

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038580.D
 Acq On : 9 Mar 2022 17:44
 Operator : SY/AP
 Sample : N1702-03DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 10 01:06:50 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	859047	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	2152934	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	1948421	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1445364	9.76	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	7490m	0.14	ppbv	
13) Ethanol	3.63	45	27779m	4.52	ppbv	
15) Acetone	3.86	43	398705	6.58	ppbv	95
20) Methylene Chloride	4.35	84	41165	1.13	ppbv	93
26) Hexane	5.69	57	231251	2.41	ppbv #	43
53) Toluene	9.81	91	322489	1.55	ppbv	99

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

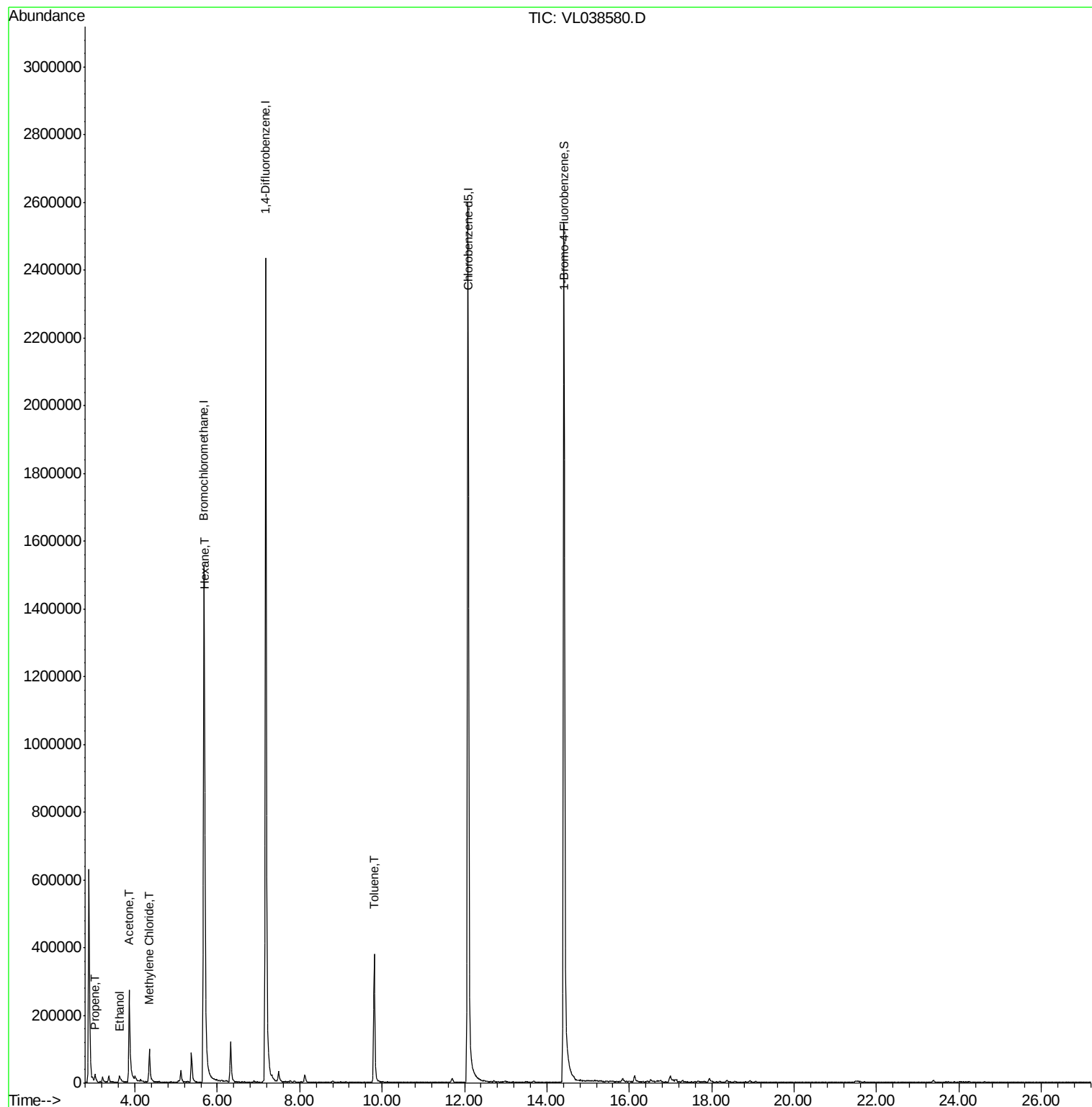
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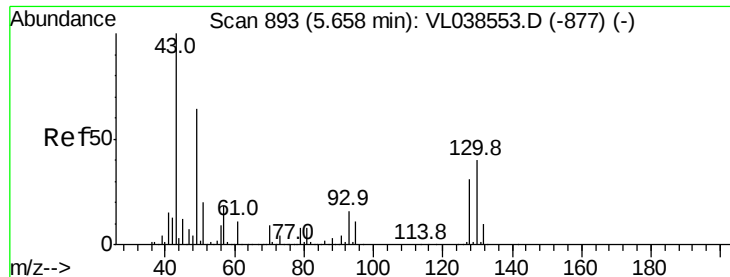
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MSVOA_L
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 9 Mar 2022 17:44

