

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
 Data File : VL038758.D
 Acq On : 24 Mar 2022 21:36
 Operator : SY/AP
 Sample : N2078-02DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V-10DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 02:33:45 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	808937	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2090152	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	1766367	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1283693	9.48	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.06	85	10331	0.10	ppbv	99
9) Propene	3.04	41	7777	0.19	ppbv	87
13) Ethanol	3.62	45	22071m	4.85	ppbv	
15) Acetone	3.87	43	85840	1.23	ppbv	95
20) Methylene Chloride	4.36	84	44791	1.52	ppbv	98
26) Hexane	5.71	57	26704m	0.34	ppbv	

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

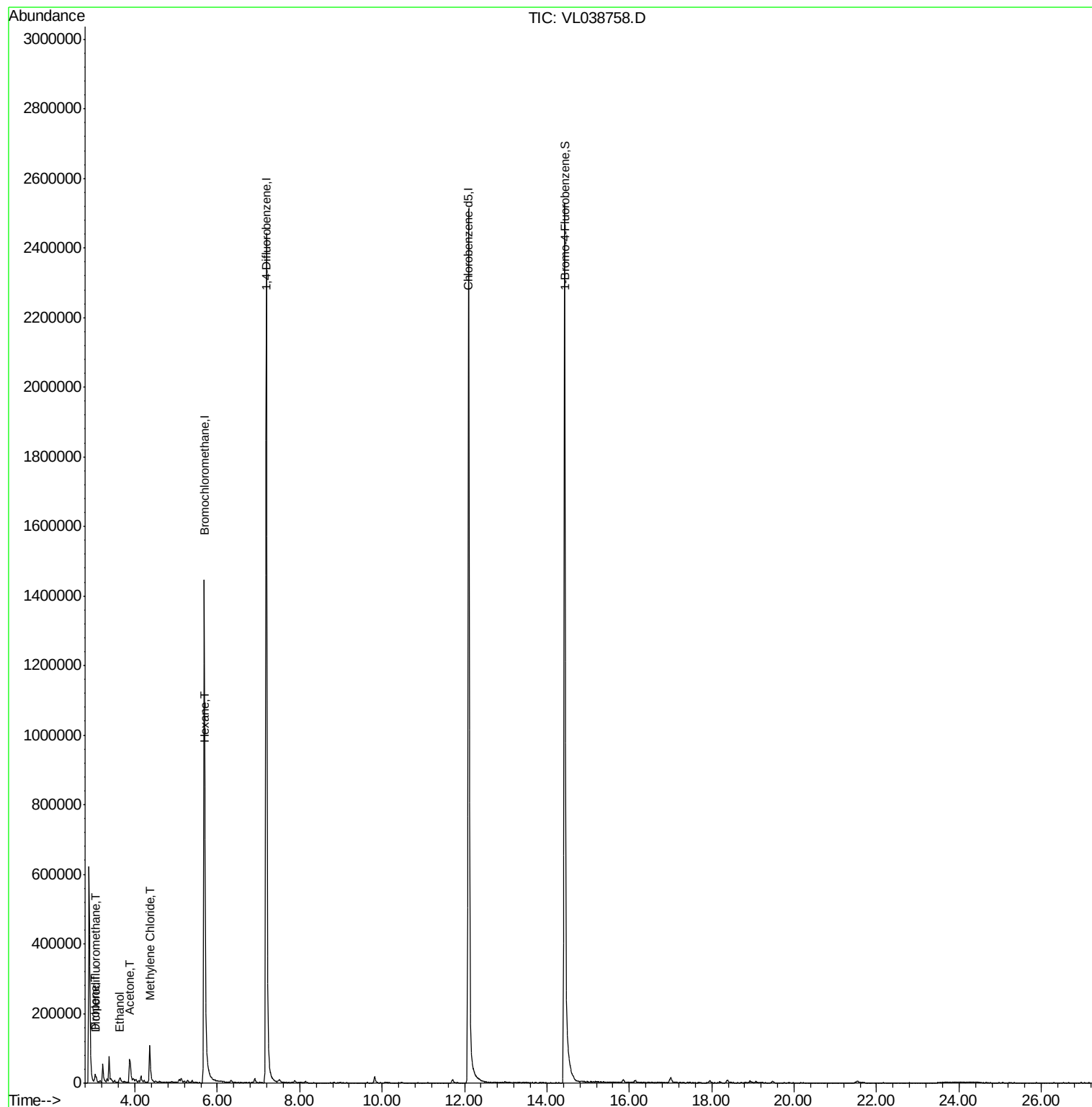
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
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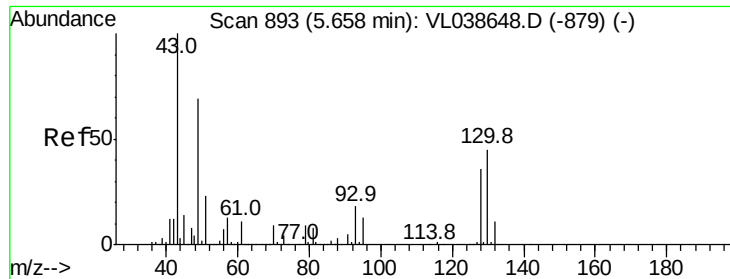
Instrument :
MSVOA_L
ClientSampleId :
V-10DL

