

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038305.D
 Acq On : 27 Jan 2022 20:38
 Operator : SY/AP
 Sample : N1308-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022

Quant Time: Jan 28 15:21:43 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	789407	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2067834	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1682665	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1178557	9.23	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.30%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	14478m	0.283	ppbv	
13) Ethanol	3.59	45	295854	53.871	ppbv	99
15) Acetone	3.85	43	94312	1.355	ppbv	96
20) Methylene Chloride	4.33	84	98661	2.438	ppbv	96
26) Hexane	5.67	57	14539m	0.160	ppbv	
53) Toluene	9.78	91	28881	0.143	ppbv	100

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

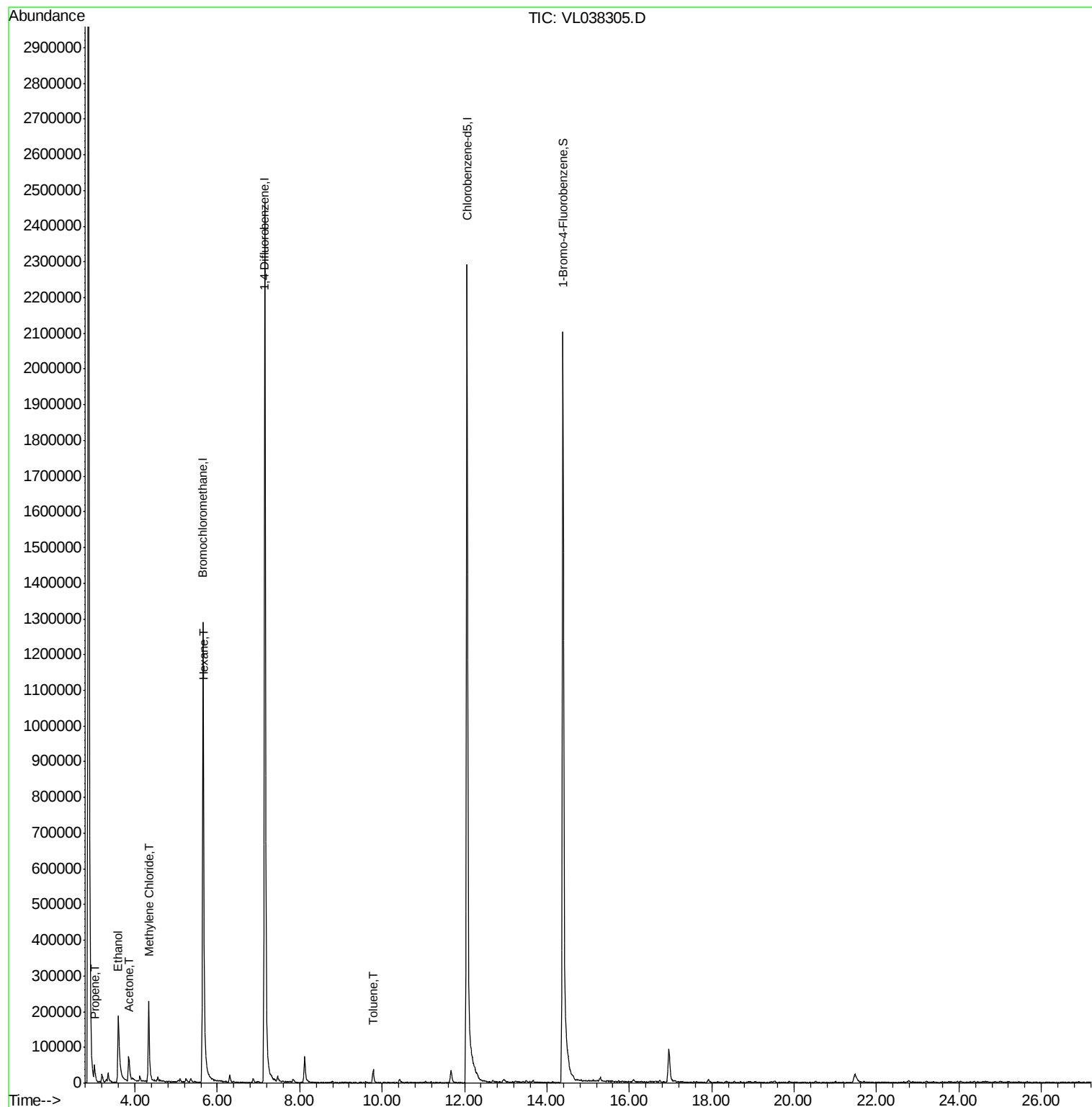
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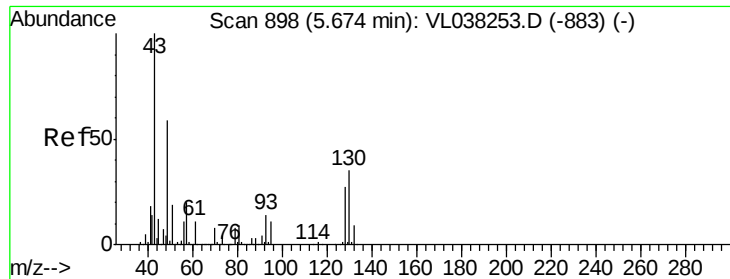
Instrument :
MSVOA_L
ClientSampleId :
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: IA-1DL

