

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039789.D
 Acq On : 25 Oct 2022 15:50
 Operator : SY/AP
 Sample : VL1025ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/28/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 25 16:20:27 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

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

QLast Update : Mon Oct 24 20:00:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	939800	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2446831	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2403295m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 1664906 9.738 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	991403	10.075	ppbv	97
3) Chlorodifluoromethane	2.697	51	1118593	9.908	ppbv	99
4) Chloromethane	2.835	50	698184	9.879	ppbv	99
5) Vinyl Chloride	2.944	62	597329	10.190	ppbv	97
6) Bromomethane	3.140	94	209771	9.961	ppbv	95
7) Chloroethane	3.218	64	214630	10.196	ppbv	95
8) Dichlorotetrafluoroethane	2.880	85	1346693	10.483	ppbv	98
9) Propene	2.716	41	514583	10.609	ppbv	92
10) Heptane	7.584	43	1290758	11.115	ppbv	100
11) Trichlorofluoromethane	3.581	101	1395203	10.148	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.083	101	1063862	9.978	ppbv	100
13) Ethanol	3.263	45	42460m	12.188	ppbv	
14) Bromoethene	3.388	108	432774	10.228	ppbv	98
15) Acetone	3.488	43	1014850	9.041	ppbv	98
16) 1,3-Butadiene	3.009	39	569321	10.261	ppbv	98
17) tert-Butyl alcohol	3.893	59	936946	10.234	ppbv	97
18) 1,1-Dichloroethene	3.899	96	453412	9.664	ppbv	96
19) Isopropyl Alcohol	3.594	45	587933	11.179	ppbv #	98
20) Methylene Chloride	3.951	84	395761	9.267	ppbv	94
21) Allyl Chloride	4.012	41	745304	10.258	ppbv	100
22) trans-1,2-Dichloroethene	4.462	96	474963	9.745	ppbv	97
23) Vinyl Acetate	4.642	43	441449	10.202	ppbv	99
24) 1,1-Dichloroethane	4.578	63	1013829	10.061	ppbv	98
25) Ethyl Acetate	5.218	43	2319905	10.571	ppbv	99
26) Hexane	5.227	57	947782	10.386	ppbv	98
27) Carbon Disulfide	4.140	76	1210721	11.177	ppbv	96
28) Methyl tert-Butyl Ether	4.600	73	782790	9.860	ppbv	100
29) Chloroform	5.288	83	1417131	9.878	ppbv	99
30) Cyclohexane	6.610	84	784584	10.493	ppbv	98
31) cis-1,2-Dichloroethene	5.092	61	907970	10.308	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	1394334	10.709	ppbv	100
34) 2-Butanone	4.800	43	1207941	10.494	ppbv	100
35) Carbon Tetrachloride	6.504	117	1500588	10.757	ppbv	98
36) Benzene	6.378	78	1988366	10.552	ppbv	99
37) 1,2-Dichloroethane	5.819	62	1070288	10.458	ppbv	99
38) Trichloroethene	7.298	130	1170752	11.006	ppbv	95
39) 1,2-Dichloropropane	7.079	63	759971	10.469	ppbv	95
40) 1,4-Dioxane	7.295	88	309445	12.506	ppbv #	100
41) Tetrahydrofuran	5.571	42	800006	11.186	ppbv	99
42) Bromodichloromethane	7.256	83	1548687	10.746	ppbv	100
43) Methyl Methacrylate	7.481	69	778100	11.858	ppbv	98
44) 2,2,4-Trimethylpentane	7.333	57	3387617	10.753	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	702769	12.606	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039789.D
 Acq On : 25 Oct 2022 15:50
 Operator : SY/AP
 Sample : VL1025ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/28/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 25 16:20:27 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

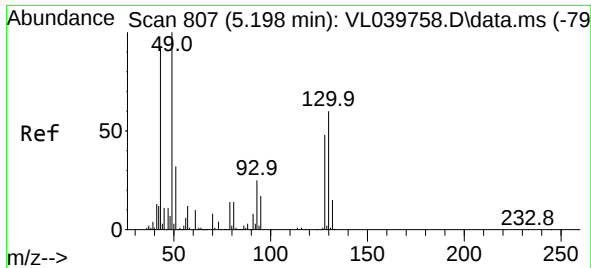
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Oct 24 20:00:55 2022

Response via : Initial Calibration

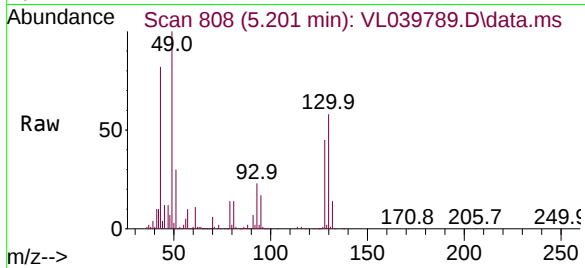
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	987859	12.348	ppbv	97
47) 1,1,2-Trichloroethane	8.902	97	801470	10.311	ppbv	97
48) Dibromochloromethane	9.713	129	1338659	10.698	ppbv	100
49) Bromoform	12.407	173	1069640	10.495	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	2126194	11.772	ppbv	100
51) 2-Hexanone	9.555	43	1641498	12.415	ppbv #	99
52) Tetrachloroethene	10.616	164	734332	10.403	ppbv	97
53) Toluene	9.224	91	2302549	11.663	ppbv	99
54) 1,2-Dibromoethane	10.012	107	904741	11.466	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.510	131	970929	9.548	ppbv	96
57) Chlorobenzene	11.529	112	1726853	9.367	ppbv	98
58) Ethyl Benzene	12.092	91	2960289	10.812	ppbv	100
59) m/p-Xylene	12.375	91	5043723m	20.410	ppbv	
60) o-Xylene	13.060	91	2391553	10.321	ppbv	99
61) Styrene	12.899	104	1407229	11.564	ppbv	100
62) Isopropylbenzene	14.034	105	3464532	9.787	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	819429	8.408	ppbv	99
64) n-propylbenzene	14.921	120	880046	9.817	ppbv	97
65) tert-Butylbenzene	16.092	119	2944441	9.545	ppbv	99
66) Benzyl Chloride	16.330	91	199330	9.109	ppbv	98
67) sec-Butylbenzene	16.635	105	4129958	9.505	ppbv	99
69) p-Isopropyltoluene	16.995	119	3413835	9.713	ppbv	99
70) n-Butylbenzene	17.886	91	3350445	9.969	ppbv	99
71) 2-Chlorotoluene	14.802	91	2447560	9.955	ppbv	100
72) 4-Ethyltoluene	15.195	105	2721045	10.195	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	2412319	10.099	ppbv	94
74) 1,2,4-Trimethylbenzene	16.108	105	2581327	9.542	ppbv	98
75) 1,3-Dichlorobenzene	16.333	146	1498401	9.126	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1434092	9.158	ppbv	98
77) 1,2-Dichlorobenzene	17.140	146	1443168	9.218	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	1046309	8.769	ppbv	99
79) Naphthalene	21.378	128	2111883	12.766	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	665328	11.844	ppbv	97
81) 1,2,4-Trichlorobenzene	21.140	180	1187744	10.864	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

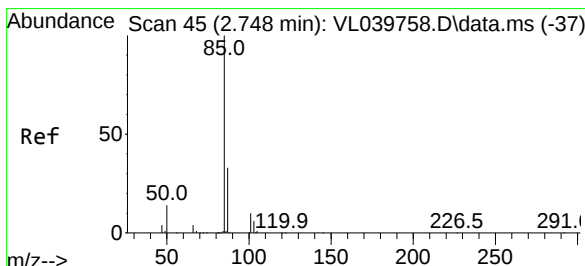
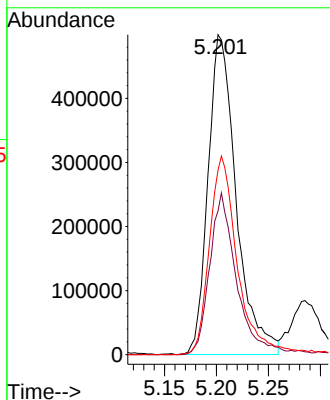
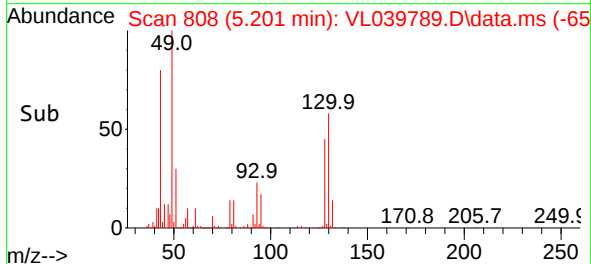
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



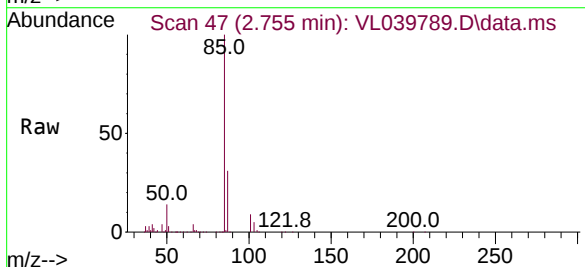
Tgt Ion: 49 Resp: 939800
Ion Ratio Lower Upper
49 100
128 49.7 24.6 74.0
130 63.2 31.8 95.3

Manual Integrations
APPROVED

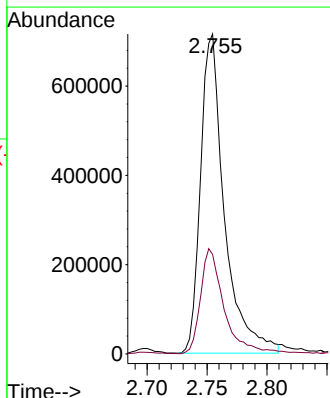
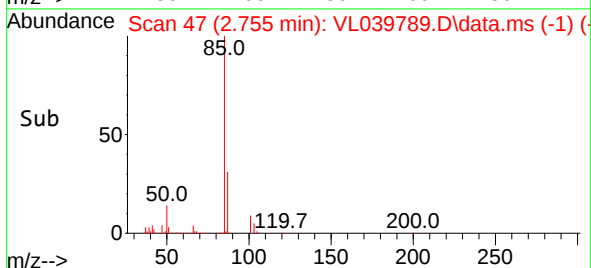
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

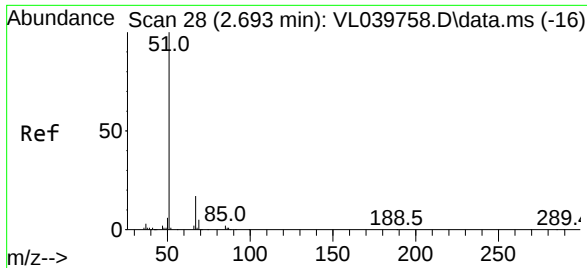


#2
Dichlorodifluoromethane
Concen: 10.075 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



Tgt Ion: 85 Resp: 991403
Ion Ratio Lower Upper
85 100
87 31.1 26.1 39.1





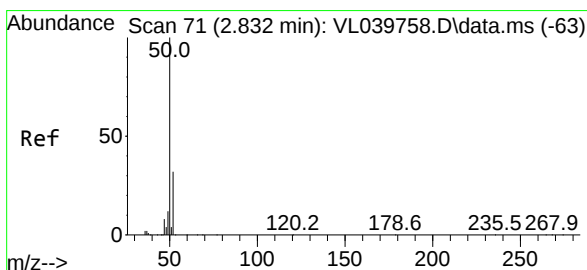
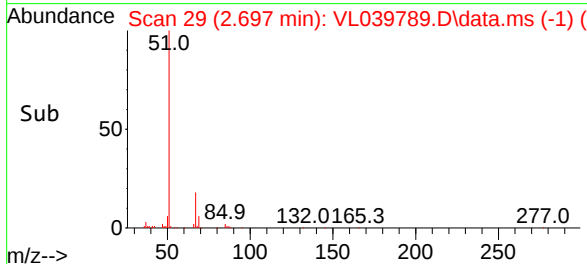
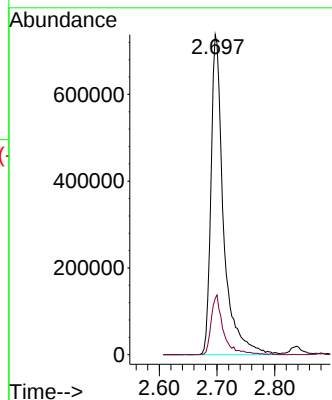
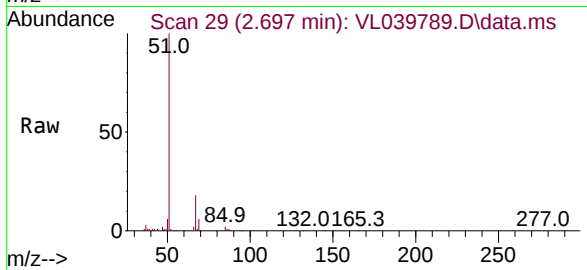
#3
Chlorodifluoromethane
Concen: 9.908 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion: 51 Resp: 111859
Ion Ratio Lower Upper
51 100
67 18.2 14.2 21.2

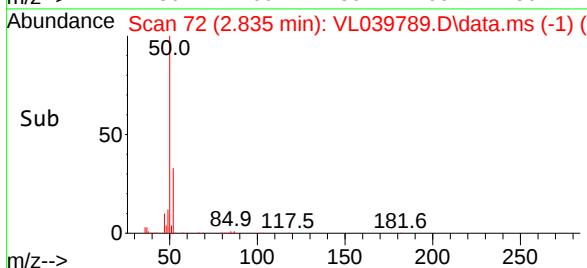
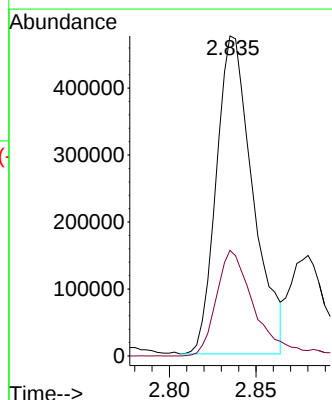
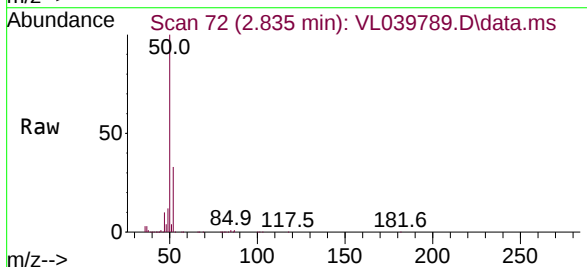
Manual Integrations
APPROVED

