

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039414.D
 Acq On : 30 Jun 2022 3:08
 Operator : SY/AP
 Sample : N3530-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 30 05:47:13 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LThu Jun 30 05:47:13 2022

QLast Update : Thu Jun 30 05:40:11 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	1343328	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	3740788	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.066	117	3243393	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2432739	10.111	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
9) Propene	3.018	41	28719m	0.373	ppbv	
13) Ethanol	3.610	45	14647m	3.280	ppbv	
15) Acetone	3.841	43	1785455	11.235	ppbv	97
17) tert-Butyl alcohol	4.298	59	46218	0.343	ppbv #	91
20) Methylene Chloride	4.340	84	26542	0.419	ppbv	97
26) Hexane	5.674	57	40857	0.311	ppbv #	34
34) 2-Butanone	5.240	43	84326	0.448	ppbv #	88

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

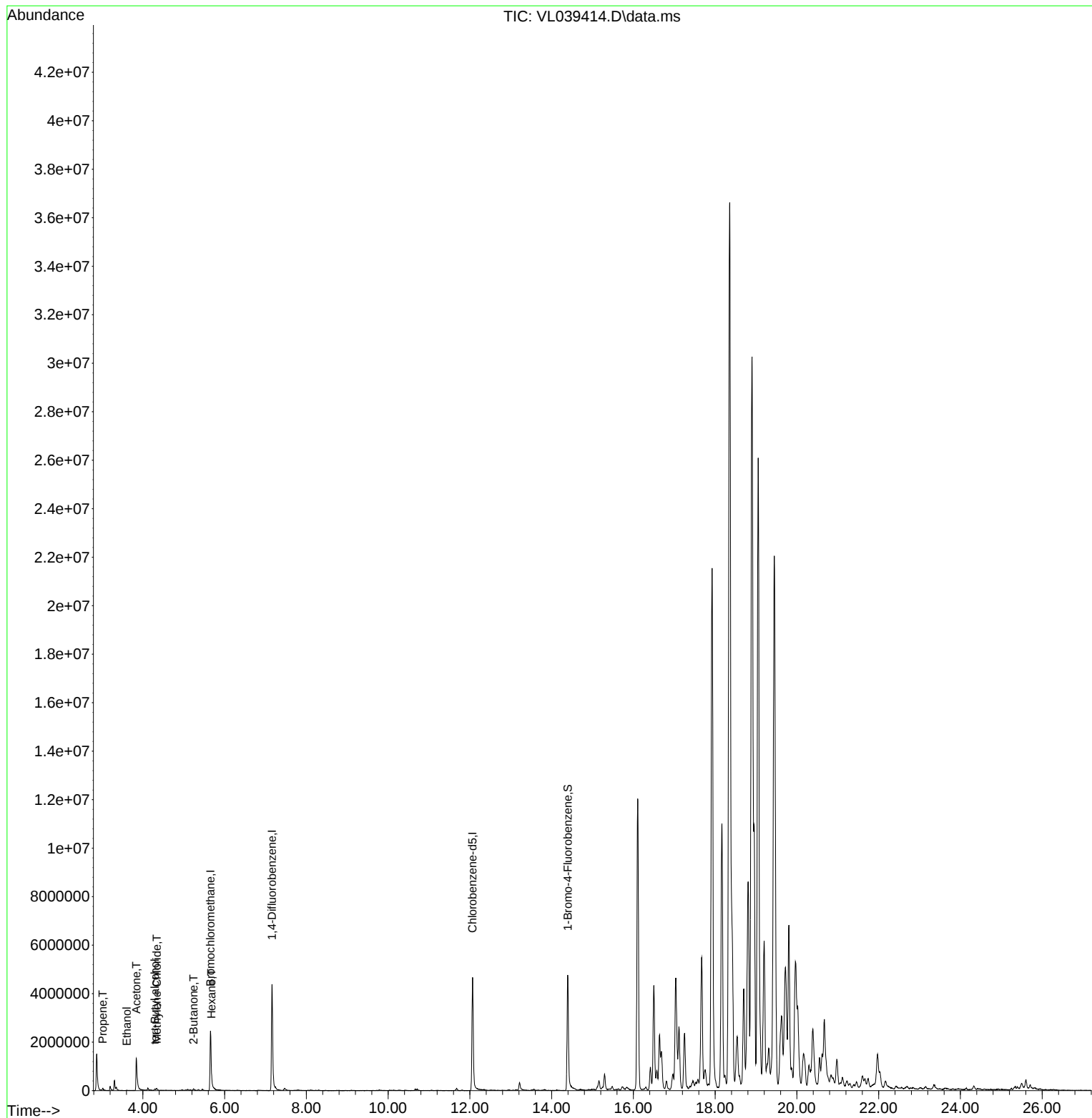
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039414.D
Acq On : 30 Jun 2022 3:08
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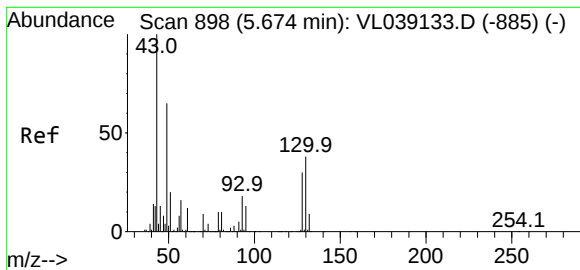
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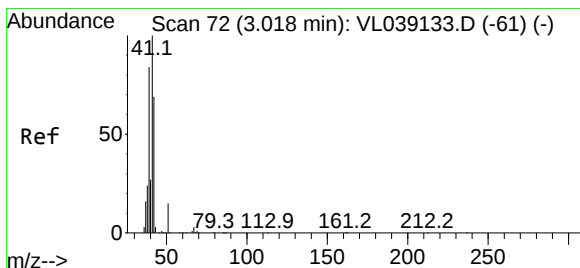
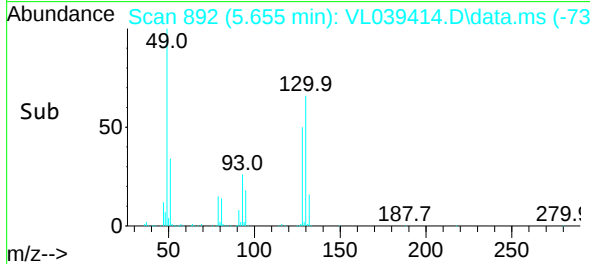
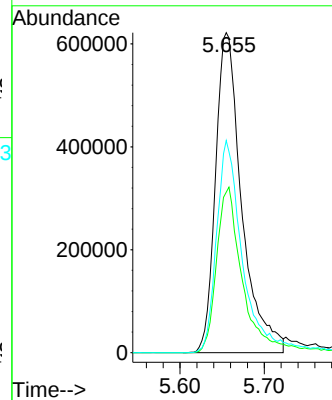
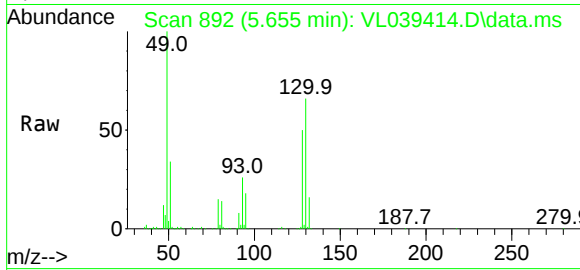
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 89
Delta R.T. 0.003 min
Lab File: VL039414.D
Acq: 30 Jun 2022 3:08

