

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039285.D
 Acq On : 14 Jun 2022 18:04
 Operator : SY/AP
 Sample : N3330-02DL2 200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SG-2DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

Quant Time: Jun 15 03:20:08 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 15 03:20:08 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.674	49	1205080	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3499414	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	3082303	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2366636	9.287	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.900%
Target Compounds						
3) Chlorodifluoromethane	3.002	51	42286	0.276	ppbv	93
13) Ethanol	3.626	45	36893m	10.118	ppbv	
15) Acetone	3.870	43	41338m	0.329	ppbv	
20) Methylene Chloride	4.353	84	118842	2.247	ppbv	96
25) Ethyl Acetate	5.697	43	77953m	0.276	ppbv	
52) Tetrachloroethene	11.230	164	360604	3.251	ppbv	91

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

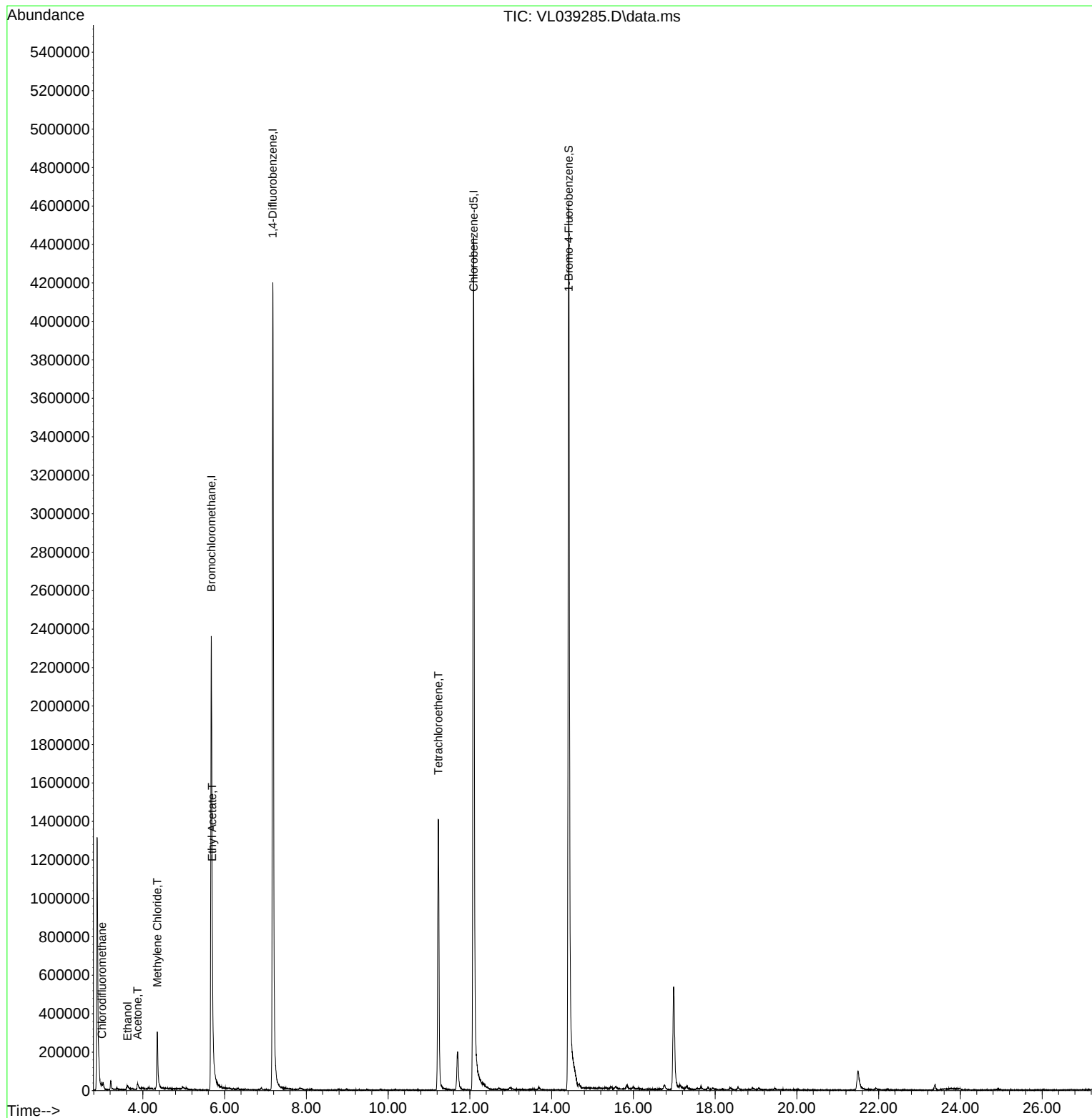
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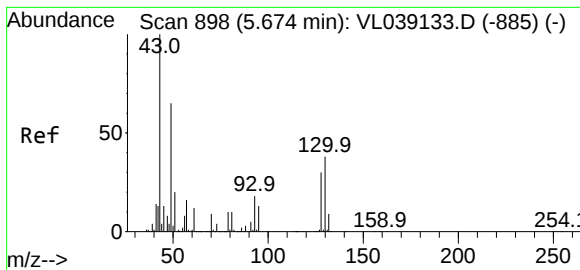
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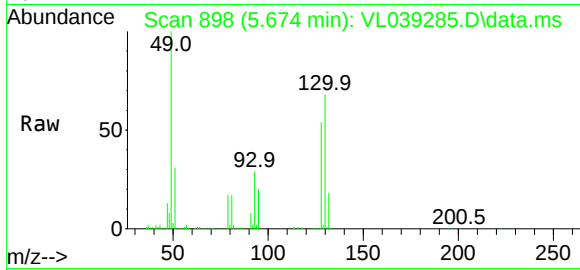
Quant Time: Jun 15 03:20:08 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.000 min
Lab File: VL039285.D
Acq: 14 Jun 2022 18:04

