

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039747.D
 Acq On : 21 Oct 2022 16:01
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 21 16:44:35 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Oct 21 16:43:21 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	948787	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2880150	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2770791m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1925691 9.790 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	1162317	7.316	ppbv	97
3) Chlorodifluoromethane	2.687	51	1202128	9.944	ppbv	98
4) Chloromethane	2.829	50	728695	9.634	ppbv	93
5) Vinyl Chloride	2.935	62	633512	10.669	ppbv	99
6) Bromomethane	3.137	94	208490	9.481	ppbv	91
7) Chloroethane	3.211	64	226728	10.303	ppbv #	88
8) Dichlorotetrafluoroethane	2.874	85	1433043	9.722	ppbv	98
9) Propene	2.703	41	586838	10.632	ppbv	100
10) Heptane	7.578	43	1404393	10.964	ppbv	99
11) Trichlorofluoromethane	3.575	101	1454155	9.833	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.076	101	1157036	9.725	ppbv	98
13) Ethanol	3.260	45	37361m	9.934	ppbv	
14) Bromoethene	3.382	108	456123	10.065	ppbv	98
15) Acetone	3.481	43	1033298	9.020	ppbv	96
16) 1,3-Butadiene	2.999	39	618667	10.760	ppbv	96
17) tert-Butyl alcohol	3.886	59	1131158	11.622	ppbv	99
18) 1,1-Dichloroethene	3.893	96	514205	10.072	ppbv	95
19) Isopropyl Alcohol	3.591	45	604575	10.806	ppbv #	97
20) Methylene Chloride	3.944	84	433389	9.410	ppbv	96
21) Allyl Chloride	4.009	41	833736	10.544	ppbv	95
22) trans-1,2-Dichloroethene	4.452	96	539537	10.410	ppbv	96
23) Vinyl Acetate	4.636	43	499455	10.333	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1086951	9.863	ppbv	100
25) Ethyl Acetate	5.211	43	2199616	9.584	ppbv	99
26) Hexane	5.218	57	891748	9.540	ppbv	99
27) Carbon Disulfide	4.134	76	1298636	11.095	ppbv	98
28) Methyl tert-Butyl Ether	4.594	73	930838	10.501	ppbv	98
29) Chloroform	5.282	83	1224126	8.170	ppbv	97
30) Cyclohexane	6.600	84	859308	10.936	ppbv	98
31) cis-1,2-Dichloroethene	5.083	61	813737	9.708	ppbv	97
32) 1,1,1-Trichloroethane	6.005	97	1476292	11.359	ppbv	98
34) 2-Butanone	4.793	43	1305636	9.828	ppbv	99
35) Carbon Tetrachloride	6.497	117	1539340	10.313	ppbv	98
36) Benzene	6.372	78	2209690	10.166	ppbv	97
37) 1,2-Dichloroethane	5.809	62	1139559	9.732	ppbv	99
38) Trichloroethene	7.288	130	1200903	10.300	ppbv	96
39) 1,2-Dichloropropane	7.073	63	816914	9.797	ppbv	100
40) 1,4-Dioxane	7.292	88	300490m	9.408	ppbv	
41) Tetrahydrofuran	5.565	42	840881	9.872	ppbv	99
42) Bromodichloromethane	7.250	83	1662855	10.341	ppbv	99
43) Methyl Methacrylate	7.475	69	855571	10.942	ppbv	99
44) 2,2,4-Trimethylpentane	7.324	57	3657360	9.930	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	783946	12.112	ppbv	97

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Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

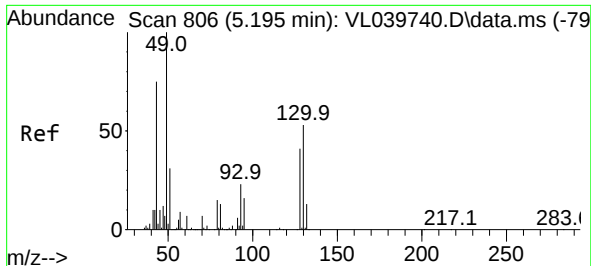
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Fri Oct 21 16:43:21 2022

Response via : Initial Calibration

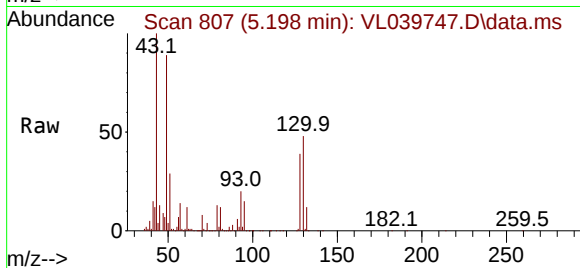
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1085917	11.844	ppbv	97
47) 1,1,2-Trichloroethane	8.896	97	852713	9.417	ppbv	98
48) Dibromochloromethane	9.706	129	1395647	10.216	ppbv	99
49) Bromoform	12.401	173	1121591	10.199	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2335769	10.783	ppbv	100
51) 2-Hexanone	9.549	43	1781443	11.474	ppbv #	98
52) Tetrachloroethene	10.610	164	794969	10.132	ppbv	99
53) Toluene	9.217	91	2517578	10.727	ppbv	99
54) 1,2-Dibromoethane	10.002	107	973455	10.690	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.500	131	1015931	9.034	ppbv	98
57) Chlorobenzene	11.520	112	1825783	8.981	ppbv	98
58) Ethyl Benzene	12.082	91	3193520	9.979	ppbv	98
59) m/p-Xylene	12.368	91	5365920m	18.971	ppbv	
60) o-Xylene	13.053	91	2552418	9.433	ppbv	100
61) Styrene	12.896	104	1531767	10.820	ppbv	99
62) Isopropylbenzene	14.024	105	3672627	9.113	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	872209	8.435	ppbv	99
64) n-propylbenzene	14.912	120	934226	9.227	ppbv	97
65) tert-Butylbenzene	16.082	119	3133830	8.876	ppbv	100
66) Benzyl Chloride	16.320	91	207466	8.410	ppbv	96
67) sec-Butylbenzene	16.629	105	4355589	8.917	ppbv	99
69) p-Isopropyltoluene	16.989	119	3574278	9.080	ppbv	100
70) n-Butylbenzene	17.883	91	3520258	9.292	ppbv	99
71) 2-Chlorotoluene	14.793	91	2626992	9.160	ppbv	100
72) 4-Ethyltoluene	15.188	105	2834369	9.386	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2532763	9.009	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	2731329	8.844	ppbv	95
75) 1,3-Dichlorobenzene	16.323	146	1559047	8.430	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1534820	8.495	ppbv	99
77) 1,2-Dichlorobenzene	17.134	146	1499242	8.341	ppbv	99
78) Hexachloro-1,3-Butadiene	22.628	225	1091836	8.406	ppbv	98
79) Naphthalene	21.375	128	2242032	12.401	ppbv	97
80) Naphthalene,2-methyl-	24.368	142	734993	13.613	ppbv	98
81) 1,2,4-Trichlorobenzene	21.133	180	1246803	10.293	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

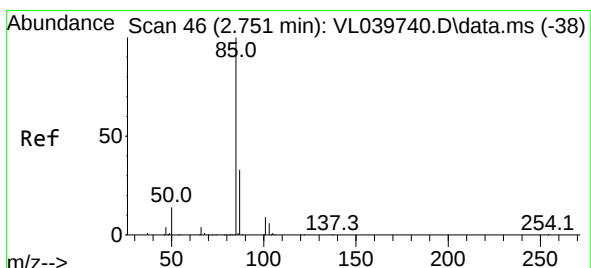
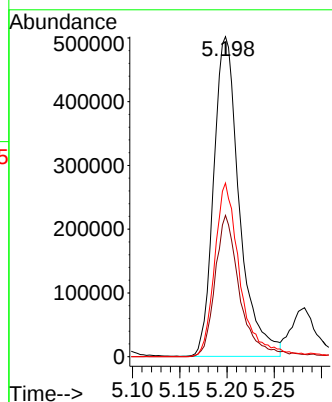
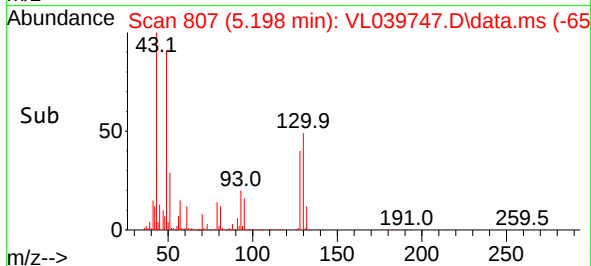
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



Tgt Ion: 49 Resp: 94878
Ion Ratio Lower Upper
49 100
128 43.4 22.6 67.8
130 55.0 29.0 87.0

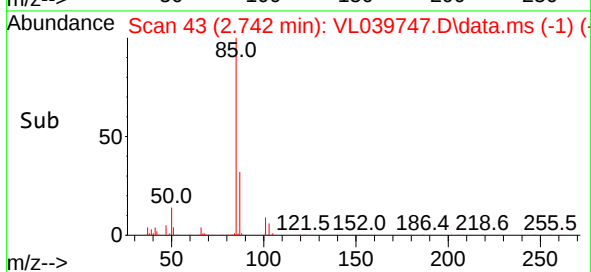
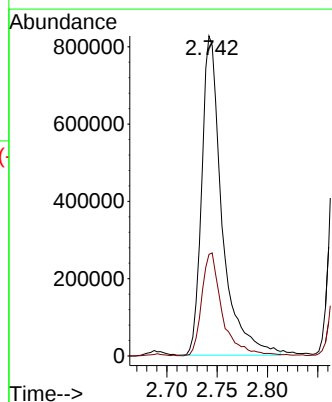
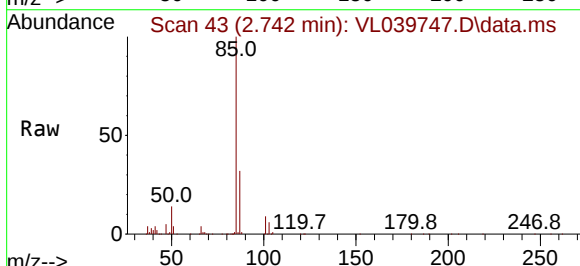
Manual Integrations
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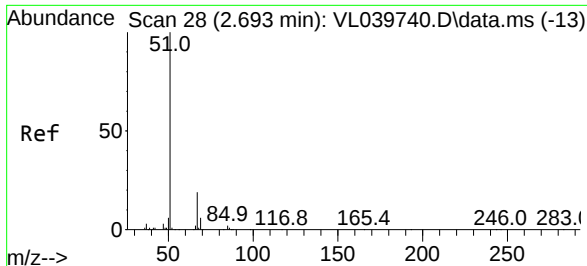
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#2
Dichlorodifluoromethane
Concen: 7.316 ppbv
RT: 2.742 min Scan# 43
Delta R.T. -0.009 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 85 Resp: 1162317
Ion Ratio Lower Upper
85 100
87 31.7 26.6 40.0





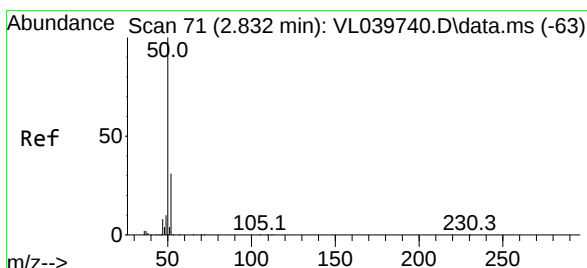
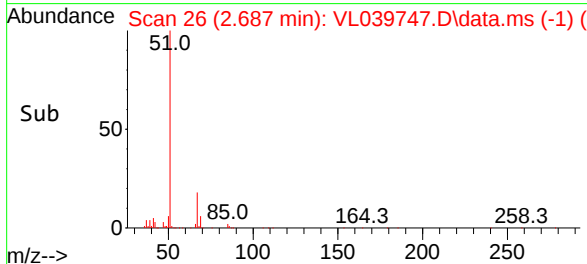
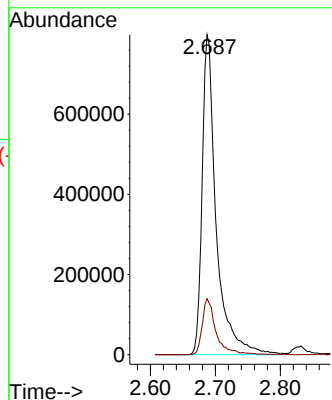
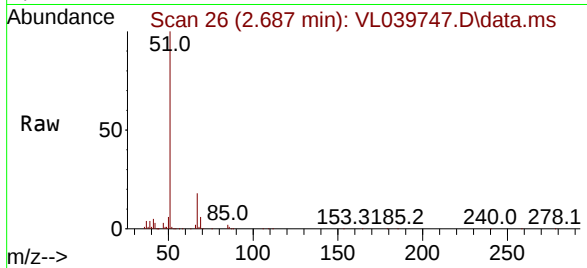
#3
Chlorodifluoromethane
Concen: 9.944 ppbv
RT: 2.687 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 51 Resp: 1202128
Ion Ratio Lower Upper
51 100
67 17.4 14.6 21.8

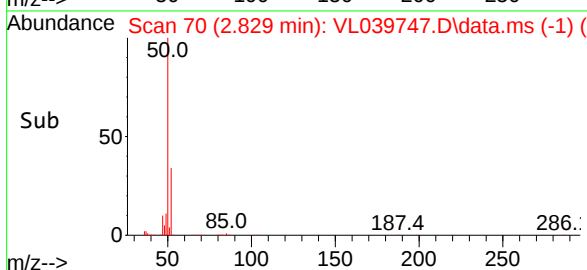
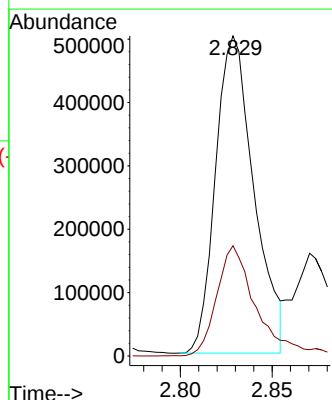
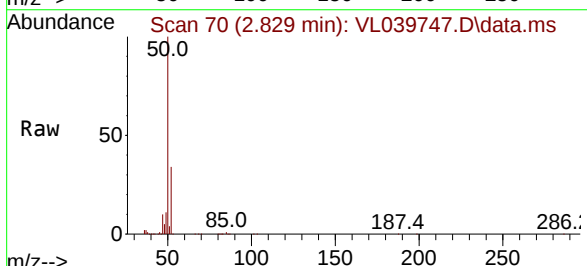
Manual Integrations
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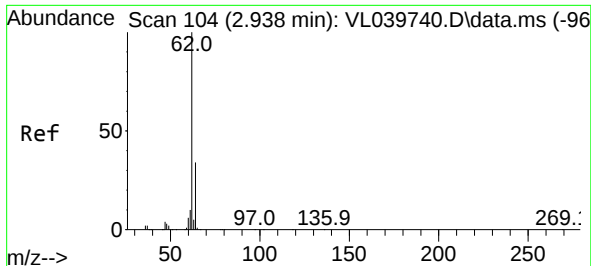
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#4
Chloromethane
Concen: 9.634 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

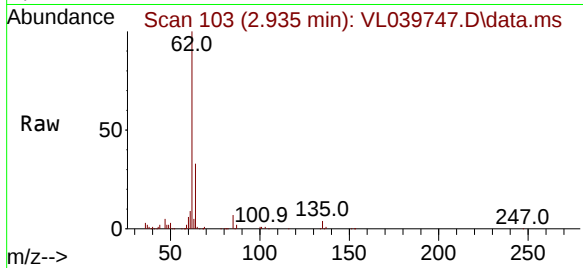
Tgt Ion: 50 Resp: 728695
Ion Ratio Lower Upper
50 100
52 34.7 24.8 37.2





#5
 Vinyl Chloride
 Concen: 10.669 ppbv
 RT: 2.935 min Scan# 103
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

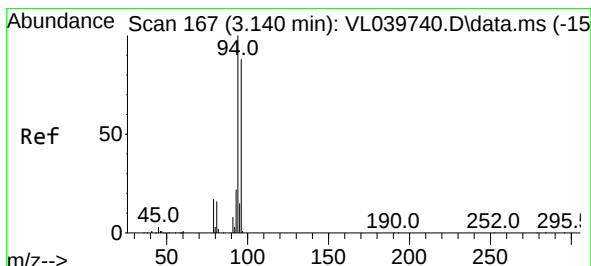
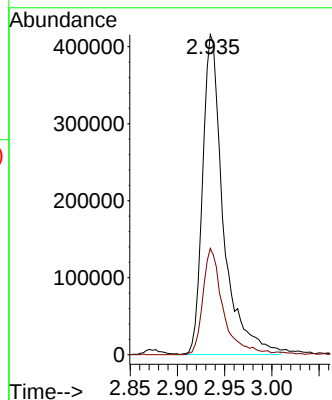
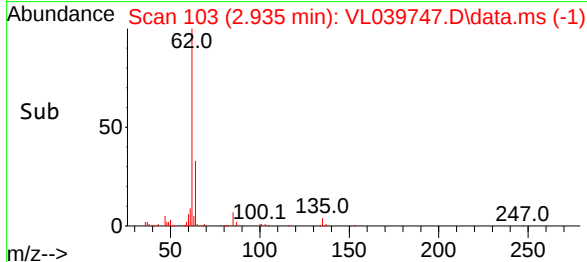
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122



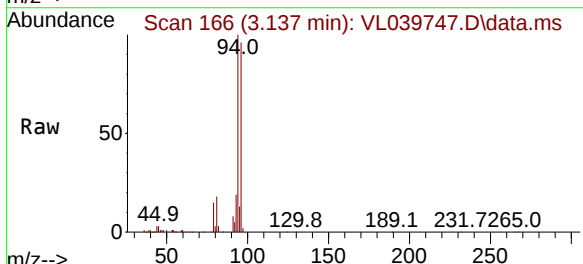
Tgt Ion: 62 Resp: 63351
 Ion Ratio Lower Upper
 62 100
 64 33.2 27.1 40.7

Manual Integrations
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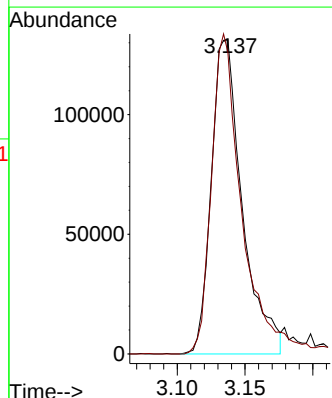
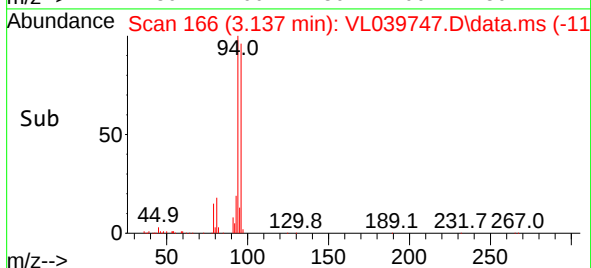
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

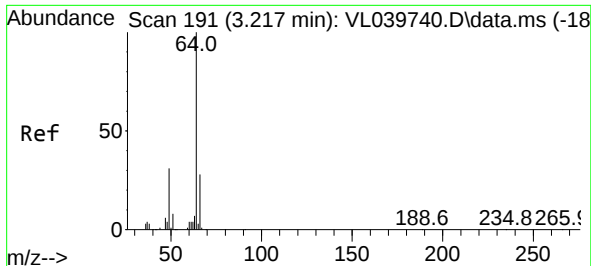


#6
 Bromomethane
 Concen: 9.481 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01



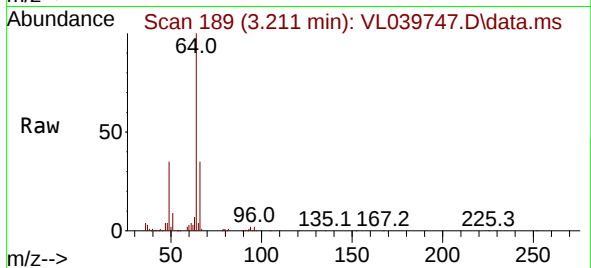
Tgt Ion: 94 Resp: 208490
 Ion Ratio Lower Upper
 94 100
 96 96.1 70.5 105.7





#7
Chloroethane
Concen: 10.303 ppbv
RT: 3.211 min Scan# 191
Delta R.T. -0.006 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

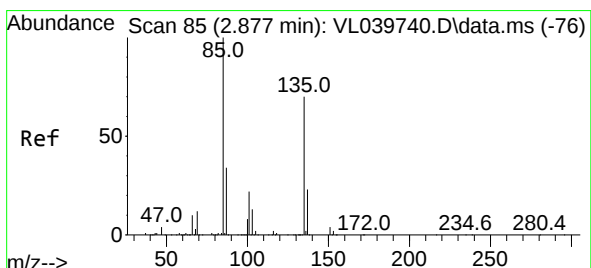
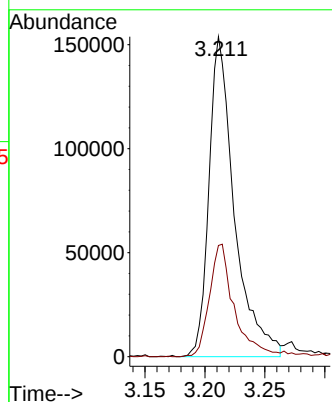
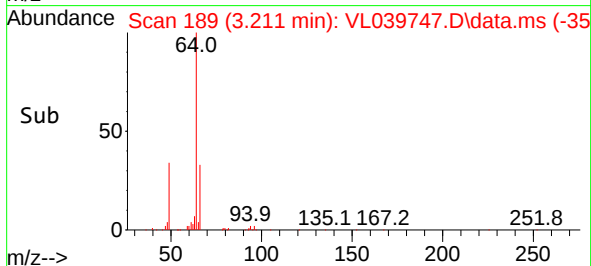
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



Tgt Ion: 64 Resp: 226728
Ion Ratio Lower Upper
64 100
66 34.7 22.6 34.0

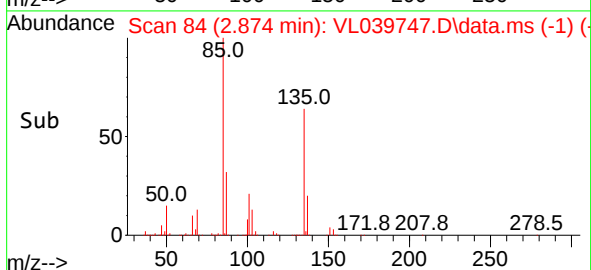
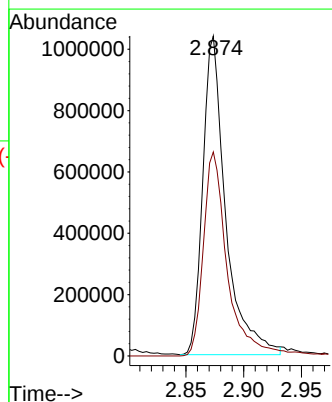
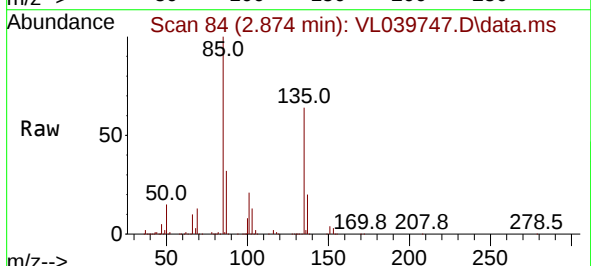
Manual Integrations
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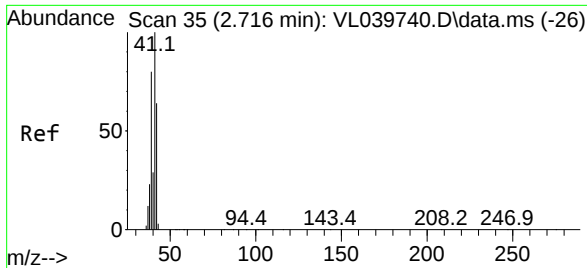
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#8
Dichlorotetrafluoroethane
Concen: 9.722 ppbv
RT: 2.874 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 85 Resp: 1433043
Ion Ratio Lower Upper
85 100
135 68.2 56.1 84.1