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 1343328
Ion Ratio Lower Upper
49 100
128 52.6 26.7 80.0
130 68.1 34.3 102.8

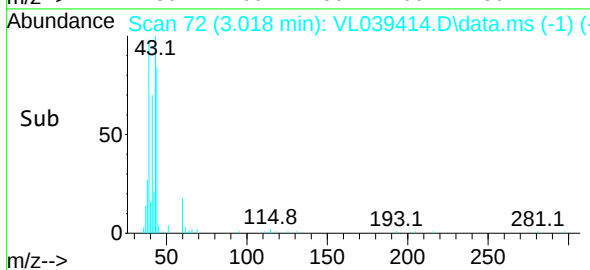
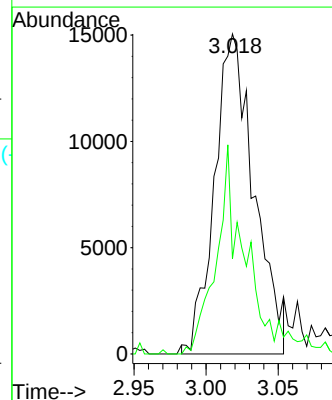
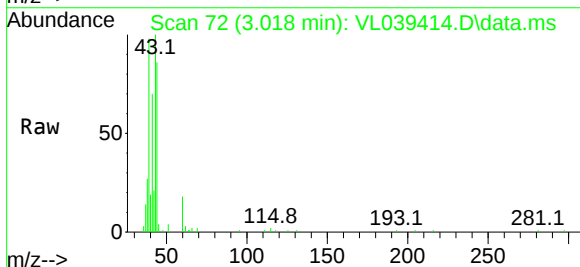
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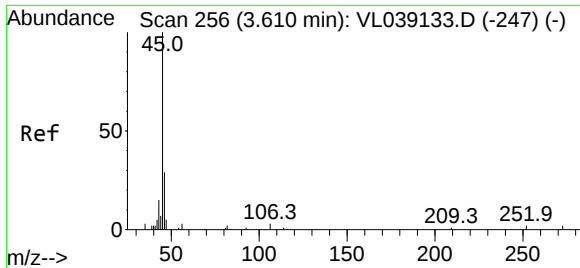
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#9
Propene
Concen: 0.373 ppbv m
RT: 3.018 min Scan# 72
Delta R.T. 0.016 min
Lab File: VL039414.D
Acq: 30 Jun 2022 3:08

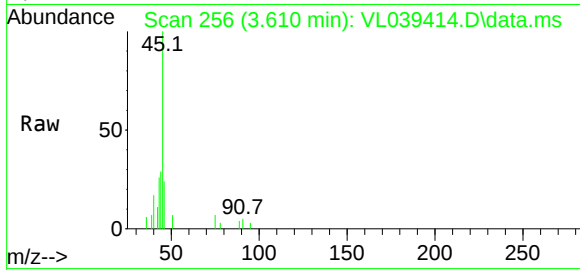
Tgt Ion: 41 Resp: 28719
Ion Ratio Lower Upper
41 100
42 50.2 55.2 82.8#





#13
Ethanol
Concen: 3.280 ppbv m
RT: 3.610 min Scan# 214
Delta R.T. 0.016 min
Lab File: VL039414.D
Acq: 30 Jun 2022 3:08

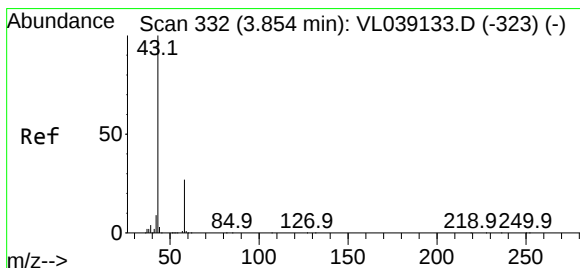
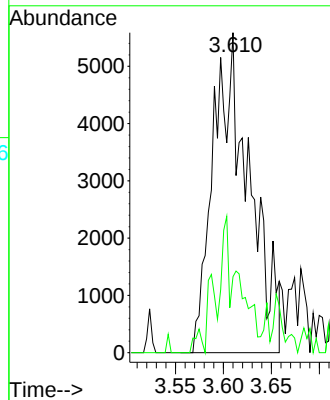
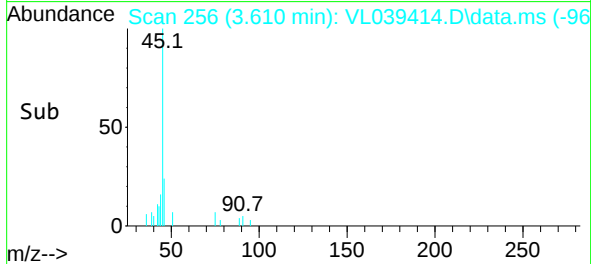
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 45 Resp: 1464
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