Acq: 27 Jan 2022 20:38

Tgt Ion:

Ion Ratio

49 100

128 47.

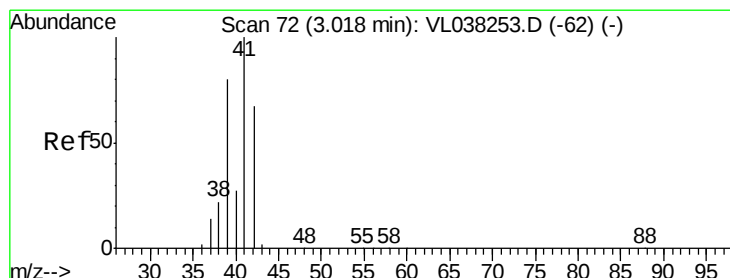
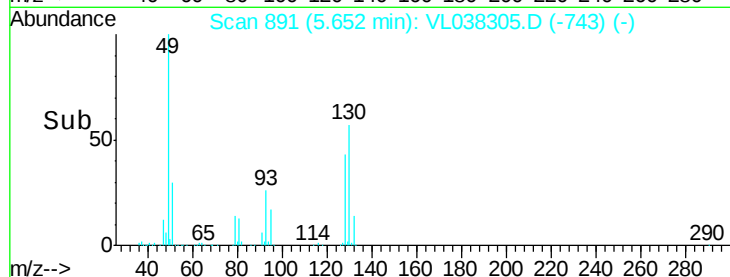
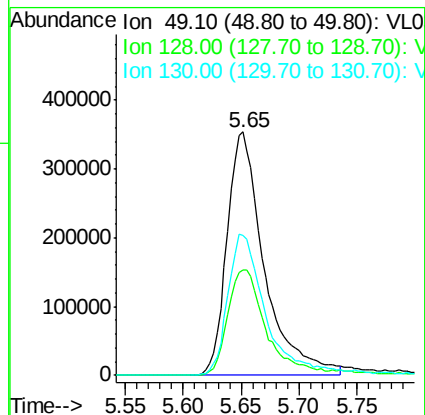
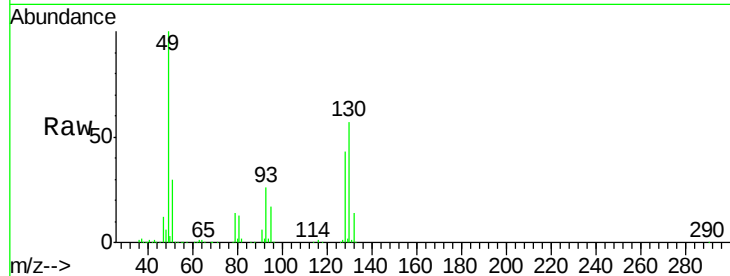
130 60.

