

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122121\
 Data File : VL038226.D
 Acq On : 21 Dec 2021 23:35
 Operator : SY/AP
 Sample : M5118-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021

Quant Time: Dec 22 08:46:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL122121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Dec 21 17:47:08 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	734101	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2090030	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	1799117	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1400766	10.10	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	9216	0.172	ppbv	89
13) Ethanol	3.65	45	21949m	2.417	ppbv	
15) Acetone	3.89	43	36687m	0.498	ppbv	
19) Isopropyl Alcohol	4.03	45	21496m	0.468	ppbv	
20) Methylene Chloride	4.36	84	41546	0.999	ppbv	94
26) Hexane	5.70	57	25821	0.258	ppbv #	46

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

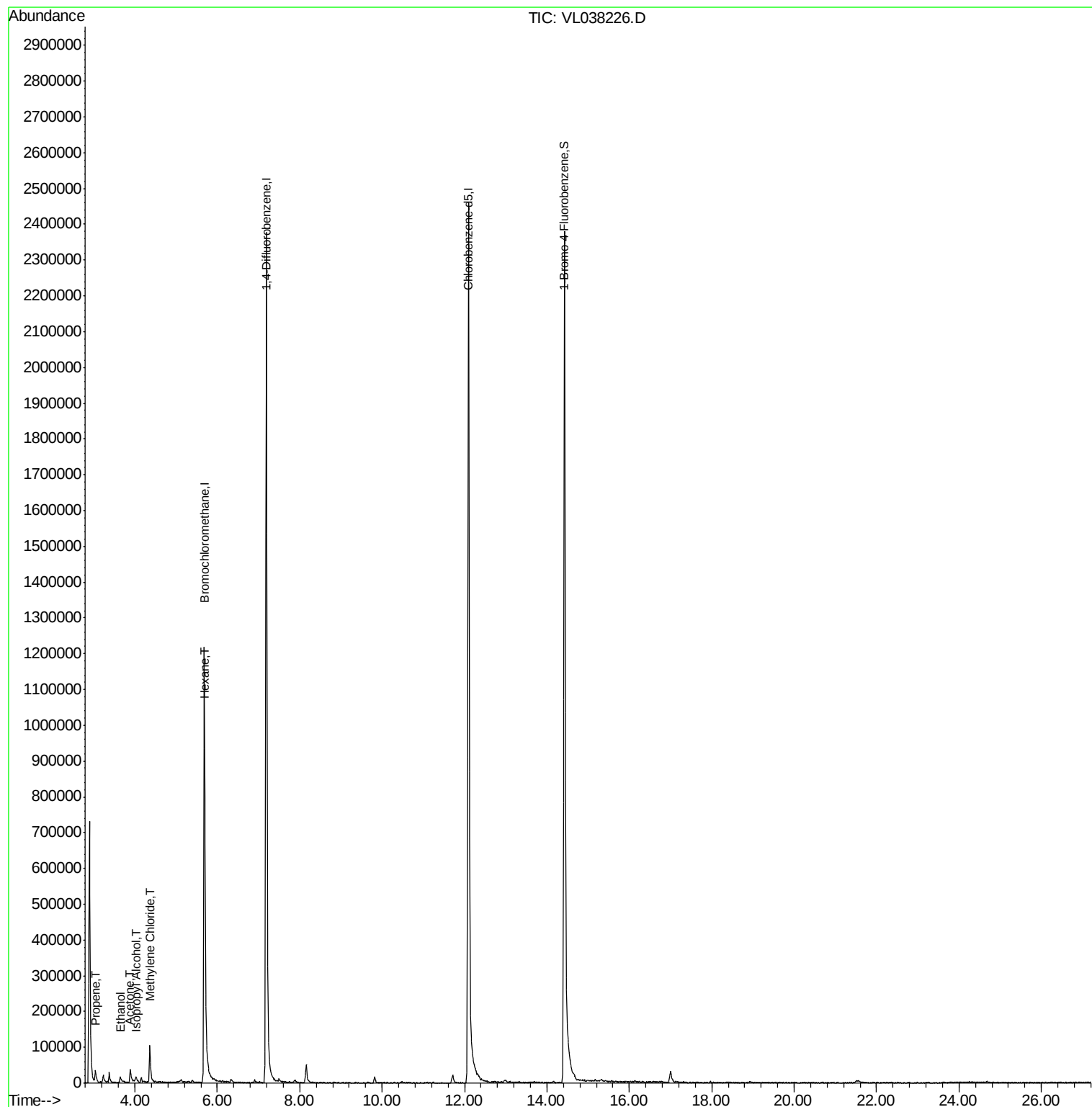
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL122121\
Data File : VL038226.D
Acq On : 21 Dec 2021 23:35
Operator : SY/AP
Sample : M5118-02DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