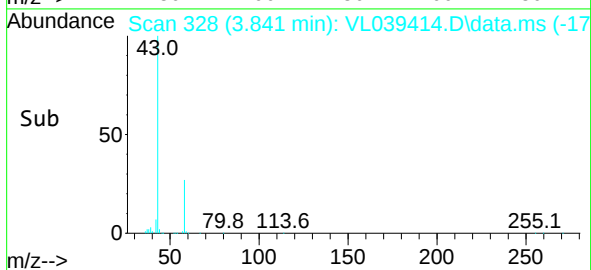
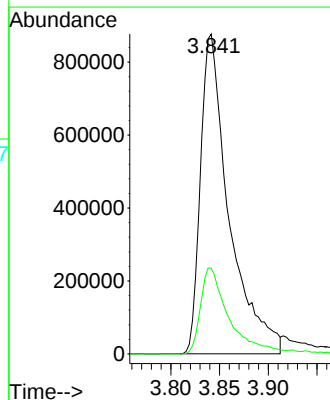
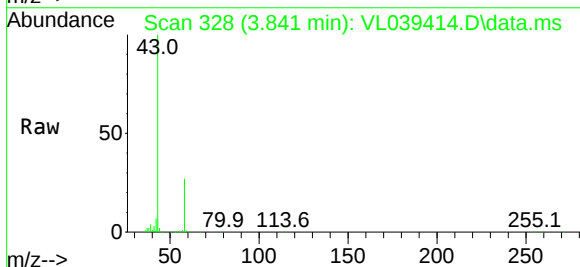
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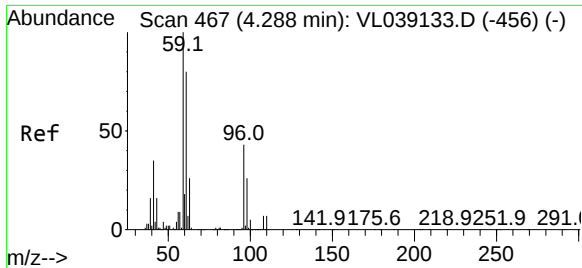
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#15
Acetone
Concen: 11.235 ppbv
RT: 3.841 min Scan# 328
Delta R.T. 0.006 min
Lab File: VL039414.D
Acq: 30 Jun 2022 3:08

Tgt Ion: 43 Resp: 1785455
Ion Ratio Lower Upper
43 100
58 27.8 21.0 31.6





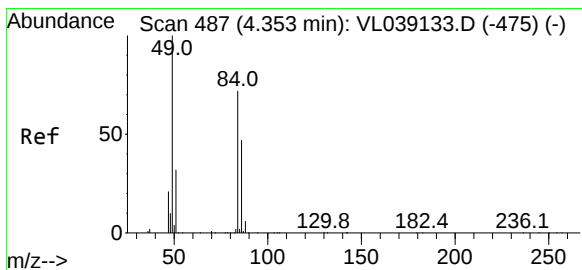
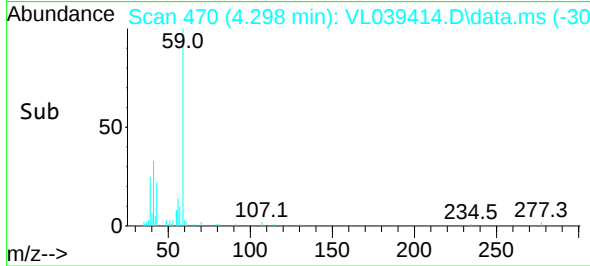
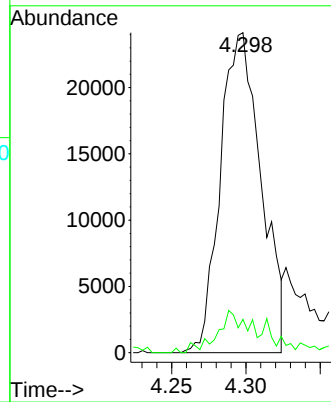
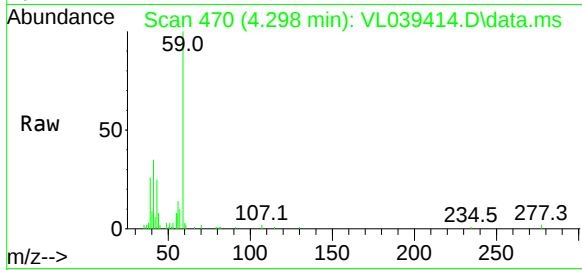
#17
tert-Butyl alcohol
Concen: 0.343 ppbv
RT: 4.298 min Scan# 467
Delta R.T. 0.029 min
Lab File: VL039414.D
Acq: 30 Jun 2022 3:08

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 59 Resp: 46218
Ion Ratio Lower Upper
59 100
57 14.4 8.7 13.1

