

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
 Data File : VL039529.D
 Acq On : 25 Jul 2022 23:29
 Operator : SY/AP
 Sample : N3842-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 08:08:53 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.671	49	1144870	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.179	114	3090474	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.089	117	2765057	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	2105113	10.263	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.057	85	47319m	0.287	ppbv	
3) Chlorodifluoromethane	2.970	51	412620	2.841	ppbv #	65
4) Chloromethane	3.147	50	63275	0.797	ppbv	99
9) Propene	3.025	41	228495m	3.483	ppbv	
10) Heptane	8.127	43	38181m	0.249	ppbv	
11) Trichlorofluoromethane	3.960	101	43079m	0.234	ppbv	
13) Ethanol	3.610	45	9452580	2483.823	ppbv	73
15) Acetone	3.848	43	4000907	29.539	ppbv	96
17) tert-Butyl alcohol	4.304	59	43629m	0.380	ppbv	
20) Methylene Chloride	4.346	84	1492033	27.637	ppbv	97
23) Vinyl Acetate	5.073	43	387104m	4.277	ppbv	
25) Ethyl Acetate	5.687	43	1275143	4.591	ppbv #	89
26) Hexane	5.690	57	1130998	10.103	ppbv #	53
27) Carbon Disulfide	4.555	76	59545	0.441	ppbv #	81
29) Chloroform	5.758	83	734100	3.771	ppbv	92
30) Cyclohexane	7.131	84	24700m	0.242	ppbv	
31) cis-1,2-Dichloroethene	5.549	61	13399m	0.113	ppbv	
34) 2-Butanone	5.246	43	273458	1.758	ppbv #	72
35) Carbon Tetrachloride	7.015	117	12545m	0.066	ppbv	
36) Benzene	6.893	78	61292	0.256	ppbv	98
37) 1,2-Dichloroethane	6.304	62	16815m	0.119	ppbv	
38) Trichloroethene	7.832	130	5197m	0.040	ppbv	
41) Tetrahydrofuran	6.063	42	31291m	0.347	ppbv	
42) Bromodichloromethane	7.793	83	33919m	0.178	ppbv	
44) 2,2,4-Trimethylpentane	7.873	57	66152	0.163	ppbv #	71
50) 4-Methyl-2-Pentanone	8.751	43	40504m	0.172	ppbv	
51) 2-Hexanone	10.147	43	36486m	0.205	ppbv	
52) Tetrachloroethene	11.227	164	23101m	0.240	ppbv	
53) Toluene	9.812	91	332874	1.207	ppbv	99
58) Ethyl Benzene	12.716	91	129136	0.362	ppbv	97
59) m/p-Xylene	12.970	91	450947	1.433	ppbv	95
60) o-Xylene	13.693	91	155852	0.523	ppbv	100
61) Styrene	13.529	104	33221m	0.206	ppbv	
69) p-Isopropyltoluene	17.651	119	121772m	0.254	ppbv	
72) 4-Ethyltoluene	15.841	105	54030m	0.154	ppbv	
73) 1,3,5-Trimethylbenzene	15.995	105	83140m	0.258	ppbv	
74) 1,2,4-Trimethylbenzene	16.764	105	203988	0.573	ppbv #	72
76) 1,4-Dichlorobenzene	17.137	146	1814324	8.619	ppbv	98
79) Naphthalene	22.194	128	88386m	0.361	ppbv	
80) Naphthalene,2-methyl-	24.969	142	10113	0.121	ppbv #	75

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

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

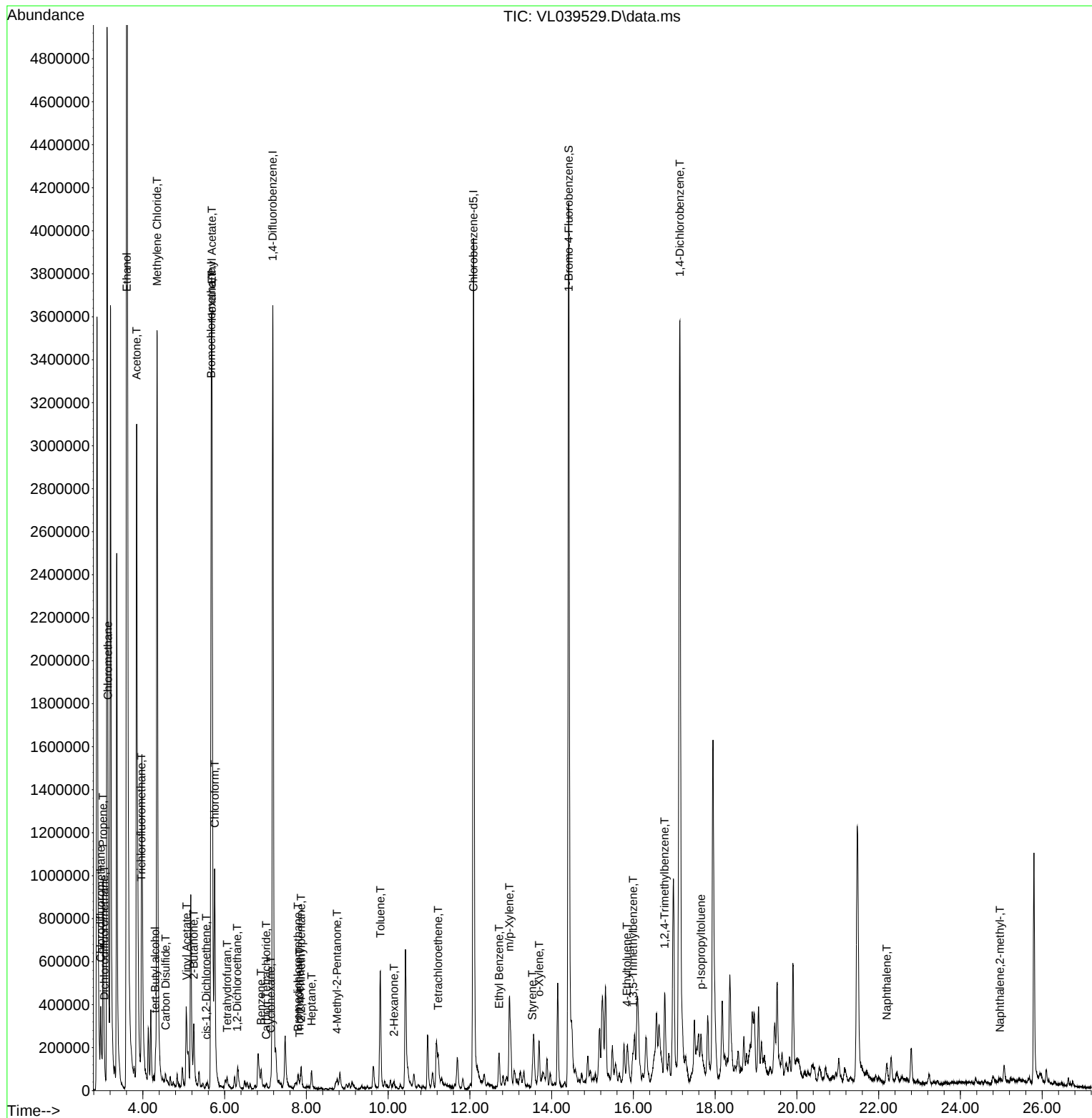
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
Data File : VL039529.D
Acq On : 25 Jul 2022 23:29
Operator : SY/AP
Sample : N3842-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

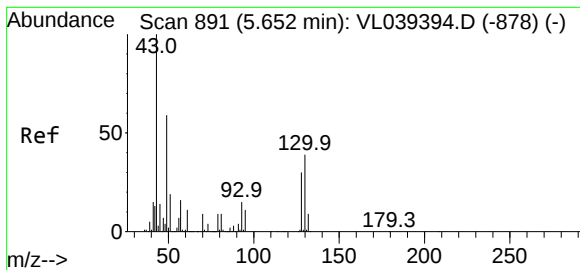
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Quant Time: Jul 26 08:08:53 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

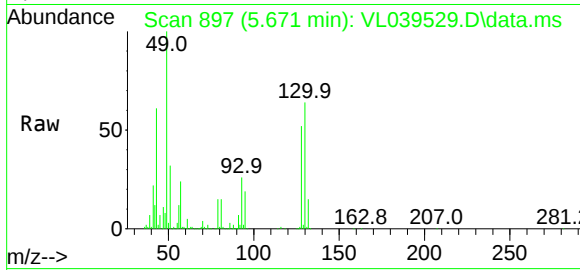
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 84
Delta R.T. 0.019 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

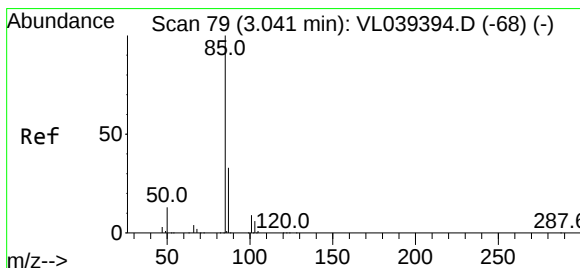
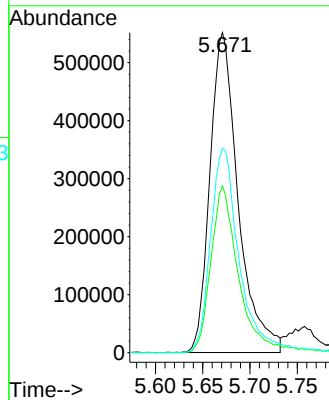
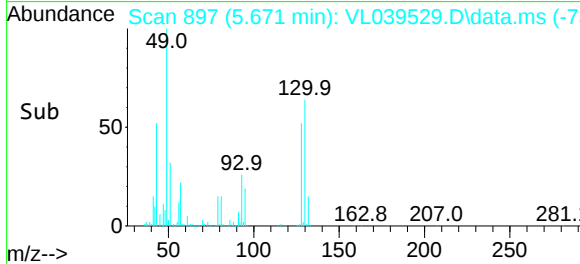
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion: 49 Resp: 1144870
Ion Ratio Lower Upper
49 100
128 52.2 26.7 80.0
130 66.4 34.3 102.8

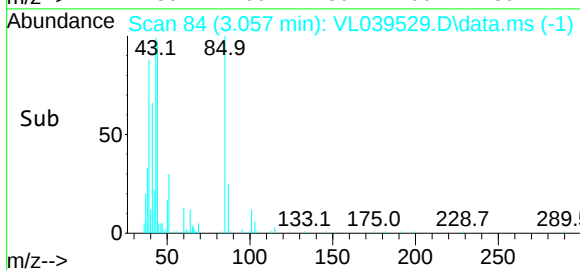
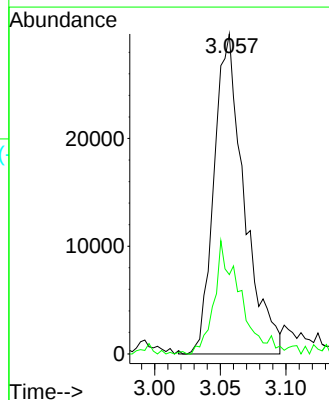
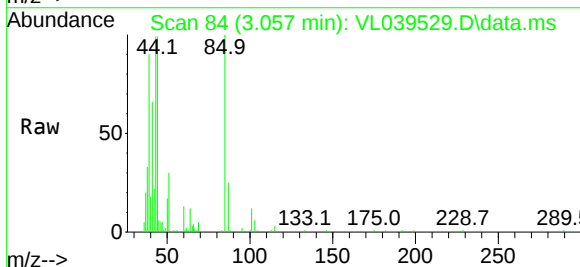
Manual Integrations
APPROVED

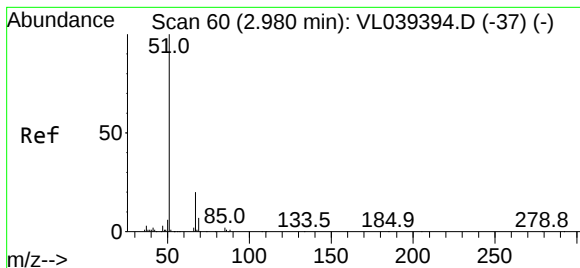
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#2
Dichlorodifluoromethane
Concen: 0.287 ppbv m
RT: 3.057 min Scan# 84
Delta R.T. 0.016 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

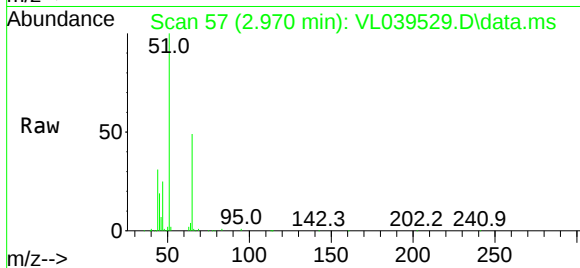
Tgt Ion: 85 Resp: 47319
Ion Ratio Lower Upper
85 100
87 24.8 26.7 40.1#





#3
Chlorodifluoromethane
Concen: 2.841 ppbv
RT: 2.970 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