Manual Integrations

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#9

Propene

Concen: 0.283 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. -0.00 min

Lab File: VL038305.D

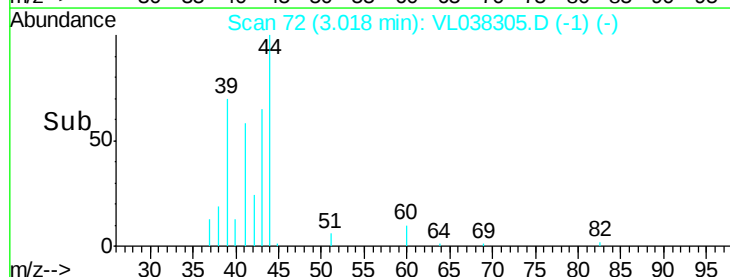
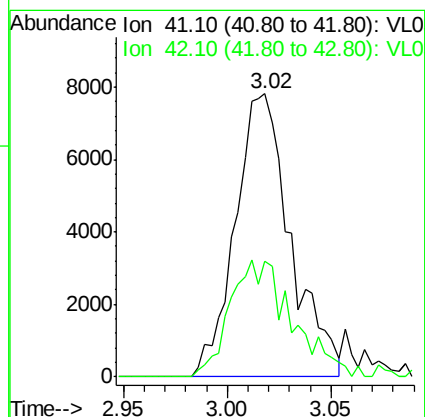
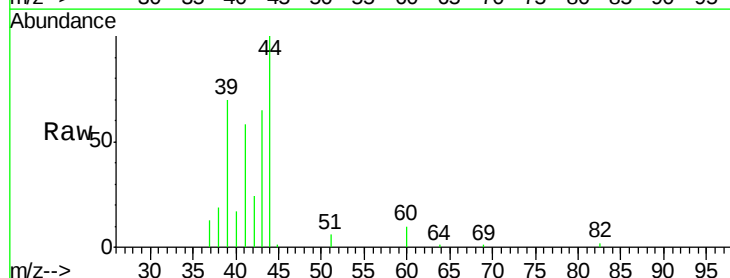
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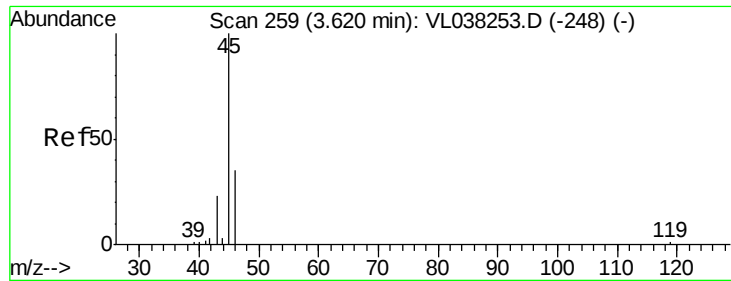
Tgt Ion: 41 Resp: 14478