#9
 Propene
 Concen: 10.632 ppbv
 RT: 2.703 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

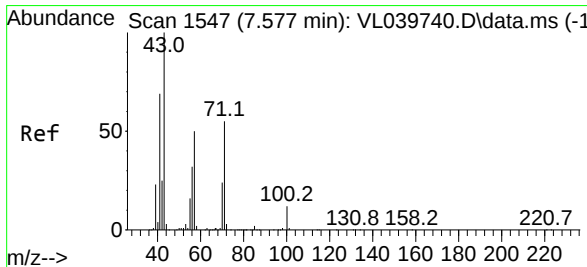
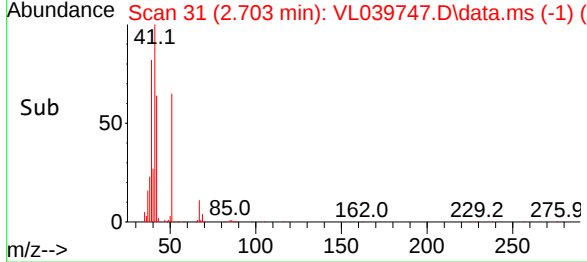
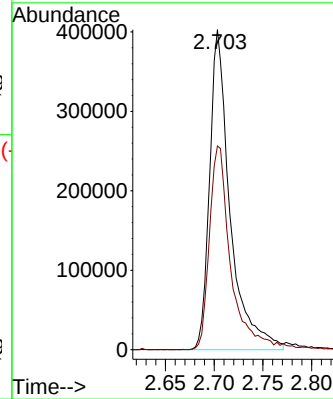
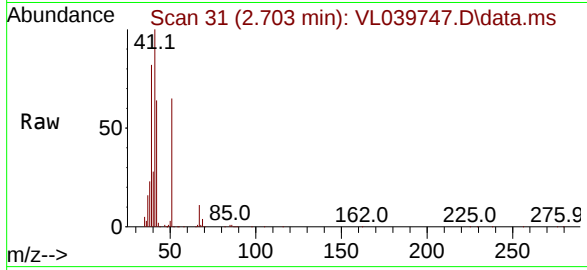
ClientSampleId :

ICVVL102122

Tgt Ion: 41 Resp: 586838
 Ion Ratio Lower Upper
 41 100
 42 67.7 54.4 81.6

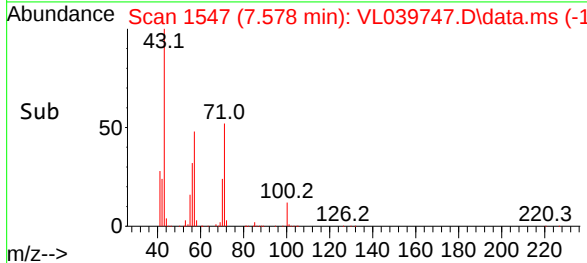
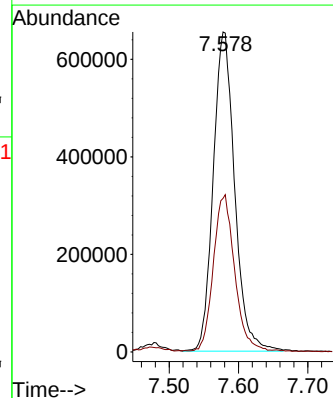
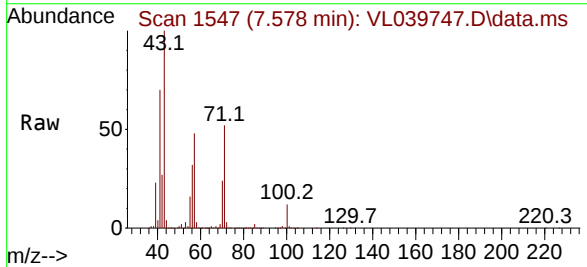
Manual Integrations
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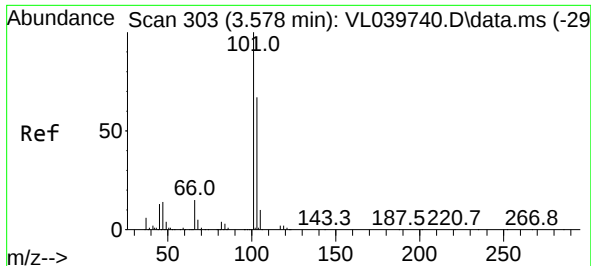
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#10
 Heptane
 Concen: 10.964 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

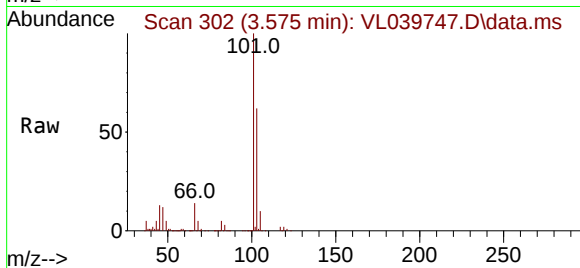
Tgt Ion: 43 Resp: 1404393
 Ion Ratio Lower Upper
 43 100
 57 49.6 40.0 60.0





#11
Trichlorofluoromethane
Concen: 9.833 ppbv
RT: 3.575 min Scan# 303
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

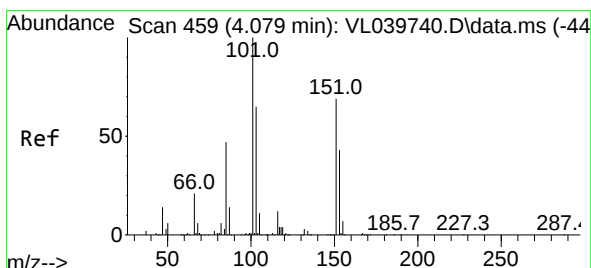
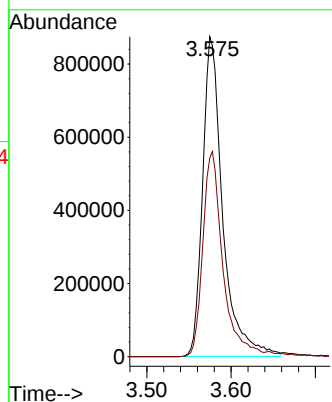
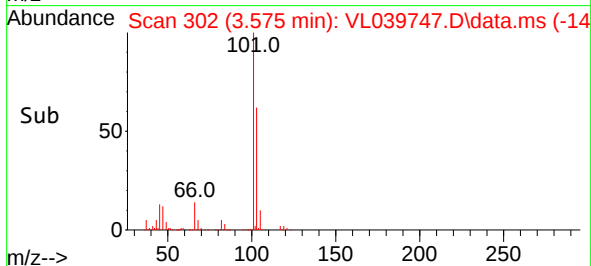
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



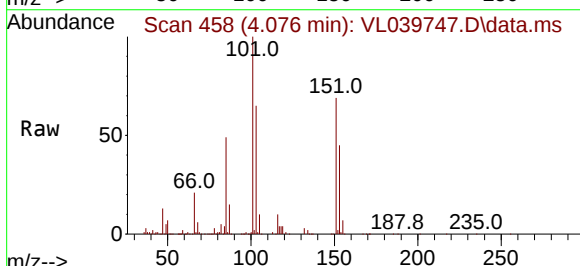
Tgt Ion:101 Resp: 145415
Ion Ratio Lower Upper
101 100
103 62.2 53.2 79.8

Manual Integrations
APPROVED

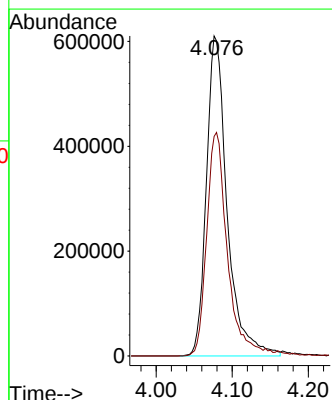
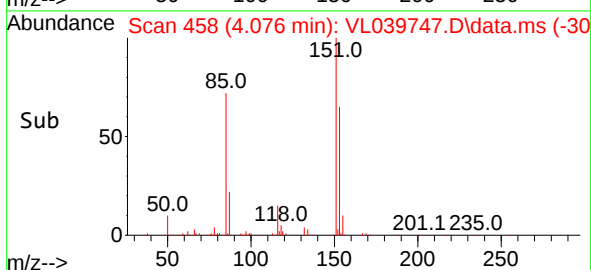
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

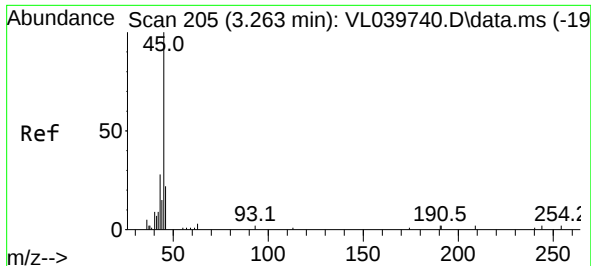


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.725 ppbv
RT: 4.076 min Scan# 458
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



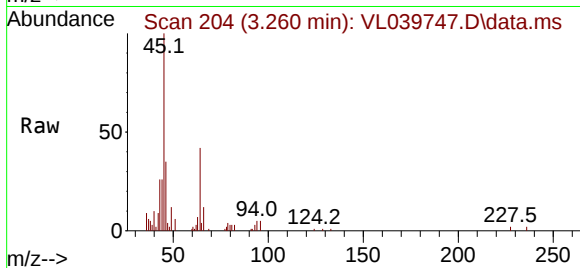
Tgt Ion:101 Resp: 1157036
Ion Ratio Lower Upper
101 100
151 70.9 58.0 87.0





#13
Ethanol
Concen: 9.934 ppbv m
RT: 3.260 min Scan# 205
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

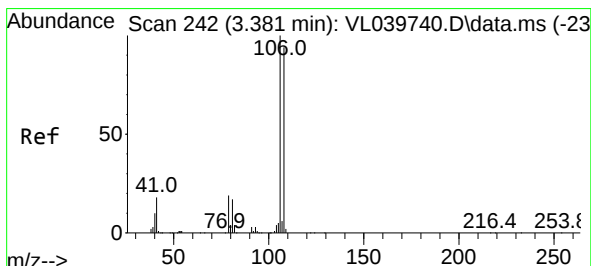
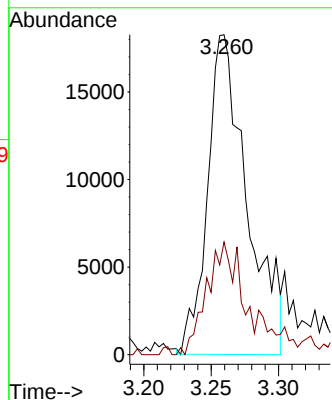
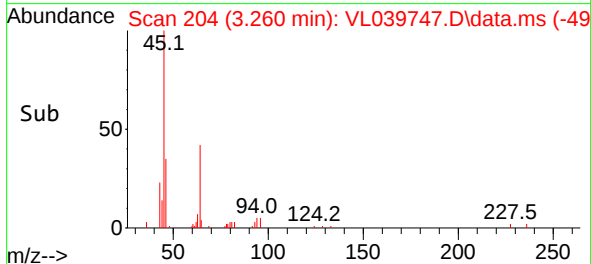
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



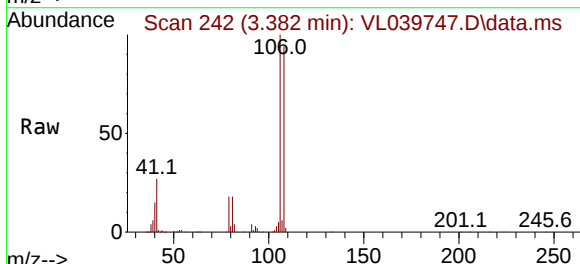
Tgt Ion: 45 Resp: 3736
Ion Ratio Lower Upper
45 100
46 41.2 14.8 59.2

Manual Integrations
APPROVED

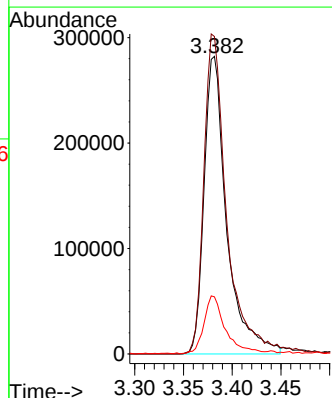
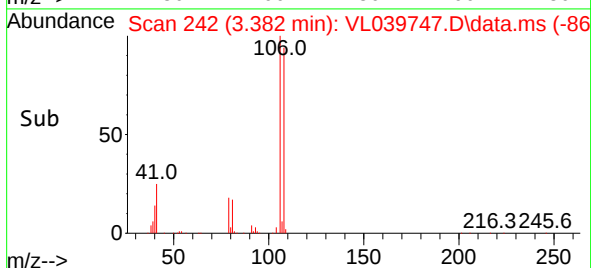
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

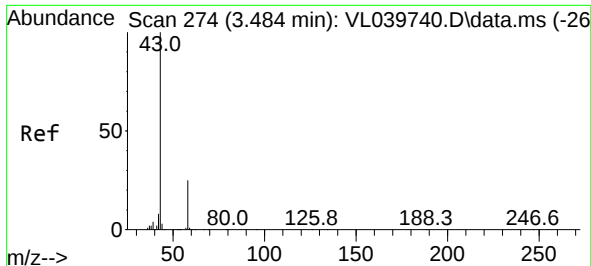


#14
Bromoethene
Concen: 10.065 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



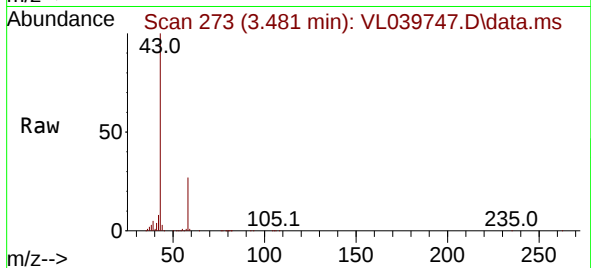
Tgt Ion:108 Resp: 456123
Ion Ratio Lower Upper
108 100
106 110.5 90.2 135.4
79 19.2 16.2 24.2





#15
Acetone
Concen: 9.020 ppbv
RT: 3.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

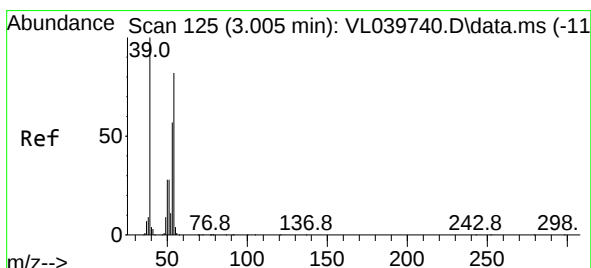
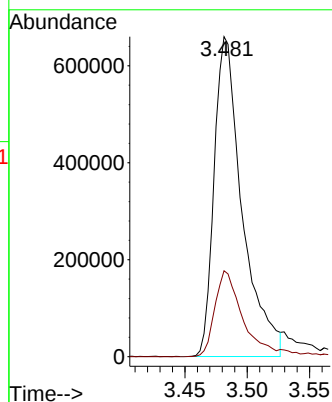
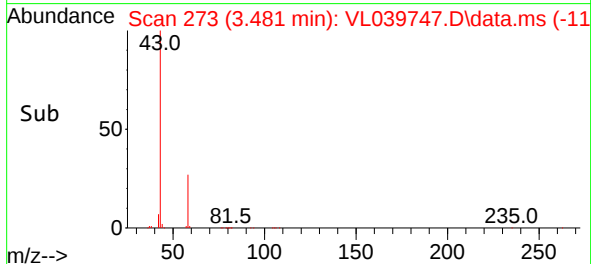
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



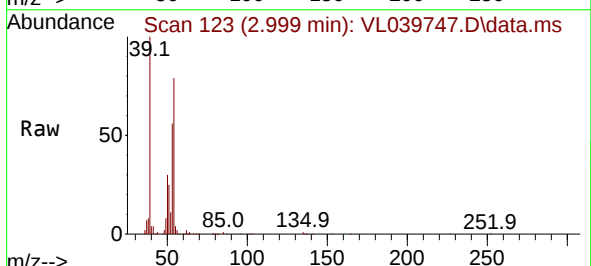
Tgt Ion: 43 Resp: 1033298
Ion Ratio Lower Upper
43 100
58 28.1 20.9 31.3

Manual Integrations
APPROVED

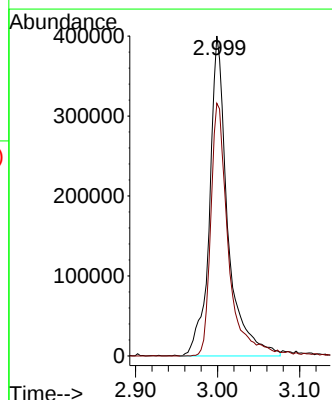
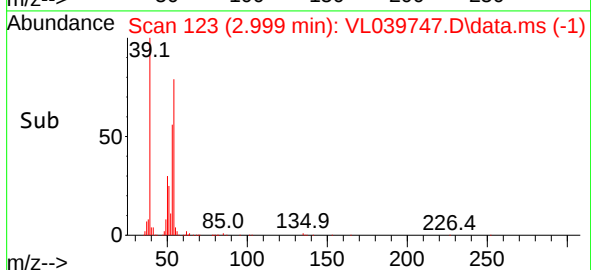
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

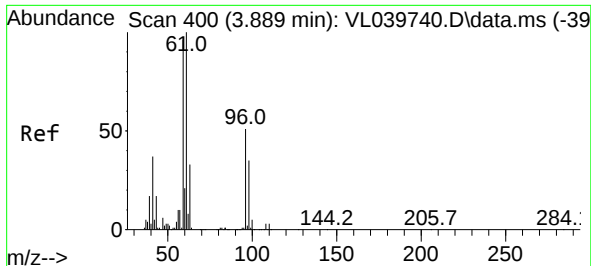


#16
1,3-Butadiene
Concen: 10.760 ppbv
RT: 2.999 min Scan# 123
Delta R.T. -0.006 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



Tgt Ion: 39 Resp: 618667
Ion Ratio Lower Upper
39 100
54 77.6 65.2 97.8





#17

tert-Butyl alcohol

Concen: 11.622 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.003 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102122

Tgt Ion: 59 Resp: 1131158

Ion Ratio Lower Upper

59 100

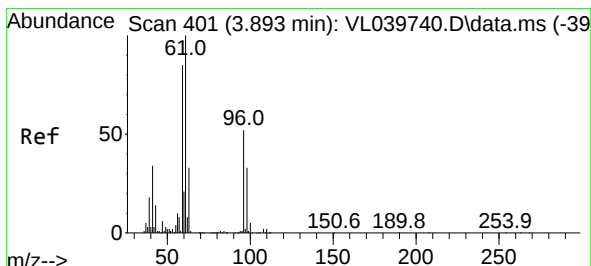
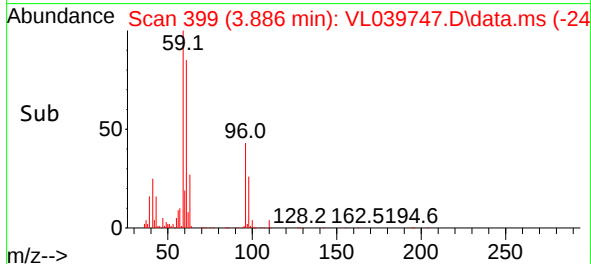
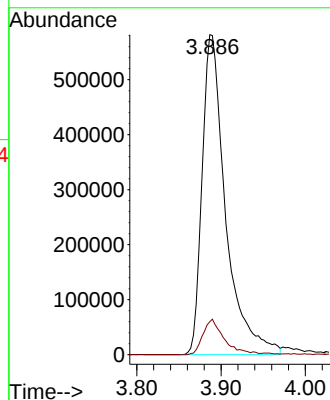
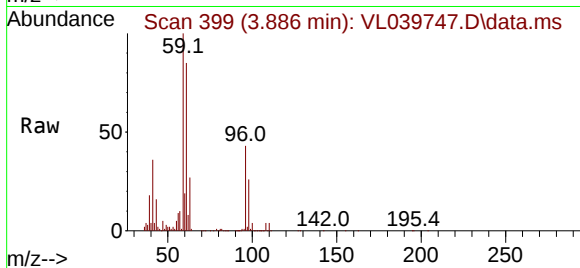
57 10.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#18

1,1-Dichloroethene

Concen: 10.072 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.000 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

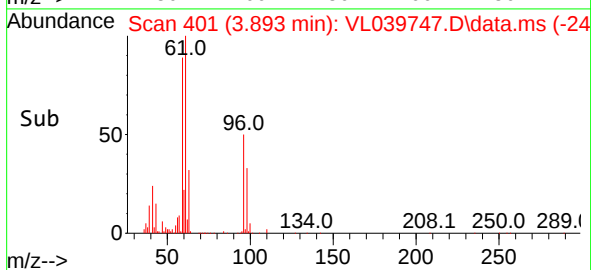
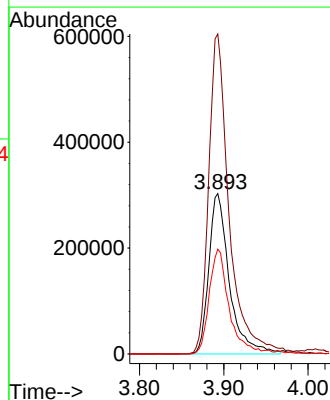
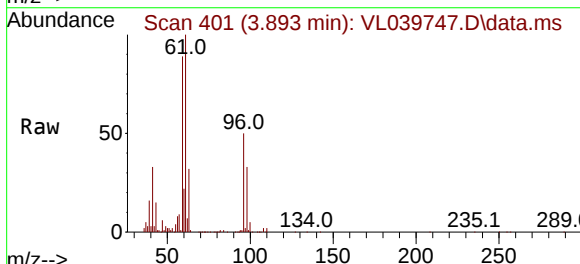
Tgt Ion: 96 Resp: 514205

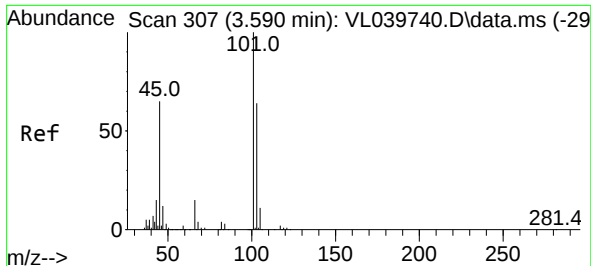
Ion Ratio Lower Upper

96 100

61 199.5 152.7 229.1

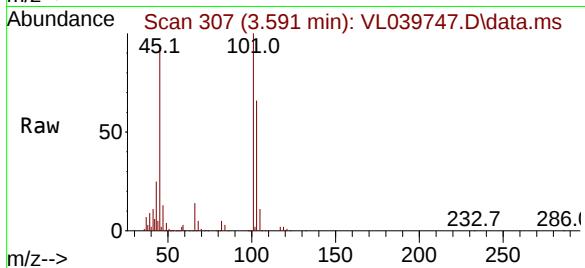
98 65.3 50.2 75.2





#19
Isopropyl Alcohol
Concen: 10.806 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

