

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
 Data File : VL038193.D
 Acq On : 16 Dec 2021 17:30
 Operator : SY/AP
 Sample : M5117-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021

Quant Time: Dec 17 06:22:24 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	5.67	49	1045830	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2657174	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2312100	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1777232	10.66	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.64	45	9910m	1.268	ppbv	
15) Acetone	3.87	43	54387m	0.600	ppbv	
20) Methylene Chloride	4.35	84	70382	1.386	ppbv	98
26) Hexane	5.69	57	58203	0.401	ppbv #	43

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

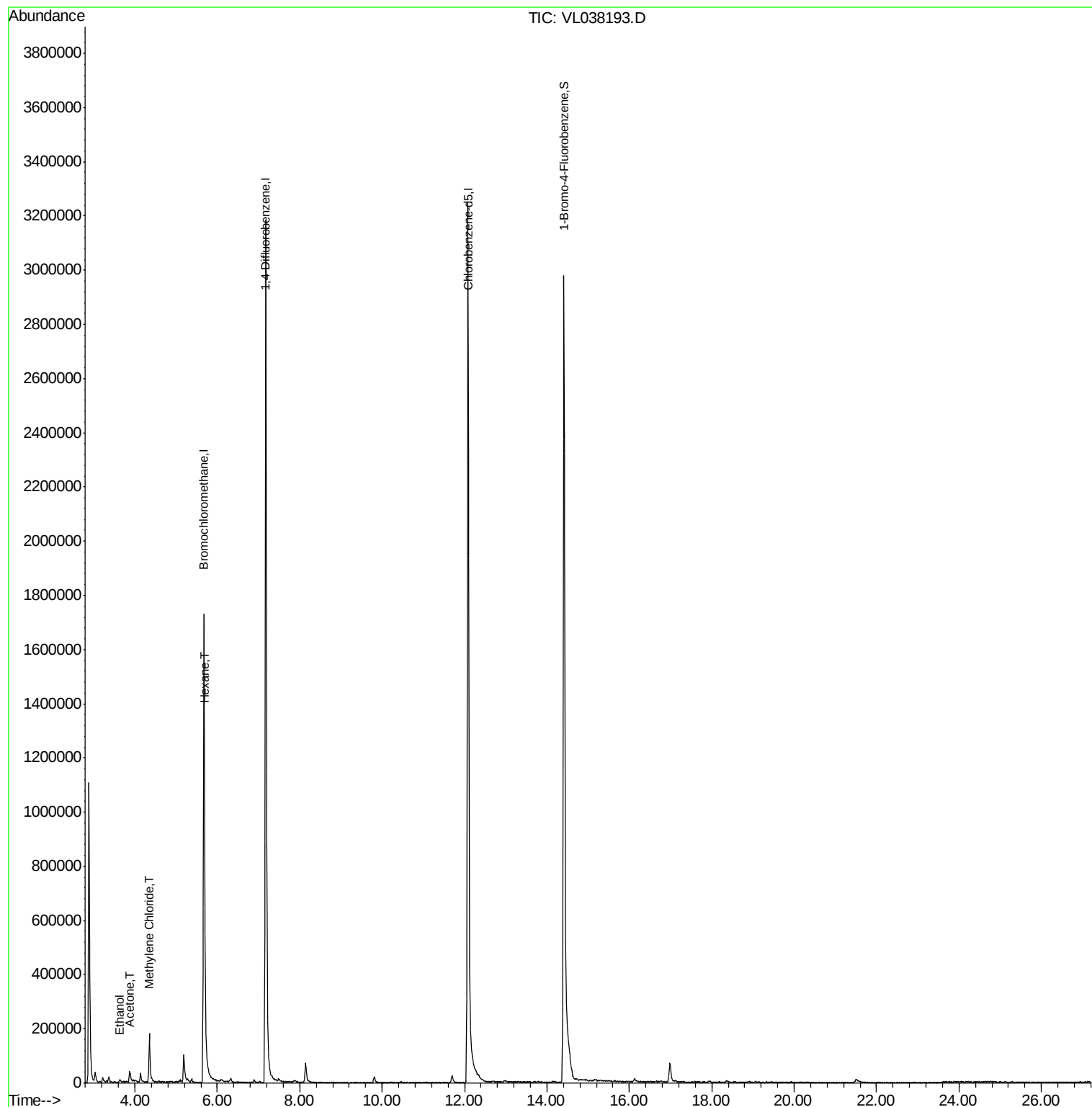
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121621\
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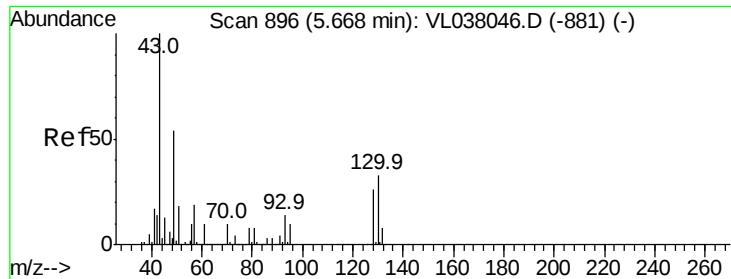
Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Quant Time: Dec 17 06:22:24 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Dec 2021 17:30

