

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039195.D
 Acq On : 6 Jun 2022 22:00
 Operator : SY/AP
 Sample : N3110-05DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-10DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 03:20:38 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 07 03:20:38 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	5.661	49	1158842	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.166	114	3235331	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.076	117	2809618	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	2215238	9.537	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%
Target Compounds						
					Qvalue	
9) Propene	3.018	41	16891m	0.263	ppbv	
11) Trichlorofluoromethane	3.947	101	114018	0.619	ppbv	92
13) Ethanol	3.610	45	18625m	5.312	ppbv	
15) Acetone	3.851	43	597226	4.947	ppbv	92
17) tert-Butyl alcohol	4.301	59	27034m	0.289	ppbv	
19) Isopropyl Alcohol	3.976	45	18222m	0.322	ppbv	
20) Methylene Chloride	4.343	84	74740	1.469	ppbv	98
26) Hexane	5.684	57	138092	1.155	ppbv #	41
34) 2-Butanone	5.253	43	69761m	0.397	ppbv	
38) Trichloroethene	7.828	130	3929m	0.033	ppbv	
52) Tetrachloroethene	11.217	164	33013m	0.322	ppbv	
53) Toluene	9.799	91	57737m	0.191	ppbv	
59) m/p-Xylene	12.953	91	106722m	0.313	ppbv	
60) o-Xylene	13.674	91	46516m	0.145	ppbv	
74) 1,2,4-Trimethylbenzene	16.748	105	59336m	0.157	ppbv	

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

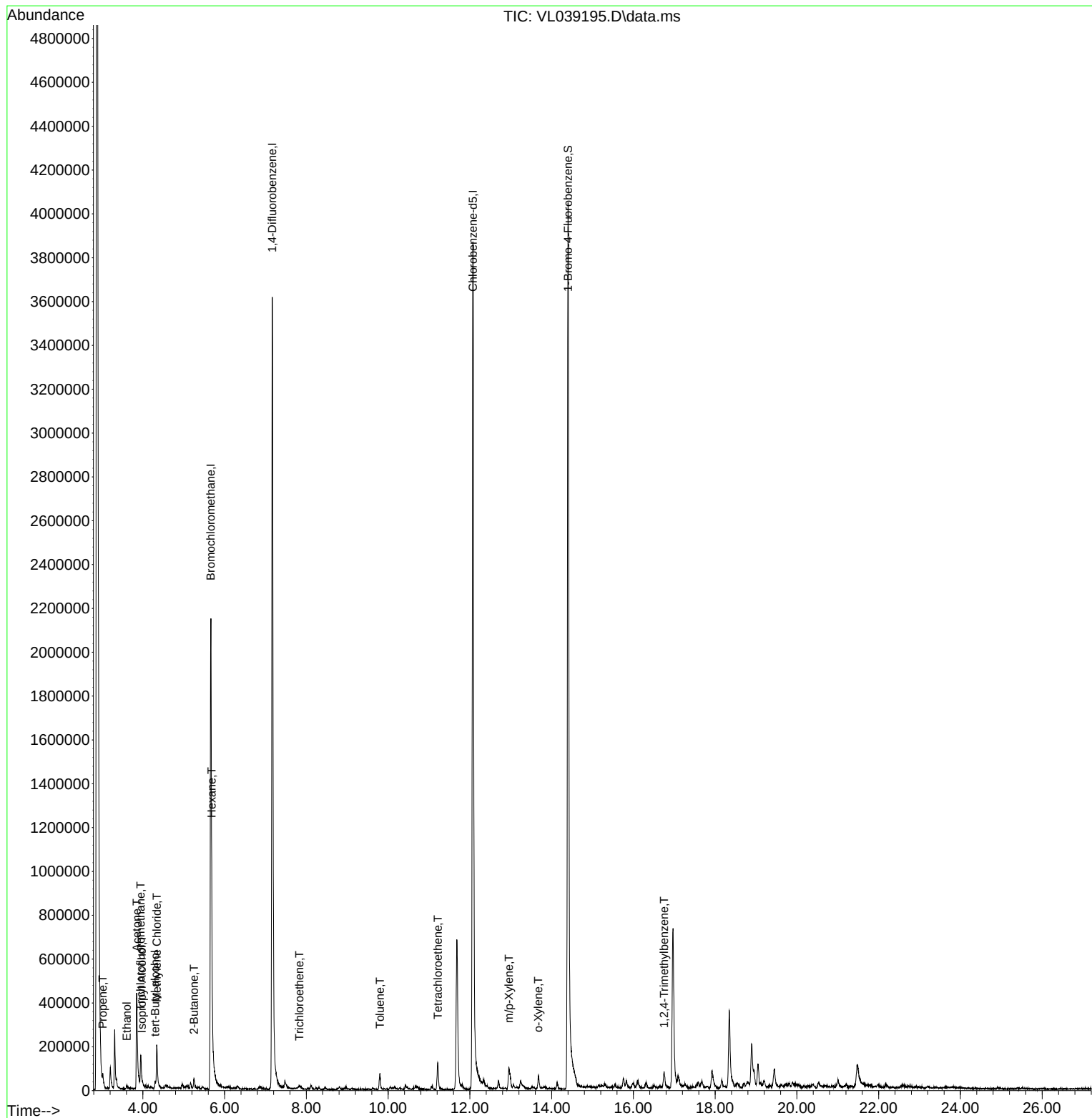
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
Data File : VL039195.D
Acq On : 6 Jun 2022 22:00
Operator : SY/AP
Sample : N3110-05DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

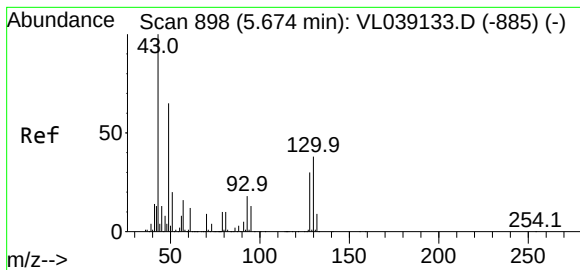
Instrument :
MSVOA_L
ClientSampleId :
SG-10DL