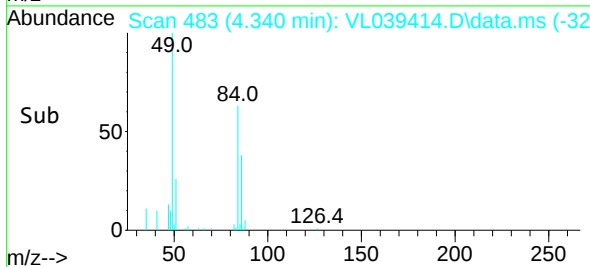
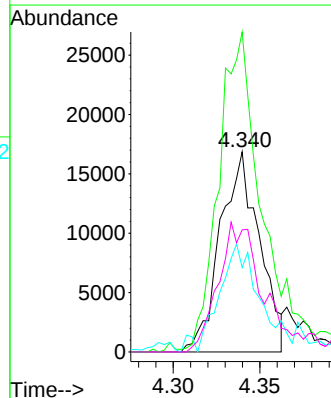
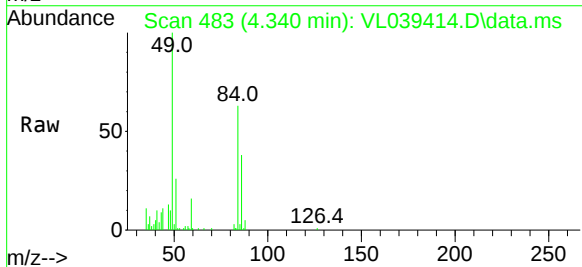
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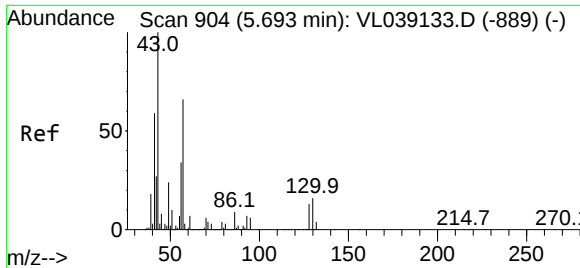
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#20
Methylene Chloride
Concen: 0.419 ppbv
RT: 4.340 min Scan# 483
Delta R.T. 0.010 min
Lab File: VL039414.D
Acq: 30 Jun 2022 3:08

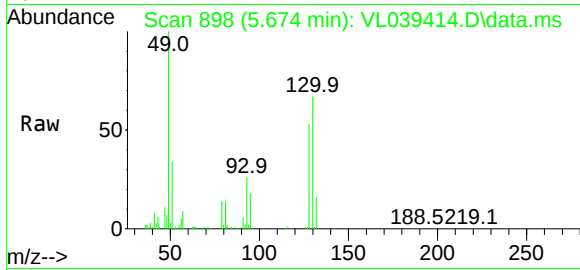
Tgt Ion: 84 Resp: 26542
Ion Ratio Lower Upper
84 100
49 158.6 123.1 184.7
51 42.2 34.4 51.6
86 61.0 51.1 76.7





#26
Hexane
Concen: 0.311 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.003 min
Lab File: VL039414.D
Acq: 30 Jun 2022 3:08

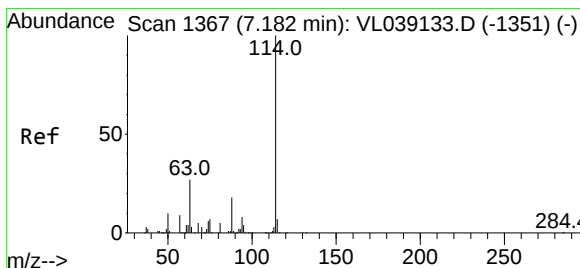
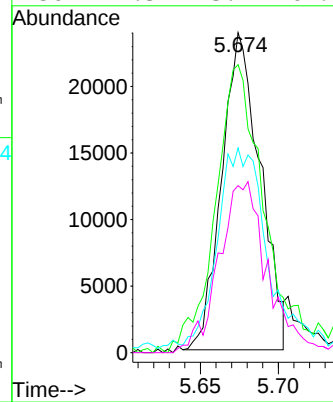
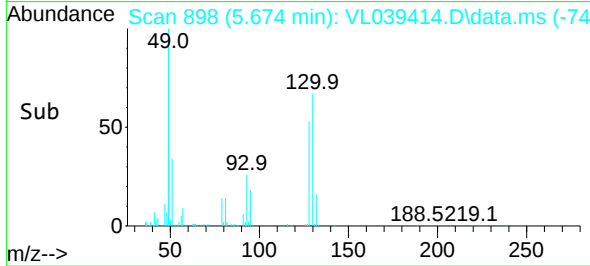
Instrument :
MSVOA_L
Client SampleId :
SV1DL