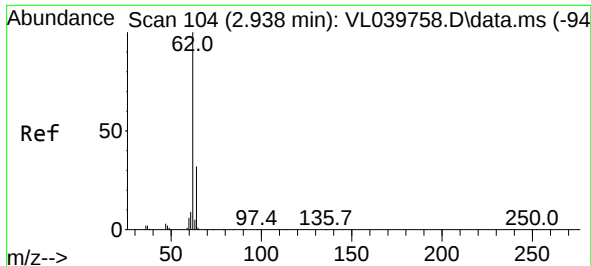
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#4
Chloromethane
Concen: 9.879 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 50 Resp: 698184
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9





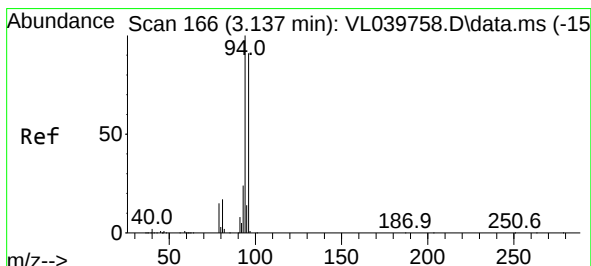
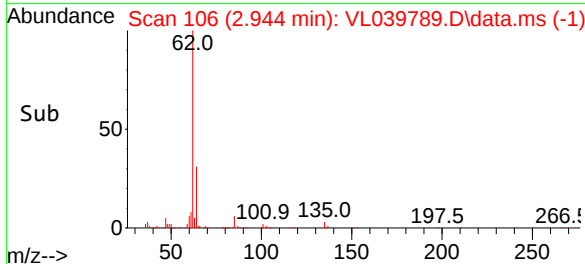
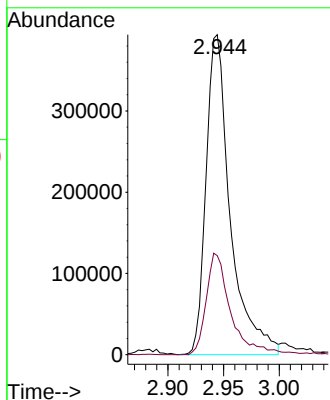
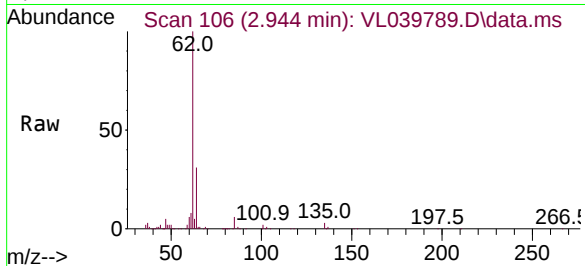
#5
 Vinyl Chloride
 Concen: 10.190 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.006 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

Tgt Ion: 62 Resp: 597329
 Ion Ratio Lower Upper
 62 100
 64 31.0 26.0 39.0

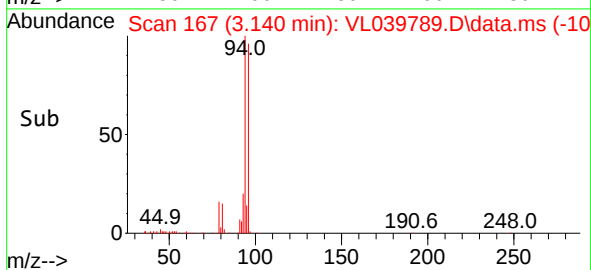
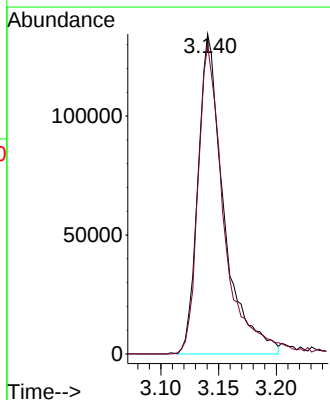
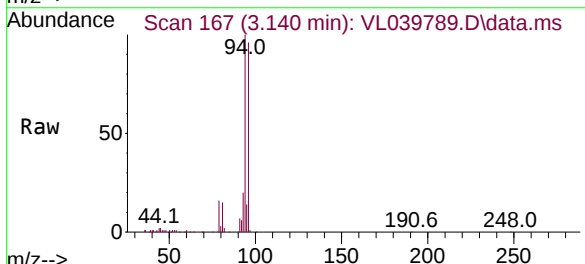
Manual Integrations
 APPROVED

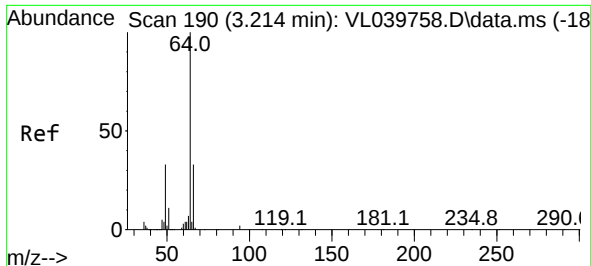
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#6
 Bromomethane
 Concen: 9.961 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.003 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

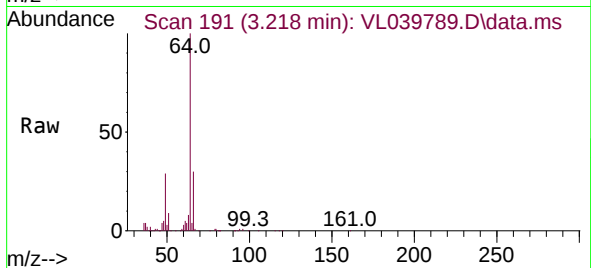
Tgt Ion: 94 Resp: 209771
 Ion Ratio Lower Upper
 94 100
 96 96.0 73.0 109.6





#7
Chloroethane
Concen: 10.196 ppbv
RT: 3.218 min Scan# 190
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

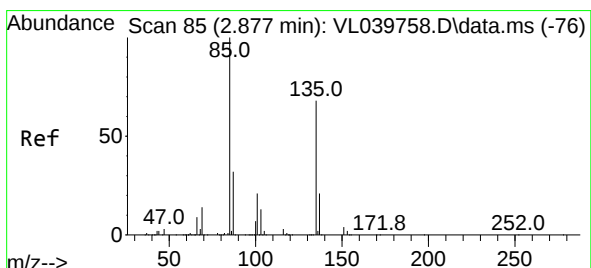
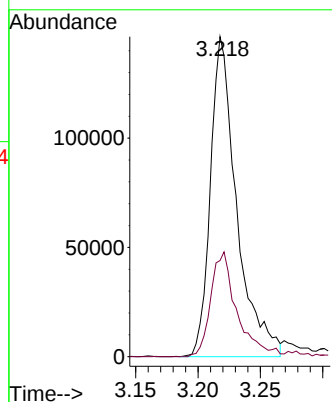
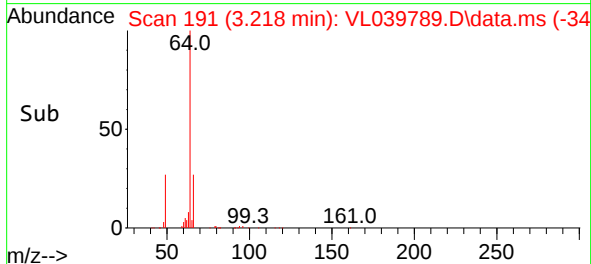
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion: 64 Resp: 214630
Ion Ratio Lower Upper
64 100
66 30.1 26.3 39.5

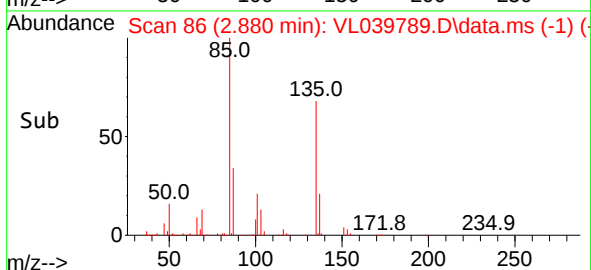
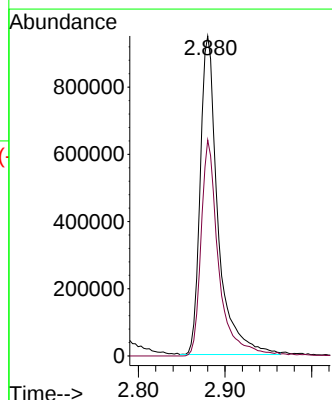
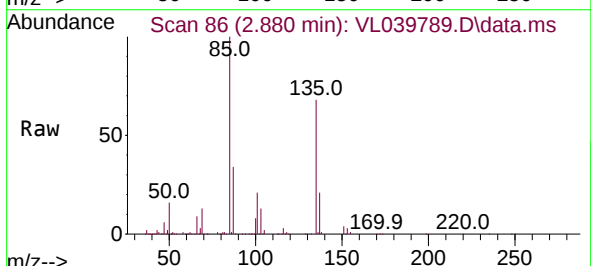
Manual Integrations
APPROVED

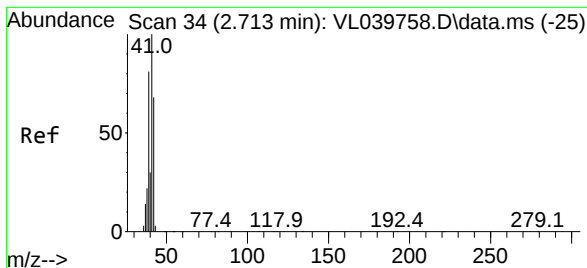
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Dichlorotetrafluoroethane
Concen: 10.483 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 85 Resp: 1346693
Ion Ratio Lower Upper
85 100
135 68.2 55.8 83.6





#9

Propene

Concen: 10.609 ppbv

RT: 2.716 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion: 41 Resp: 51458

Ion Ratio Lower Upper

41 100

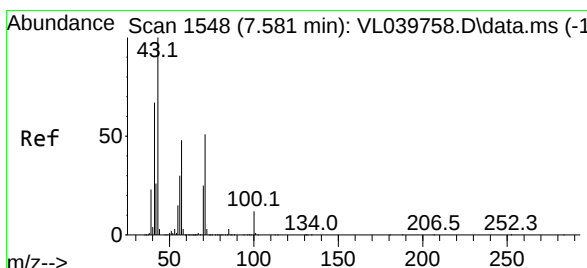
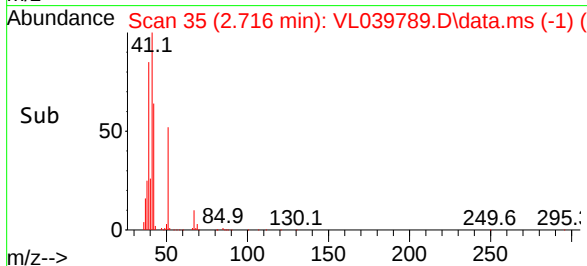
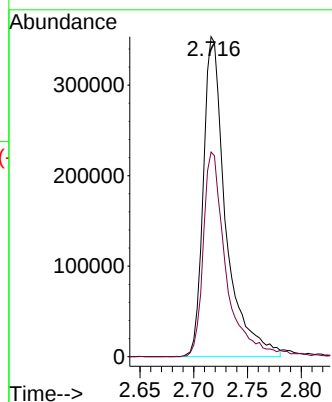
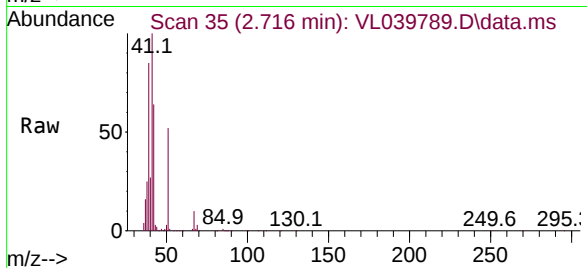
42 66.1 58.0 87.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#10

Heptane

Concen: 11.115 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.003 min

Lab File: VL039789.D

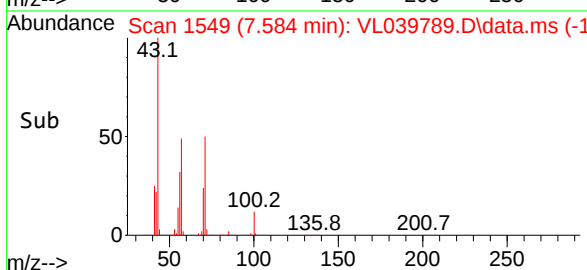
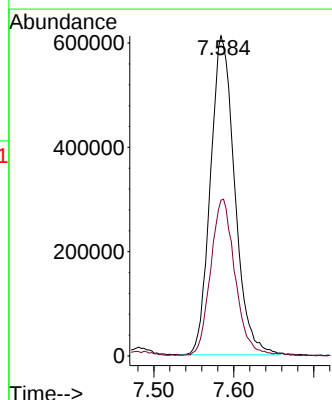
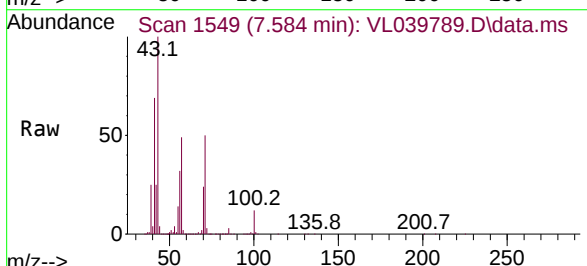
Acq: 25 Oct 2022 15:50

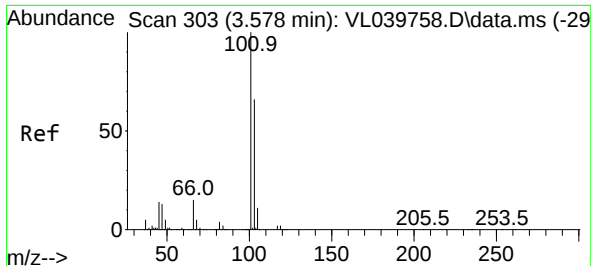
Tgt Ion: 43 Resp: 1290758

Ion Ratio Lower Upper

43 100

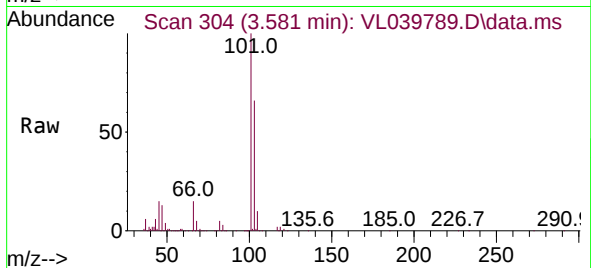
57 50.0 40.0 60.0





#11
Trichlorofluoromethane
Concen: 10.148 ppbv
RT: 3.581 min Scan# 303
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