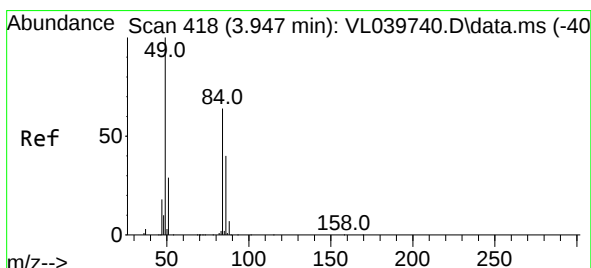
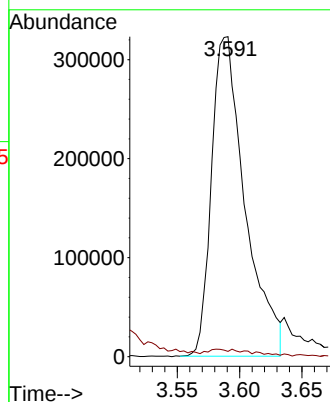
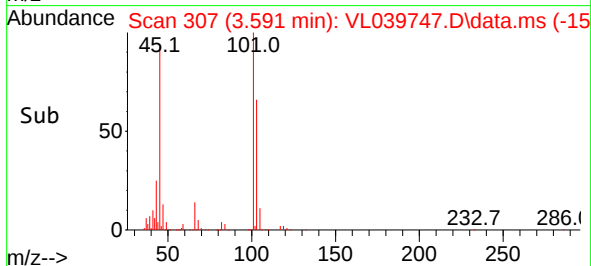
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



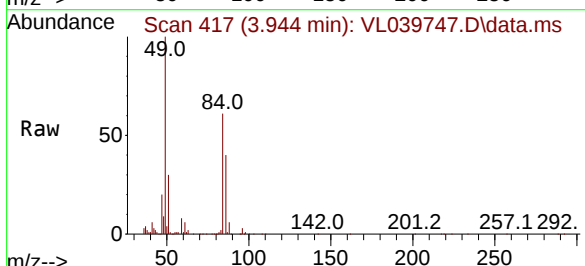
Tgt Ion: 45 Resp: 604579
Ion Ratio Lower Upper
45 100
58 3.0 3.3 4.9

Manual Integrations
APPROVED

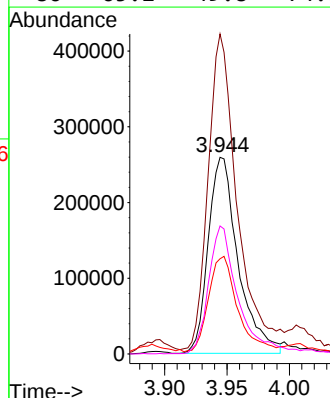
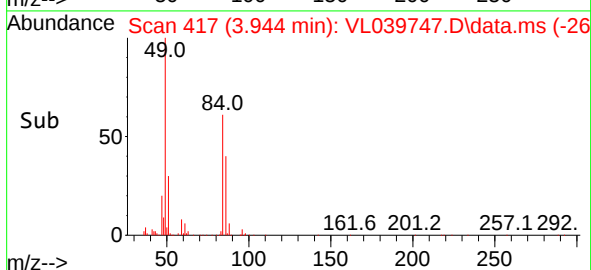
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

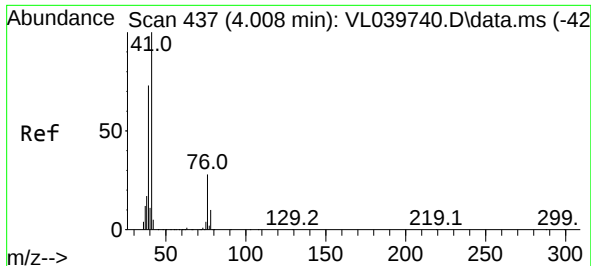


#20
Methylene Chloride
Concen: 9.410 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



Tgt Ion: 84 Resp: 433389
Ion Ratio Lower Upper
84 100
49 161.0 124.2 186.4
51 46.3 36.6 54.8
86 65.2 49.8 74.8





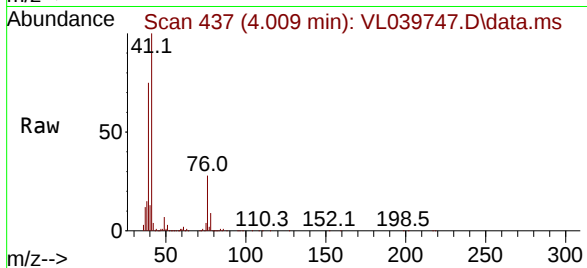
#21
 Allyl Chloride
 Concen: 10.544 ppbv
 RT: 4.009 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102122

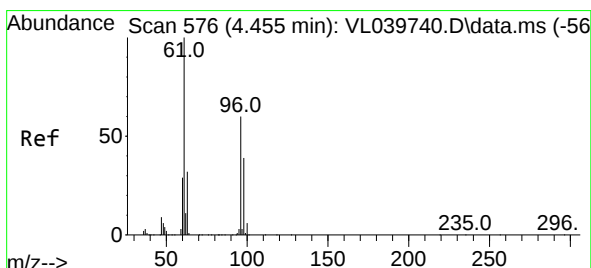
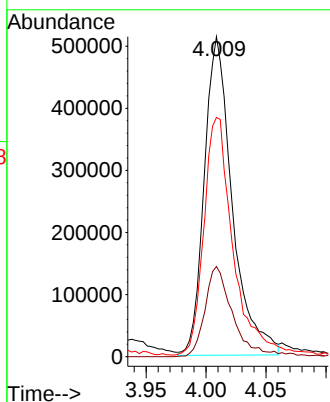
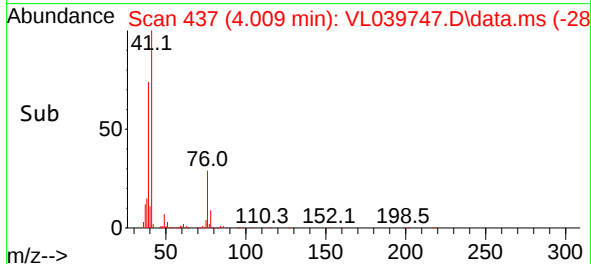


Tgt Ion: 41 Resp: 833730
 Ion Ratio Lower Upper
 41 100
 76 28.5 23.5 35.3
 39 78.3 67.4 101.2

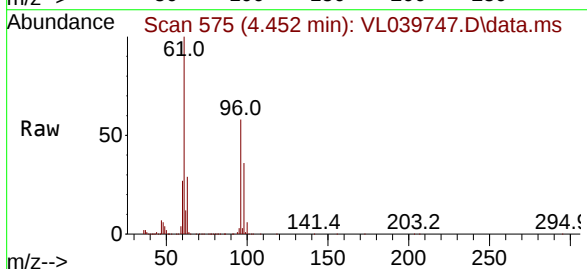
Manual Integrations

APPROVED

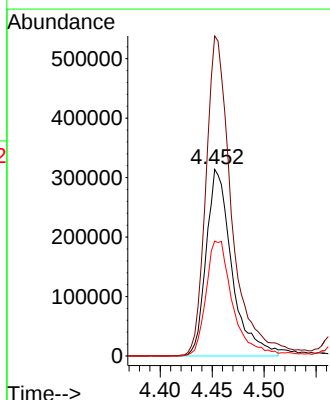
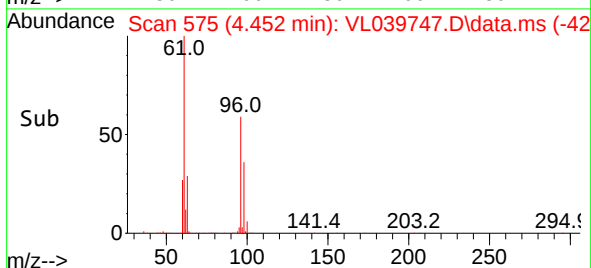
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

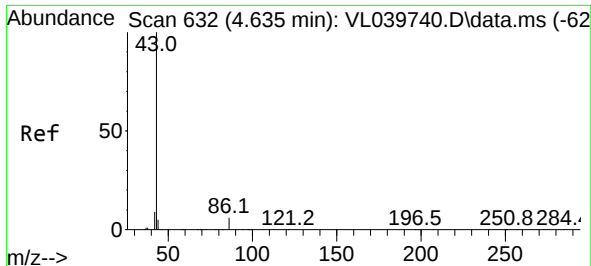


#22
 trans-1,2-Dichloroethene
 Concen: 10.410 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01



Tgt Ion: 96 Resp: 539537
 Ion Ratio Lower Upper
 96 100
 61 171.4 132.9 199.3
 98 61.6 51.6 77.4





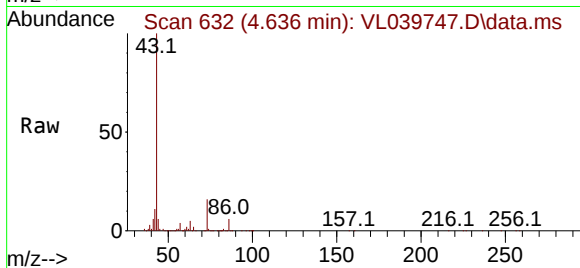
#23
 Vinyl Acetate
 Concen: 10.333 ppbv
 RT: 4.636 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102122

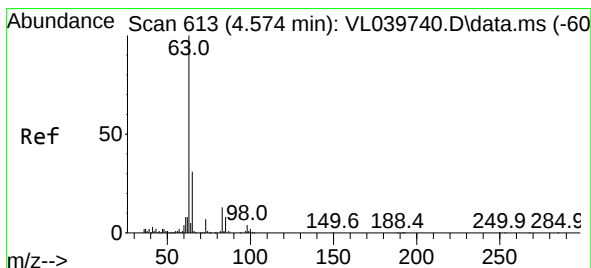
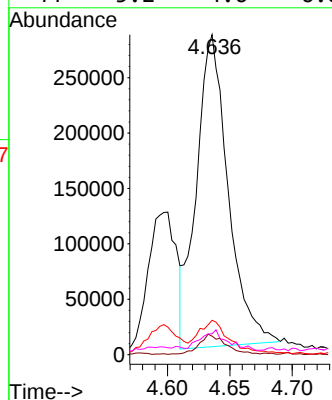
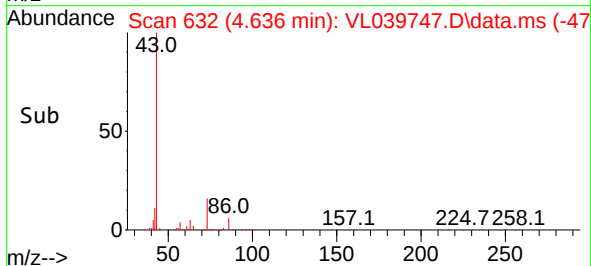


Tgt Ion: 43 Resp: 499451
 Ion Ratio Lower Upper
 43 100
 86 5.8 4.3 6.5
 42 10.5 7.9 11.9
 44 5.2 4.6 6.8

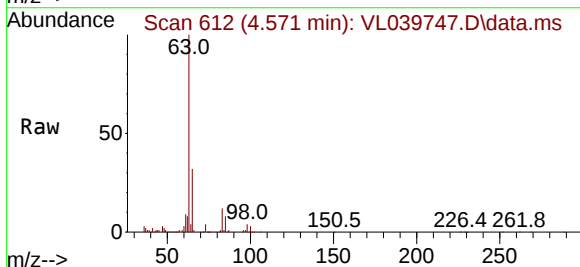
Manual Integrations

APPROVED

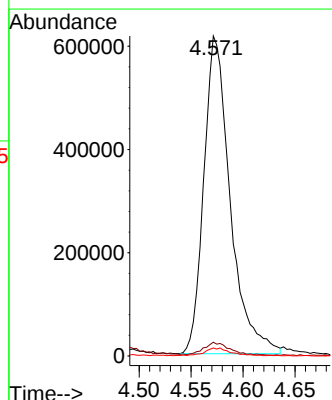
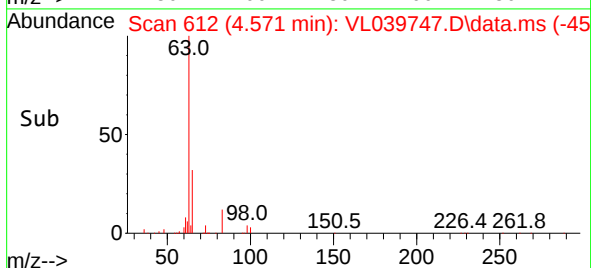
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

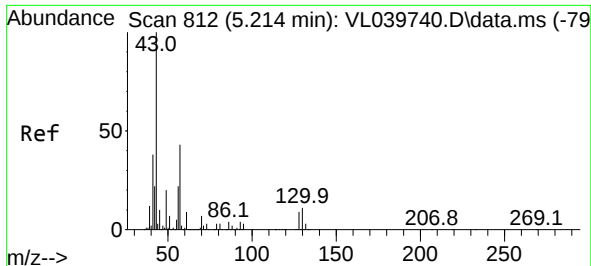


#24
 1,1-Dichloroethane
 Concen: 9.863 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01



Tgt Ion: 63 Resp: 1086951
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.5
 100 2.4 1.2 3.6





#25

Ethyl Acetate

Concen: 9.584 ppbv

RT: 5.211 min Scan# 811

Delta R.T. -0.003 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102122

Tgt Ion: 43 Resp: 2199610

Ion Ratio Lower Upper

43 100

45 10.6 8.1 12.1

61 9.8 7.5 11.3

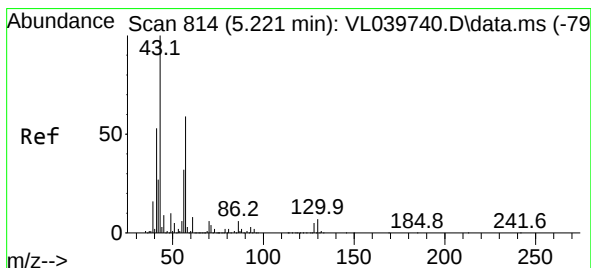
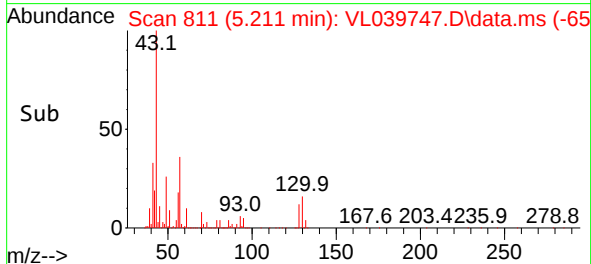
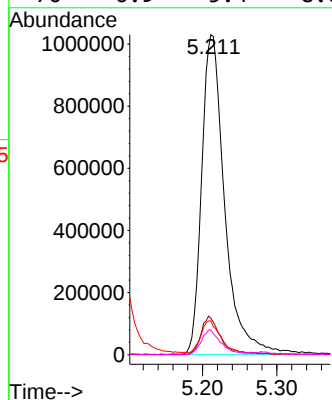
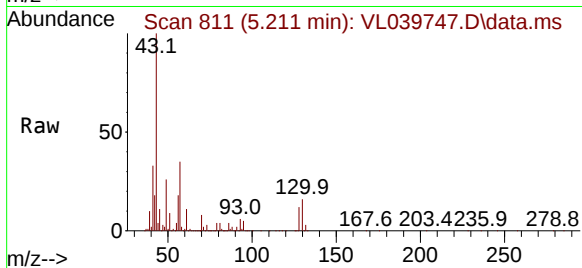
70 6.9 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#26

Hexane

Concen: 9.540 ppbv

RT: 5.218 min Scan# 813

Delta R.T. -0.003 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Tgt Ion: 57 Resp: 891748

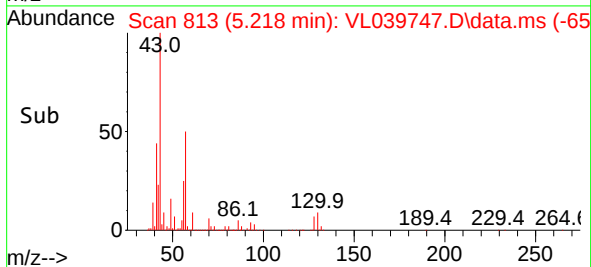
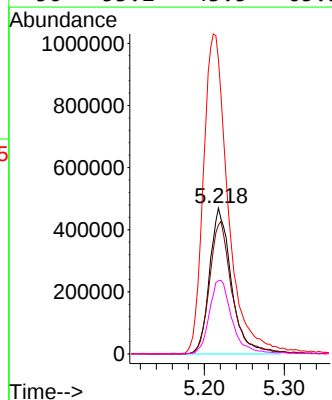
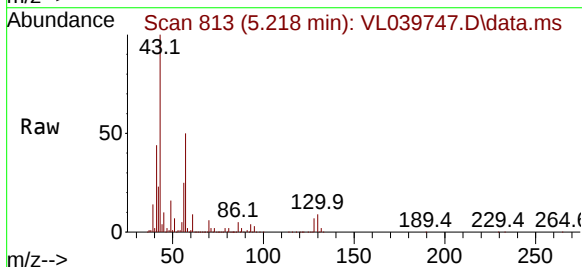
Ion Ratio Lower Upper

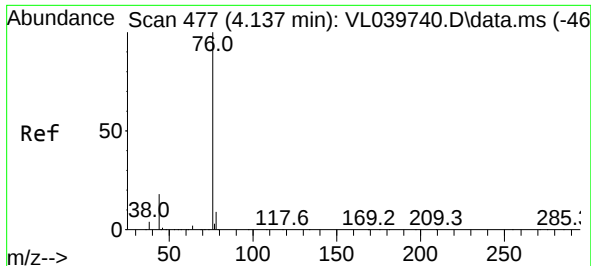
57 100

41 95.0 76.8 115.2

43 250.4 201.0 301.4

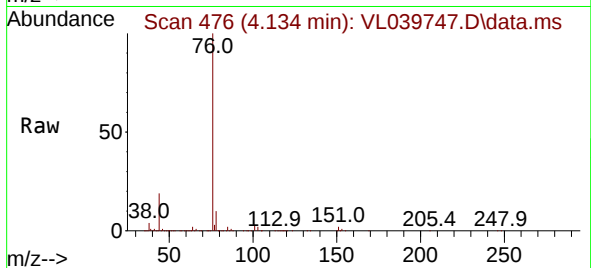
56 53.2 43.5 65.3





#27
Carbon Disulfide
Concen: 11.095 ppbv
RT: 4.134 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

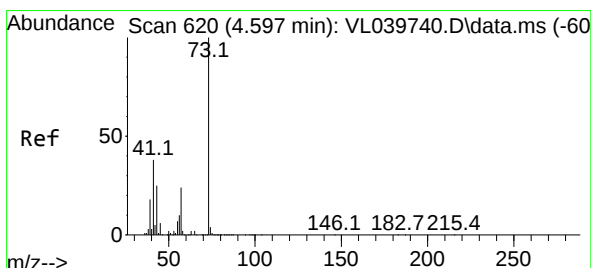
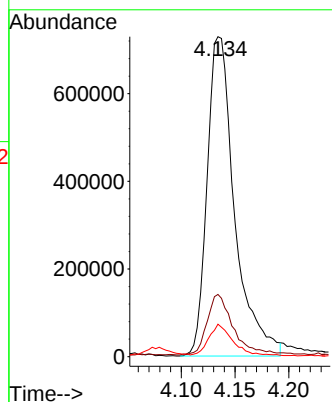
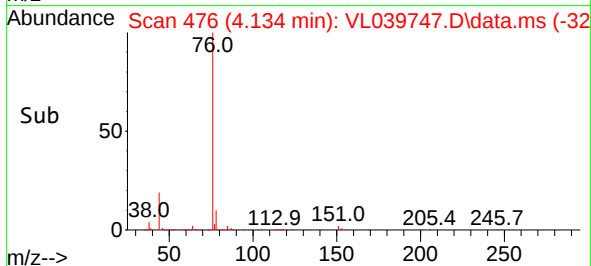
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



Tgt Ion: 76 Resp: 1298630
Ion Ratio Lower Upper
76 100
44 18.9 14.5 21.7
78 9.7 8.1 12.1

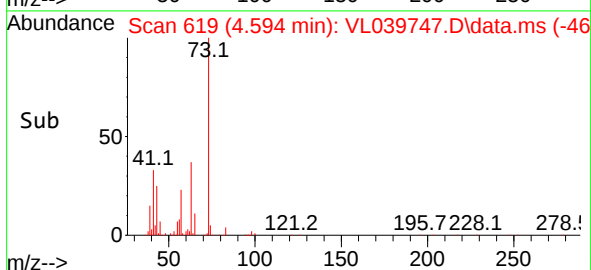
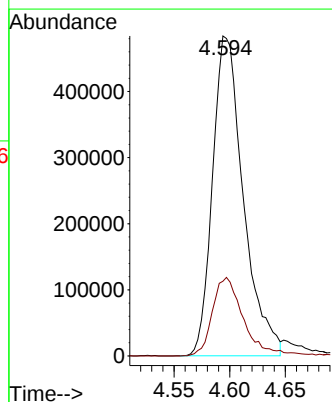
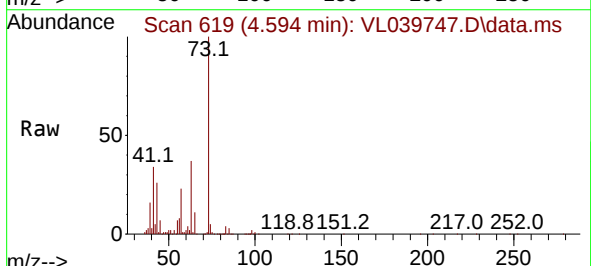
Manual Integrations
APPROVED

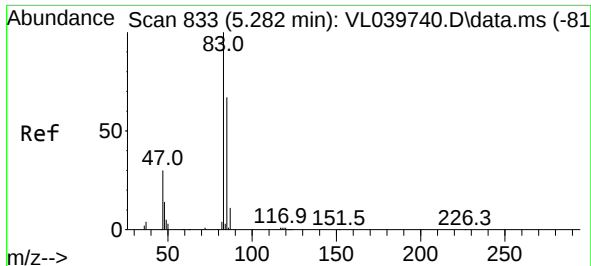
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#28
Methyl tert-Butyl Ether
Concen: 10.501 ppbv
RT: 4.594 min Scan# 619
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 73 Resp: 930838
Ion Ratio Lower Upper
73 100
57 25.3 19.4 29.2





