

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038725.D
 Acq On : 23 Mar 2022 21:10
 Operator : SY/AP
 Sample : N2047-03DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PA1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/24/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 24 05:56:08 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	5.65	49	879838	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2353066	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2022061	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1437134	9.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	6444	0.14	ppbv	87
13) Ethanol	3.61	45	17892m	3.62	ppbv	
15) Acetone	3.85	43	35162	0.46	ppbv #	85
19) Isopropyl Alcohol	3.98	45	4979	0.12	ppbv #	65
20) Methylene Chloride	4.34	84	25111m	0.79	ppbv	
22) trans-1,2-Dichloroethene	4.88	96	5407m	0.14	ppbv	
26) Hexane	5.68	57	15794m	0.18	ppbv	
34) 2-Butanone	5.25	43	21612	0.23	ppbv #	85
38) Trichloroethene	7.82	130	18356m	0.24	ppbv	
52) Tetrachloroethene	11.21	164	458420	6.90	ppbv	97

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

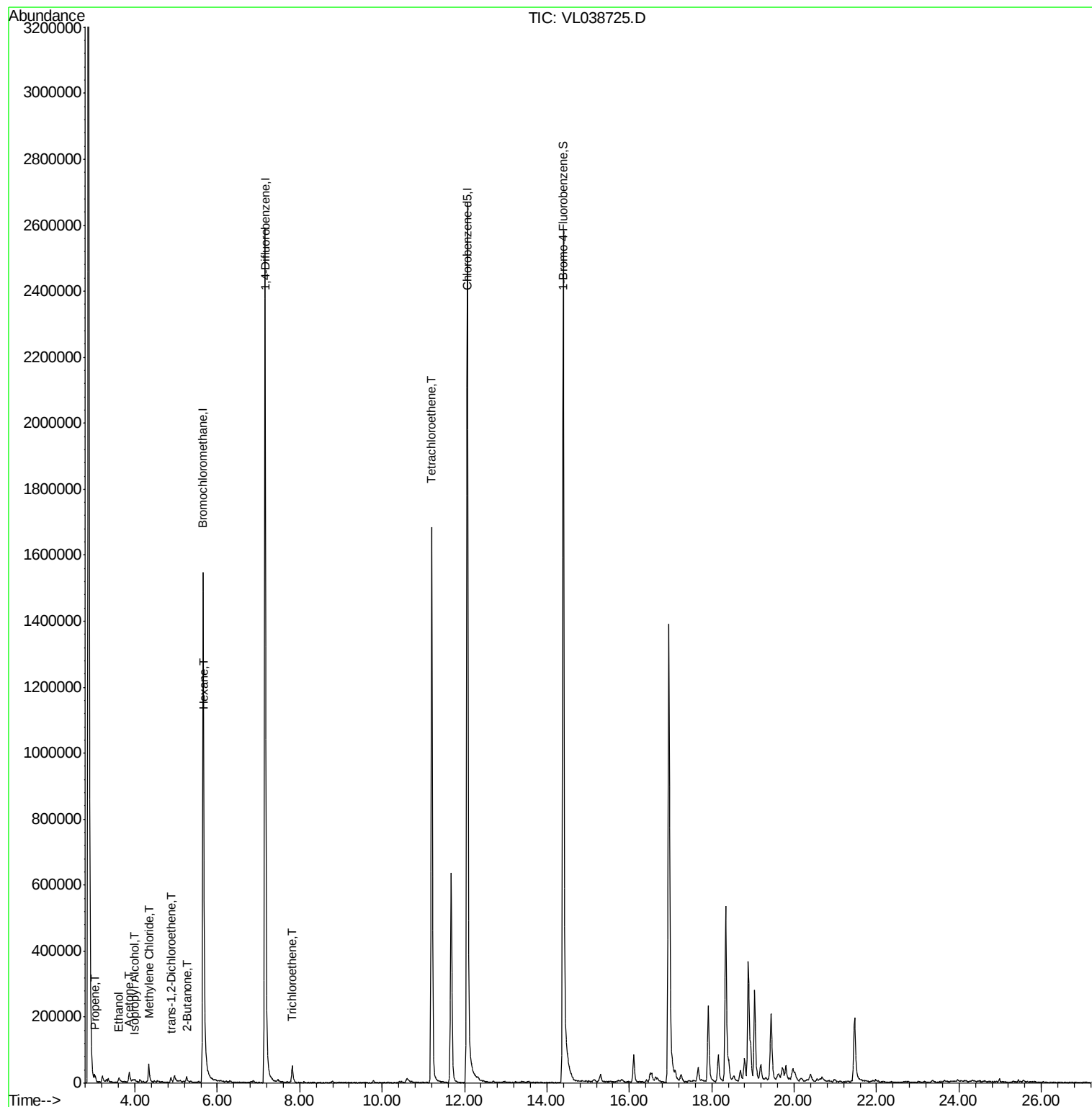
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
Data File : VL038725.D
Acq On : 23 Mar 2022 21:10
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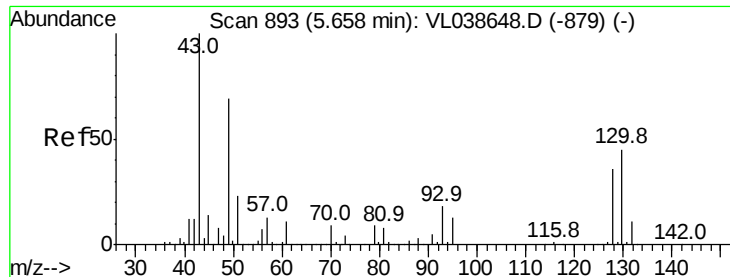
Instrument :
MSVOA_L
ClientSampleId :
C0PA1DL

Quant Time: Mar 24 05:56:08 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL032122.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

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





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 21:10

Tgt Ion:

Ion Ratio

49 100

128 56.