Quant Time: Jun 07 03:20:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

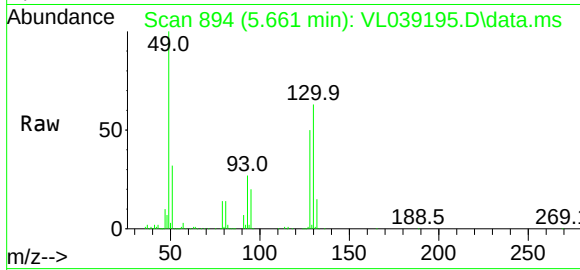
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 898
Delta R.T. -0.013 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

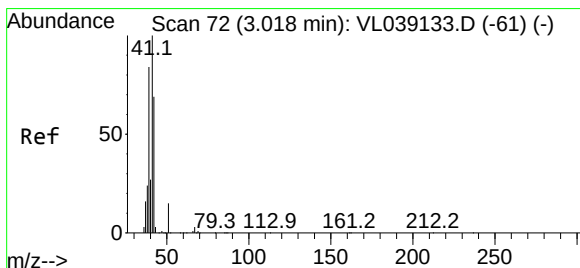
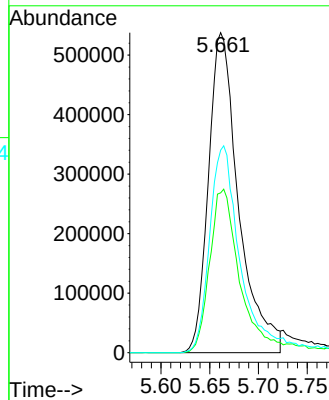
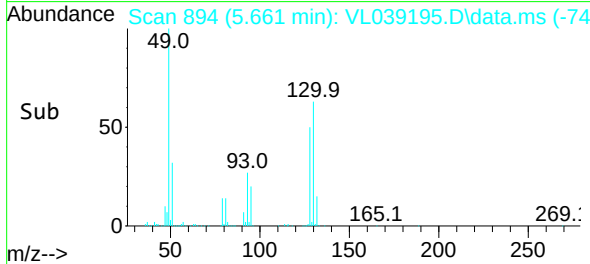
Instrument :
MSVOA_L
ClientSampleId :
SG-10DL



Tgt Ion: 49 Resp: 115884
Ion Ratio Lower Upper
49 100
128 53.9 24.7 74.1
130 68.3 31.4 94.0

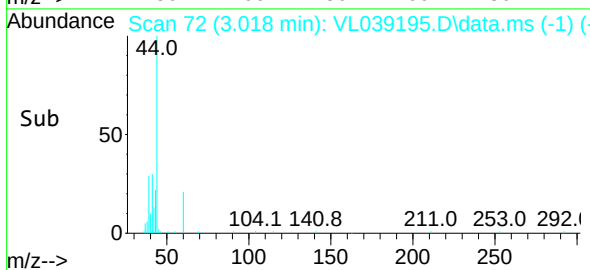
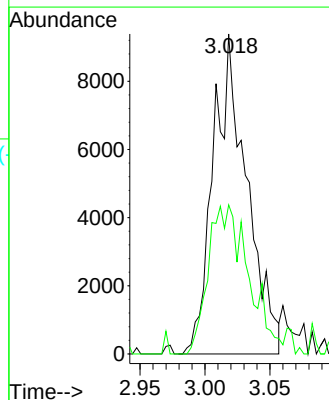
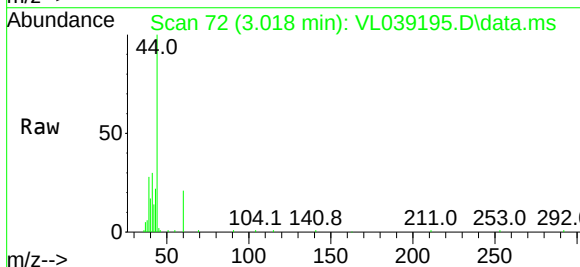
Manual Integrations
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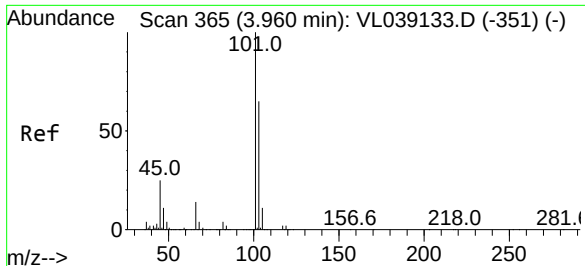
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#9
Propene
Concen: 0.263 ppbv m
RT: 3.018 min Scan# 72
Delta R.T. -0.000 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

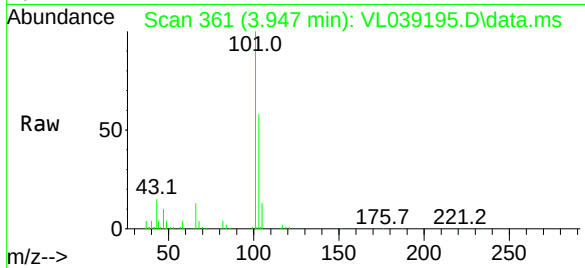
Tgt Ion: 41 Resp: 16891
Ion Ratio Lower Upper
41 100
42 26.6 55.4 83.2#





#11
Trichlorofluoromethane
Concen: 0.619 ppbv
RT: 3.947 min Scan# 30
Delta R.T. -0.013 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

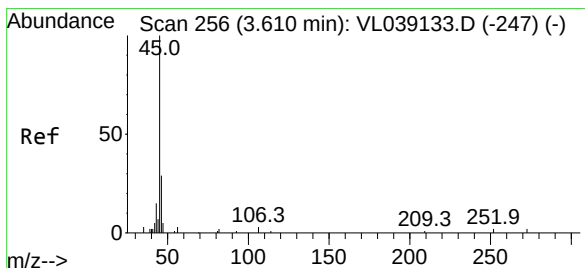
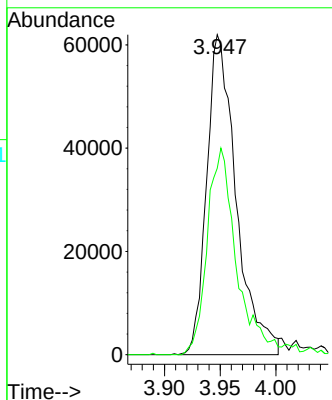
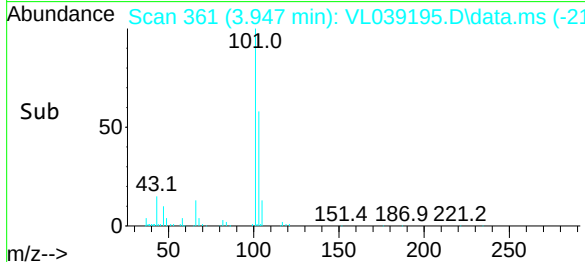
Instrument :
MSVOA_L
ClientSampleId :
SG-10DL