#29

Chloroform

Concen: 8.170 ppbv

RT: 5.282 min Scan# 83

Delta R.T. 0.000 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102122

Tgt Ion: 83 Resp: 122412

Ion Ratio Lower Upper

83 100

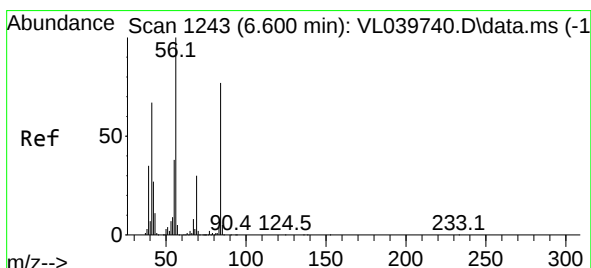
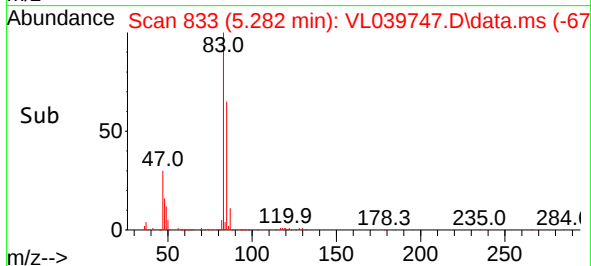
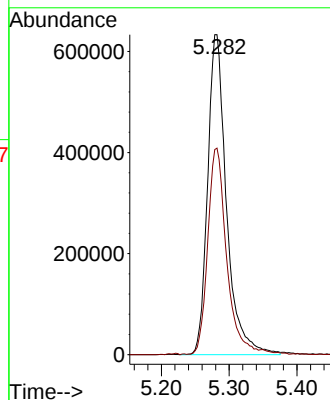
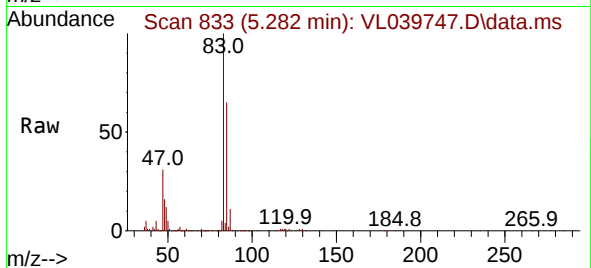
85 64.6 53.5 80.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#30

Cyclohexane

Concen: 10.936 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

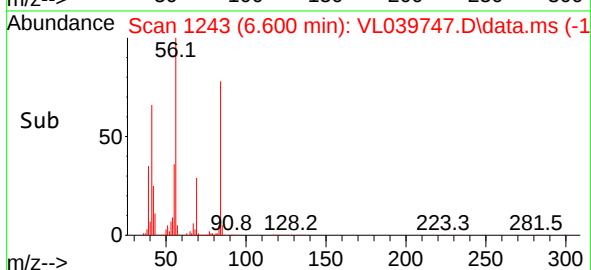
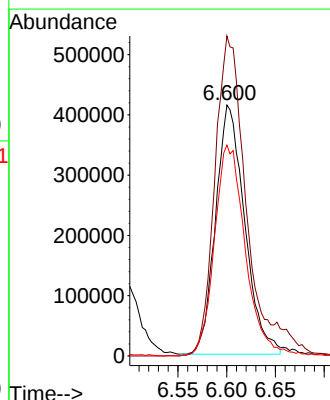
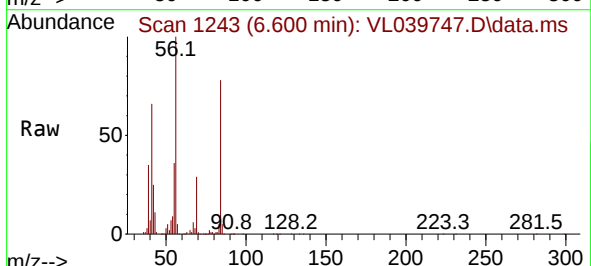
Tgt Ion: 84 Resp: 859308

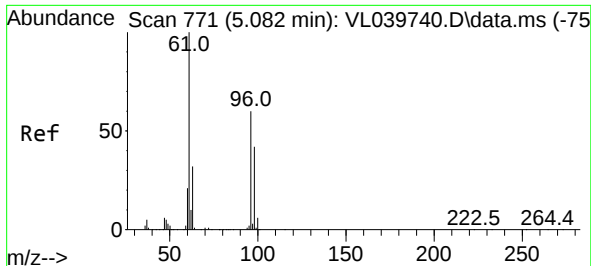
Ion Ratio Lower Upper

84 100

56 141.7 114.2 171.4

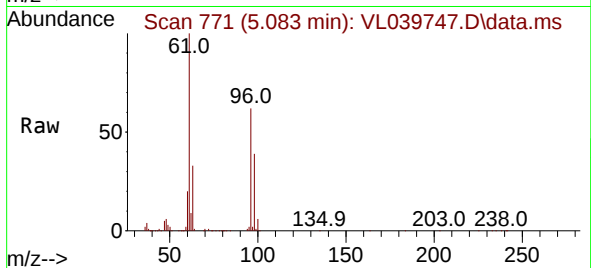
41 90.4 74.2 111.2





#31
 cis-1,2-Dichloroethene
 Concen: 9.708 ppbv
 RT: 5.083 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

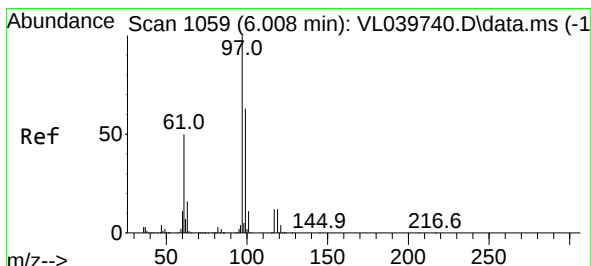
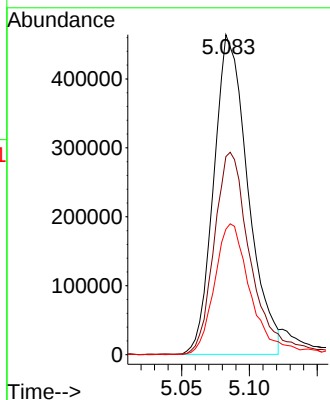
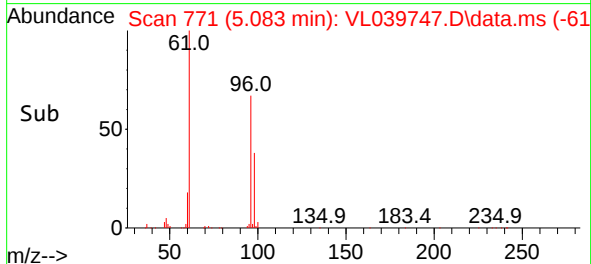
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122



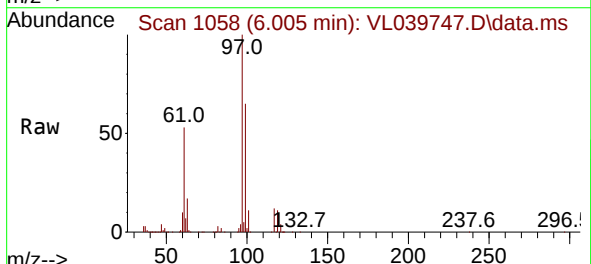
Tgt Ion: 61 Resp: 81373
 Ion Ratio Lower Upper
 61 100
 96 61.8 48.3 72.5
 98 39.2 33.2 49.8

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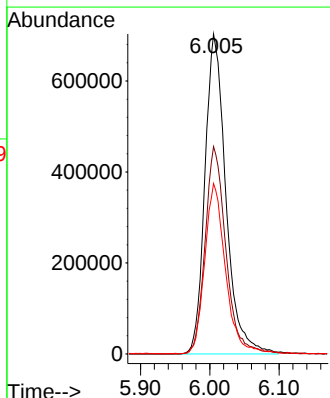
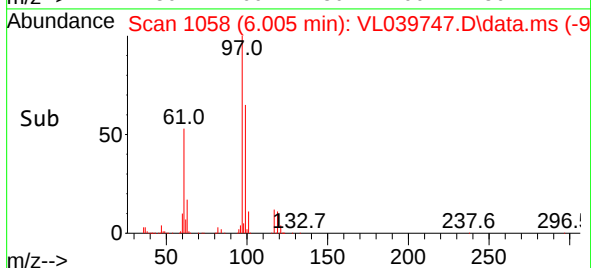
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

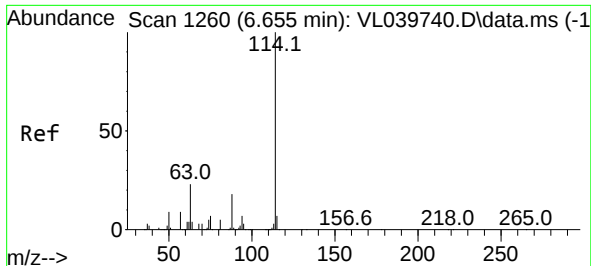


#32
 1,1,1-Trichloroethane
 Concen: 11.359 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01



Tgt Ion: 97 Resp: 1476292
 Ion Ratio Lower Upper
 97 100
 99 64.6 53.0 79.4
 61 53.4 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102122

Tgt Ion:114 Resp: 2880150

Ion Ratio Lower Upper

114 100

63 25.0 19.8 29.6

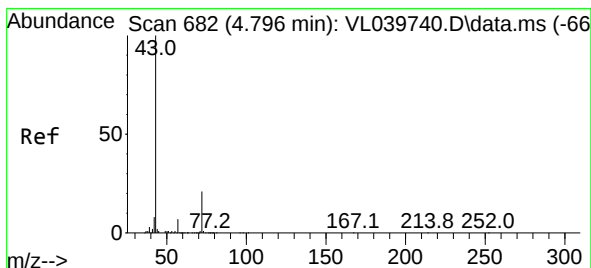
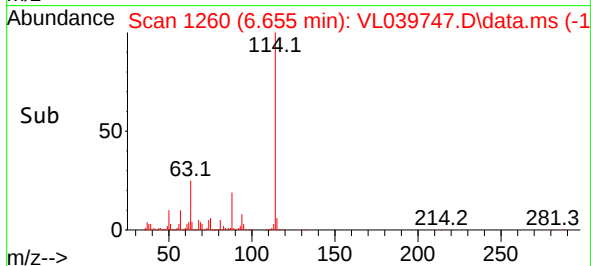
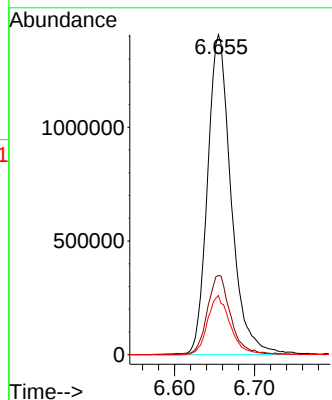
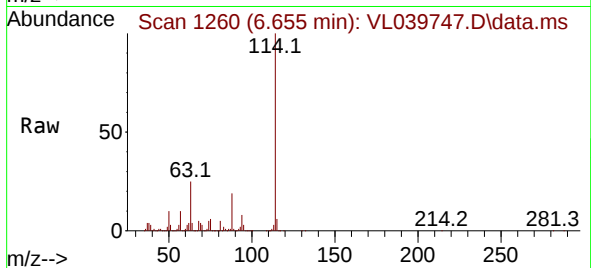
88 17.9 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#34

2-Butanone

Concen: 9.828 ppbv

RT: 4.793 min Scan# 681

Delta R.T. -0.003 min

Lab File: VL039747.D

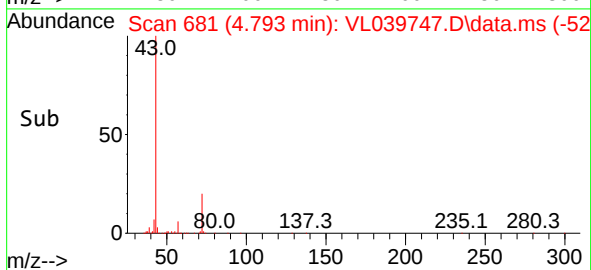
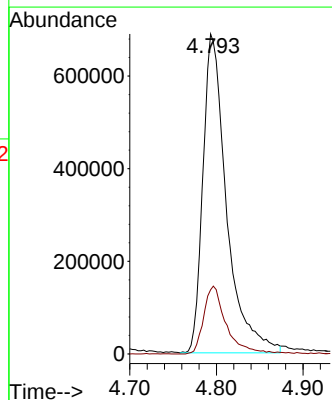
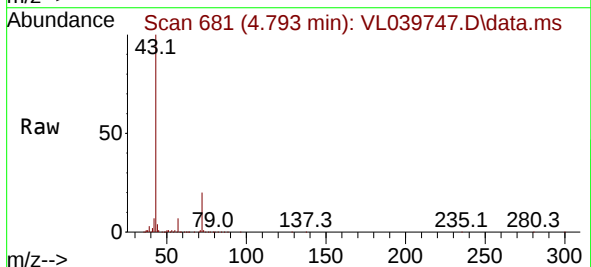
Acq: 21 Oct 2022 16:01

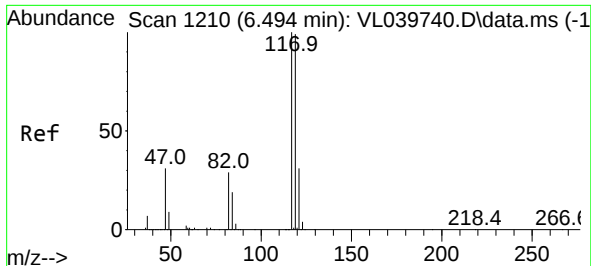
Tgt Ion: 43 Resp: 1305636

Ion Ratio Lower Upper

43 100

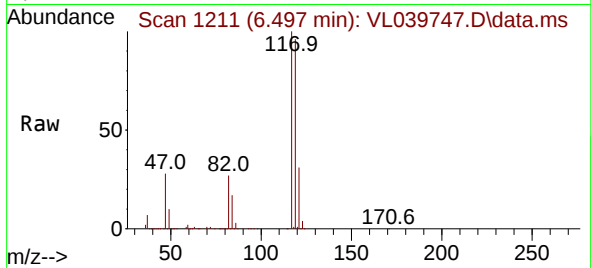
72 20.8 17.1 25.7





#35
Carbon Tetrachloride
Concen: 10.313 ppbv
RT: 6.497 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

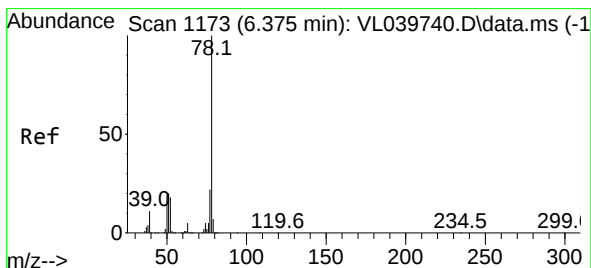
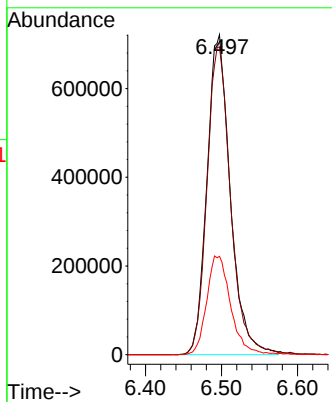
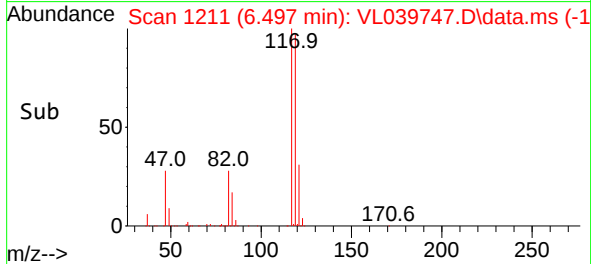
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



Tgt Ion: 117 Resp: 1539340
Ion Ratio Lower Upper
117 100
119 96.2 79.2 118.8
121 30.8 25.0 37.6

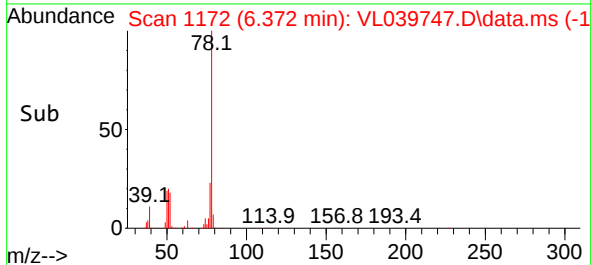
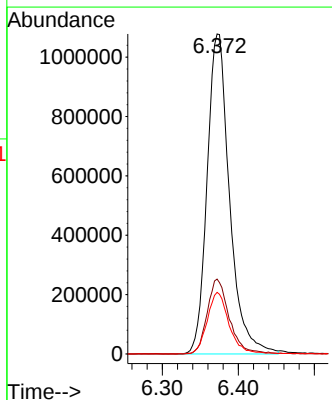
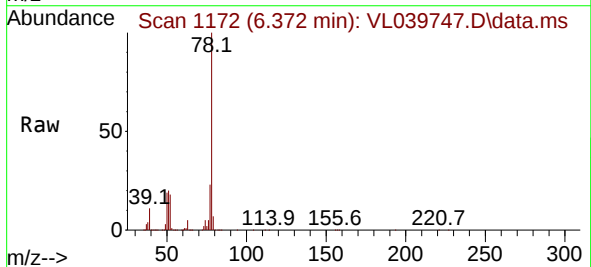
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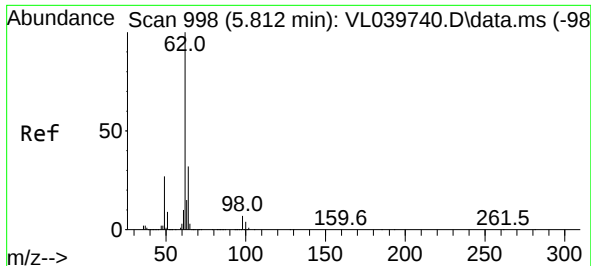
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#36
Benzene
Concen: 10.166 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

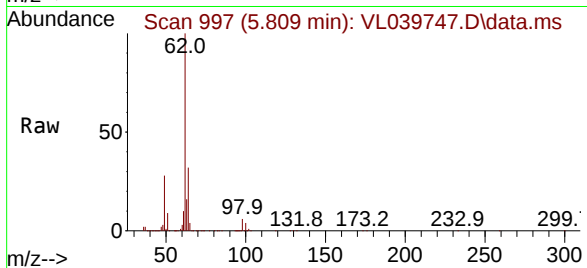
Tgt Ion: 78 Resp: 2209690
Ion Ratio Lower Upper
78 100
77 23.4 17.3 25.9
50 19.2 14.9 22.3





#37
1,2-Dichloroethane
Concen: 9.732 ppbv
RT: 5.809 min Scan# 998
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

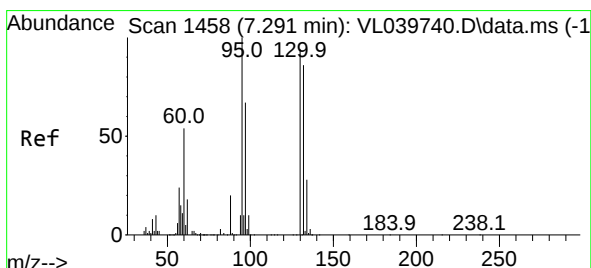
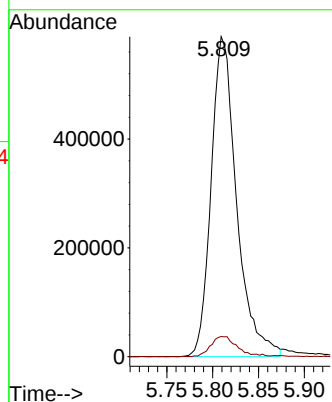
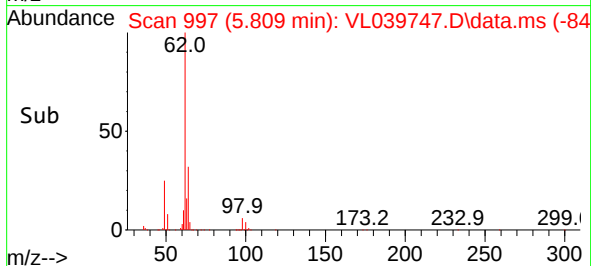
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



Tgt Ion: 62 Resp: 113955
Ion Ratio Lower Upper
62 100
98 6.9 5.4 8.0

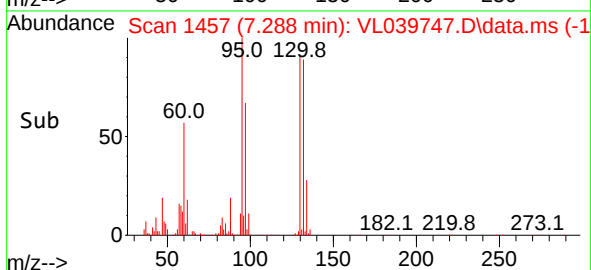
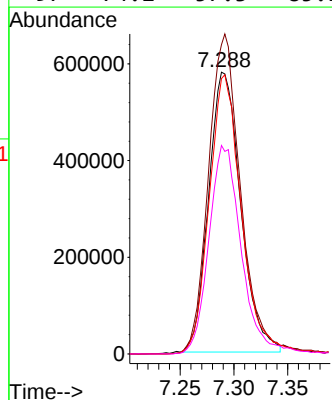
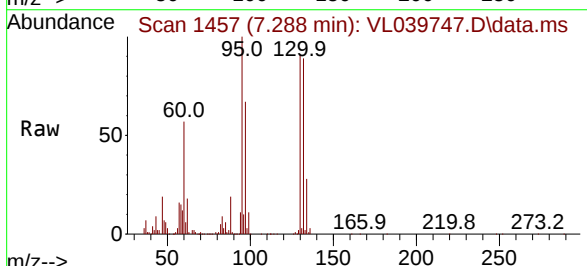
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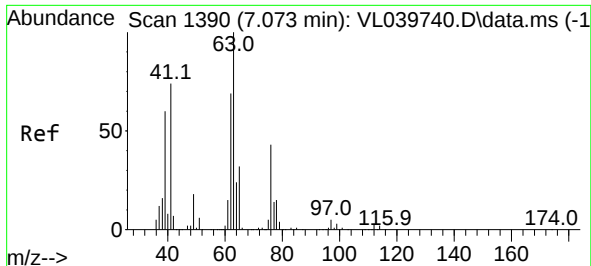
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#38
Trichloroethene
Concen: 10.300 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion:130 Resp: 1200903
Ion Ratio Lower Upper
130 100
95 110.1 85.4 128.2
132 97.9 73.0 109.6
97 74.2 57.3 85.9





#39

1,2-Dichloropropane

Concen: 9.797 ppbv

RT: 7.073 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102122

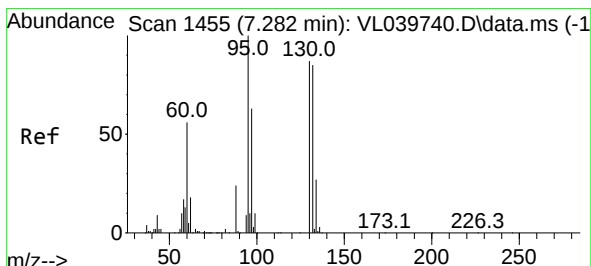
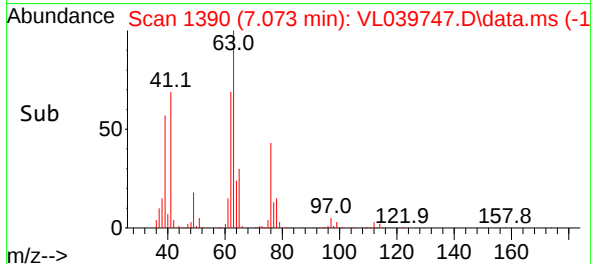
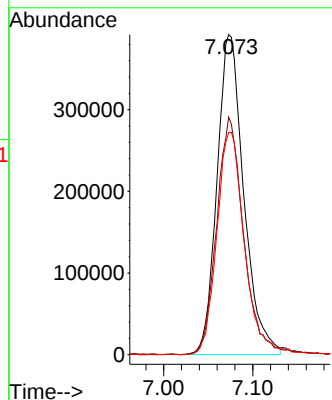
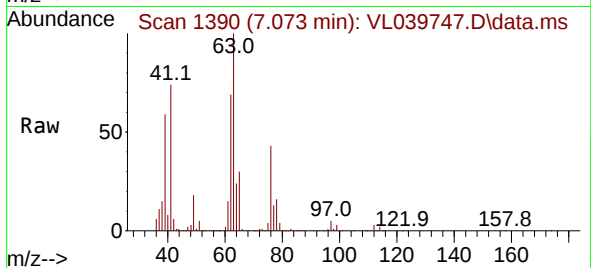
Tgt Ion: 63 Resp: 816914