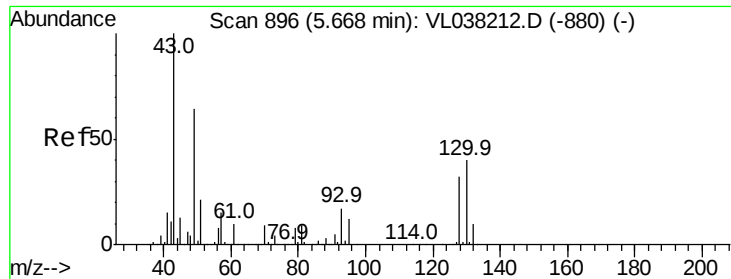
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Manual Integrations
APPROVED

Quant Time: Dec 22 08:46:07 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL122121
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Dec 21 17:47:08 2021
Response via : Initial Calibration

Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 23:35

Tot Ion:

Ion Ratio

49 100

128 49.

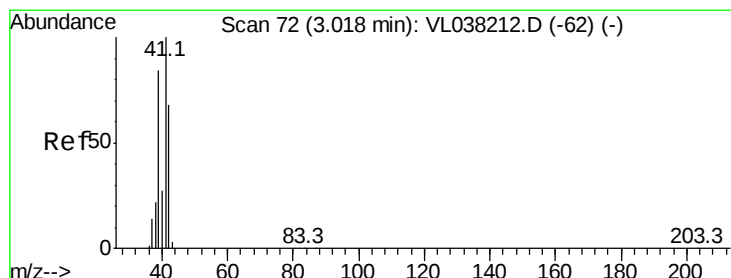
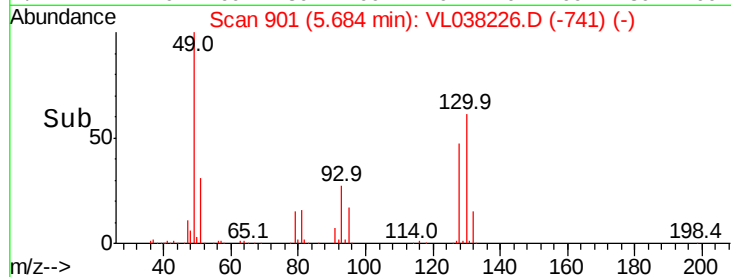
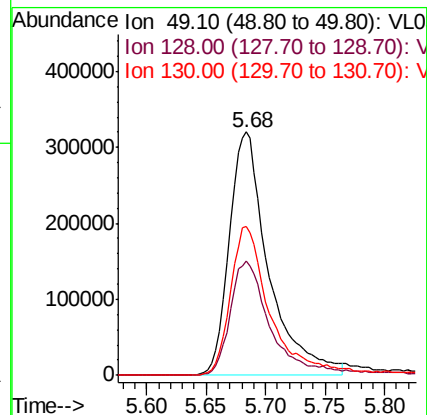
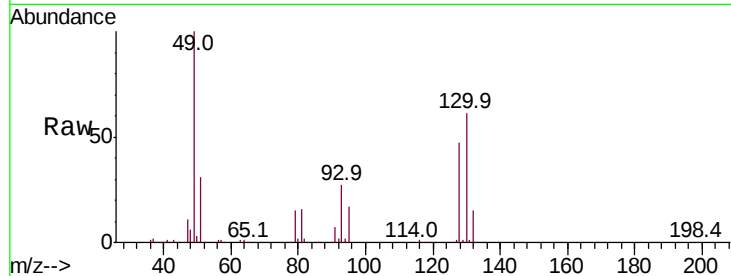
130 63.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#9