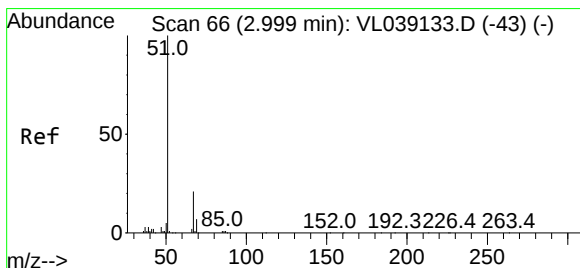
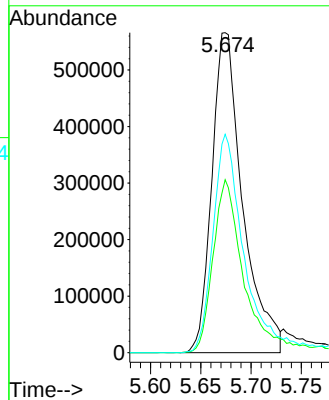
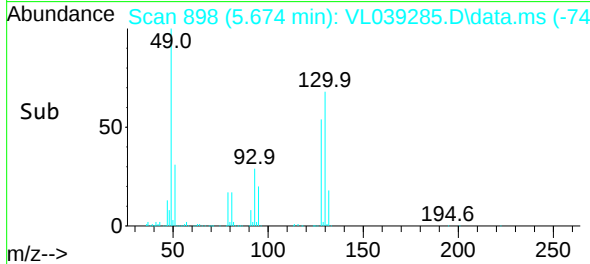
Instrument :
MSVOA_L
Client Sample Id :
OTC-SG-2DL2



Tgt Ion: 49 Resp: 1205080
Ion Ratio Lower Upper
49 100
128 56.6 24.7 74.1
130 73.7 31.4 94.0

