

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121421\
 Data File : VL038170.D
 Acq On : 14 Dec 2021 17:26
 Operator : SY/AP
 Sample : M5045-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9BDL

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/16/2021

Quant Time: Dec 15 06:18:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1056427	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2751405	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	2414236	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1885052	10.82	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.20%

Target Compounds					Ovalue
13) Ethanol	3.59	45	178961m	22.665	ppbv
15) Acetone	3.84	43	35666m	0.389	ppbv
19) Isopropyl Alcohol	3.95	45	23898m	0.361	ppbv
20) Methylene Chloride	4.32	84	35071m	0.684	ppbv

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

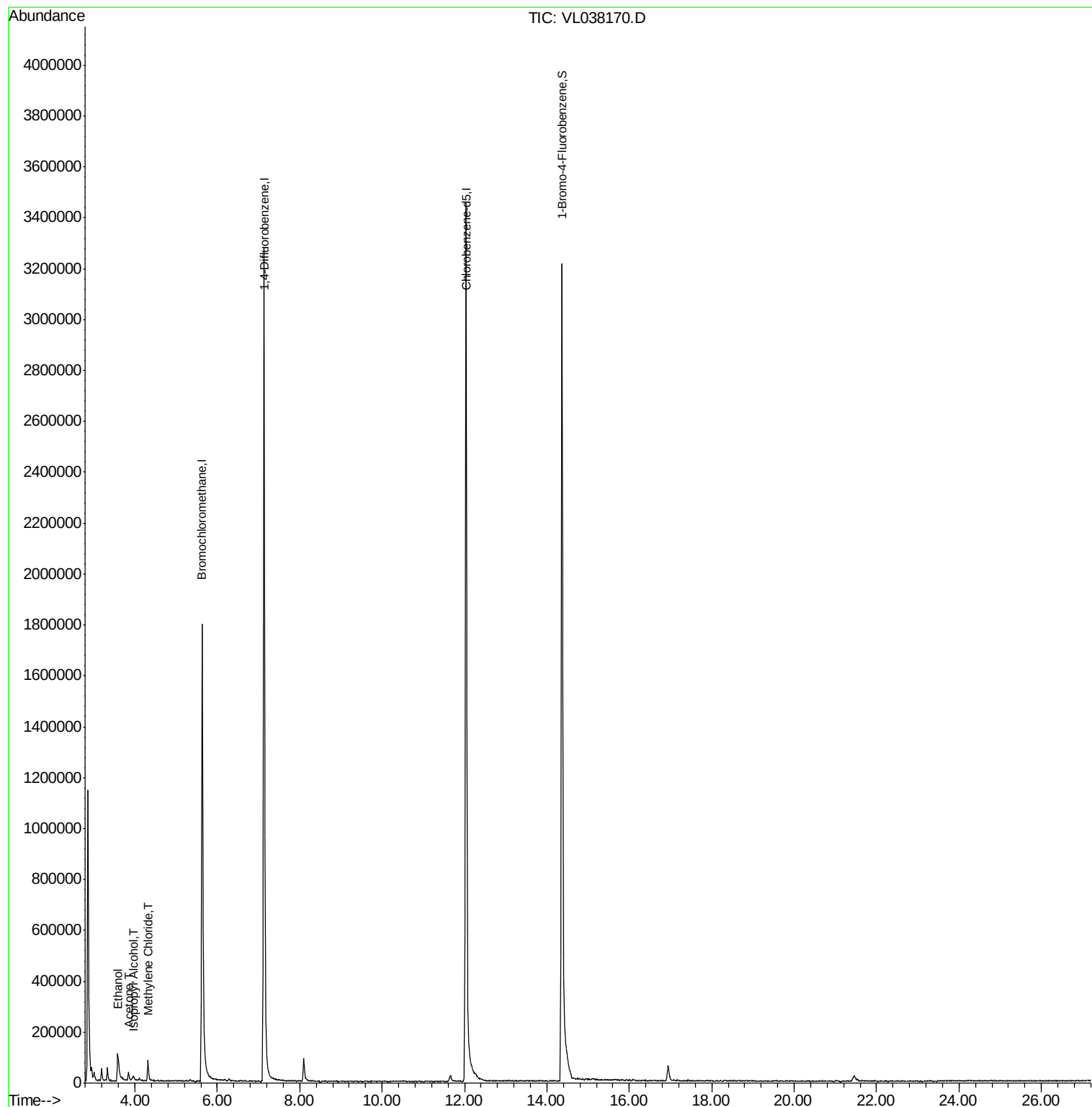
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121421\
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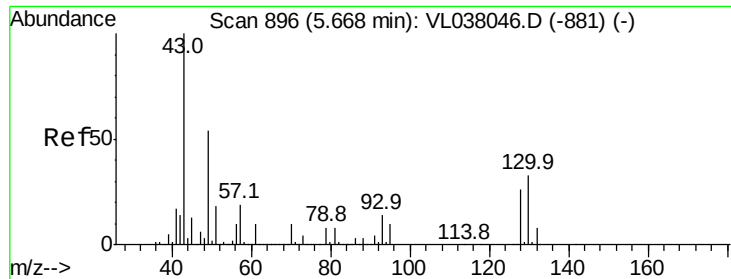
Instrument :
MSVOA_L
ClientSampleId :
IA-9BDL