Ion Ratio Lower Upper

41 100

42 3.6 54.9 82.3#



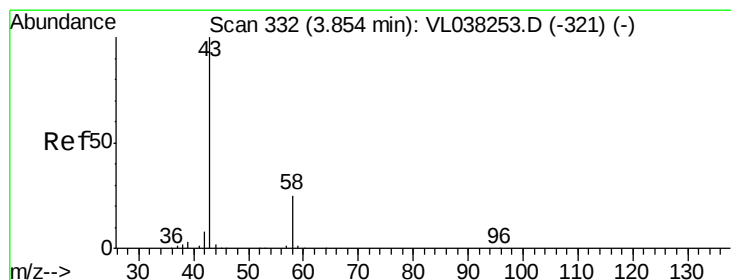
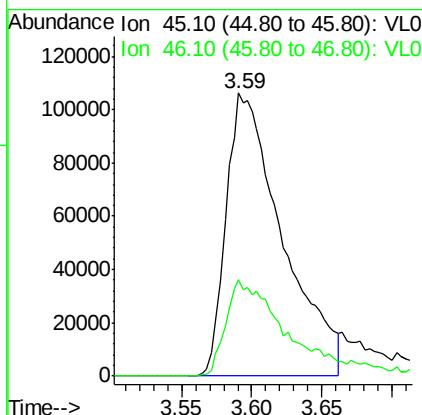
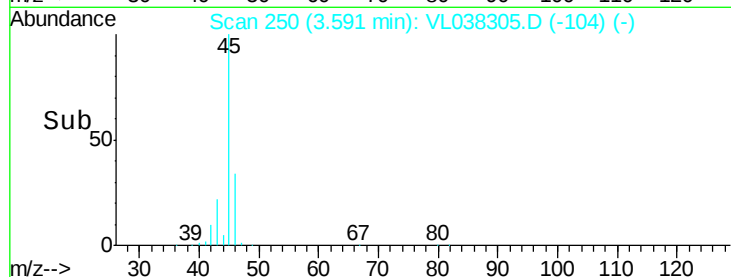
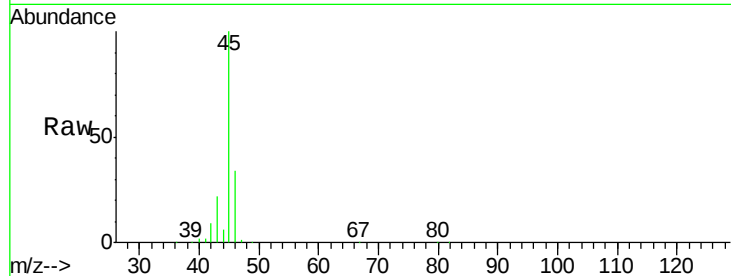


#13
Ethanol
Concen: 53.871 ppbv
RT: 3.59
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Jan 2022 20:38

Tgt Ion:
Ion Ratio
45 100
46 38.

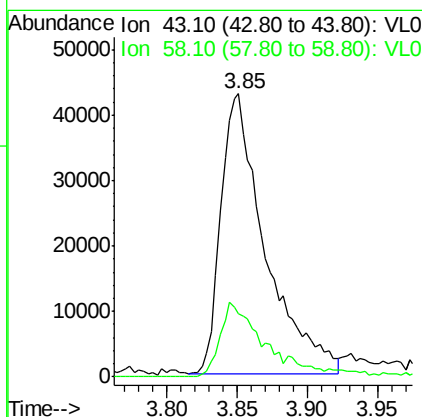
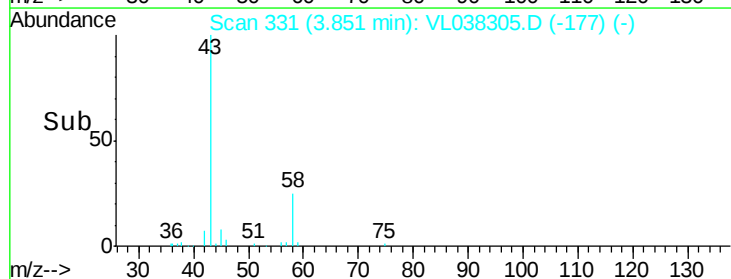
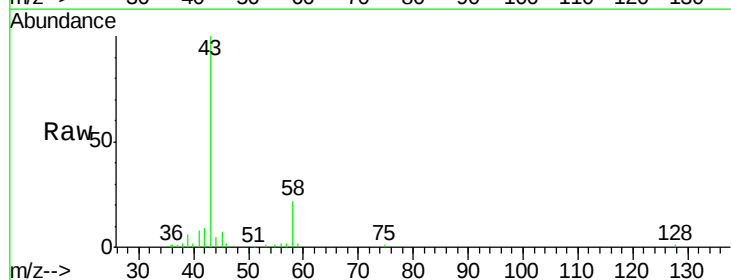
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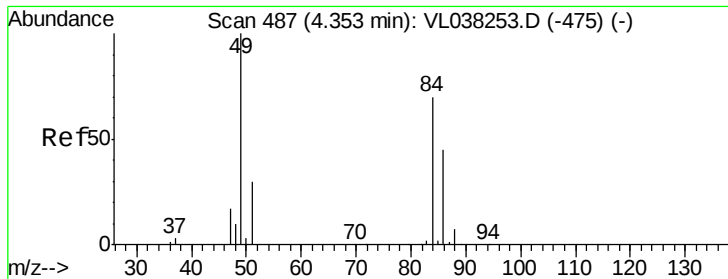
Reviewed By :Semsettin Yesilyurt 01/28/2022
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#15
Acetone
Concen: 1.355 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL038305.D
Acq: 27 Jan 2022 20:38