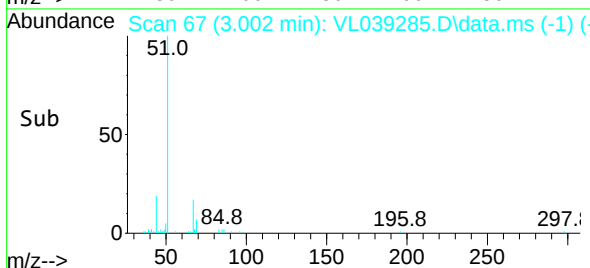
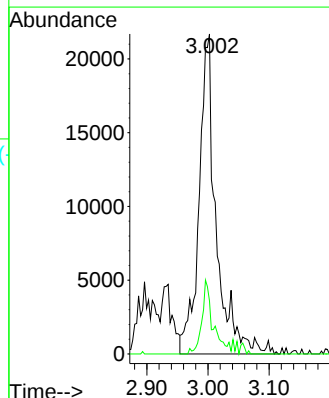
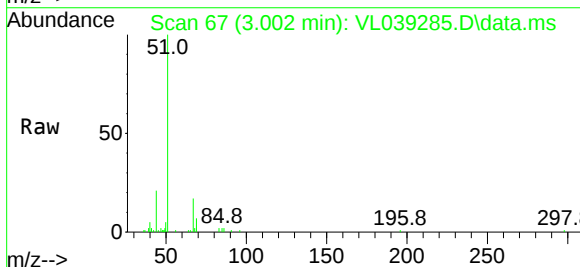
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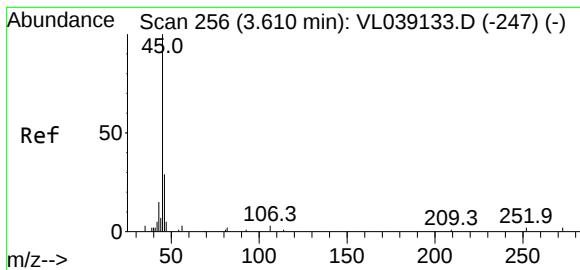
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#3
Chlorodifluoromethane
Concen: 0.276 ppbv
RT: 3.002 min Scan# 67
Delta R.T. 0.003 min
Lab File: VL039285.D
Acq: 14 Jun 2022 18:04

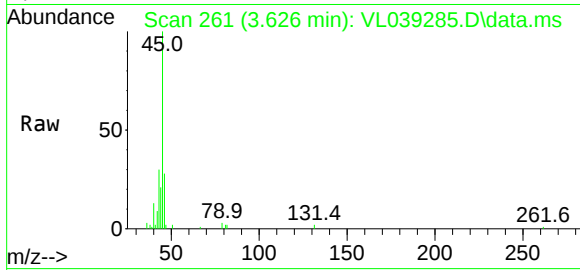
Tgt Ion: 51 Resp: 42286
Ion Ratio Lower Upper
51 100
67 16.8 16.2 24.4





#13
Ethanol
Concen: 10.118 ppbv m
RT: 3.626 min Scan# 210
Delta R.T. 0.016 min
Lab File: VL039285.D
Acq: 14 Jun 2022 18:04

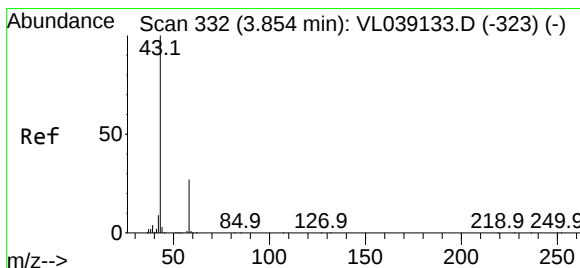
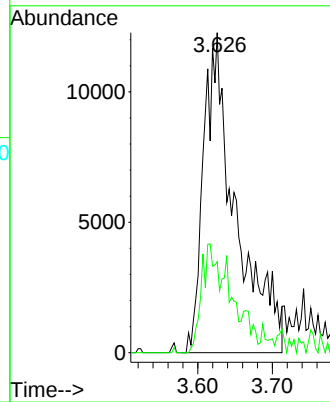
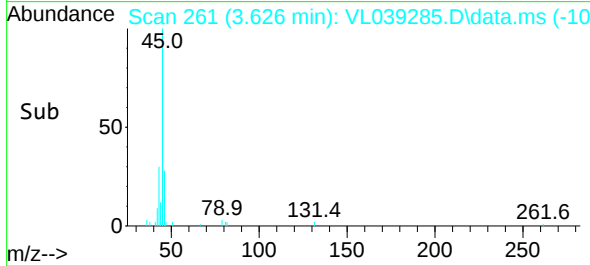
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL2