Tgt Ion:

Ion Ratio

49 100

128 52.

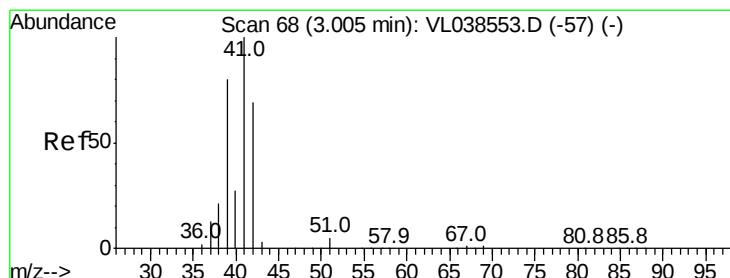
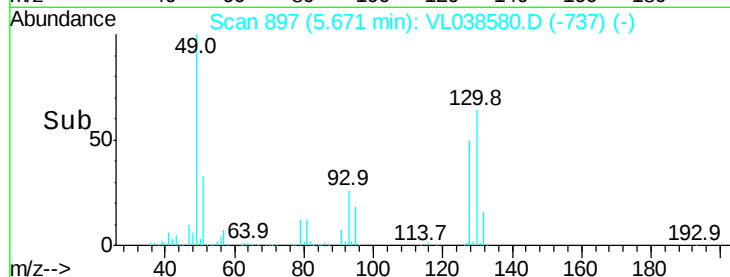
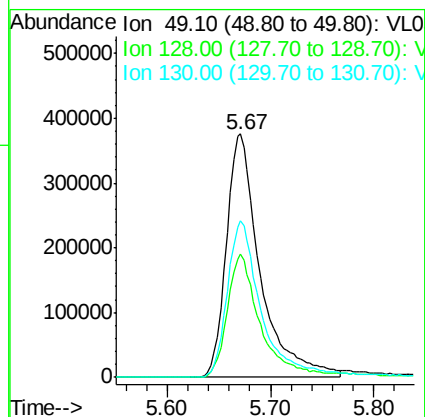
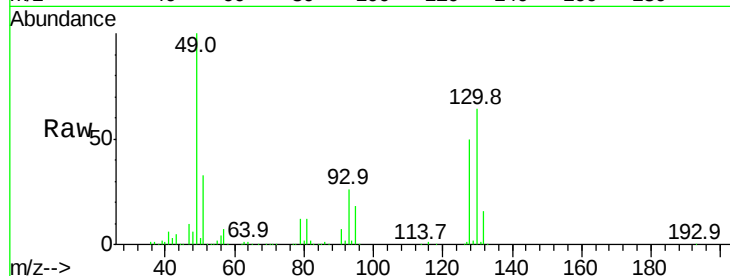
130 67.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/14/2022