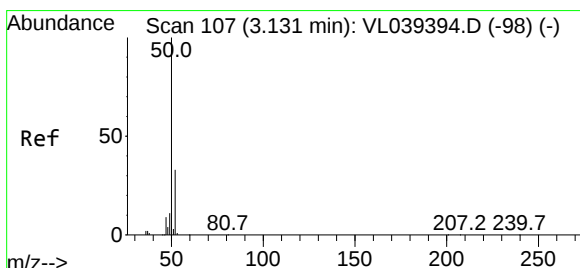
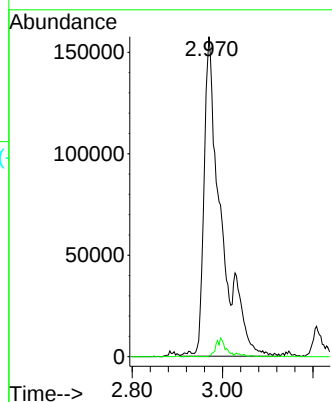
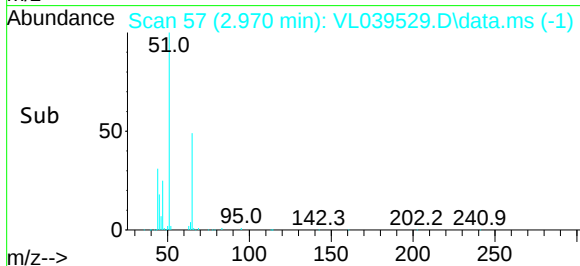
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion: 51 Resp: 412620
Ion Ratio Lower Upper
51 100
67 3.8 15.7 23.5

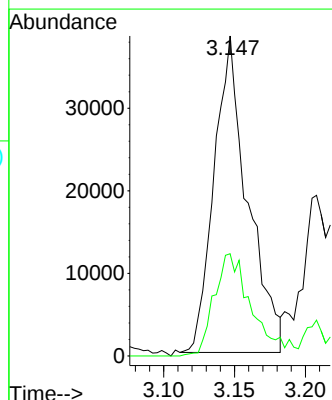
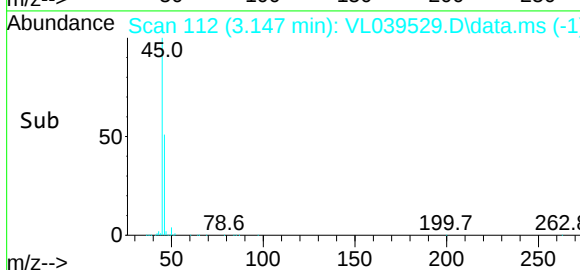
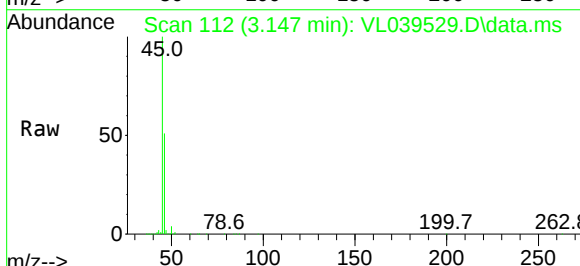
Manual Integrations
APPROVED

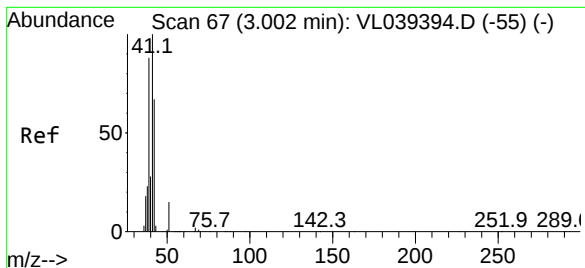
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#4
Chloromethane
Concen: 0.797 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.016 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

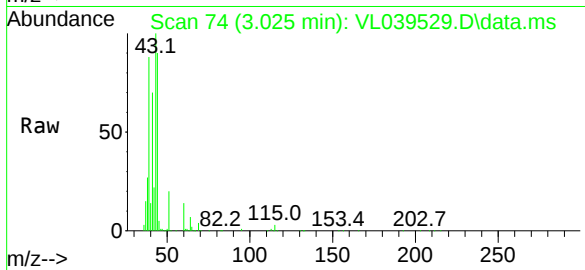
Tgt Ion: 50 Resp: 63275
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7





#9
Propene
Concen: 3.483 ppbv m
RT: 3.025 min Scan# 74
Delta R.T. 0.022 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

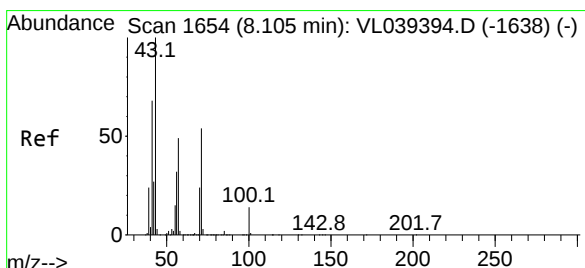
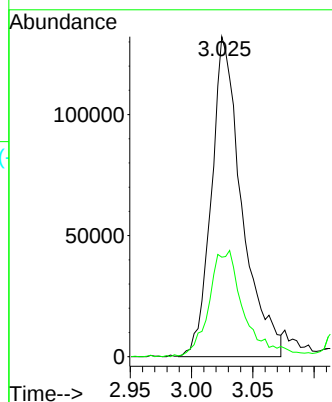
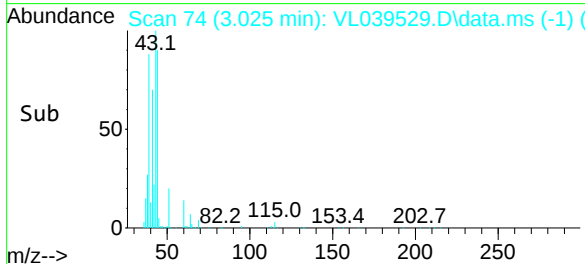
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion: 41 Resp: 22849
Ion Ratio Lower Upper
41 100
42 382.8 55.2 82.8

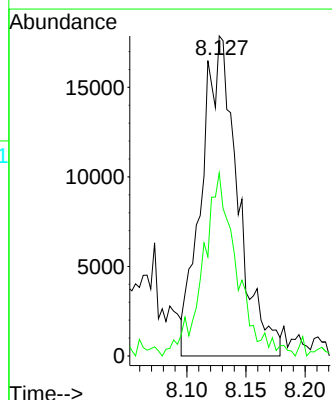
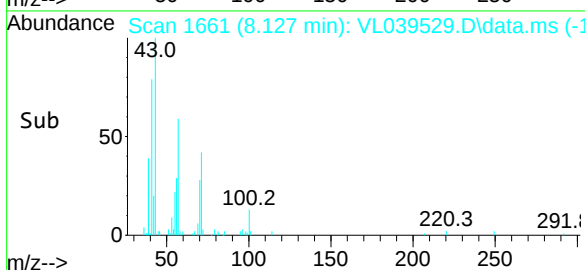
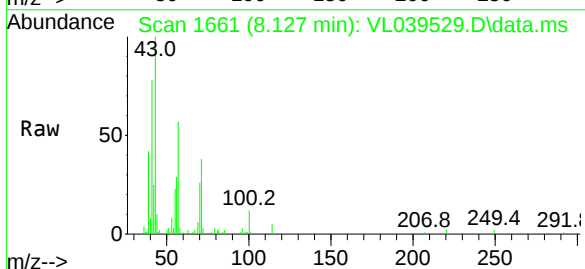
Manual Integrations
APPROVED

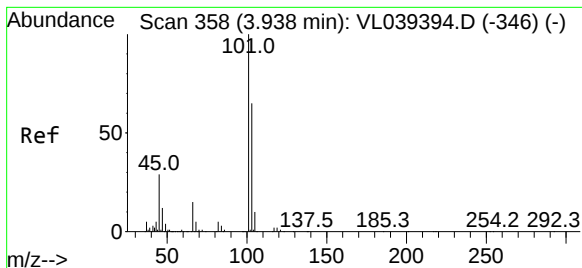
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#10
Heptane
Concen: 0.249 ppbv m
RT: 8.127 min Scan# 1661
Delta R.T. 0.022 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

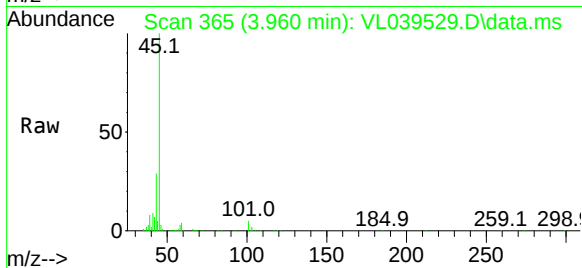
Tgt Ion: 43 Resp: 38181
Ion Ratio Lower Upper
43 100
57 54.2 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.234 ppbv m
RT: 3.960 min Scan# 30
Delta R.T. 0.022 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

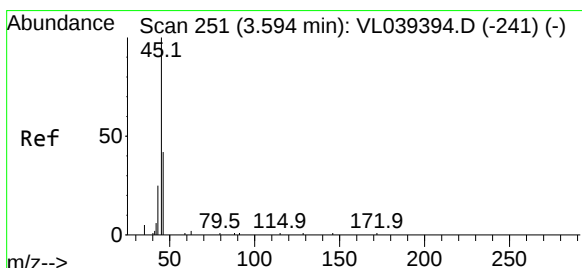
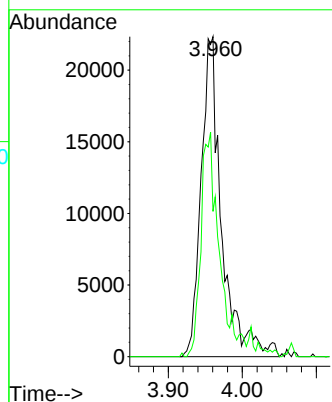
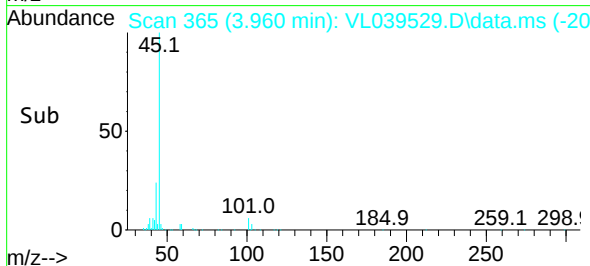
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion:101 Resp: 43079
Ion Ratio Lower Upper
101 100
103 45.4 51.8 77.8

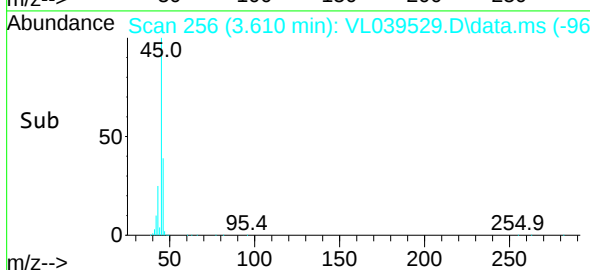
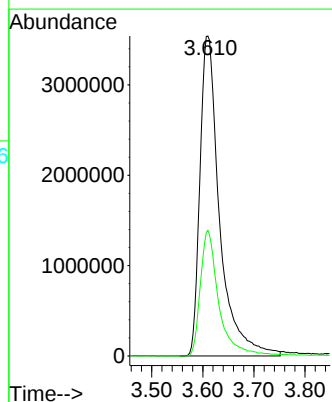
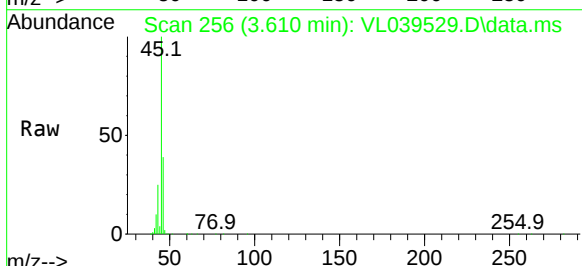
Manual Integrations
APPROVED

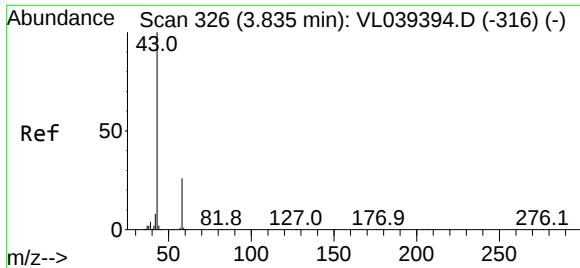
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#13
Ethanol
Concen: 2483.823 ppbv
RT: 3.610 min Scan# 256
Delta R.T. 0.016 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

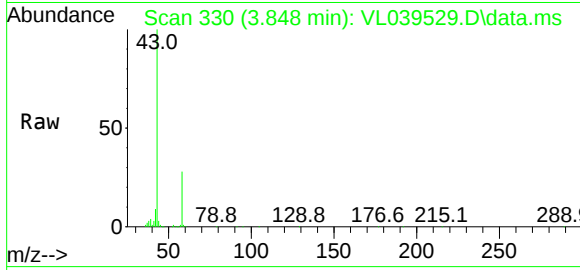
Tgt Ion: 45 Resp: 9452580
Ion Ratio Lower Upper
45 100
46 37.3 22.8 91.2





#15
Acetone
Concen: 29.539 ppbv
RT: 3.848 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