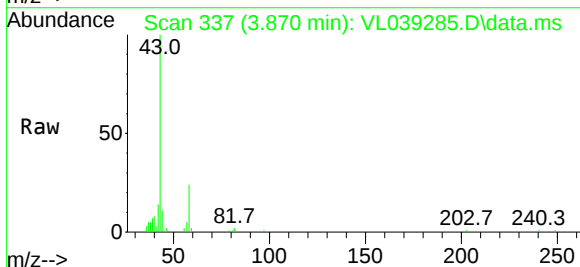
Tgt Ion: 45 Resp: 3689
Ion Ratio Lower Upper
45 100
46 34.9 0.0 0.0

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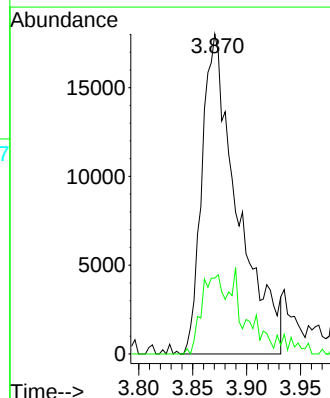
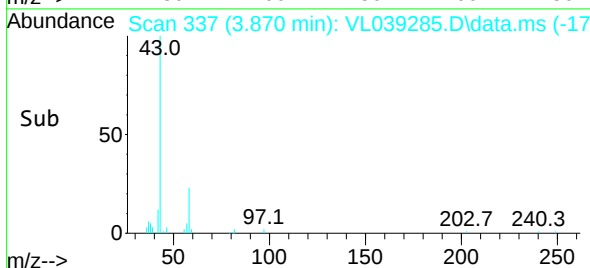
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Supervised By :Mahesh Dadoda 06/16/2022

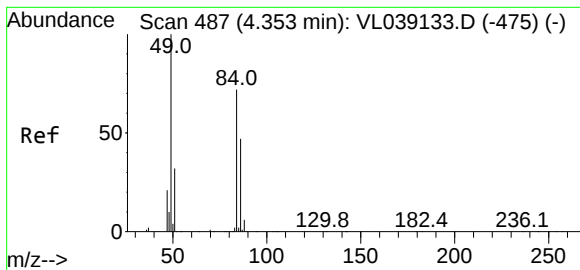


#15
Acetone
Concen: 0.329 ppbv m
RT: 3.870 min Scan# 337
Delta R.T. 0.016 min
Lab File: VL039285.D
Acq: 14 Jun 2022 18:04



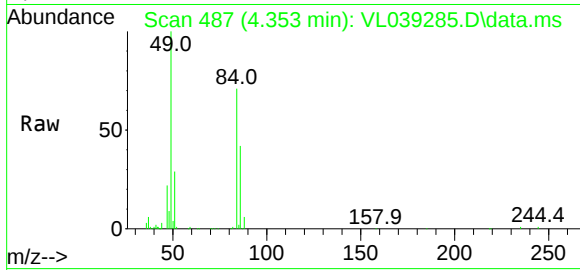
Tgt Ion: 43 Resp: 41338
Ion Ratio Lower Upper
43 100
58 0.0 22.5 33.7





#20
Methylene Chloride
Concen: 2.247 ppbv
RT: 4.353 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039285.D
Acq: 14 Jun 2022 18:04