Propene

Concen: 0.172 ppbv

RT: 3.04 min Scan# 79

Delta R.T. 0.02 min

Lab File: VL038226.D

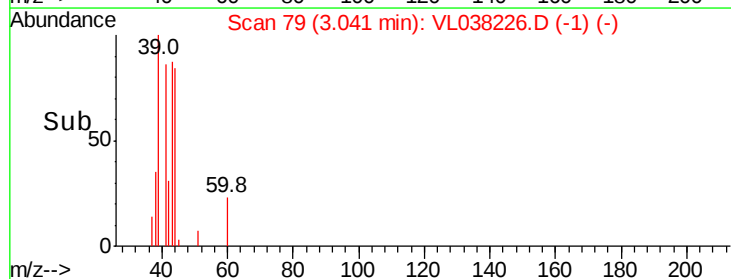
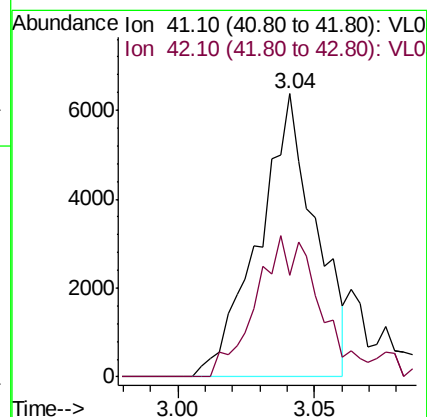
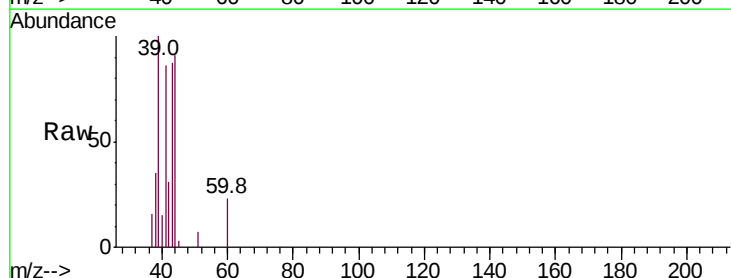
Acq: 21 Dec 2021 23:35

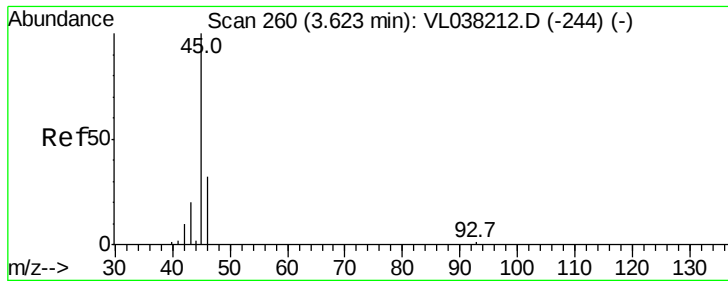
Tgt Ion: 41 Resp: 9216

Ion Ratio Lower Upper

41 100

42 60.7 55.5 83.3





#13

Ethanol

Concen: 2.417 ppbv m

RT: 3.65 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 23:35

Tot Ion:

Ion Ratio

45 100

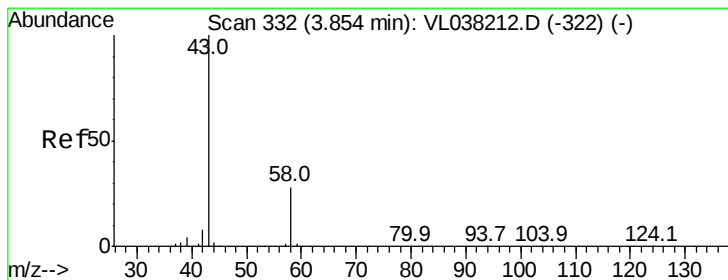
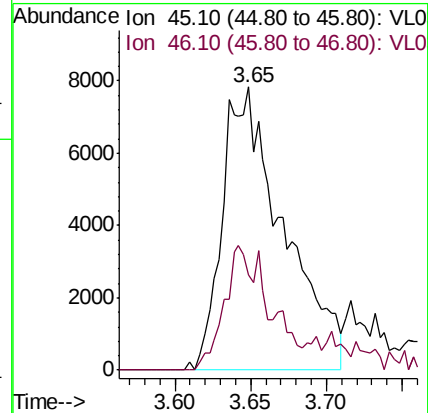
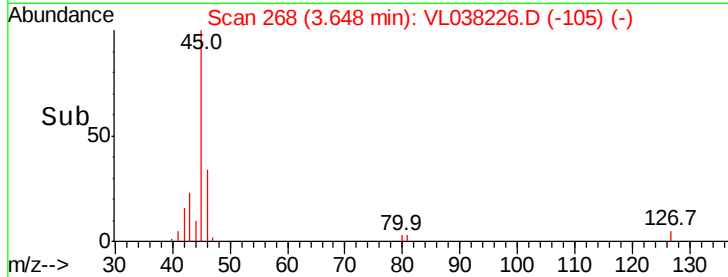
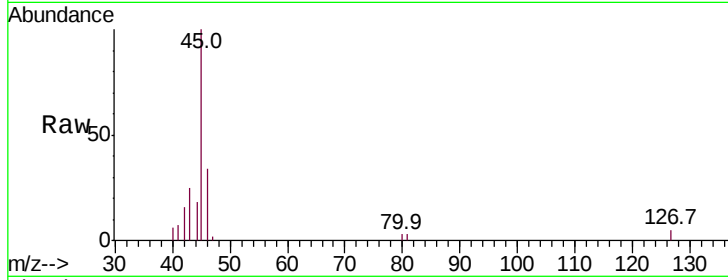
46 0.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#15

Acetone

Concen: 0.498 ppbv m

RT: 3.89 min Scan# 342

Delta R.T. 0.03 min

Lab File: VL038226.D

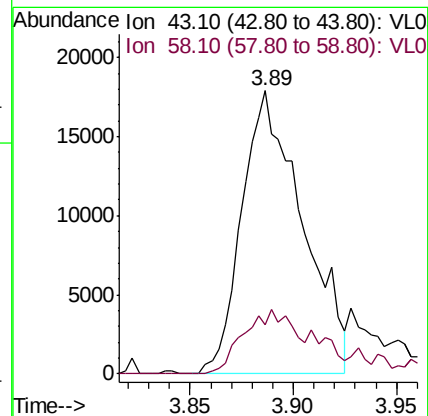
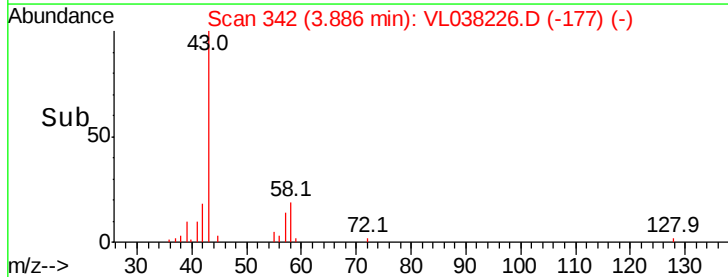
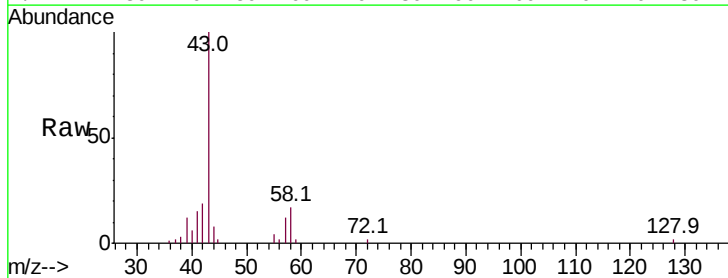
Acq: 21 Dec 2021 23:35