Tgt Ion:101 Resp: 114018
Ion Ratio Lower Upper
101 100
103 58.2 51.7 77.5

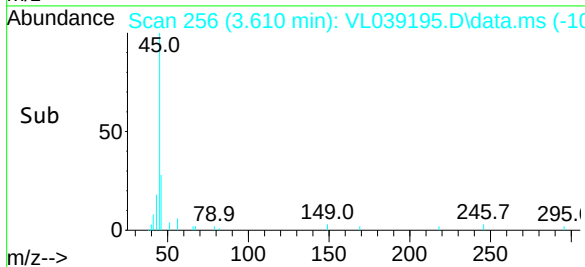
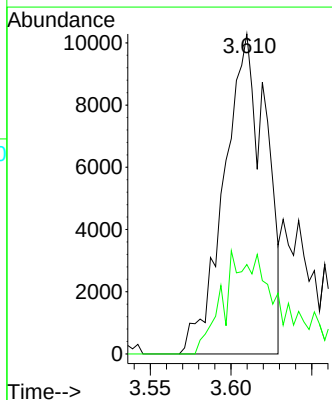
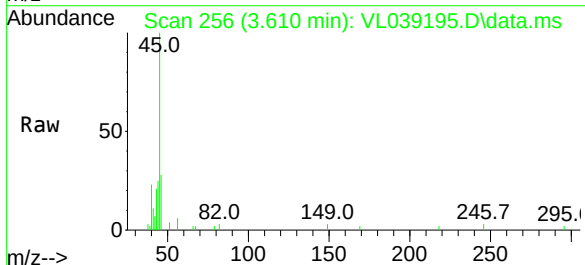
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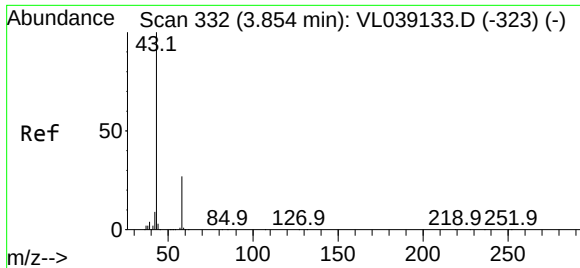
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#13
Ethanol
Concen: 5.312 ppbv m
RT: 3.610 min Scan# 256
Delta R.T. -0.000 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

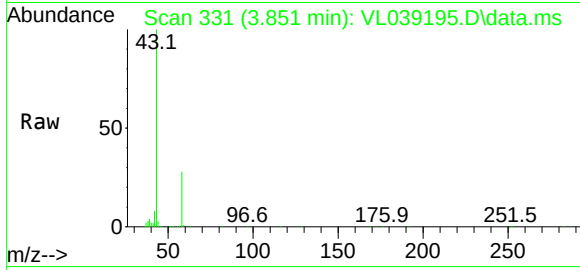
Tgt Ion: 45 Resp: 18625
Ion Ratio Lower Upper
45 100
46 50.8 0.0 0.0#





#15
Acetone
Concen: 4.947 ppbv
RT: 3.851 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

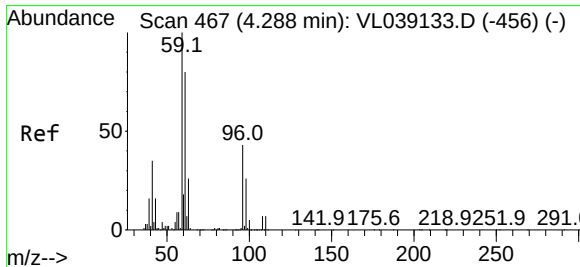
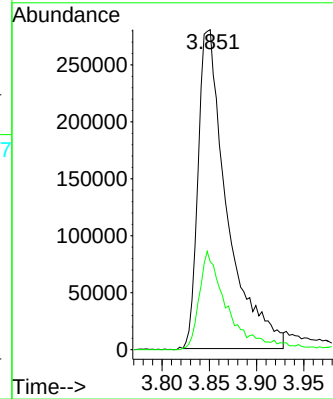
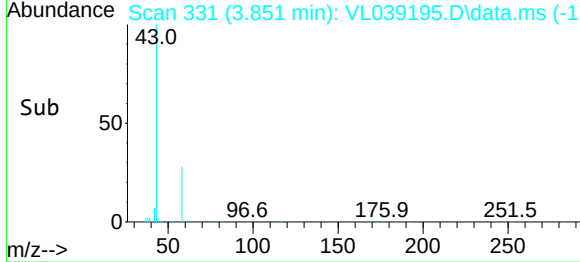
Instrument :
MSVOA_L
ClientSampleId :
SG-10DL



