

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
 Data File : VL038520.D
 Acq On : 3 Mar 2022 19:12
 Operator : SY/AP
 Sample : CAN 10588
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10588

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 06:19:53 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	633779	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	1394690	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	972629	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	775437	9.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	12664m	3.434	ppbv	
15) Acetone	3.84	43	24342m	0.452	ppbv	
20) Methylene Chloride	4.33	84	89597	3.355	ppbv	93
26) Hexane	5.66	57	51529	0.786	ppbv #	40

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

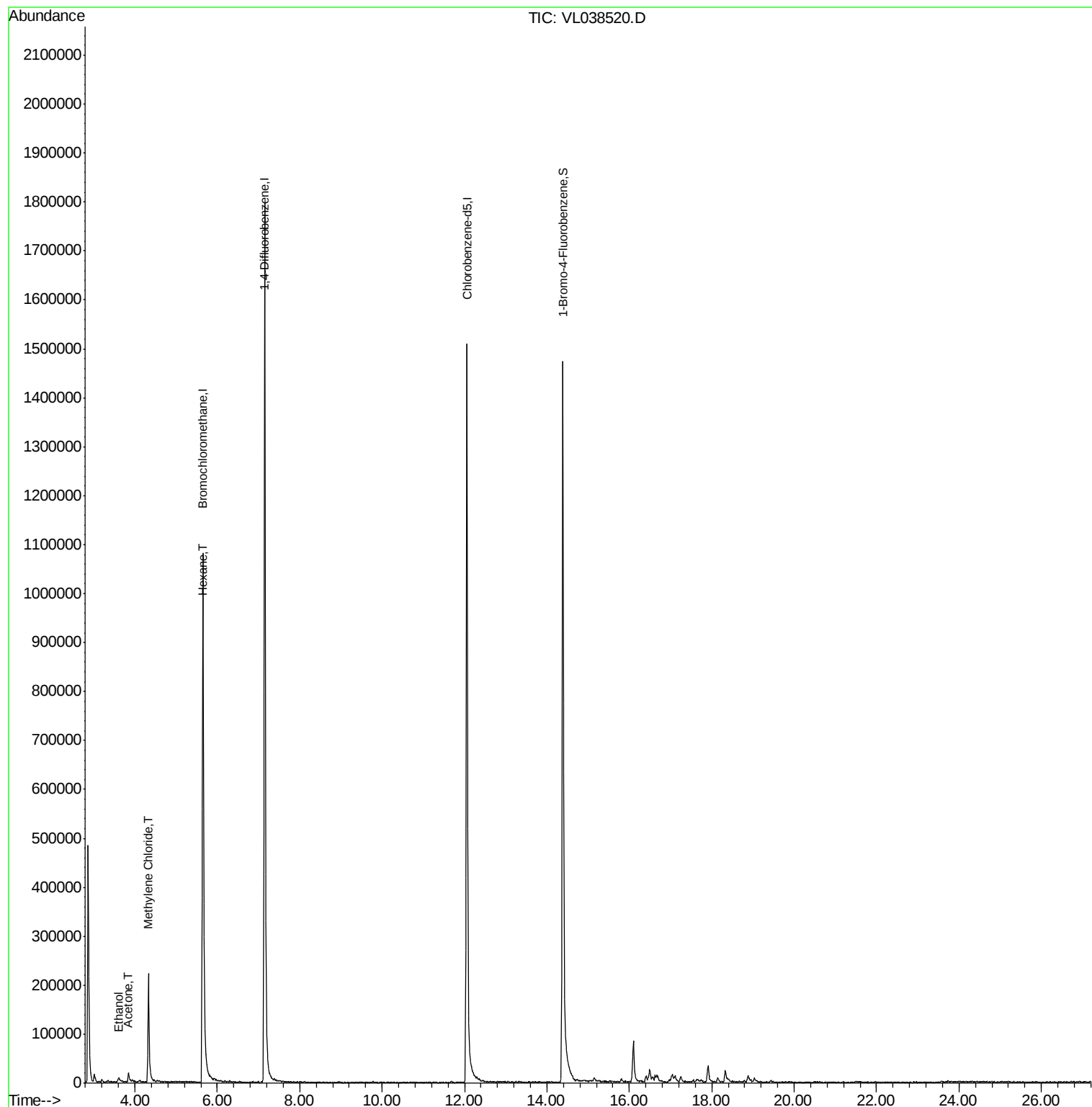
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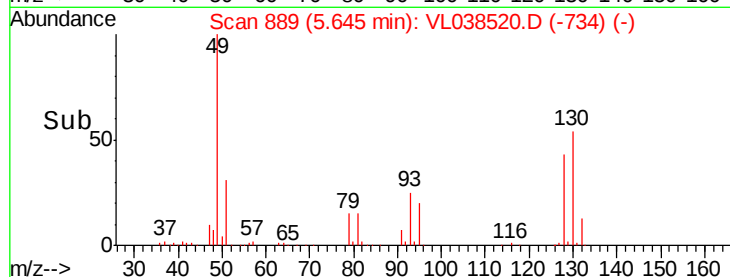
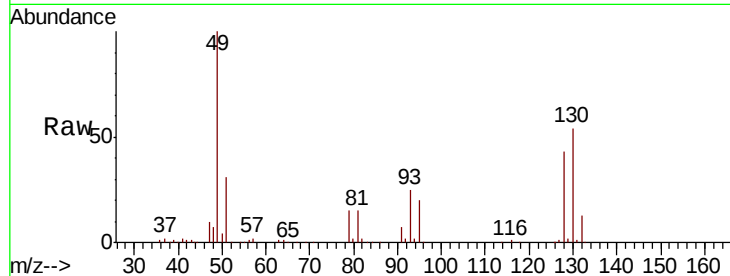
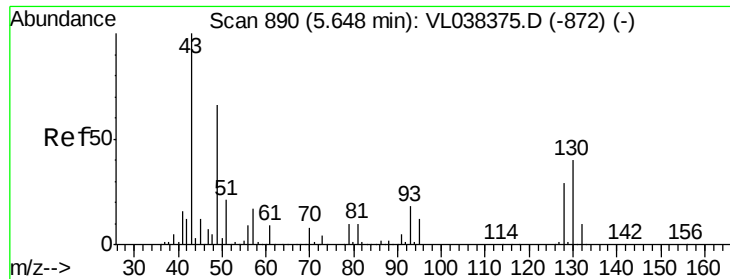
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ClientSampleId :
CAN 10588