Tgt Ion: 43 Resp: 94312
Ion Ratio Lower Upper
43 100
58 28.9 21.5 32.3



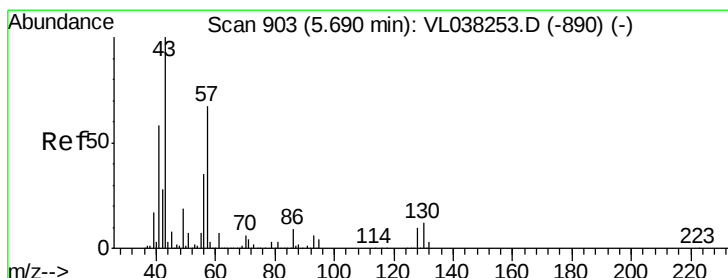
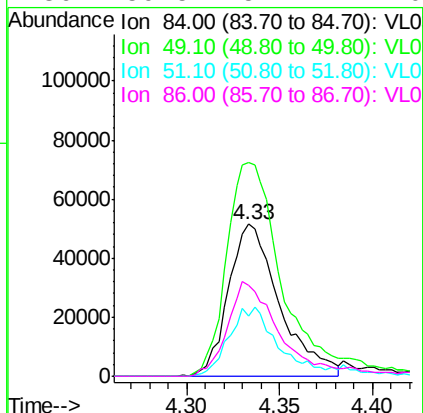
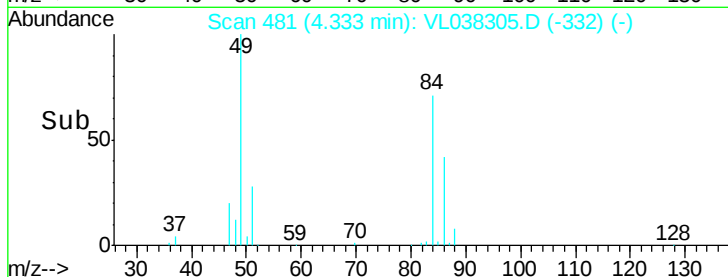
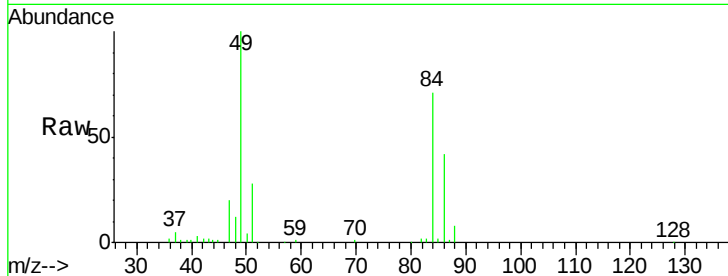


#20
Methylene Chloride
Concen: 2.438 ppbv
RT: 4.33
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Jan 2022 20:38