Tgt Ion: 43 Resp: 597220
Ion Ratio Lower Upper
43 100
58 32.1 22.5 33.7

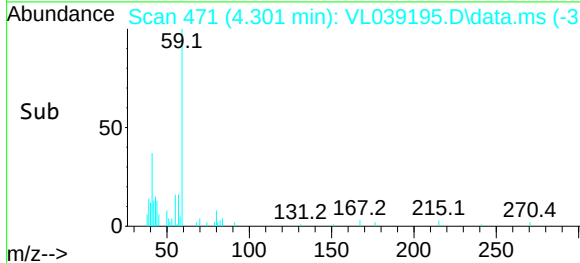
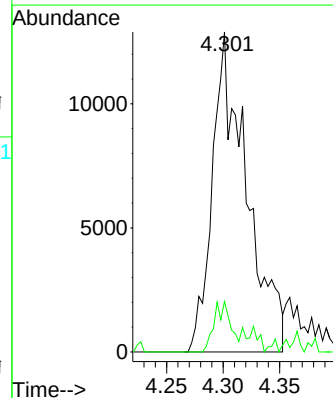
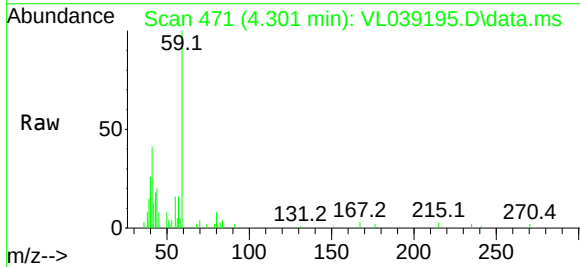
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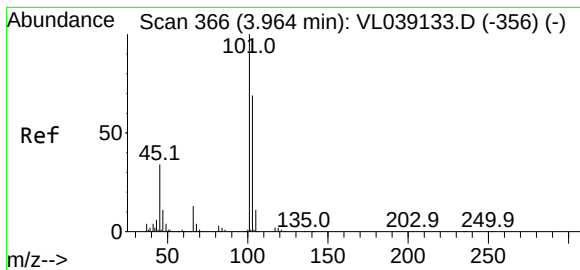
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#17
tert-Butyl alcohol
Concen: 0.289 ppbv m
RT: 4.301 min Scan# 471
Delta R.T. 0.013 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Tgt Ion: 59 Resp: 27034
Ion Ratio Lower Upper
59 100
57 11.4 9.1 13.7





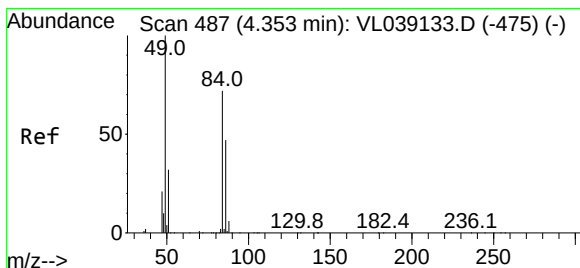
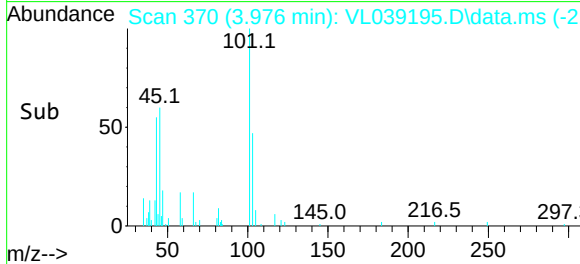
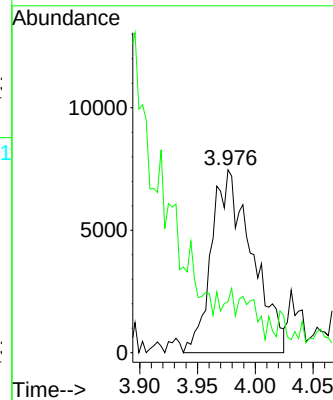
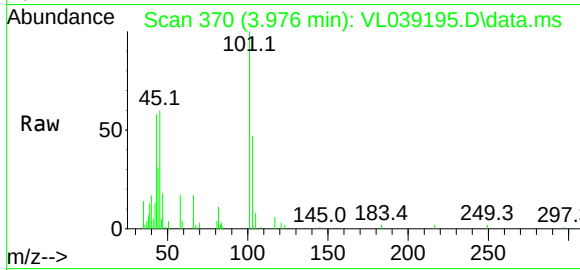
#19
Isopropyl Alcohol
Concen: 0.322 ppbv m
RT: 3.976 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
SG-10DL

Tgt Ion: 45 Resp: 1822
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

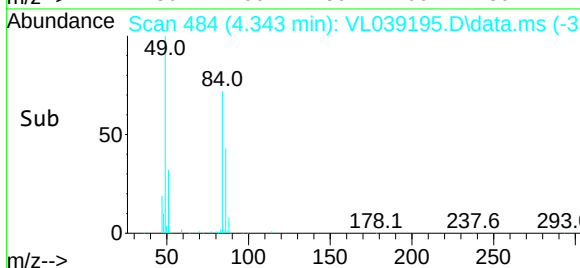
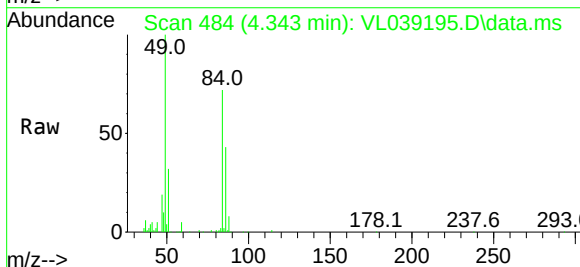
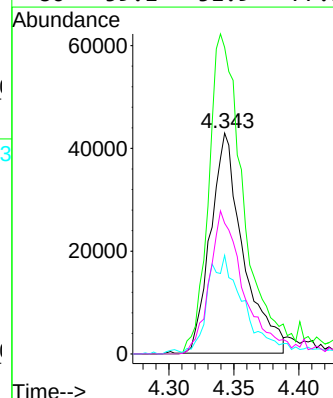
Manual Integrations
APPROVED

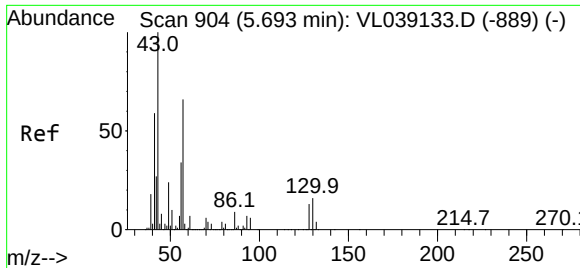
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#20
Methylene Chloride
Concen: 1.469 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.010 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