Tot Ion:

Ion Ratio

49 100

128 47.

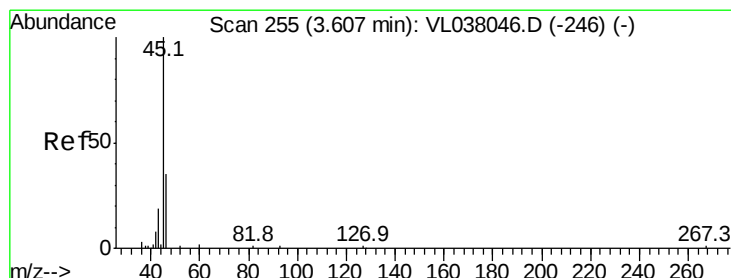
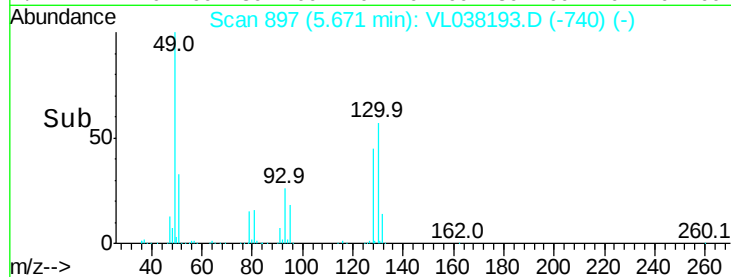
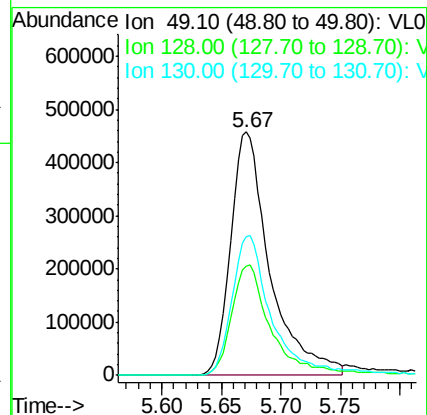
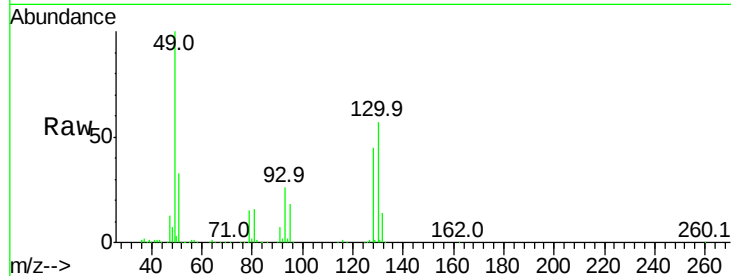
130 59.