#9

Propene

Concen: 0.14 ppbv m

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL038580.D

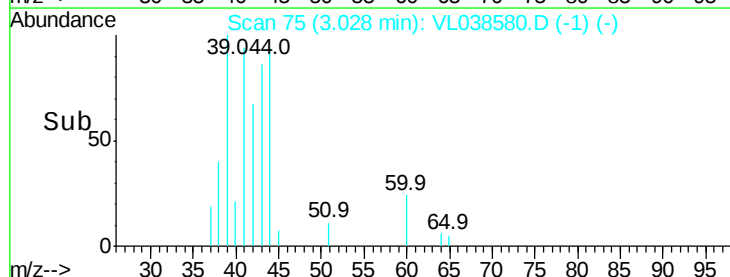
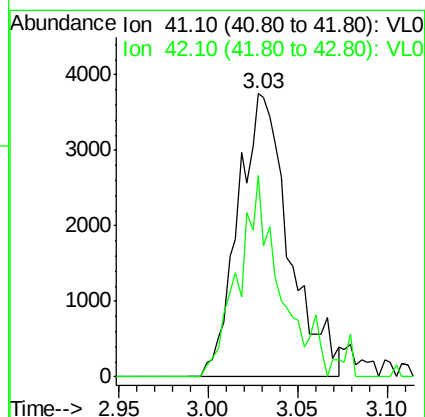
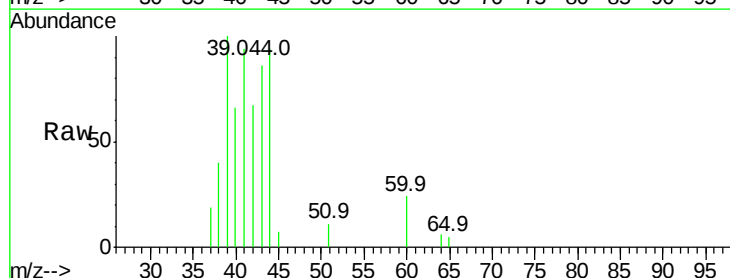
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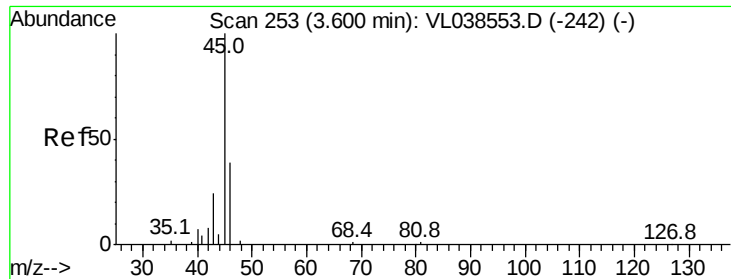
Tgt Ion: 41 Resp: 7490