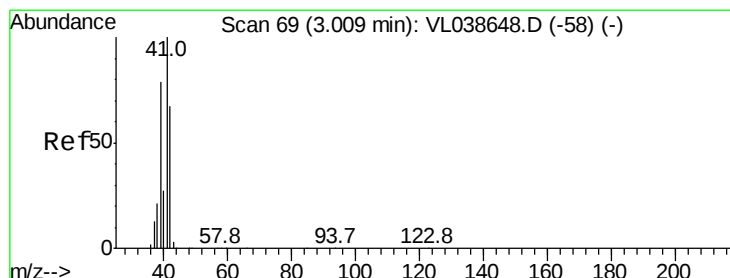
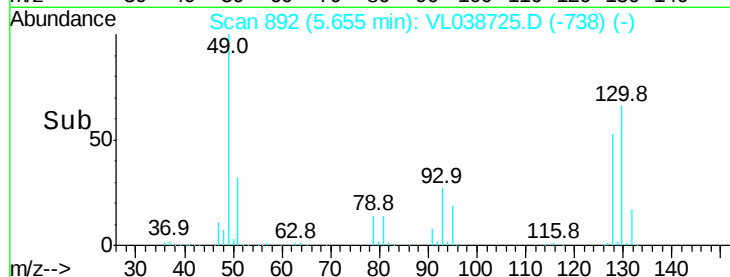
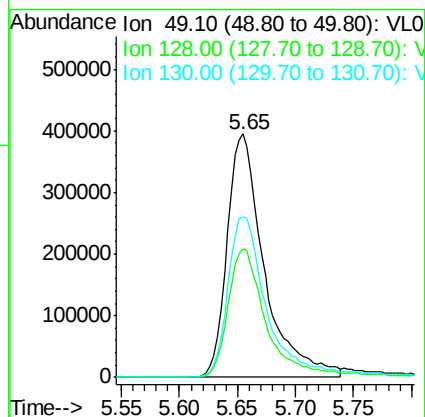
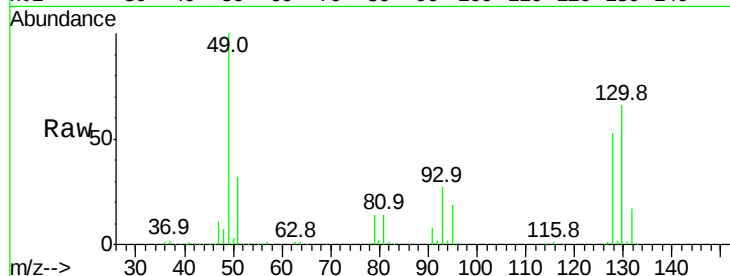
130 71.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/28/2022



#9

Propene

Concen: 0.14 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL038725.D

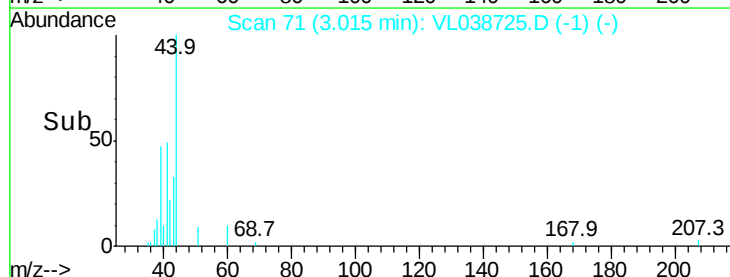
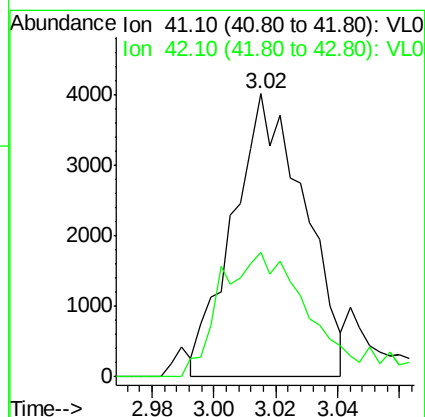
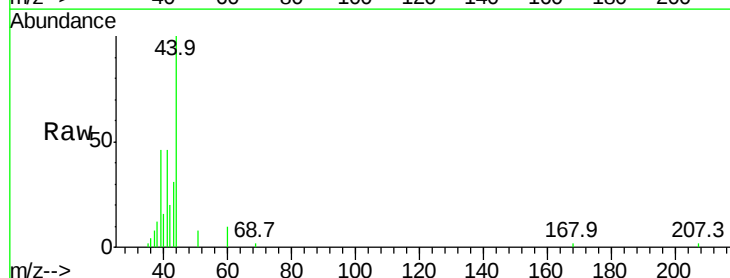
Acq: 23 Mar 2022 21:10