Quant Time: Dec 15 06:18:24 2021
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Dec 2021 17:20

Tot Ion:

Ion Ratio

49 100

128 47.

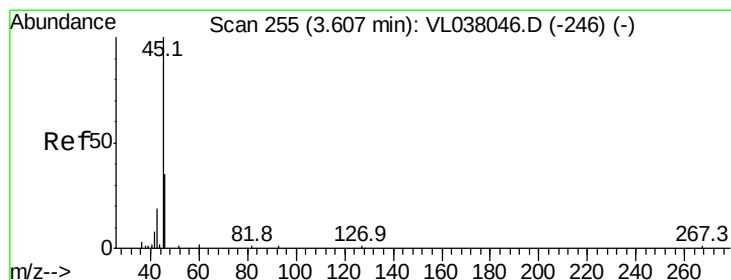
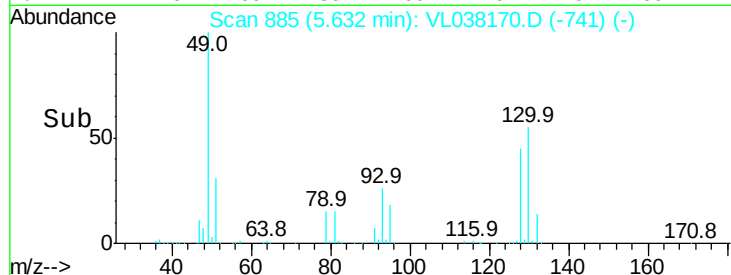
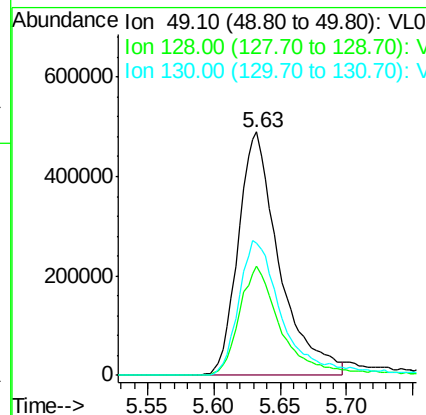
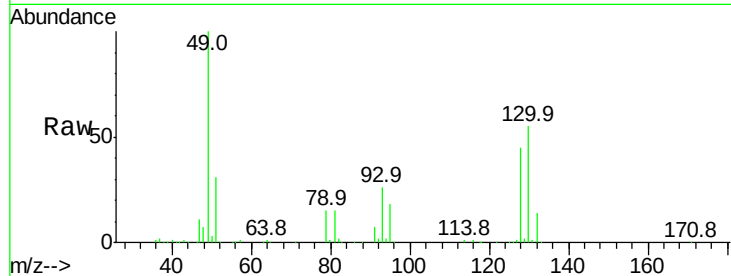
130 60.

