

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039180.D
 Acq On : 6 Jun 2022 10:47
 Operator : SY/AP
 Sample : N3110-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7

Manual Integrations APPROVED

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

Quant Time: Jun 06 12:03:39 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 06 12:03:39 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	5.668	49	1207181	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	2989958	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.076	117	2734914	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.400 95 2184509 9.661 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.047	85	41922	0.198	ppbv	97
3) Chlorodifluoromethane	2.983	51	32697	0.213	ppbv	100
4) Chloromethane	3.137	50	36442	0.462	ppbv	90
5) Vinyl Chloride	3.259	62	4617m	0.063	ppbv	
10) Heptane	8.118	43	264901	1.695	ppbv	99
11) Trichlorofluoromethane	3.954	101	74680	0.389	ppbv #	83
12) 1,1,2-Trichlorotrifluo...	4.488	101	17905m	0.141	ppbv	
13) Ethanol	3.597	45	293209	80.276	ppbv #	100
15) Acetone	3.851	43	773031	6.147	ppbv	91
17) tert-Butyl alcohol	4.295	59	121166	1.242	ppbv #	91
19) Isopropyl Alcohol	3.967	45	147647	2.503	ppbv #	1
20) Methylene Chloride	4.349	84	92787	1.751	ppbv	98
22) trans-1,2-Dichloroethene	4.889	96	3599	0.066	ppbv #	84
26) Hexane	5.684	57	191068	1.534	ppbv #	54
27) Carbon Disulfide	4.552	76	543657	4.211	ppbv	98
29) Chloroform	5.751	83	50098m	0.239	ppbv	
30) Cyclohexane	7.127	84	25205m	0.241	ppbv	
31) cis-1,2-Dichloroethene	5.552	61	9657m	0.076	ppbv	
32) 1,1,1-Trichloroethane	6.510	97	25625m	0.125	ppbv	
34) 2-Butanone	5.243	43	210700	1.297	ppbv	99
35) Carbon Tetrachloride	7.018	117	16748m	0.077	ppbv	
36) Benzene	6.889	78	74593	0.307	ppbv	93
38) Trichloroethene	7.831	130	9755m	0.087	ppbv	
40) 1,4-Dioxane	7.844	88	16294m	0.513	ppbv	
41) Tetrahydrofuran	6.063	42	29375m	0.301	ppbv	
44) 2,2,4-Trimethylpentane	7.867	57	152175	0.358	ppbv #	86
50) 4-Methyl-2-Pentanone	8.745	43	47155m	0.194	ppbv	
52) Tetrachloroethene	11.217	164	3488302	36.806	ppbv	96
53) Toluene	9.796	91	2727560	9.758	ppbv	100
58) Ethyl Benzene	12.696	91	1016026	2.697	ppbv	97
59) m/p-Xylene	12.957	91	3563595	10.742	ppbv	93
60) o-Xylene	13.680	91	1414333	4.537	ppbv	100
61) Styrene	13.516	104	106269m	0.637	ppbv	
62) Isopropylbenzene	14.654	105	161235	0.348	ppbv	100
64) n-propylbenzene	15.545	120	150842	1.324	ppbv	83
65) tert-Butylbenzene	16.744	119	419813	0.991	ppbv #	72
67) sec-Butylbenzene	17.281	105	201078m	0.348	ppbv	
69) p-Isopropyltoluene	17.638	119	312201	0.640	ppbv	95
70) n-Butylbenzene	18.538	91	470054	0.939	ppbv #	55
72) 4-Ethyltoluene	15.825	105	1052192	2.880	ppbv	99
73) 1,3,5-Trimethylbenzene	15.985	105	888980	2.698	ppbv	97
74) 1,2,4-Trimethylbenzene	16.744	105	3461618	9.413	ppbv #	66
75) 1,3-Dichlorobenzene	16.985	146	35588m	0.171	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039180.D
 Acq On : 6 Jun 2022 10:47
 Operator : SY/AP
 Sample : N3110-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7

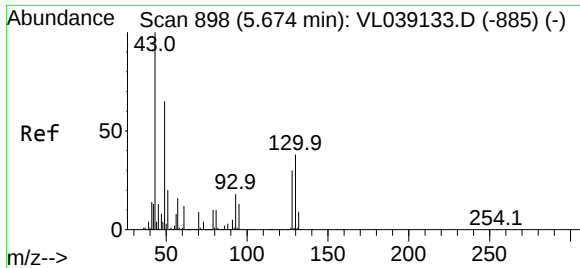
Manual Integrations
 APPROVED

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

Quant Time: Jun 06 12:03:39 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 06 12:03:39 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

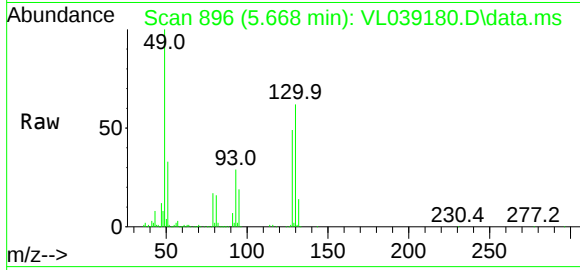
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,4-Dichlorobenzene	17.124	146	28489m	0.137	ppbv	
77) 1,2-Dichlorobenzene	17.799	146	29067m	0.139	ppbv	
78) Hexachloro-1,3-Butadiene	23.365	225	34384m	0.179	ppbv	
79) Naphthalene	22.178	128	836100	2.954	ppbv	96
81) 1,2,4-Trichlorobenzene	21.908	180	32447m	0.181	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.007 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

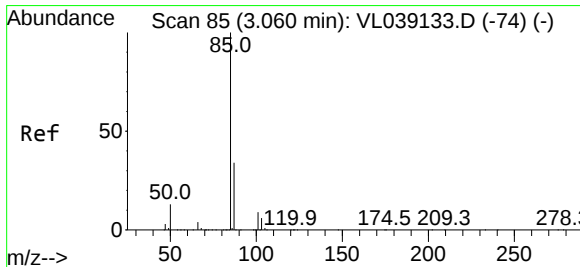
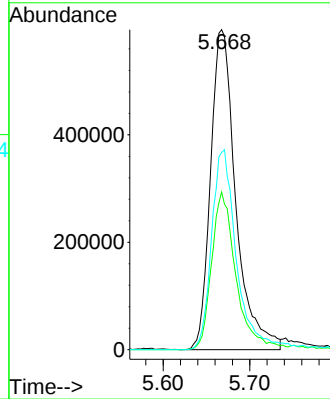
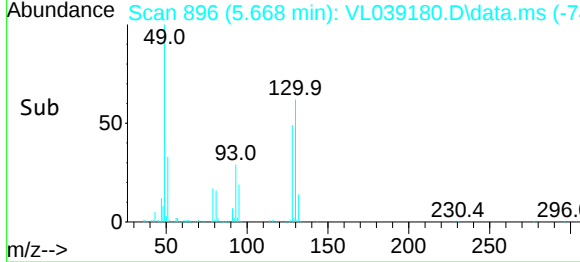
Instrument :
MSVOA_L
ClientSampleId :
SG-7



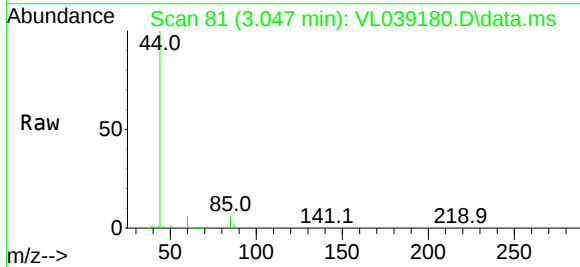
Tgt Ion: 49 Resp: 120718
Ion Ratio Lower Upper
49 100
128 48.8 24.7 74.1
130 63.1 31.4 94.0

Manual Integrations
APPROVED

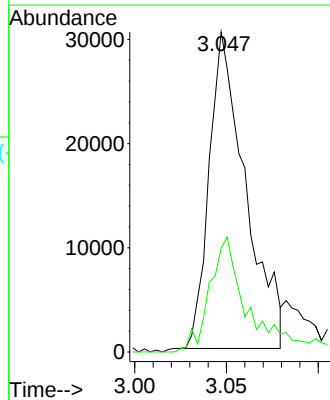
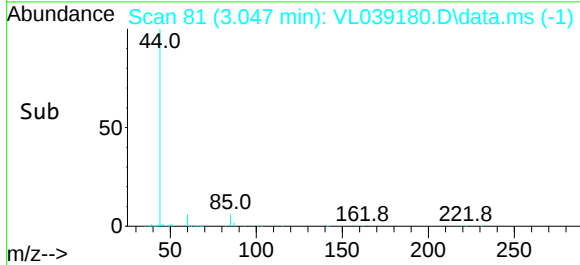
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

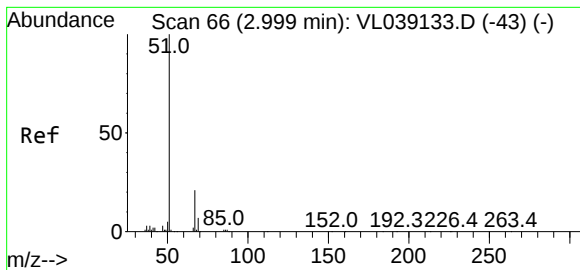


#2
Dichlorodifluoromethane
Concen: 0.198 ppbv
RT: 3.047 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



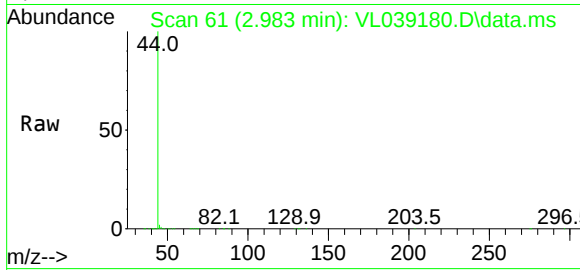
Tgt Ion: 85 Resp: 41922
Ion Ratio Lower Upper
85 100
87 31.9 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.213 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

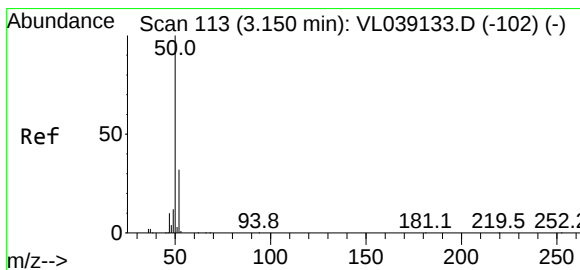
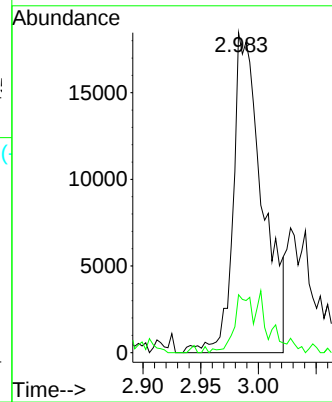
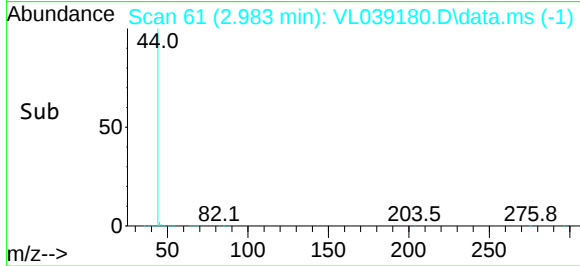
Instrument :
MSVOA_L
ClientSampleId :
SG-7



Tgt Ion: 51 Resp: 3269
Ion Ratio Lower Upper
51 100
67 20.1 16.2 24.4

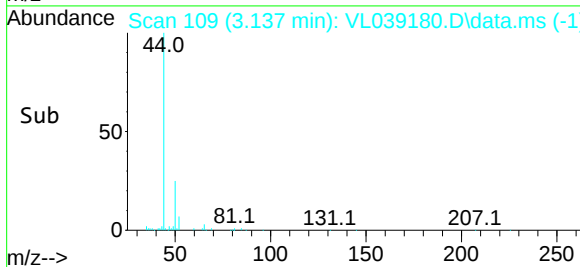
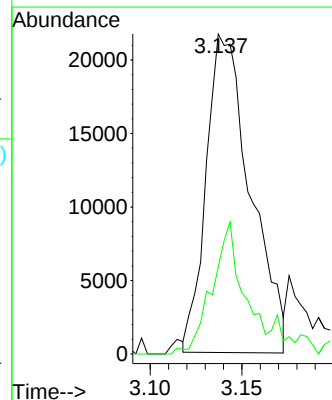
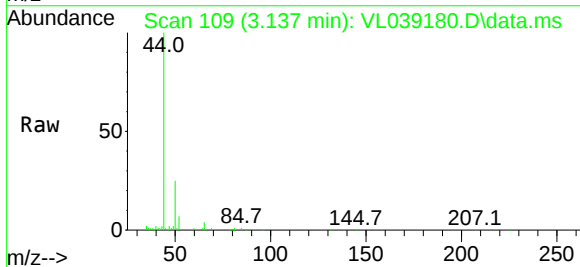
Manual Integrations
APPROVED

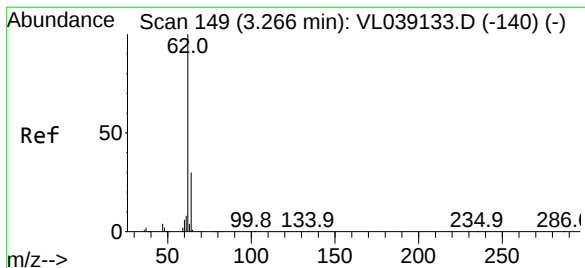
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#4
Chloromethane
Concen: 0.462 ppbv
RT: 3.137 min Scan# 109
Delta R.T. -0.013 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

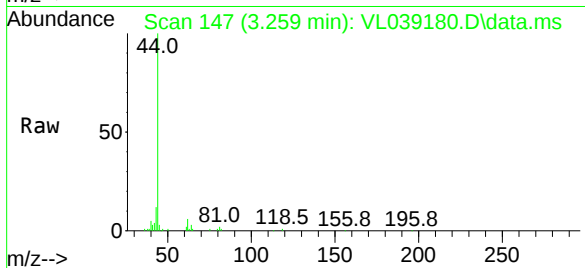
Tgt Ion: 50 Resp: 36442
Ion Ratio Lower Upper
50 100
52 26.8 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.063 ppbv m
 RT: 3.259 min Scan# 14
 Delta R.T. -0.007 min
 Lab File: VL039180.D
 Acq: 6 Jun 2022 10:47

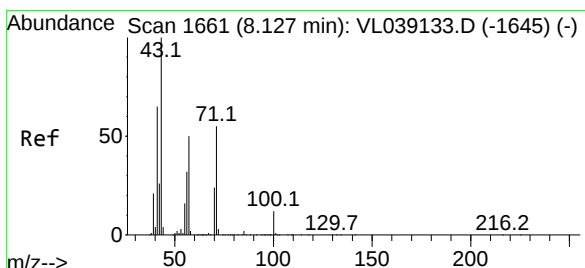
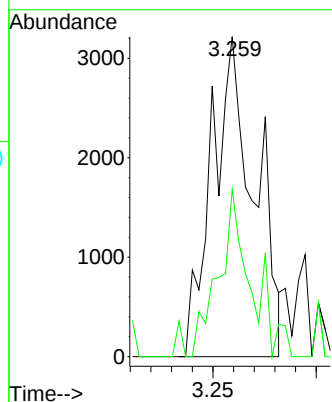
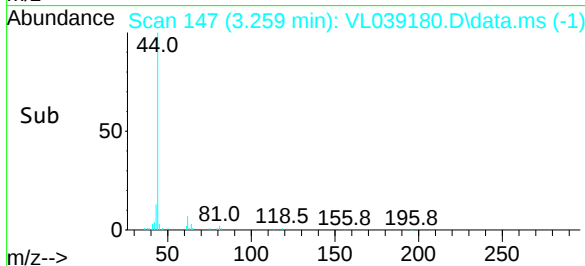
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7