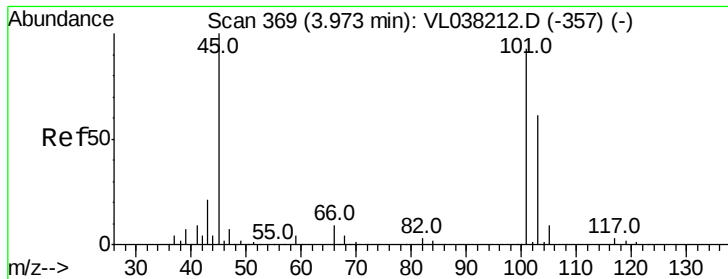
Tgt Ion: 43 Resp: 36687

Ion Ratio Lower Upper

43 100

58 31.1 23.3 34.9





#19

Isopropyl Alcohol

Concen: 0.468 ppbv m

RT: 4.03 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 23:35

Tot Ion:

Ion Ratio

45 100

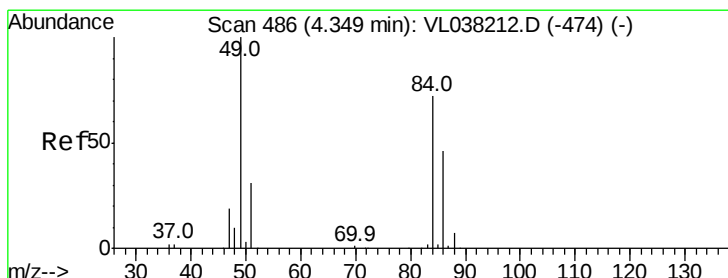
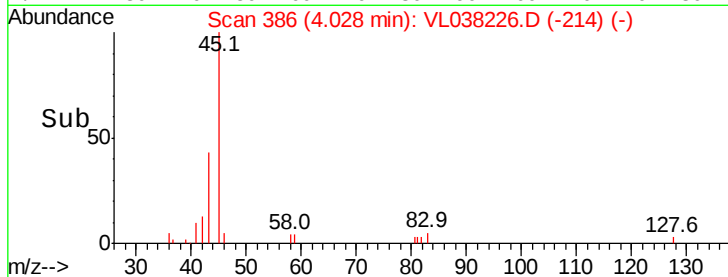
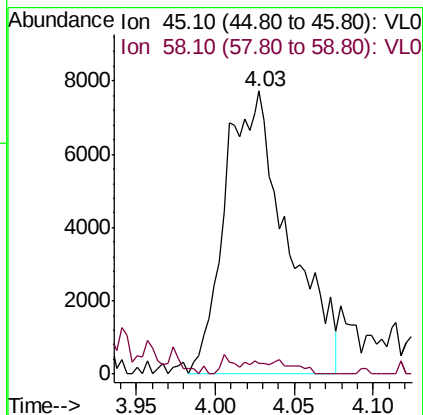
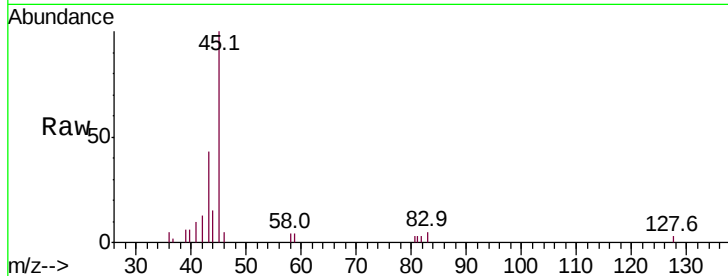
58 4.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#20