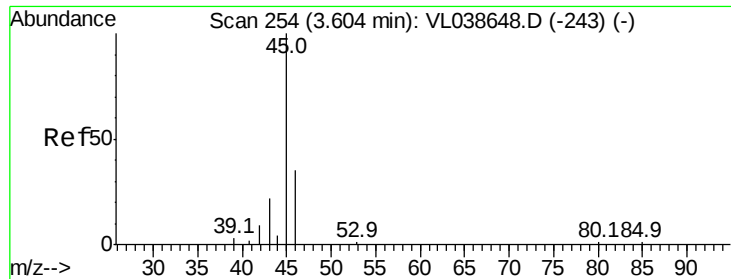
Tgt Ion: 41 Resp: 6444

Ion Ratio Lower Upper

41 100

42 59.7 56.2 84.4





#13

Ethanol

Concen: 3.62 ppbv m

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 21:10

Tgt Ion:

Ion Ratio

45 100

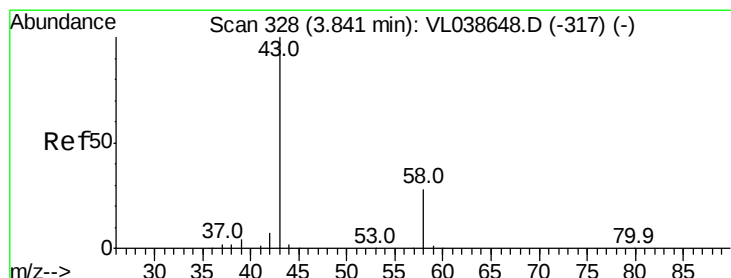
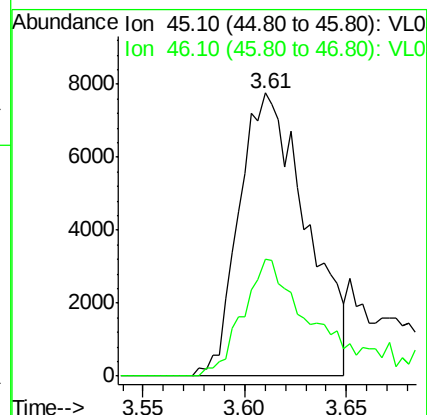
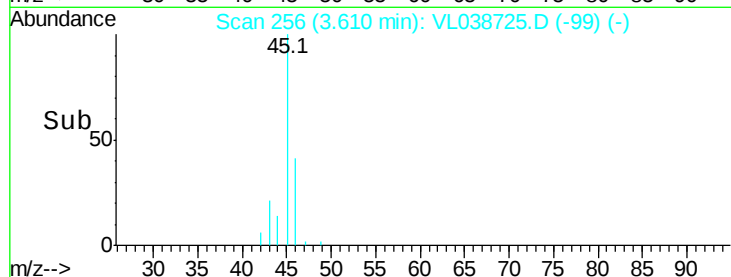
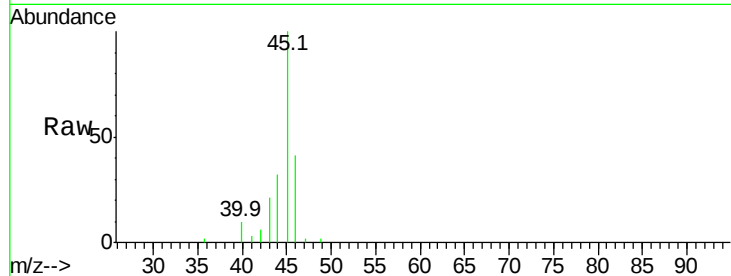
46 46.

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#15

Acetone

Concen: 0.46 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.01 min

Lab File: VL038725.D

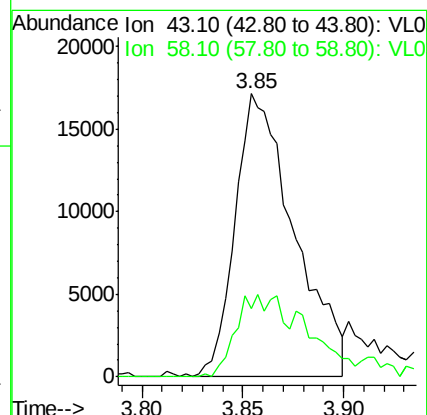
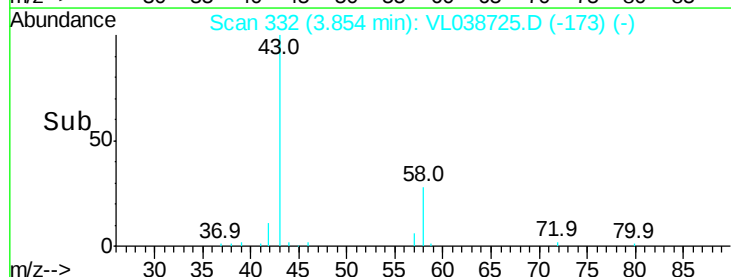
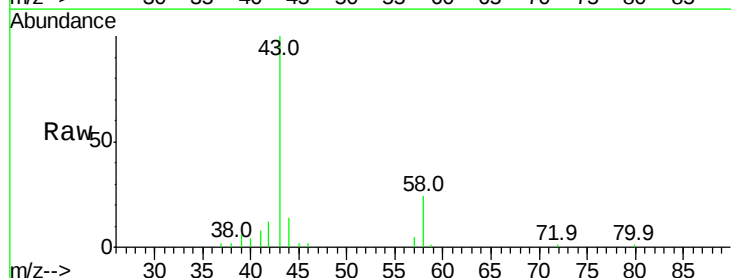
Acq: 23 Mar 2022 21:10