Tgt Ion: 62 Resp: 461
 Ion Ratio Lower Upper
 62 100
 64 52.3 24.2 36.2

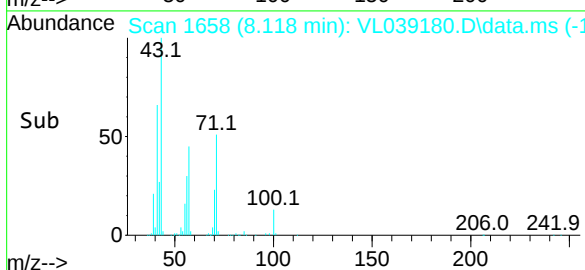
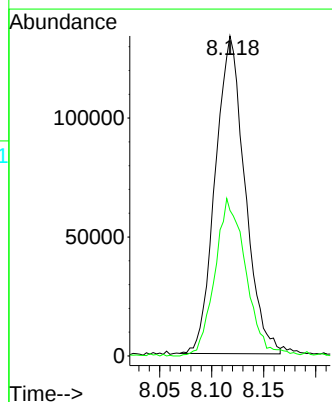
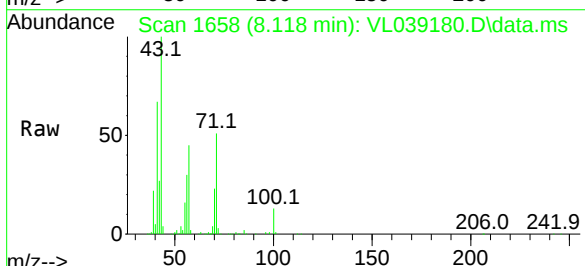
Manual Integrations
 APPROVED

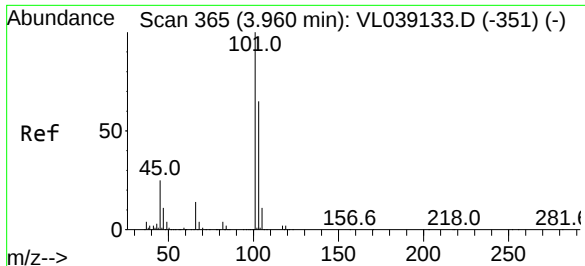
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#10
 Heptane
 Concen: 1.695 ppbv
 RT: 8.118 min Scan# 1658
 Delta R.T. -0.010 min
 Lab File: VL039180.D
 Acq: 6 Jun 2022 10:47

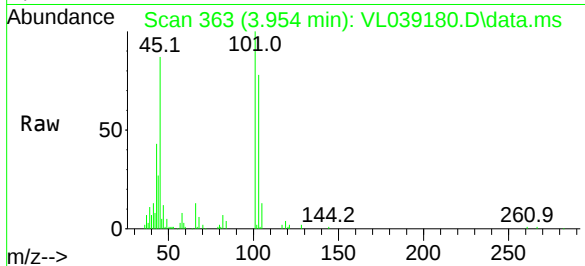
Tgt Ion: 43 Resp: 264901
 Ion Ratio Lower Upper
 43 100
 57 52.6 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 0.389 ppbv
 RT: 3.954 min Scan# 301
 Delta R.T. -0.007 min
 Lab File: VL039180.D
 Acq: 6 Jun 2022 10:47

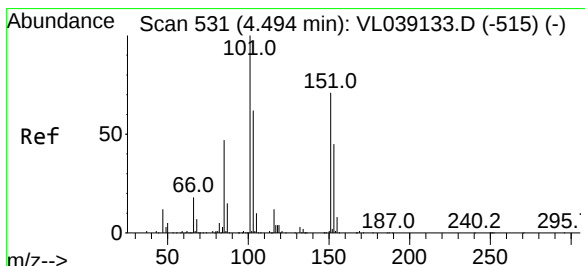
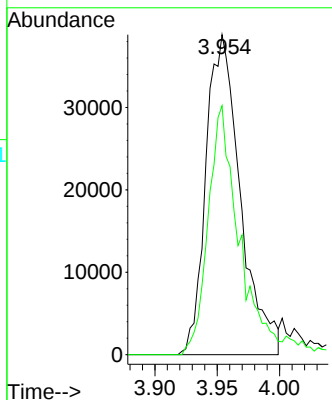
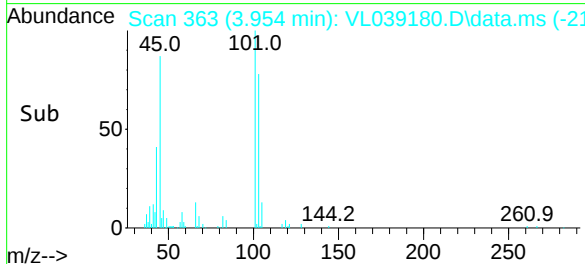
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7



Tgt Ion:101 Resp: 74680
 Ion Ratio Lower Upper
 101 100
 103 77.8 51.7 77.5

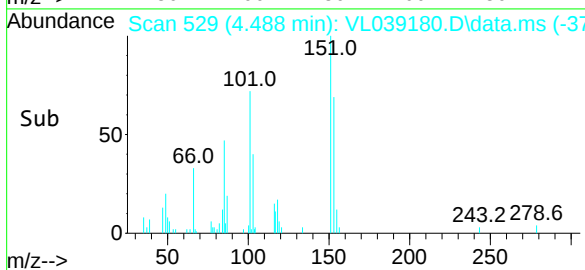
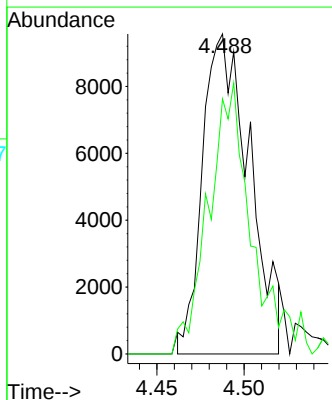
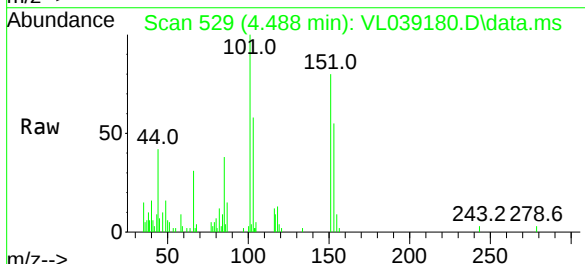
Manual Integrations
 APPROVED

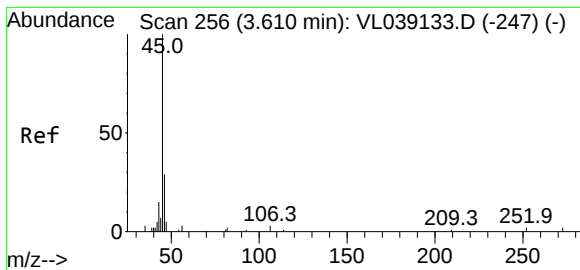
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.141 ppbv m
 RT: 4.488 min Scan# 529
 Delta R.T. -0.007 min
 Lab File: VL039180.D
 Acq: 6 Jun 2022 10:47

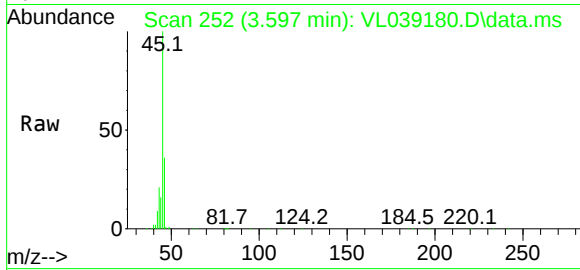
Tgt Ion:101 Resp: 17905
 Ion Ratio Lower Upper
 101 100
 151 77.8 59.4 89.0





#13
Ethanol
Concen: 80.276 ppbv
RT: 3.597 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

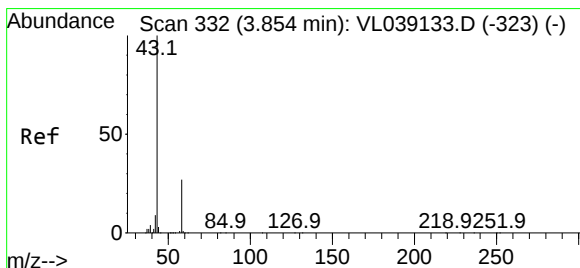
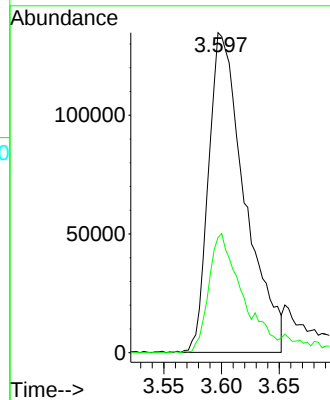
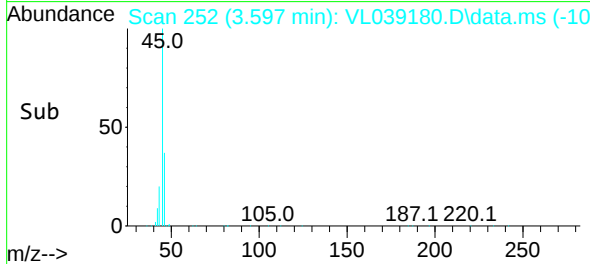
Instrument :
MSVOA_L
ClientSampleId :
SG-7



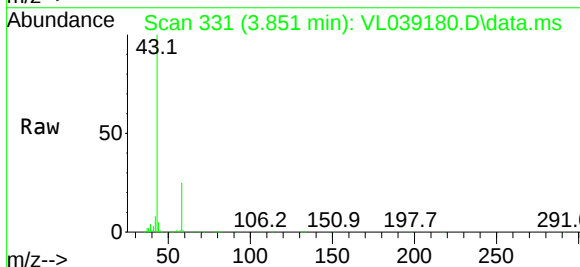
Tgt Ion: 45 Resp: 293209
Ion Ratio Lower Upper
45 100
46 41.6 0.0 0.0

Manual Integrations
APPROVED

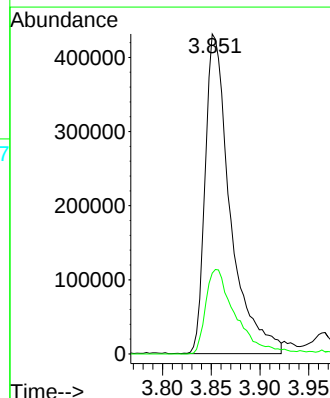
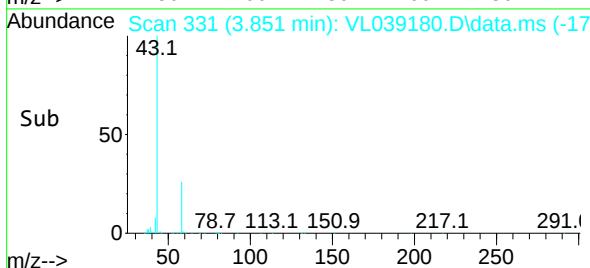
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

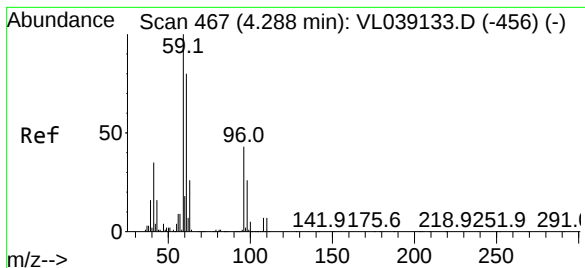


#15
Acetone
Concen: 6.147 ppbv
RT: 3.851 min Scan# 331
Delta R.T. -0.003 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



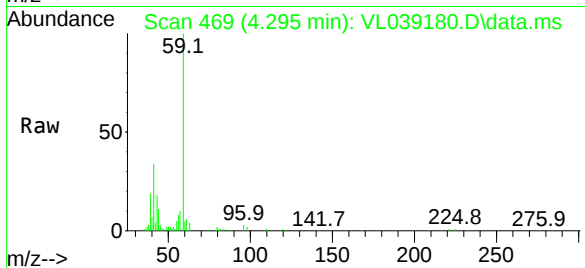
Tgt Ion: 43 Resp: 773031
Ion Ratio Lower Upper
43 100
58 33.0 22.5 33.7





#17
tert-Butyl alcohol
Concen: 1.242 ppbv
RT: 4.295 min Scan# 467
Delta R.T. 0.006 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

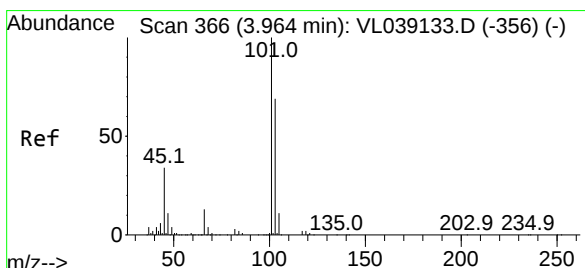
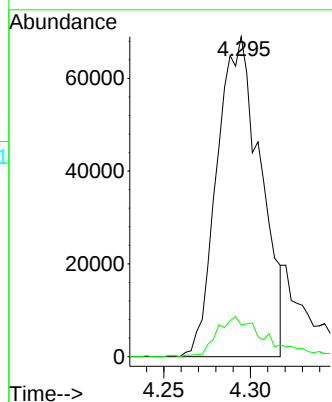
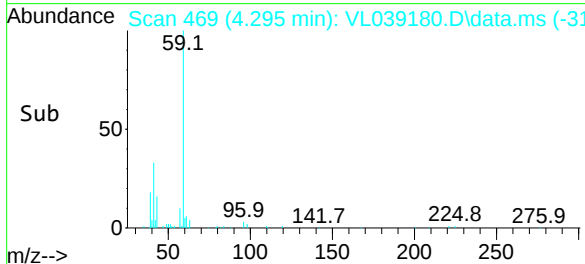
Instrument :
MSVOA_L
ClientSampleId :
SG-7



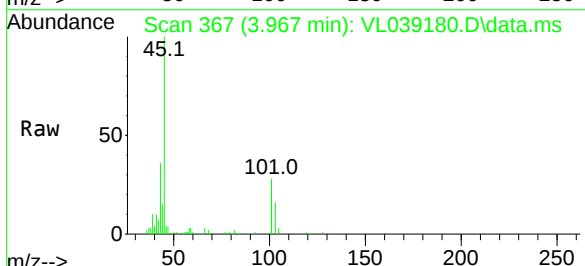
Tgt Ion: 59 Resp: 121160
Ion Ratio Lower Upper
59 100
57 15.0 9.1 13.7

Manual Integrations
APPROVED

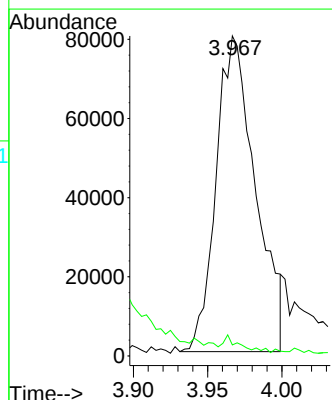
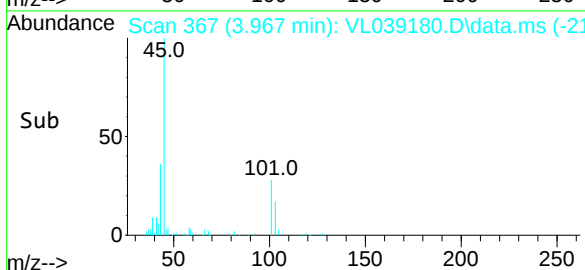
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