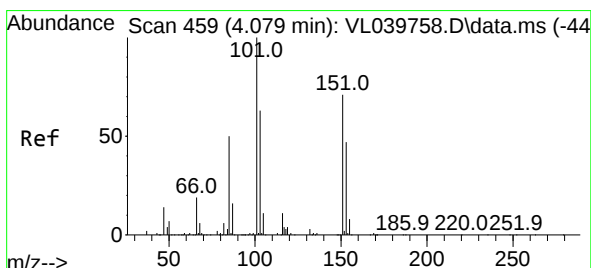
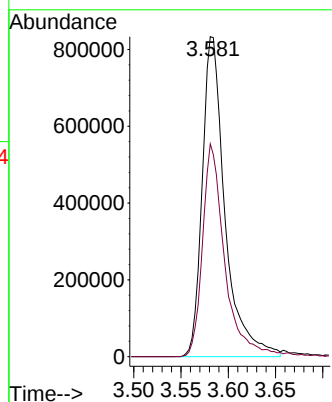
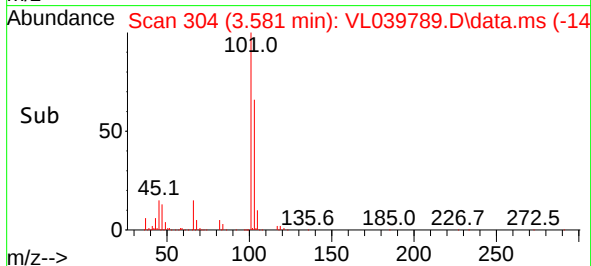
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion:101 Resp: 139520
Ion Ratio Lower Upper
101 100
103 66.5 52.7 79.1

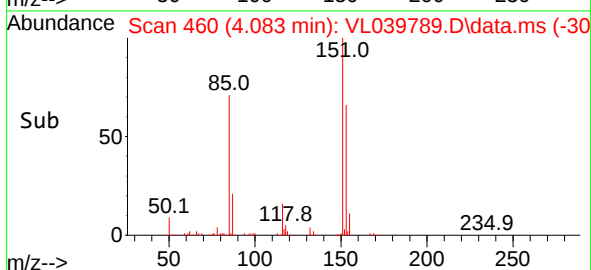
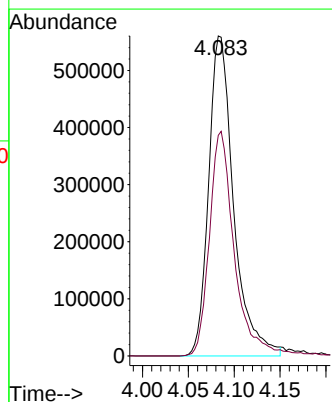
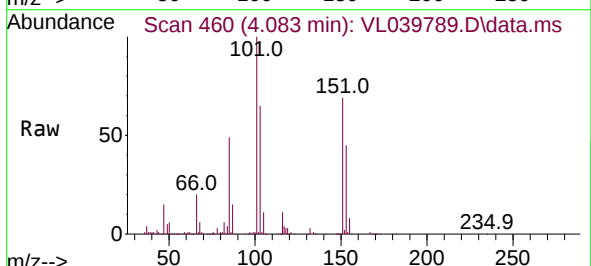
Manual Integrations
APPROVED

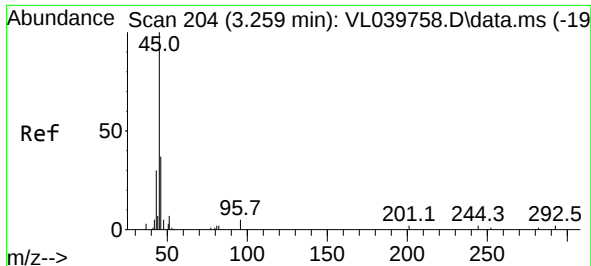
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.978 ppbv
RT: 4.083 min Scan# 460
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

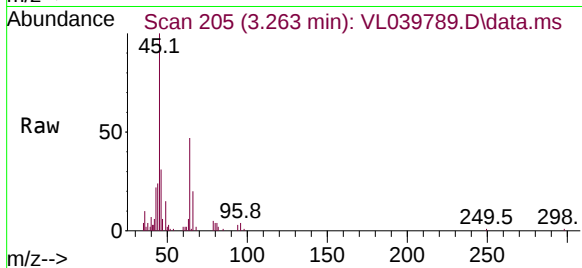
Tgt Ion:101 Resp: 1063862
Ion Ratio Lower Upper
101 100
151 70.8 56.6 84.8





#13
Ethanol
Concen: 12.188 ppbv m
RT: 3.263 min Scan# 204
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

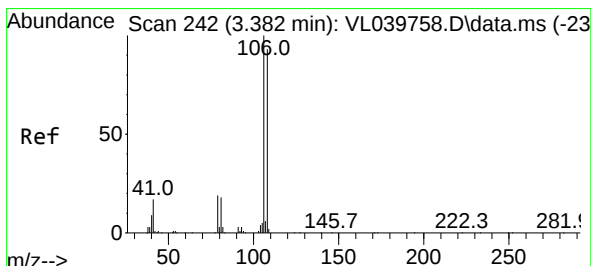
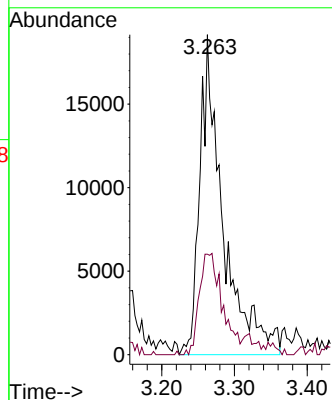
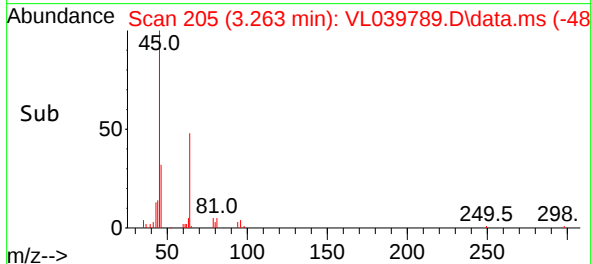
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



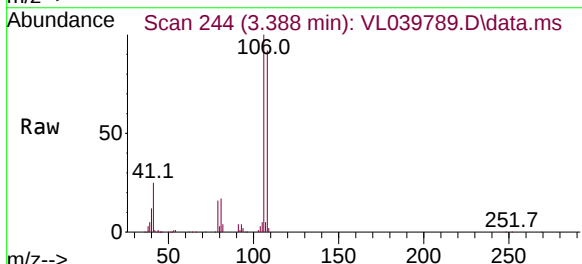
Tgt Ion: 45 Resp: 42460
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3

Manual Integrations
APPROVED

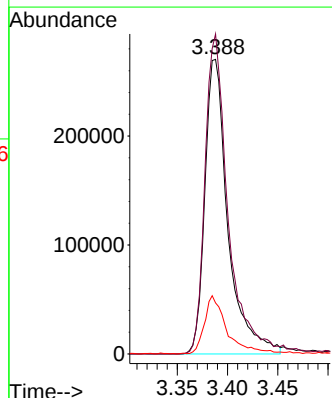
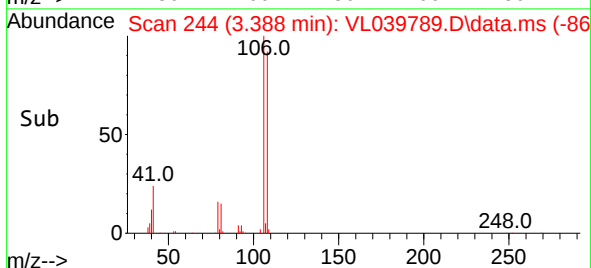
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

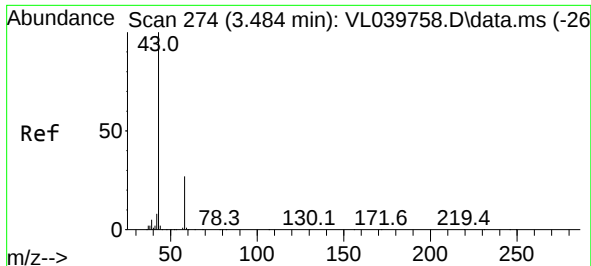


#14
Bromoethene
Concen: 10.228 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



Tgt Ion:108 Resp: 432774
Ion Ratio Lower Upper
108 100
106 111.2 90.6 136.0
79 19.6 16.6 24.8





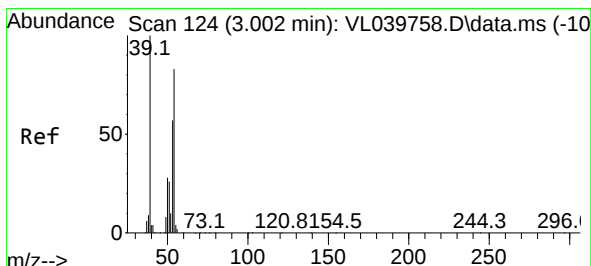
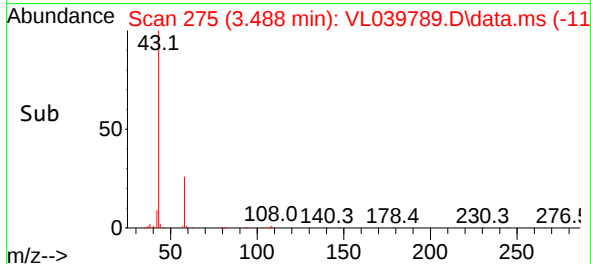
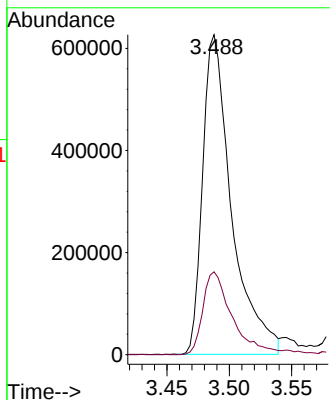
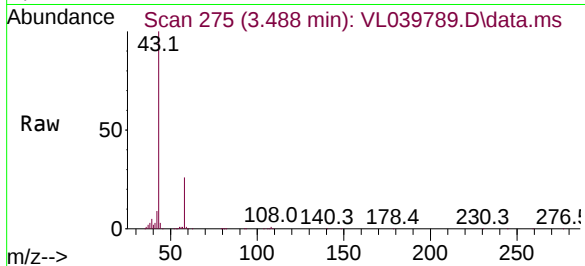
#15
Acetone
Concen: 9.041 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion: 43 Resp: 1014850
Ion Ratio Lower Upper
43 100
58 27.0 20.7 31.1

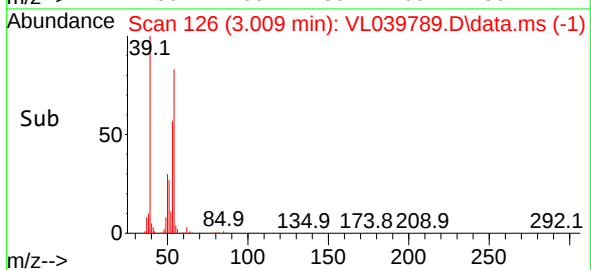
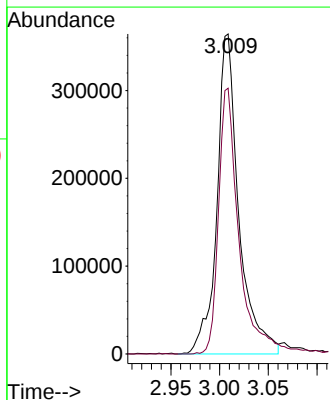
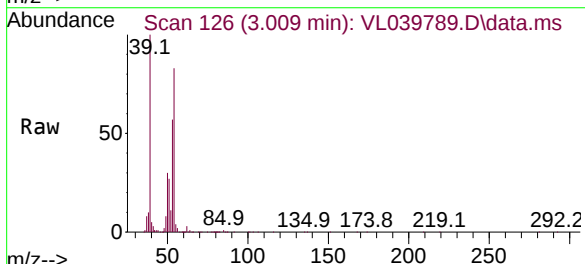
Manual Integrations
APPROVED

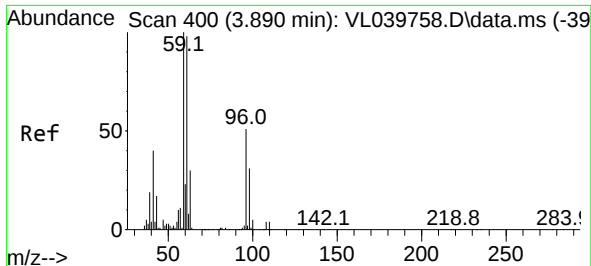
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
1,3-Butadiene
Concen: 10.261 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 39 Resp: 569321
Ion Ratio Lower Upper
39 100
54 79.2 64.6 97.0