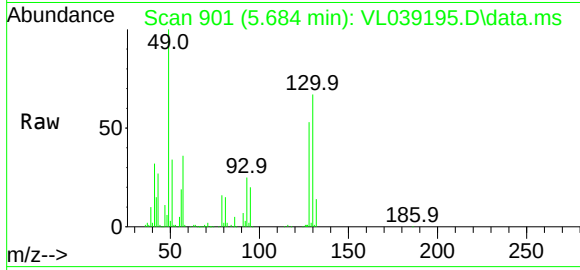
Tgt Ion: 84 Resp: 74740
Ion Ratio Lower Upper
84 100
49 138.6 111.1 166.7
51 44.1 35.3 52.9
86 59.1 51.9 77.9





#26
Hexane
Concen: 1.155 ppbv
RT: 5.684 min Scan# 904
Delta R.T. -0.010 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

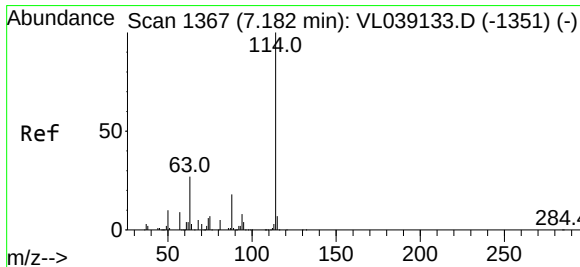
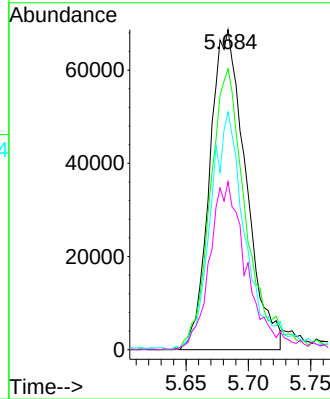
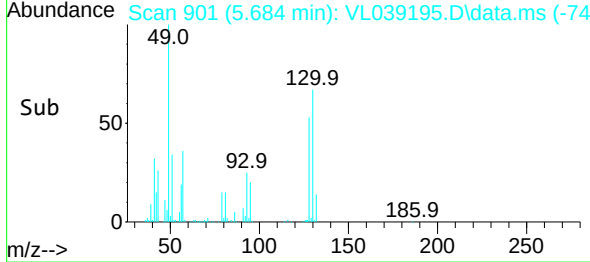
Instrument :
MSVOA_L
ClientSampleId :
SG-10DL



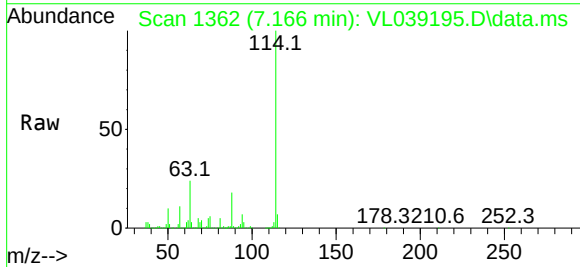
Tgt Ion: 57 Resp: 138092
Ion Ratio Lower Upper
57 100
41 90.8 72.4 108.6
43 75.7 187.0 280.6
56 55.6 41.8 62.6

Manual Integrations
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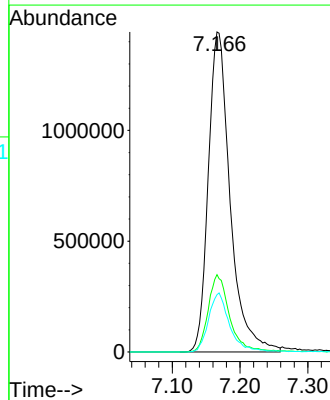
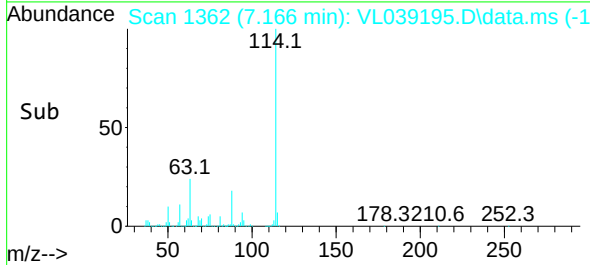
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

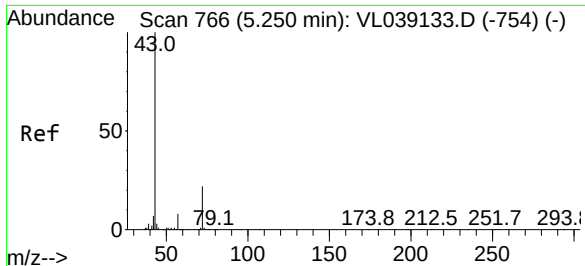


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. -0.016 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00



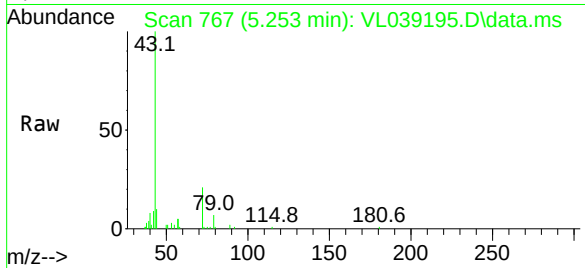
Tgt Ion:114 Resp: 3235331
Ion Ratio Lower Upper
114 100
63 23.9 21.7 32.5
88 17.9 14.8 22.2





#34
2-Butanone
Concen: 0.397 ppbv m
RT: 5.253 min Scan# 766
Delta R.T. 0.003 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

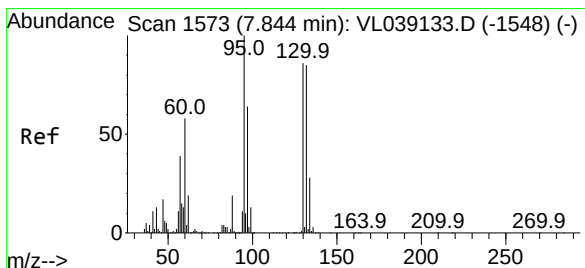
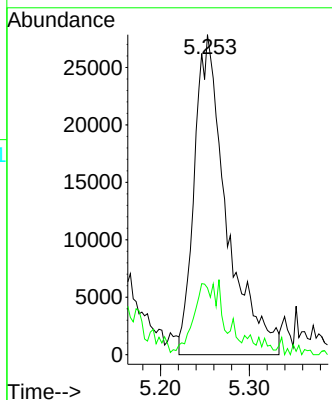
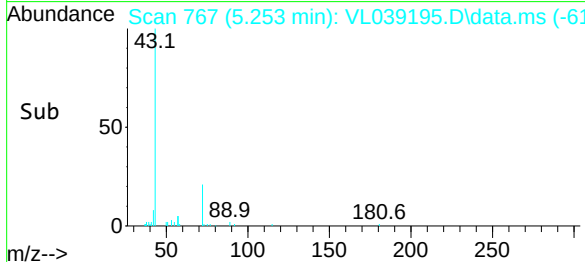
Instrument :
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SG-10DL