Ion	Ratio	Lower	Upper
63	100		
41	74.2	59.5	89.3
62	69.5	55.2	82.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#40

1,4-Dioxane

Concen: 9.408 ppbv m

RT: 7.292 min Scan# 1458

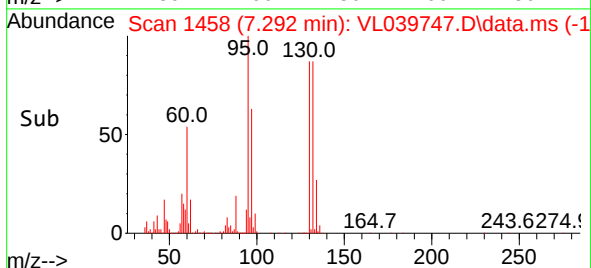
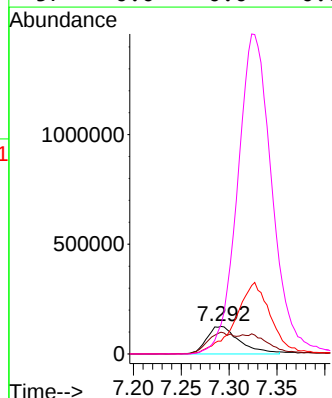
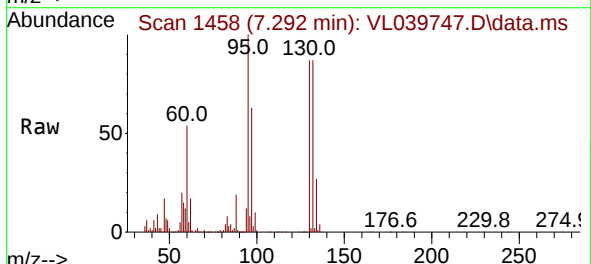
Delta R.T. 0.010 min

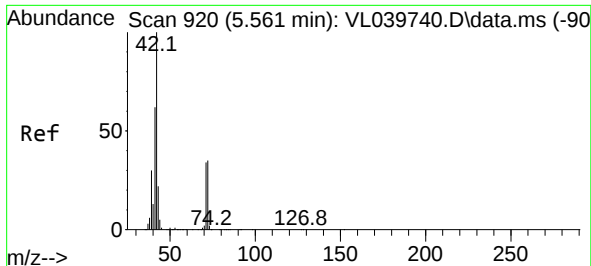
Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Tgt Ion: 88 Resp: 300490

Ion	Ratio	Lower	Upper
88	100		
58	0.0	101.6	152.4#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 9.872 ppbv

RT: 5.565 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102122

Tgt Ion: 42 Resp: 84088

Ion Ratio Lower Upper

42 100

72 36.6 30.0 45.0

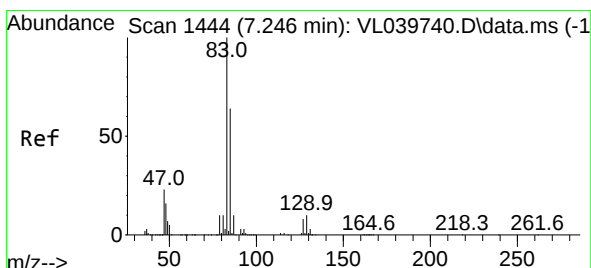
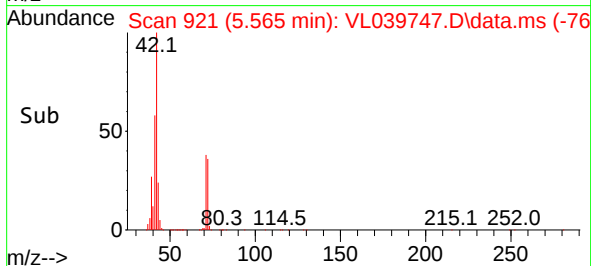
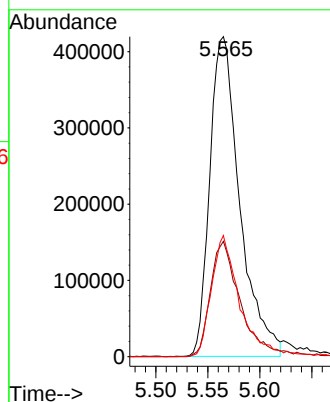
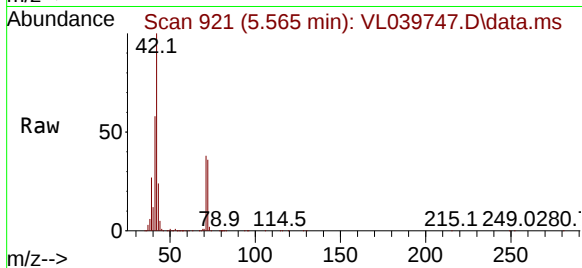
71 36.6 29.3 43.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#42

Bromodichloromethane

Concen: 10.341 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. 0.003 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

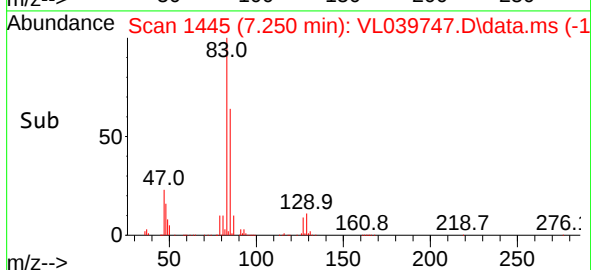
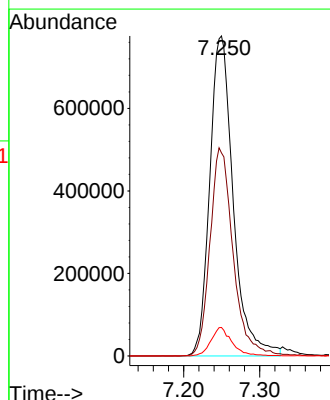
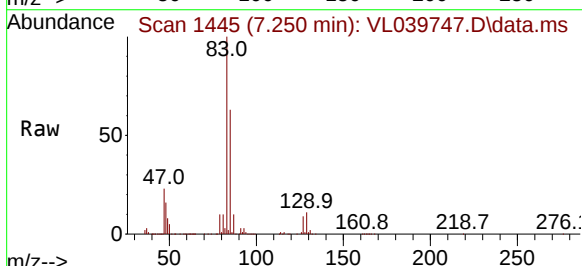
Tgt Ion: 83 Resp: 1662855

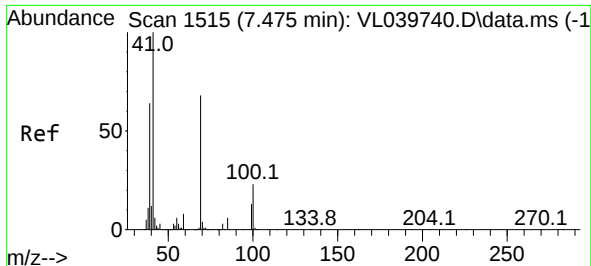
Ion Ratio Lower Upper

83 100

85 63.5 51.0 76.6

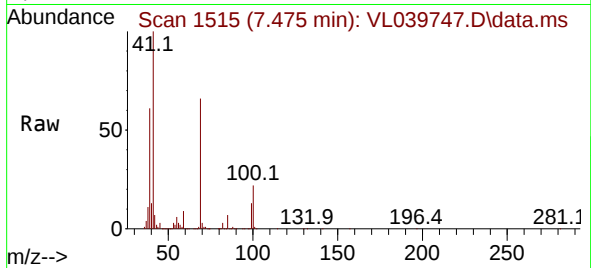
127 8.9 6.5 9.7





#43
Methyl Methacrylate
Concen: 10.942 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

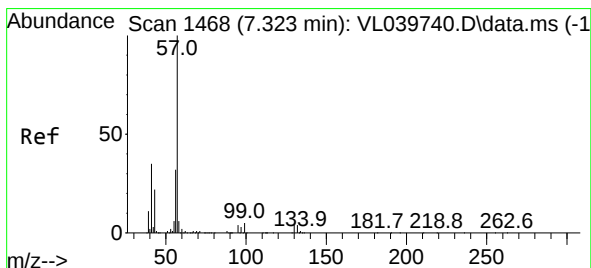
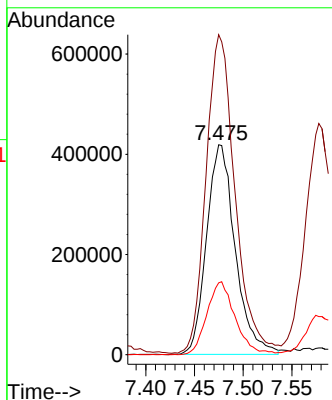
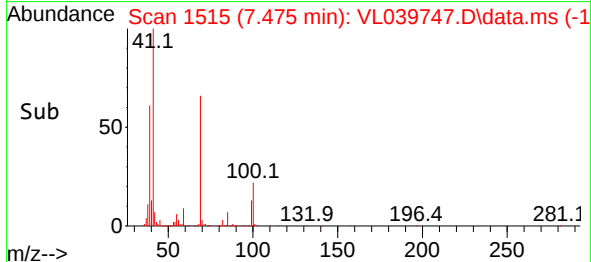
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



Tgt Ion: 69 Resp: 85557
Ion Ratio Lower Upper
69 100
41 154.3 124.6 186.8
100 34.5 27.5 41.3

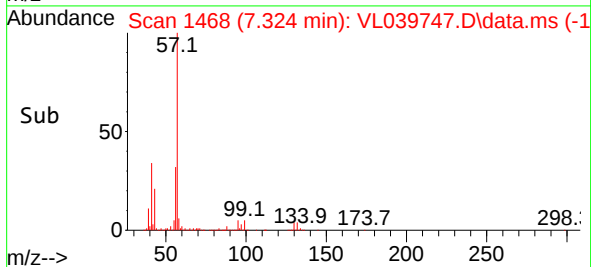
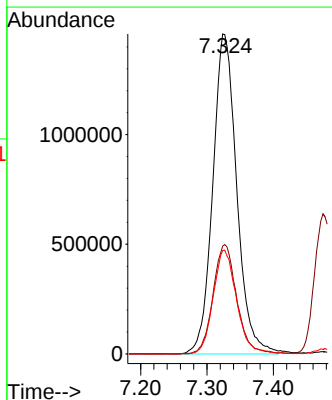
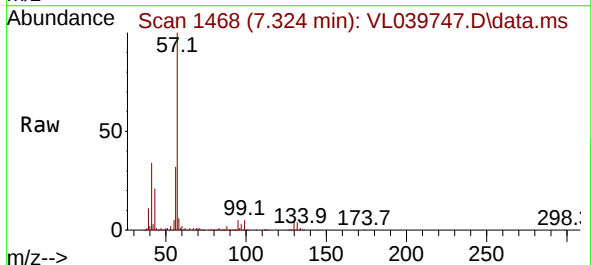
Manual Integrations
APPROVED

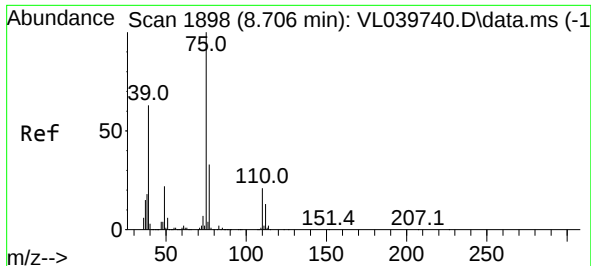
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#44
2,2,4-Trimethylpentane
Concen: 9.930 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 57 Resp: 3657360
Ion Ratio Lower Upper
57 100
41 33.7 27.1 40.7
56 31.8 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 12.112 ppbv
RT: 8.703 min Scan# 1897
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

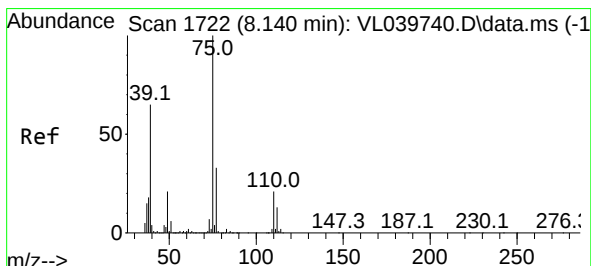
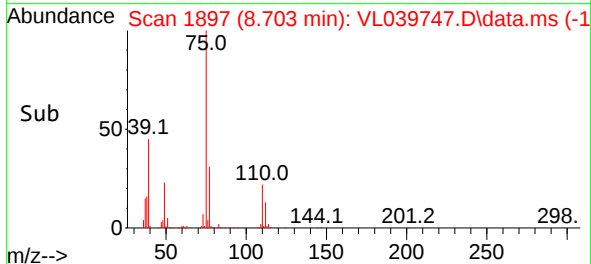
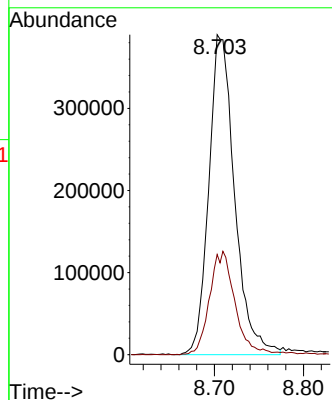
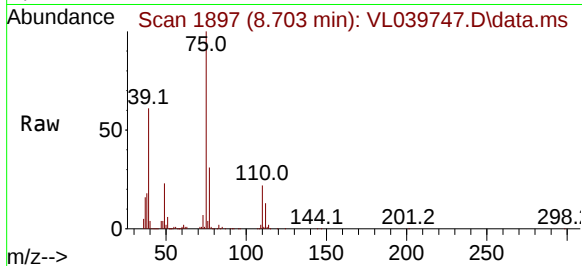
ICVVL102122

Tgt Ion: 75 Resp: 783940
Ion Ratio Lower Upper
75 100
77 31.3 26.6 39.8

Manual Integrations

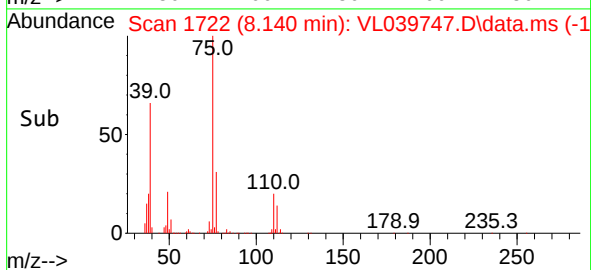
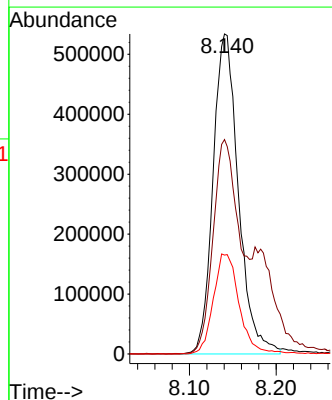
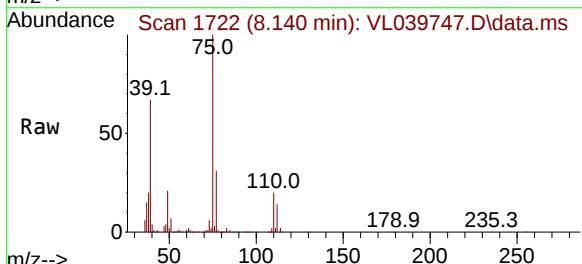
APPROVED

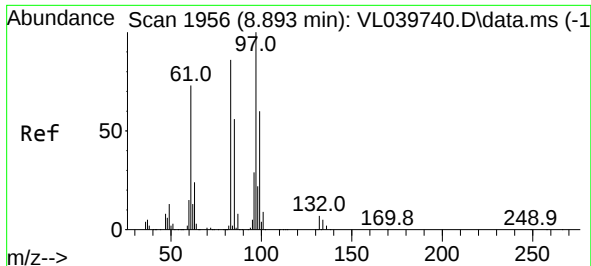
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#46
cis-1,3-Dichloropropene
Concen: 11.844 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

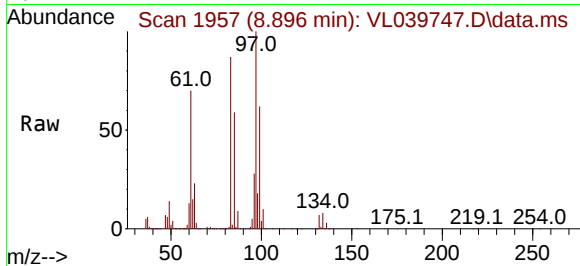
Tgt Ion: 75 Resp: 1085917
Ion Ratio Lower Upper
75 100
39 66.9 52.2 78.4
77 30.9 26.6 40.0





#47
1,1,2-Trichloroethane
Concen: 9.417 ppbv
RT: 8.896 min Scan# 1956
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

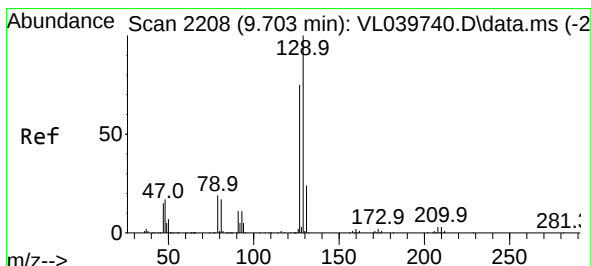
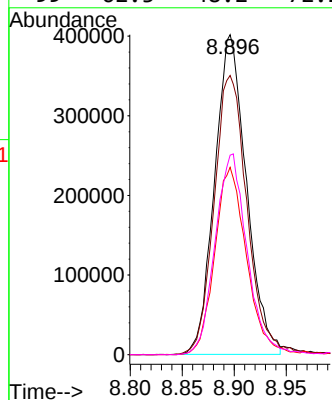
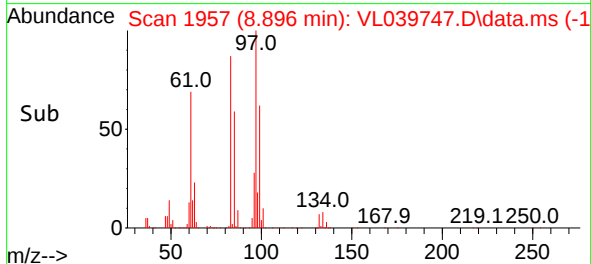
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



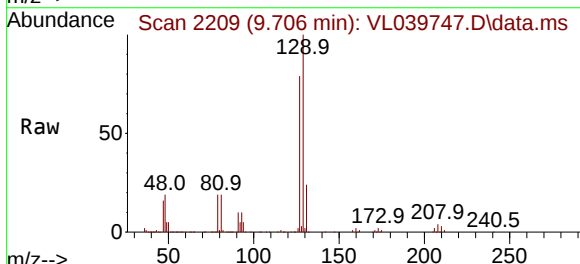
Tgt Ion: 97 Resp: 852711
Ion Ratio Lower Upper
97 100
83 87.1 68.8 103.2
85 58.5 44.8 67.2
99 62.3 48.2 72.2

Manual Integrations
APPROVED

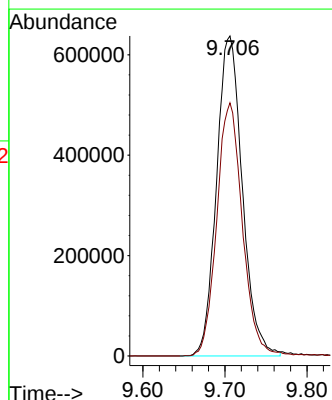
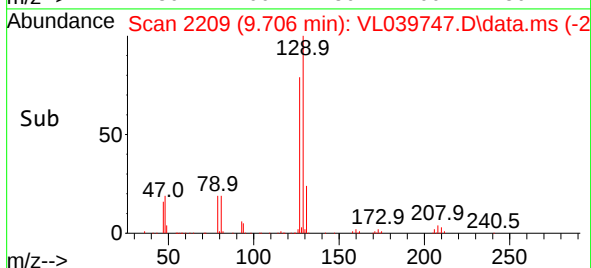
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

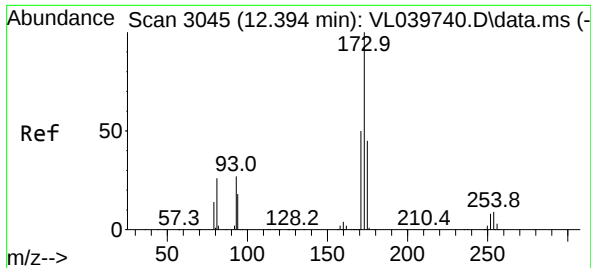


#48
Dibromochloromethane
Concen: 10.216 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



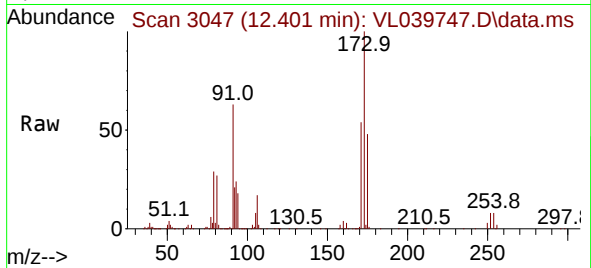
Tgt Ion:129 Resp: 1395647
Ion Ratio Lower Upper
129 100
127 79.0 38.9 116.6





#49
Bromoform
Concen: 10.199 ppbv
RT: 12.401 min Scan# 3045
Delta R.T. 0.007 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

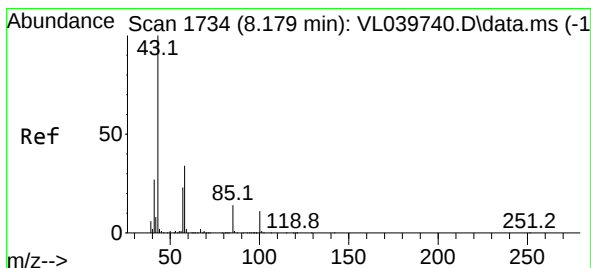
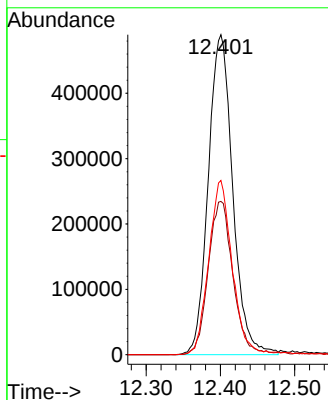
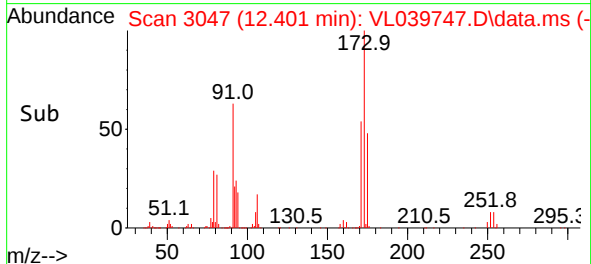
Instrument : MSVOA_L
ClientSampleId : ICVVL102122



Tgt Ion:173 Resp: 112159
Ion Ratio Lower Upper
173 100
175 48.9 39.4 59.0
171 53.1 41.6 62.4