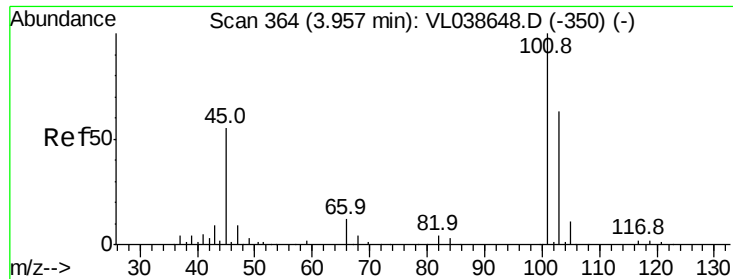
Tgt Ion: 43 Resp: 35162

Ion Ratio Lower Upper

43 100

58 37.0 23.3 34.9#





#19

Isopropyl Alcohol

Concen: 0.12 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 21:10

Tgt Ion:

Ion Ratio

45 100

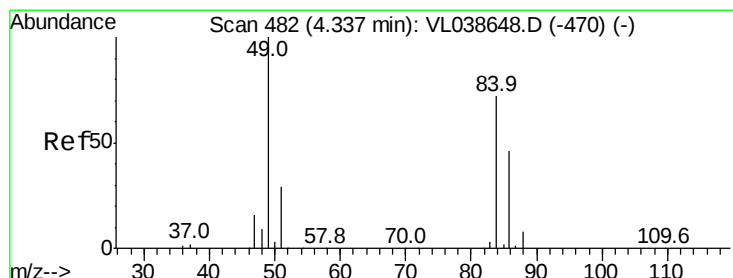
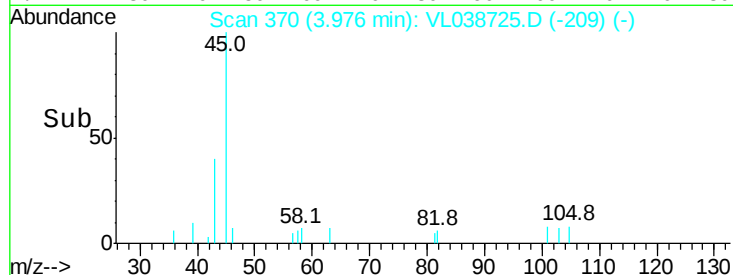
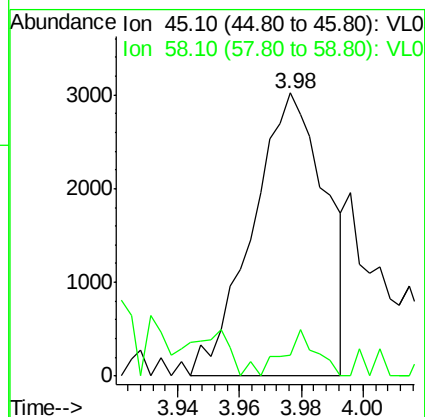
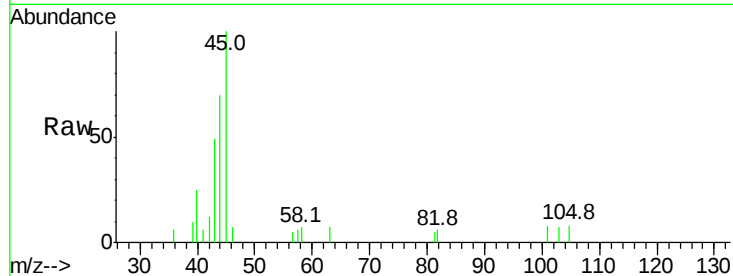
58 14.

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#20

Methylene Chloride

Concen: 0.79 ppbv m

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL038725.D

Acq: 23 Mar 2022 21:10

Tgt Ion: 84 Resp: 25111

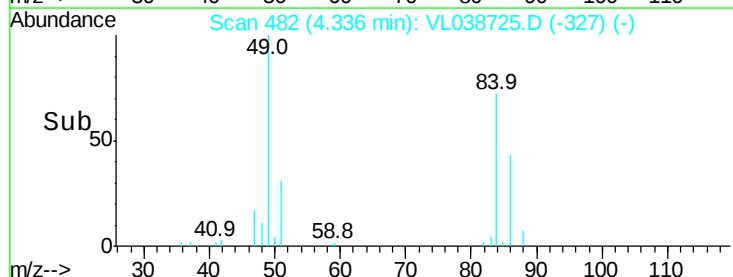
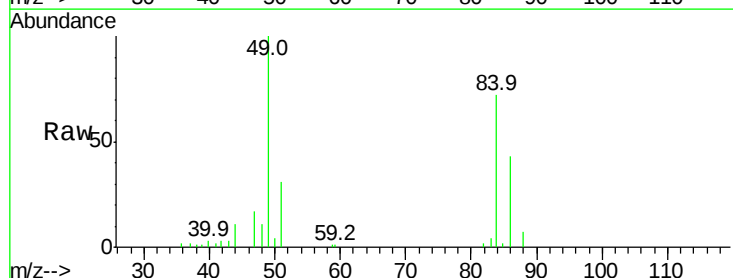
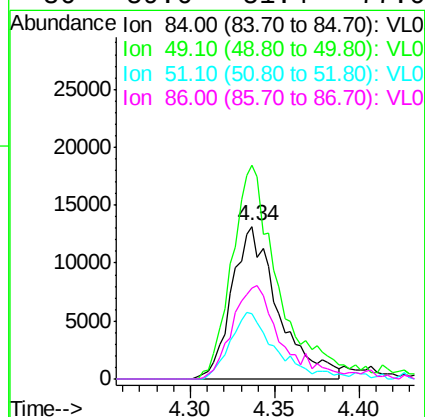
Ion Ratio Lower Upper