Tgt Ion:
Ion Ratio
84 100
49 140.
51 39.
86 59.5 51.4 77.0

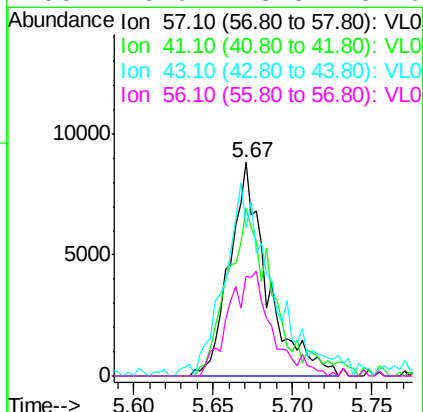
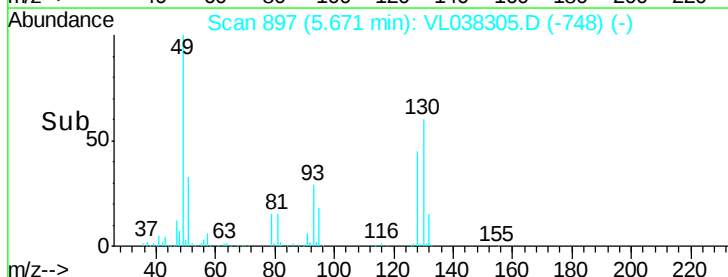
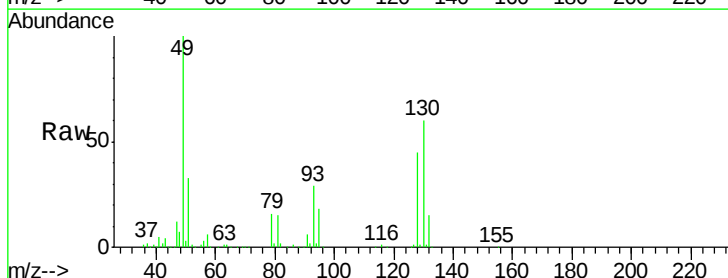
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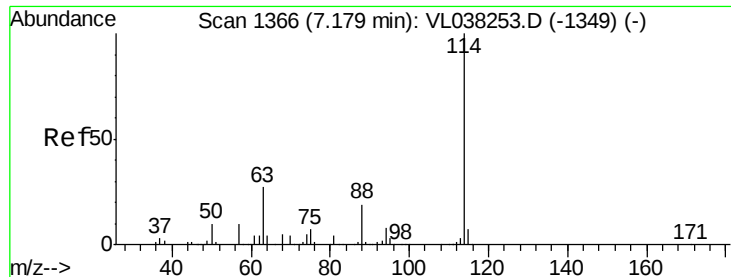
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Supervised By :Mahesh Dadoda 01/28/2022



#26
Hexane
Concen: 0.160 ppbv m
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL038305.D
Acq: 27 Jan 2022 20:38

Tgt Ion: 57 Resp: 14539
Ion Ratio Lower Upper
57 100
41 98.8 72.8 109.2
43 116.8 177.0 265.6#
56 0.0 43.3 64.9#