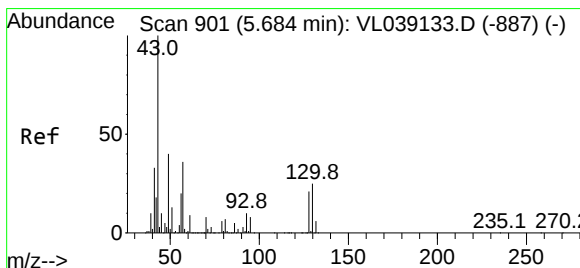
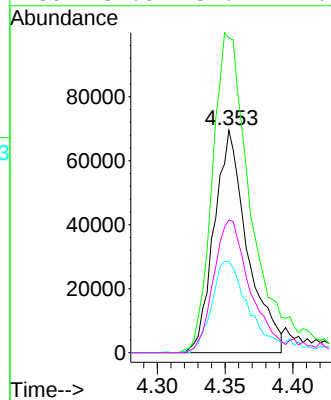
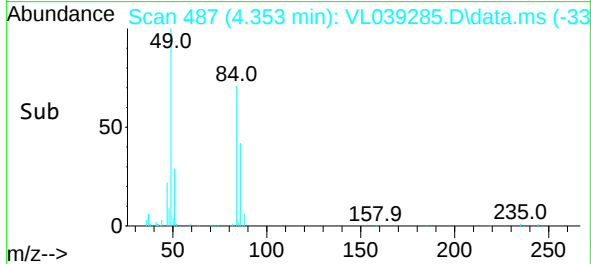
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL2



Tgt Ion: 84 Resp: 11884
Ion Ratio Lower Upper
84 100
49 141.1 111.1 166.7
51 40.9 35.3 52.9
86 59.6 51.9 77.9

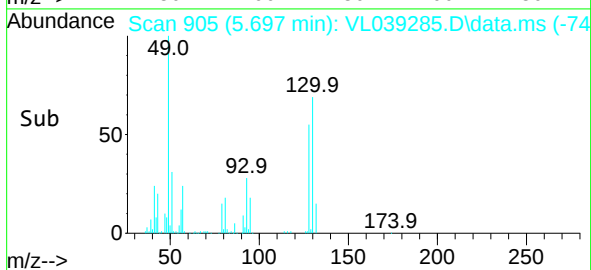
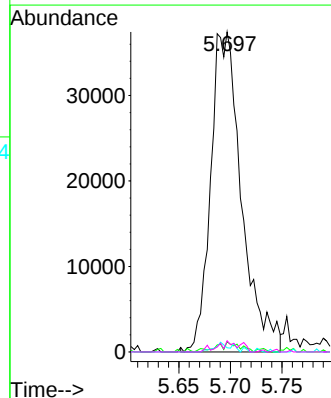
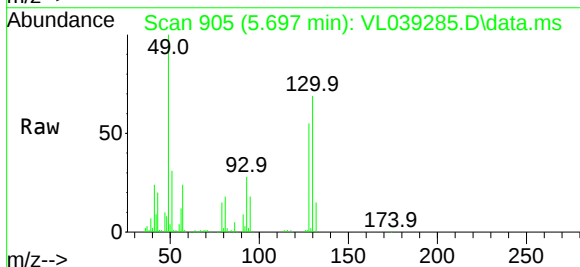
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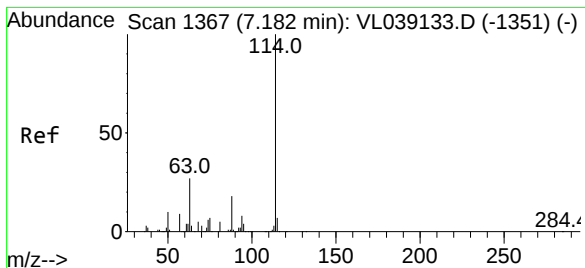
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Supervised By :Mahesh Dadoda 06/16/2022



#25
Ethyl Acetate
Concen: 0.276 ppbv m
RT: 5.697 min Scan# 905
Delta R.T. 0.013 min
Lab File: VL039285.D
Acq: 14 Jun 2022 18:04