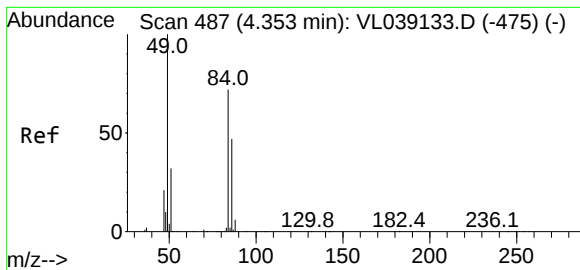


#19
Isopropyl Alcohol
Concen: 2.503 ppbv
RT: 3.967 min Scan# 367
Delta R.T. 0.003 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



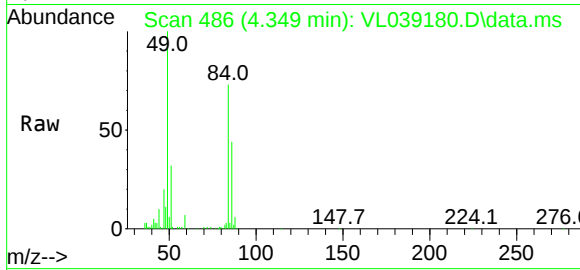
Tgt Ion: 45 Resp: 147647
Ion Ratio Lower Upper
45 100
58 172.6 1.8 2.8





#20
Methylene Chloride
Concen: 1.751 ppbv
RT: 4.349 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

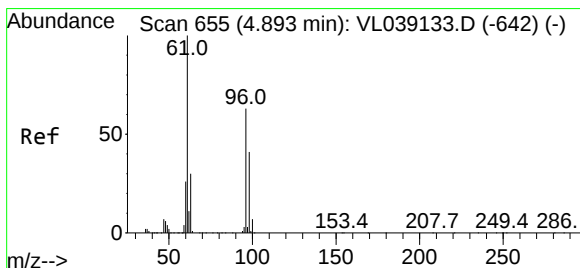
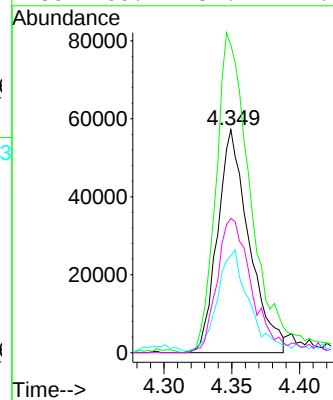
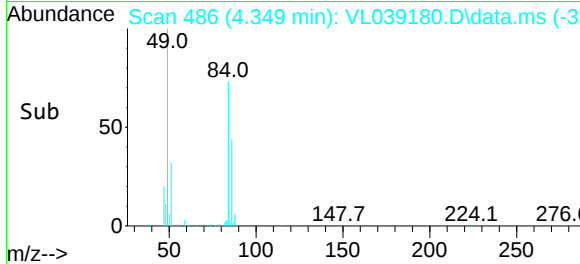
Instrument :
MSVOA_L
ClientSampleId :
SG-7



Tgt Ion: 84 Resp: 9278
Ion Ratio Lower Upper
84 100
49 137.8 111.1 166.7
51 42.7 35.3 52.9
86 60.2 51.9 77.9

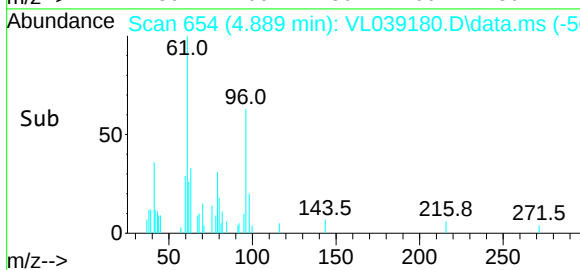
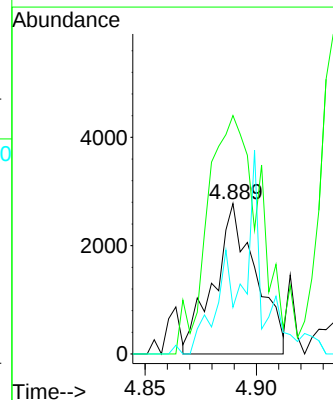
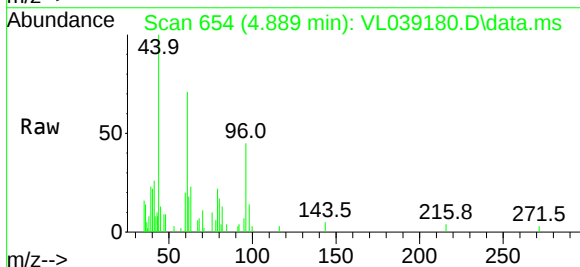
Manual Integrations
APPROVED

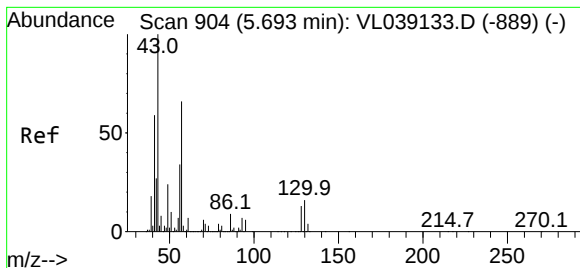
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#22
trans-1,2-Dichloroethene
Concen: 0.066 ppbv
RT: 4.889 min Scan# 654
Delta R.T. -0.003 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

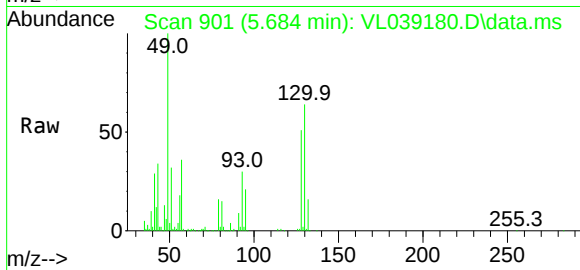
Tgt Ion: 96 Resp: 3599
Ion Ratio Lower Upper
96 100
61 150.9 126.6 190.0
98 33.2 52.5 78.7#





#26
Hexane
Concen: 1.534 ppbv
RT: 5.684 min Scan# 904
Delta R.T. -0.010 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

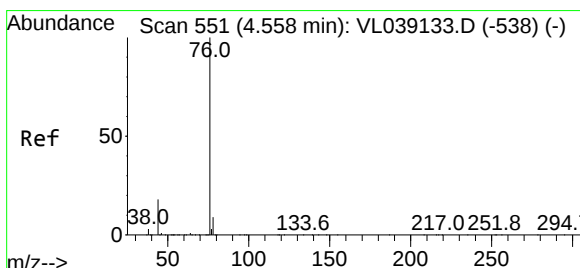
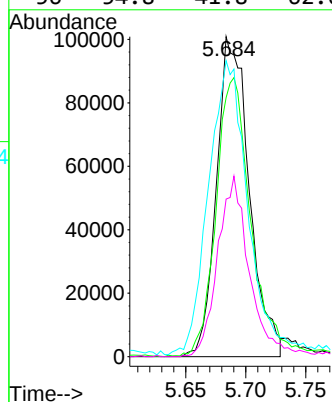
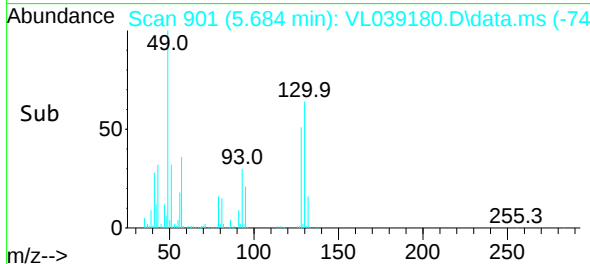
Instrument :
MSVOA_L
ClientSampleId :
SG-7



Tgt Ion: 57 Resp: 191068
Ion Ratio Lower Upper
57 100
41 95.6 72.4 108.6
43 114.1 187.0 280.6
56 54.8 41.8 62.6

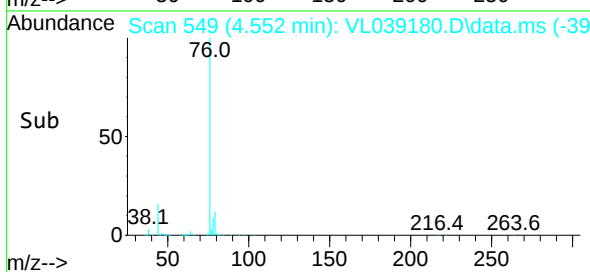
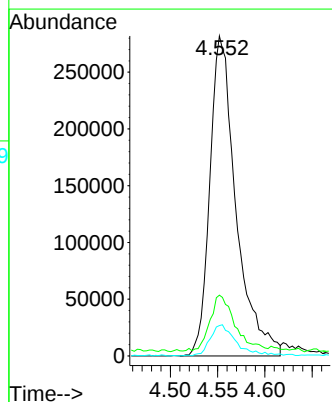
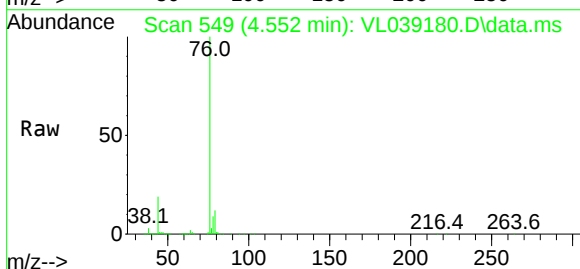
Manual Integrations
APPROVED

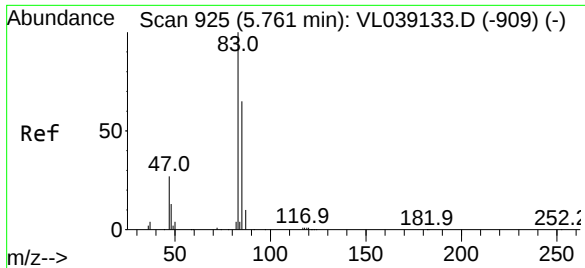
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#27
Carbon Disulfide
Concen: 4.211 ppbv
RT: 4.552 min Scan# 549
Delta R.T. -0.007 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

Tgt Ion: 76 Resp: 543657
Ion Ratio Lower Upper
76 100
44 18.7 14.4 21.6
78 10.5 7.7 11.5





#29

Chloroform

Concen: 0.239 ppbv m

RT: 5.751 min Scan# 91

Delta R.T. -0.010 min

Lab File: VL039180.D

Acq: 6 Jun 2022 10:47

Instrument :

MSVOA_L

ClientSampleId :

SG-7

Tgt Ion: 83 Resp: 50098

Ion Ratio Lower Upper

83 100

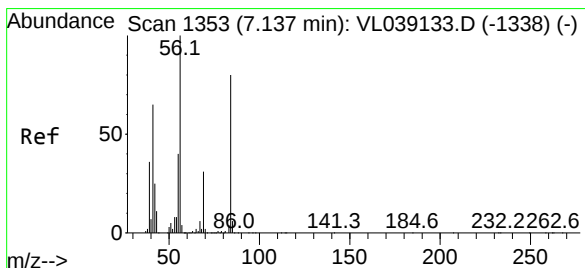
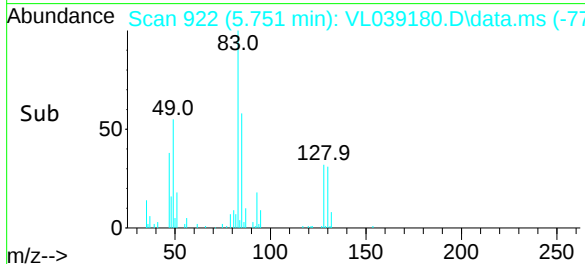
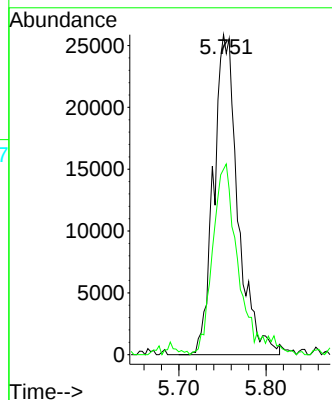
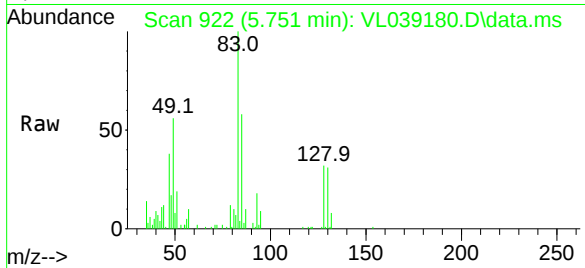
85 58.0 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#30

Cyclohexane

Concen: 0.241 ppbv m

RT: 7.127 min Scan# 1350

Delta R.T. -0.010 min

Lab File: VL039180.D

Acq: 6 Jun 2022 10:47

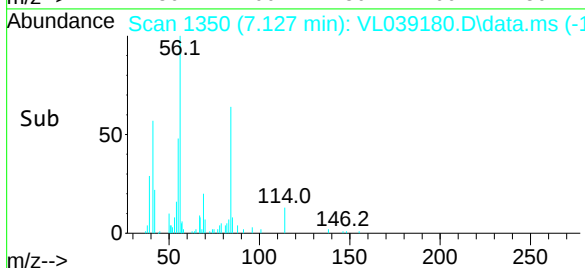
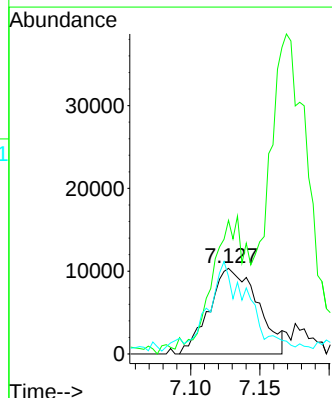
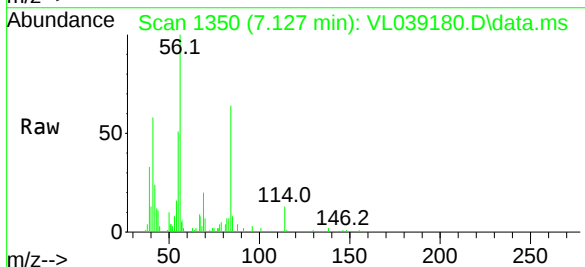
Tgt Ion: 84 Resp: 25205

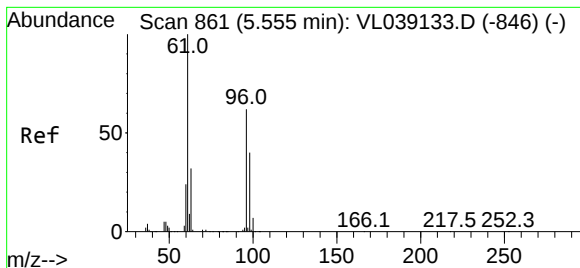
Ion Ratio Lower Upper

84 100

56 0.0 110.6 165.8#

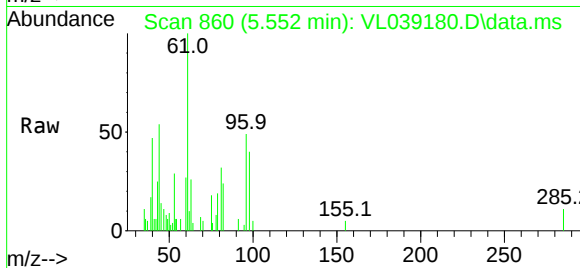
41 95.1 68.9 103.3





#31
 cis-1,2-Dichloroethene
 Concen: 0.076 ppbv m
 RT: 5.552 min Scan# 861
 Delta R.T. -0.003 min
 Lab File: VL039180.D
 Acq: 6 Jun 2022 10:47