Manual Integrations

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#13

Ethanol

Concen: 22.665 ppbv m

RT: 3.59 min Scan# 250

Delta R.T. -0.02 min

Lab File: VL038170.D

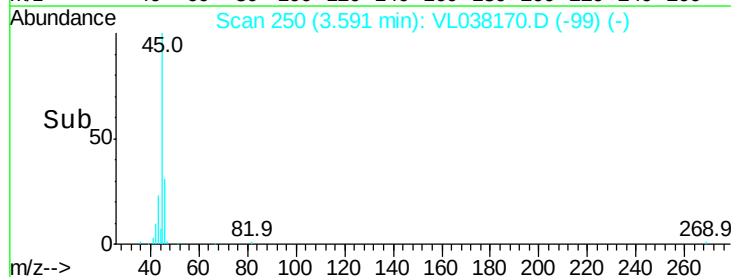
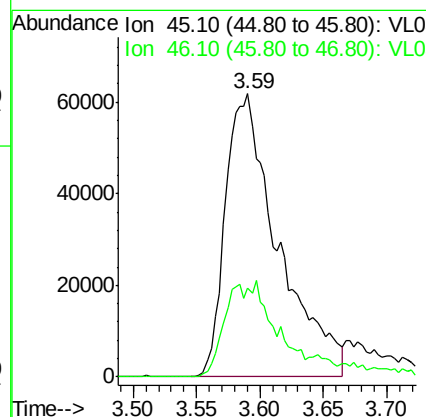
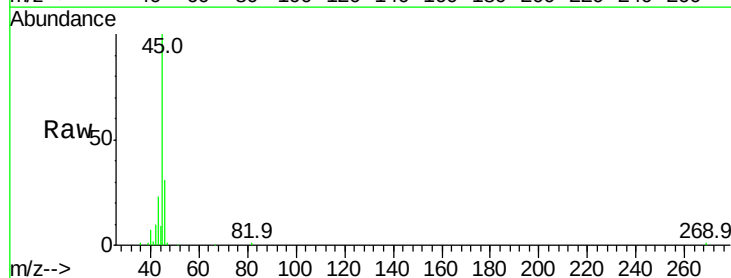
Acq: 14 Dec 2021 17:26

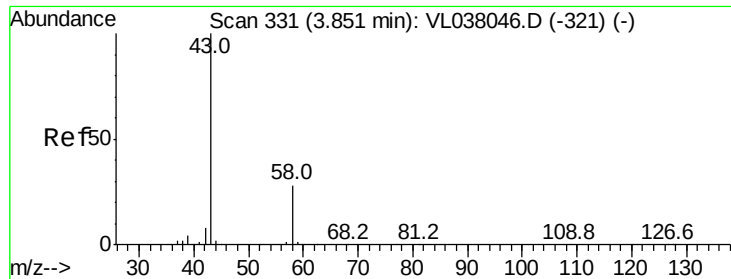
Tgt Ion: 45 Resp: 178961

Ion Ratio Lower Upper

45 100

46 40.4 17.6 70.2





#15

Acetone

Concen: 0.389 ppbv m

RT: 3.84 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Dec 2021 17:20

Tot Ion:

Ion Ratio

43 100

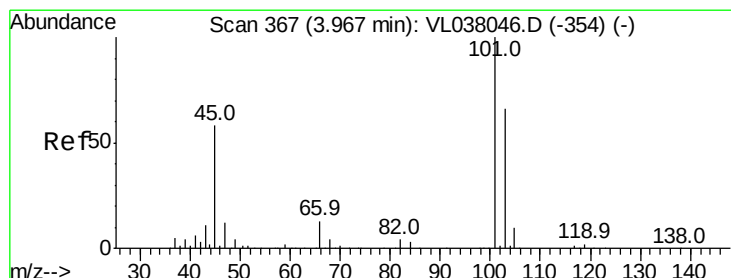
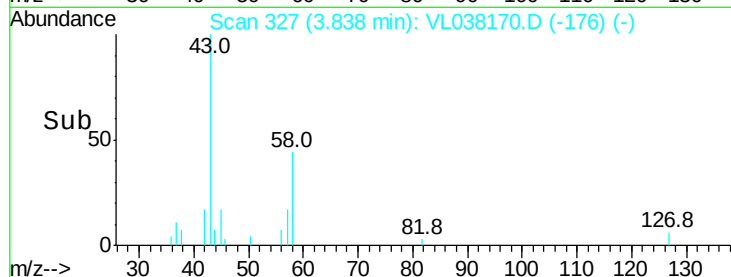
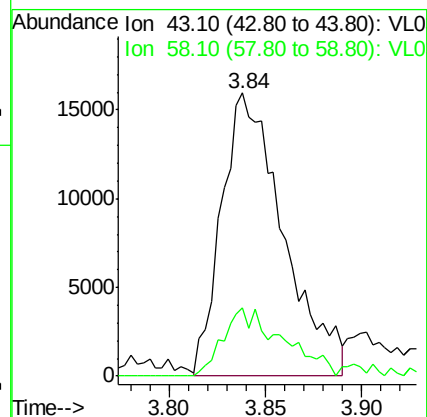
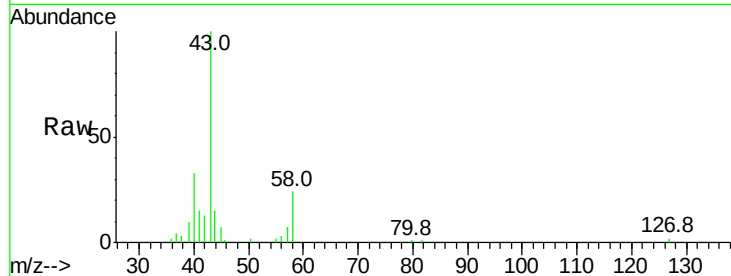
58 25.