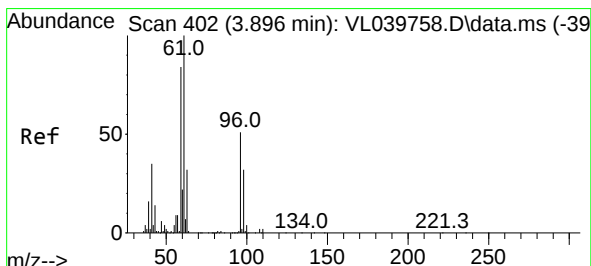
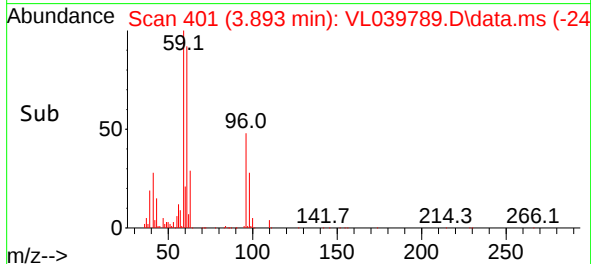
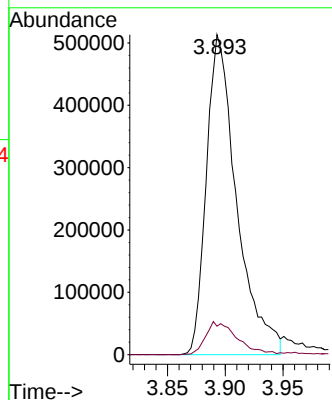
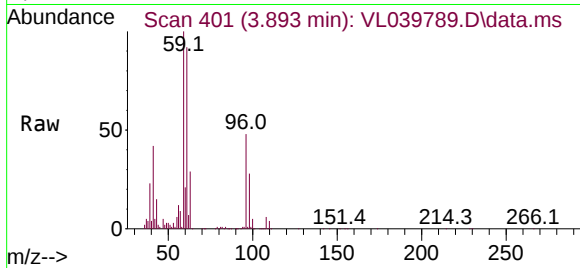
#17
tert-Butyl alcohol
Concen: 10.234 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion: 59 Resp: 936940
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.2

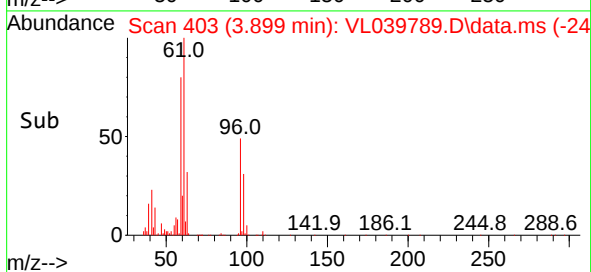
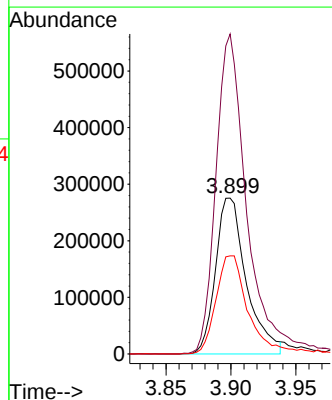
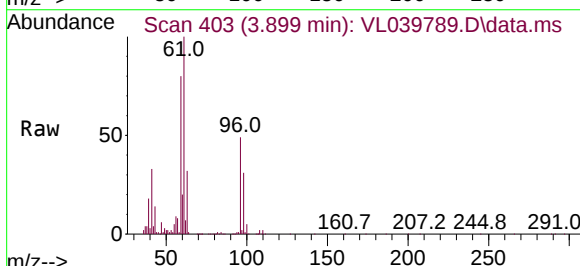
Manual Integrations
APPROVED

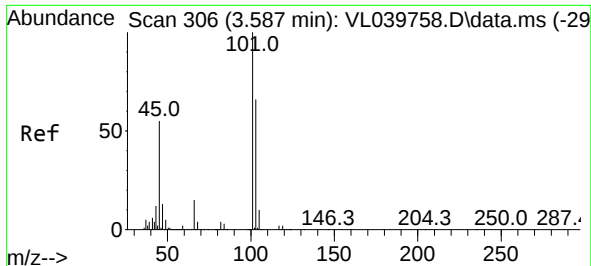
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
1,1-Dichloroethene
Concen: 9.664 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

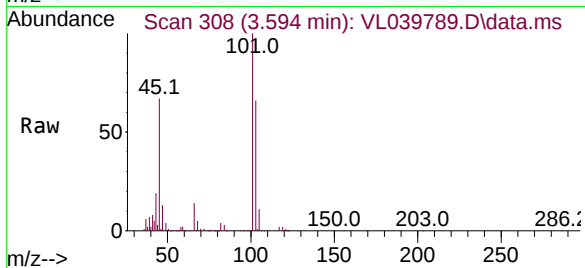
Tgt Ion: 96 Resp: 453412
Ion Ratio Lower Upper
96 100
61 205.4 157.6 236.4
98 63.0 49.9 74.9





#19
Isopropyl Alcohol
Concen: 11.179 ppbv
RT: 3.594 min Scan# 306
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

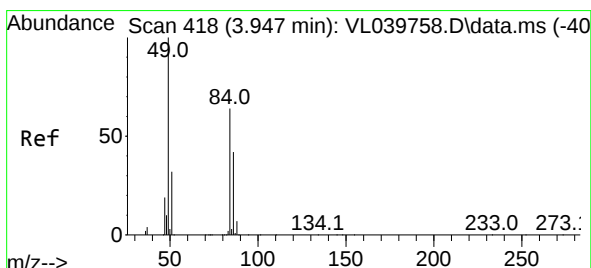
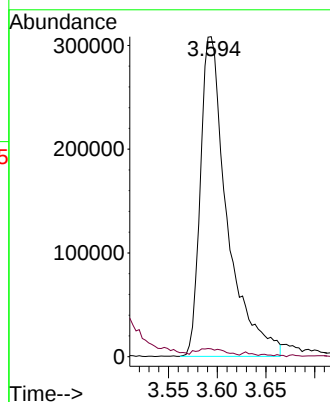
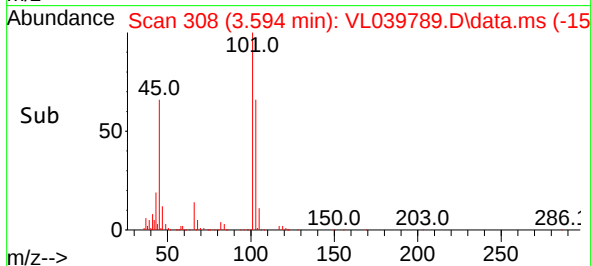
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



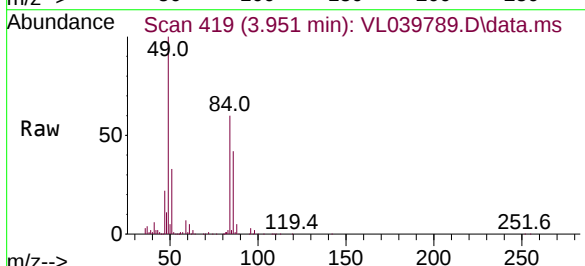
Tgt Ion: 45 Resp: 58793
Ion Ratio Lower Upper
45 100
58 2.7 2.8 4.2

Manual Integrations
APPROVED

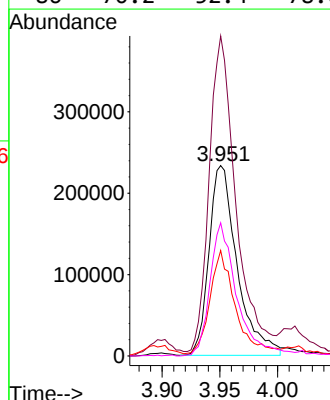
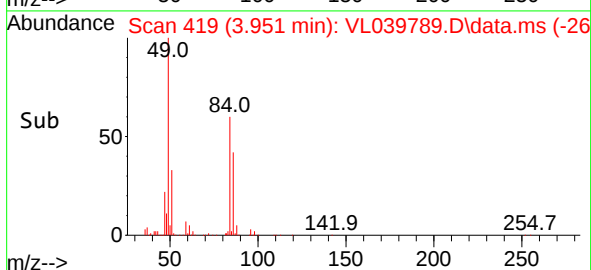
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

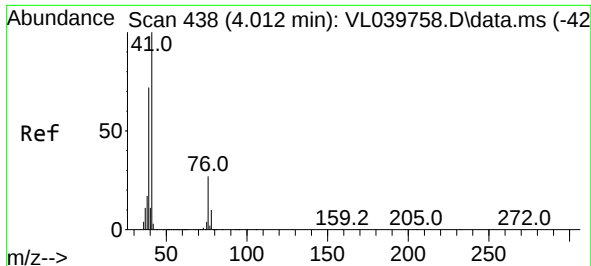


#20
Methylene Chloride
Concen: 9.267 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



Tgt Ion: 84 Resp: 395761
Ion Ratio Lower Upper
84 100
49 165.5 126.0 189.0
51 53.7 40.9 61.3
86 70.2 52.4 78.6





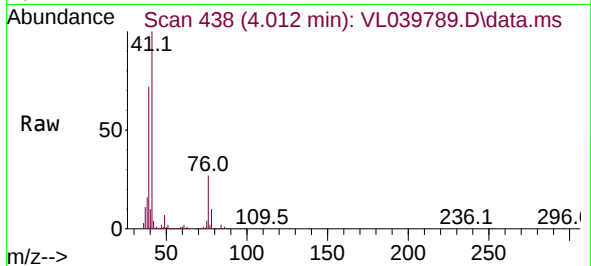
#21
 Allyl Chloride
 Concen: 10.258 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

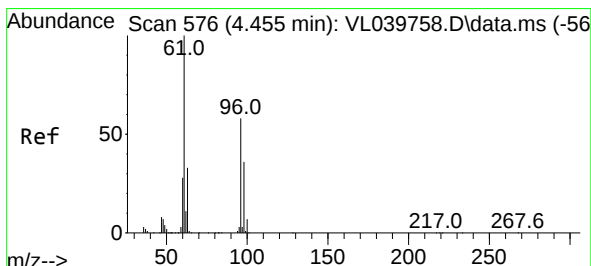
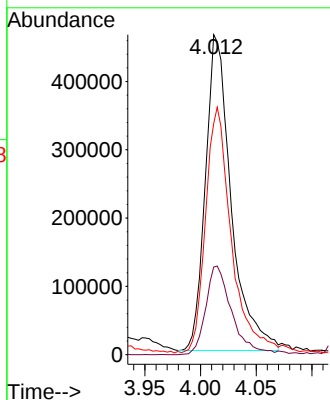
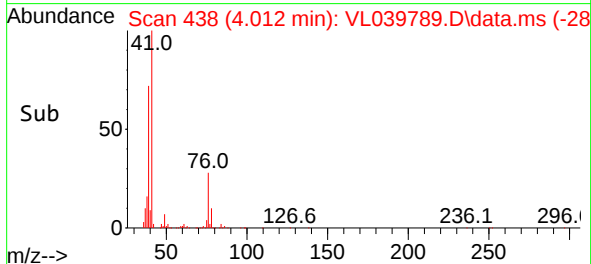


Tgt Ion: 41 Resp: 745304
 Ion Ratio Lower Upper
 41 100
 76 28.8 23.5 35.3
 39 81.2 64.9 97.3

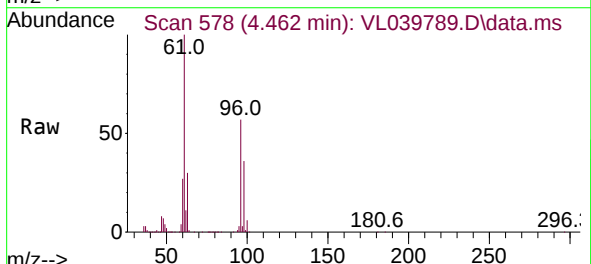
Manual Integrations

APPROVED

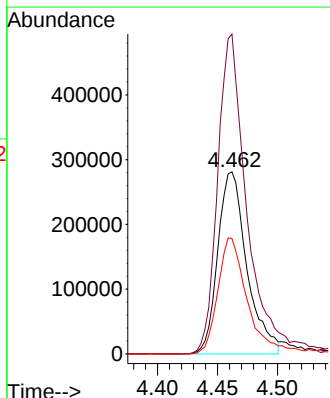
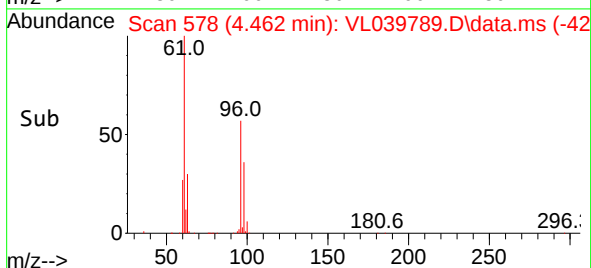
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

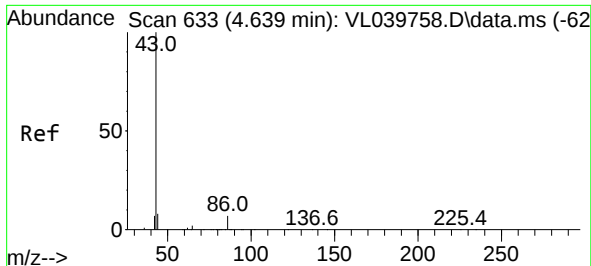


#22
 trans-1,2-Dichloroethene
 Concen: 9.745 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50



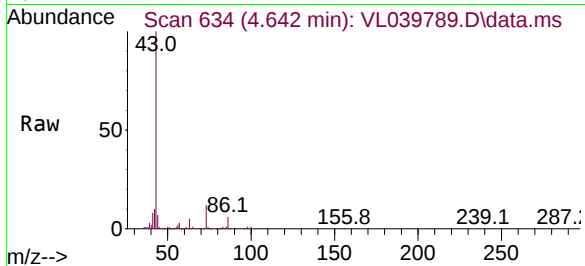
Tgt Ion: 96 Resp: 474963
 Ion Ratio Lower Upper
 96 100
 61 175.8 137.1 205.7
 98 63.5 49.8 74.6





#23
 Vinyl Acetate
 Concen: 10.202 ppbv
 RT: 4.642 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

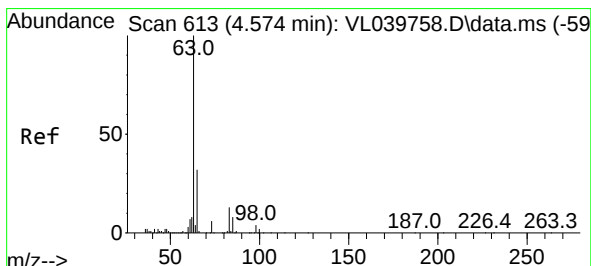
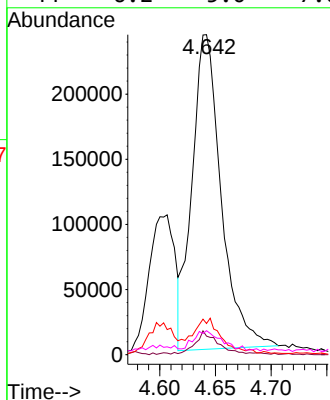
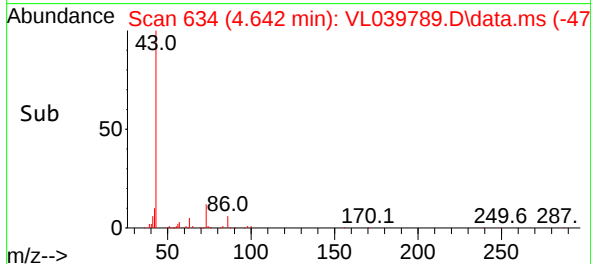
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01