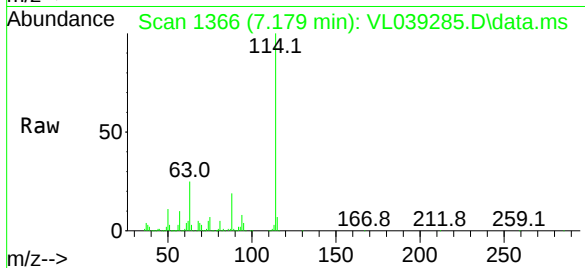
Tgt Ion: 43 Resp: 77953
Ion Ratio Lower Upper
43 100
45 0.0 8.2 12.2#
61 1.9 8.4 12.6#
70 0.0 5.6 8.4#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL039285.D
Acq: 14 Jun 2022 18:04

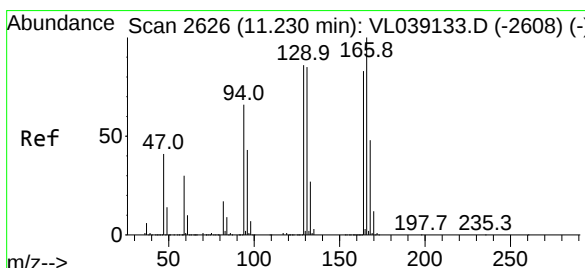
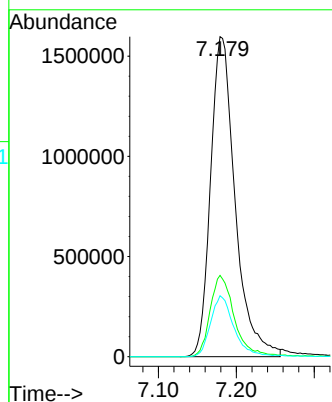
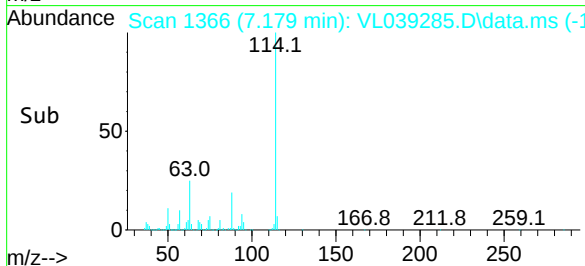
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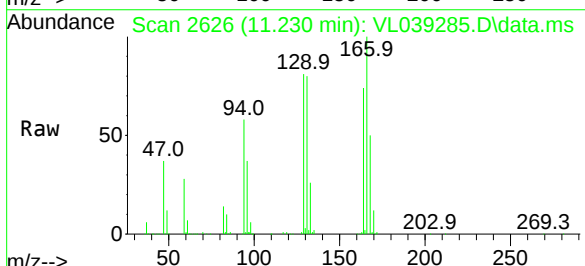
Tgt Ion:114 Resp: 3499414
Ion Ratio Lower Upper
114 100
63 25.5 21.7 32.5
88 18.4 14.8 22.2

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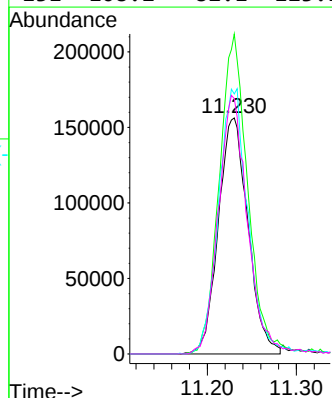
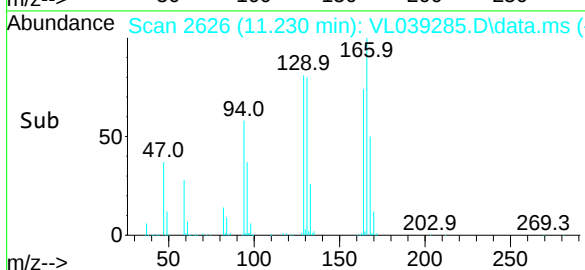
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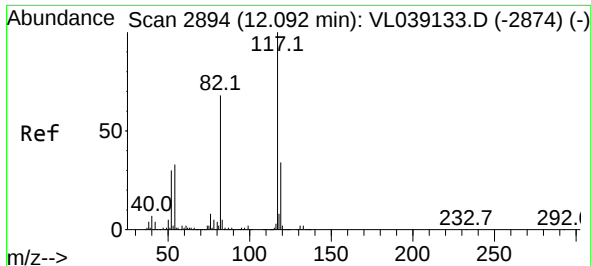