Ion Ratio Lower Upper

41 100

42 0.0 55.7 83.5#



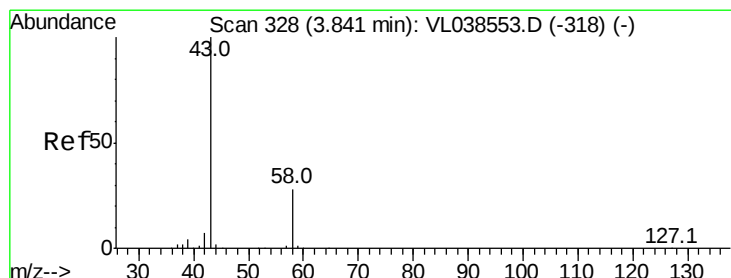
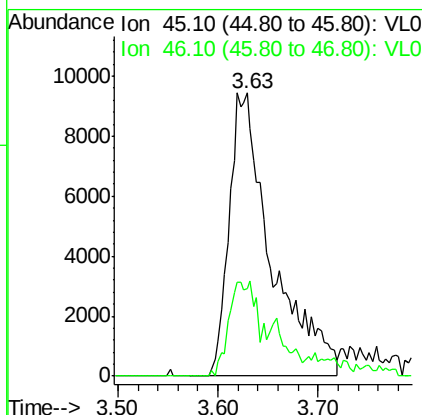
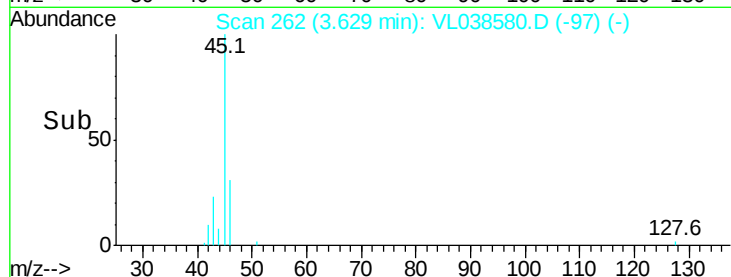
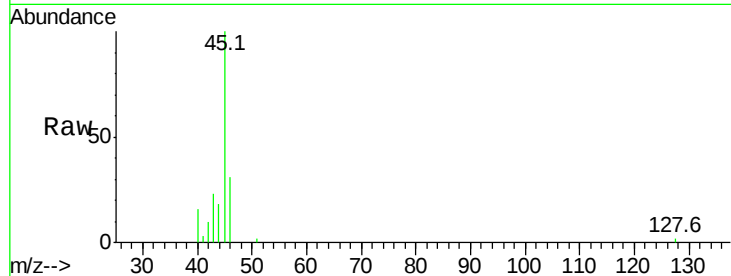


#13
Ethanol
Concen: 4.52 ppbv m
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Mar 2022 17:44

Tgt Ion:
Ion Ratio
45 100
46 0.

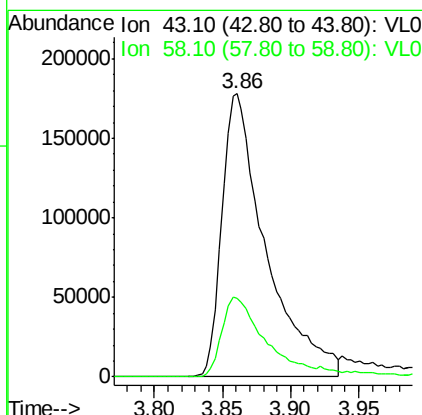
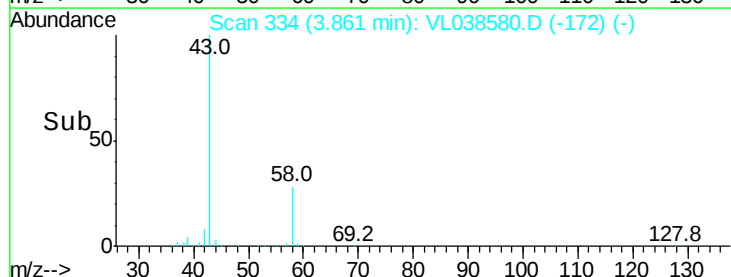
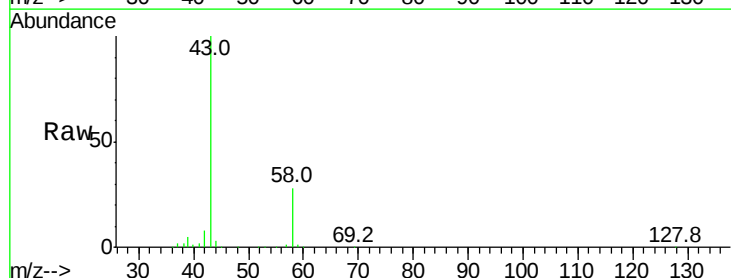
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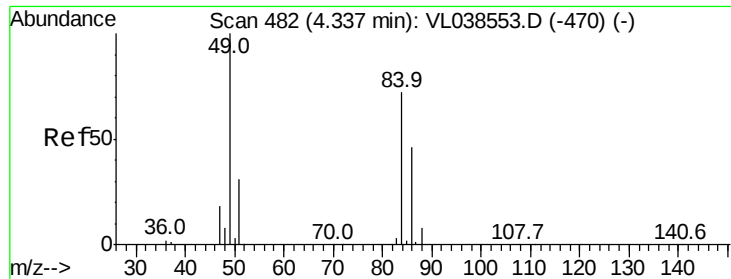
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#15
Acetone
Concen: 6.58 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.02 min
Lab File: VL038580.D
Acq: 9 Mar 2022 17:44