Manual Integrations
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Quant Time: Mar 25 02:33:45 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL032122
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 21:30 V-10DL

Tgt Ion:

Ion Ratio

49 100

128 53.

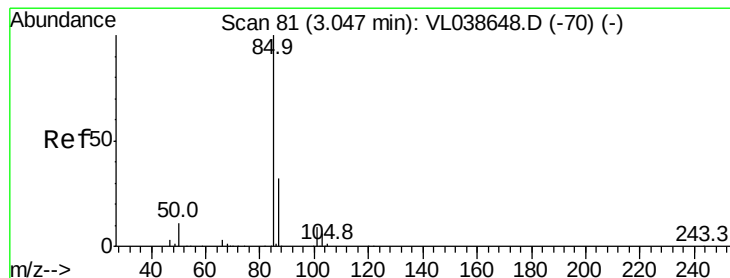
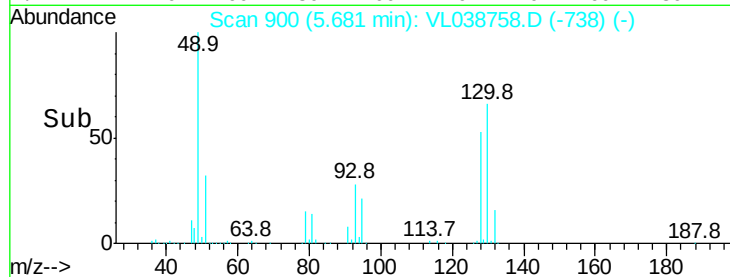
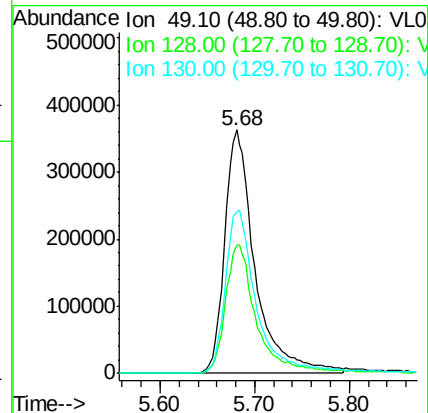
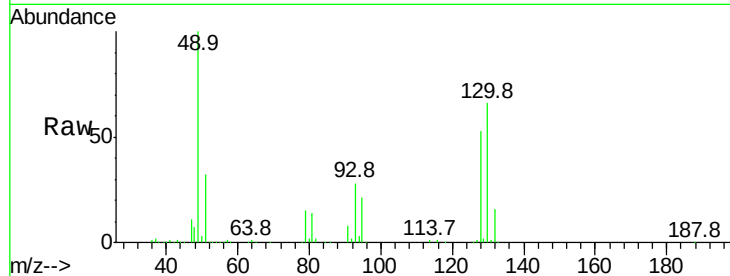
130 70.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/28/2022