Tgt Ion: 57 Resp: 4085
Ion Ratio Lower Upper
57 100
41 122.4 76.9 115.3
43 84.7 191.0 286.6
56 71.3 43.2 64.8

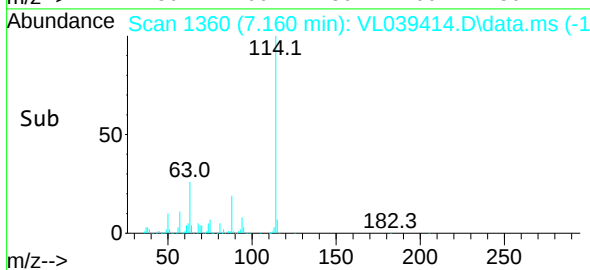
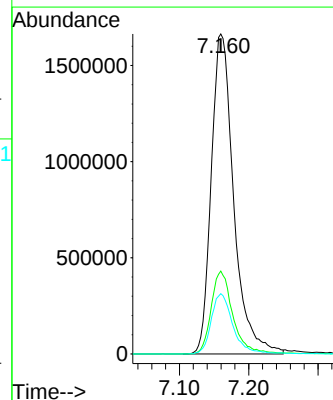
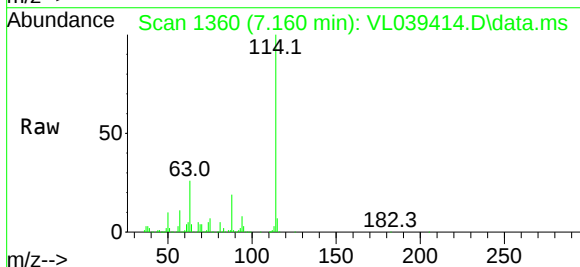
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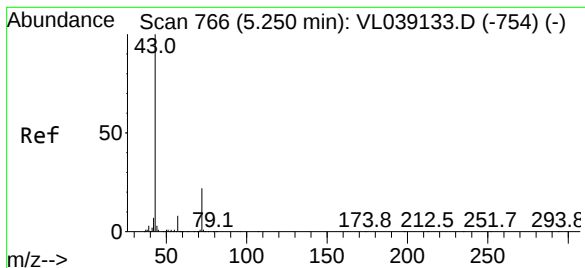
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VL039414.D
Acq: 30 Jun 2022 3:08

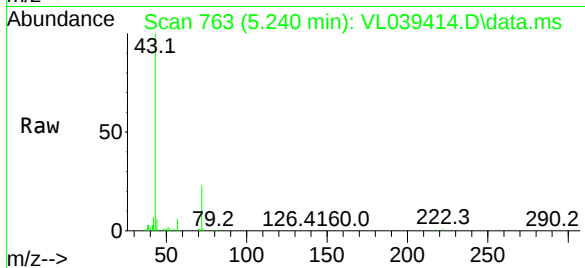
Tgt Ion:114 Resp: 3740788
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.4 14.5 21.7





#34
2-Butanone
Concen: 0.448 ppbv
RT: 5.240 min Scan# 766
Delta R.T. 0.016 min
Lab File: VL039414.D
Acq: 30 Jun 2022 3:08