Tgt Ion: 43 Resp: 441449
 Ion Ratio Lower Upper
 43 100
 86 5.9 4.9 7.3
 42 9.5 7.2 10.8
 44 6.2 5.0 7.6

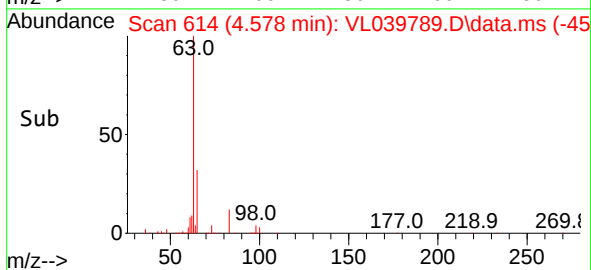
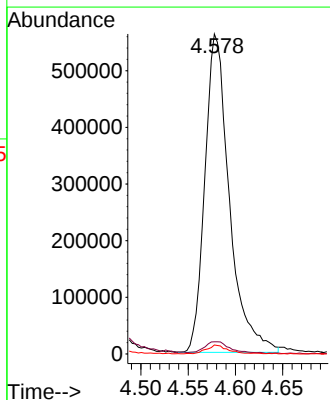
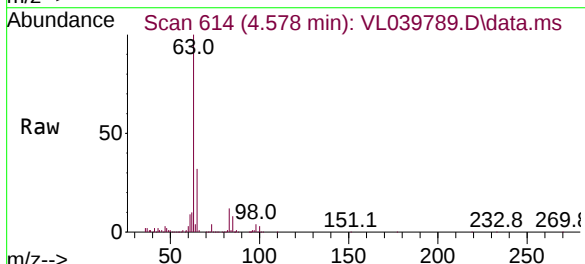
Manual Integrations
 APPROVED

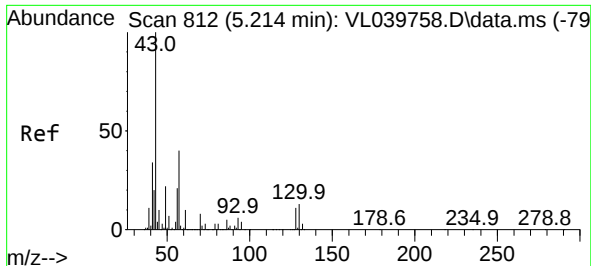
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 10.061 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

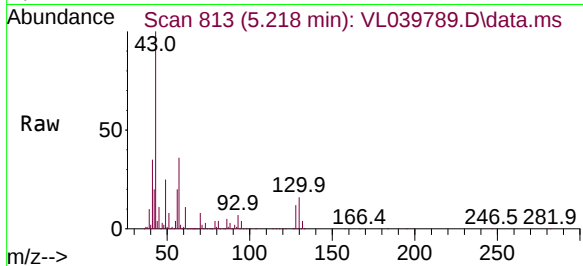
Tgt Ion: 63 Resp: 1013829
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.1 6.3
 100 2.8 1.1 3.5





#25
Ethyl Acetate
Concen: 10.571 ppbv
RT: 5.218 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

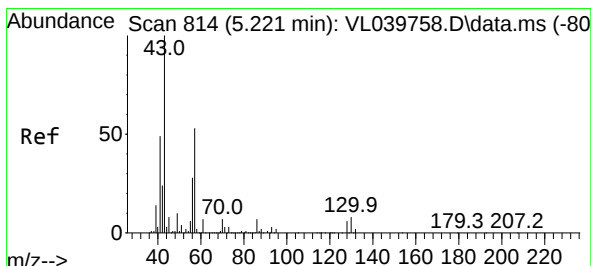
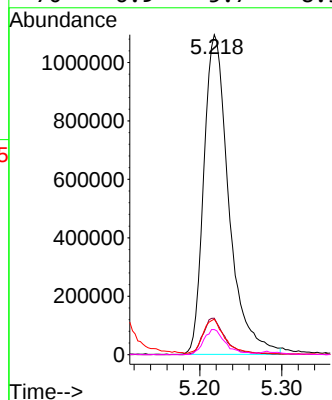
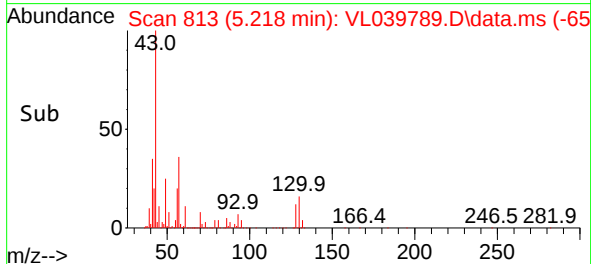


Tgt Ion: 43 Resp: 231990

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	10.4	8.2	12.4
70	6.9	5.7	8.5

Manual Integrations
APPROVED

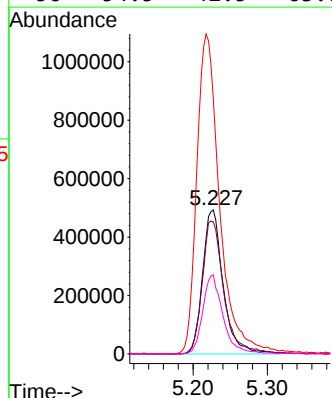
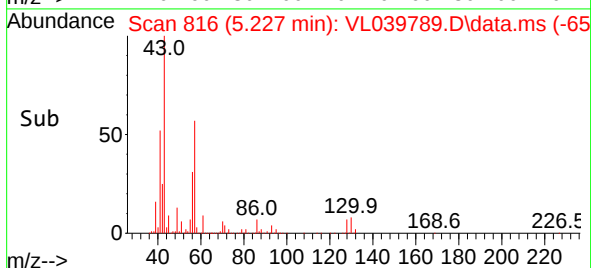
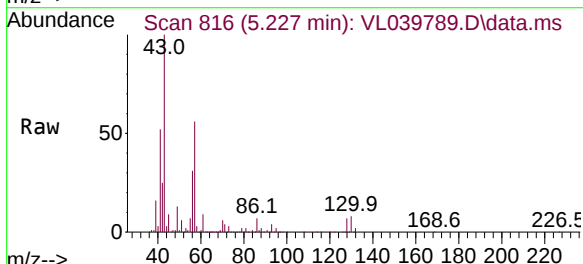
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

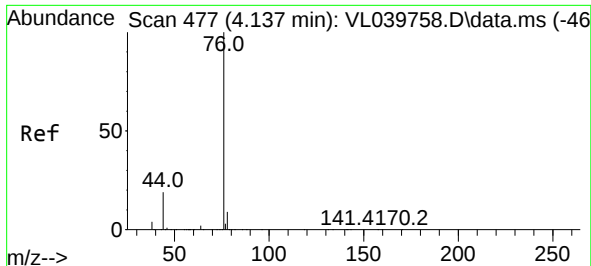


#26
Hexane
Concen: 10.386 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 57 Resp: 947782

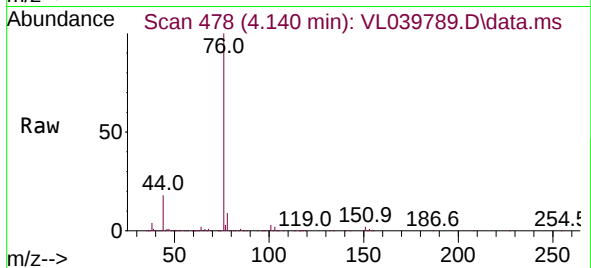
Ion	Ratio	Lower	Upper
57	100		
41	97.9	76.1	114.1
43	248.2	197.1	295.7
56	54.5	42.5	63.7





#27
Carbon Disulfide
Concen: 11.177 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

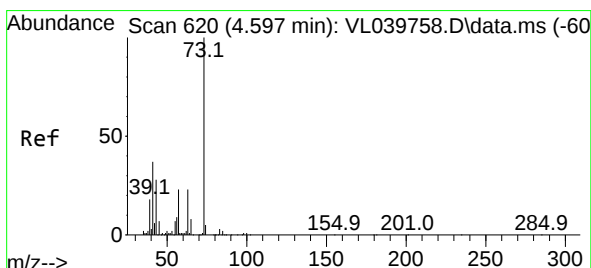
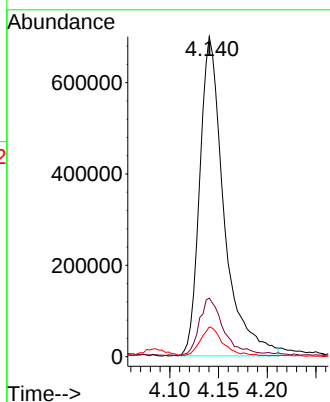
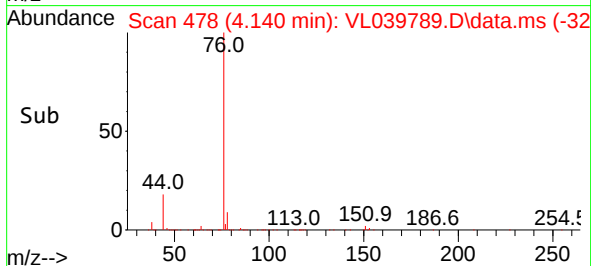


Tgt Ion: 76 Resp: 121072

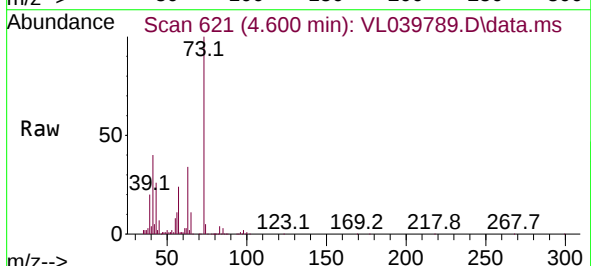
Ion	Ratio	Lower	Upper
76	100		
44	18.6	16.6	25.0
78	9.1	7.6	11.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

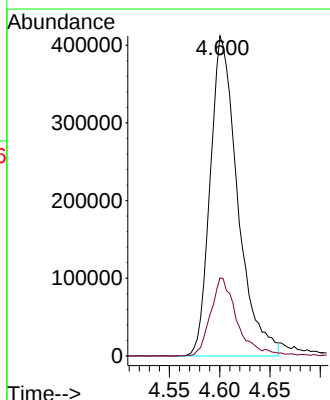
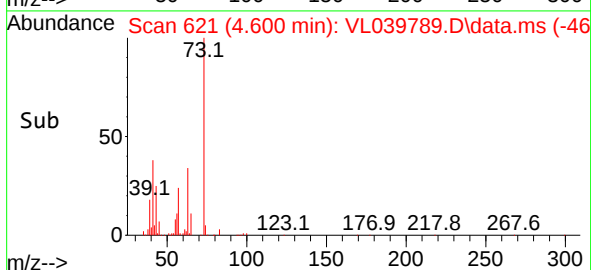


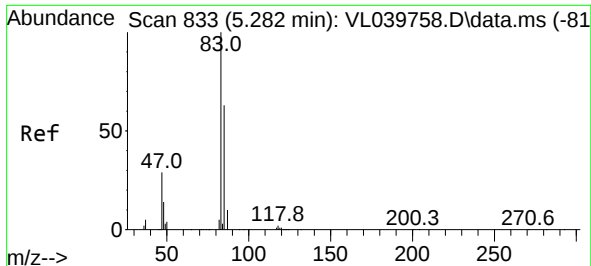
#28
Methyl tert-Butyl Ether
Concen: 9.860 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



Tgt Ion: 73 Resp: 782790

Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.1	28.7





#29

Chloroform

Concen: 9.878 ppbv

RT: 5.288 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion: 83 Resp: 141713

Ion Ratio Lower Upper

83 100

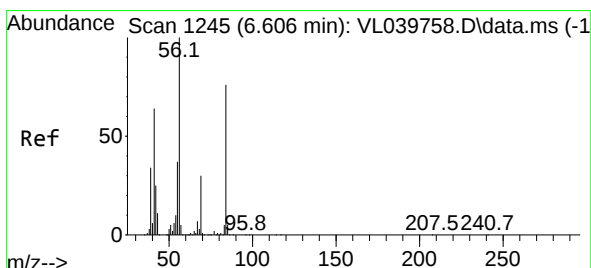
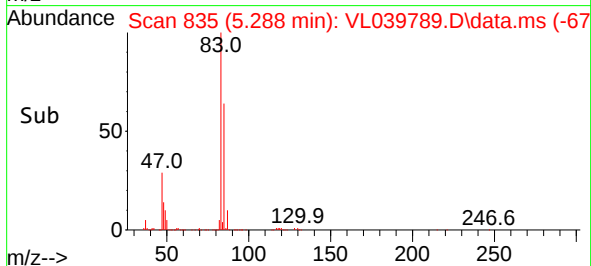
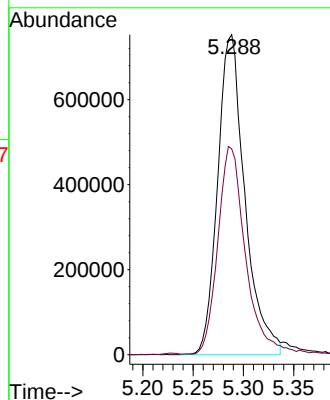
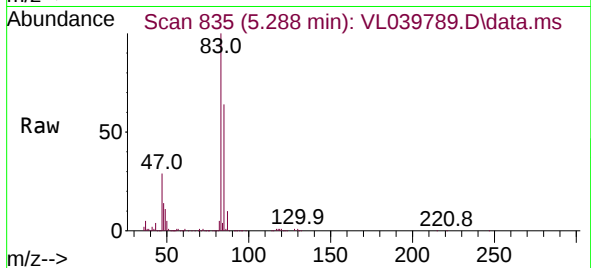
85 64.1 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Cyclohexane