#2

Dichlorodifluoromethane

Concen: 0.10 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.02 min

Lab File: VL038758.D

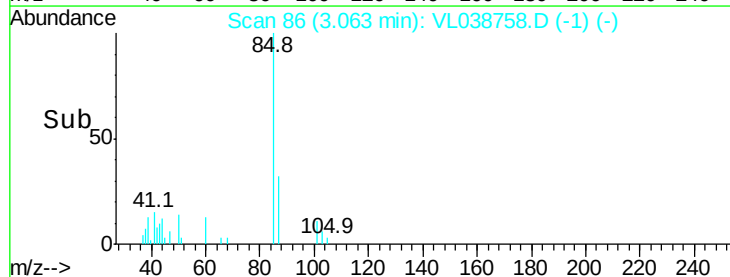
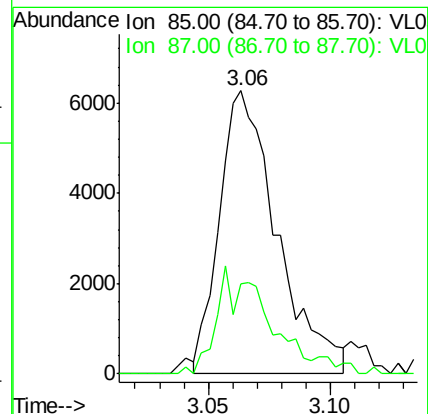
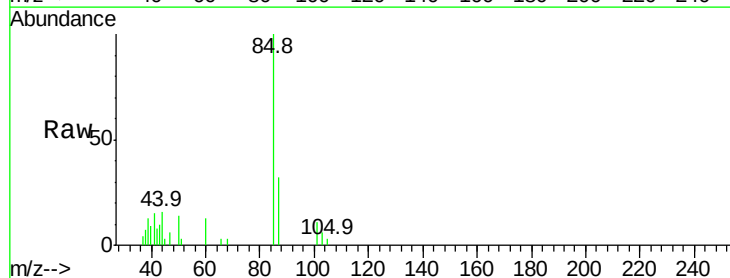
Acq: 24 Mar 2022 21:36

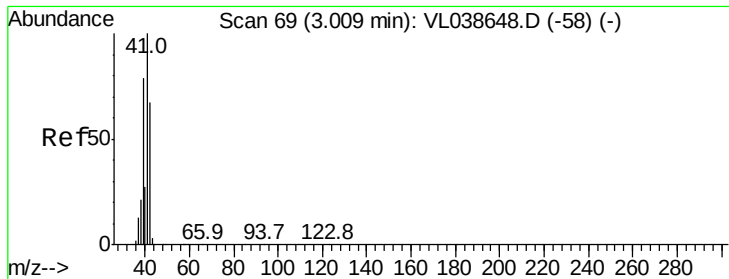
Tgt Ion: 85 Resp: 10331

Ion Ratio Lower Upper

85 100

87 33.3 26.0 39.0





#9

Propene

Concen: 0.19 ppbv

RT: 3.04 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 21:30 V-10DL

Tgt Ion:

Ion Ratio

41 100

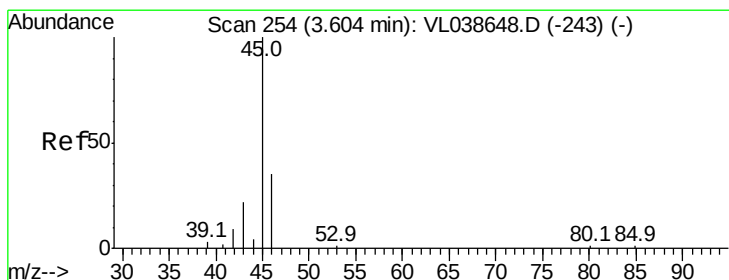
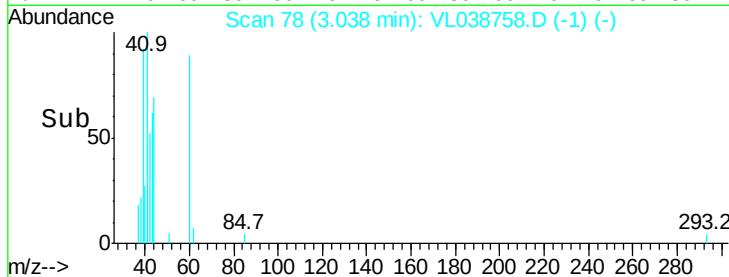
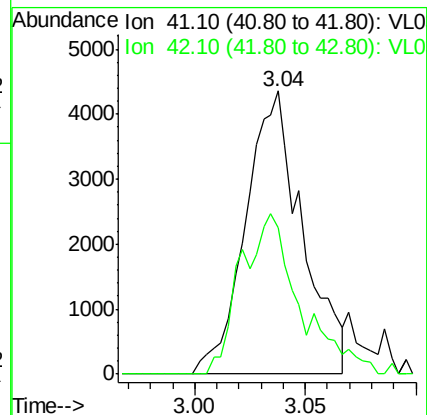
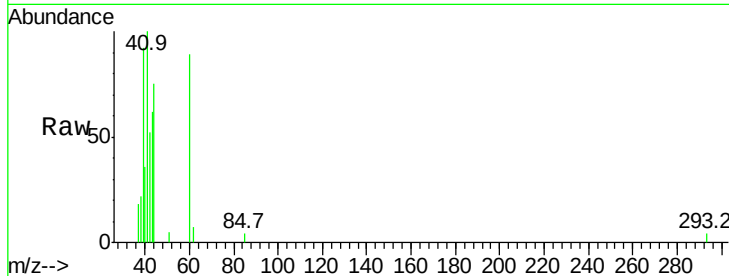
42 59.

Manual Integrations

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#13

Ethanol

Concen: 4.85 ppbv m

RT: 3.62 min Scan# 260

Delta R.T. 0.02 min

Lab File: VL038758.D

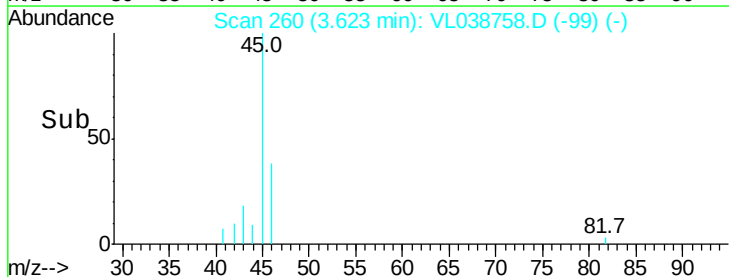
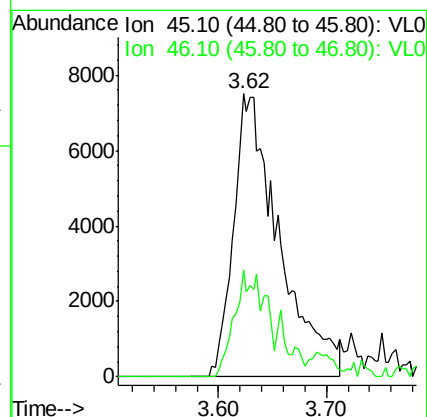
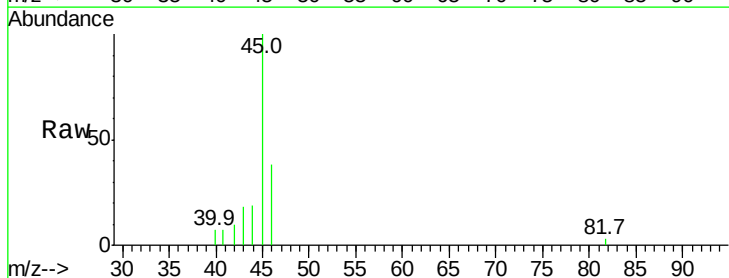
Acq: 24 Mar 2022 21:36