Manual Integrations

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#19

Isopropyl Alcohol

Concen: 0.361 ppbv m

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VL038170.D

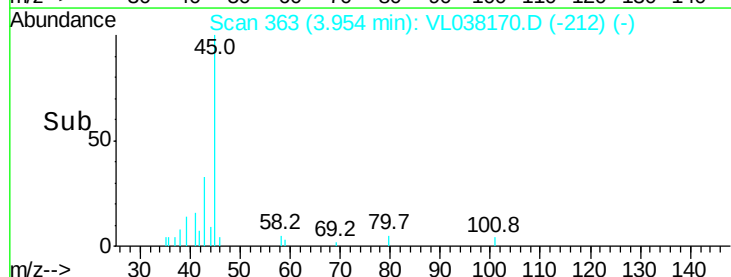
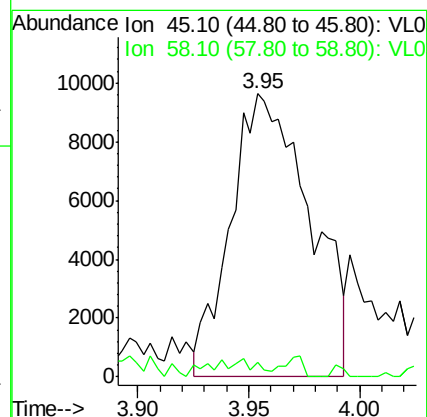
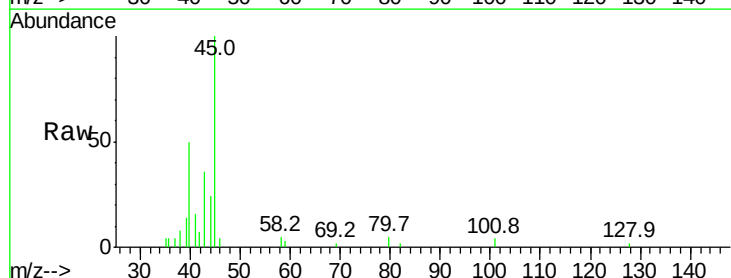
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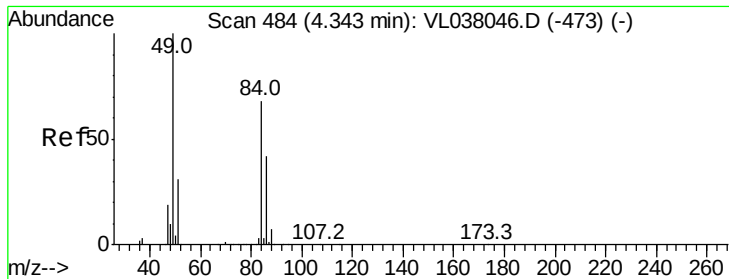
Tgt Ion: 45 Resp: 23898