Manual Integrations

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#13

Ethanol

Concen: 1.268 ppbv m

RT: 3.64 min Scan# 264

Delta R.T. 0.03 min

Lab File: VL038193.D

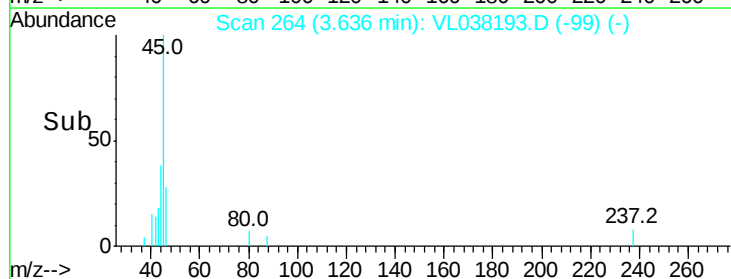
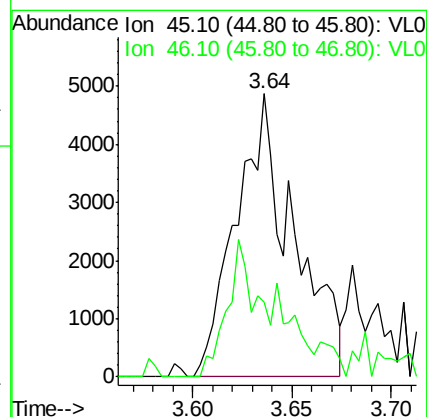
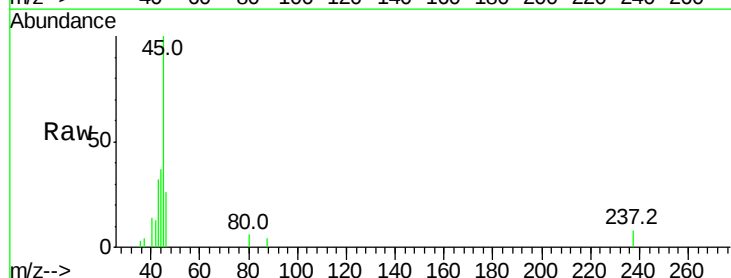
Acq: 16 Dec 2021 17:30

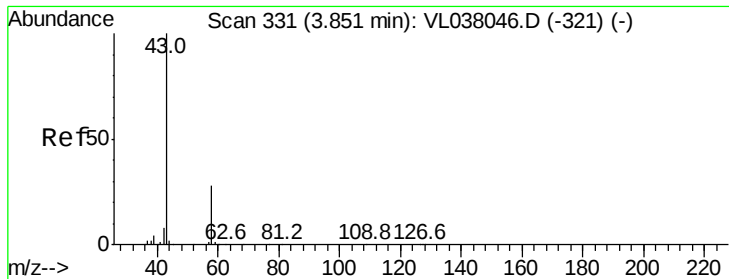
Tgt Ion: 45 Resp: 9910

Ion Ratio Lower Upper

45 100

46 40.9 17.6 70.2





#15

Acetone

Concen: 0.600 ppbv m

RT: 3.87

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 17:30

Tot Ion:

Ion Ratio

43 100

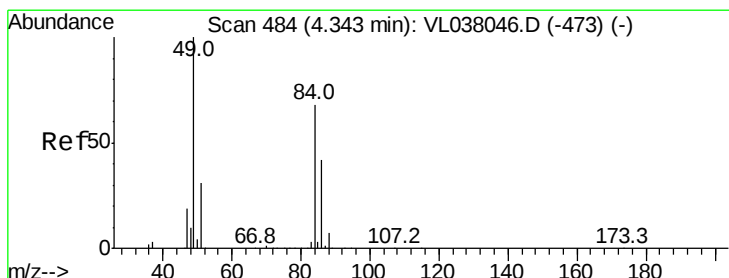
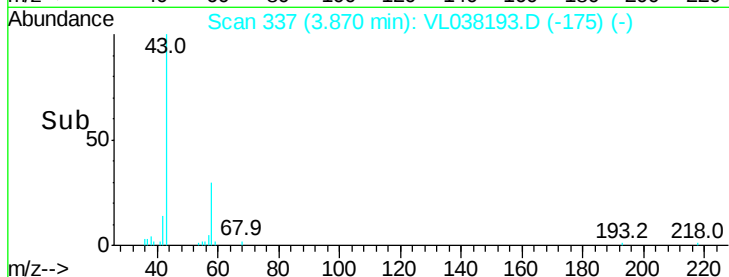
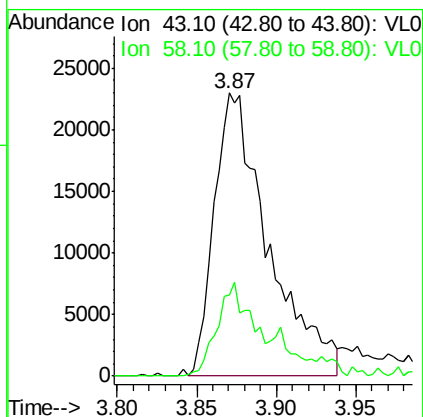
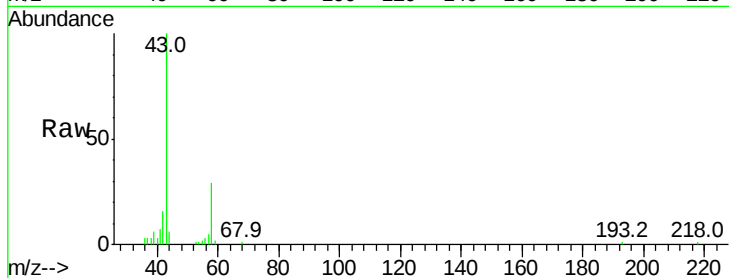
58 31.