Tgt Ion: 43 Resp: 6976
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2

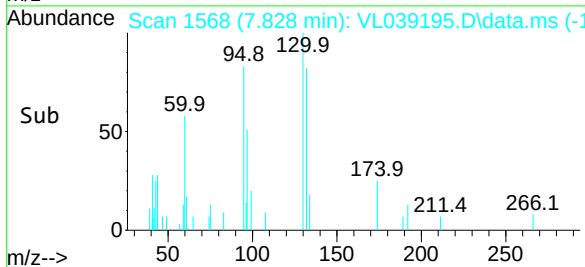
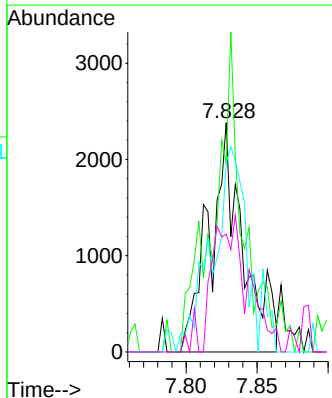
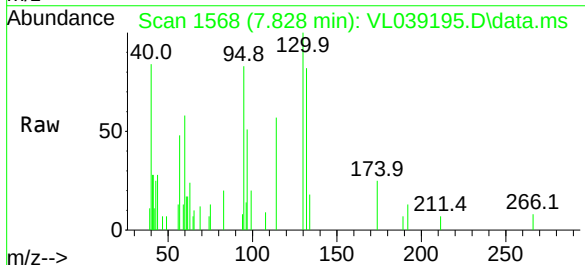
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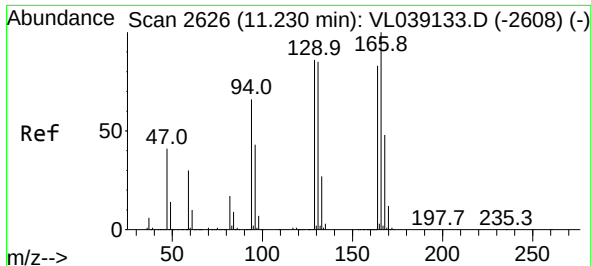
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#38
Trichloroethene
Concen: 0.033 ppbv m
RT: 7.828 min Scan# 1568
Delta R.T. -0.016 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

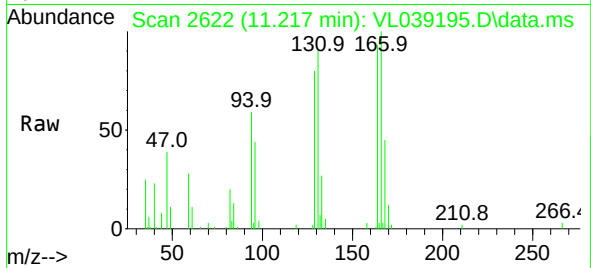
Tgt Ion:130 Resp: 3929
Ion Ratio Lower Upper
130 100
95 82.7 93.3 139.9#
132 82.5 79.0 118.4
97 51.5 59.4 89.2#





#52
Tetrachloroethene
Concen: 0.322 ppbv m
RT: 11.217 min Scan# 2167
Delta R.T. -0.013 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

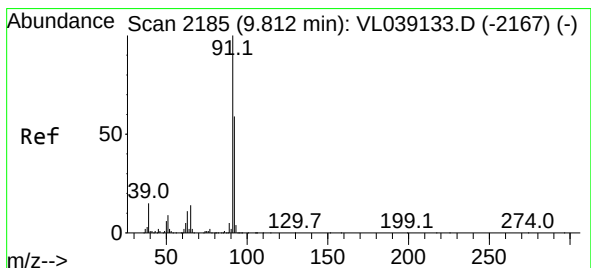
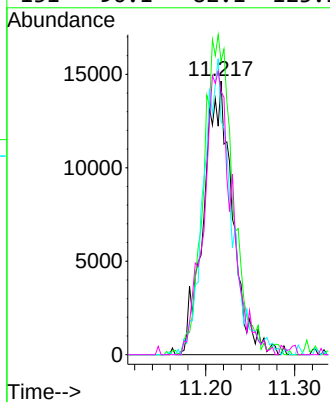
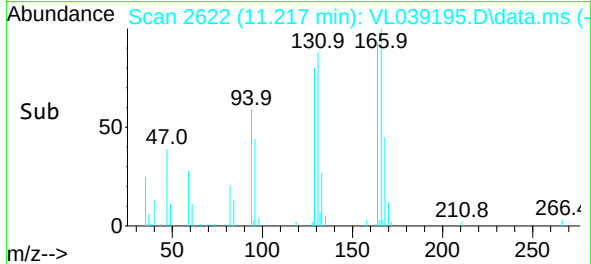
Instrument :
MSVOA_L
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SG-10DL



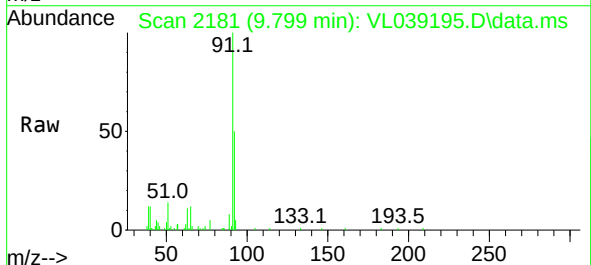
Tgt Ion:164 Resp: 3301
Ion Ratio Lower Upper
164 100
166 107.3 96.3 144.5
129 85.4 82.5 123.7
131 96.1 82.1 123.1