Methylene Chloride

Concen: 0.999 ppbv

RT: 4.36 min Scan# 490

Delta R.T. 0.01 min

Lab File: VL038226.D

Acq: 21 Dec 2021 23:35

Tgt Ion: 84 Resp: 41546

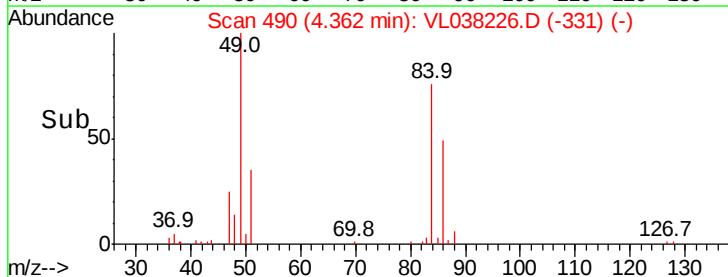
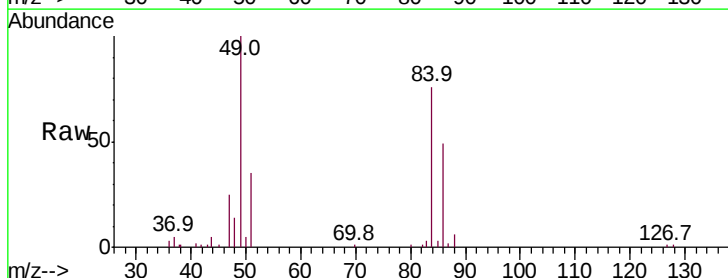
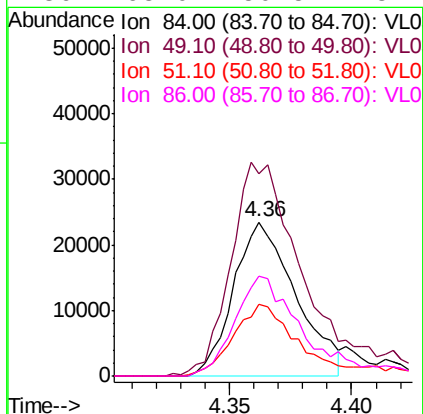
Ion Ratio Lower Upper