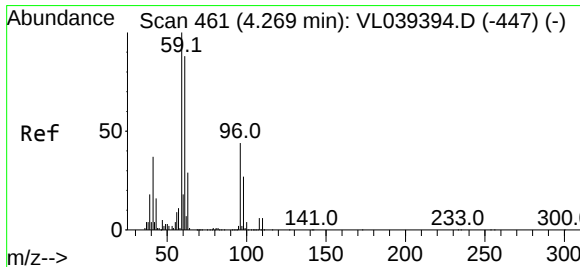
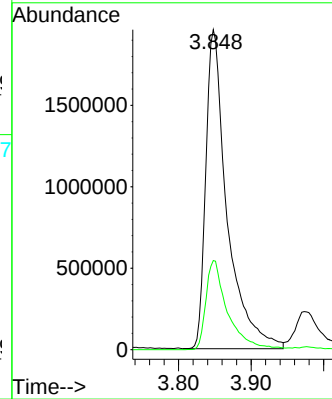
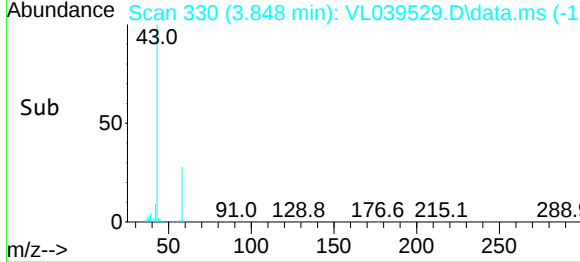
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion: 43 Resp: 400090
Ion Ratio Lower Upper
43 100
58 28.6 21.0 31.6

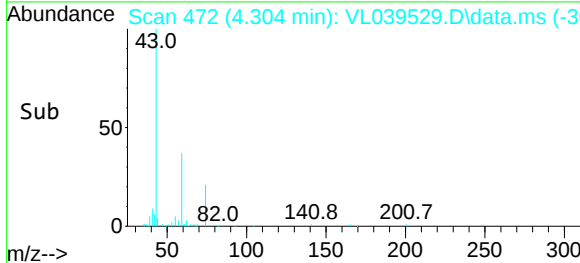
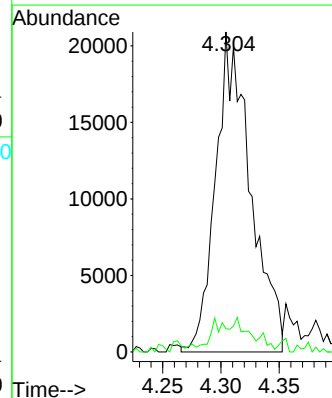
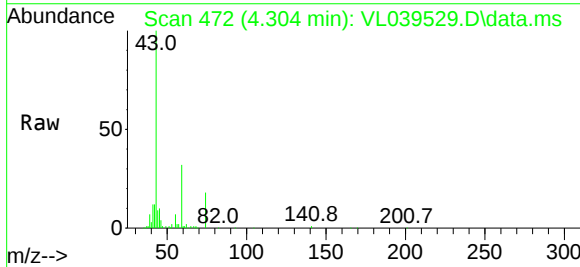
Manual Integrations
APPROVED

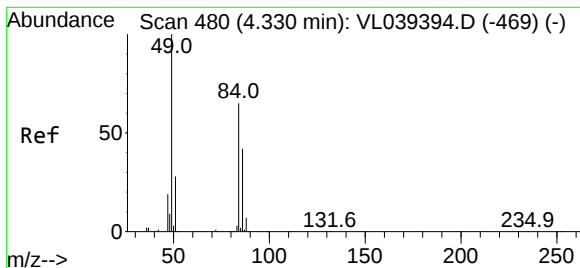
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#17
tert-Butyl alcohol
Concen: 0.380 ppbv m
RT: 4.304 min Scan# 472
Delta R.T. 0.035 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

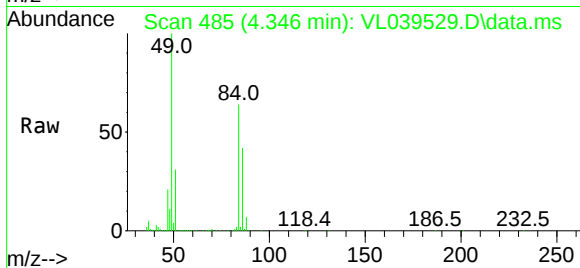
Tgt Ion: 59 Resp: 43629
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#20
Methylene Chloride
Concen: 27.637 ppbv
RT: 4.346 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

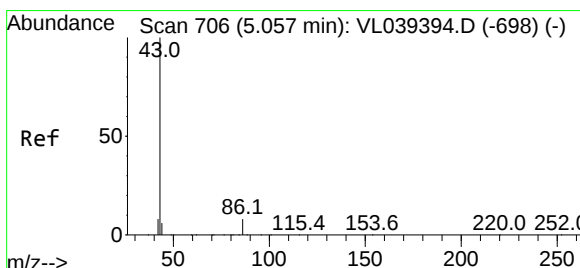
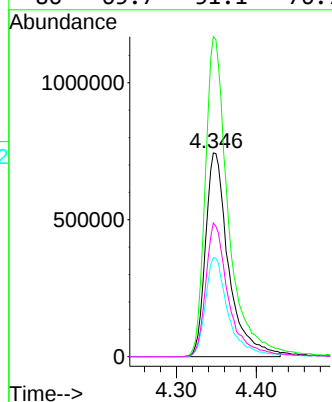
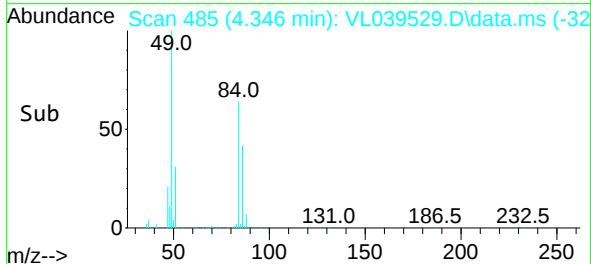


Tgt Ion: 84 Resp: 1492033

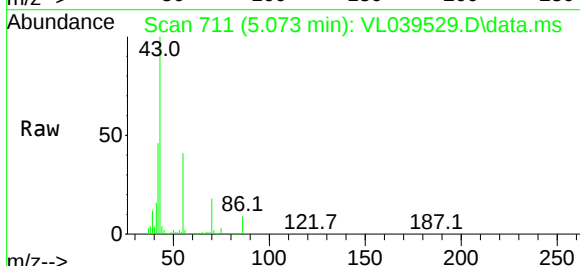
Ion	Ratio	Lower	Upper
84	100		
49	157.1	123.1	184.7
51	48.6	34.4	51.6
86	65.7	51.1	76.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

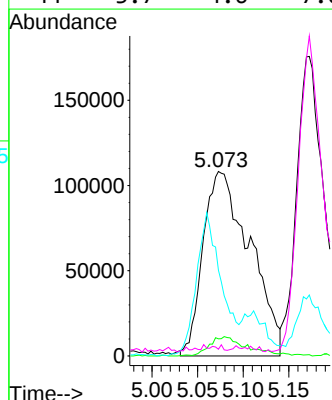
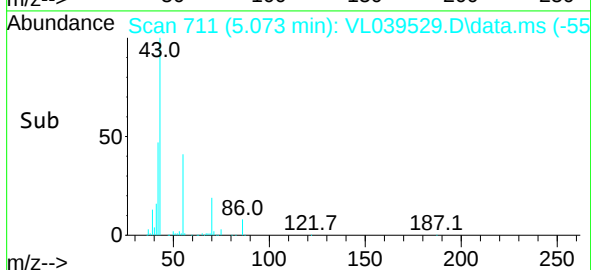


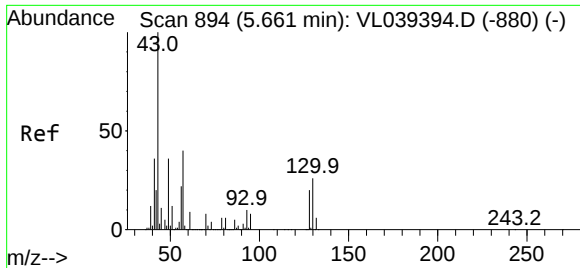
#23
Vinyl Acetate
Concen: 4.277 ppbv m
RT: 5.073 min Scan# 711
Delta R.T. 0.016 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29



Tgt Ion: 43 Resp: 387104

Ion	Ratio	Lower	Upper
43	100		
86	9.3	5.0	7.6#
42	46.5	7.7	11.5#
44	3.7	4.6	7.0#





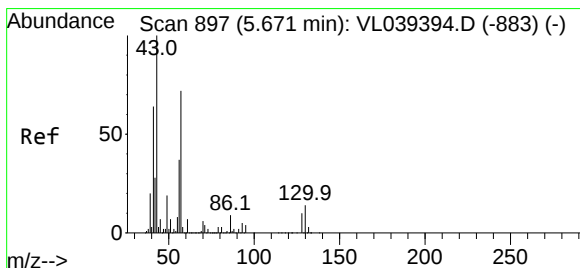
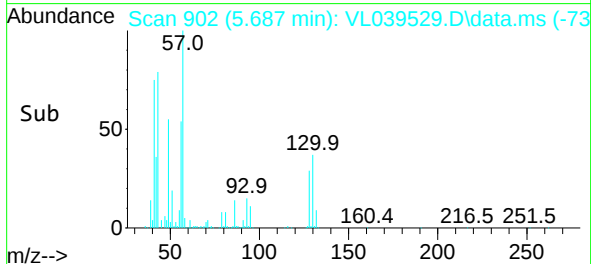
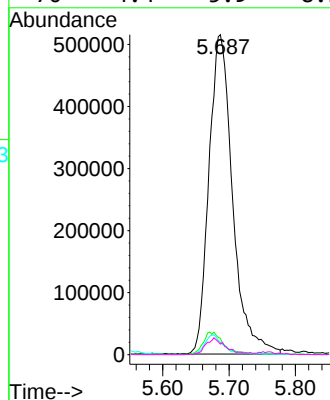
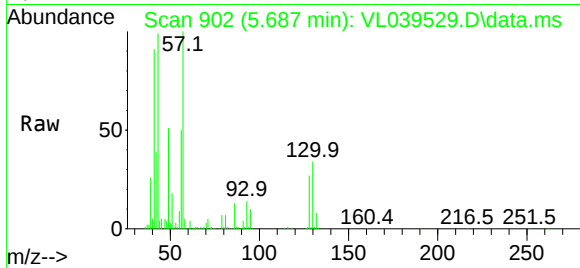
#25
Ethyl Acetate
Concen: 4.591 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.026 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion: 43 Resp: 127514
Ion Ratio Lower Upper
43 100
45 6.5 8.2 12.4
61 5.2 8.3 12.5
70 4.4 5.9 8.9

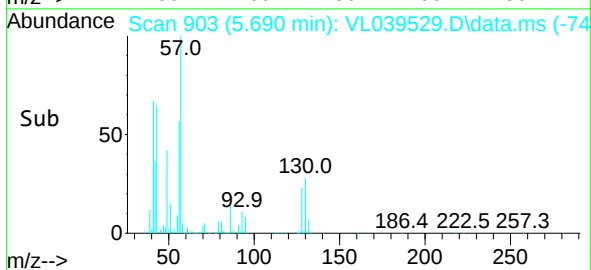
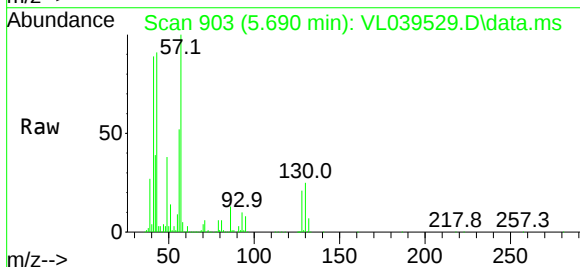
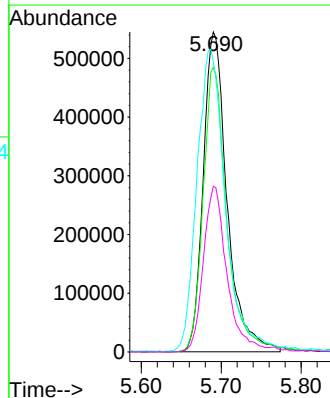
Manual Integrations
APPROVED

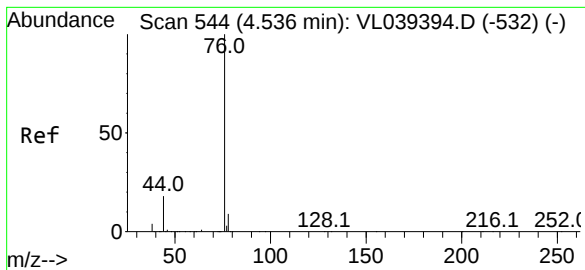
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#26
Hexane
Concen: 10.103 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.019 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

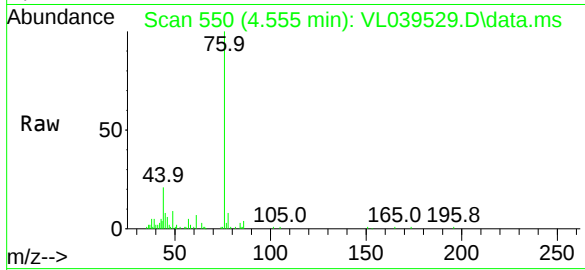
Tgt Ion: 57 Resp: 1130998
Ion Ratio Lower Upper
57 100
41 89.6 76.9 115.3
43 113.2 191.0 286.6
56 52.3 43.2 64.8





#27
Carbon Disulfide
Concen: 0.441 ppbv
RT: 4.555 min Scan# 511
Delta R.T. 0.019 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

