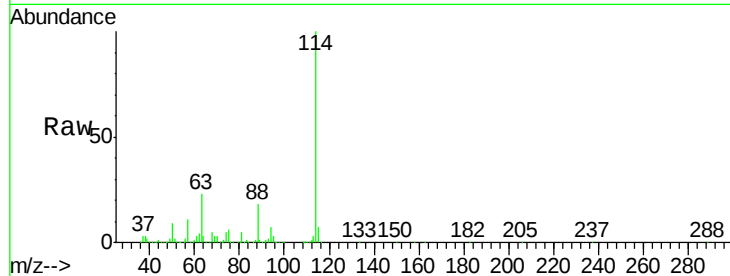
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VL037749.D
 Acq: 1 Oct 2021 19:57

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P28DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.6	29.4
88	17.8	14.2	21.4

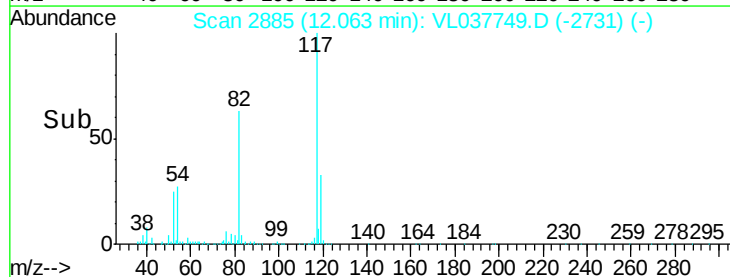
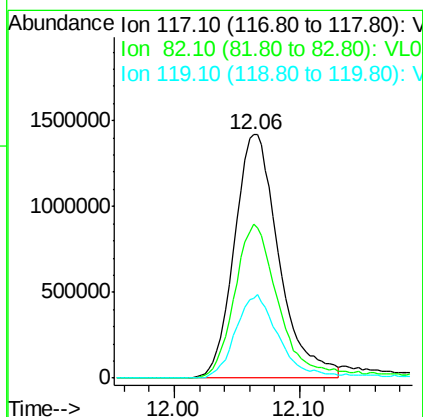
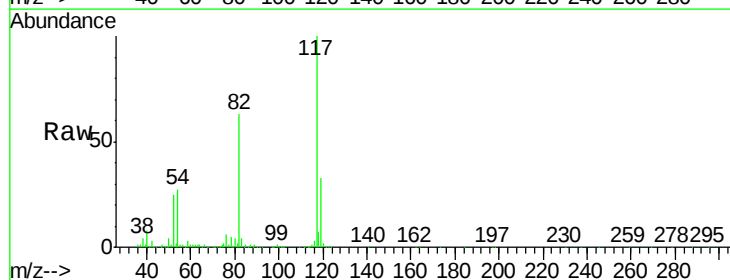
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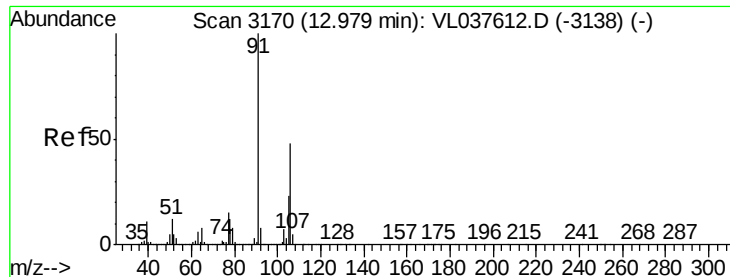
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: VL037749.D
 Acq: 1 Oct 2021 19:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.6	50.6	75.8
119	34.9	26.2	39.2





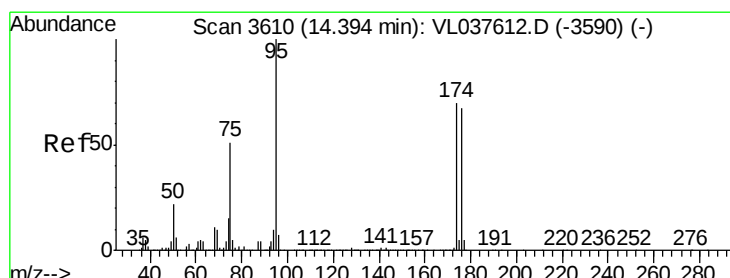
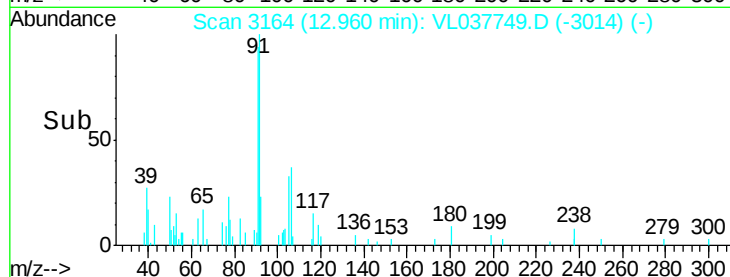
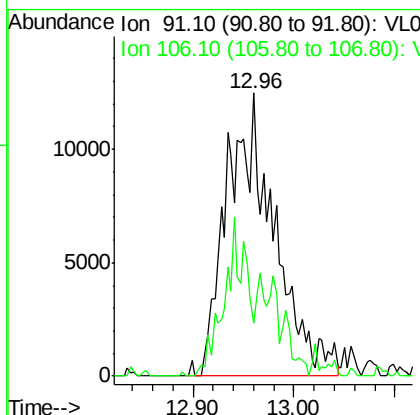
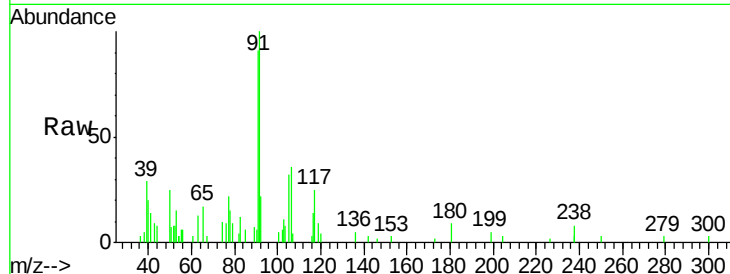
#59
m/p-Xylene
Concen: 0.100 ppbv m
RT: 12.96 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Instrument :
MSVOA_L
ClientSampled :
C0P28DL

Tot Ion: 91 Resp: 40649
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: 9.439 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Tgt Ion: 95 Resp: 2393387
Ion Ratio Lower Upper
95 100
174 77.5 56.3 84.5
175 5.9 4.4 6.6