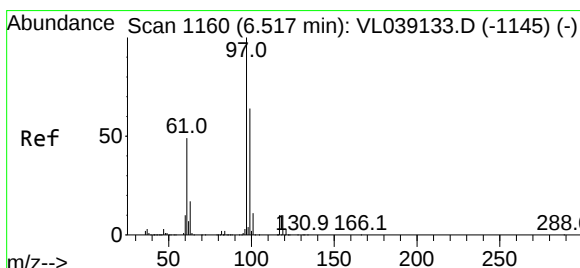
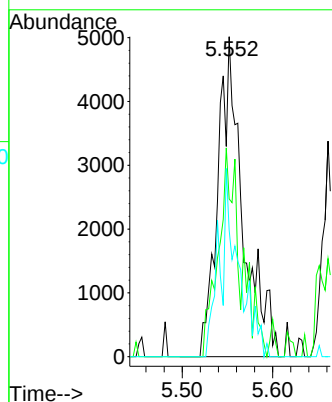
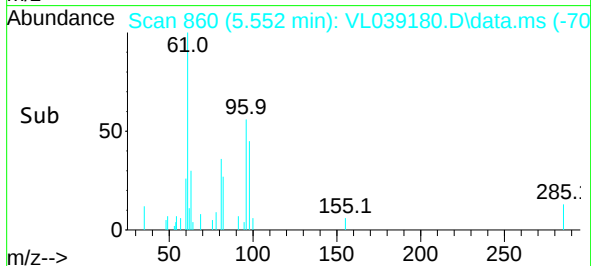
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7



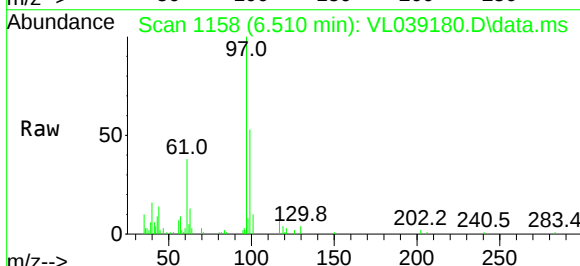
Tgt Ion: 61 Resp: 965
 Ion Ratio Lower Upper
 61 100
 96 49.3 49.9 74.9
 98 39.6 32.0 48.0

Manual Integrations
 APPROVED

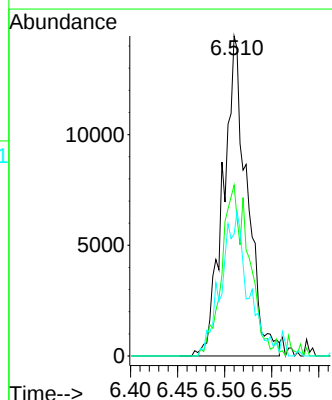
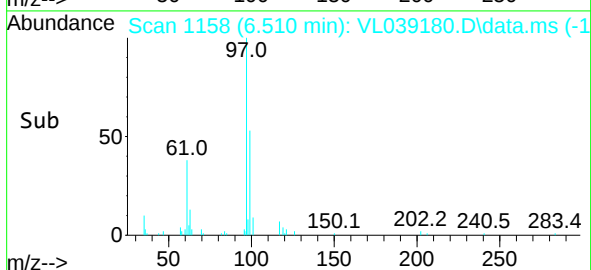
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

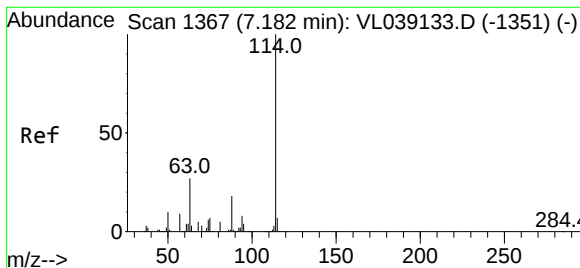


#32
 1,1,1-Trichloroethane
 Concen: 0.125 ppbv m
 RT: 6.510 min Scan# 1158
 Delta R.T. -0.007 min
 Lab File: VL039180.D
 Acq: 6 Jun 2022 10:47



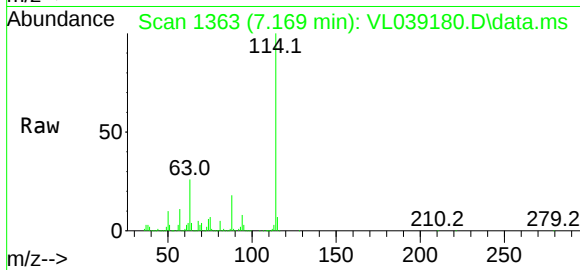
Tgt Ion: 97 Resp: 25625
 Ion Ratio Lower Upper
 97 100
 99 60.8 52.1 78.1
 61 51.7 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

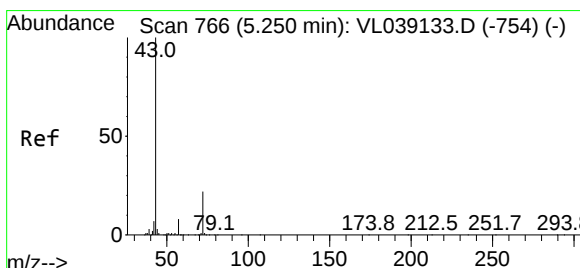
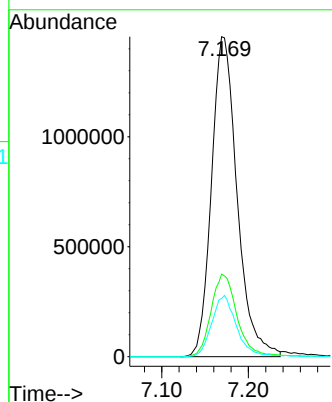
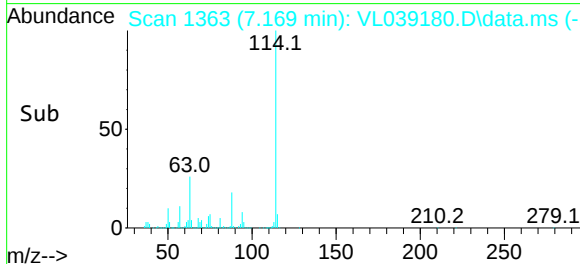
Instrument : MSVOA_L
ClientSampleId : SG-7



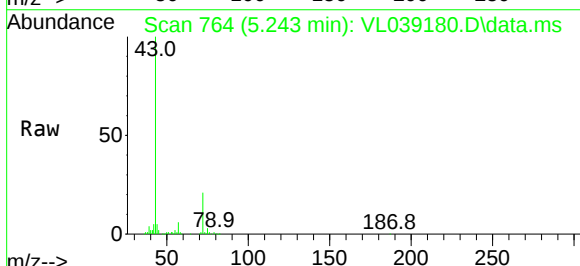
Tgt Ion:114 Resp: 2989958
Ion Ratio Lower Upper
114 100
63 26.5 21.7 32.5
88 18.7 14.8 22.2

Manual Integrations
APPROVED

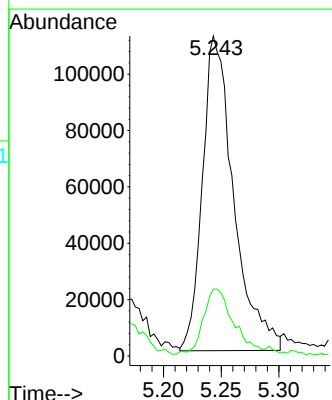
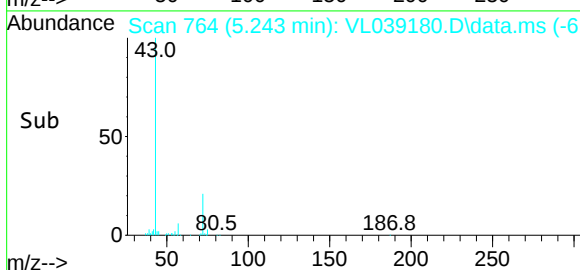
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

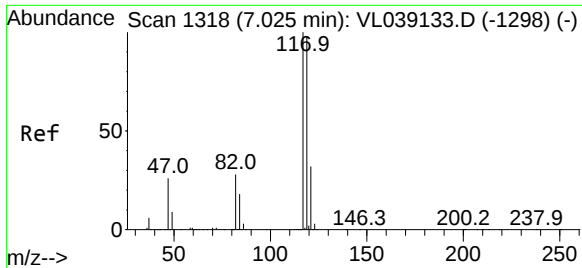


#34
2-Butanone
Concen: 1.297 ppbv
RT: 5.243 min Scan# 764
Delta R.T. -0.007 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



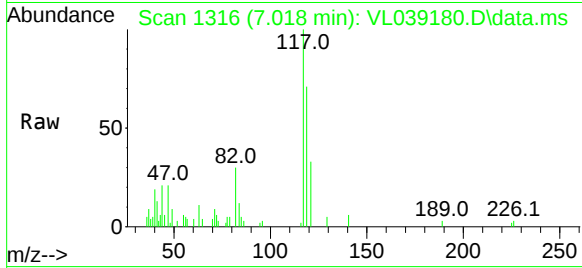
Tgt Ion: 43 Resp: 210700
Ion Ratio Lower Upper
43 100
72 23.2 18.2 27.2





#35
Carbon Tetrachloride
Concen: 0.077 ppbv m
RT: 7.018 min Scan# 117
Delta R.T. -0.007 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

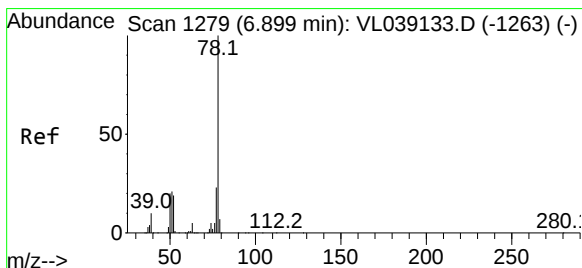
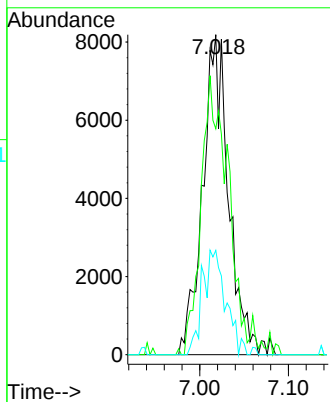
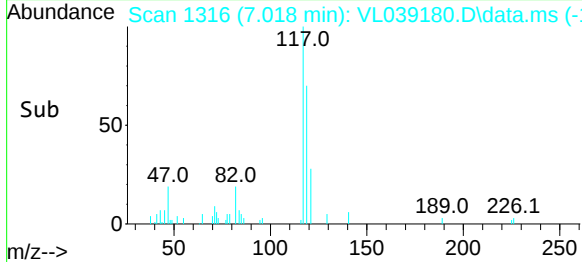
Instrument :
MSVOA_L
ClientSampleId :
SG-7



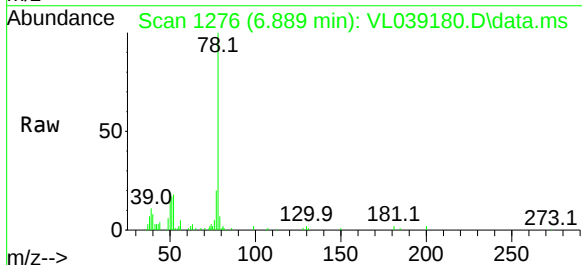
Tgt Ion: 117 Resp: 16748
Ion Ratio Lower Upper
117 100
119 70.6 78.6 118.0
121 32.6 25.4 38.0

Manual Integrations
APPROVED

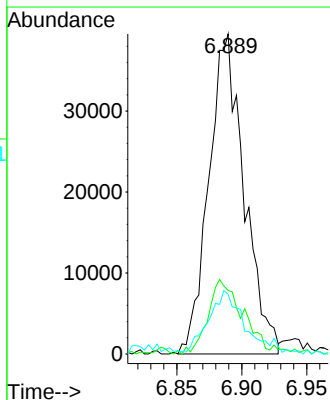
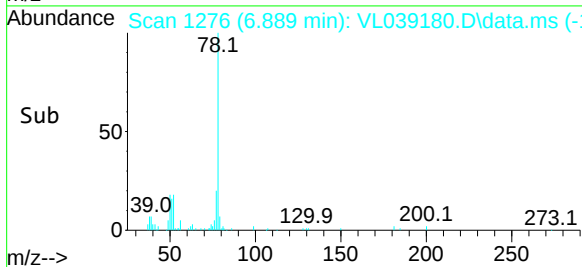
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

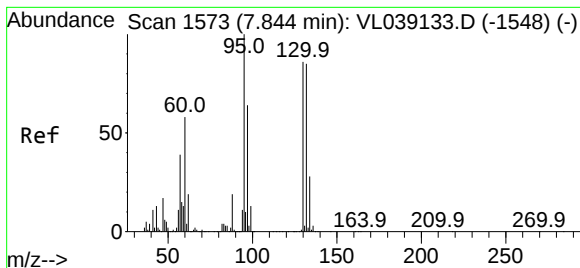


#36
Benzene
Concen: 0.307 ppbv
RT: 6.889 min Scan# 1276
Delta R.T. -0.010 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



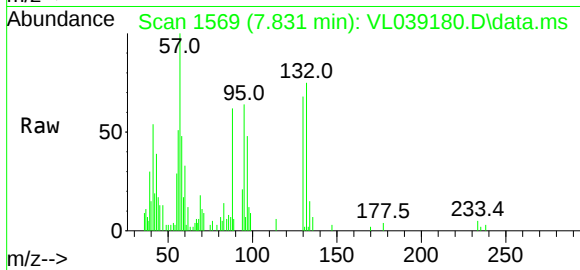
Tgt Ion: 78 Resp: 74593
Ion Ratio Lower Upper
78 100
77 18.8 18.6 27.8
50 17.7 15.8 23.8





#38
Trichloroethene
Concen: 0.087 ppbv m
RT: 7.831 min Scan# 1569
Delta R.T. -0.013 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

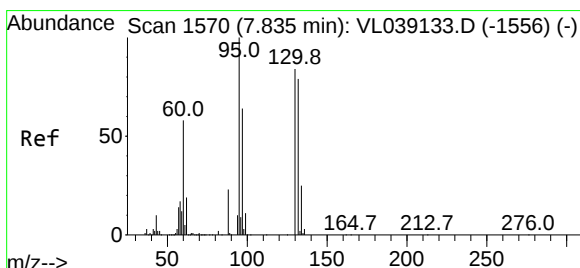
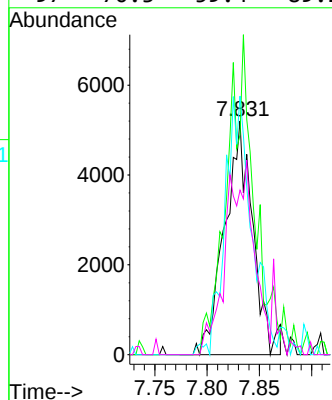
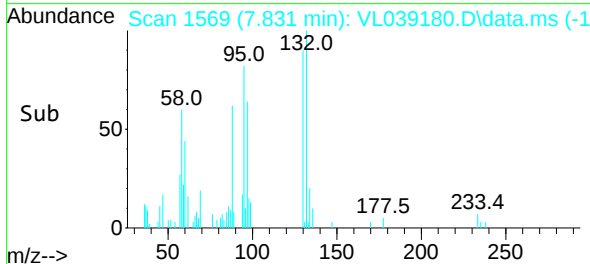
Instrument :
MSVOA_L
ClientSampleId :
SG-7