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#20

Methylene Chloride

Concen: 1.386 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL038193.D

Acq: 16 Dec 2021 17:30

Tgt Ion: 84 Resp: 70382

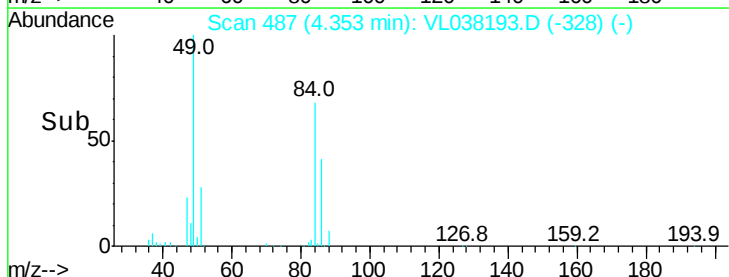
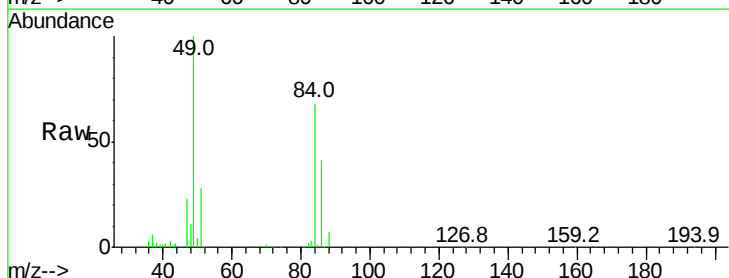
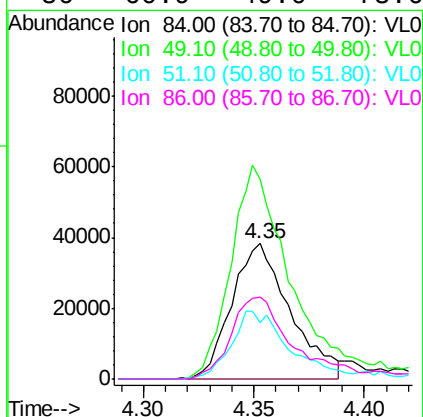
Ion Ratio Lower Upper

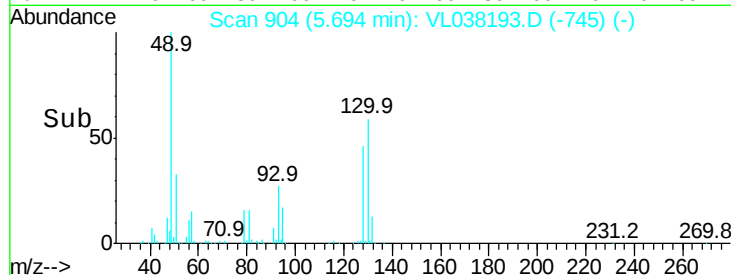
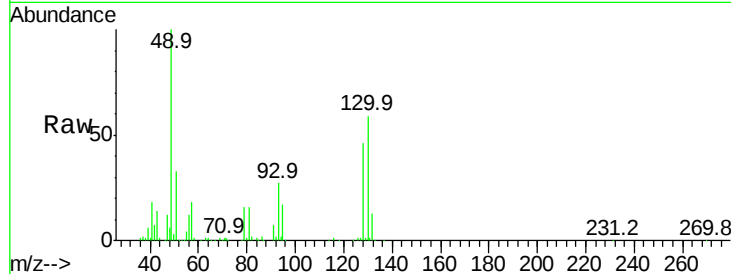
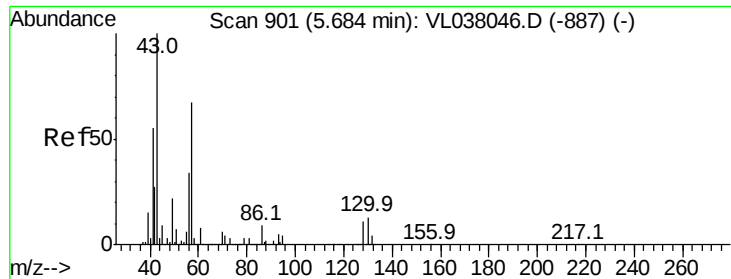
84 100