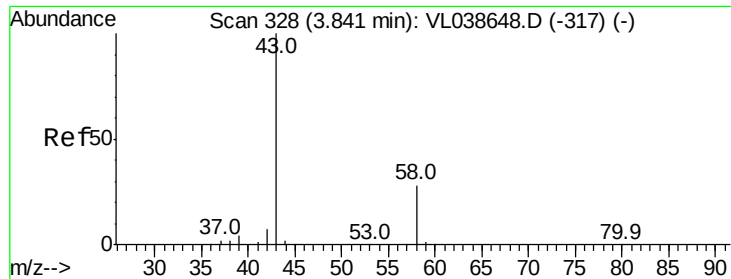
Tgt Ion: 45 Resp: 22071

Ion Ratio Lower Upper

45 100

46 36.1 15.1 60.5





#15

Acetone

Concen: 1.23 ppbv

RT: 3.87 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 21:30

Tgt Ion:

Ion Ratio

43 100

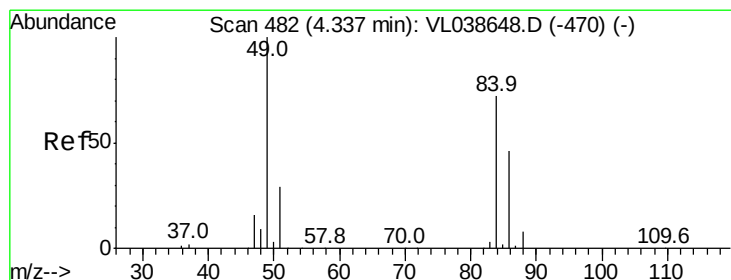
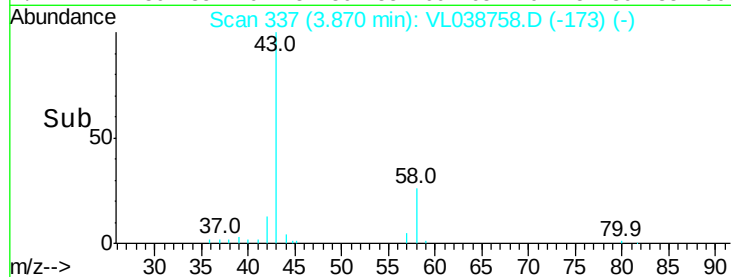
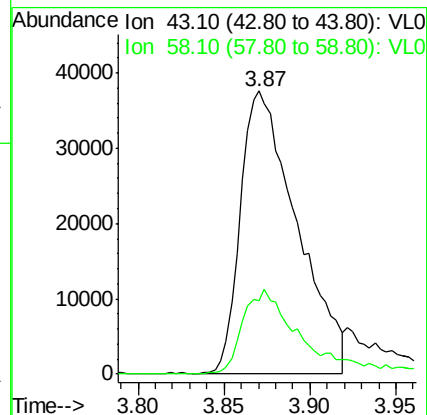
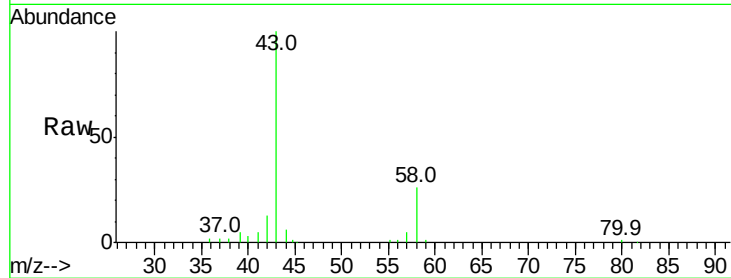
58 31.