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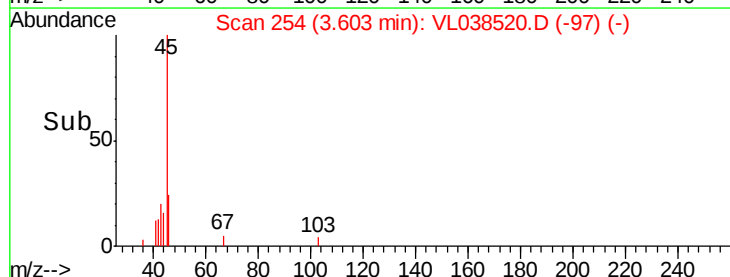
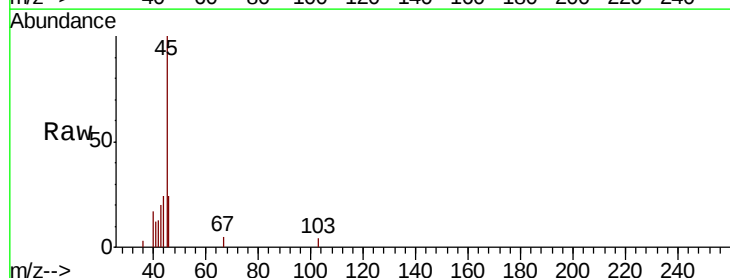
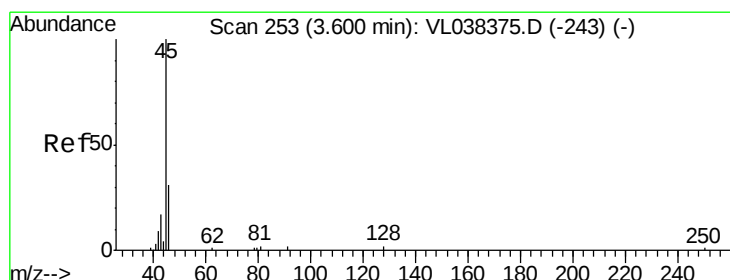
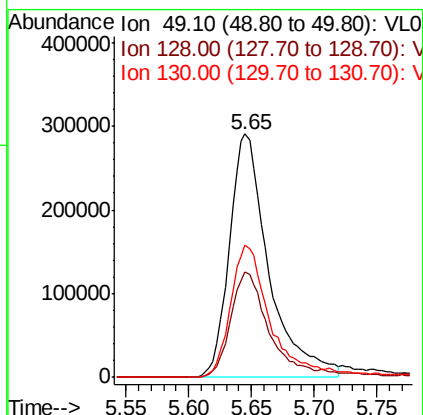