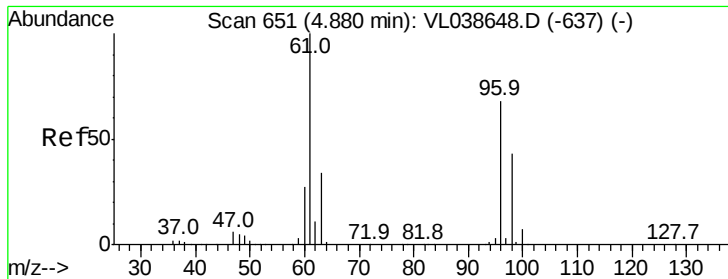
84 100

49 139.6 111.2 166.8

51 43.0 32.8 49.2

86 59.6 51.4 77.0





#22

trans-1,2-Dichloroethene

Concen: 0.14 ppbv m

RT: 4.88 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 21:10

Tgt Ion:

Ion Ratio

96 100

61 137.

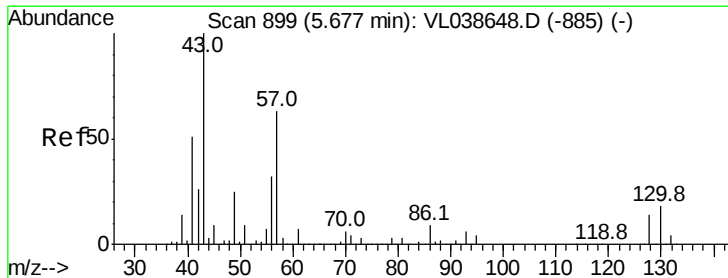
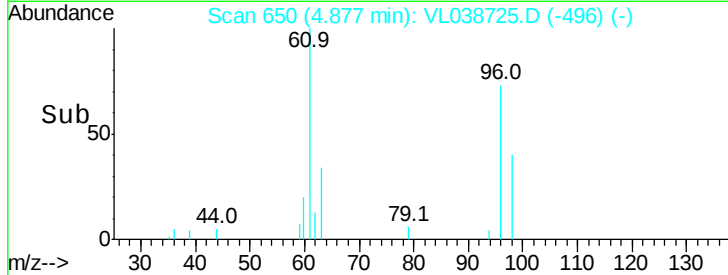
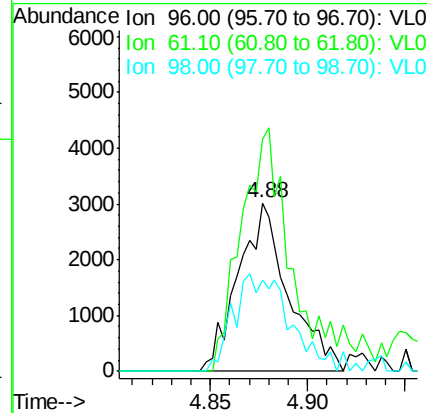
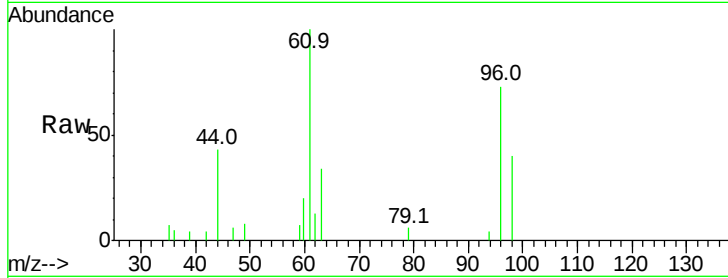
98 54.

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Supervised By :Mahesh Dadoda 03/28/2022



#26

Hexane

Concen: 0.18 ppbv m

RT: 5.68 min Scan# 899

Delta R.T. -0.00 min

Lab File: VL038725.D

Acq: 23 Mar 2022 21:10

Tgt Ion: 57 Resp: 15794

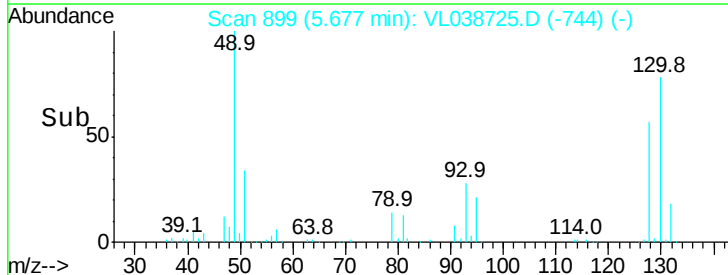
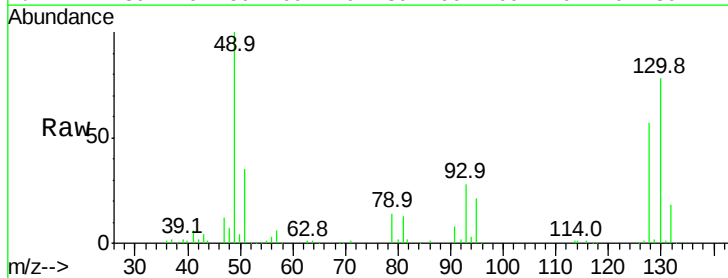
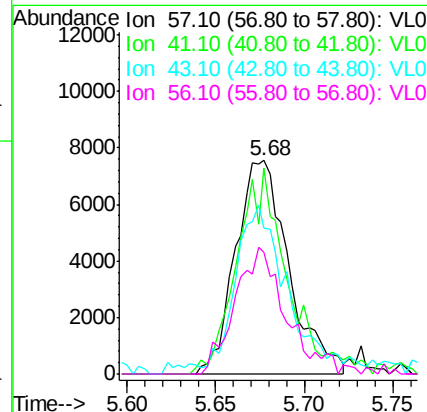
Ion Ratio Lower Upper