Manual Integrations

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#20

Methylene Chloride

Concen: 1.52 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.02 min

Lab File: VL038758.D

Acq: 24 Mar 2022 21:36

Tgt Ion: 84 Resp: 44791

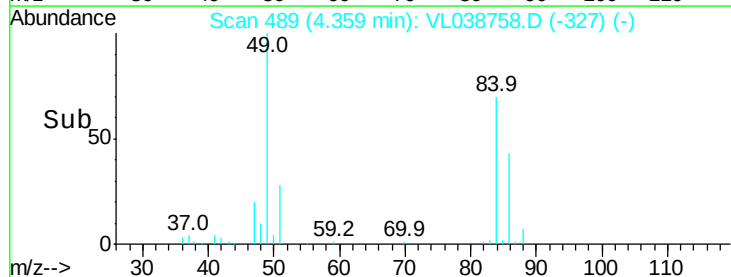
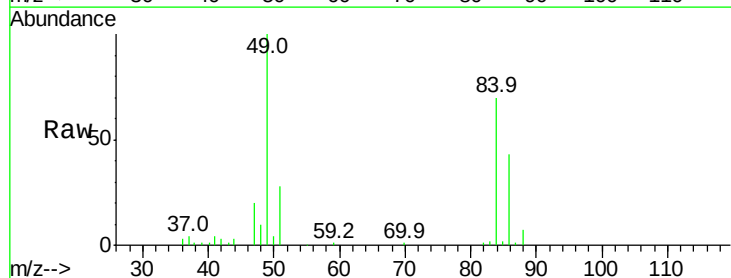
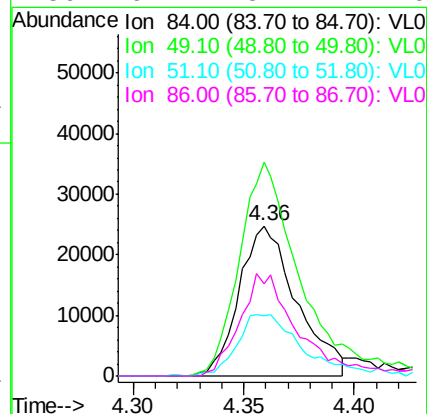
Ion Ratio Lower Upper