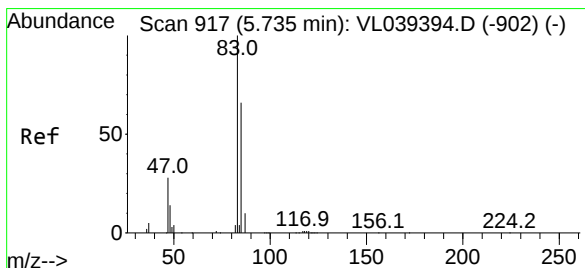
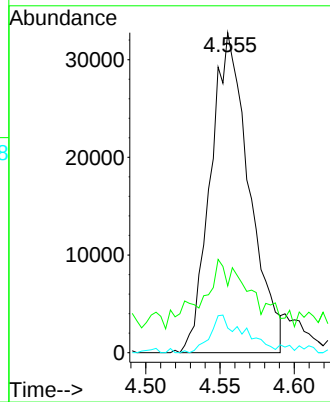
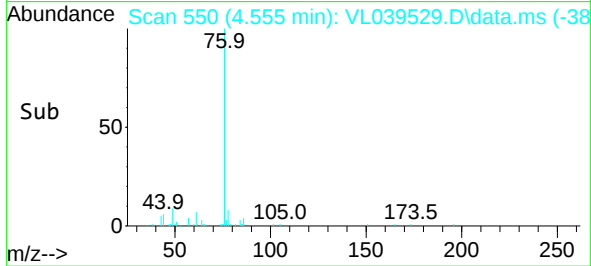
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion: 76 Resp: 5954
Ion Ratio Lower Upper
76 100
44 29.7 14.6 21.8
78 11.8 7.8 11.6

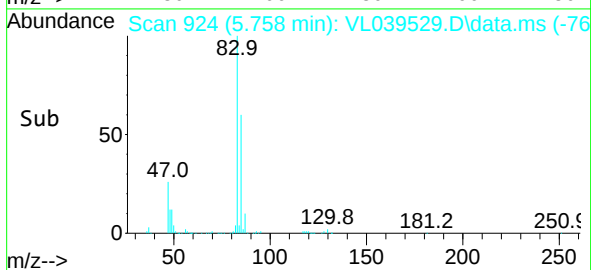
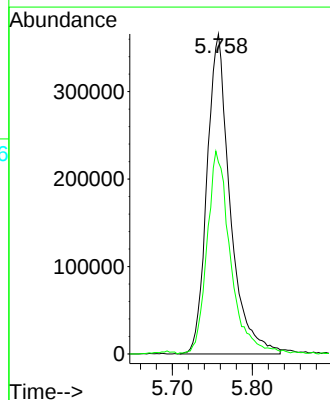
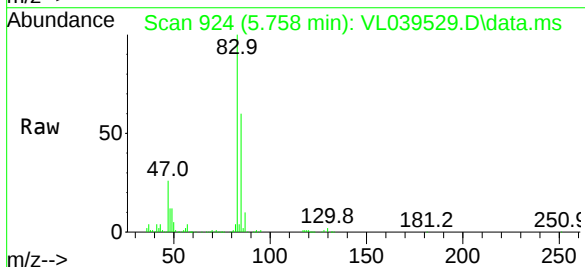
Manual Integrations
APPROVED

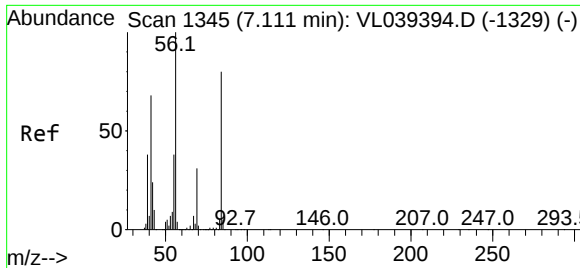
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#29
Chloroform
Concen: 3.771 ppbv
RT: 5.758 min Scan# 924
Delta R.T. 0.022 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

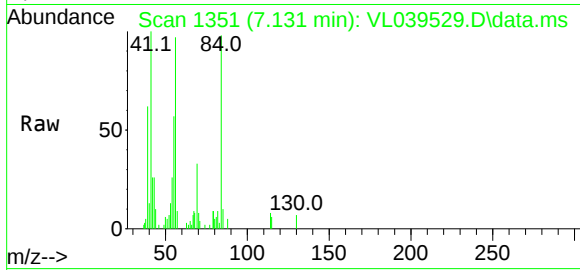
Tgt Ion: 83 Resp: 734100
Ion Ratio Lower Upper
83 100
85 59.5 52.8 79.2





#30
Cyclohexane
Concen: 0.242 ppbv m
RT: 7.131 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

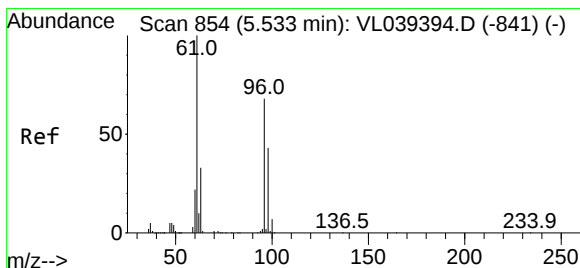
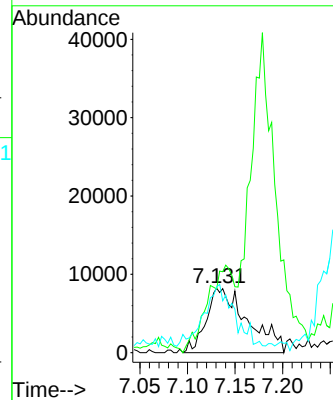
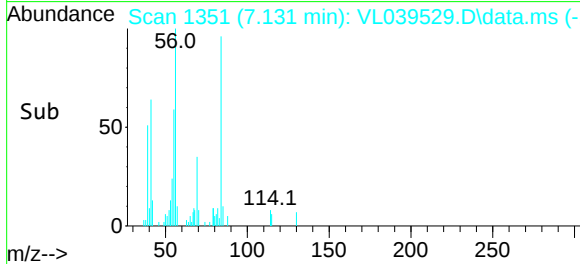
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion: 84 Resp: 24700
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5
41 75.5 67.7 101.5

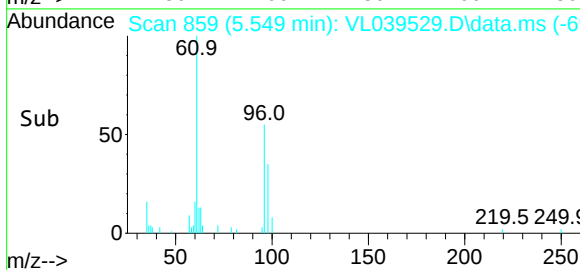
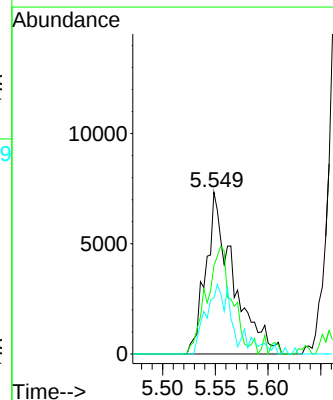
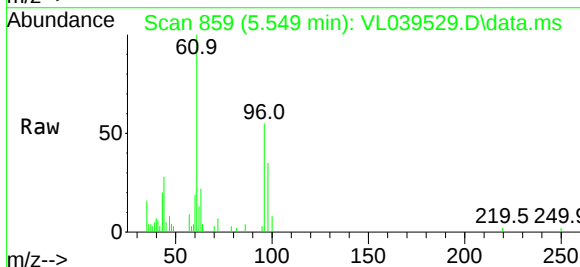
Manual Integrations
APPROVED

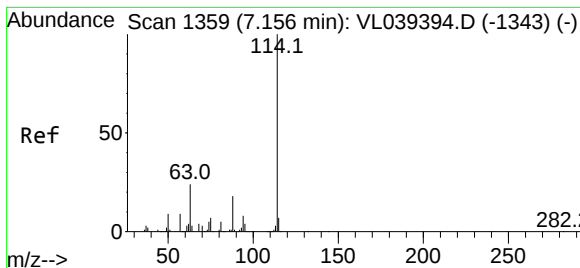
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#31
cis-1,2-Dichloroethene
Concen: 0.113 ppbv m
RT: 5.549 min Scan# 859
Delta R.T. 0.016 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

Tgt Ion: 61 Resp: 13399
Ion Ratio Lower Upper
61 100
96 54.7 54.1 81.1
98 34.7 34.6 52.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.179 min Scan# 114

Delta R.T. 0.022 min

Lab File: VL039529.D

Acq: 25 Jul 2022 23:29

Instrument :

MSVOA_L

ClientSampleId :

IA-1DUP

Tgt Ion:114 Resp: 3090474

Ion Ratio Lower Upper

114 100

63 25.1 20.2 30.4

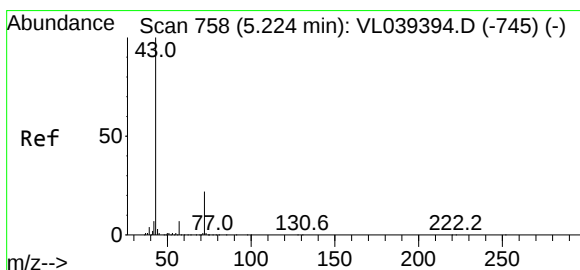
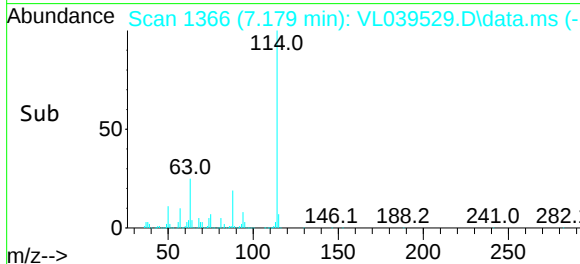
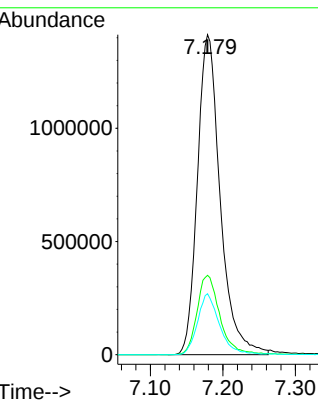
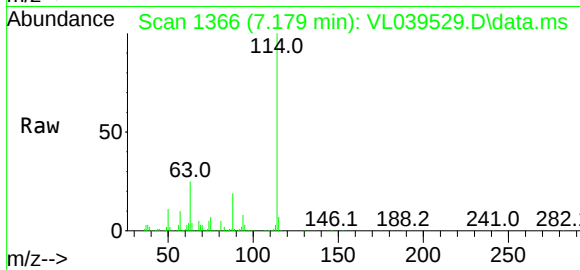
88 18.5 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#34

2-Butanone

Concen: 1.758 ppbv

RT: 5.246 min Scan# 765

Delta R.T. 0.022 min

Lab File: VL039529.D

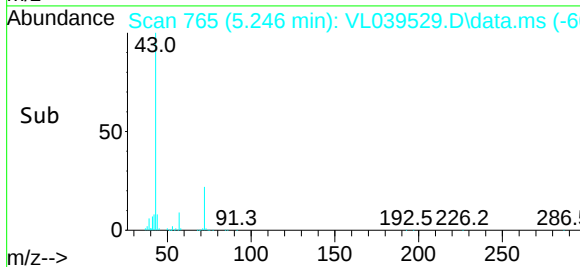
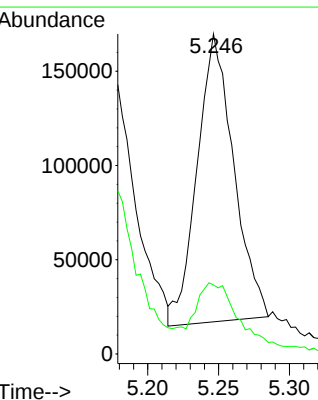
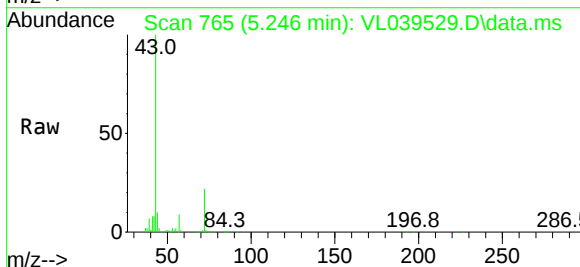
Acq: 25 Jul 2022 23:29

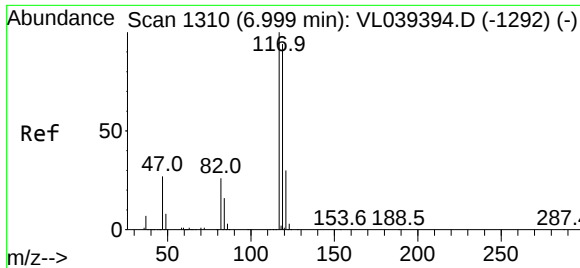
Tgt Ion: 43 Resp: 273458

Ion Ratio Lower Upper

43 100

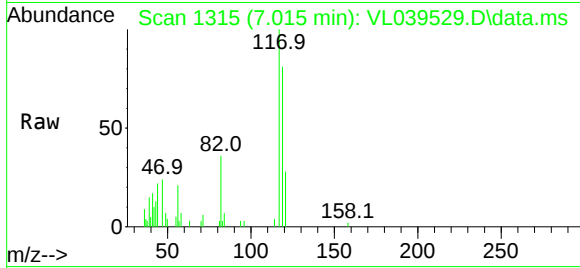
72 35.8 17.9 26.9#





#35
Carbon Tetrachloride
Concen: 0.066 ppbv m
RT: 7.015 min Scan# 117
Delta R.T. 0.016 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