Ion Ratio Lower Upper

45 100

58 5.3 1.4 2.0#



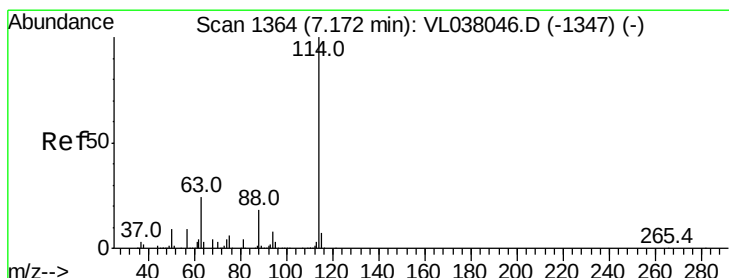
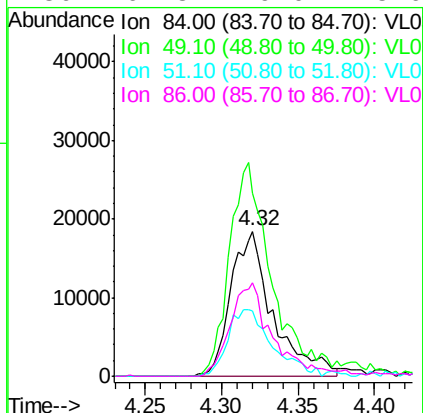
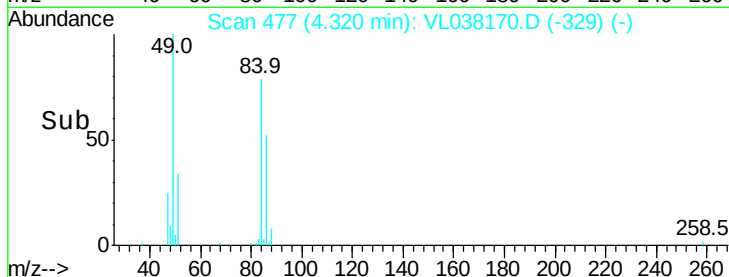
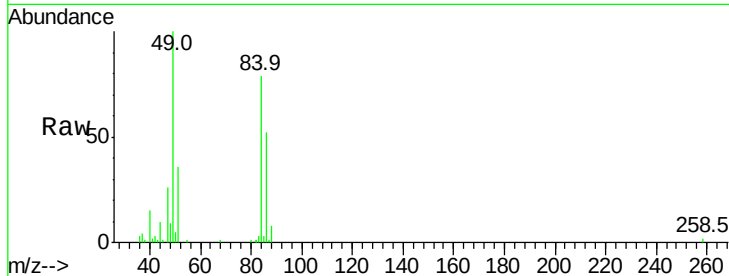


#20
Methylene Chloride
Concen: 0.684 ppbv m
RT: 4.32
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Dec 2021 17:26

Tot Ion:
Ion Ratio
84 100
49 125.
51 45.
86 64.8 49.0 73.6

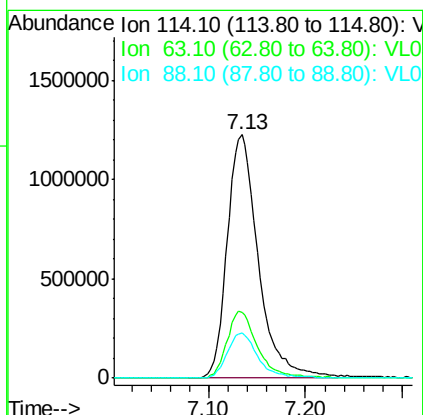
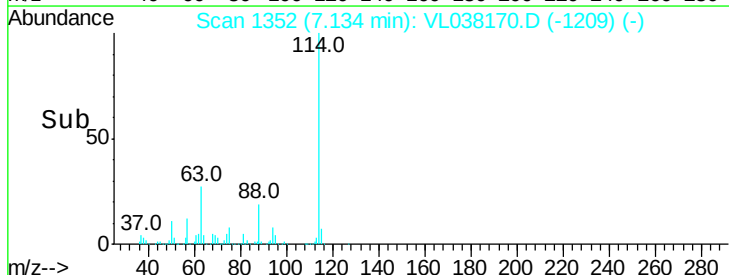
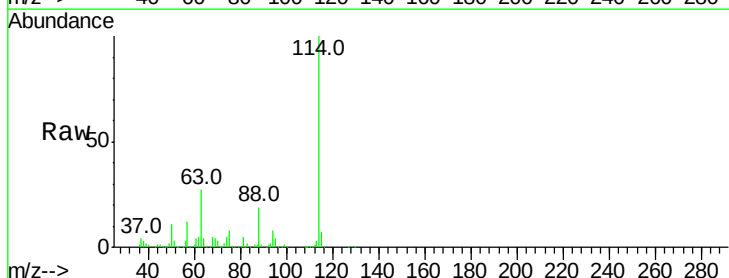
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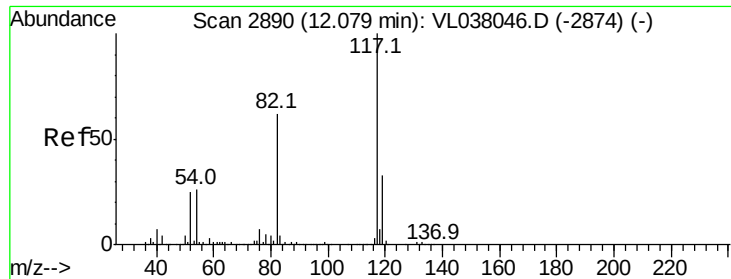
Reviewed By :Amit Patel 12/15/2021
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.04 min
Lab File: VL038170.D
Acq: 14 Dec 2021 17:26