Concen: 10.493 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

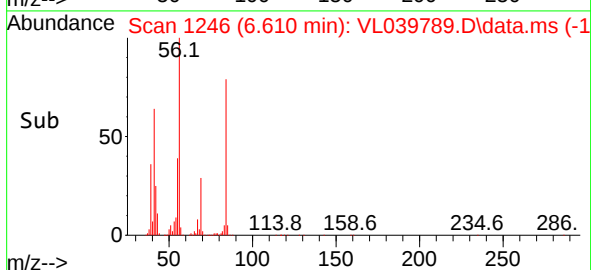
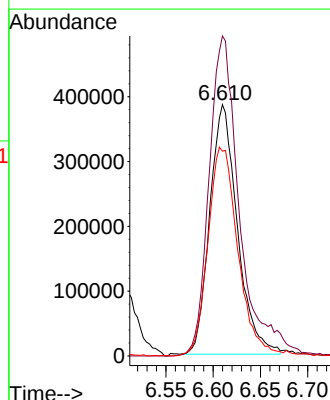
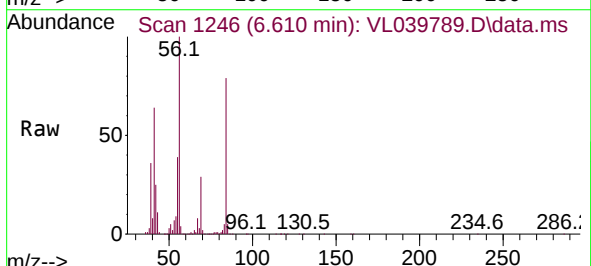
Tgt Ion: 84 Resp: 784584

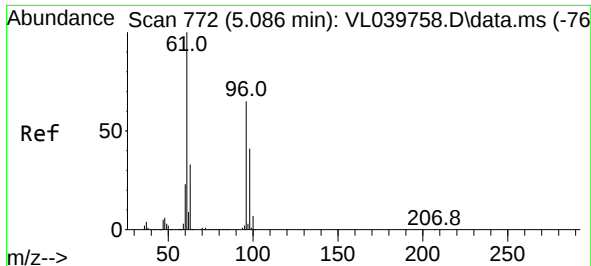
Ion Ratio Lower Upper

84 100

56 141.8 111.8 167.6

41 91.4 71.5 107.3





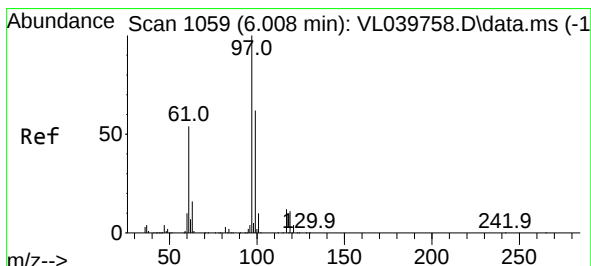
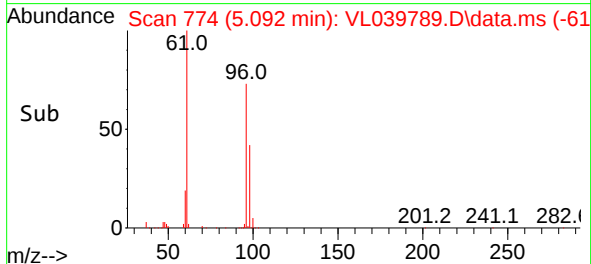
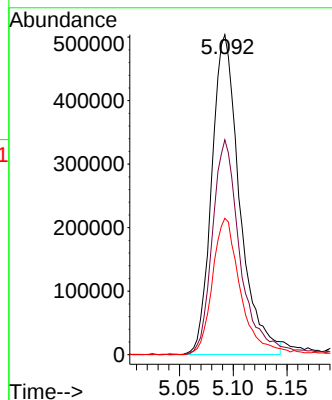
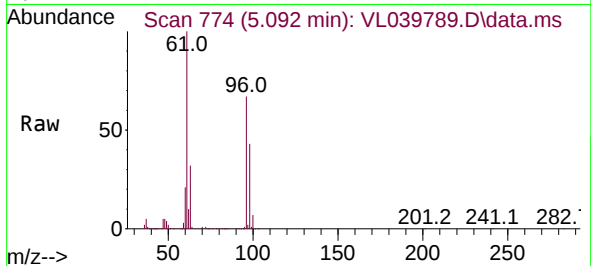
#31
 cis-1,2-Dichloroethene
 Concen: 10.308 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

Tgt Ion: 61 Resp: 907970
 Ion Ratio Lower Upper
 61 100
 96 67.2 52.2 78.2
 98 42.6 32.9 49.3

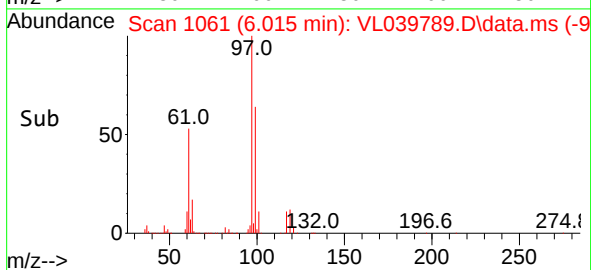
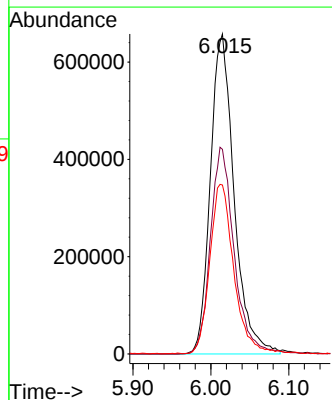
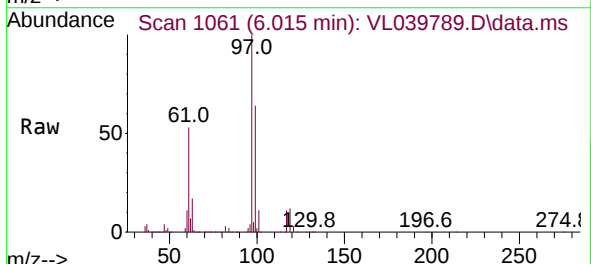
Manual Integrations
 APPROVED

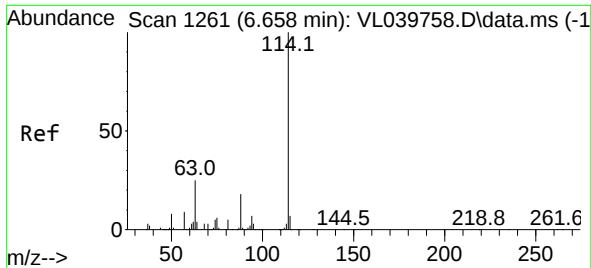
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.709 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.006 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Tgt Ion: 97 Resp: 1394334
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.2 78.4
 61 54.1 43.2 64.8





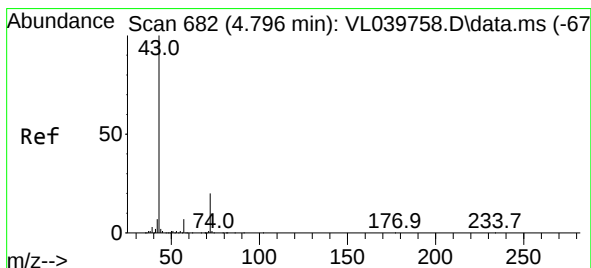
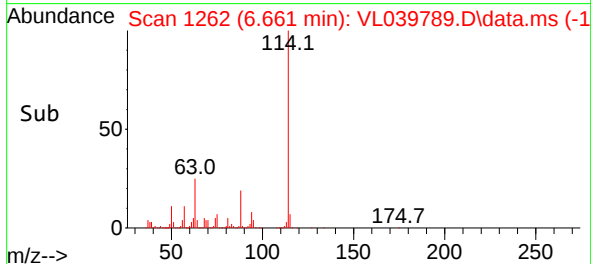
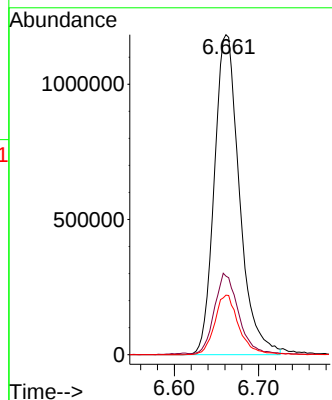
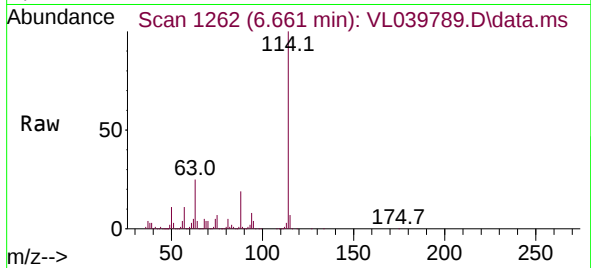
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion:114 Resp: 244683
Ion Ratio Lower Upper
114 100
63 25.4 20.1 30.1
88 18.1 14.5 21.7

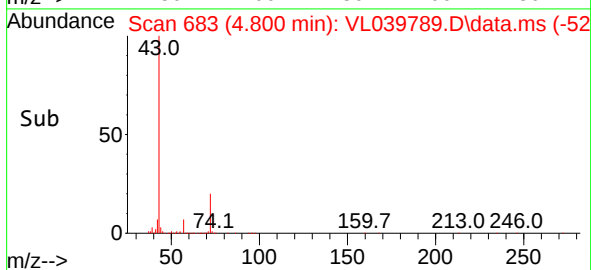
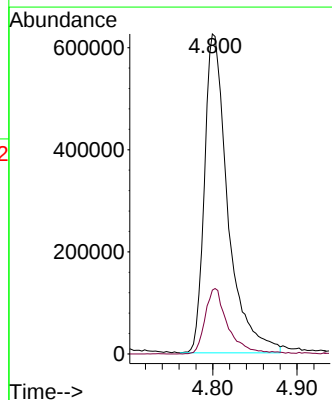
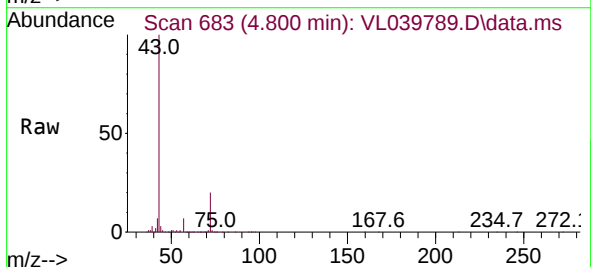
Manual Integrations
APPROVED

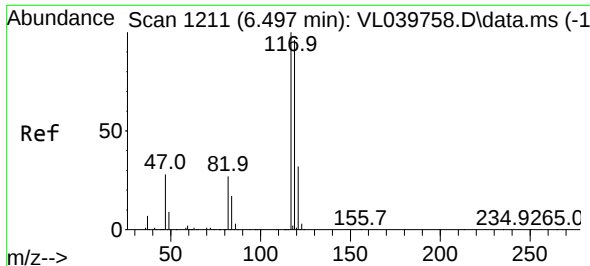
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#34
2-Butanone
Concen: 10.494 ppbv
RT: 4.800 min Scan# 683
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

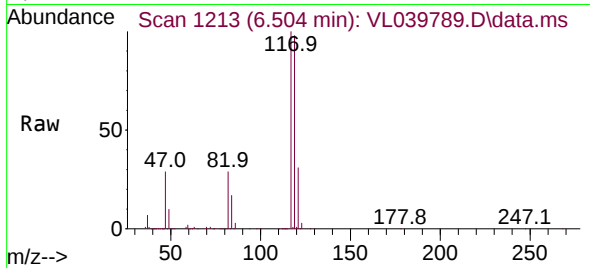
Tgt Ion: 43 Resp: 1207941
Ion Ratio Lower Upper
43 100
72 20.5 16.5 24.7





#35
Carbon Tetrachloride
Concen: 10.757 ppbv
RT: 6.504 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

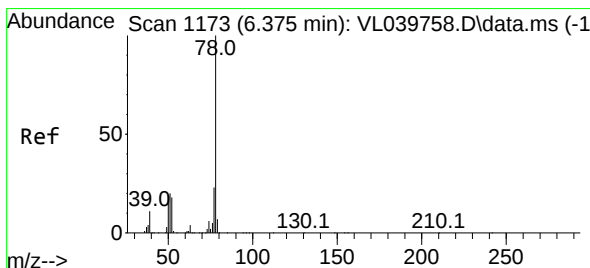
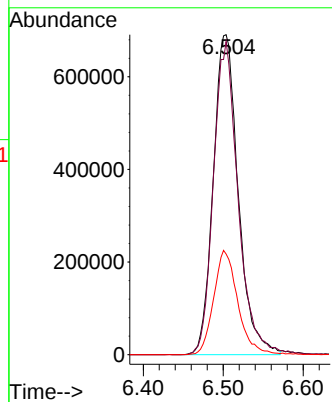
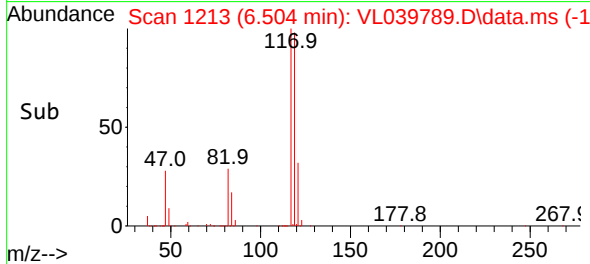
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion:117 Resp: 1500588
Ion Ratio Lower Upper
117 100
119 97.9 76.6 115.0
121 31.4 25.3 37.9

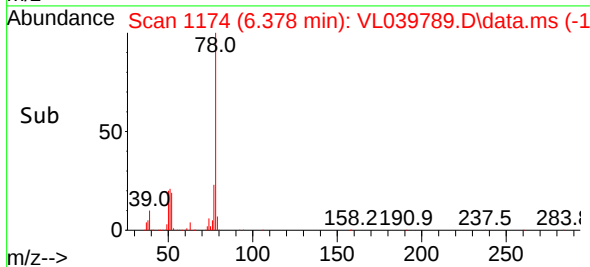
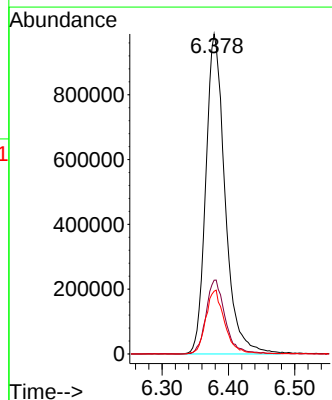
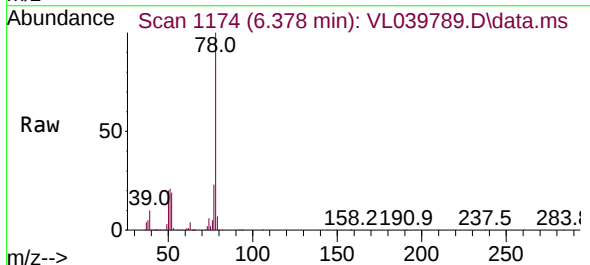
Manual Integrations
APPROVED