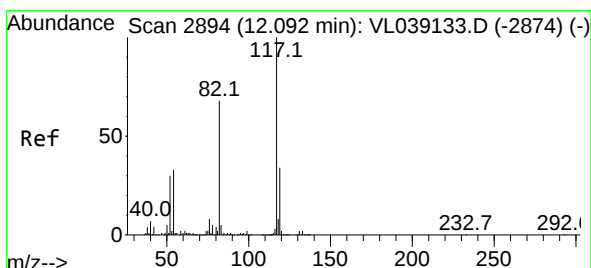
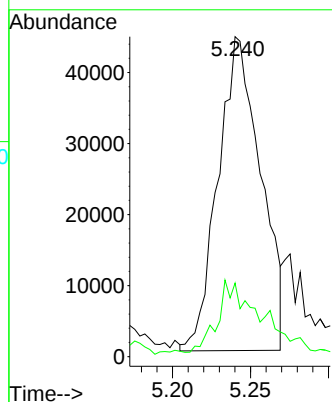
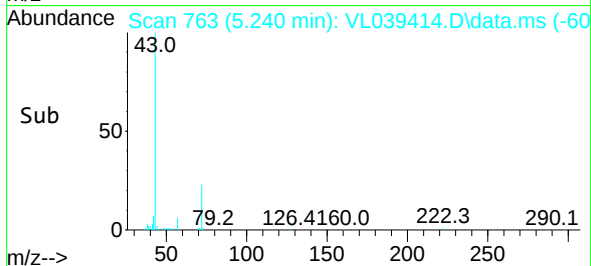
Instrument :
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ClientSampleId :
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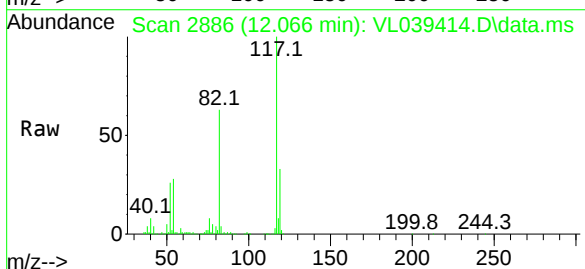
Tgt Ion: 43 Resp: 84320
Ion Ratio Lower Upper
43 100
72 28.0 17.9 26.9

Manual Integrations
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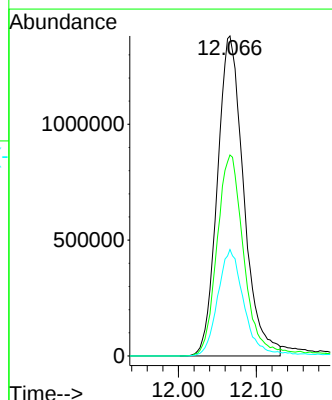
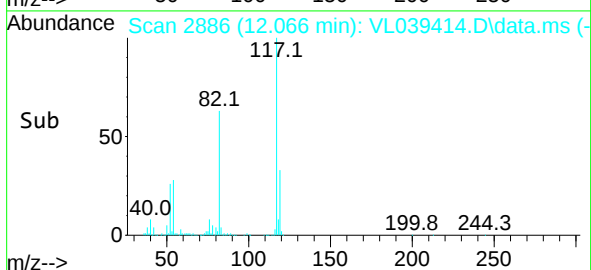
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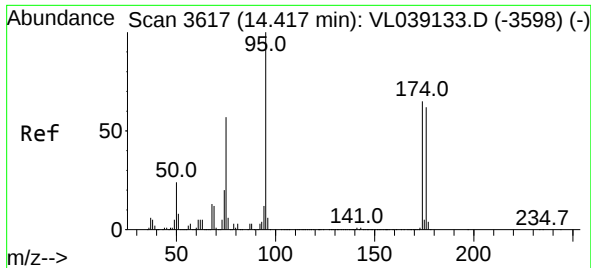


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.000 min
Lab File: VL039414.D
Acq: 30 Jun 2022 3:08



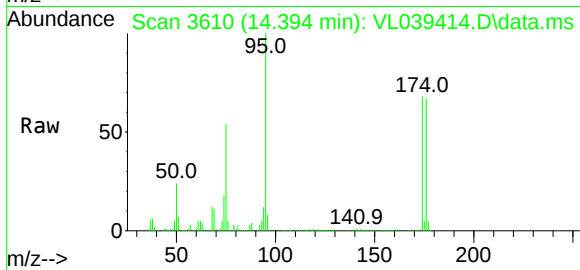
Tgt Ion:117 Resp: 3243393
Ion Ratio Lower Upper
117 100
82 66.6 50.8 76.2
119 33.8 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.111 ppbv
 RT: 14.394 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL039414.D
 Acq: 30 Jun 2022 3:08

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion: 95 Resp: 2432739
 Ion Ratio Lower Upper
 95 100
 174 72.9 55.9 83.9
 175 5.2 4.2 6.4

Manual Integrations
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