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 19:12

Tot Ion:
Ion Ratio
49 100
128 45.
130 57.

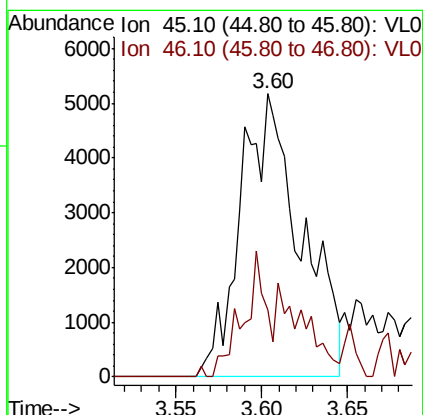
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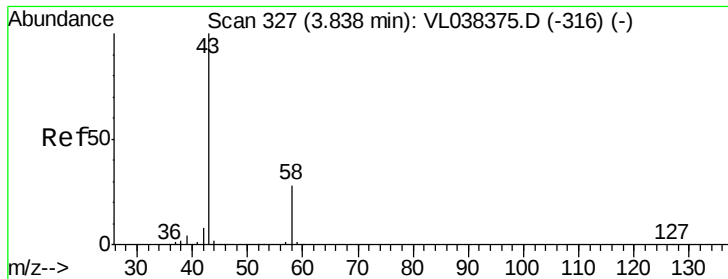
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#13
Ethanol
Concen: 3.434 ppbv m
RT: 3.60 min Scan# 254
Delta R.T. 0.00 min
Lab File: VL038520.D
Acq: 3 Mar 2022 19:12

Tgt Ion: 45 Resp: 12664
Ion Ratio Lower Upper
45 100
46 39.3 18.2 72.8



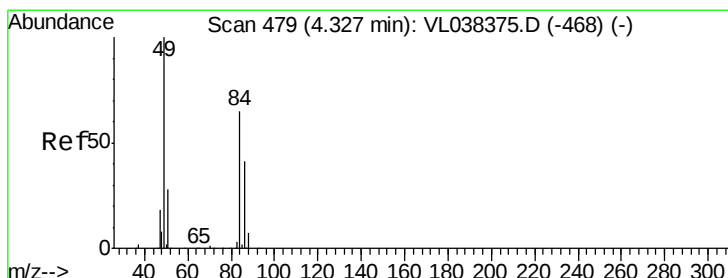
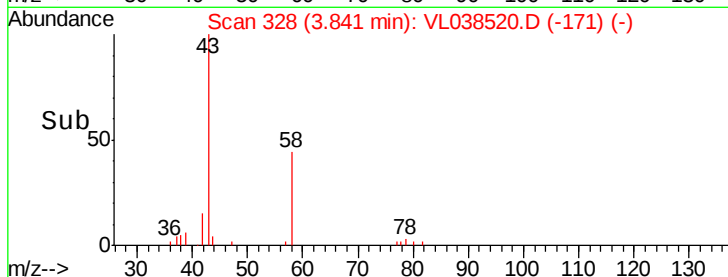
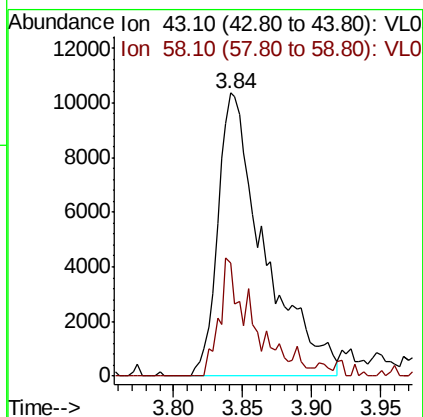
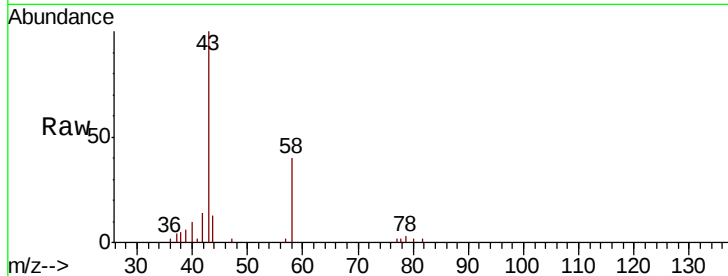