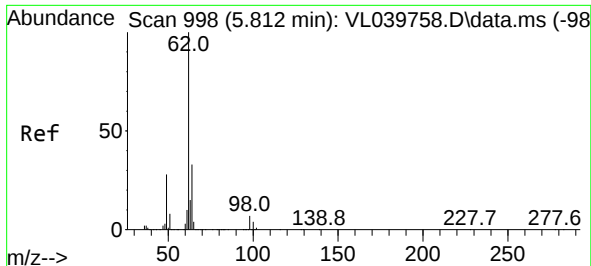
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
Benzene
Concen: 10.552 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 78 Resp: 1988366
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5
50 19.6 15.2 22.8





#37

1,2-Dichloroethane

Concen: 10.458 ppbv

RT: 5.819 min Scan# 1000

Delta R.T. 0.007 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion: 62 Resp: 107028

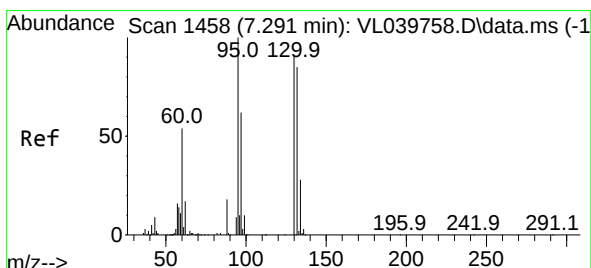
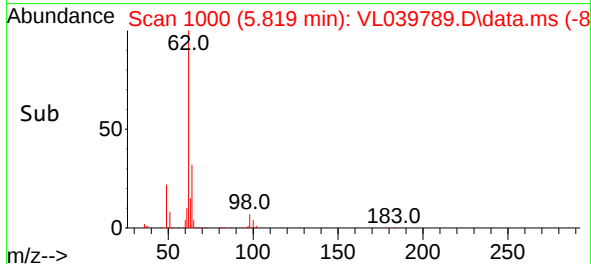
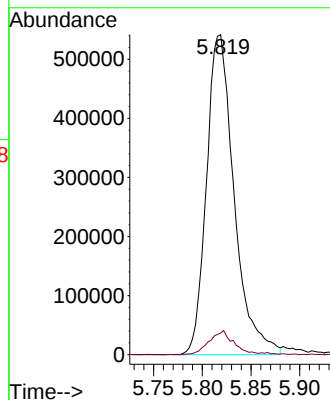
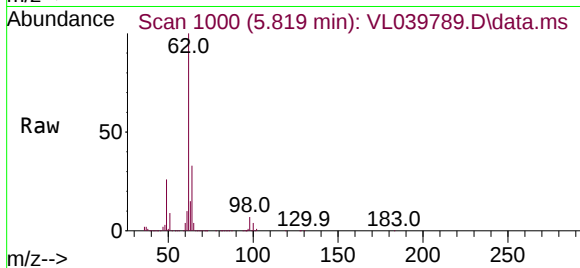
Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
62	100		
98	7.0	5.2	7.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38

Trichloroethene

Concen: 11.006 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.006 min

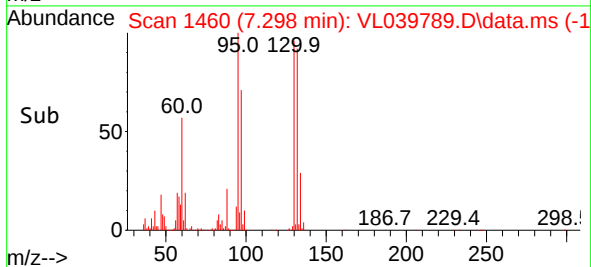
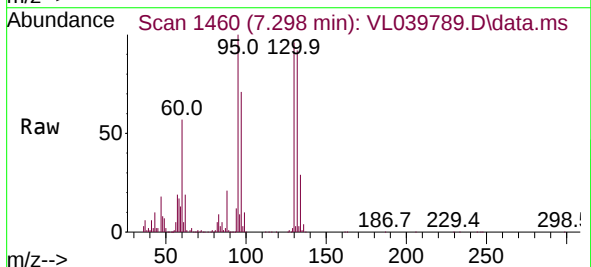
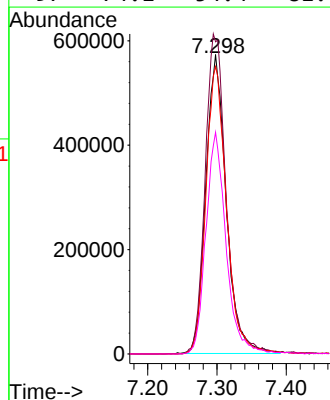
Lab File: VL039789.D

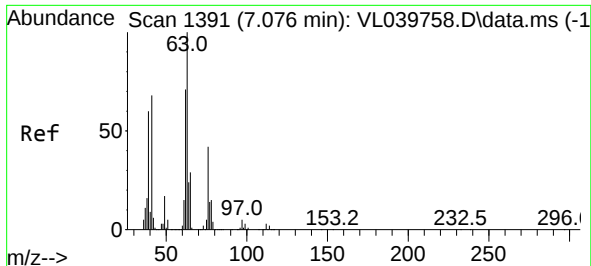
Acq: 25 Oct 2022 15:50

Tgt Ion:130 Resp: 1170752

Ion Ratio Lower Upper

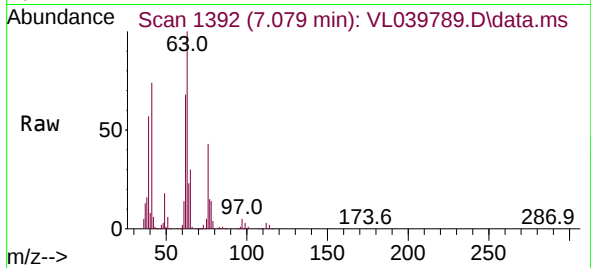
Ion	Ratio	Lower	Upper
130	100		
95	104.5	88.1	132.1
132	96.0	75.2	112.8
97	74.1	54.4	81.6





#39
1,2-Dichloropropane
Concen: 10.469 ppbv
RT: 7.079 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

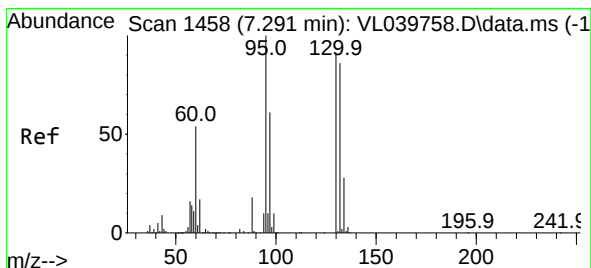
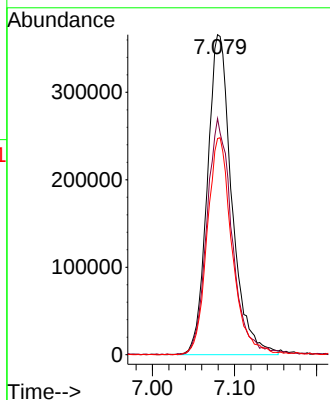
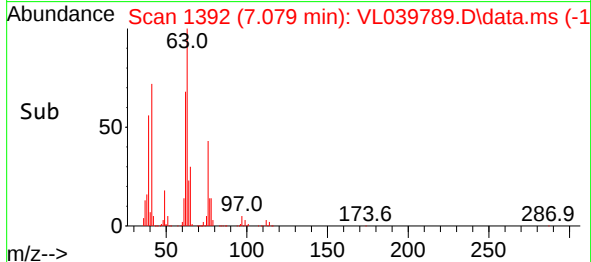
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion: 63 Resp: 75997
Ion Ratio Lower Upper
63 100
41 73.5 54.5 81.7
62 67.5 56.6 85.0

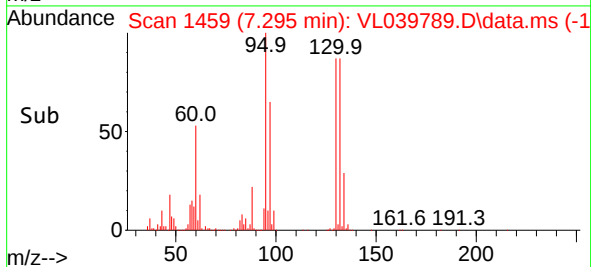
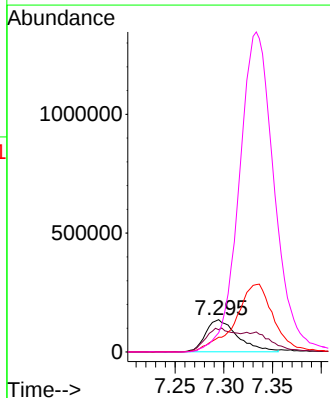
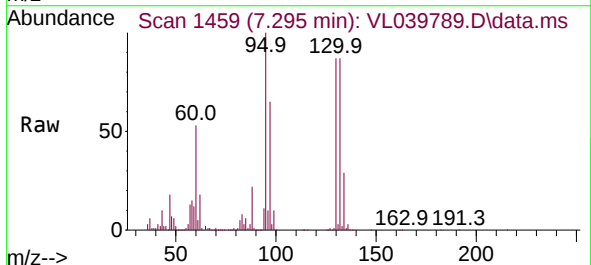
Manual Integrations
APPROVED

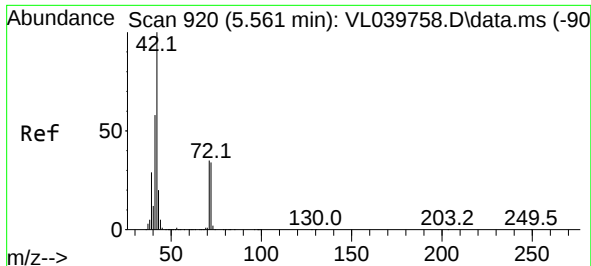
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#40
1,4-Dioxane
Concen: 12.506 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 88 Resp: 309445
Ion Ratio Lower Upper
88 100
58 126.6 0.0 0.0#
43 256.0 0.0 0.0#
57 1099.6 0.0 0.0#





#41

Tetrahydrofuran

Concen: 11.186 ppbv

RT: 5.571 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

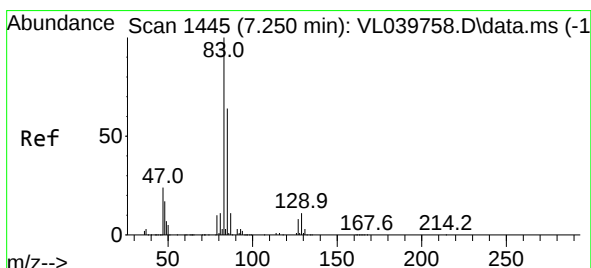
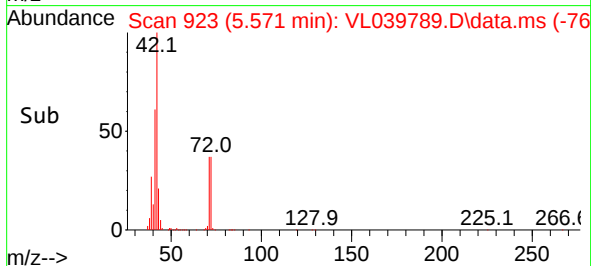
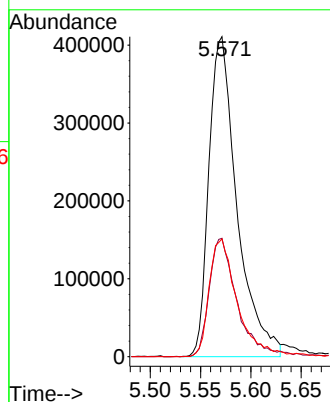
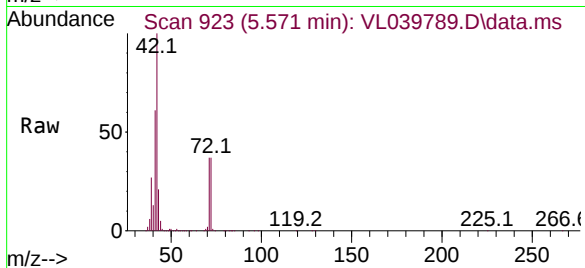
VL1025ABS01

Tgt Ion:	42	Resp:	800000
Ion Ratio	Lower	Upper	
42	100		
72	37.2	29.9	44.9
71	37.7	29.2	43.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42

Bromodichloromethane

Concen: 10.746 ppbv

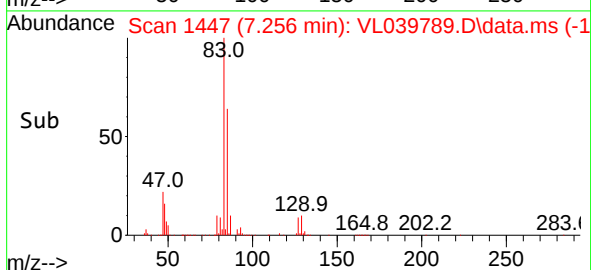
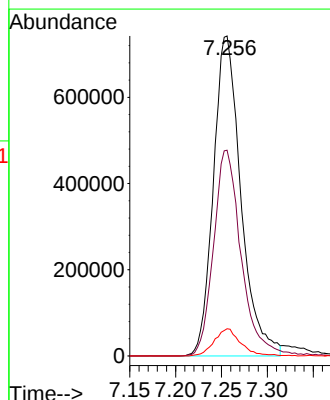
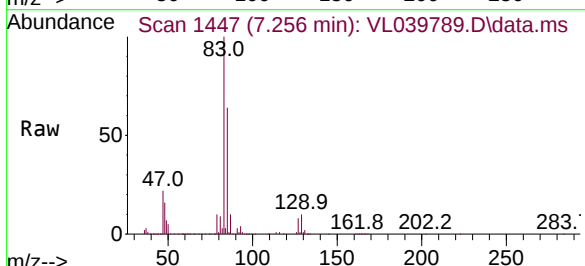
RT: 7.256 min Scan# 1447