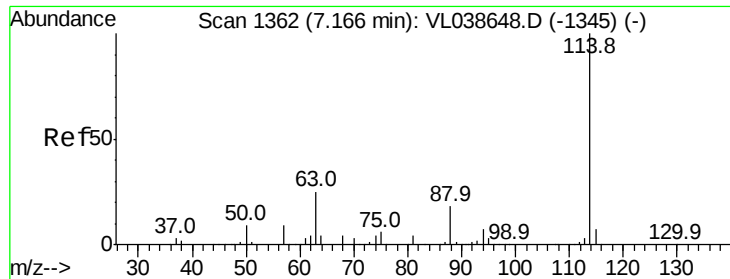
57 100

41 94.1 67.0 100.4

43 84.0 184.2 276.2#

56 58.3 42.6 64.0



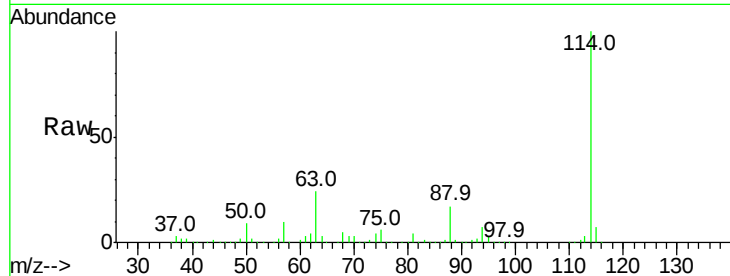


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Mar 2022 21:10

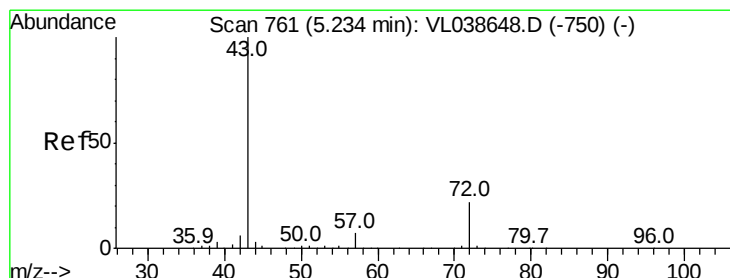
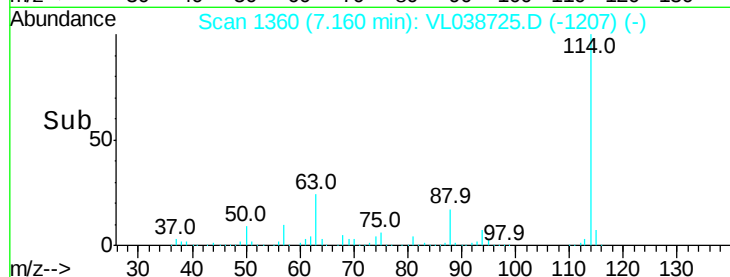
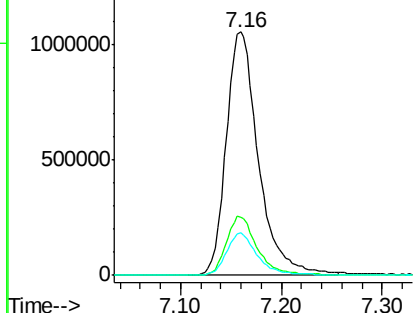
Tgt Ion: 114.0
 Ion Ratio: 100
 63 23.0
 88 17.0

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 Supervised By : Mahesh Dadoda 03/28/2022