Tgt Ion: 43 Resp: 398705
Ion Ratio Lower Upper
43 100
58 31.1 22.7 34.1



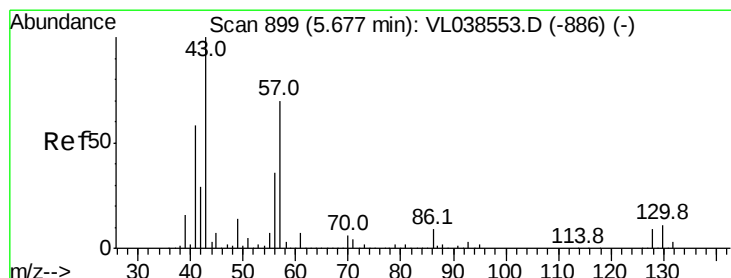
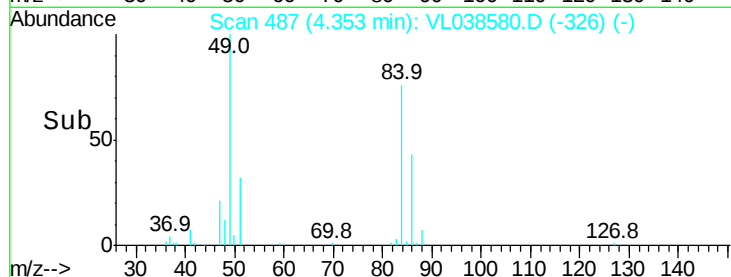
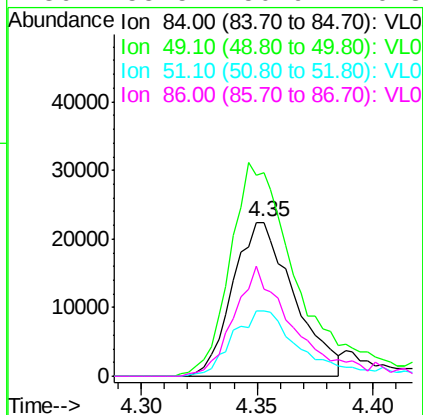
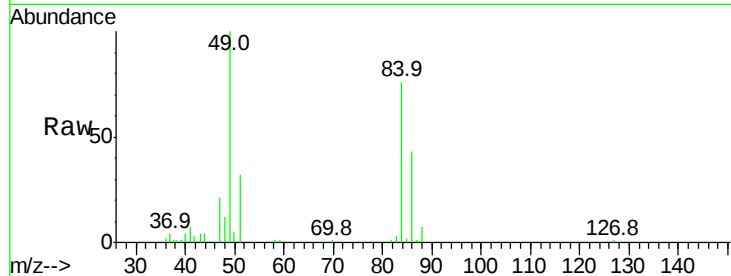


#20
Methylene Chloride
Concen: 1.13 ppbv
RT: 4.35
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Mar 2022 17:44