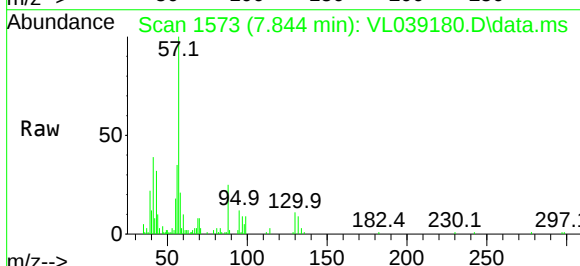
Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	93.3	139.9
132	110.6	79.0	118.4
97	70.3	59.4	89.2

Manual Integrations
APPROVED

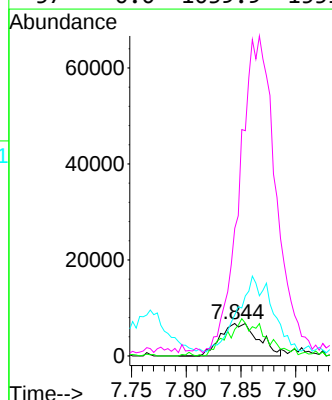
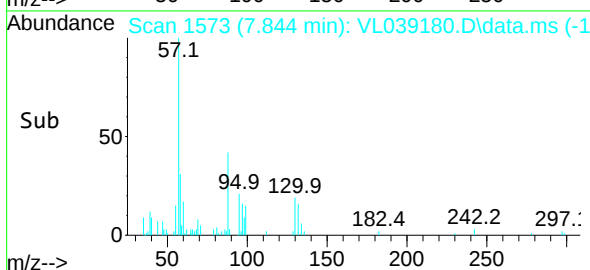
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

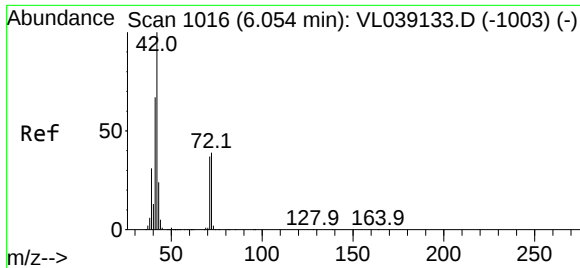


#40
1,4-Dioxane
Concen: 0.513 ppbv m
RT: 7.844 min Scan# 1573
Delta R.T. 0.010 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



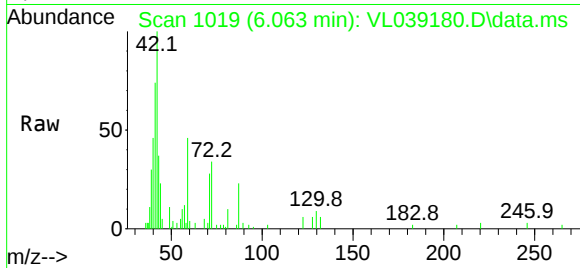
Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	111.2	166.8#
43	0.0	234.2	351.4#
57	0.0	1039.9	1559.9#





#41
Tetrahydrofuran
Concen: 0.301 ppbv m
RT: 6.063 min Scan# 1016
Delta R.T. 0.010 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

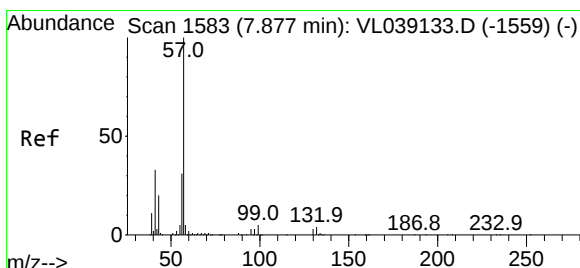
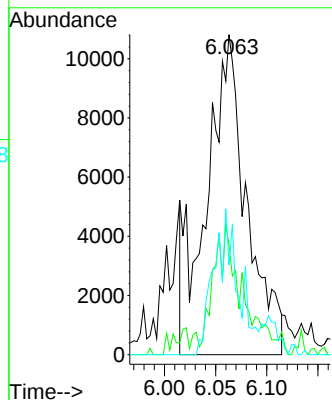
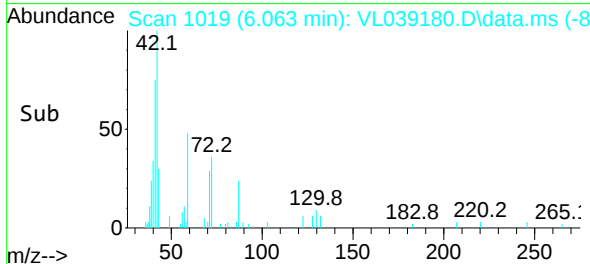
Instrument :
MSVOA_L
ClientSampleId :
SG-7



Tgt Ion: 42 Resp: 29375
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0
71 0.0 31.1 46.7

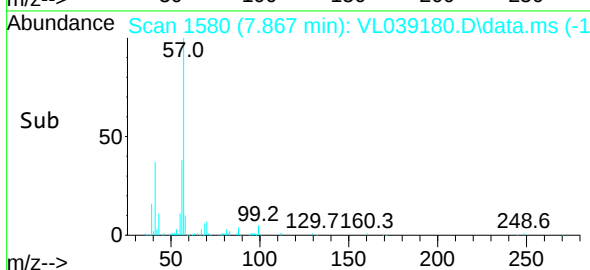
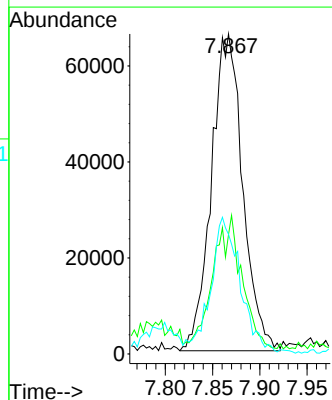
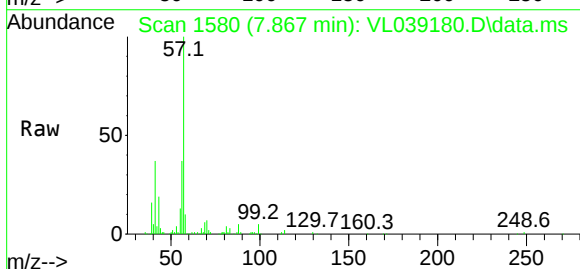
Manual Integrations
APPROVED

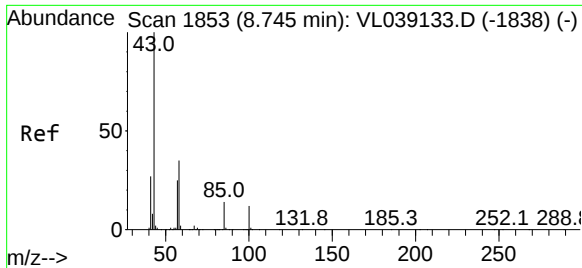
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#44
2,2,4-Trimethylpentane
Concen: 0.358 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. -0.010 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

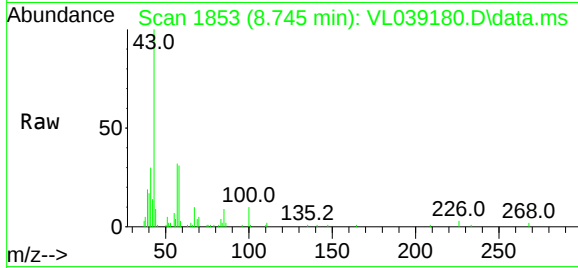
Tgt Ion: 57 Resp: 152175
Ion Ratio Lower Upper
57 100
41 39.0 26.2 39.4
56 40.8 24.7 37.1





#50
4-Methyl-2-Pentanone
Concen: 0.194 ppbv m
RT: 8.745 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

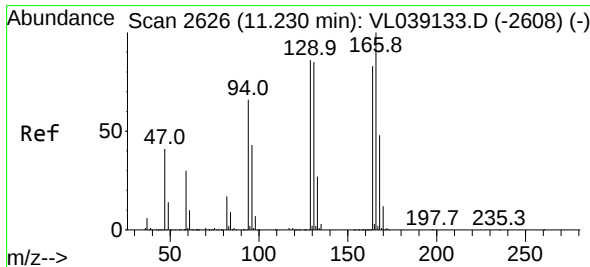
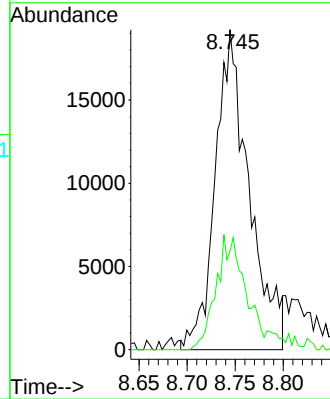
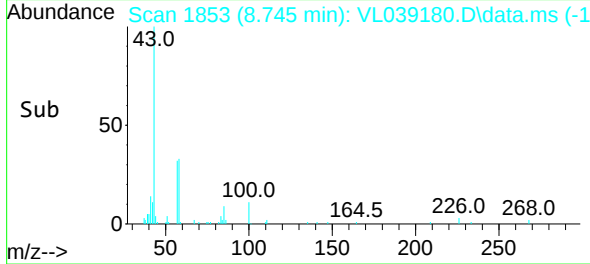
Instrument :
MSVOA_L
ClientSampleId :
SG-7



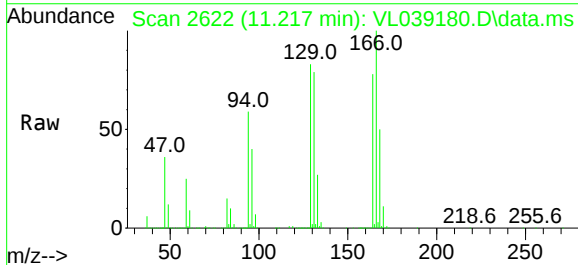
Tgt Ion: 43 Resp: 4715
Ion Ratio Lower Upper
43 100
58 34.8 28.7 43.1

Manual Integrations
APPROVED

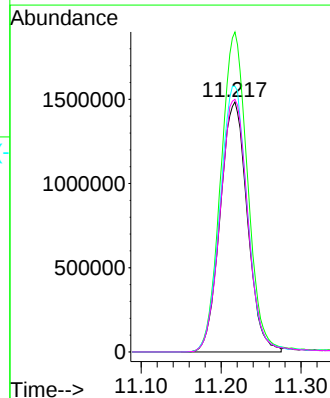
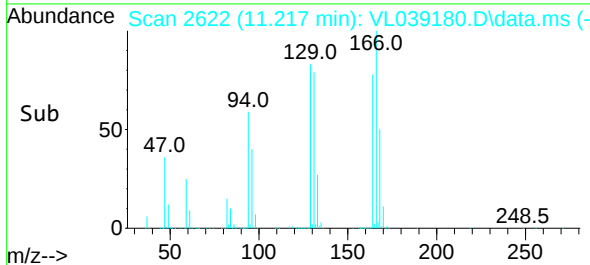
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

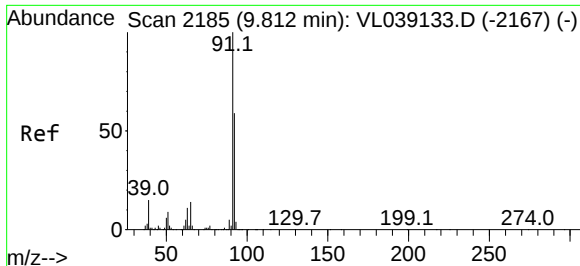


#52
Tetrachloroethene
Concen: 36.806 ppbv
RT: 11.217 min Scan# 2622
Delta R.T. -0.013 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



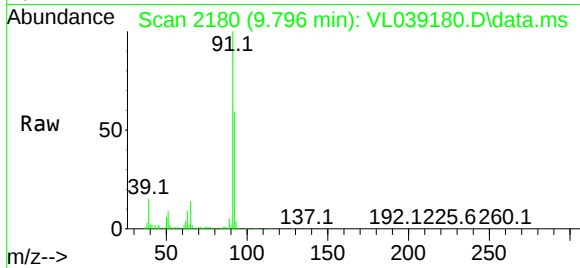
Tgt Ion:164 Resp: 3488302
Ion Ratio Lower Upper
164 100
166 127.9 96.3 144.5
129 106.2 82.5 123.7
131 100.9 82.1 123.1





#53
Toluene
Concen: 9.758 ppbv
RT: 9.796 min Scan# 2185
Delta R.T. -0.016 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

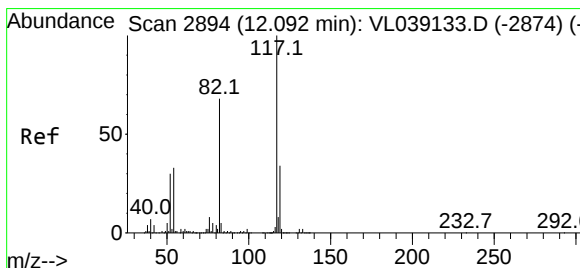
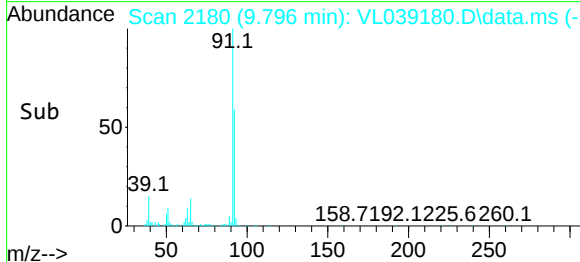
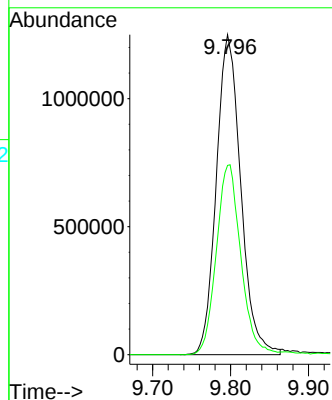
Instrument :
MSVOA_L
ClientSampleId :
SG-7



Tgt Ion: 91 Resp: 2727560
Ion Ratio Lower Upper
91 100
92 60.1 48.1 72.1

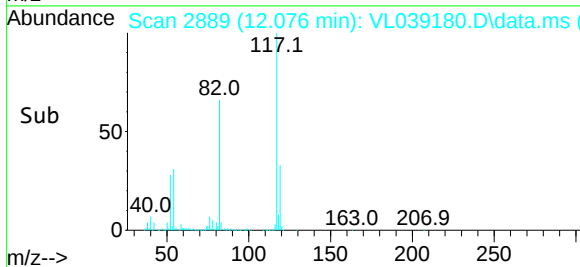
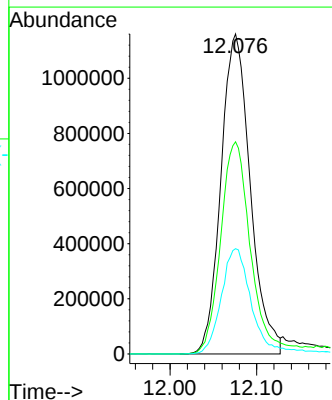
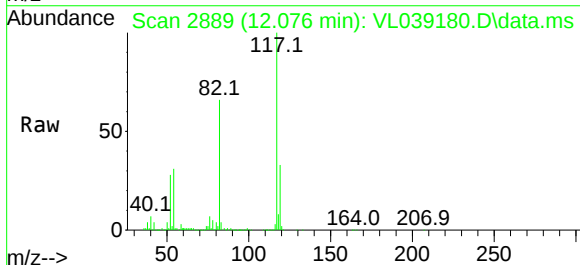
Manual Integrations
APPROVED