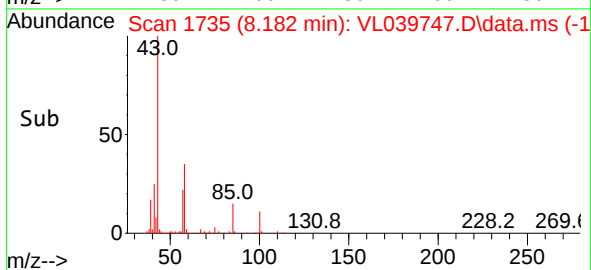
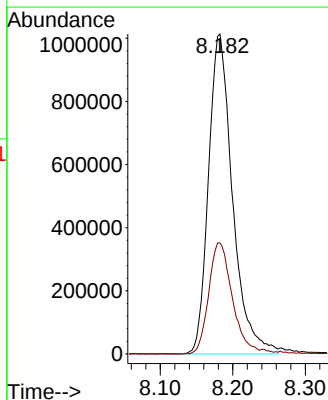
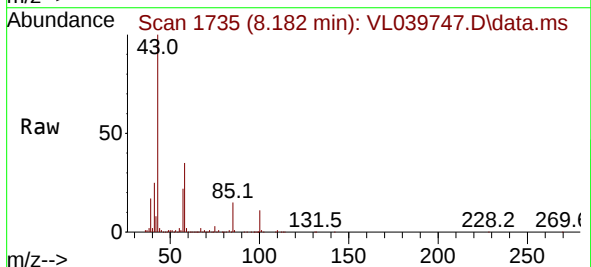
Manual Integrations
APPROVED

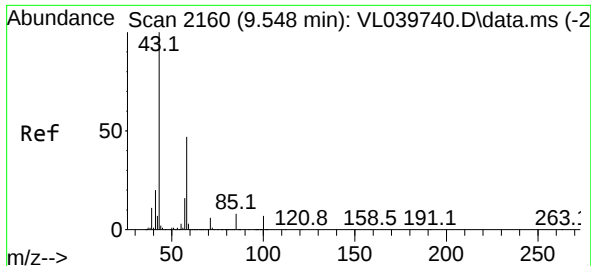
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#50
4-Methyl-2-Pentanone
Concen: 10.783 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

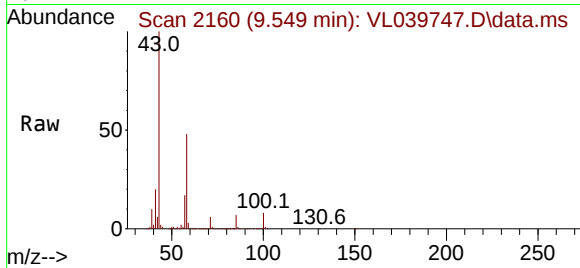
Tgt Ion: 43 Resp: 2335769
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0





#51
2-Hexanone
Concen: 11.474 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

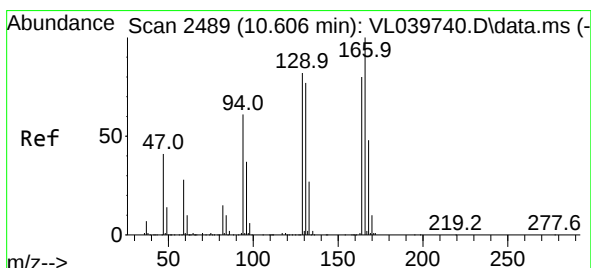
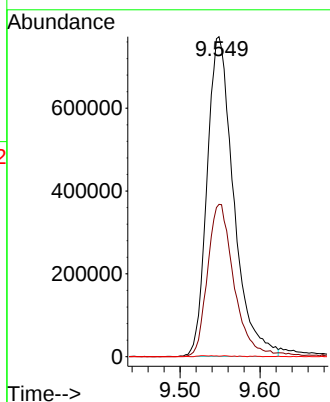
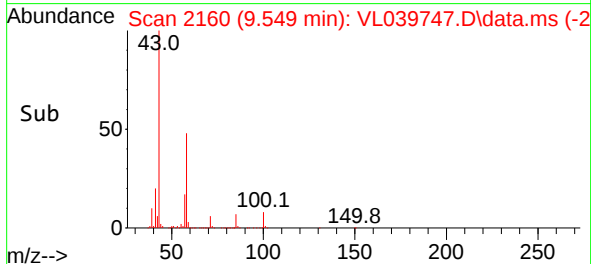
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



Tgt Ion: 43 Resp: 178144
Ion Ratio Lower Upper
43 100
58 48.1 37.6 56.4
98 0.3 0.6 0.8

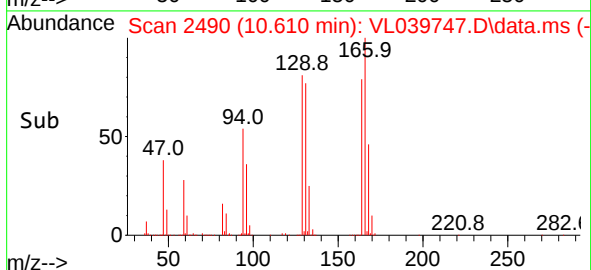
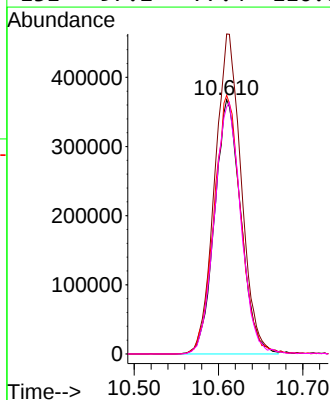
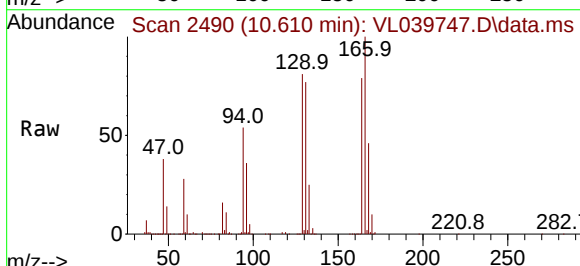
Manual Integrations
APPROVED

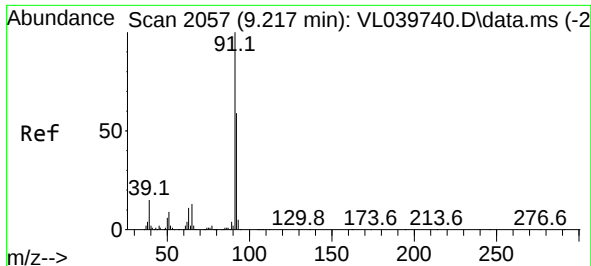
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#52
Tetrachloroethene
Concen: 10.132 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

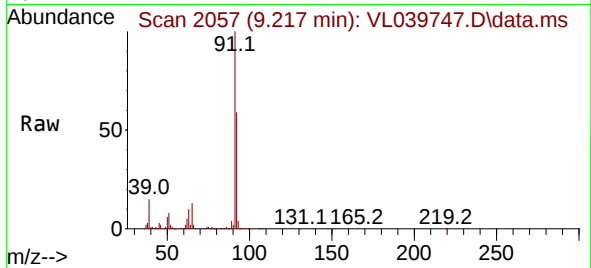
Tgt Ion:164 Resp: 794969
Ion Ratio Lower Upper
164 100
166 125.8 100.0 150.0
129 101.7 82.1 123.1
131 97.2 77.4 116.0





#53
Toluene
Concen: 10.727 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

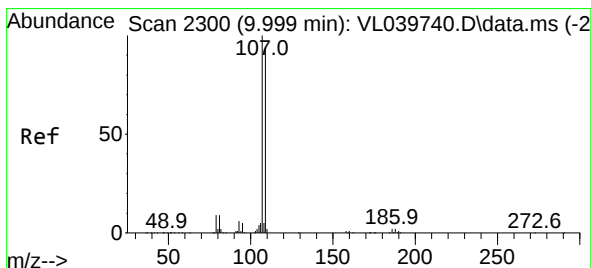
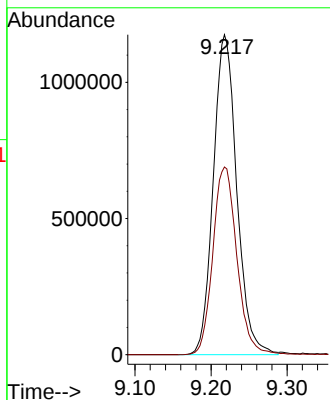
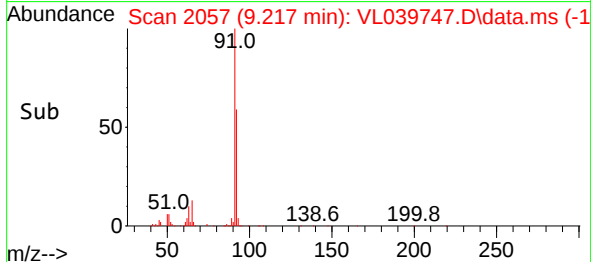
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



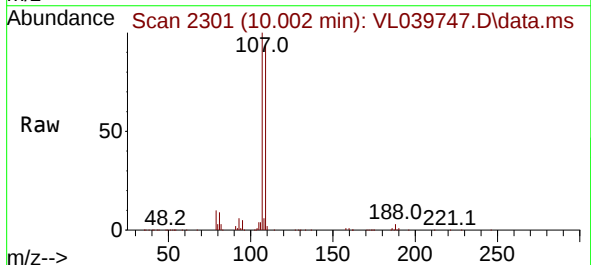
Tgt Ion: 91 Resp: 2517578
Ion Ratio Lower Upper
91 100
92 60.2 47.7 71.5

Manual Integrations
APPROVED

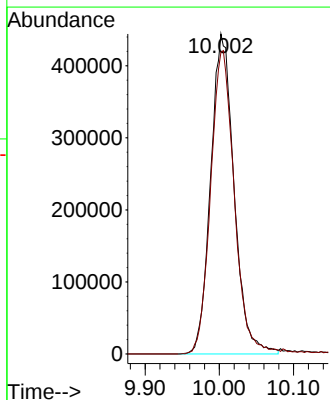
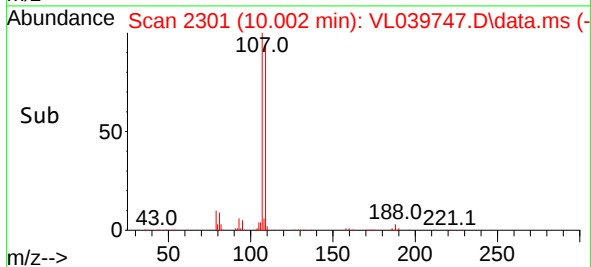
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

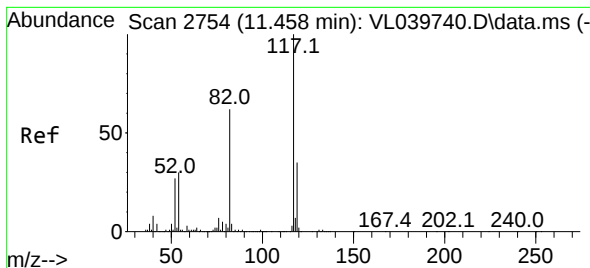


#54
1,2-Dibromoethane
Concen: 10.690 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



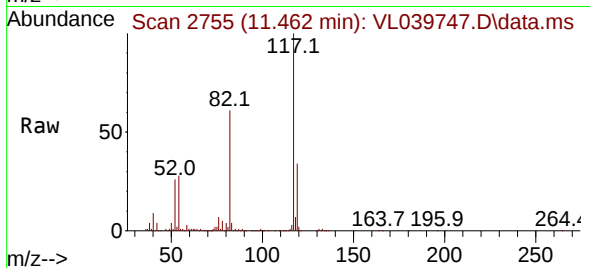
Tgt Ion:107 Resp: 973455
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.462 min Scan# 2755
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

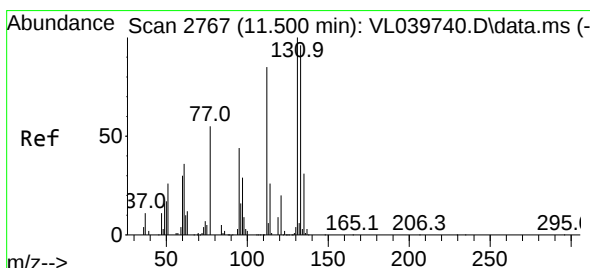
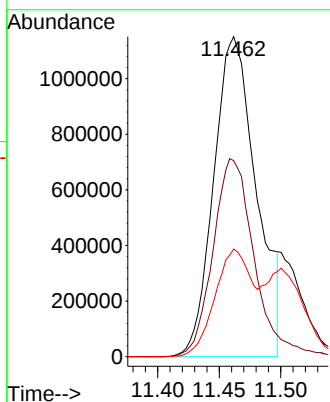
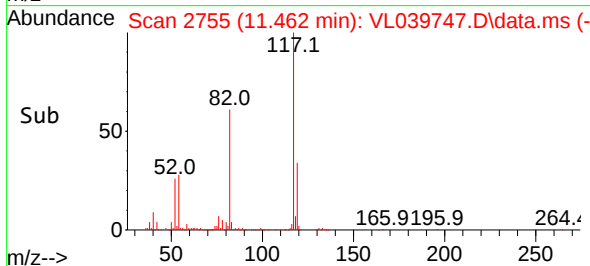
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



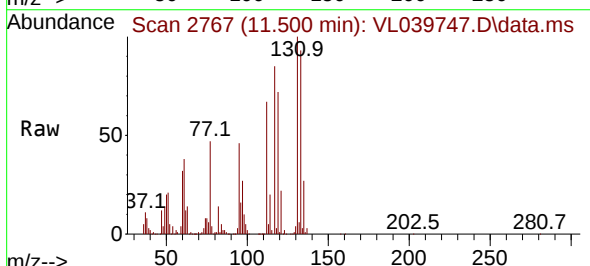
Tgt Ion:117 Resp: 277079
Ion Ratio Lower Upper
117 100
82 60.7 51.4 77.0
119 29.0 24.6 36.8

Manual Integrations
APPROVED

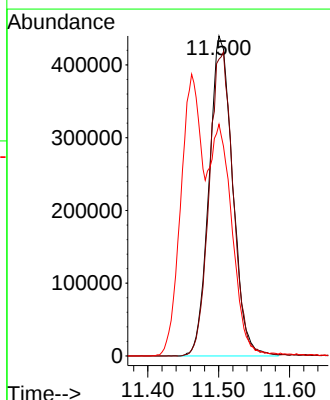
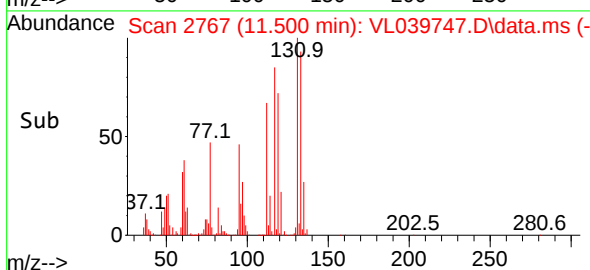
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

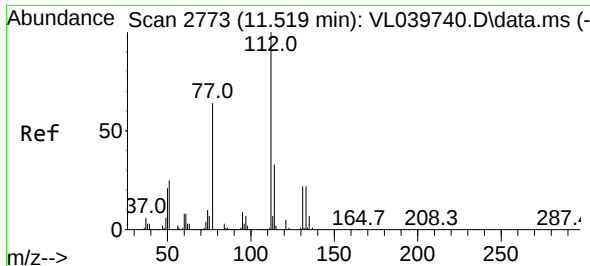


#56
1,1,1,2-Tetrachloroethane
Concen: 9.034 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



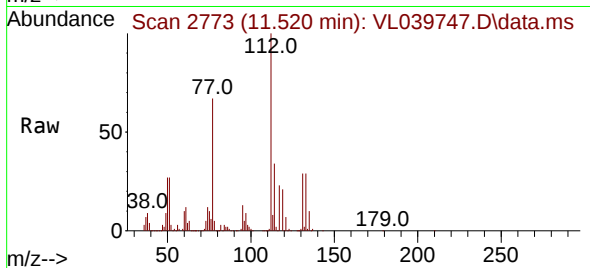
Tgt Ion:131 Resp: 1015931
Ion Ratio Lower Upper
131 100
133 97.1 77.2 115.8
119 66.1 55.5 83.3





#57
Chlorobenzene
Concen: 8.981 ppbv
RT: 11.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

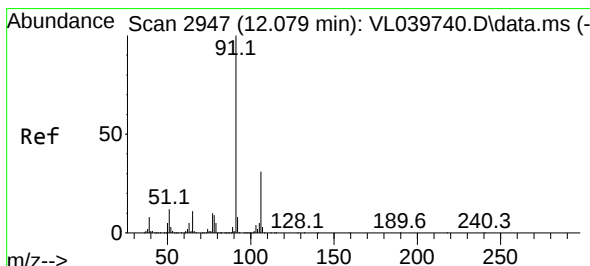
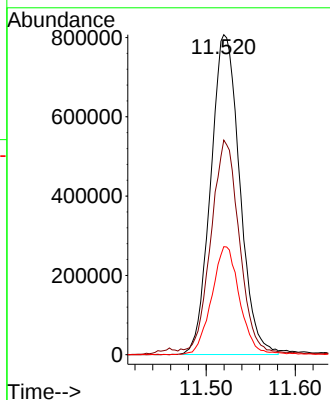
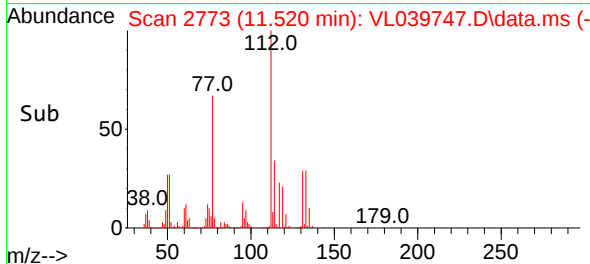
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



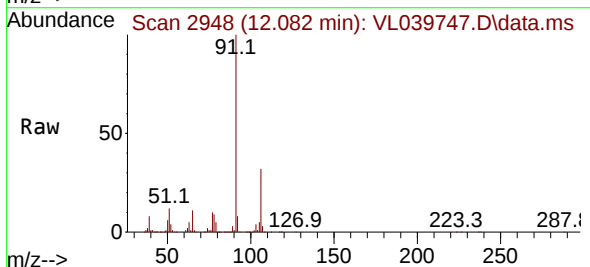
Tgt Ion:112 Resp: 182578
Ion Ratio Lower Upper
112 100
77 66.2 51.4 77.2
114 33.6 30.0 36.6

Manual Integrations
APPROVED

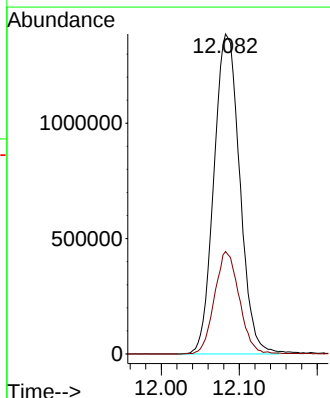
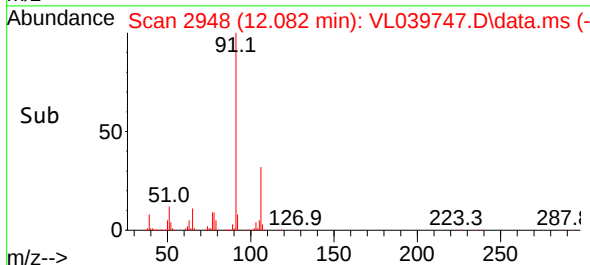
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

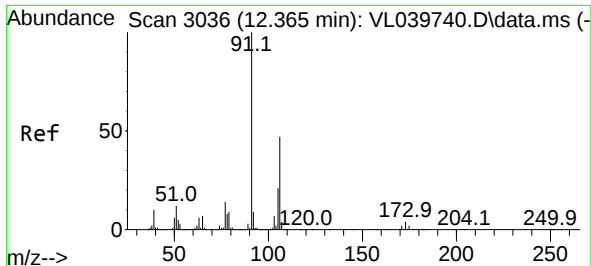


#58
Ethyl Benzene
Concen: 9.979 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



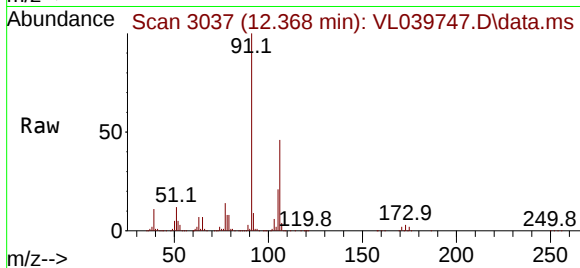
Tgt Ion: 91 Resp: 3193520
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8





#59
m/p-Xylene
Concen: 18.971 ppbv m
RT: 12.368 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

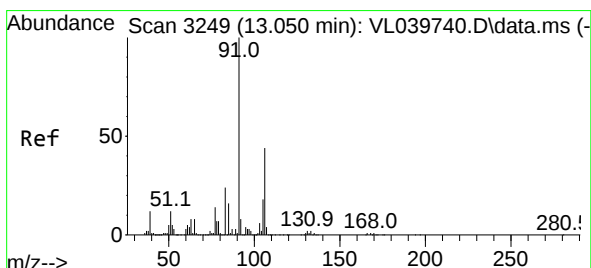
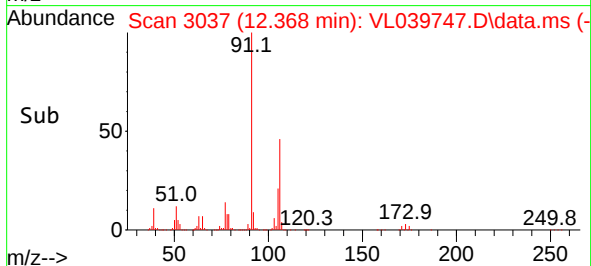
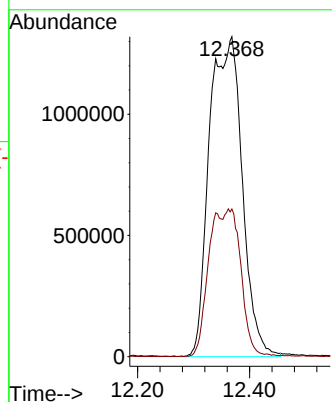
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



Tgt Ion: 91 Resp: 5365920
Ion Ratio Lower Upper
91 100
106 45.1 36.2 54.4

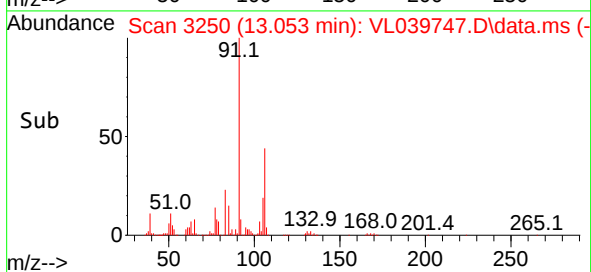
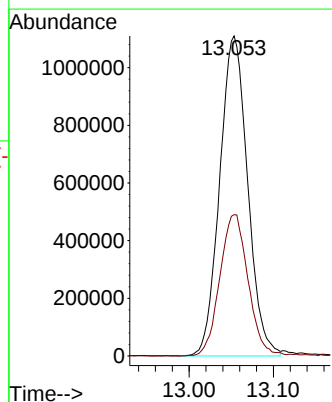
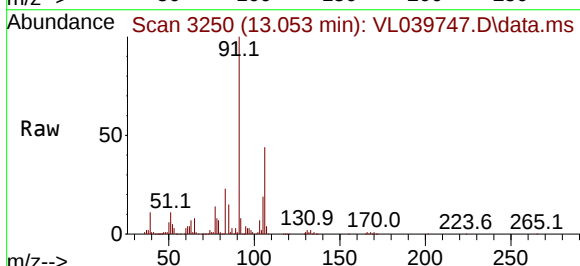
Manual Integrations
APPROVED