Tgt Ion: 84.00 (83.70 to 84.70): VL0
Ion Ratio 100
84 100
49 130.
51 41.
86 55.5 50.9 76.3

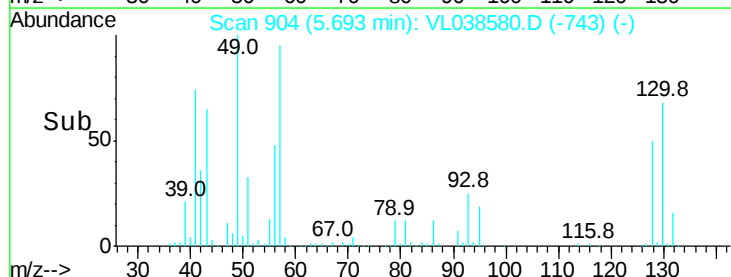
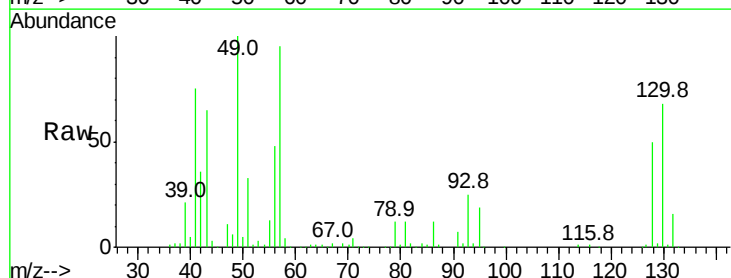
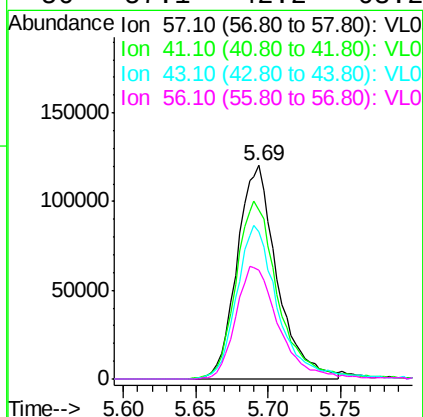
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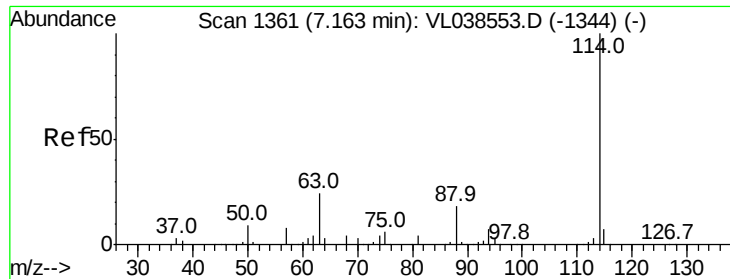
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#26
Hexane
Concen: 2.41 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.02 min
Lab File: VL038580.D
Acq: 9 Mar 2022 17:44

Tgt Ion: 57 Resp: 231251
Ion Ratio Lower Upper
57 100
41 88.9 67.8 101.6
43 75.0 173.6 260.4#
56 57.1 42.2 63.2