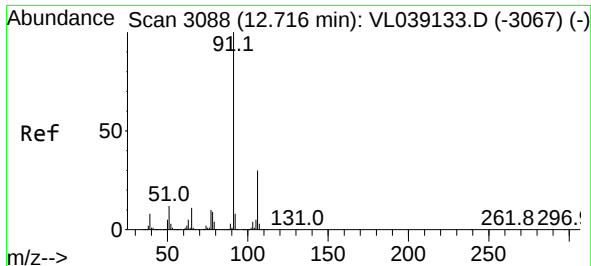
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. -0.016 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

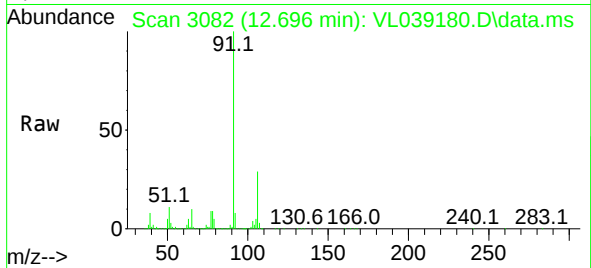
Tgt Ion:117 Resp: 2734914
Ion Ratio Lower Upper
117 100
82 67.7 55.1 82.7
119 34.8 24.7 37.1





#58
Ethyl Benzene
Concen: 2.697 ppbv
RT: 12.696 min Scan# 3088
Delta R.T. -0.019 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

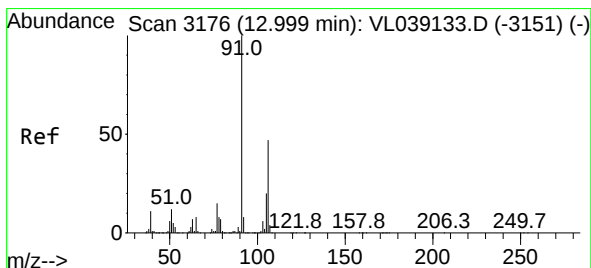
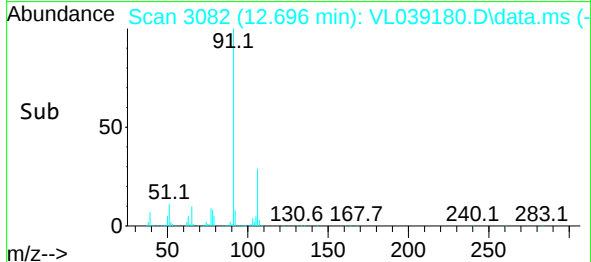
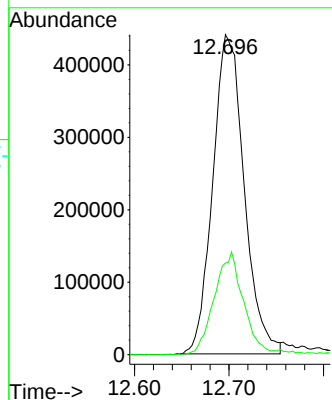
Instrument :
MSVOA_L
ClientSampleId :
SG-7



Tgt Ion: 91 Resp: 1016020
Ion Ratio Lower Upper
91 100
106 28.5 24.2 36.4

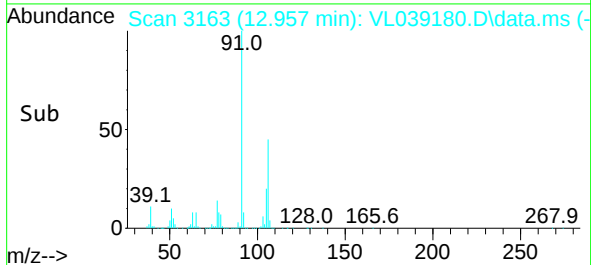
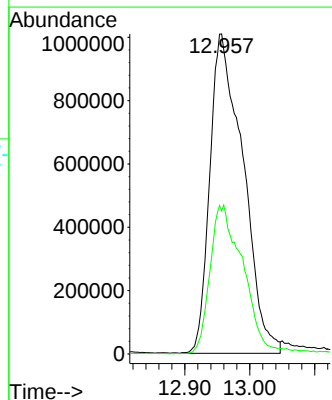
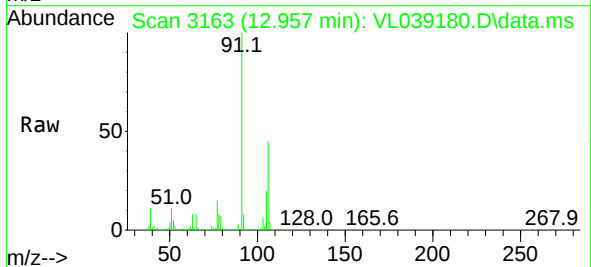
Manual Integrations
APPROVED

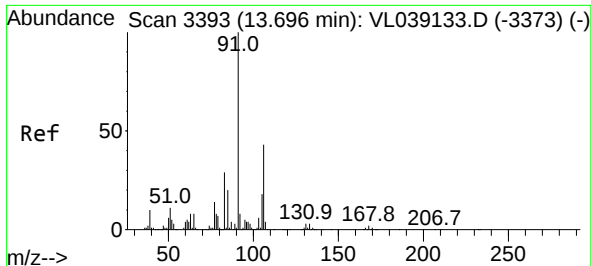
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#59
m/p-Xylene
Concen: 10.742 ppbv
RT: 12.957 min Scan# 3163
Delta R.T. -0.042 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

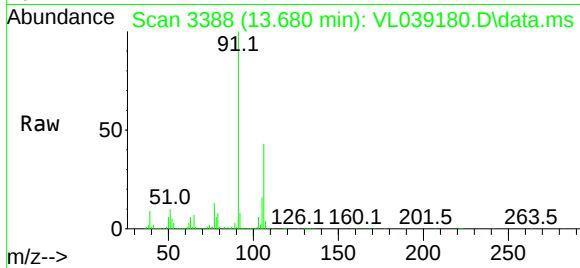
Tgt Ion: 91 Resp: 3563595
Ion Ratio Lower Upper
91 100
106 47.6 34.3 51.5





#60
o-Xylene
Concen: 4.537 ppbv
RT: 13.680 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

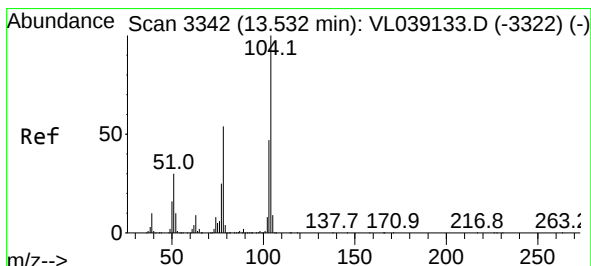
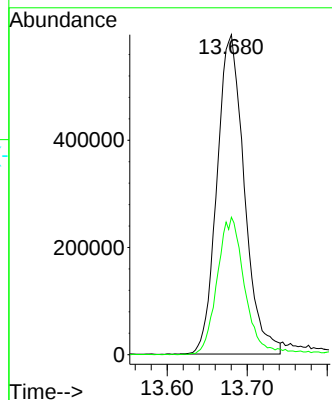
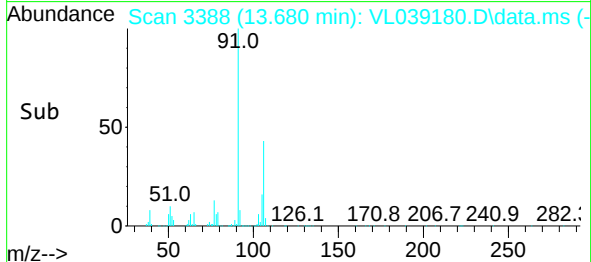
Instrument :
MSVOA_L
ClientSampleId :
SG-7



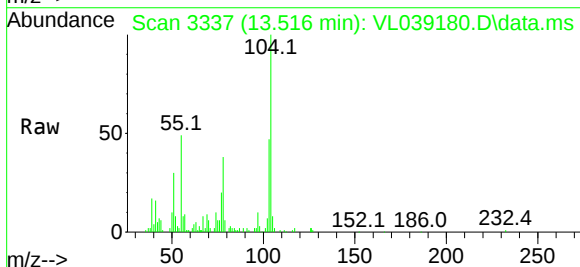
Tgt Ion: 91 Resp: 141433
Ion Ratio Lower Upper
91 100
106 44.5 22.3 66.9

Manual Integrations
APPROVED

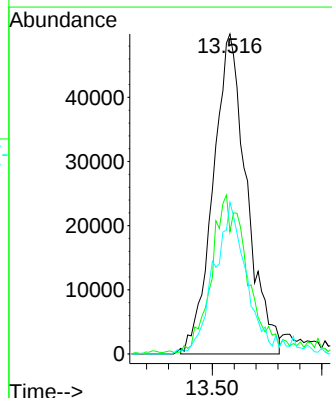
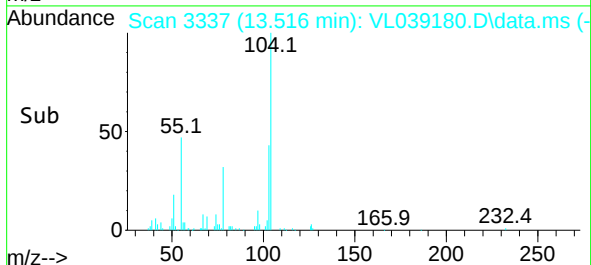
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

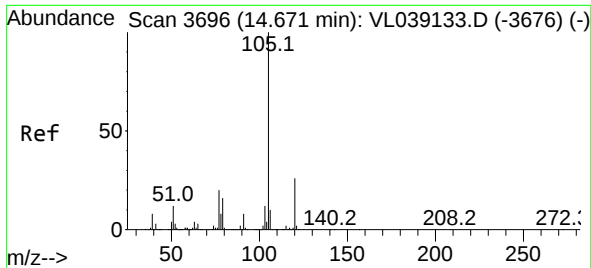


#61
Styrene
Concen: 0.637 ppbv m
RT: 13.516 min Scan# 3337
Delta R.T. -0.016 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



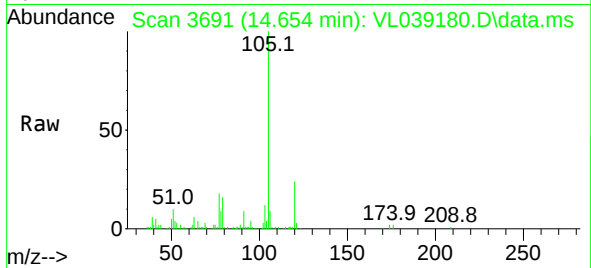
Tgt Ion:104 Resp: 106269
Ion Ratio Lower Upper
104 100
78 57.0 45.7 68.5
103 47.8 39.6 59.4





#62
Isopropylbenzene
Concen: 0.348 ppbv
RT: 14.654 min Scan# 3691
Delta R.T. -0.016 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

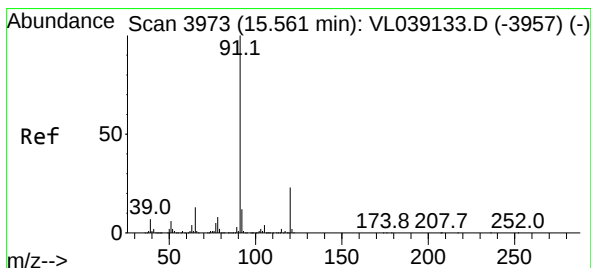
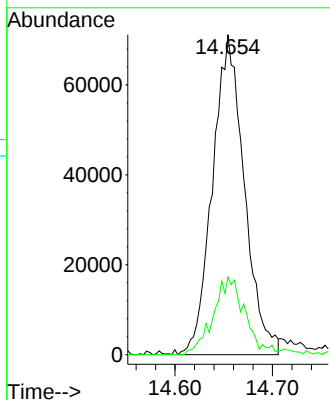
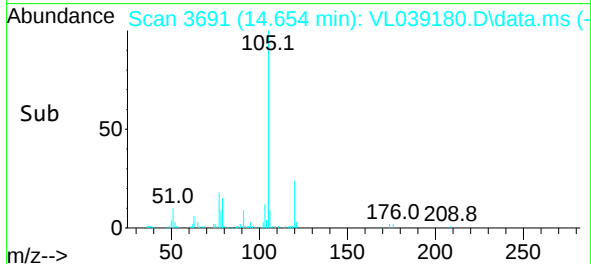
Instrument :
MSVOA_L
ClientSampleId :
SG-7



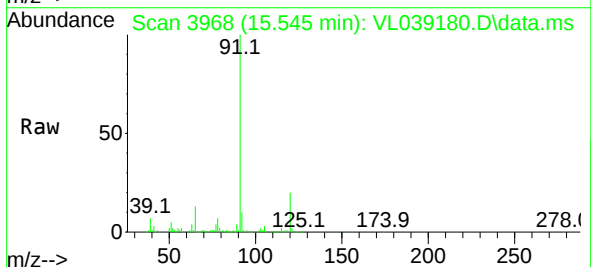
Tgt Ion:105 Resp: 161235
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5

Manual Integrations
APPROVED

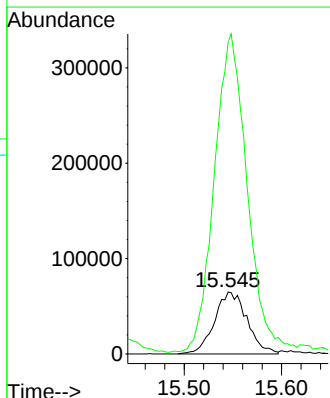
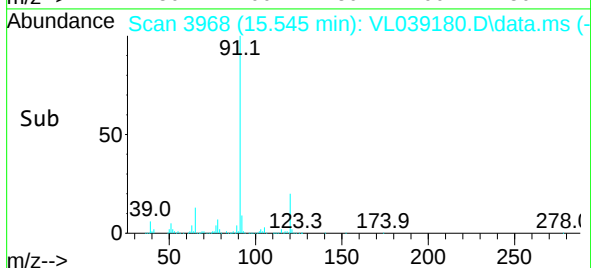
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

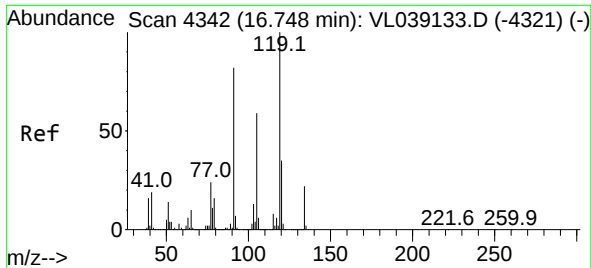


#64
n-propylbenzene
Concen: 1.324 ppbv
RT: 15.545 min Scan# 3968
Delta R.T. -0.016 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



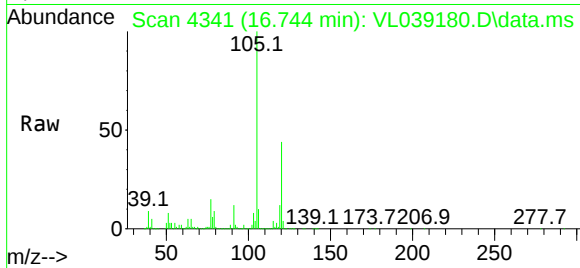
Tgt Ion:120 Resp: 150842
Ion Ratio Lower Upper
120 100
91 532.5 388.4 582.6





#65
tert-Butylbenzene
Concen: 0.991 ppbv
RT: 16.744 min Scan# 4181
Delta R.T. -0.003 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