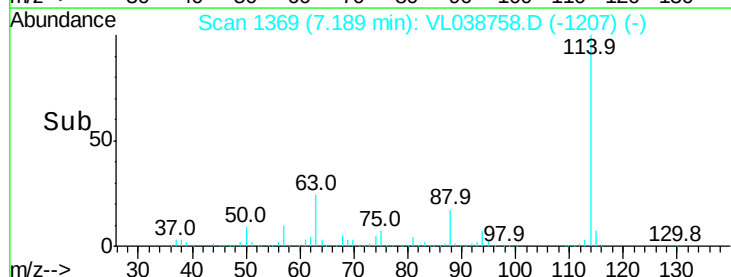
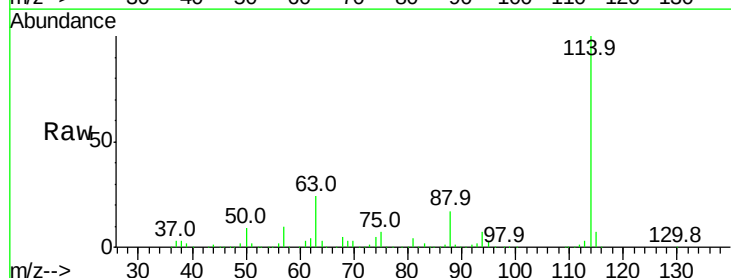
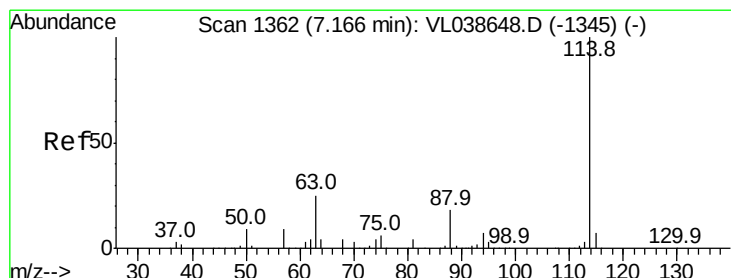
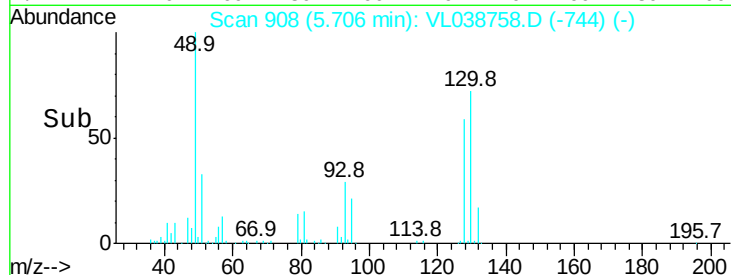
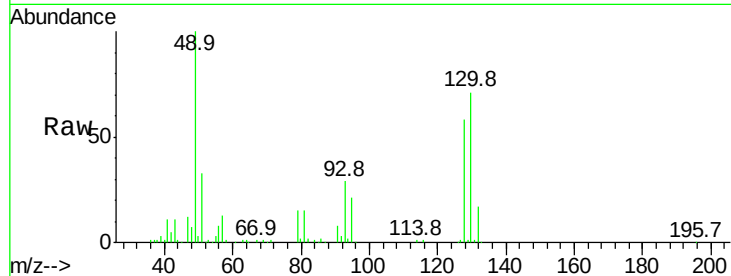
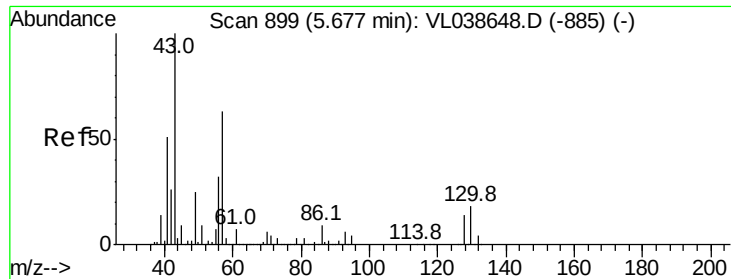
84 100

49 140.8 111.2 166.8

51 40.3 32.8 49.2

86 61.1 51.4 77.0





#26

Hexane

Concen: 0.34 ppbv m

RT: 5.71 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 21:30 V-10DL

Tgt Ion:

Ion Ratio

57 100

41 0.

43 80.

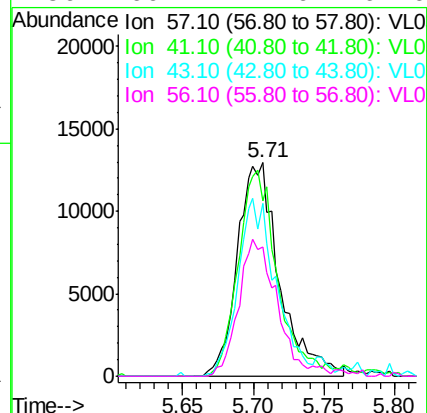
56 60.4 42.6 64.0

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#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. 0.02 min