Tgt Ion:114 Resp: 2751405
Ion Ratio Lower Upper
114 100
63 27.3 19.7 29.5
88 18.6 14.4 21.6



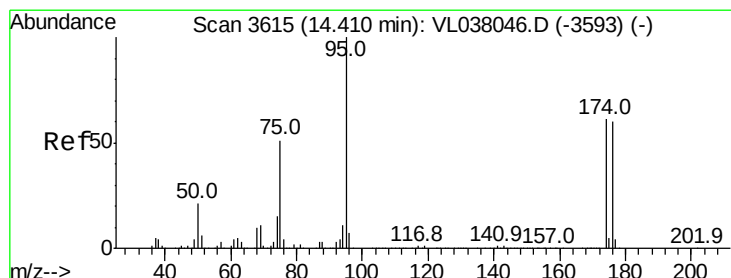
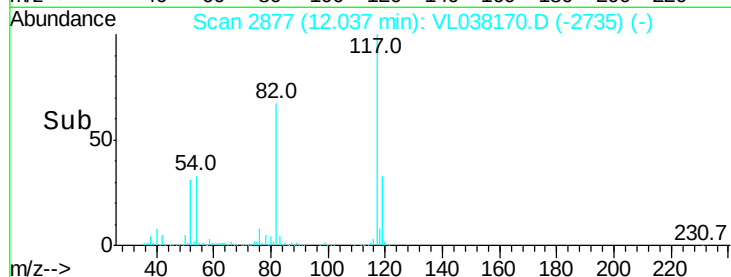
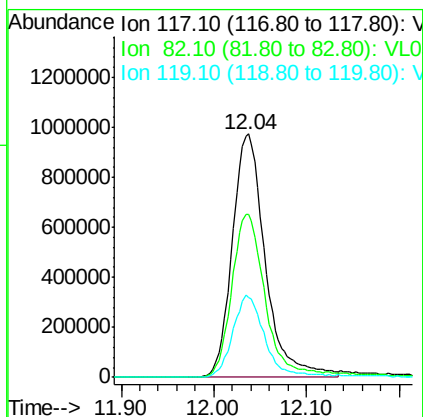
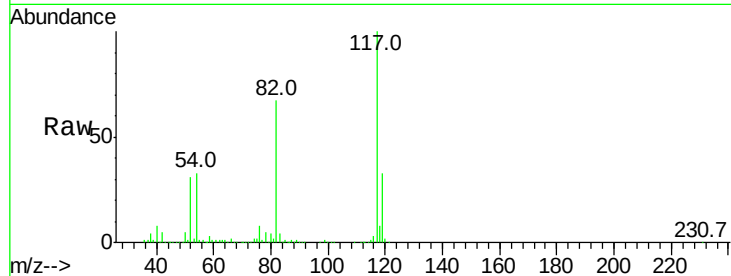


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Dec 2021 17:20

Tot Ion: 1
Ion Ratio
117 100
82 70.1
119 33.1

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.825 ppbv
RT: 14.37 min Scan# 3601
Delta R.T.: -0.05 min
Lab File: VL038170.D
Acq: 14 Dec 2021 17:26

Tgt Ion: 95 Resp: 1885052
Ion Ratio Lower Upper
95 100
174 61.5 53.1 79.7
175 4.1 4.0 6.0