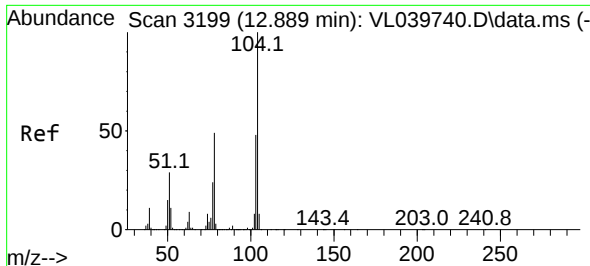
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#60
o-Xylene
Concen: 9.433 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

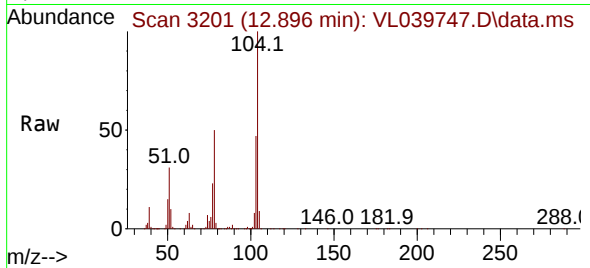
Tgt Ion: 91 Resp: 2552418
Ion Ratio Lower Upper
91 100
106 45.0 22.4 67.0





#61
Styrene
Concen: 10.820 ppbv
RT: 12.896 min Scan# 3199
Delta R.T. 0.007 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

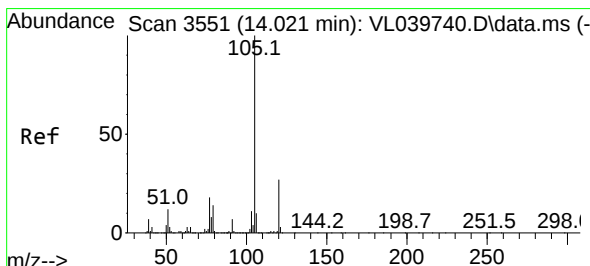
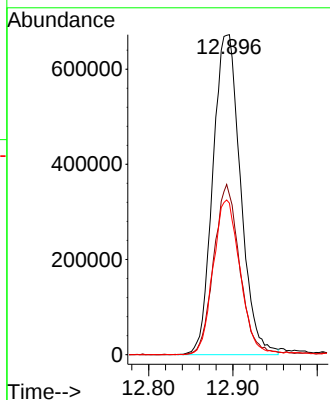
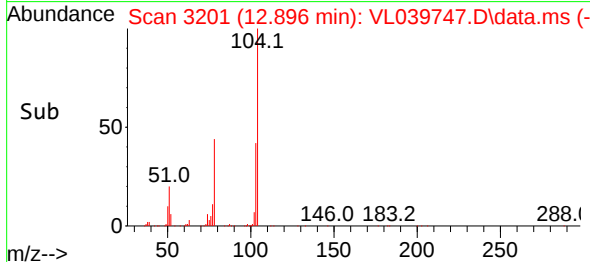
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



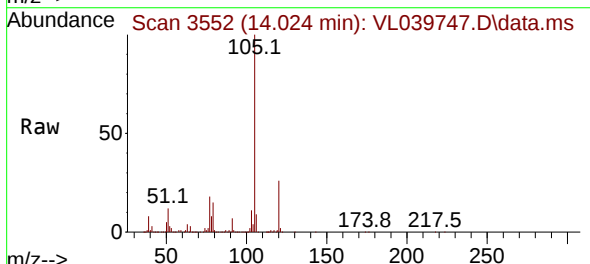
Tgt Ion:104 Resp: 153176
Ion Ratio Lower Upper
104 100
78 50.4 39.6 59.4
103 47.8 38.1 57.1

Manual Integrations
APPROVED

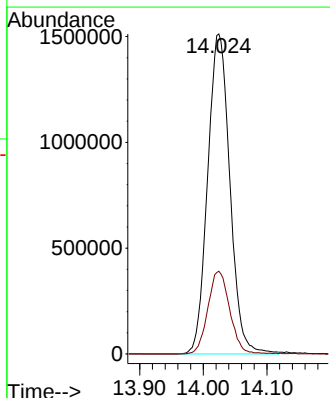
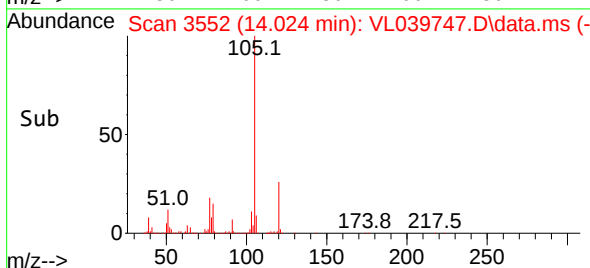
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

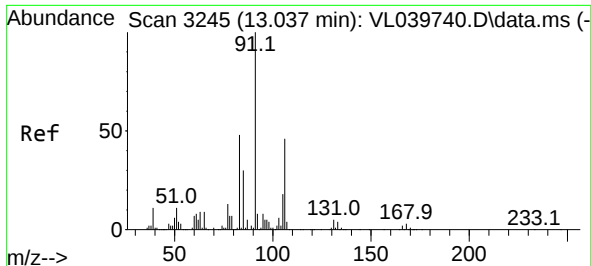


#62
Isopropylbenzene
Concen: 9.113 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



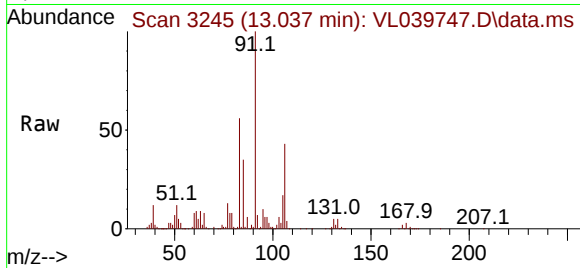
Tgt Ion:105 Resp: 3672627
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 8.435 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

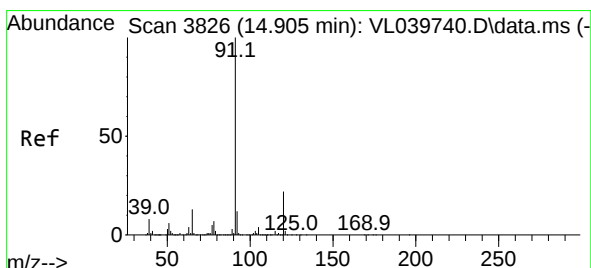
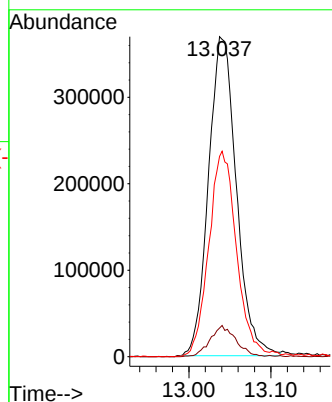
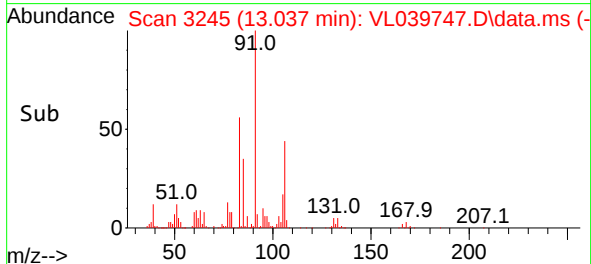
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



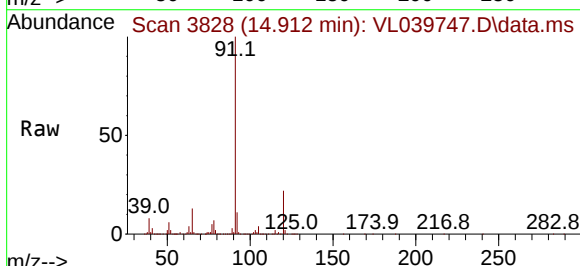
Tgt Ion: 83 Resp: 872209
Ion Ratio Lower Upper
83 100
131 9.1 4.9 14.7
85 65.2 32.8 98.4

Manual Integrations
APPROVED

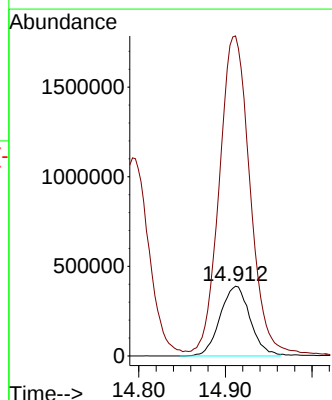
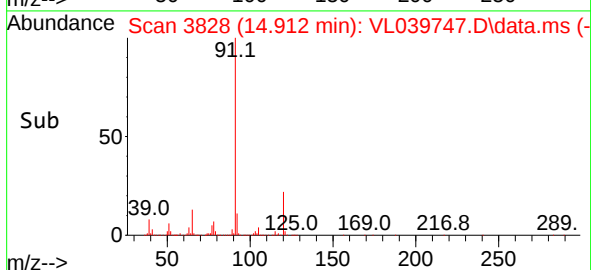
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

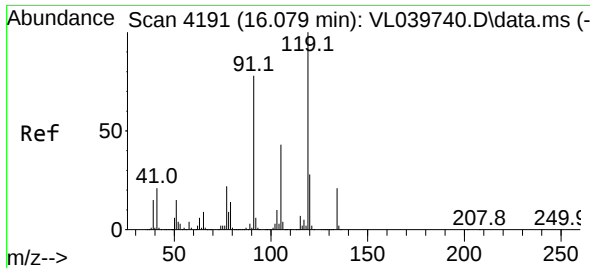


#64
n-propylbenzene
Concen: 9.227 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.007 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



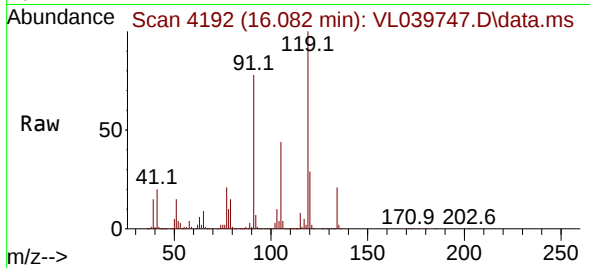
Tgt Ion:120 Resp: 934226
Ion Ratio Lower Upper
120 100
91 477.2 376.2 564.2





#65
tert-Butylbenzene
Concen: 8.876 ppbv
RT: 16.082 min Scan# 4191
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

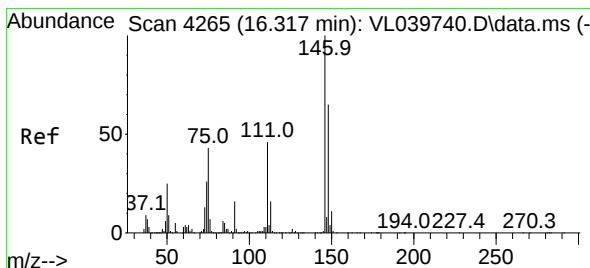
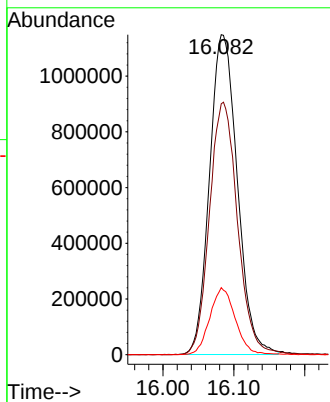
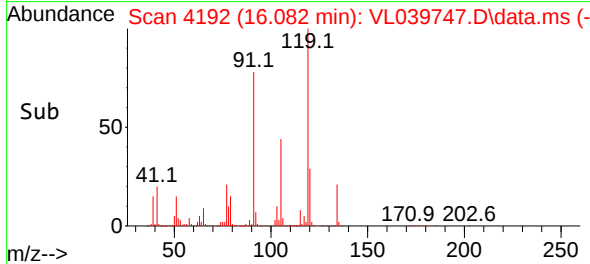
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



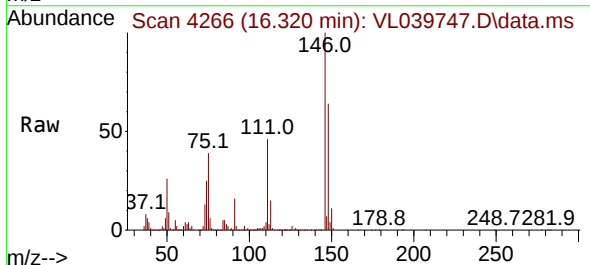
Tgt Ion:119 Resp: 3133830
Ion Ratio Lower Upper
119 100
91 79.8 64.2 96.2
134 19.3 15.5 23.3

Manual Integrations
APPROVED

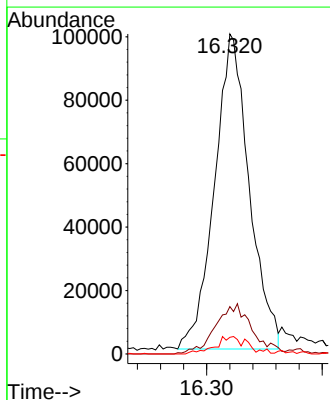
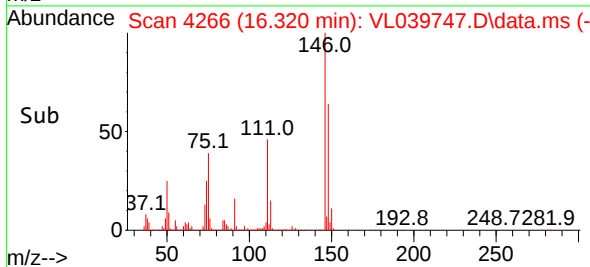
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

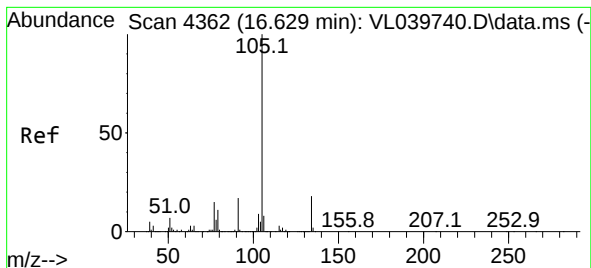


#66
Benzyl Chloride
Concen: 8.410 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



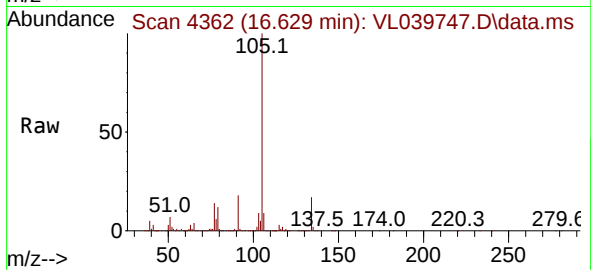
Tgt Ion: 91 Resp: 207466
Ion Ratio Lower Upper
91 100
126 17.5 12.6 18.8
128 5.7 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 8.917 ppbv
 RT: 16.629 min Scan# 4362
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

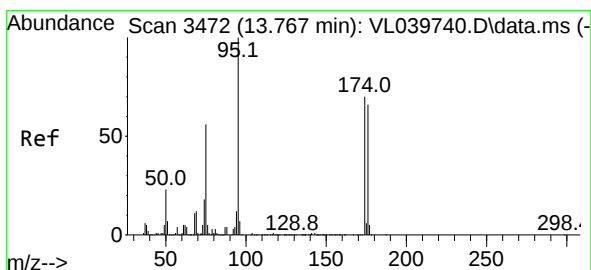
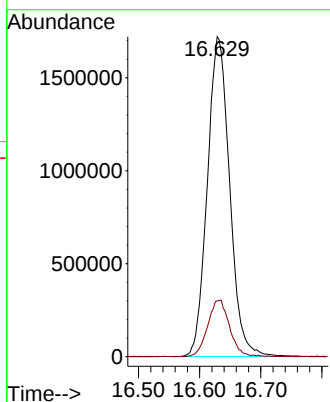
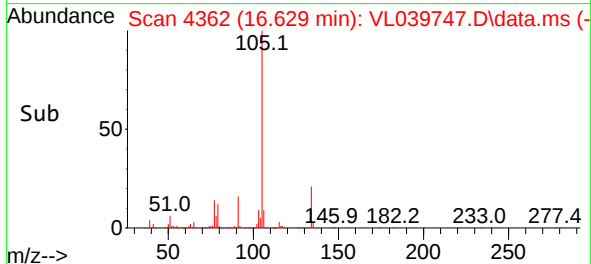
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122



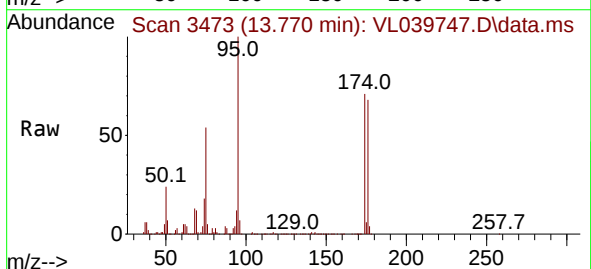
Tgt Ion:105 Resp: 4355589
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.2 21.4

Manual Integrations
 APPROVED

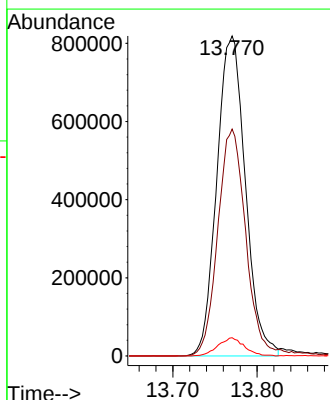
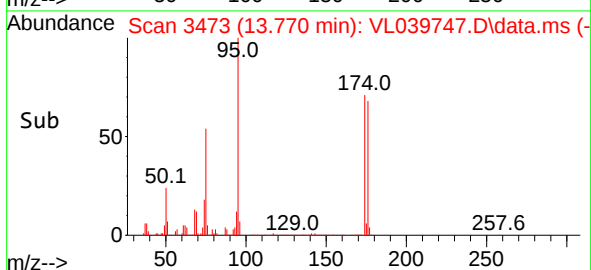
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

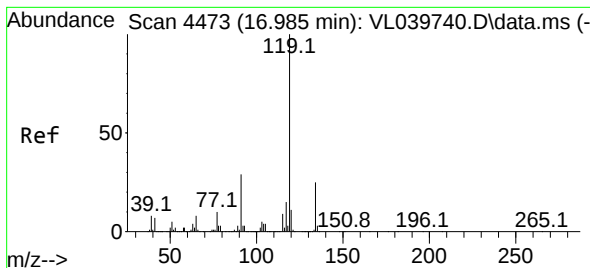


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.790 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01



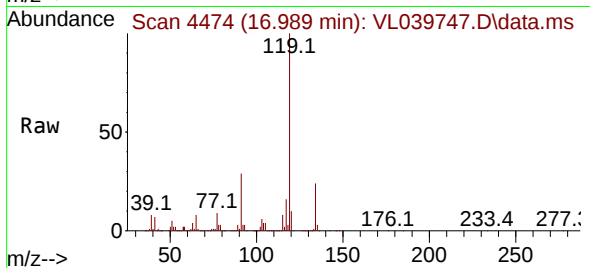
Tgt Ion: 95 Resp: 1925691
 Ion Ratio Lower Upper
 95 100
 174 70.9 56.5 84.7
 175 5.3 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.080 ppbv
RT: 16.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

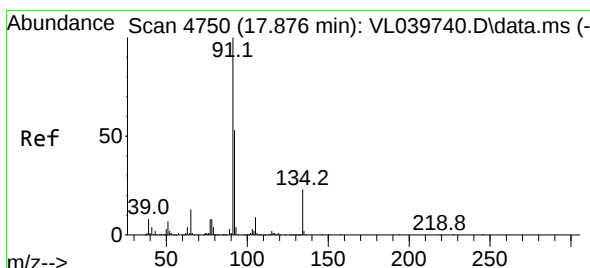
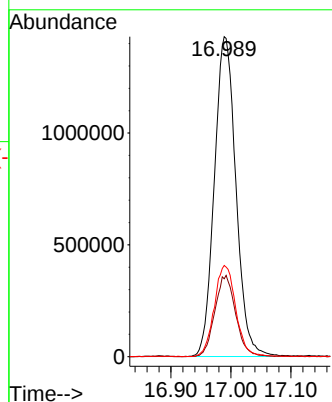
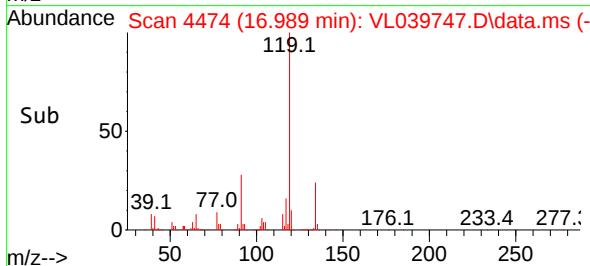
Instrument : MSVOA_L
ClientSampleId : ICVVL102122



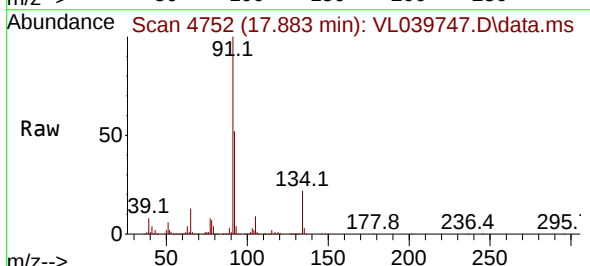
Tgt Ion: 119 Resp: 3574278
Ion Ratio Lower Upper
119 100
134 24.6 19.8 29.8
91 28.1 22.7 34.1

Manual Integrations
APPROVED

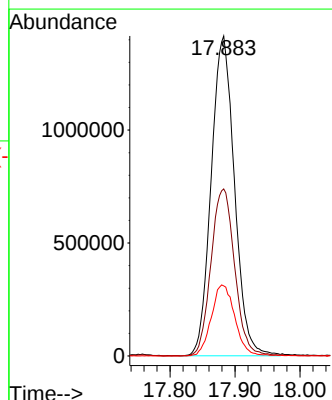
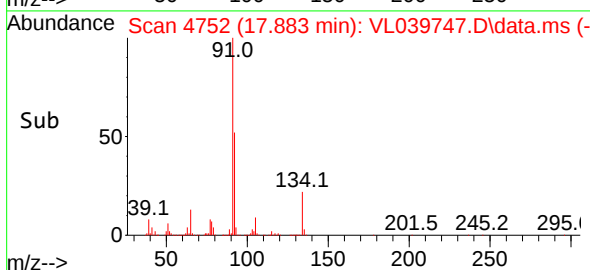
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

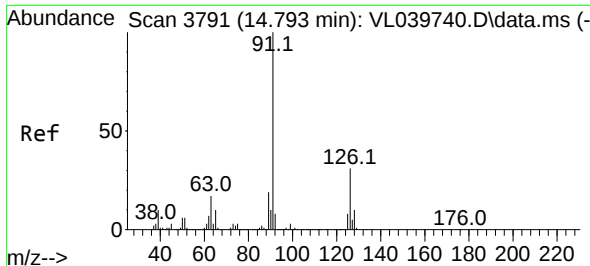


#70
n-Butylbenzene
Concen: 9.292 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.007 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