Lab File: VL038758.D

Acq: 24 Mar 2022 21:36

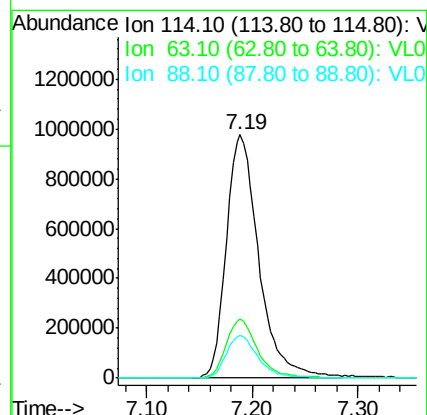
Tgt Ion:114 Resp: 2090152

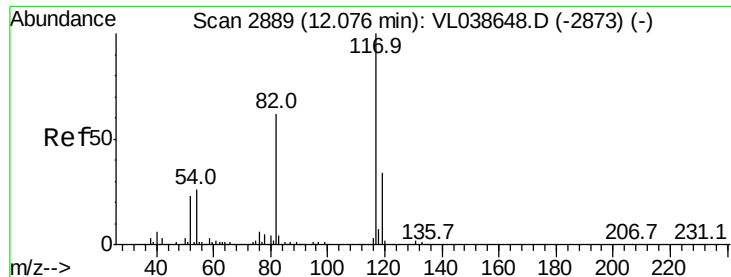
Ion Ratio Lower Upper

114 100

63 23.9 19.4 29.0

88 17.3 13.9 20.9



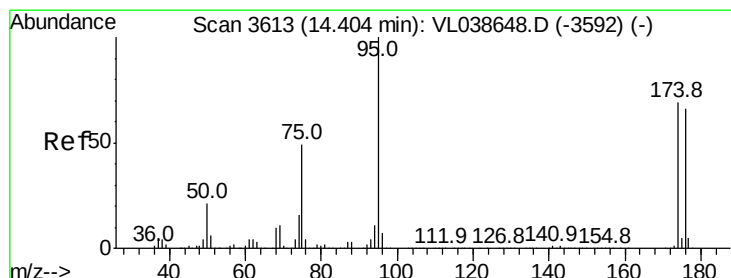
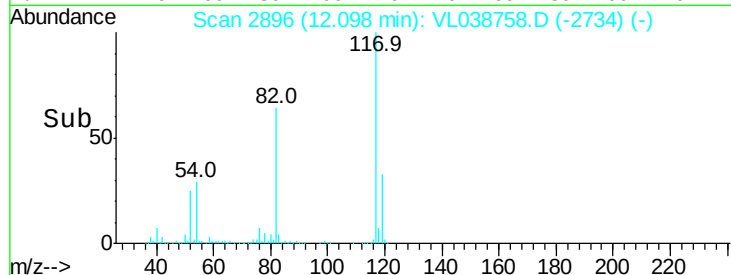
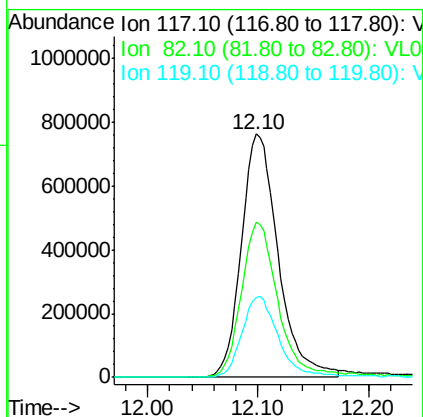
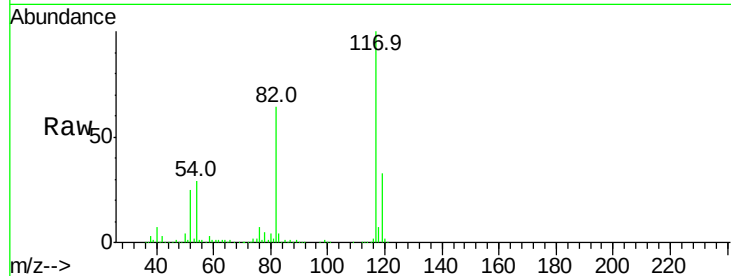


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
V-10DL
Acq: 24 Mar 2022 21:30

Tgt Ion: 117
Ion Ratio: 100
82 65.
119 34.

Manual Integrations
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Supervised By :Mahesh Dadoda 03/28/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.48 ppbv
RT: 14.43 min Scan# 3622
Delta R.T.: 0.03 min
Lab File: VL038758.D
Acq: 24 Mar 2022 21:36

Tgt Ion: 95 Resp: 1283693
Ion Ratio Lower Upper
95 100
174 74.4 56.1 84.1
175 5.2 4.2 6.2