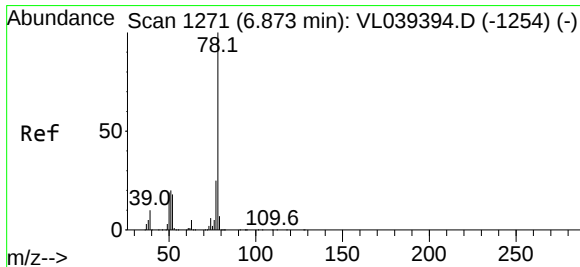
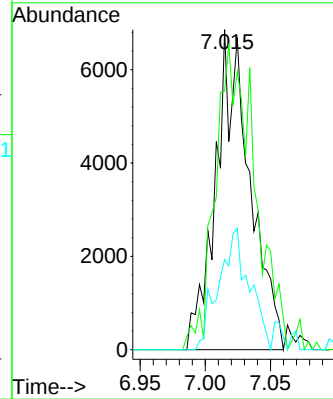
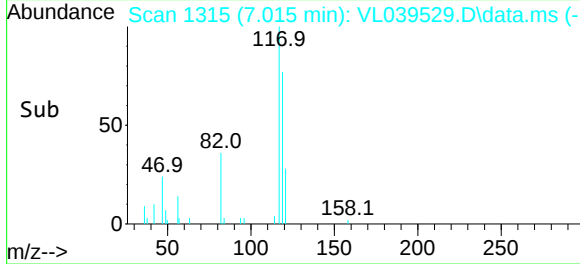
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion: 117 Resp: 1254
Ion Ratio Lower Upper
117 100
119 80.8 75.4 113.2
121 28.1 24.2 36.2

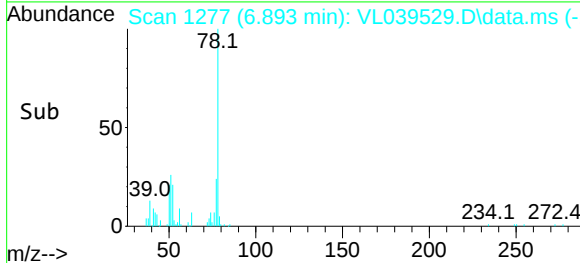
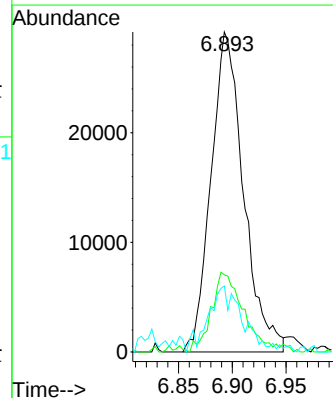
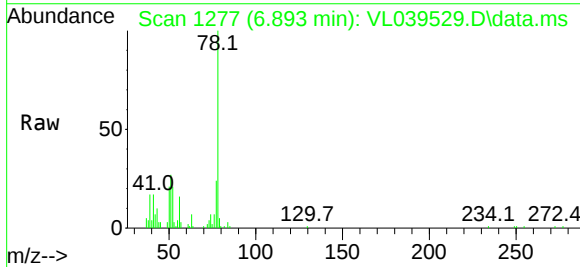
Manual Integrations
APPROVED

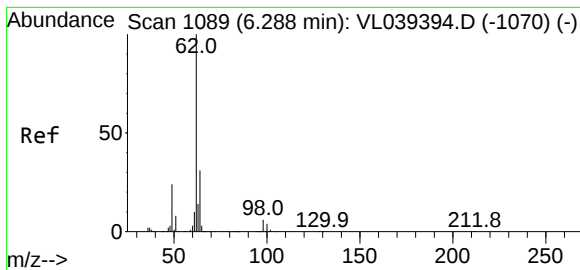
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#36
Benzene
Concen: 0.256 ppbv
RT: 6.893 min Scan# 1277
Delta R.T. 0.019 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

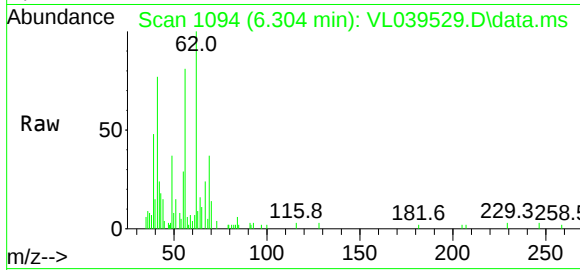
Tgt Ion: 78 Resp: 61292
Ion Ratio Lower Upper
78 100
77 23.4 20.3 30.5
50 19.4 15.5 23.3





#37
1,2-Dichloroethane
Concen: 0.119 ppbv m
RT: 6.304 min Scan# 1094
Delta R.T. 0.016 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

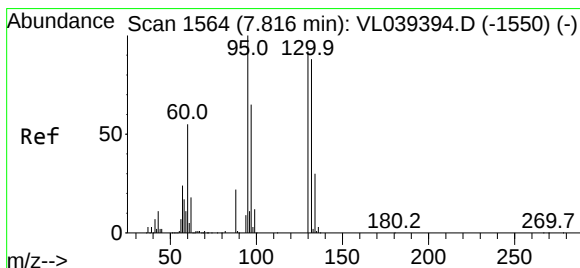
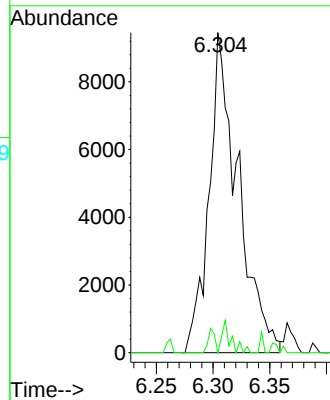
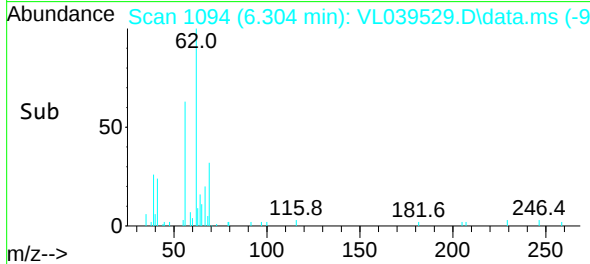
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion: 62 Resp: 1681
Ion Ratio Lower Upper
62 100
98 4.7 5.1 7.7

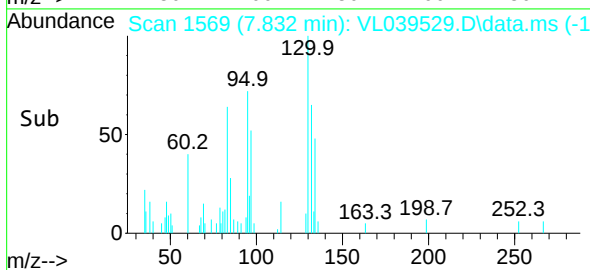
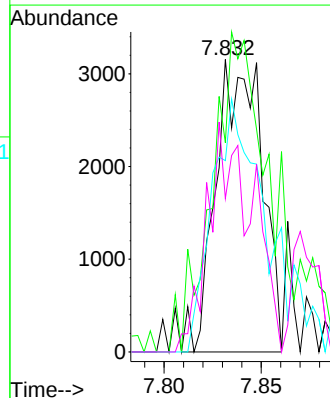
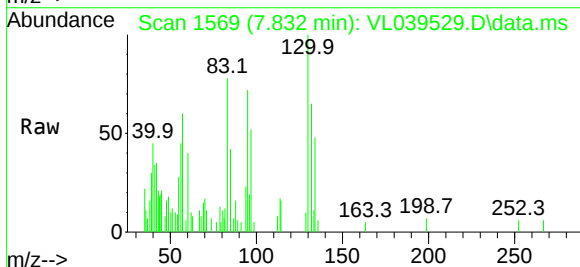
Manual Integrations
APPROVED

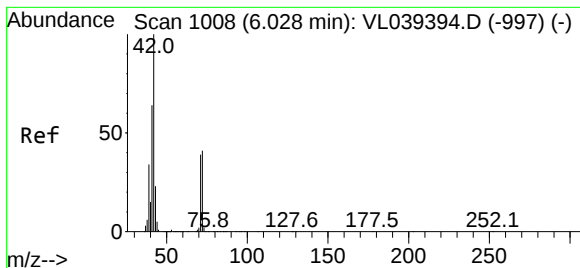
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#38
Trichloroethene
Concen: 0.040 ppbv m
RT: 7.832 min Scan# 1569
Delta R.T. 0.016 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

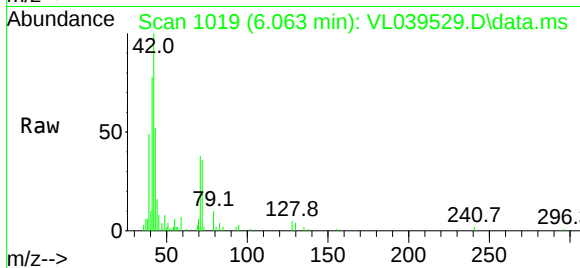
Tgt Ion:130 Resp: 5197
Ion Ratio Lower Upper
130 100
95 71.5 87.3 130.9#
132 65.5 76.7 115.1#
97 52.5 56.5 84.7#





#41
Tetrahydrofuran
Concen: 0.347 ppbv m
RT: 6.063 min Scan# 1008
Delta R.T. 0.035 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

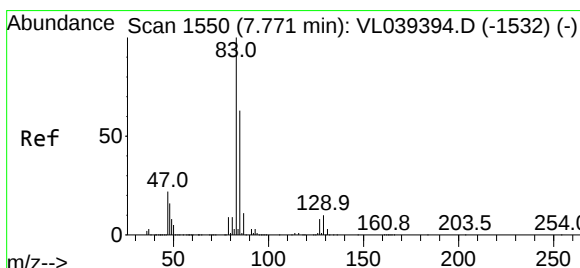
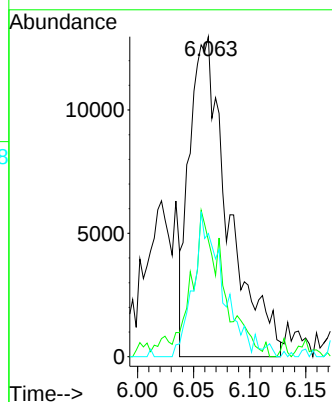
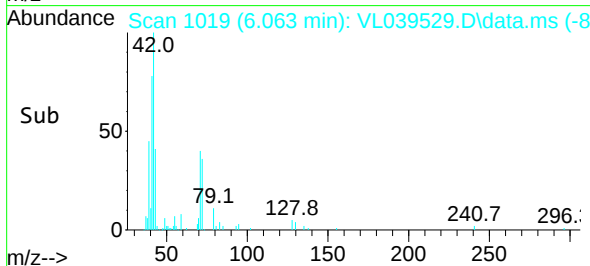
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



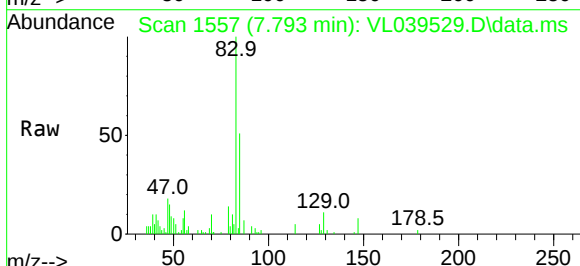
Tgt Ion: 42 Resp: 3129
Ion Ratio Lower Upper
42 100
72 39.9 31.8 47.8
71 35.1 31.8 47.8

Manual Integrations
APPROVED

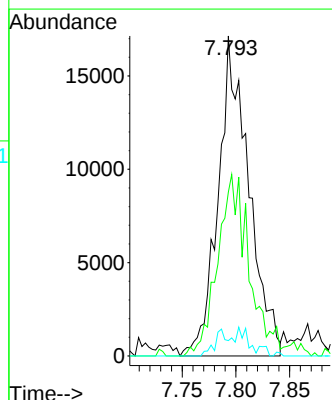
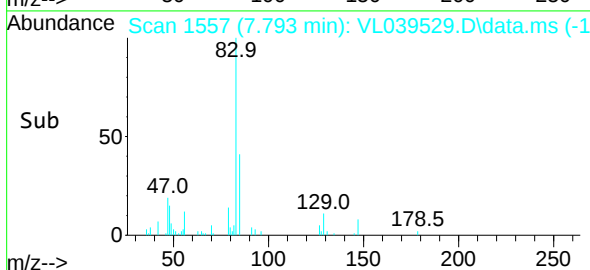
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

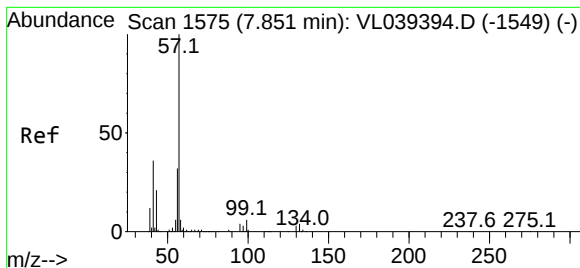


#42
Bromodichloromethane
Concen: 0.178 ppbv m
RT: 7.793 min Scan# 1557
Delta R.T. 0.022 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29



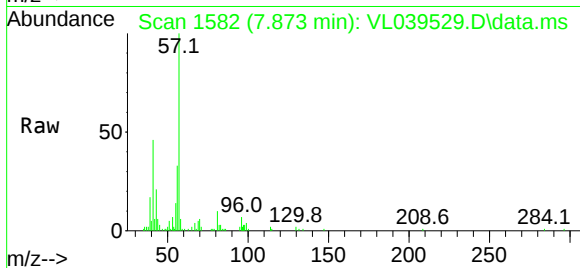
Tgt Ion: 83 Resp: 33919
Ion Ratio Lower Upper
83 100
85 51.2 50.7 76.1
127 4.8 6.6 9.8