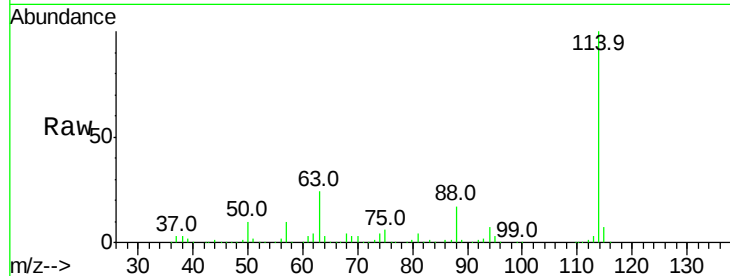


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 17:44

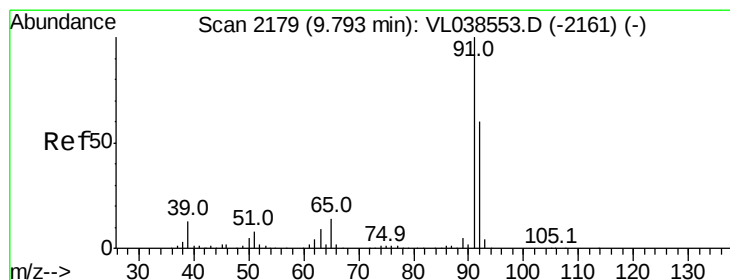
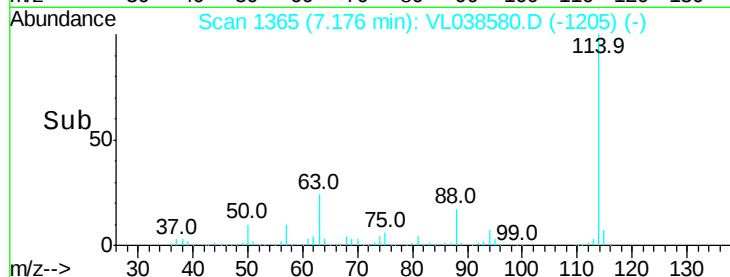
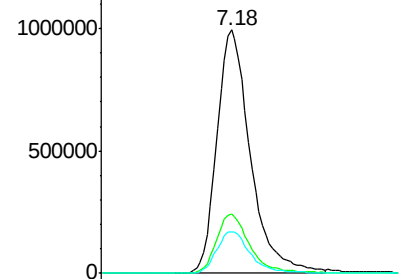
Tgt Ion: 114
 Ion Ratio: 100
 63 24.1
 88 17.1

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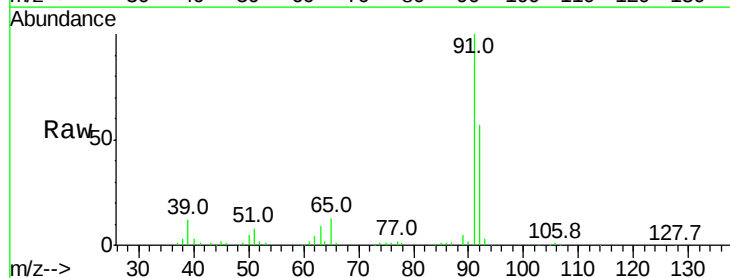


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

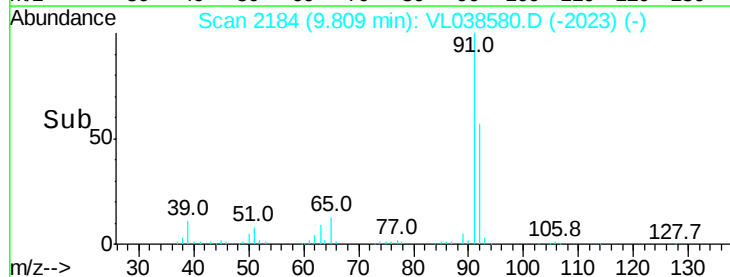
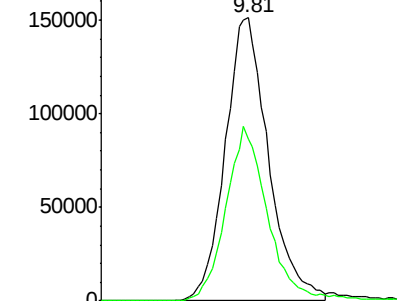