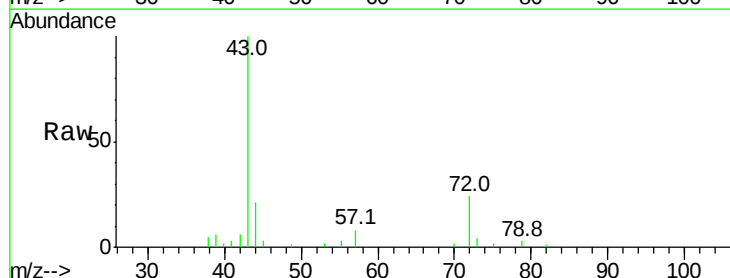


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

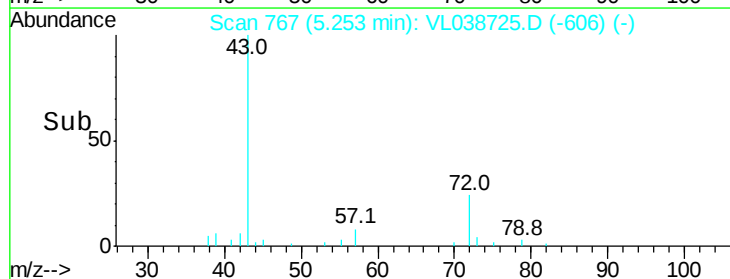
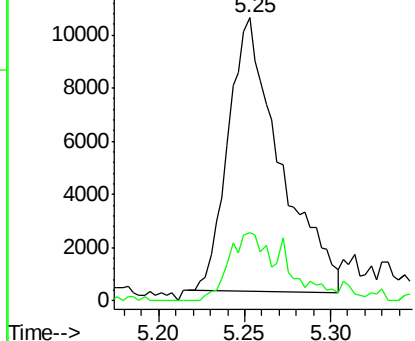


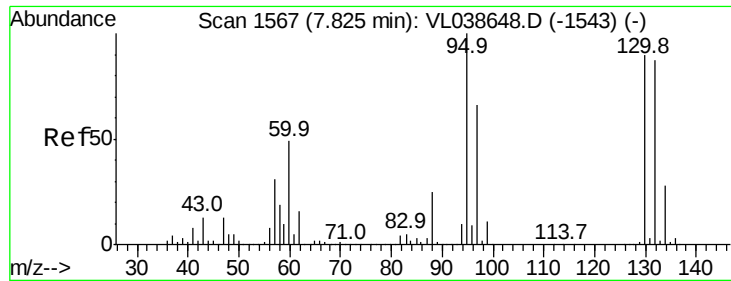
#34
 2-Butanone
 Concen: 0.23 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T.: 0.02 min
 Lab File: VL038725.D
 Acq: 23 Mar 2022 21:10

Tgt Ion: 43 Resp: 21612
 Ion Ratio Lower Upper
 43 100
 72 29.4 17.8 26.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



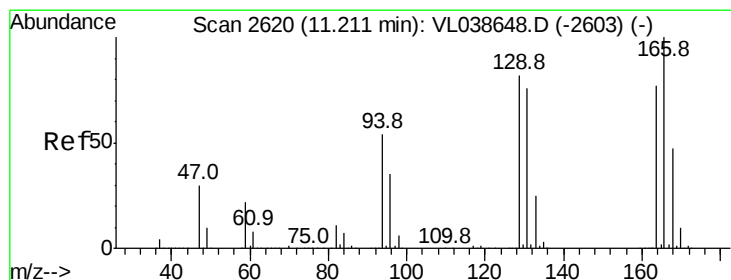
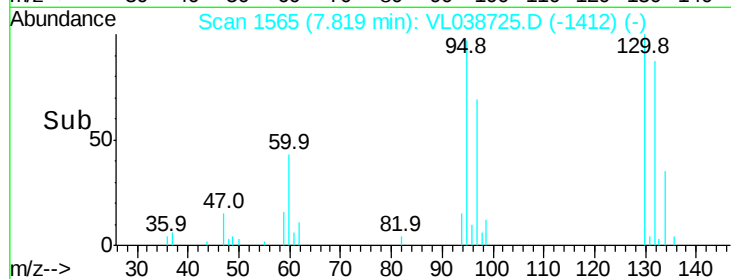
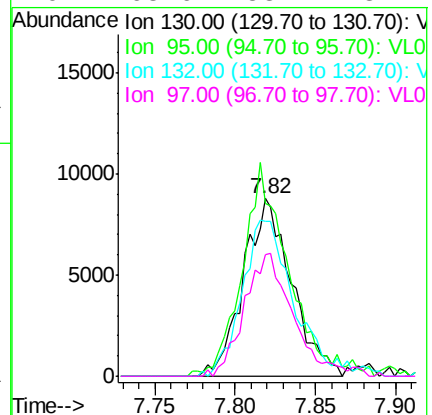
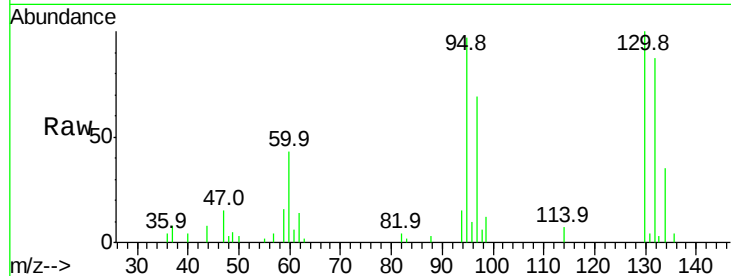


#38
 Trichloroethene
 Concen: 0.24 ppbv m
 RT: 7.82
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 23 Mar 2022 21:10