#44
2,2,4-Trimethylpentane
Concen: 0.163 ppbv
RT: 7.873 min Scan# 1582
Delta R.T. 0.022 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

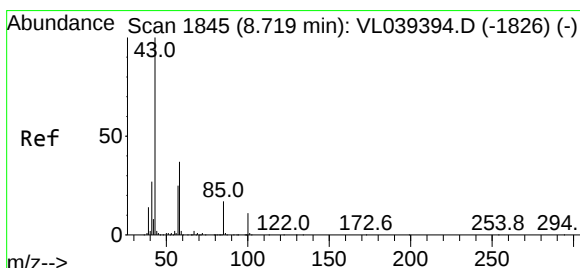
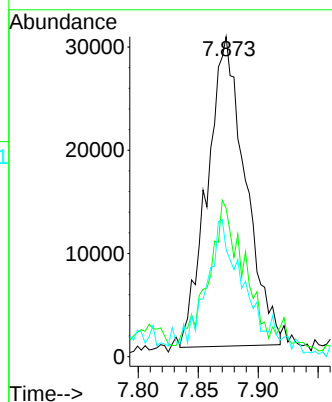
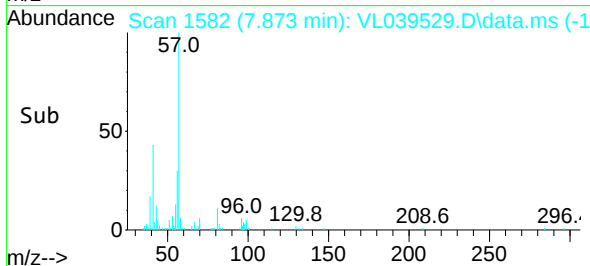
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



Tgt Ion: 57 Resp: 6615
Ion Ratio Lower Upper
57 100
41 50.4 27.4 41.2
56 47.6 24.5 36.7

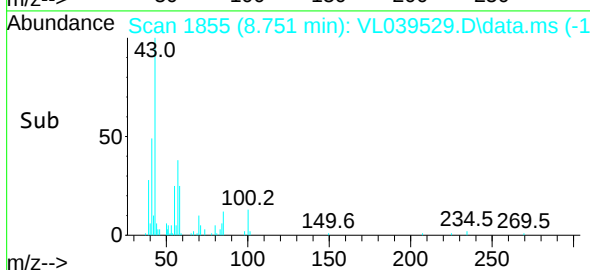
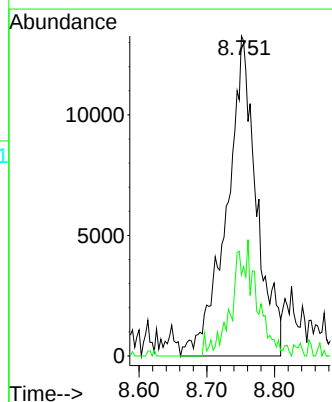
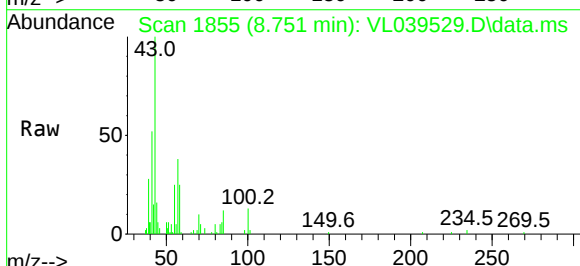
Manual Integrations
APPROVED

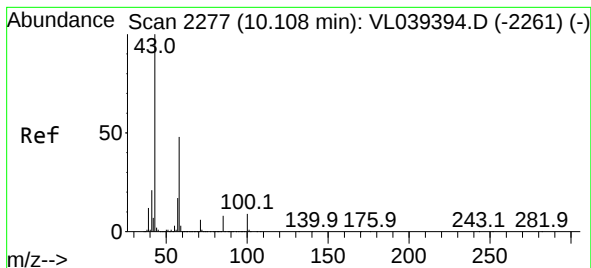
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#50
4-Methyl-2-Pentanone
Concen: 0.172 ppbv m
RT: 8.751 min Scan# 1855
Delta R.T. 0.032 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

Tgt Ion: 43 Resp: 40504
Ion Ratio Lower Upper
43 100
58 30.3 28.8 43.2





#51

2-Hexanone

Concen: 0.205 ppbv m

RT: 10.147 min Scan# 2289

Delta R.T. 0.038 min

Lab File: VL039529.D

Acq: 25 Jul 2022 23:29

Instrument :

MSVOA_L

ClientSampleId :

IA-1DUP

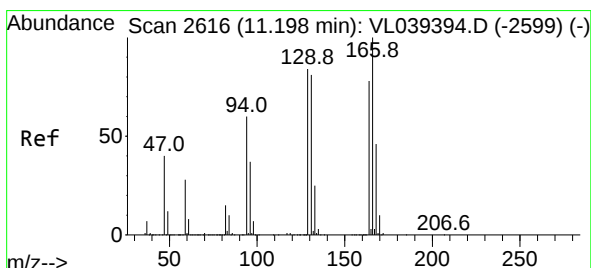
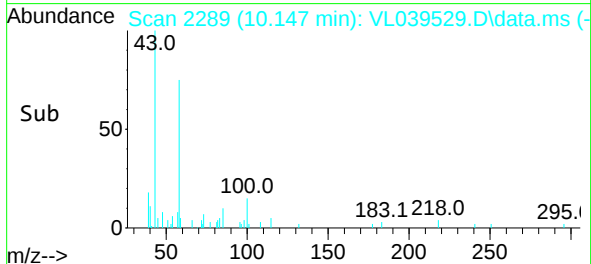
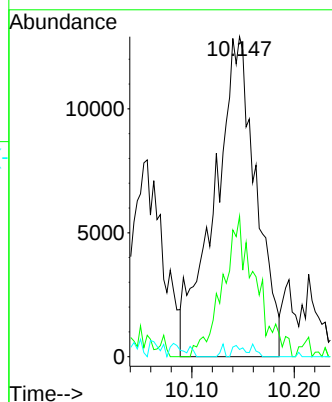
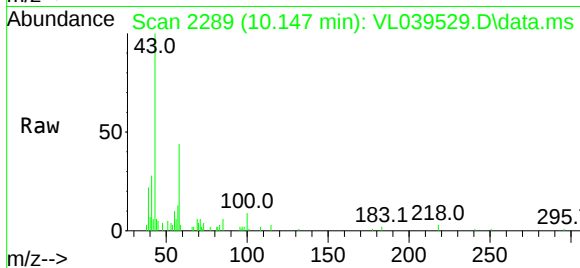
Tgt Ion: 43 Resp: 3648

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.4	57.6
98	0.0	0.3	0.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#52

Tetrachloroethene

Concen: 0.240 ppbv m

RT: 11.227 min Scan# 2625

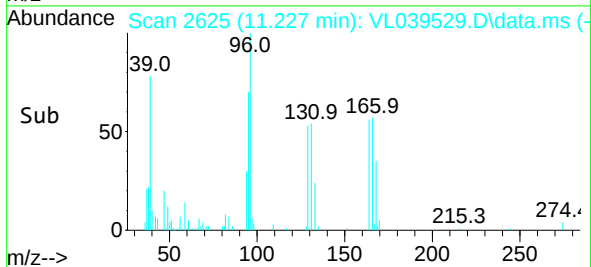
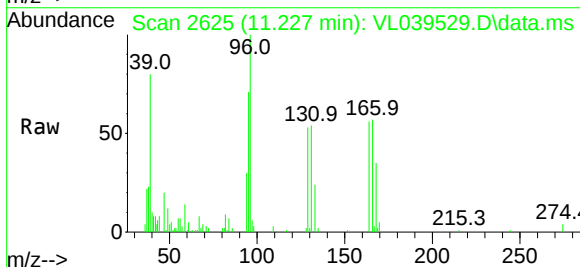
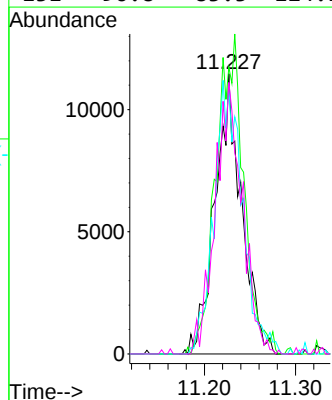
Delta R.T. 0.029 min

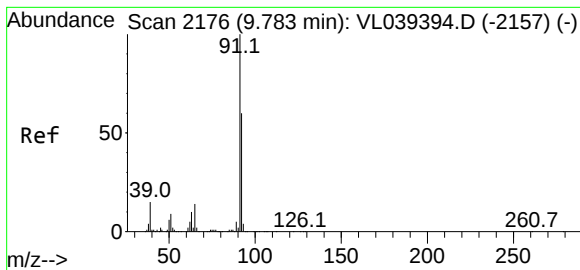
Lab File: VL039529.D

Acq: 25 Jul 2022 23:29

Tgt Ion:164 Resp: 23101

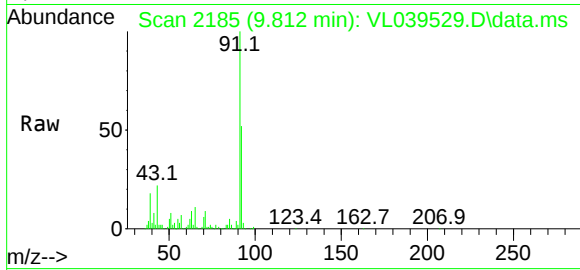
Ion	Ratio	Lower	Upper
164	100		
166	102.3	102.2	153.2
129	95.6	85.8	128.8
131	96.8	83.3	124.9





#53
Toluene
Concen: 1.207 ppbv
RT: 9.812 min Scan# 2176
Delta R.T. 0.029 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

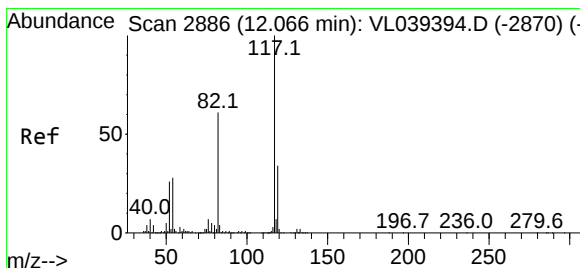
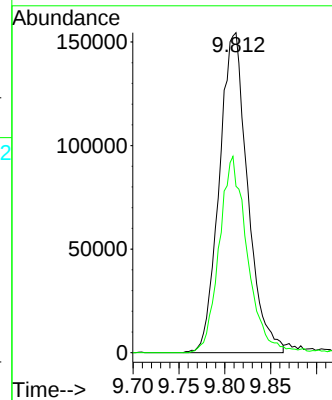
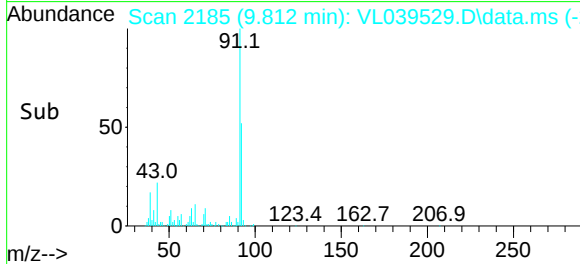
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



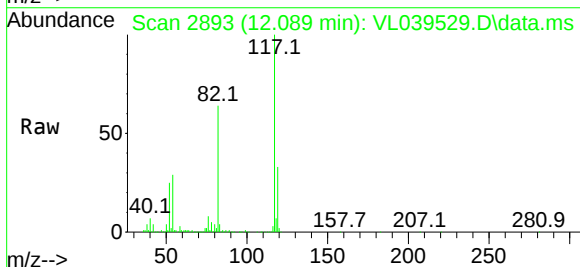
Tgt Ion: 91 Resp: 332874
Ion Ratio Lower Upper
91 100
92 61.3 48.2 72.2

Manual Integrations
APPROVED

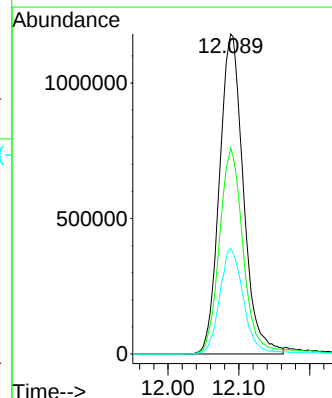
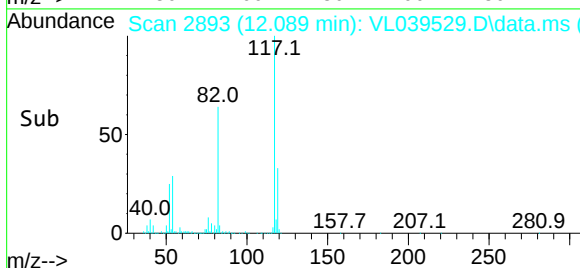
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

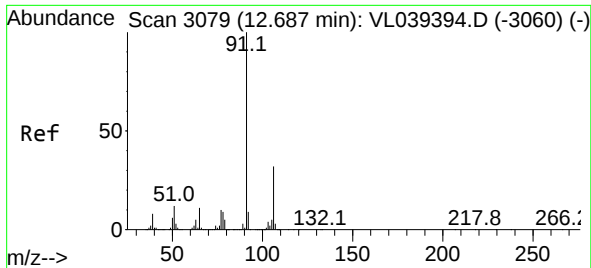


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. 0.022 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29



Tgt Ion:117 Resp: 2765057
Ion Ratio Lower Upper
117 100
82 65.6 50.8 76.2
119 33.6 24.1 36.1