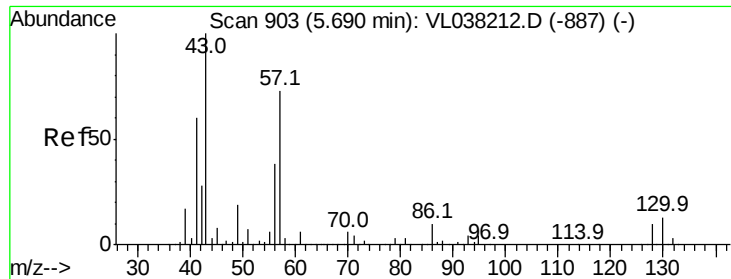
84 100

49 128.2 110.6 166.0

51 45.3 34.2 51.2

86 65.0 50.5 75.7

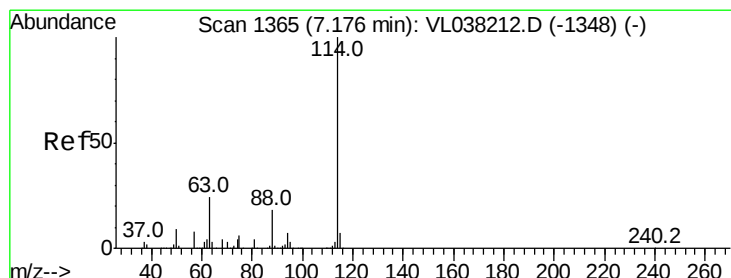
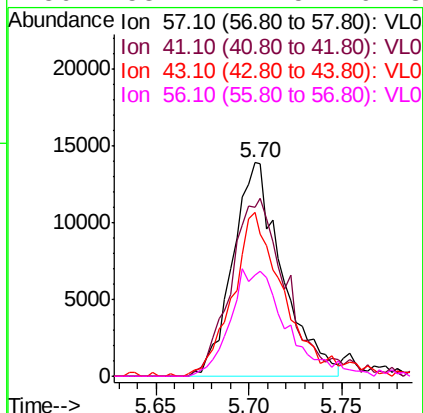
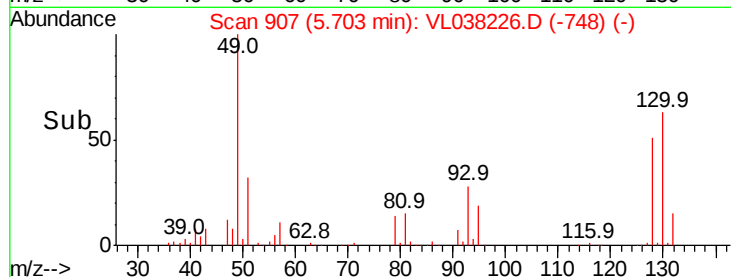
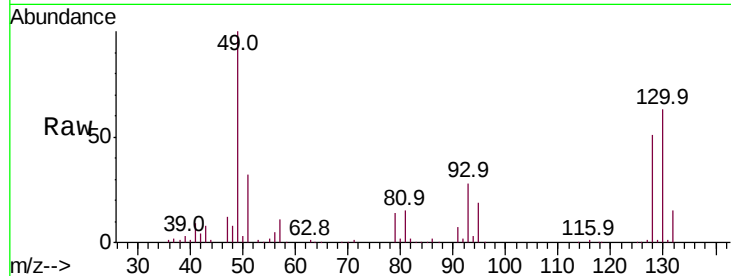




#26
Hexane
Concen: 0.258 ppbv
RT: 5.70
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Dec 2021 23:35

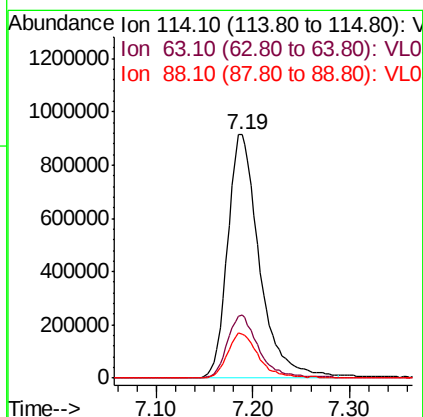
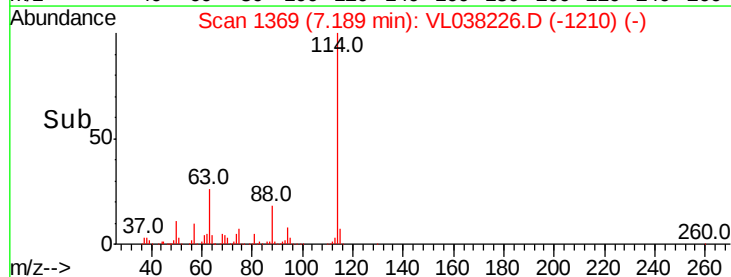
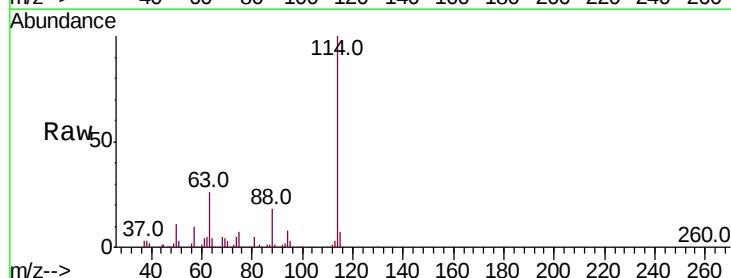
Tot Ion: Manual Integrations
Ion Ratio APPROVED
57 100
41 96.
43 83.
56 58.4 41.5 62.3