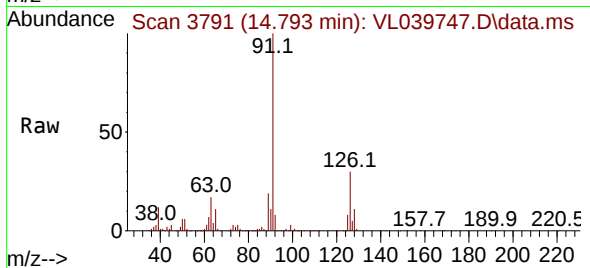
Tgt Ion: 91 Resp: 3520258
Ion Ratio Lower Upper
91 100
92 53.4 43.3 64.9
134 22.6 18.4 27.6





#71
2-Chlorotoluene
Concen: 9.160 ppbv
RT: 14.793 min Scan# 3791
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

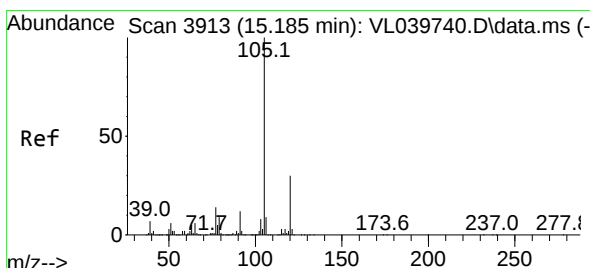
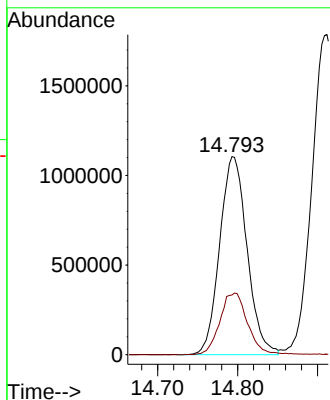
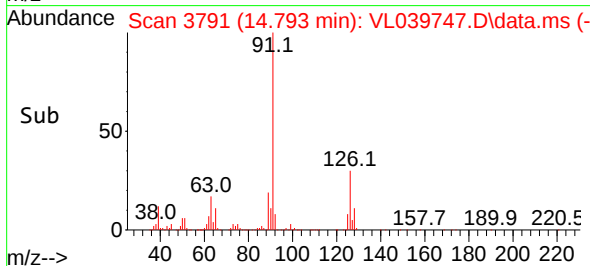
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



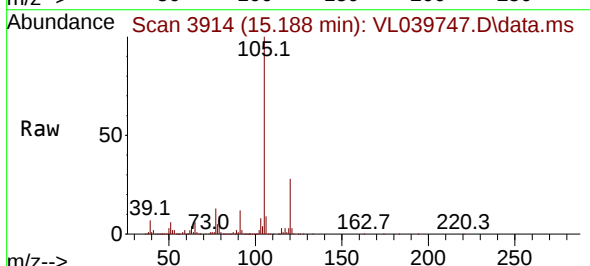
Tgt Ion: 91 Resp: 262699
Ion Ratio Lower Upper
91 100
126 31.8 12.7 50.7

Manual Integrations
APPROVED

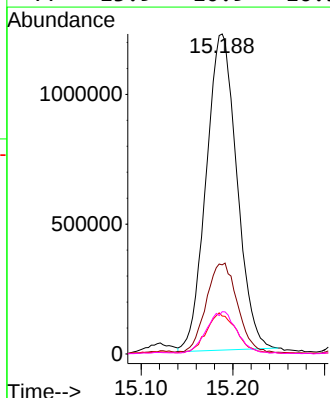
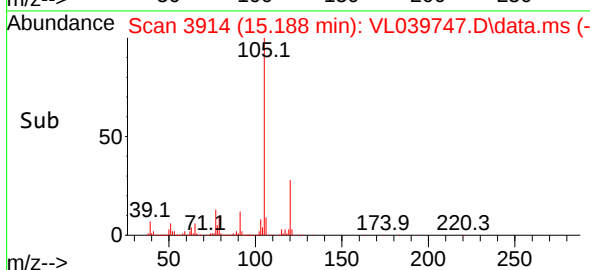
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

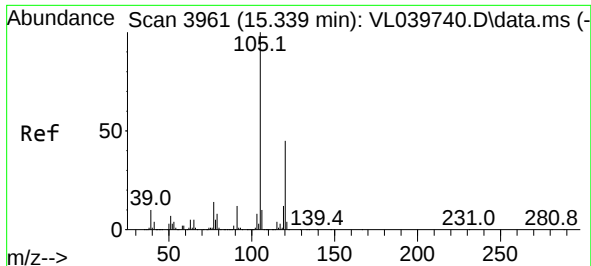


#72
4-Ethyltoluene
Concen: 9.386 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



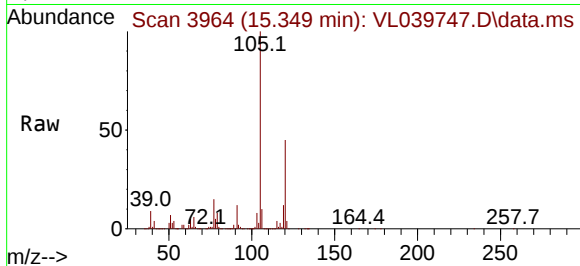
Tgt Ion:105 Resp: 2834369
Ion Ratio Lower Upper
105 100
120 30.9 23.9 35.9
91 13.5 10.3 15.5
77 13.9 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 9.009 ppbv
RT: 15.349 min Scan# 3961
Delta R.T. 0.010 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

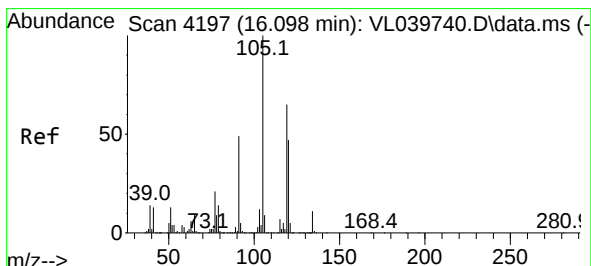
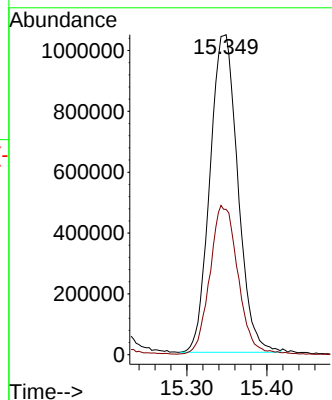
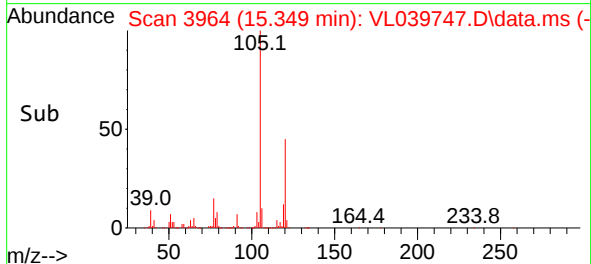
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



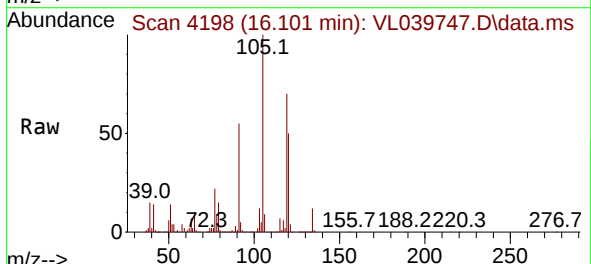
Tgt Ion:105 Resp: 253276
Ion Ratio Lower Upper
105 100
120 45.5 35.6 53.4

Manual Integrations
APPROVED

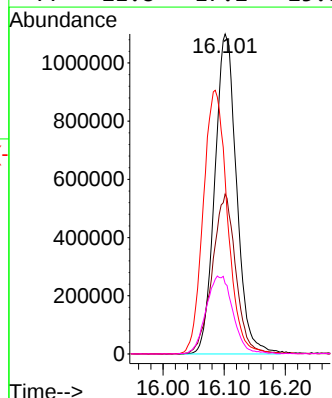
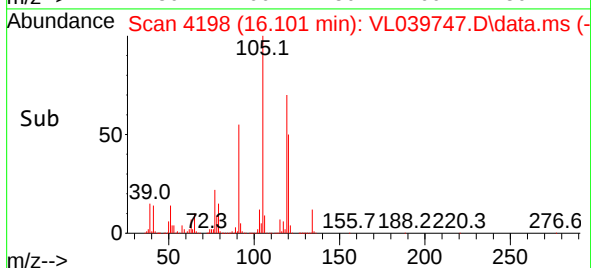
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

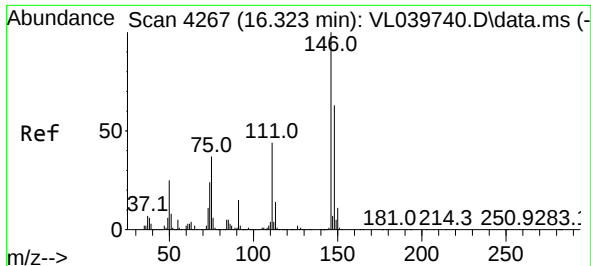


#74
1,2,4-Trimethylbenzene
Concen: 8.844 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



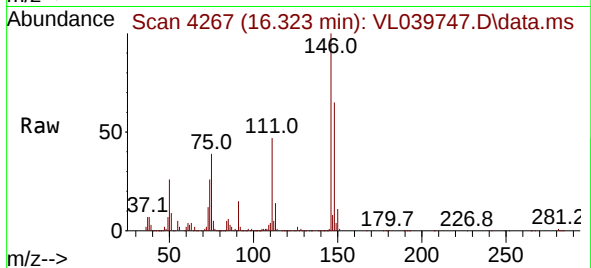
Tgt Ion:105 Resp: 2731329
Ion Ratio Lower Upper
105 100
120 50.0 37.6 56.4
91 54.6 40.1 60.1
77 21.8 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 8.430 ppbv
RT: 16.323 min Scan# 4313
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

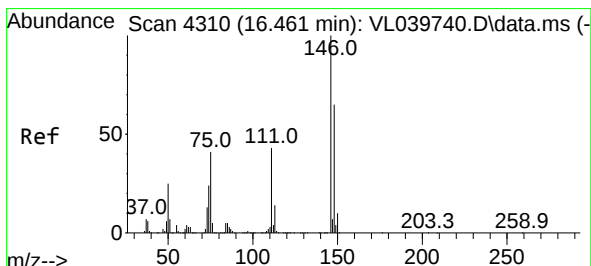
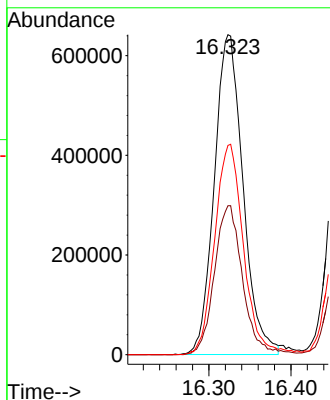
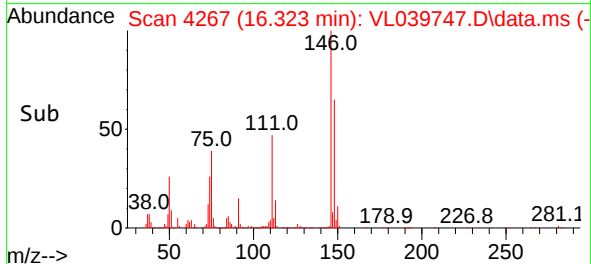
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



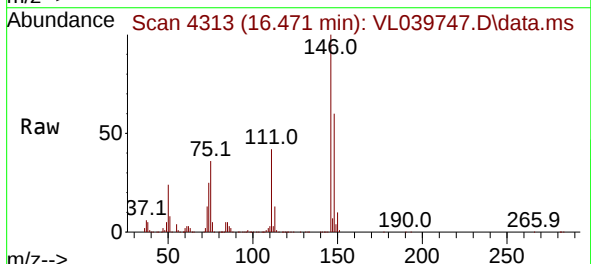
Tgt Ion:146 Resp: 155904
Ion Ratio Lower Upper
146 100
111 45.9 22.8 68.3
148 66.3 32.6 97.7

Manual Integrations
APPROVED

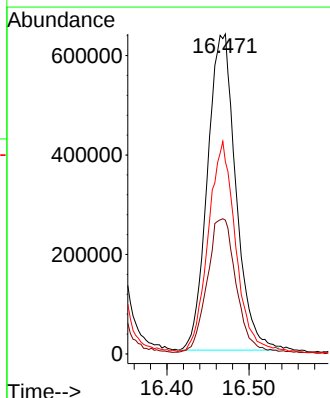
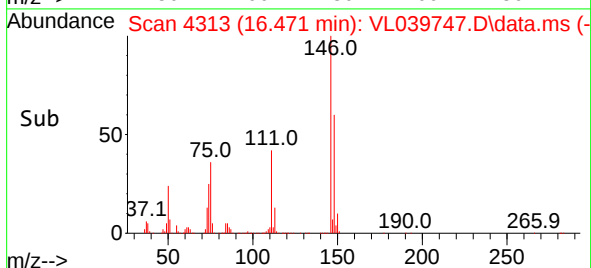
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

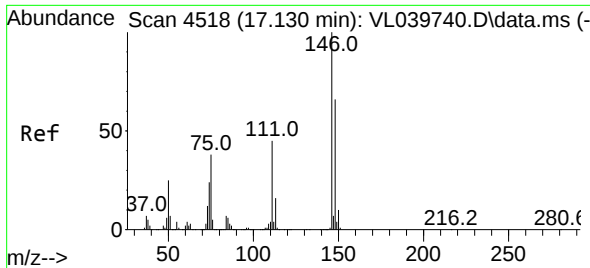


#76
1,4-Dichlorobenzene
Concen: 8.495 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.010 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



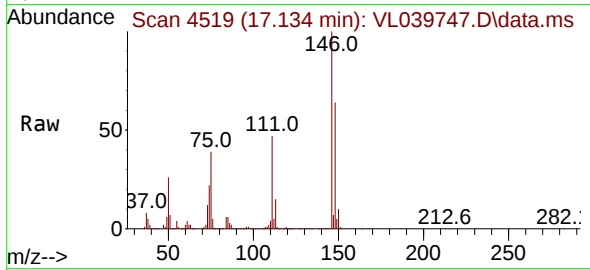
Tgt Ion:146 Resp: 1534820
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.5
148 67.0 33.2 99.6





#77
1,2-Dichlorobenzene
Concen: 8.341 ppbv
RT: 17.134 min Scan# 4518
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

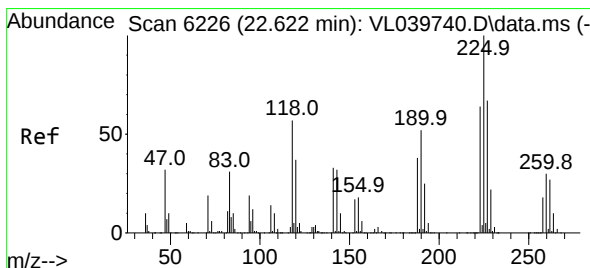
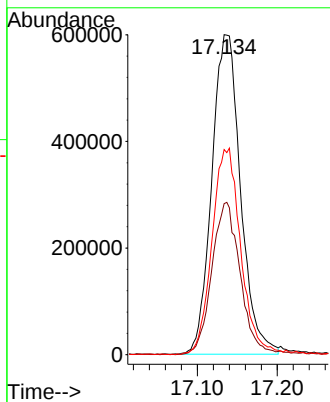
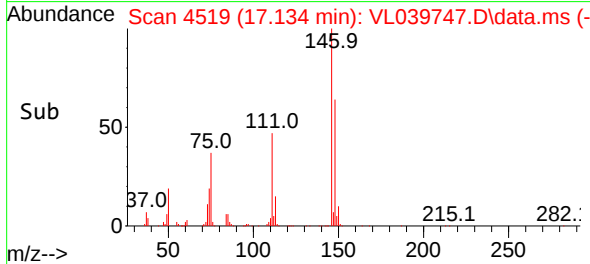
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



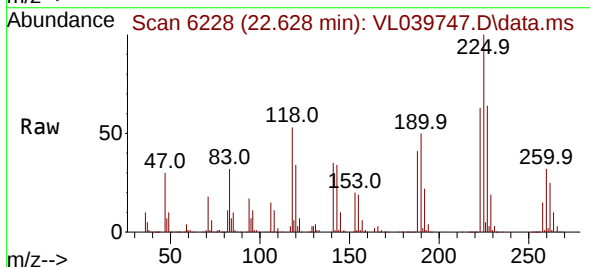
Tgt Ion:146 Resp: 149924
Ion Ratio Lower Upper
146 100
111 47.8 23.6 70.8
148 64.9 32.8 98.3

Manual Integrations
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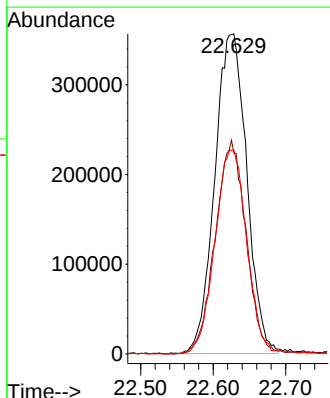
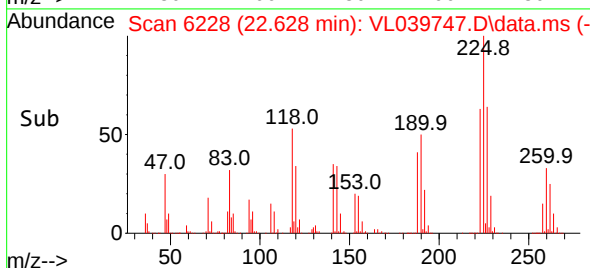
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

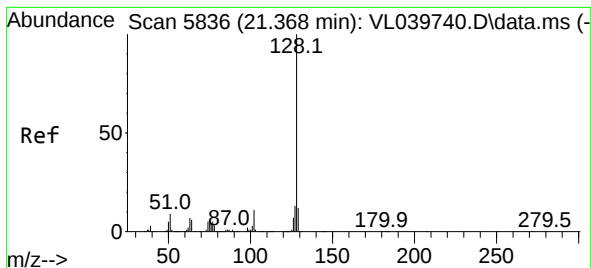


#78
Hexachloro-1,3-Butadiene
Concen: 8.406 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.007 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



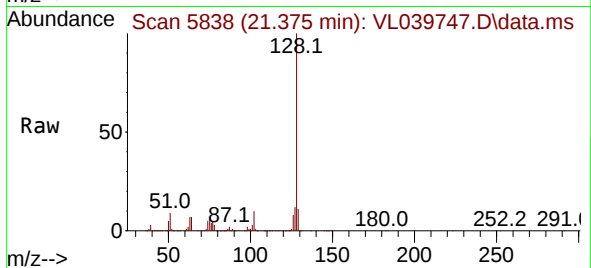
Tgt Ion:225 Resp: 1091836
Ion Ratio Lower Upper
225 100
223 64.4 52.4 78.6
227 64.1 52.7 79.1





#79
Naphthalene
Concen: 12.401 ppbv
RT: 21.375 min Scan# 5838
Delta R.T. 0.007 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

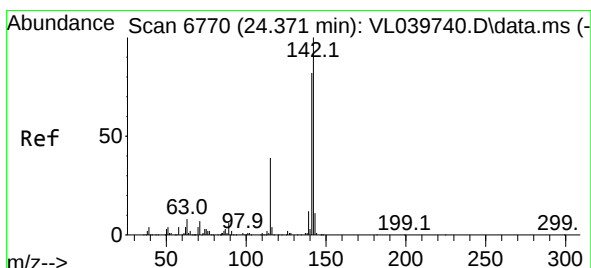
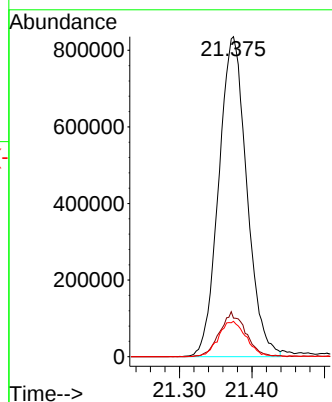
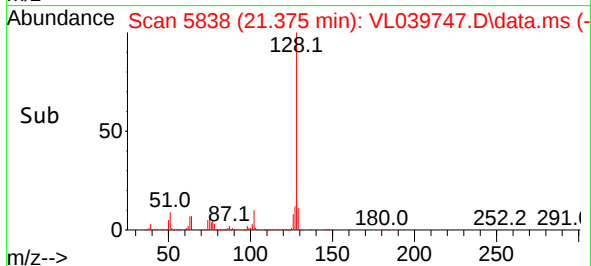
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



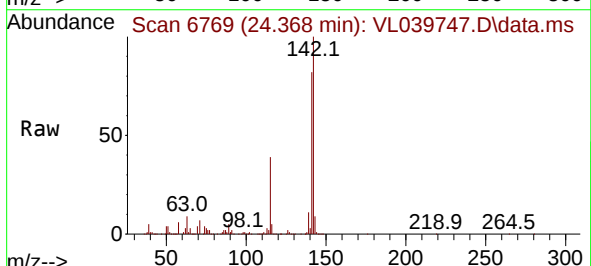
Tgt Ion:128 Resp: 224203
Ion Ratio Lower Upper
128 100
127 12.0 10.8 16.2
129 11.0 9.4 14.0

Manual Integrations
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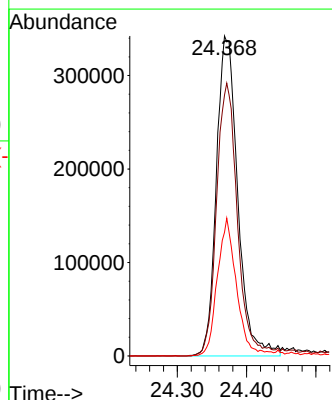
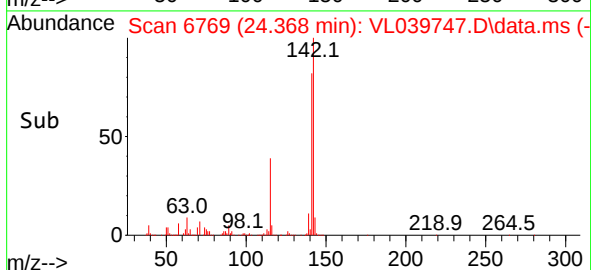
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

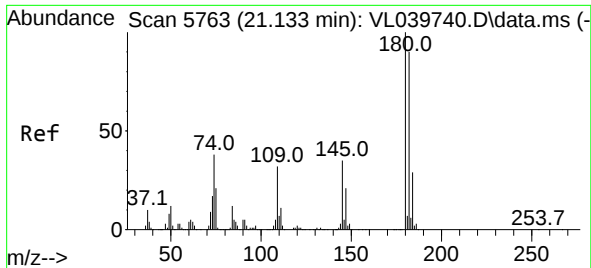


#80
Naphthalene,2-methyl-
Concen: 13.613 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01



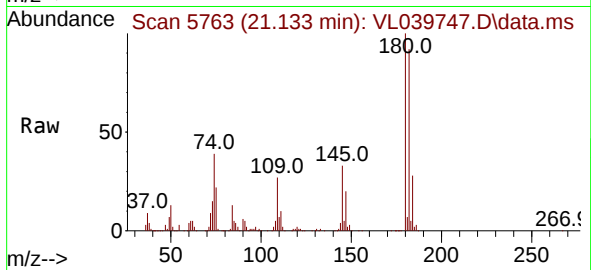
Tgt Ion:142 Resp: 734993
Ion Ratio Lower Upper
142 100
141 85.5 70.0 105.0
115 41.0 32.5 48.7





#81
1,2,4-Trichlorobenzene
Concen: 10.293 ppbv
RT: 21.133 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122



Tgt Ion:180 Resp: 1246800
Ion Ratio Lower Upper
180 100
182 97.3 0.0 0.0
184 31.2 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