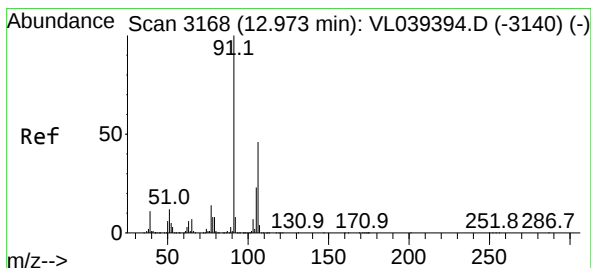
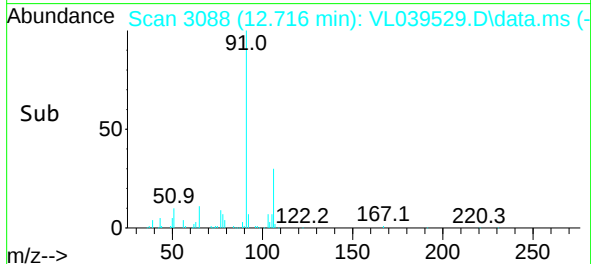
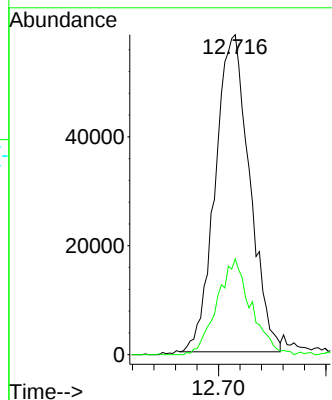
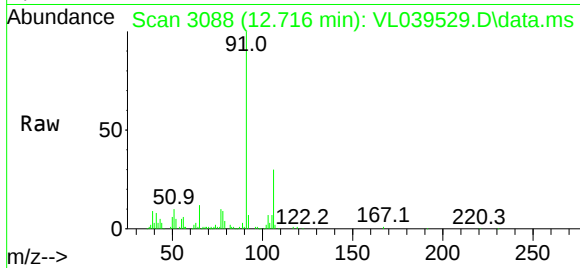
#58
Ethyl Benzene
Concen: 0.362 ppbv
RT: 12.716 min Scan# 3079
Delta R.T. 0.029 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion: 91 Resp: 129130
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.0

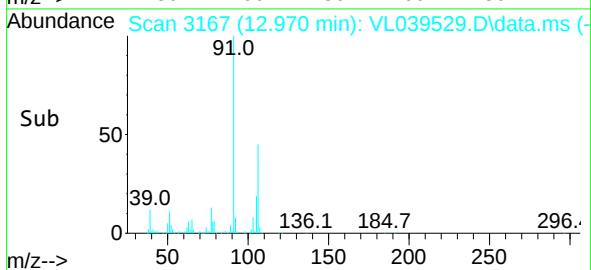
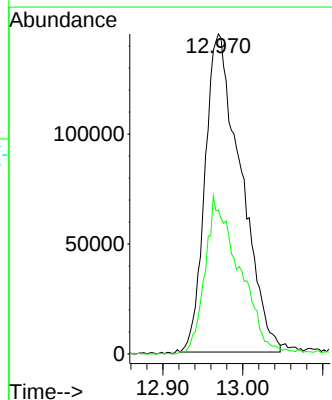
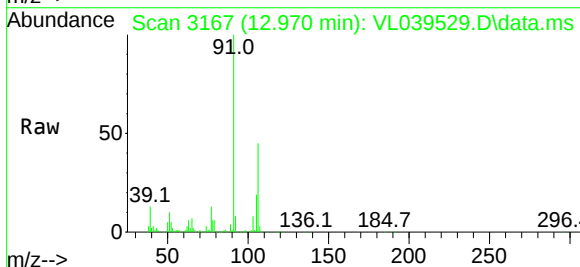
Manual Integrations
APPROVED

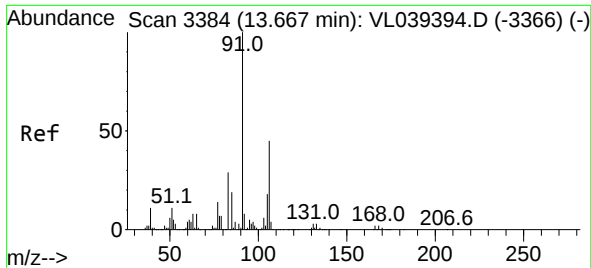
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#59
m/p-Xylene
Concen: 1.433 ppbv
RT: 12.970 min Scan# 3167
Delta R.T. -0.003 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

Tgt Ion: 91 Resp: 450947
Ion Ratio Lower Upper
91 100
106 47.7 35.4 53.2





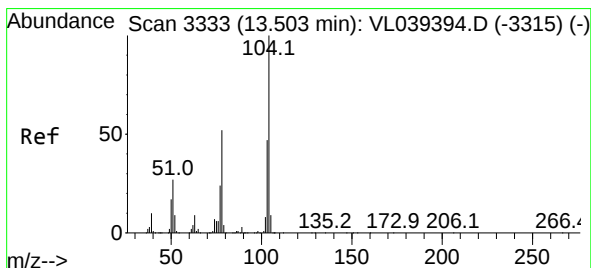
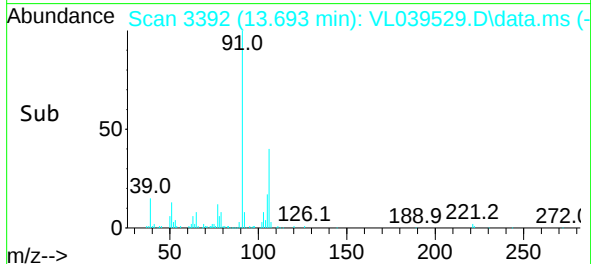
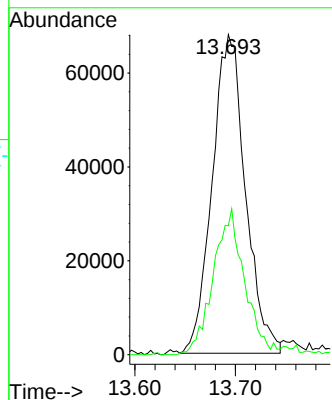
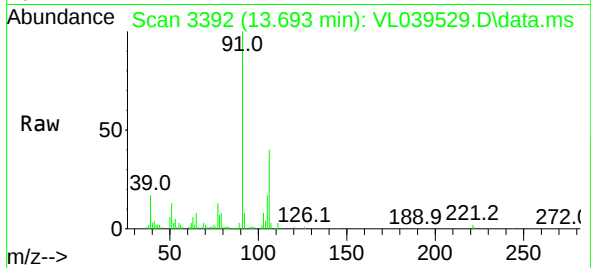
#60
o-Xylene
Concen: 0.523 ppbv
RT: 13.693 min Scan# 3392
Delta R.T. 0.026 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP

Tgt Ion: 91 Resp: 15585
Ion Ratio Lower Upper
91 100
106 45.1 22.4 67.3

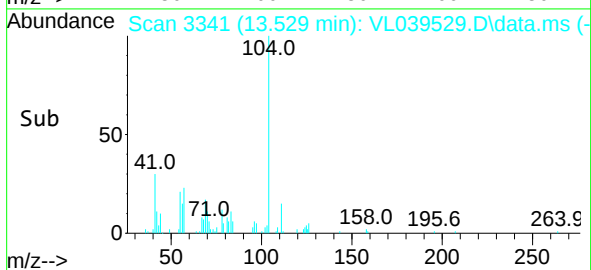
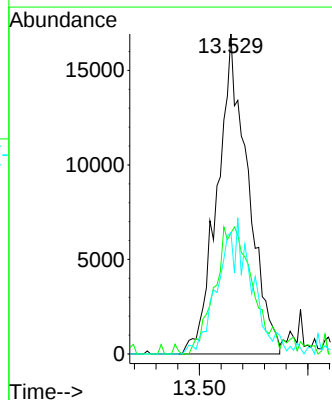
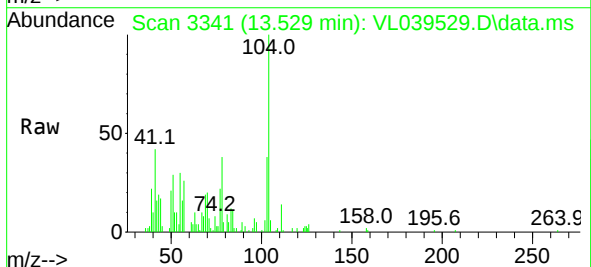
Manual Integrations
APPROVED

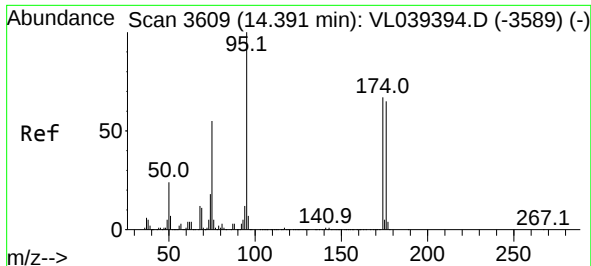
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#61
Styrene
Concen: 0.206 ppbv m
RT: 13.529 min Scan# 3341
Delta R.T. 0.026 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

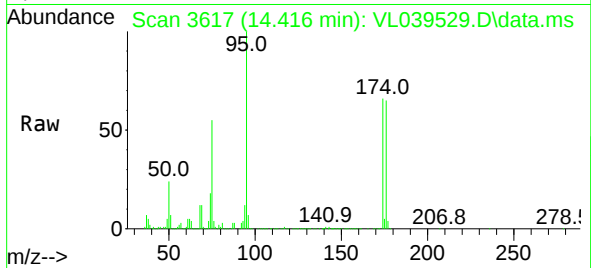
Tgt Ion:104 Resp: 33221
Ion Ratio Lower Upper
104 100
78 52.7 41.2 61.8
103 46.8 38.7 58.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.263 ppbv
RT: 14.416 min Scan# 3609
Delta R.T. 0.026 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

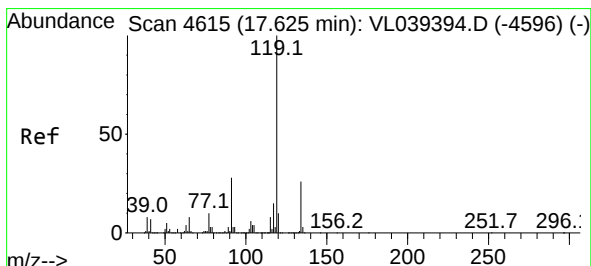
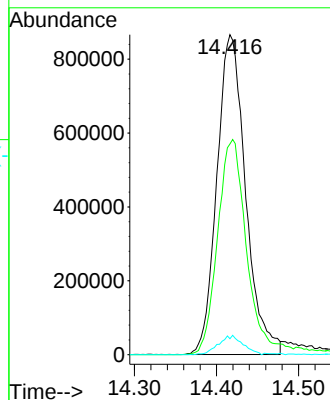
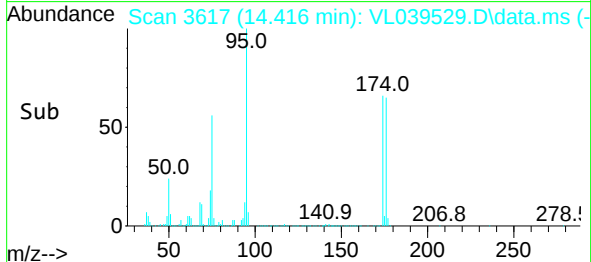
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



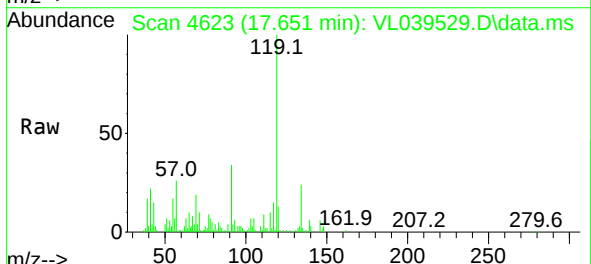
Tgt Ion: 95 Resp: 210511
Ion Ratio Lower Upper
95 100
174 71.4 55.9 83.9
175 5.5 4.2 6.4

Manual Integrations
APPROVED

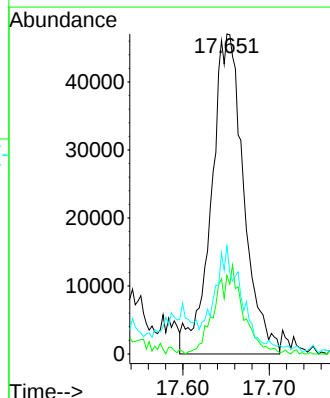
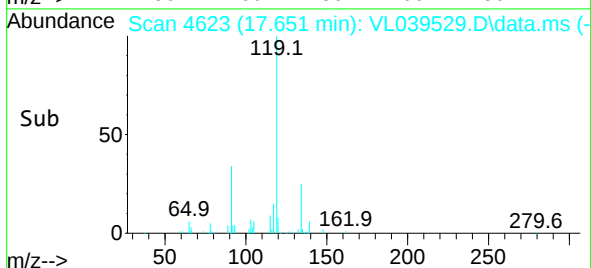
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

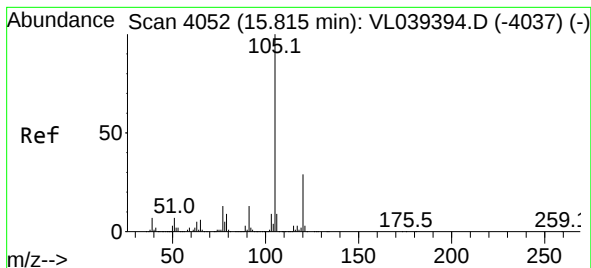


#69
p-Isopropyltoluene
Concen: 0.254 ppbv m
RT: 17.651 min Scan# 4623
Delta R.T. 0.026 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29