49 146.5 118.2 177.2

51 41.1 36.8 55.2

86 60.9 49.0 73.6



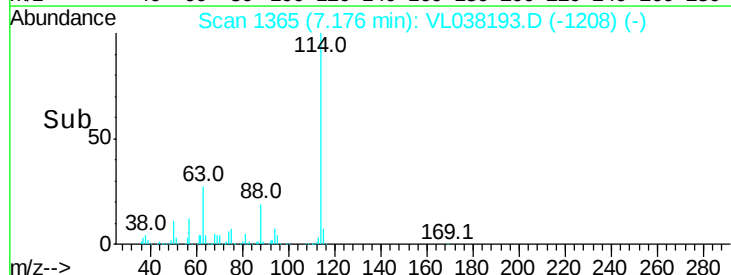
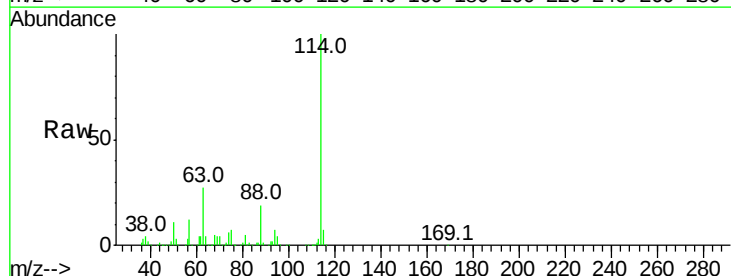
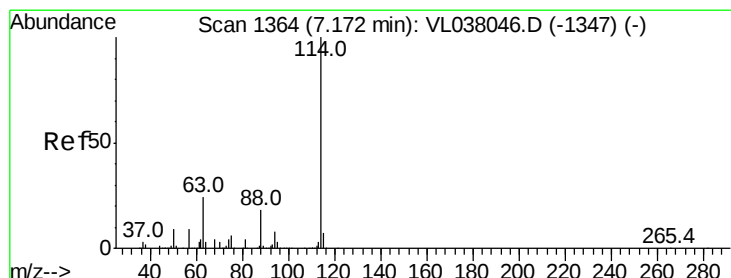
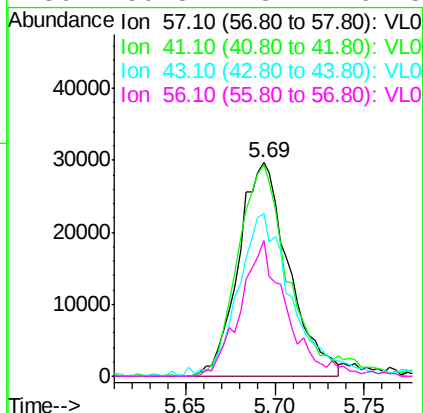


#26
Hexane
Concen: 0.401 ppbv
RT: 5.69
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Dec 2021 17:30

Tot Ion: 57.10 (56.80 to 57.80): VL0
Ion Ratio: 41.10 (40.80 to 41.80): VL0
57 100
41 104.
43 81.
56 59.8 43.2 64.8