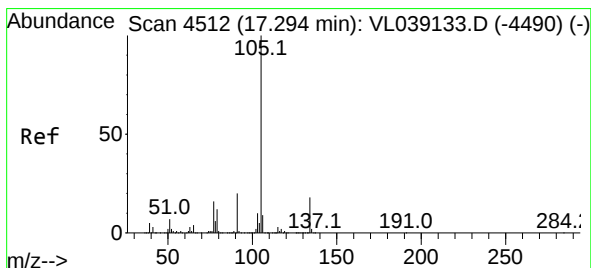
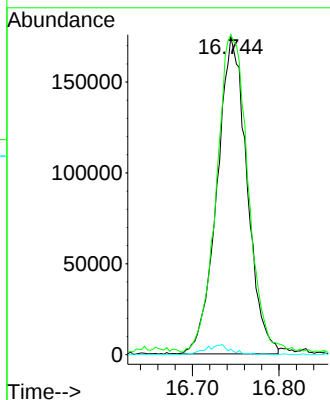
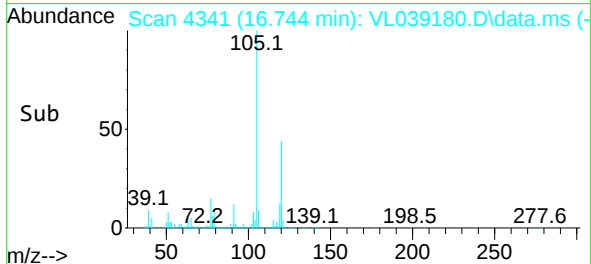
Instrument :
MSVOA_L
ClientSampleId :
SG-7



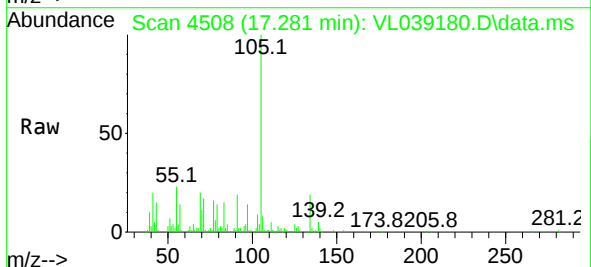
Tgt Ion:119 Resp: 41981
Ion Ratio Lower Upper
119 100
91 107.0 67.1 100.7
134 2.7 15.8 23.8

Manual Integrations
APPROVED

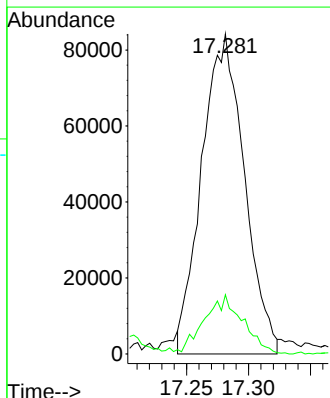
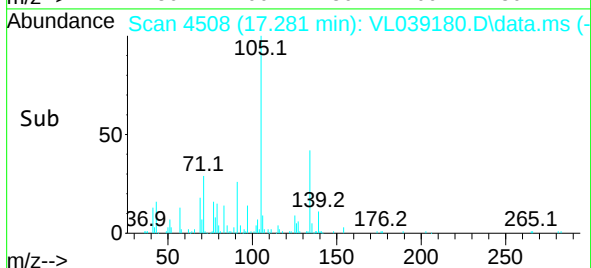
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

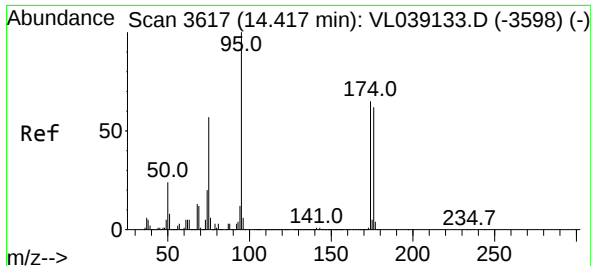


#67
sec-Butylbenzene
Concen: 0.348 ppbv m
RT: 17.281 min Scan# 4508
Delta R.T. -0.013 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



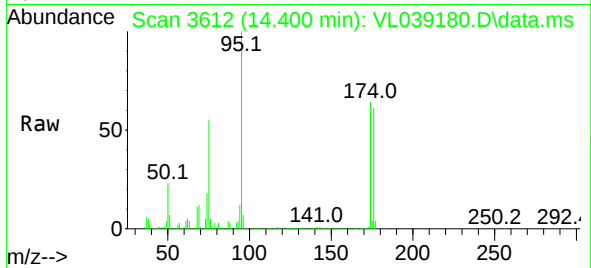
Tgt Ion:105 Resp: 201078
Ion Ratio Lower Upper
105 100
134 7.5 14.4 21.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.661 ppbv
RT: 14.400 min Scan# 30
Delta R.T. -0.016 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

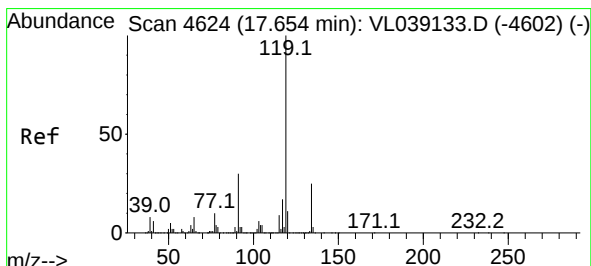
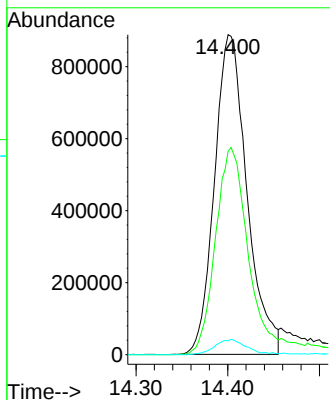
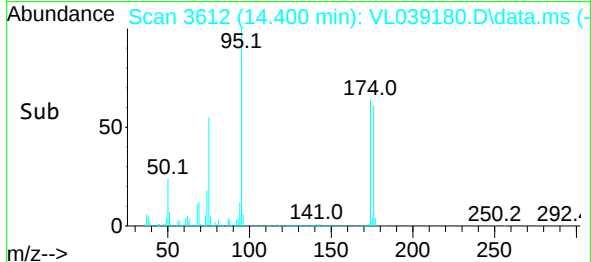
Instrument :
MSVOA_L
ClientSampleId :
SG-7



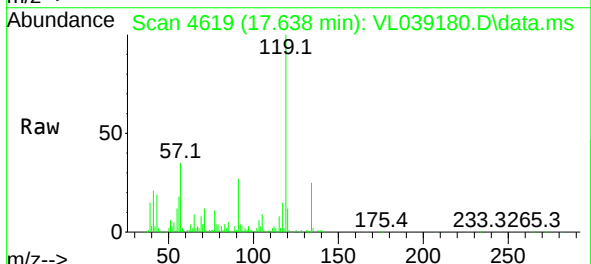
Tgt Ion: 95 Resp: 218450
Ion Ratio Lower Upper
95 100
174 71.4 53.8 80.8
175 4.9 4.1 6.1

Manual Integrations
APPROVED

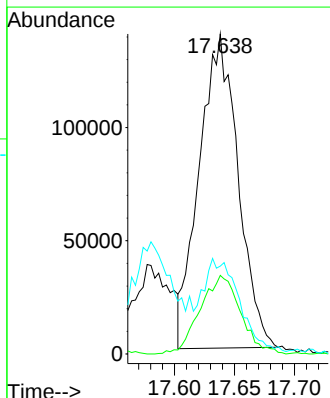
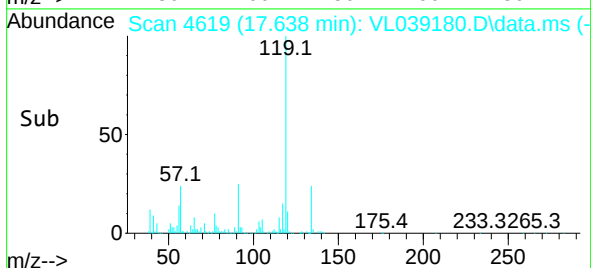
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

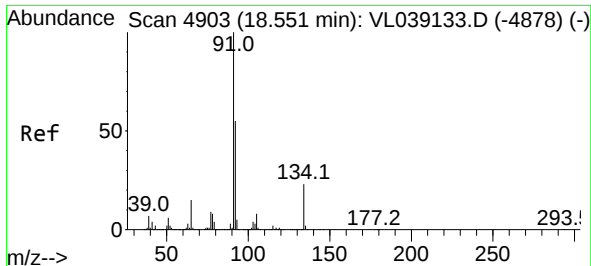


#69
p-Isopropyltoluene
Concen: 0.640 ppbv
RT: 17.638 min Scan# 4619
Delta R.T. -0.016 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



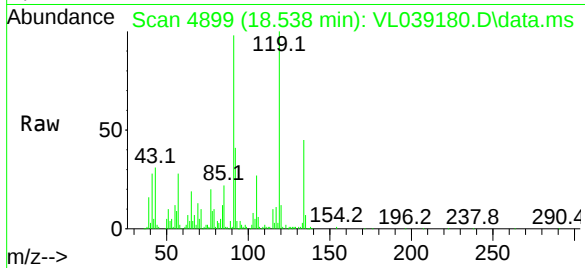
Tgt Ion:119 Resp: 312201
Ion Ratio Lower Upper
119 100
134 26.2 20.4 30.6
91 35.1 24.2 36.4





#70
n-Butylbenzene
Concen: 0.939 ppbv
RT: 18.538 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

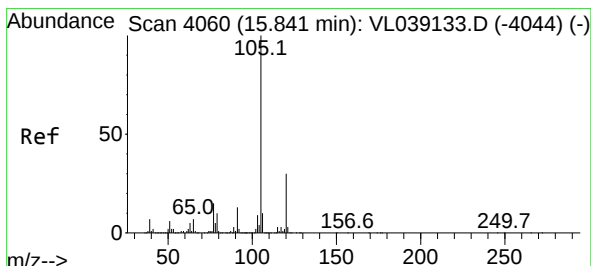
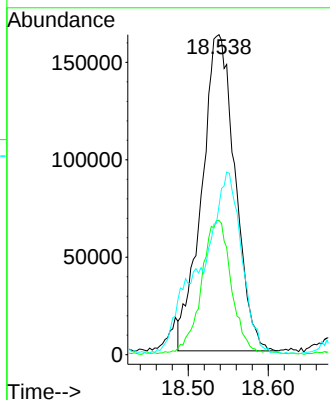
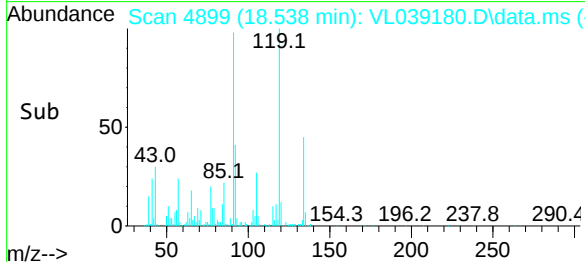
Instrument :
MSVOA_L
ClientSampleId :
SG-7



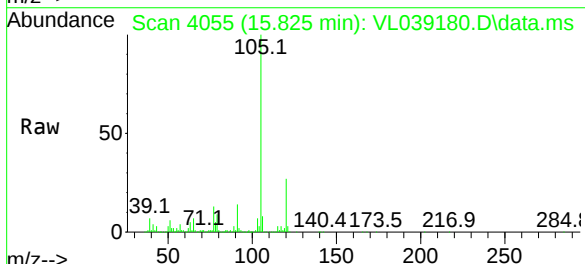
Tgt Ion: 91 Resp: 470054
Ion Ratio Lower Upper
91 100
92 39.2 43.6 65.4
134 71.4 17.7 26.5

Manual Integrations
APPROVED

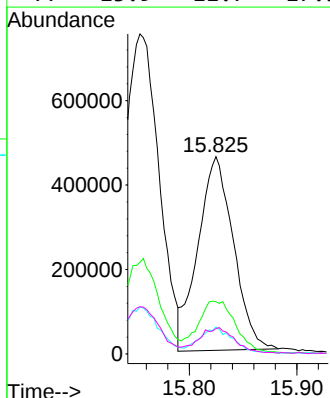
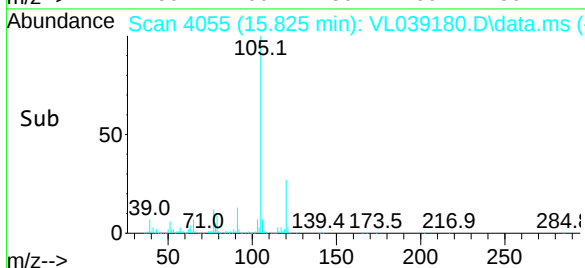
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

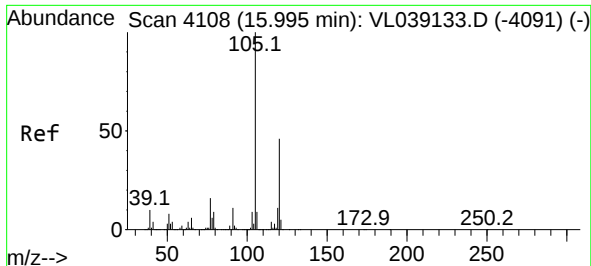


#72
4-Ethyltoluene
Concen: 2.880 ppbv
RT: 15.825 min Scan# 4055
Delta R.T. -0.016 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



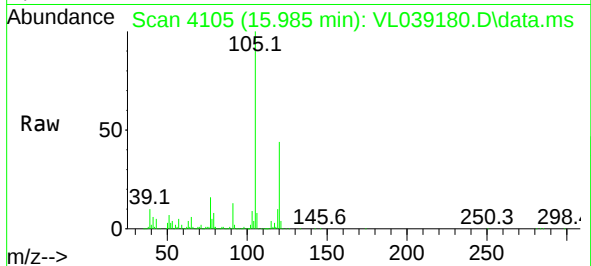
Tgt Ion:105 Resp: 1052192
Ion Ratio Lower Upper
105 100
120 30.0 23.9 35.9
91 13.4 10.6 16.0
77 13.9 11.7 17.5





#73
 1,3,5-Trimethylbenzene
 Concen: 2.698 ppbv
 RT: 15.985 min Scan# 4105
 Delta R.T. -0.010 min
 Lab File: VL039180.D
 Acq: 6 Jun 2022 10:47

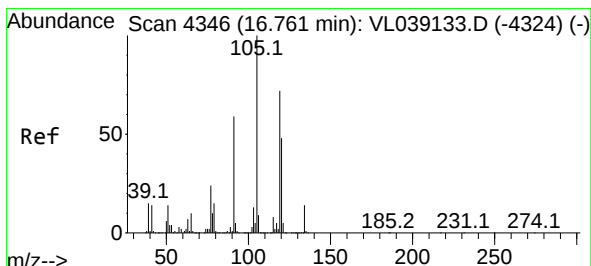
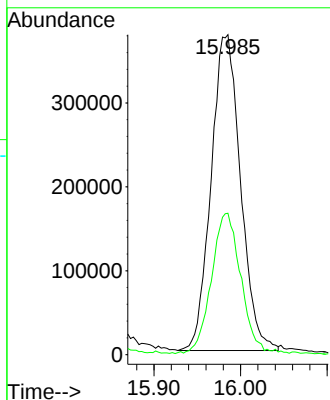
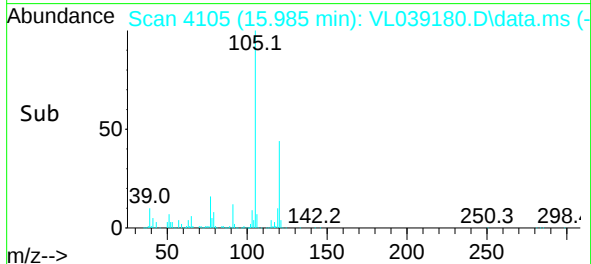
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7