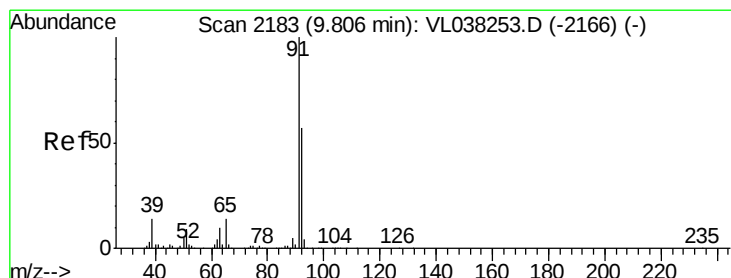
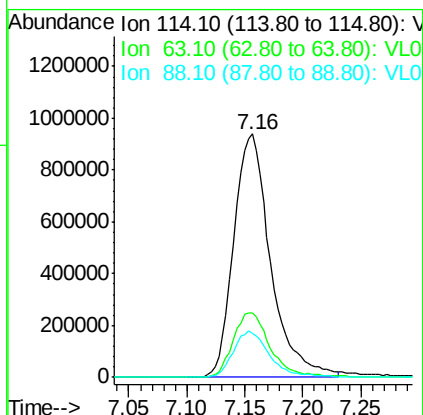
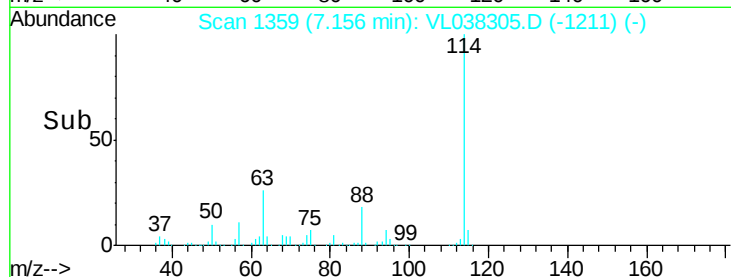
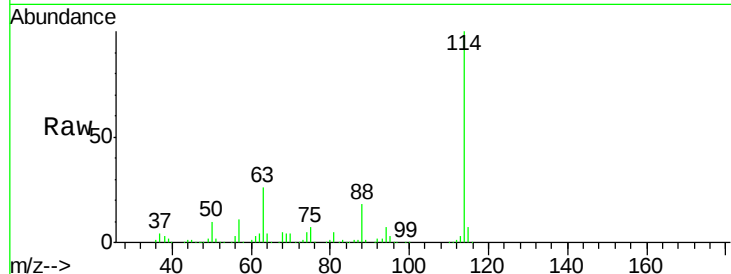


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Jan 2022 20:38

Tgt Ion: 1
 Ion Ratio
 114 100
 63 27.
 88 18.

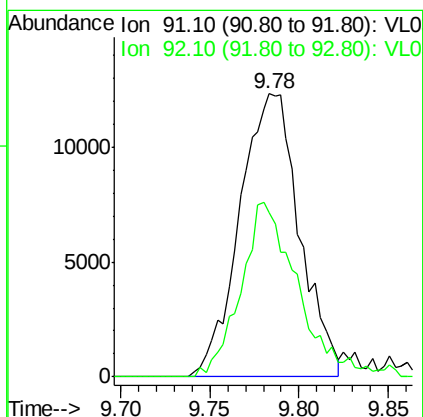
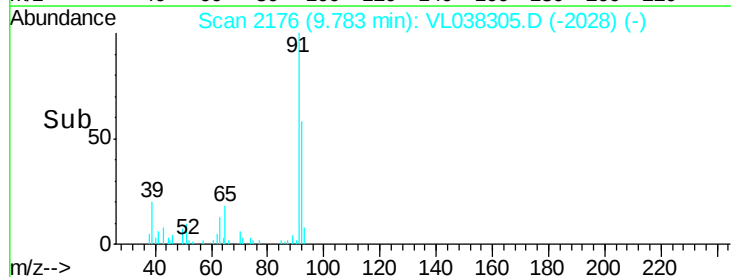
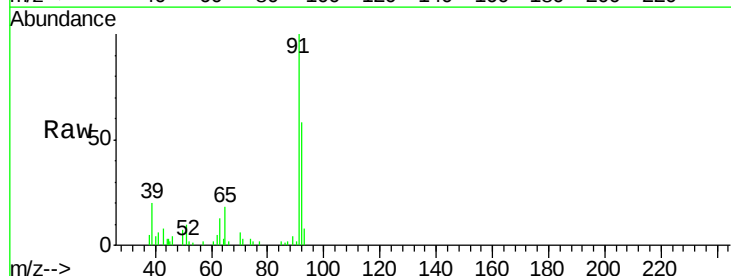
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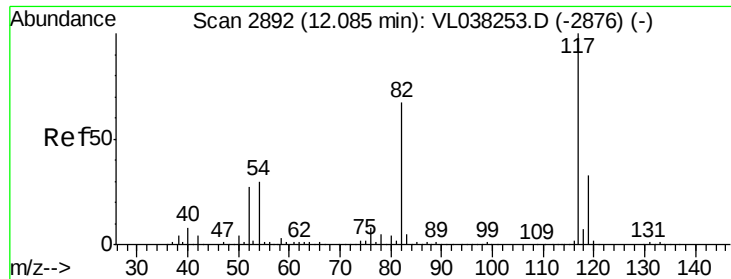
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 Supervised By : Mahesh Dadoda 01/28/2022