#15
Acetone
Concen: 0.452 ppbv m
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 19:12

Tot Ion:
Ion Ratio
43 100
58 32.

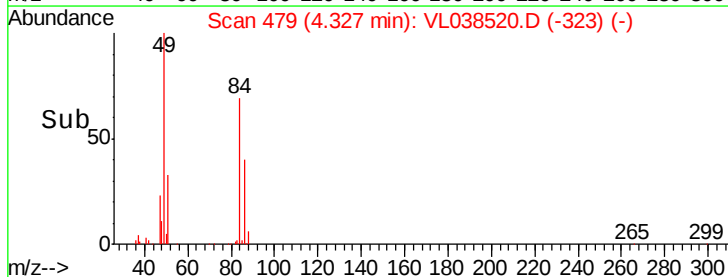
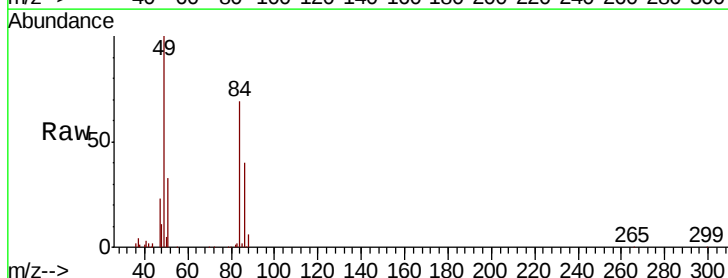
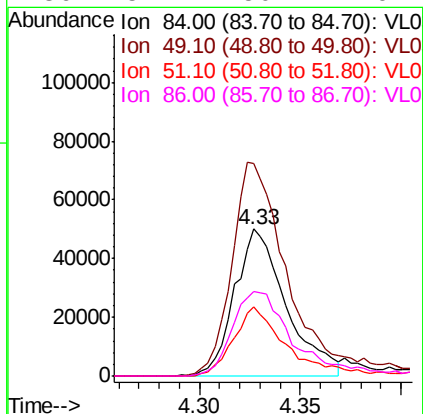
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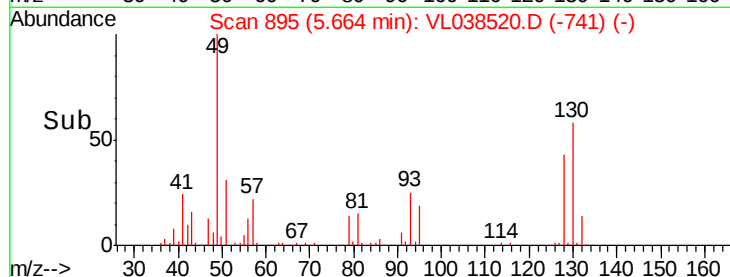
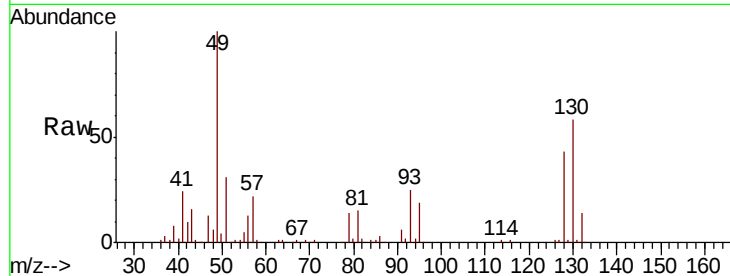
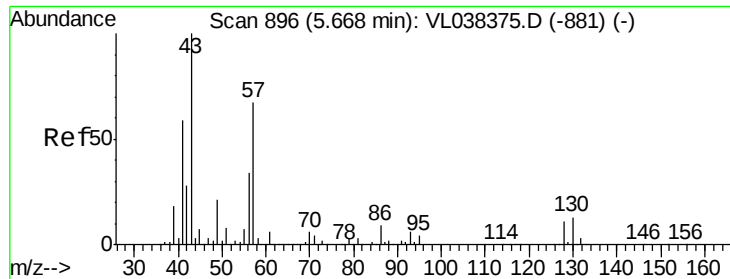
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#20
Methylene Chloride
Concen: 3.355 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.00 min
Lab File: VL038520.D
Acq: 3 Mar 2022 19:12