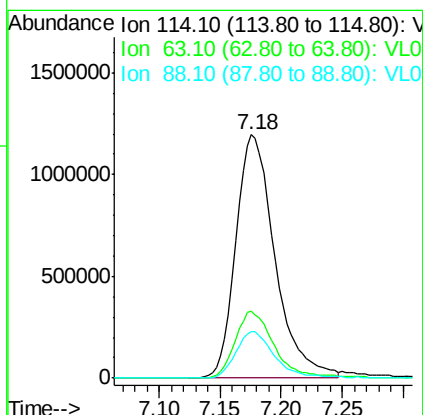
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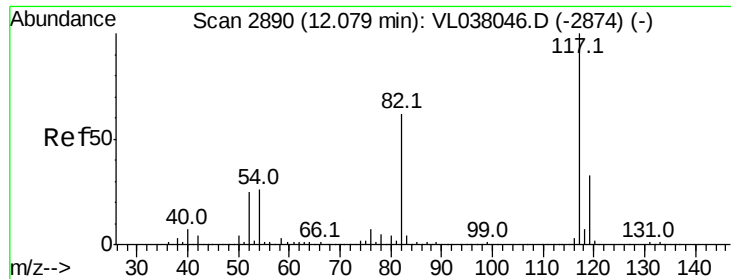
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T.: 0.00 min
Lab File: VL038193.D
Acq: 16 Dec 2021 17:30

Tgt Ion:114 Resp: 2657174
Ion Ratio Lower Upper
114 100
63 28.0 19.7 29.5
88 19.3 14.4 21.6



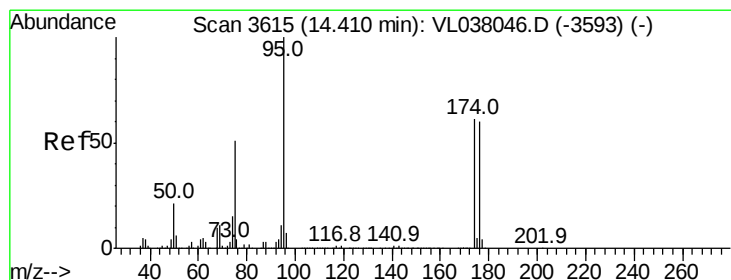
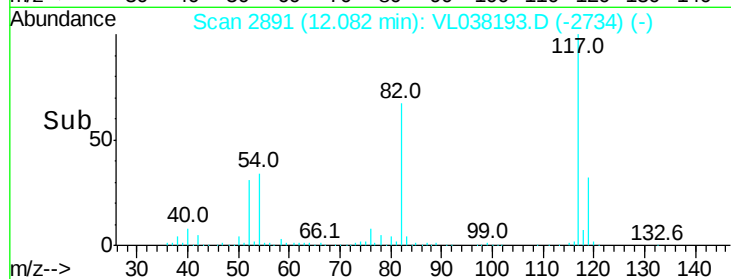
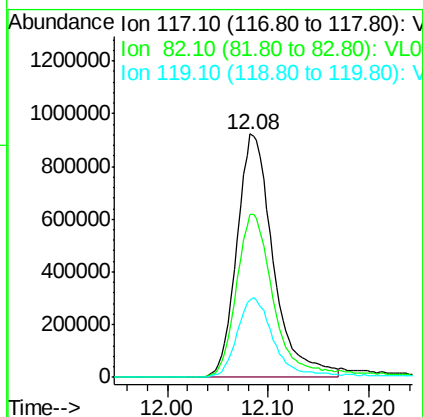
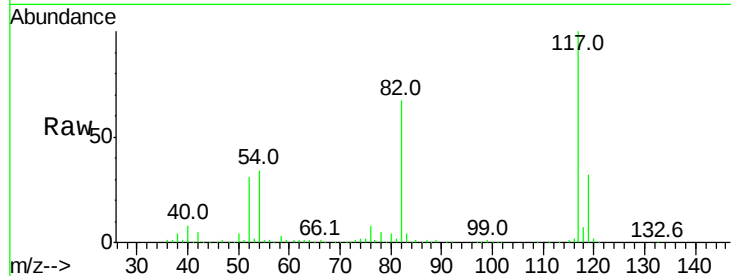


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 16 Dec 2021 17:30

Tot Ion: 1
Ion Ratio
117 100
82 72.
119 34.

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Supervised By :Mahesh Dadoda 12/20/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 10.656 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.00 min
Lab File: VL038193.D
Acq: 16 Dec 2021 17:30

Tgt Ion: 95 Resp: 1777232
Ion Ratio Lower Upper
95 100
174 63.0 53.1 79.7
175 4.6 4.0 6.0