#53
 Toluene
 Concen: 0.143 ppbv
 RT: 9.78 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: VL038305.D
 Acq: 27 Jan 2022 20:38

Tgt Ion: 91 Resp: 28881
 Ion Ratio Lower Upper
 91 100
 92 59.5 47.4 71.0



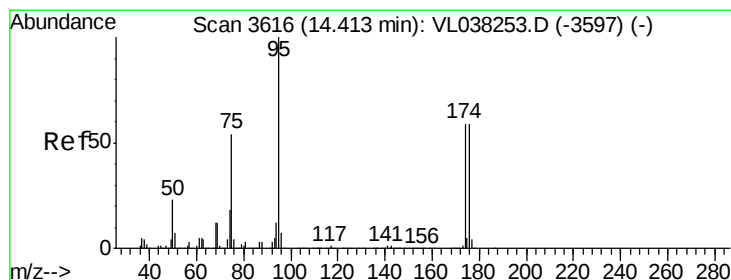
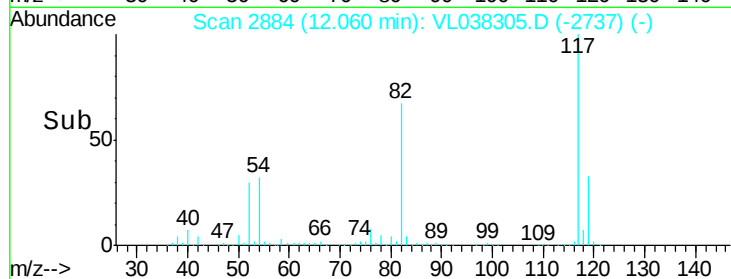
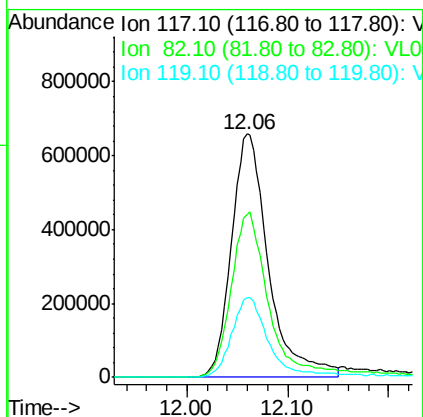
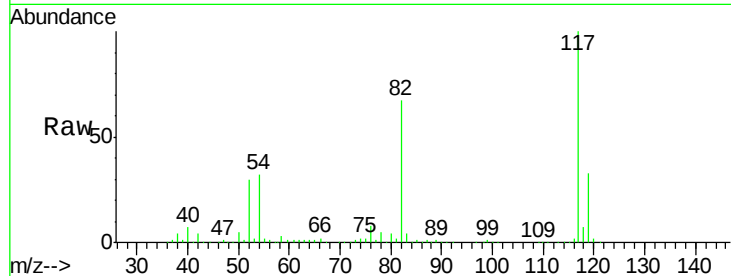


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Jan 2022 20:38

Tgt Ion: 117
Ion Ratio: 100
117 100
82 72.5
119 35.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.228 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.02 min
Lab File: VL038305.D
Acq: 27 Jan 2022 20:38

Tgt Ion: 95 Resp: 1178557
Ion Ratio Lower Upper
95 100
174 65.8 48.3 72.5
175 4.7 3.5 5.3