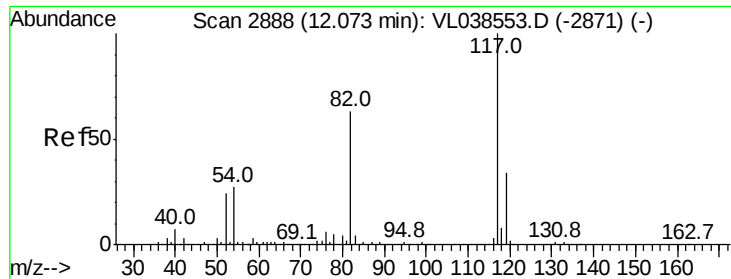
#53
 Toluene
 Concen: 1.55 ppbv
 RT: 9.81 min Scan# 2184
 Delta R.T.: 0.02 min
 Lab File: VL038580.D
 Acq: 9 Mar 2022 17:44

Tgt Ion: 91 Resp: 322489
 Ion Ratio Lower Upper
 91 100
 92 61.1 48.1 72.1



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0



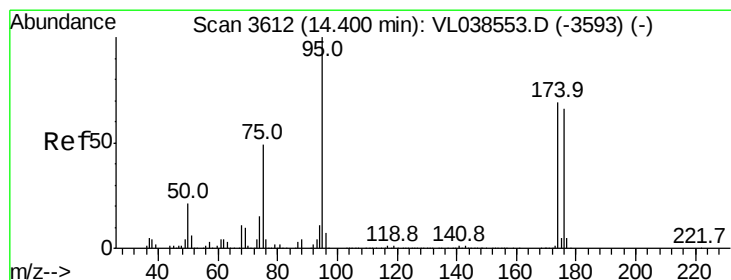
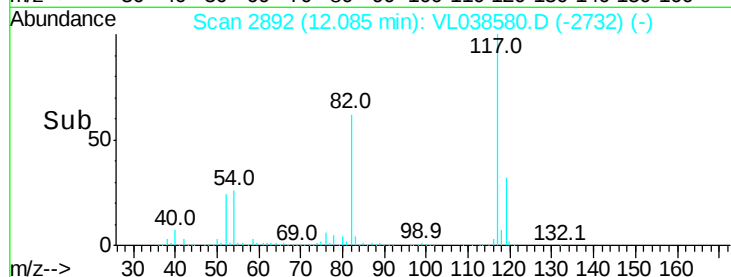
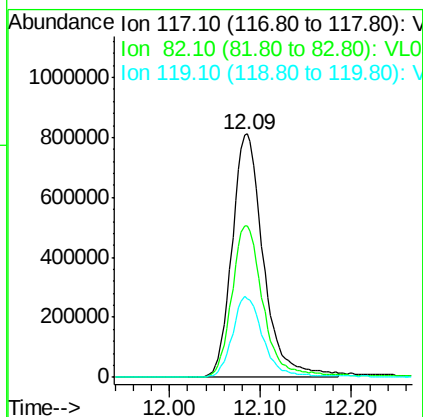
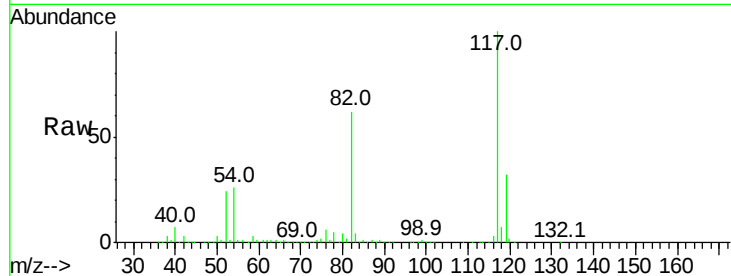


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 17:44

Tgt Ion: 1
Ion Ratio
117 100
82 64.
119 33.

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.76 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.01 min
Lab File: VL038580.D
Acq: 9 Mar 2022 17:44

Tgt Ion: 95 Resp: 1445364
Ion Ratio Lower Upper
95 100
174 70.8 56.2 84.4
175 5.1 4.2 6.2