Manual Integrations
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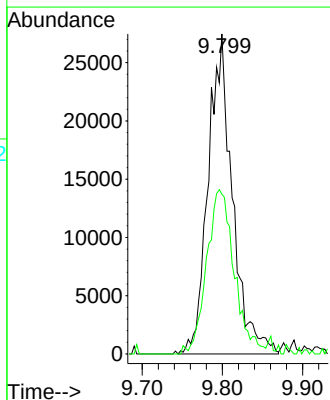
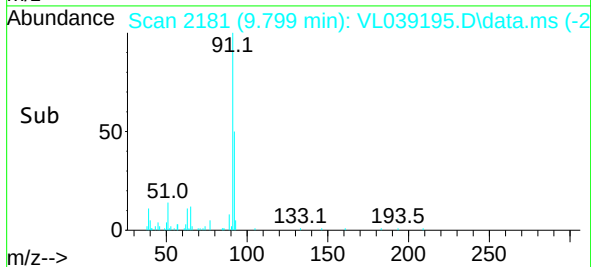
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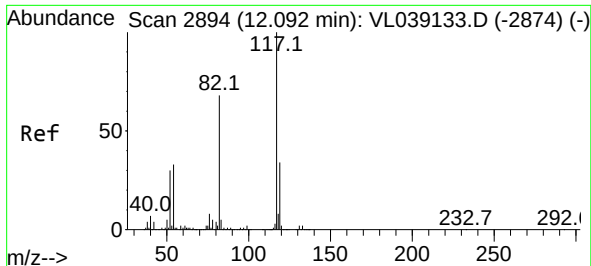


#53
Toluene
Concen: 0.191 ppbv m
RT: 9.799 min Scan# 2181
Delta R.T. -0.013 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00



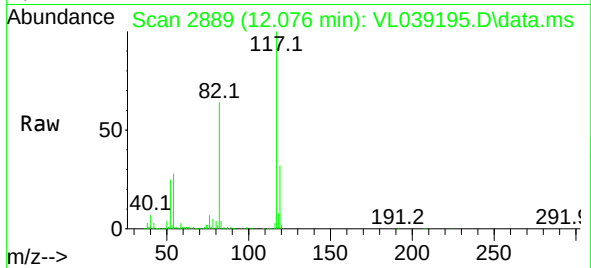
Tgt Ion: 91 Resp: 57737
Ion Ratio Lower Upper
91 100
92 58.2 48.1 72.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. -0.016 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

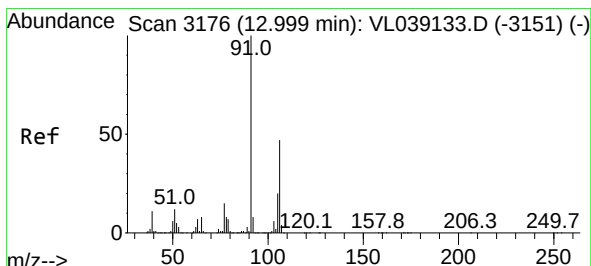
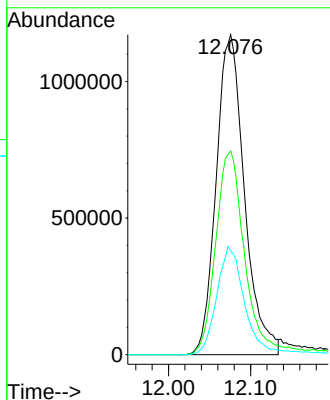
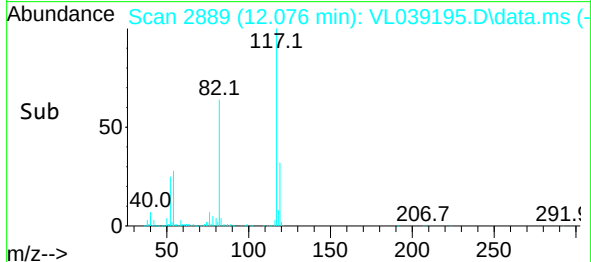
Instrument :
MSVOA_L
ClientSampleId :
SG-10DL



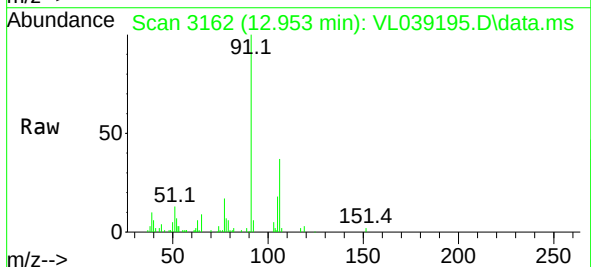
Tgt Ion: 117 Resp: 2809618
Ion Ratio Lower Upper
117 100
82 68.0 55.1 82.7
119 34.1 24.7 37.1

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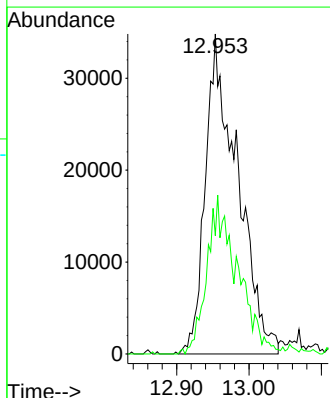
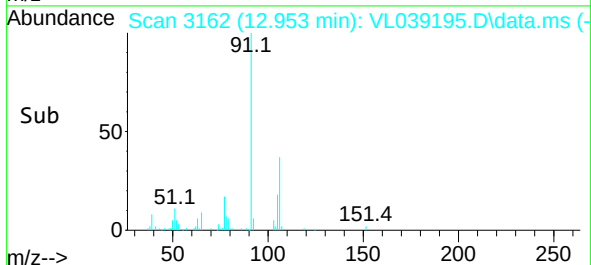
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

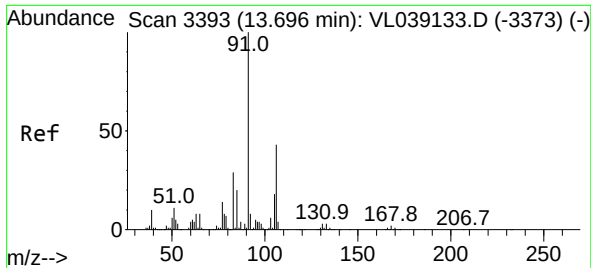


#59
m/p-Xylene
Concen: 0.313 ppbv m
RT: 12.953 min Scan# 3162
Delta R.T. -0.045 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00