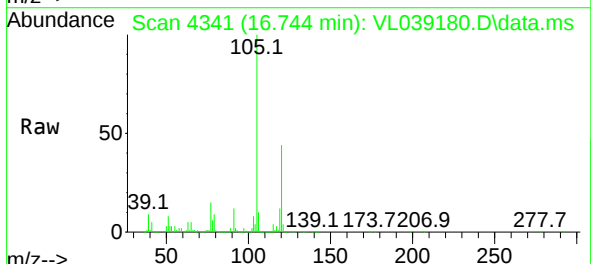
Tgt Ion:105 Resp: 888980
 Ion Ratio Lower Upper
 105 100
 120 44.1 36.7 55.1

Manual Integrations
 APPROVED

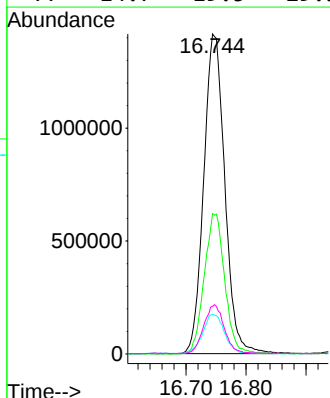
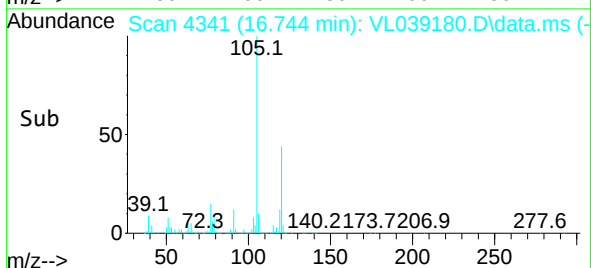
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

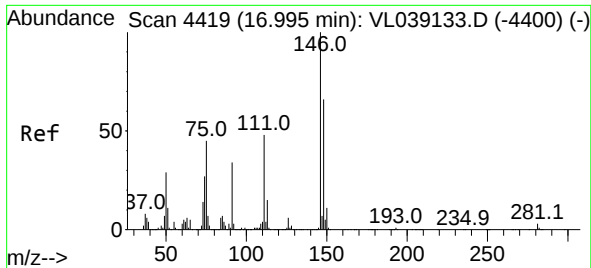


#74
 1,2,4-Trimethylbenzene
 Concen: 9.413 ppbv
 RT: 16.744 min Scan# 4341
 Delta R.T. -0.016 min
 Lab File: VL039180.D
 Acq: 6 Jun 2022 10:47



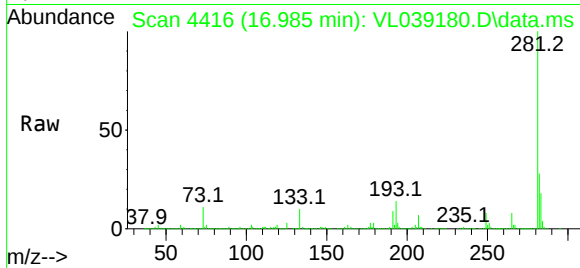
Tgt Ion:105 Resp: 3461618
 Ion Ratio Lower Upper
 105 100
 120 43.8 38.1 57.1
 91 12.3 47.4 71.0#
 77 14.7 19.5 29.3#





#75
1,3-Dichlorobenzene
Concen: 0.171 ppbv m
RT: 16.985 min Scan# 4416
Delta R.T. -0.010 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

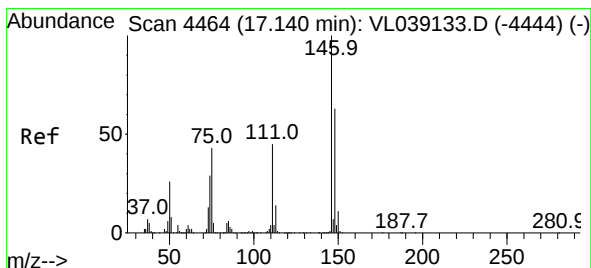
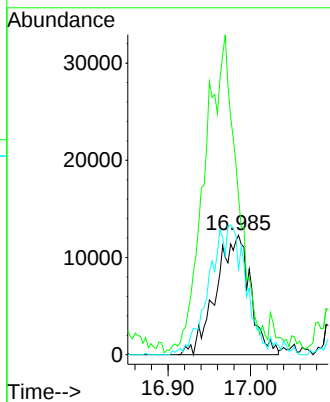
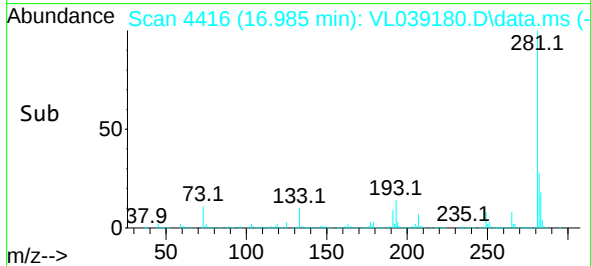
Instrument :
MSVOA_L
ClientSampleId :
SG-7



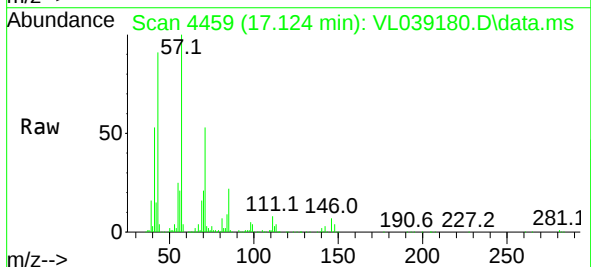
Tgt Ion:146 Resp: 3558
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.4
148 119.4 32.4 97.0

Manual Integrations
APPROVED

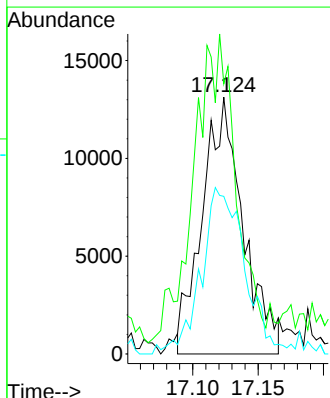
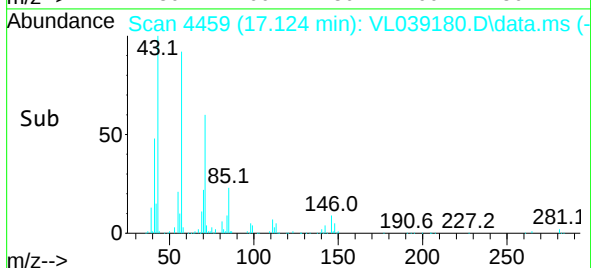
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

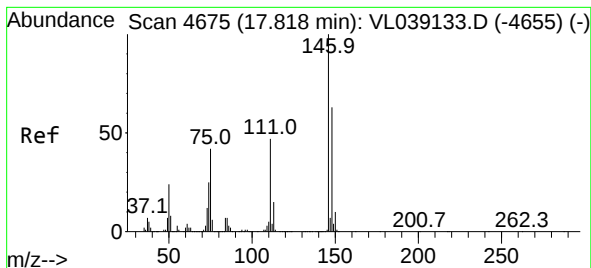


#76
1,4-Dichlorobenzene
Concen: 0.137 ppbv m
RT: 17.124 min Scan# 4459
Delta R.T. -0.016 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



Tgt Ion:146 Resp: 28489
Ion Ratio Lower Upper
146 100
111 0.0 23.6 71.0#
148 0.0 33.7 101.0#





#77

1,2-Dichlorobenzene

Concen: 0.139 ppbv m

RT: 17.799 min Scan# 4669

Delta R.T. -0.019 min

Lab File: VL039180.D

Acq: 6 Jun 2022 10:47

Instrument :

MSVOA_L

ClientSampleId :

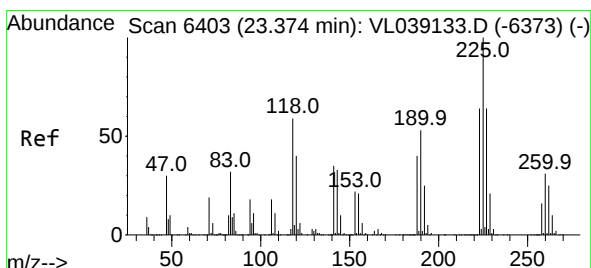
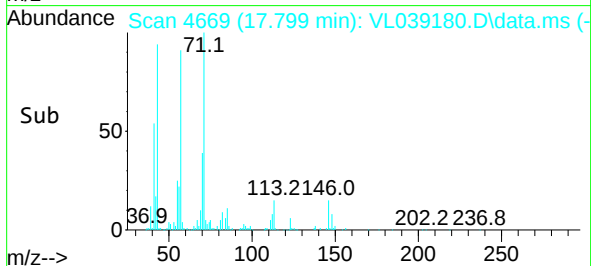
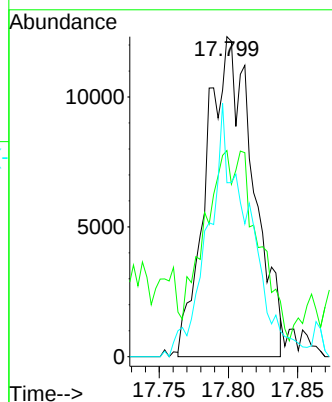
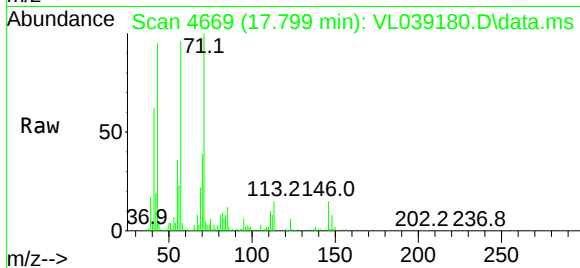
SG-7

Tgt Ion:	146	Resp:	2906
Ion Ratio	Lower	Upper	
146	100		
111	66.0	24.4	73.4
148	66.6	32.1	96.5

Manual Integrations

APPROVED

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



#78

Hexachloro-1,3-Butadiene

Concen: 0.179 ppbv m

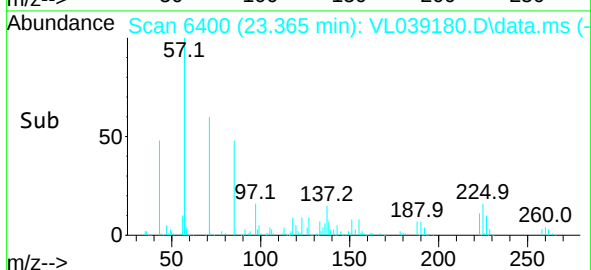
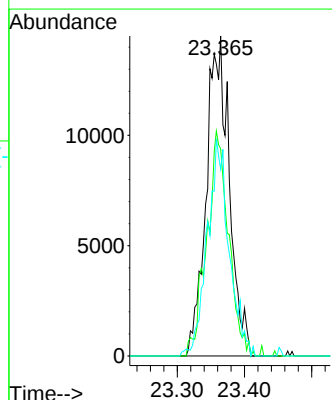
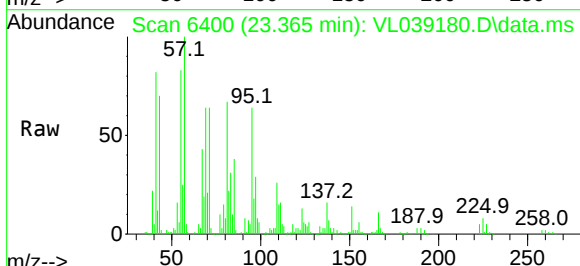
RT: 23.365 min Scan# 6400

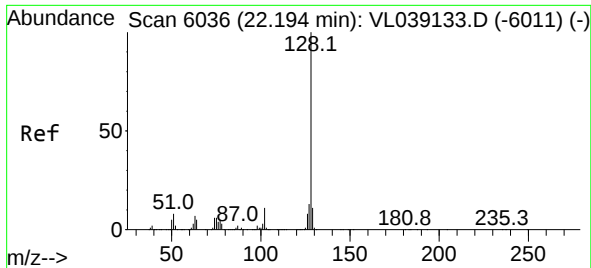
Delta R.T. -0.010 min

Lab File: VL039180.D

Acq: 6 Jun 2022 10:47

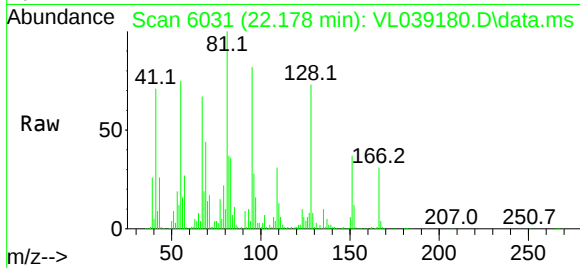
Tgt Ion:	225	Resp:	34384
Ion Ratio	Lower	Upper	
225	100		
223	0.0	51.4	77.0#
227	0.0	50.6	75.8#





#79
Naphthalene
Concen: 2.954 ppbv
RT: 22.178 min Scan# 6031
Delta R.T. -0.016 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47

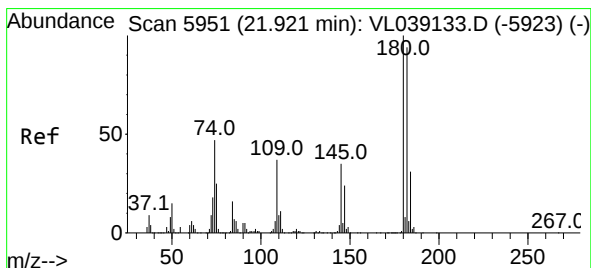
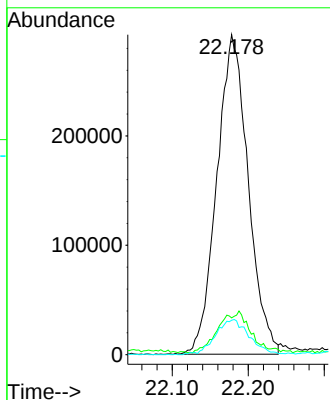
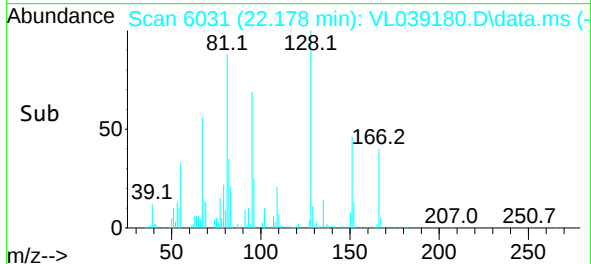
Instrument :
MSVOA_L
ClientSampleId :
SG-7



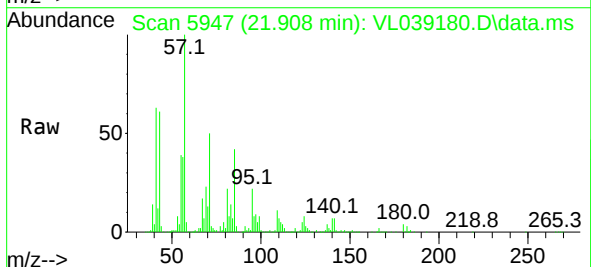
Tgt Ion:128 Resp: 836100
Ion Ratio Lower Upper
128 100
127 10.8 10.4 15.6
129 10.8 9.0 13.6

Manual Integrations
APPROVED

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



#81
1,2,4-Trichlorobenzene
Concen: 0.181 ppbv m
RT: 21.908 min Scan# 5947
Delta R.T. -0.013 min
Lab File: VL039180.D
Acq: 6 Jun 2022 10:47



Tgt Ion:180 Resp: 32447
Ion Ratio Lower Upper
180 100
182 0.0 0.0 0.0
184 0.0 0.0 0.0