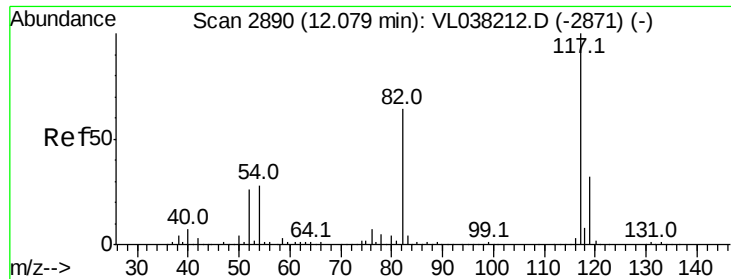
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VL038226.D
Acq: 21 Dec 2021 23:35

Tgt Ion:114 Resp: 2090030
Ion Ratio Lower Upper
114 100
63 25.9 19.7 29.5
88 18.4 14.3 21.5



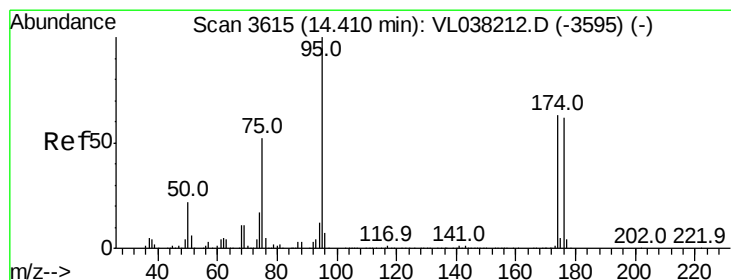
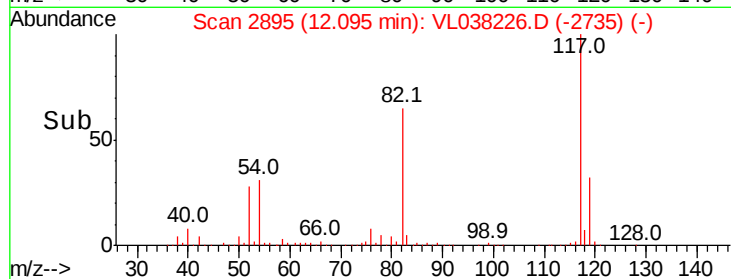
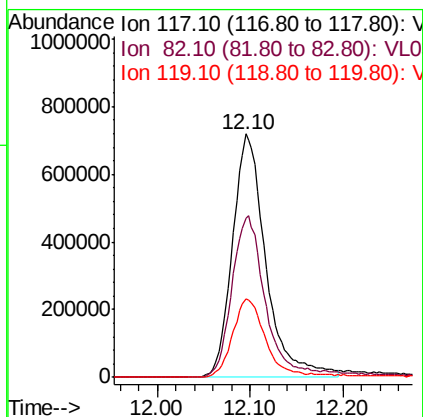
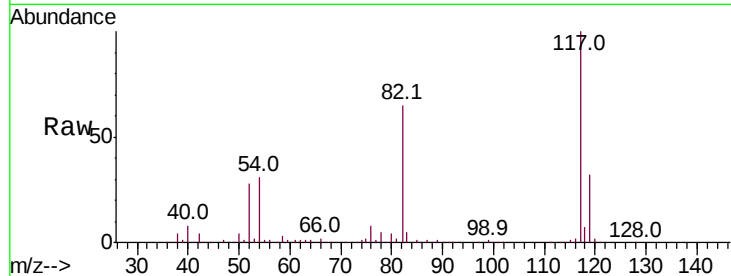


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 23:35

Tot Ion: 1
Ion Ratio
117 100
82 69.
119 33.

Manual Integrations
APPROVED

Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 10.104 ppbv
RT: 14.43 min Scan# 3620
Delta R.T.: 0.02 min
Lab File: VL038226.D
Acq: 21 Dec 2021 23:35

Tgt Ion: 95 Resp: 1400766
Ion Ratio Lower Upper
95 100
174 63.4 54.6 81.8
175 4.6 4.1 6.1