Tgt Ion:119 Resp: 121772
Ion Ratio Lower Upper
119 100
134 24.9 20.3 30.5
91 29.2 22.9 34.3





#72

4-Ethyltoluene

Concen: 0.154 ppbv m

RT: 15.841 min Scan# 4052

Delta R.T. 0.026 min

Lab File: VL039529.D

Acq: 25 Jul 2022 23:29

Instrument :

MSVOA_L

ClientSampleId :

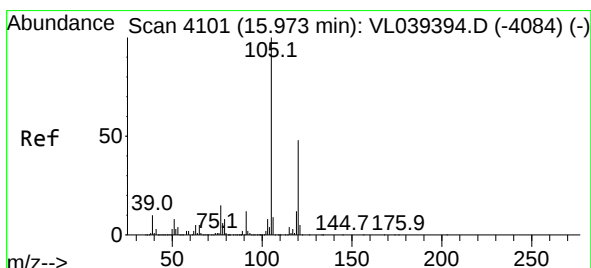
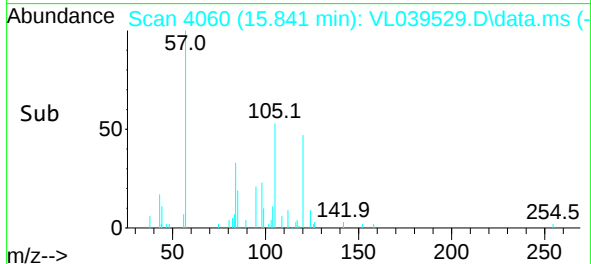
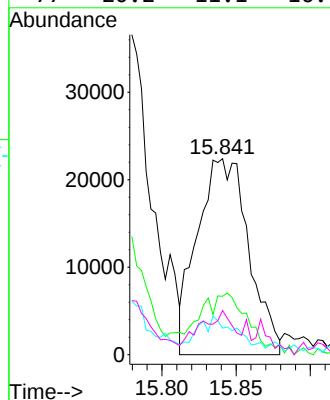
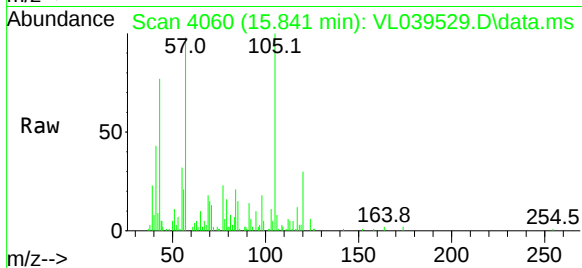
IA-1DUP

Tgt Ion:105	Resp: 54030
Ion Ratio	Lower Upper
105 100	
120 0.0	24.2 36.2
91 14.2	10.2 15.4
77 20.2	11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#73

1,3,5-Trimethylbenzene

Concen: 0.258 ppbv m

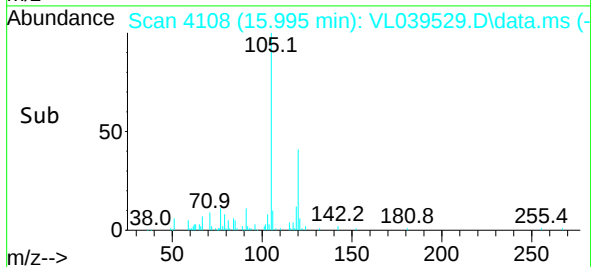
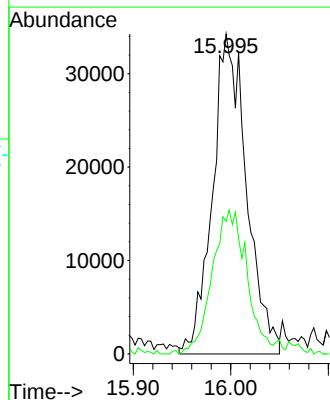
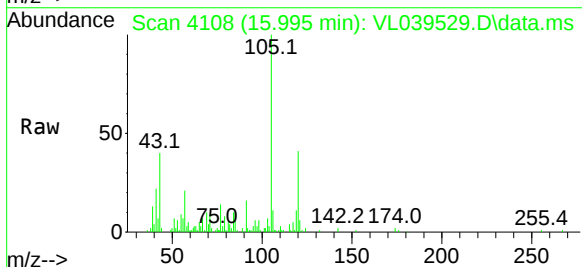
RT: 15.995 min Scan# 4108

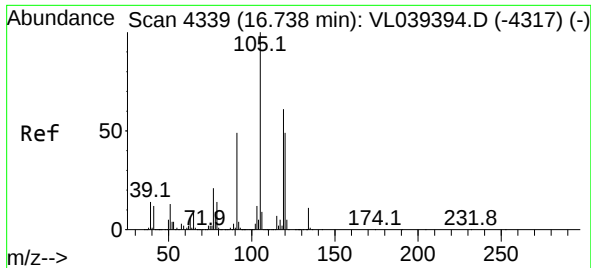
Delta R.T. 0.022 min

Lab File: VL039529.D

Acq: 25 Jul 2022 23:29

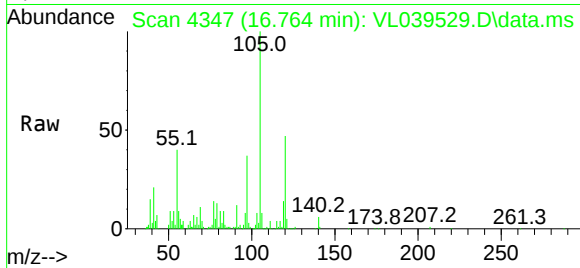
Tgt Ion:105	Resp: 83140
Ion Ratio	Lower Upper
105 100	
120 41.5	38.2 57.4





#74
 1,2,4-Trimethylbenzene
 Concen: 0.573 ppbv
 RT: 16.764 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL039529.D
 Acq: 25 Jul 2022 23:29

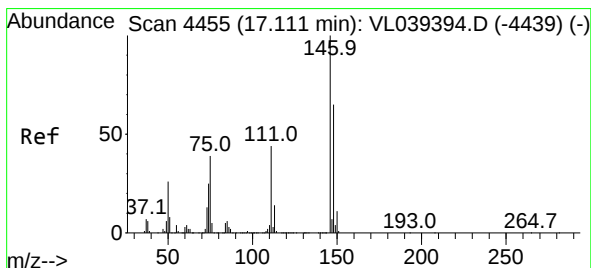
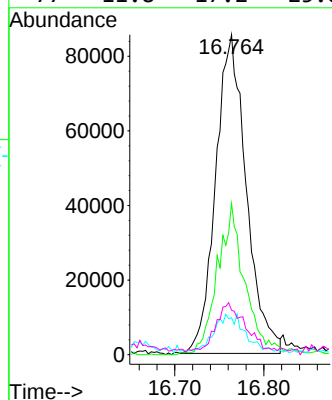
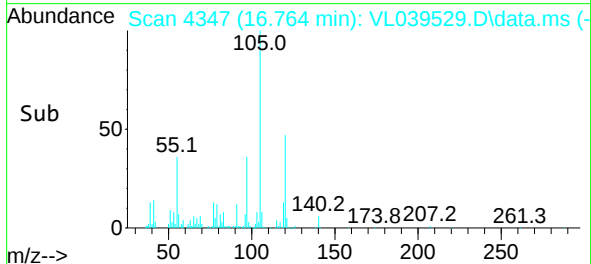
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DUP



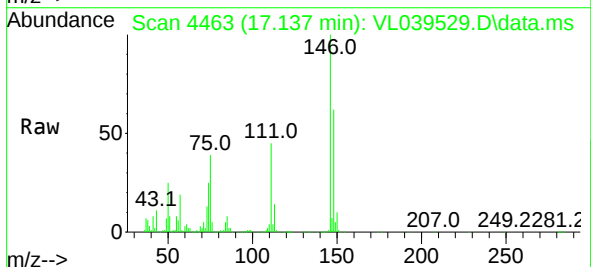
Tgt Ion:105 Resp: 20398
 Ion Ratio Lower Upper
 105 100
 120 46.8 39.5 59.3
 91 10.5 39.2 58.8
 77 11.8 17.2 25.8#

Manual Integrations
 APPROVED

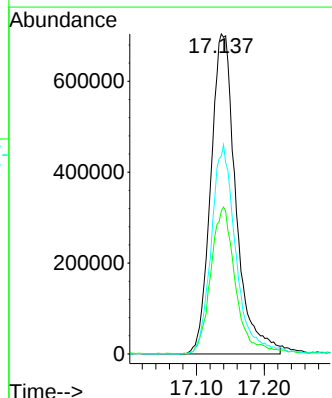
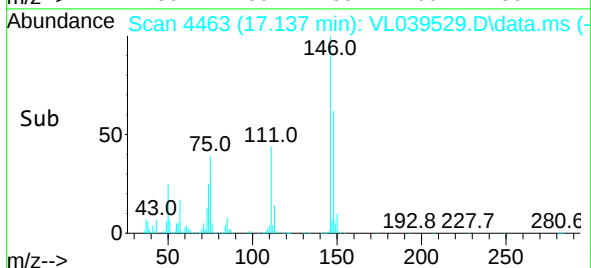
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

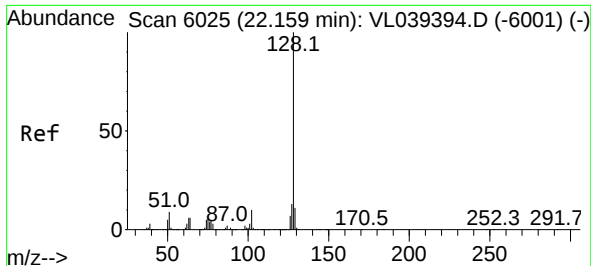


#76
 1,4-Dichlorobenzene
 Concen: 8.619 ppbv
 RT: 17.137 min Scan# 4463
 Delta R.T. 0.026 min
 Lab File: VL039529.D
 Acq: 25 Jul 2022 23:29



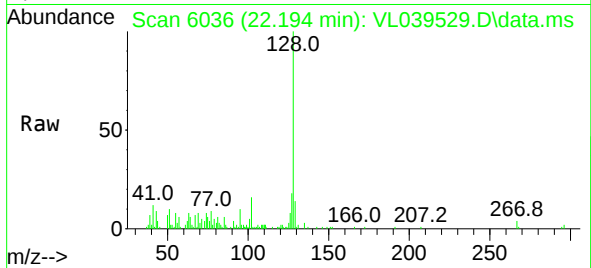
Tgt Ion:146 Resp: 1814324
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.9 68.8
 148 64.4 33.6 100.8





#79
Naphthalene
Concen: 0.361 ppbv m
RT: 22.194 min Scan# 6025
Delta R.T. 0.035 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29

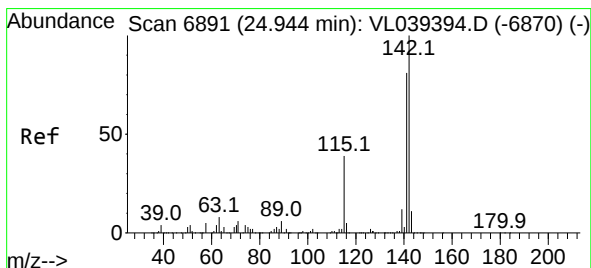
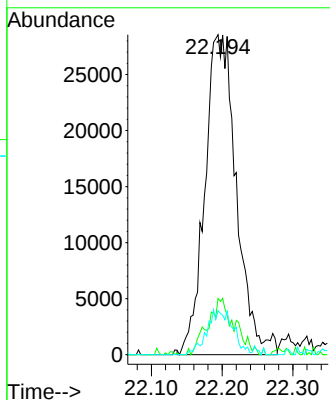
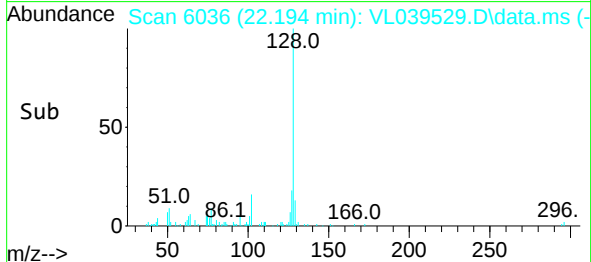
Instrument :
MSVOA_L
ClientSampleId :
IA-1DUP



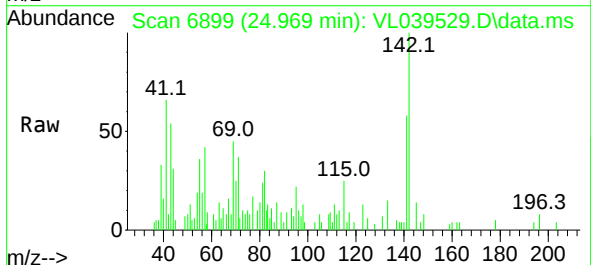
Tgt Ion:128 Resp: 8838
Ion Ratio Lower Upper
128 100
127 17.6 10.6 15.8
129 13.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#80
Naphthalene,2-methyl-
Concen: 0.121 ppbv
RT: 24.969 min Scan# 6899
Delta R.T. 0.026 min
Lab File: VL039529.D
Acq: 25 Jul 2022 23:29



Tgt Ion:142 Resp: 10113
Ion Ratio Lower Upper
142 100
141 74.4 68.9 103.3
115 69.3 30.0 45.0