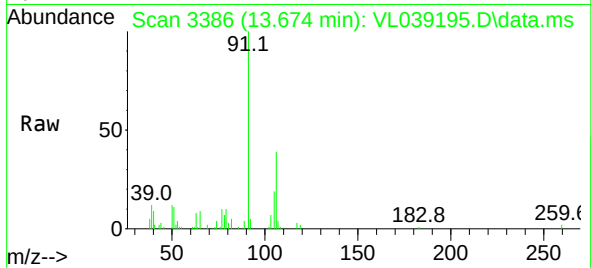
Tgt Ion: 91 Resp: 106722
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5#





#60
o-Xylene
Concen: 0.145 ppbv m
RT: 13.674 min Scan# 3393
Delta R.T. -0.023 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

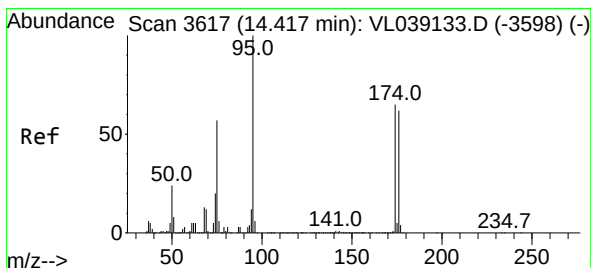
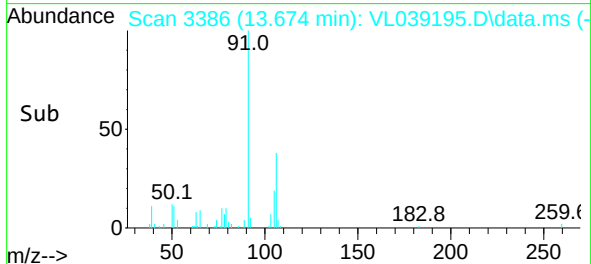
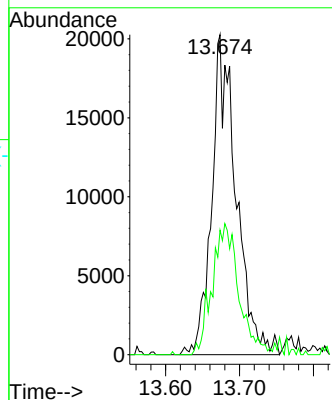
Instrument :
MSVOA_L
ClientSampleId :
SG-10DL



Tgt Ion: 91 Resp: 46510
Ion Ratio Lower Upper
91 100
106 46.5 22.3 66.9

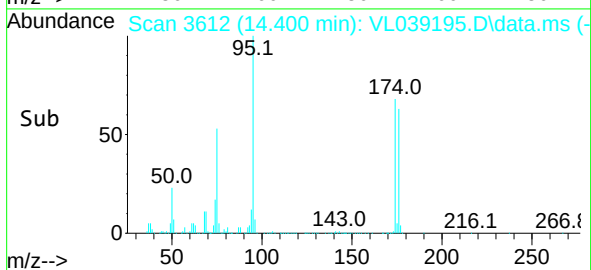
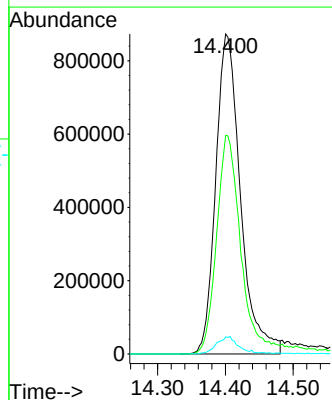
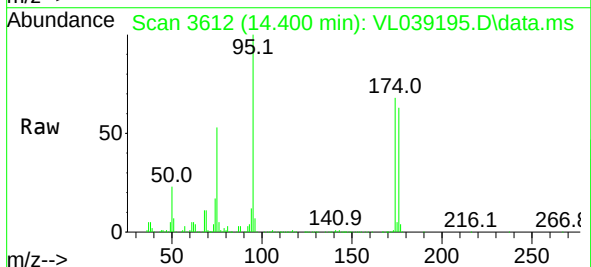
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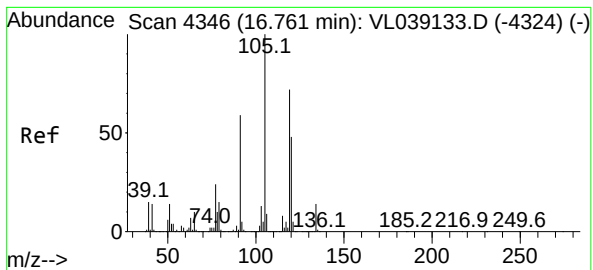
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.537 ppbv
RT: 14.400 min Scan# 3612
Delta R.T. -0.016 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

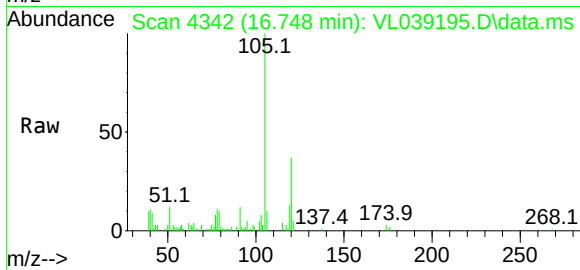
Tgt Ion: 95 Resp: 2215238
Ion Ratio Lower Upper
95 100
174 71.1 53.8 80.8
175 5.2 4.1 6.1





#74
 1,2,4-Trimethylbenzene
 Concen: 0.157 ppbv m
 RT: 16.748 min Scan# 4342
 Delta R.T. -0.013 min
 Lab File: VL039195.D
 Acq: 6 Jun 2022 22:00

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-10DL



Tgt Ion:	105	Resp:	59330
Ion	Ratio	Lower	Upper
105	100		
120	37.5	38.1	57.1
91	11.6	47.4	71.0
77	7.7	19.5	29.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