Tgt Ion: 84 Resp: 89597
Ion Ratio Lower Upper
84 100
49 144.0 122.4 183.6
51 47.1 33.3 49.9
86 57.7 50.7 76.1



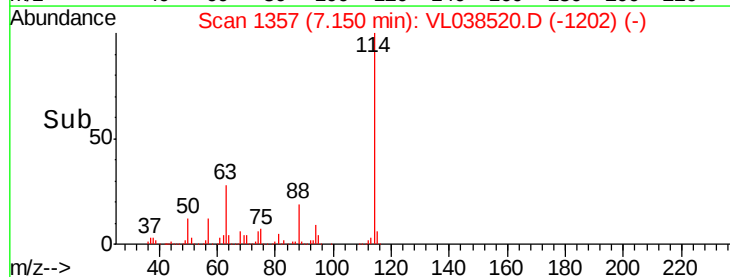
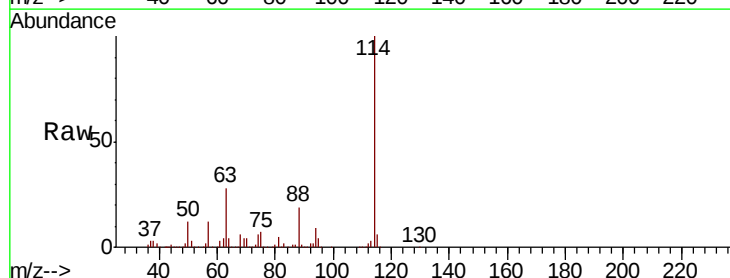
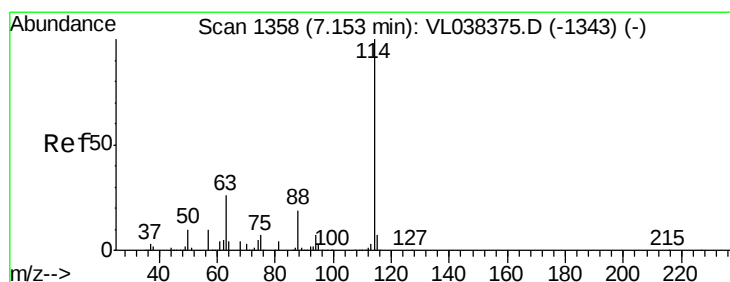
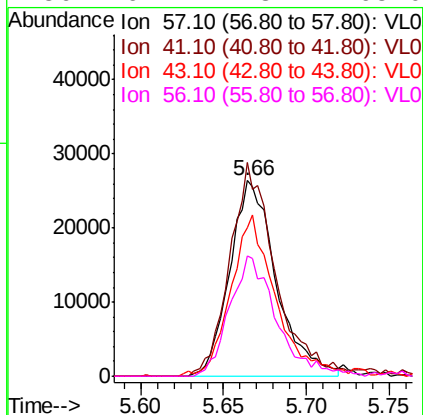


#26
Hexane
Concen: 0.786 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 19:12