#52
Tetrachloroethene
Concen: 3.251 ppbv
RT: 11.230 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VL039285.D
Acq: 14 Jun 2022 18:04



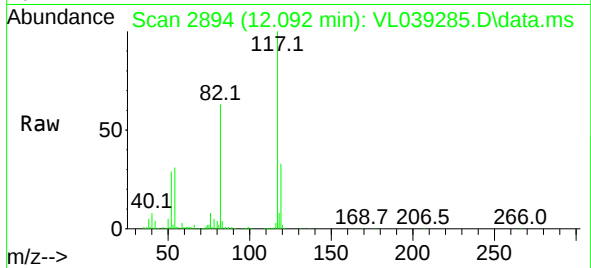
Tgt Ion:164 Resp: 360604
Ion Ratio Lower Upper
164 100
166 135.6 96.3 144.5
129 109.8 82.5 123.7
131 108.2 82.1 123.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VL039285.D
Acq: 14 Jun 2022 18:04

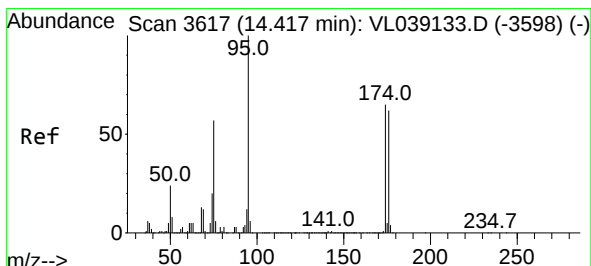
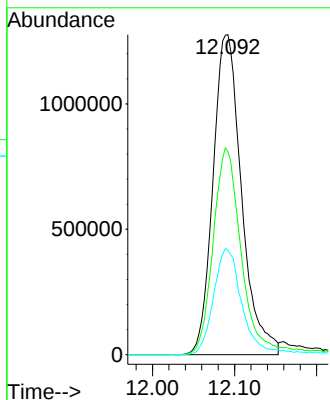
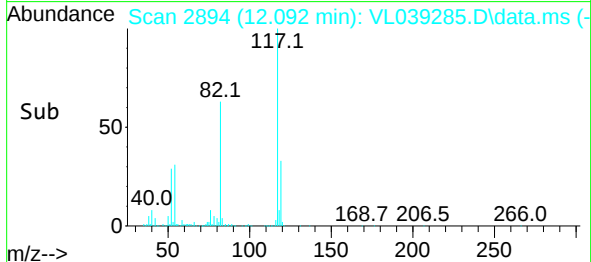
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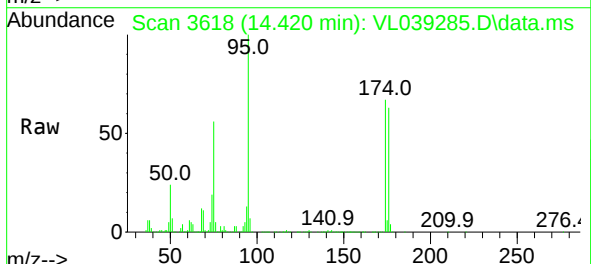
Tgt Ion: 117 Resp: 308230
Ion Ratio Lower Upper
117 100
82 66.7 55.1 82.7
119 34.3 24.7 37.1

Manual Integrations
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Supervised By :Mahesh Dadoda 06/16/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.287 ppbv
RT: 14.420 min Scan# 3618
Delta R.T. 0.003 min
Lab File: VL039285.D
Acq: 14 Jun 2022 18:04



Tgt Ion: 95 Resp: 2366636
Ion Ratio Lower Upper
95 100
174 72.4 53.8 80.8
175 5.3 4.1 6.1