Tgt Ion:1
 Ion Rati
 130 100
 95 97.
 132 87.
 97 68.6 58.2 87.4

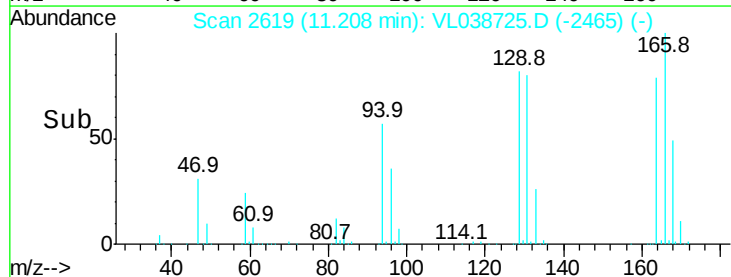
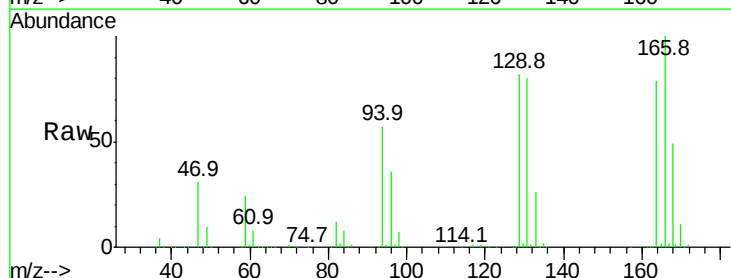
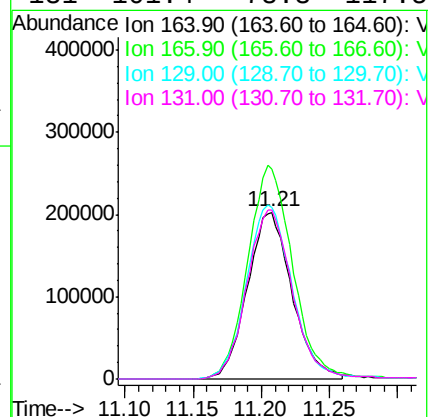
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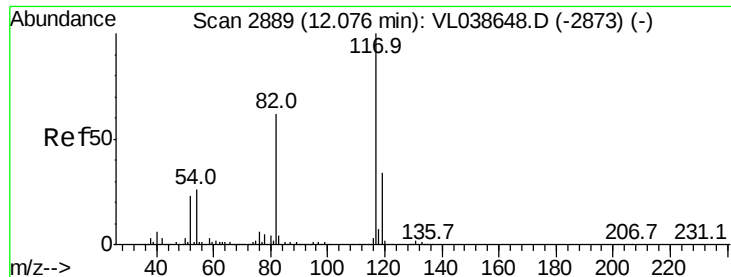
Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#52
 Tetrachloroethene
 Concen: 6.90 ppbv
 RT: 11.21 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: VL038725.D
 Acq: 23 Mar 2022 21:10

Tgt Ion:164 Resp: 458420
 Ion Ratio Lower Upper
 164 100
 166 125.9 103.3 154.9
 129 103.0 85.2 127.8
 131 101.4 78.3 117.5



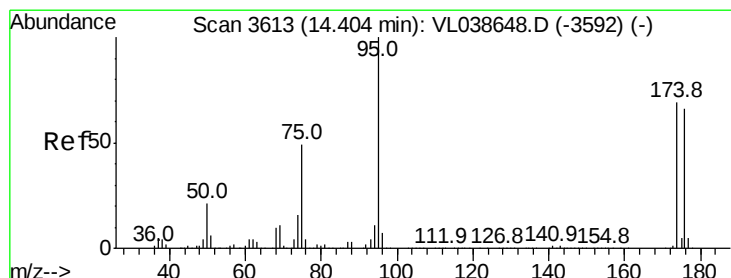
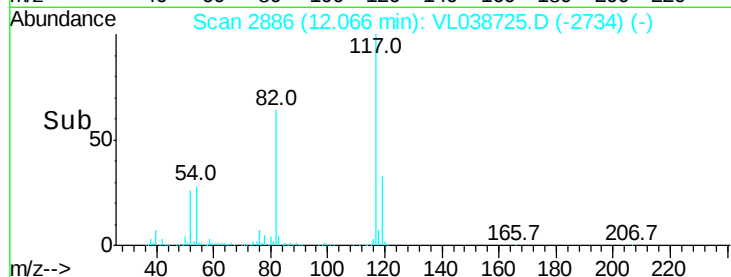
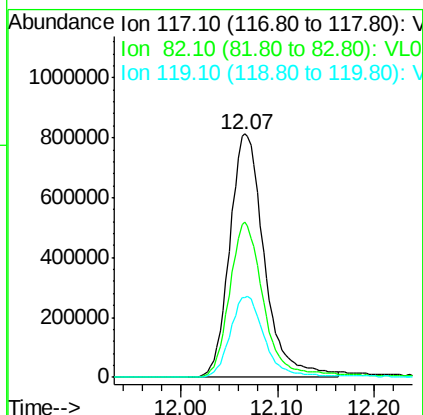
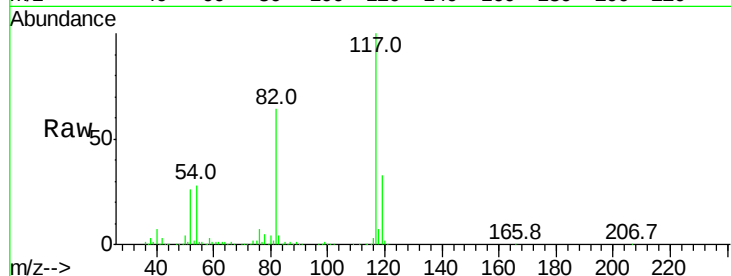


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 23 Mar 2022 21:10

Tgt Ion: 1
Ion Ratio
117 100
82 65.
119 34.

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.27 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.01 min
Lab File: VL038725.D
Acq: 23 Mar 2022 21:10

Tgt Ion: 95 Resp: 1437134
Ion Ratio Lower Upper
95 100
174 72.7 56.1 84.1
175 5.3 4.2 6.2