Tot Ion:
Ion Ratio
57 100
41 110.
43 81.
56 62.4 43.4 65.0

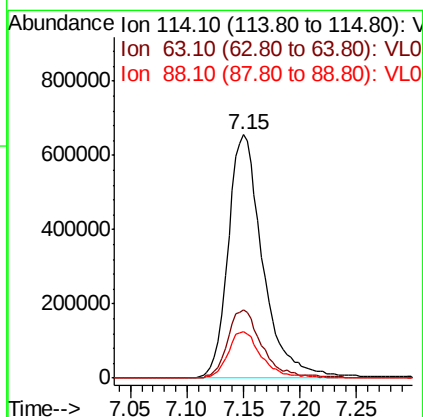
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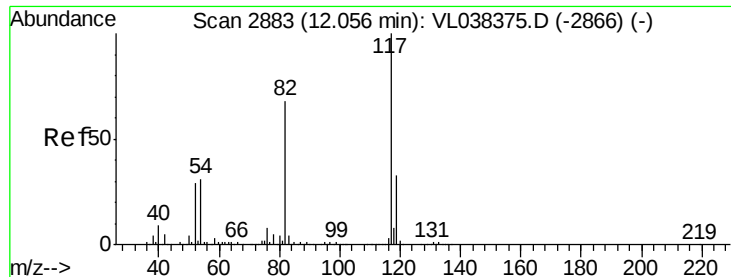
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Supervised By :Mahesh Dadoda 03/07/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL038520.D
Acq: 3 Mar 2022 19:12

Tgt Ion:114 Resp: 1394690
Ion Ratio Lower Upper
114 100
63 28.7 22.2 33.2
88 19.1 15.2 22.8



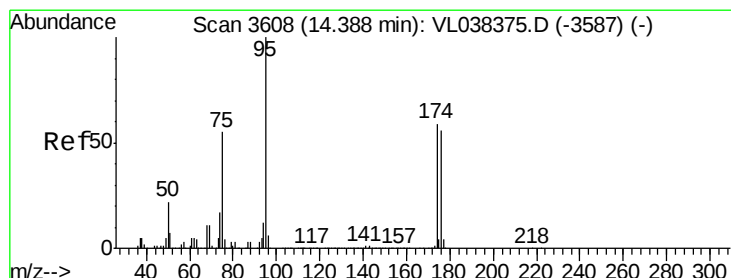
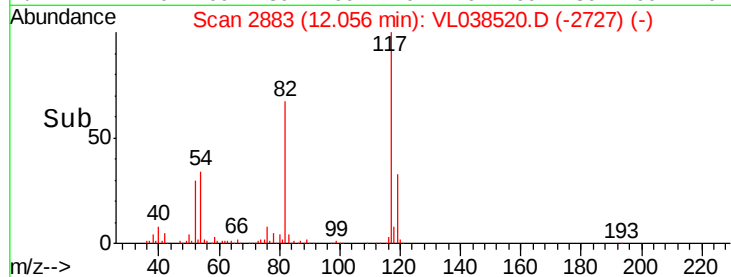
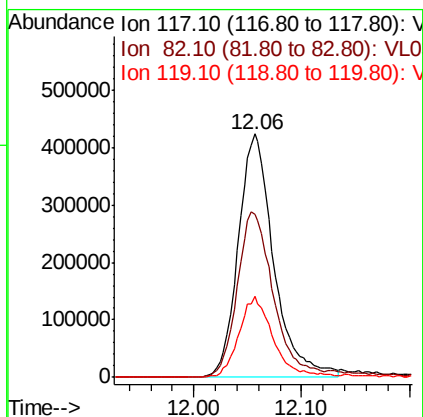
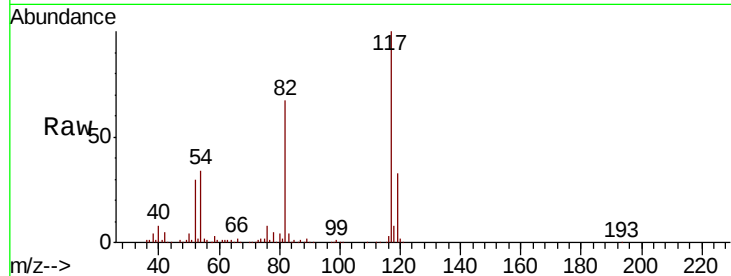


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 19:12

Tot Ion: 1
Ion Ratio
117 100
82 73.
119 33.

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.636 ppbv
RT: 14.39 min Scan# 3608
Delta R.T.: -0.00 min
Lab File: VL038520.D
Acq: 3 Mar 2022 19:12

Tgt Ion: 95 Resp: 775437
Ion Ratio Lower Upper
95 100
174 62.1 49.0 73.4
175 4.5 3.6 5.4