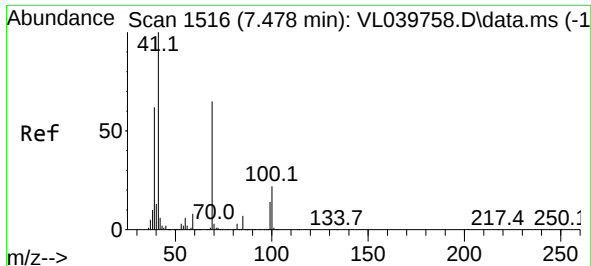
Delta R.T. 0.006 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Tgt Ion:	83	Resp:	1548687
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.5	77.3
127	8.5	6.1	9.1





#43

Methyl Methacrylate

Concen: 11.858 ppbv

RT: 7.481 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion: 69 Resp: 778100

Ion Ratio Lower Upper

69 100

41 155.0 121.8 182.6

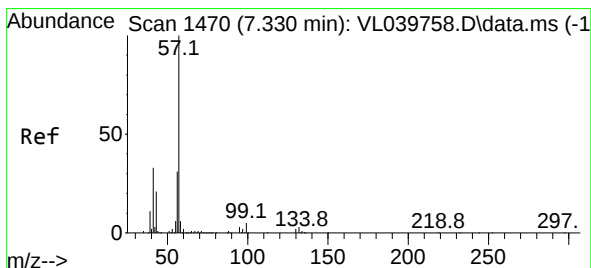
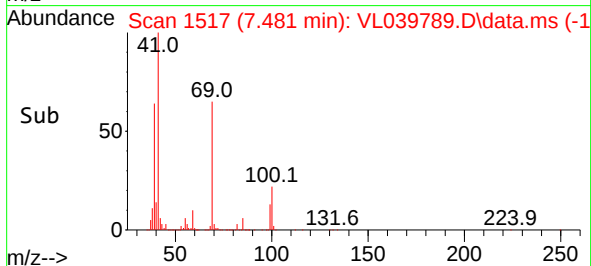
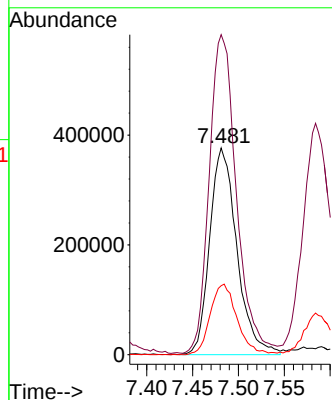
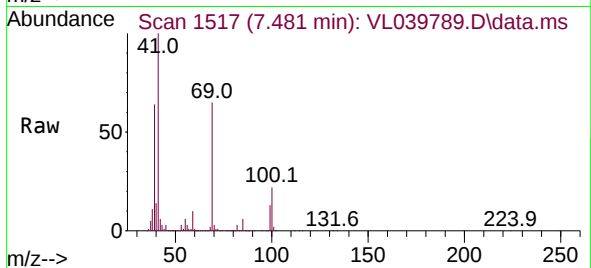
100 33.7 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#44

2,2,4-Trimethylpentane

Concen: 10.753 ppbv

RT: 7.333 min Scan# 1471

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

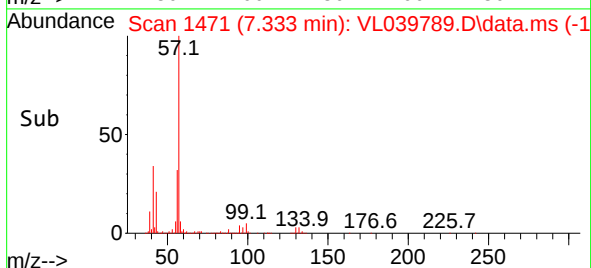
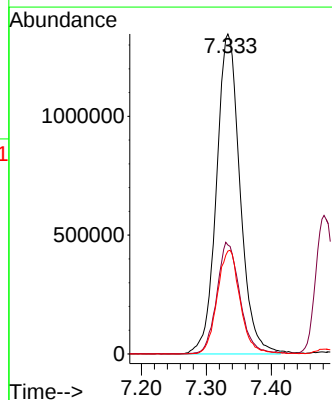
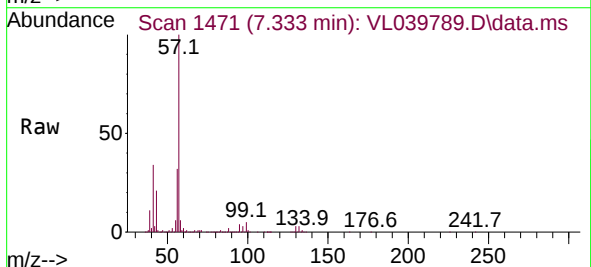
Tgt Ion: 57 Resp: 3387617

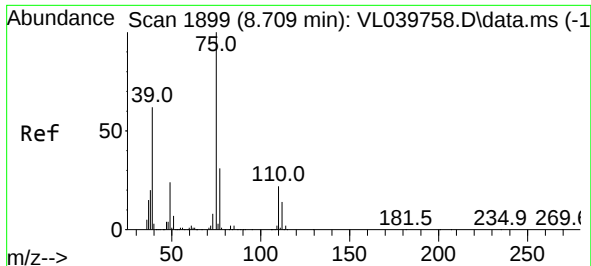
Ion Ratio Lower Upper

57 100

41 34.2 26.6 40.0

56 31.6 25.4 38.0





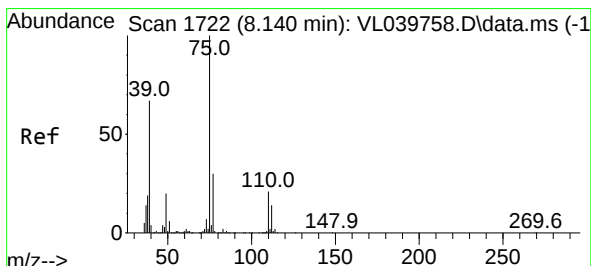
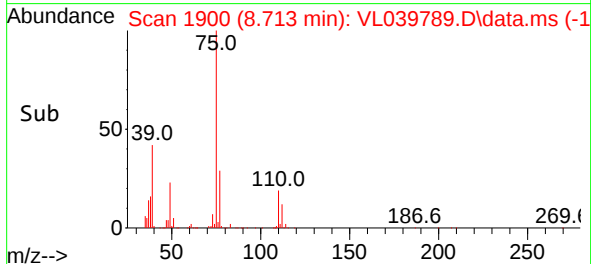
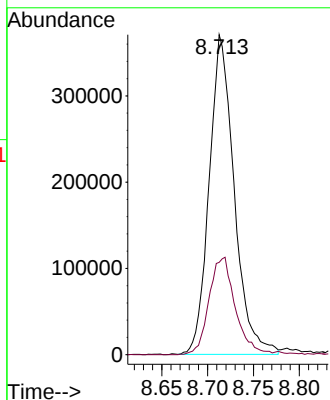
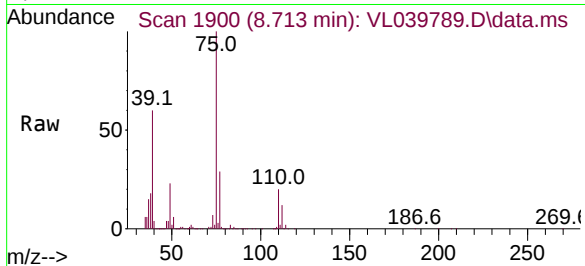
#45
t-1,3-Dichloropropene
Concen: 12.606 ppbv
RT: 8.713 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion: 75 Resp: 702769
Ion Ratio Lower Upper
75 100
77 28.8 25.1 37.7

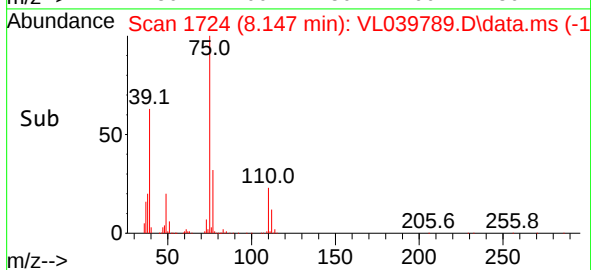
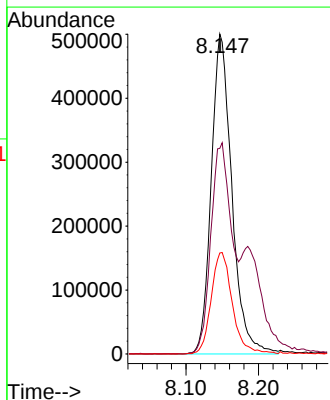
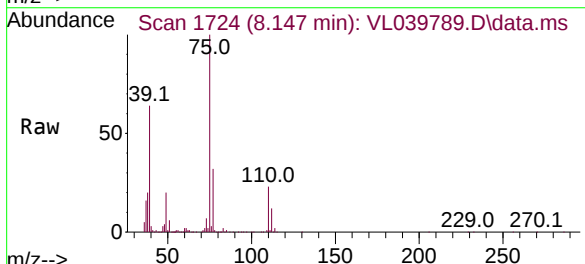
Manual Integrations
APPROVED

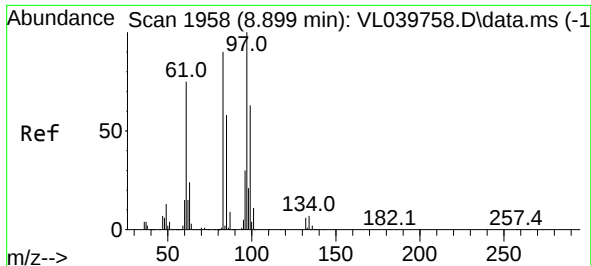
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#46
cis-1,3-Dichloropropene
Concen: 12.348 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 75 Resp: 987859
Ion Ratio Lower Upper
75 100
39 64.2 53.9 80.9
77 31.6 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 10.311 ppbv

RT: 8.902 min Scan# 1958

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

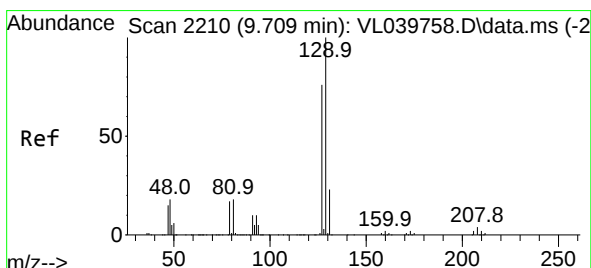
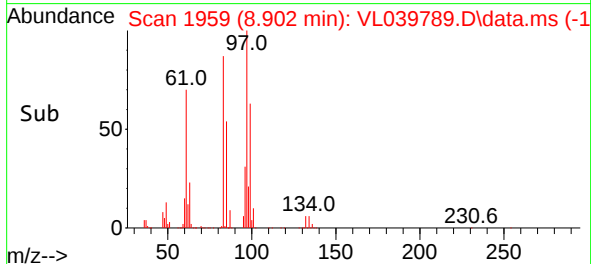
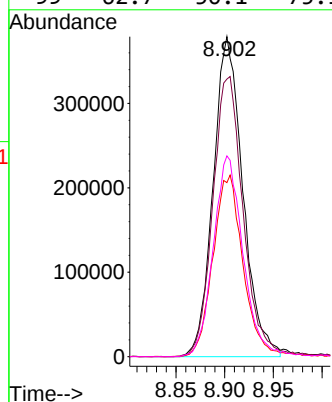
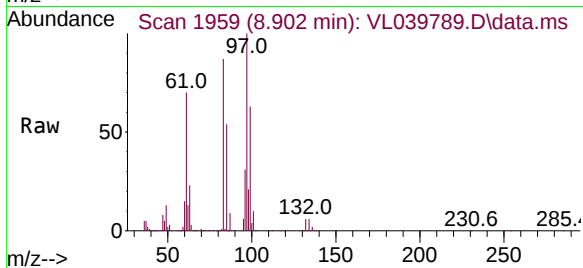
Tgt Ion: 97 Resp: 801470

Ion	Ratio	Lower	Upper
97	100		
83	86.5	71.6	107.4
85	54.3	46.2	69.4
99	62.7	50.1	75.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48

Dibromochloromethane

Concen: 10.698 ppbv

RT: 9.713 min Scan# 2211

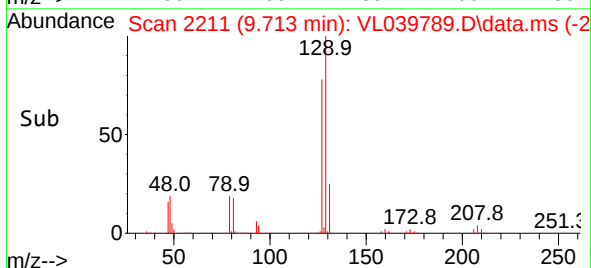
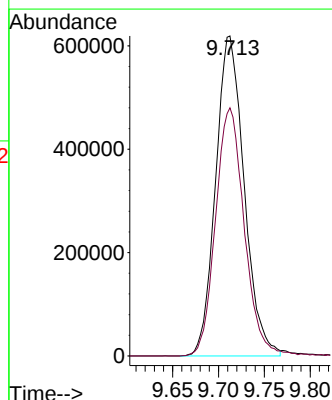
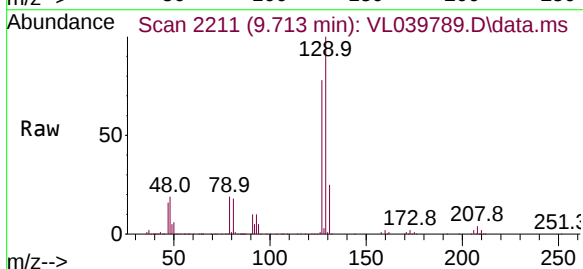
Delta R.T. 0.003 min

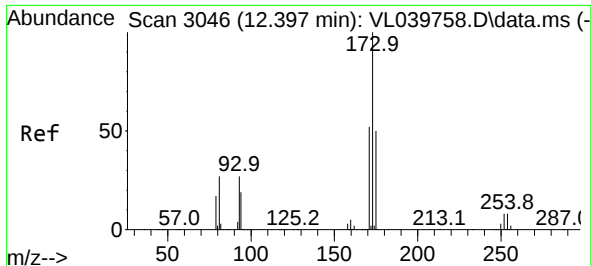
Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Tgt Ion:129 Resp: 1338659

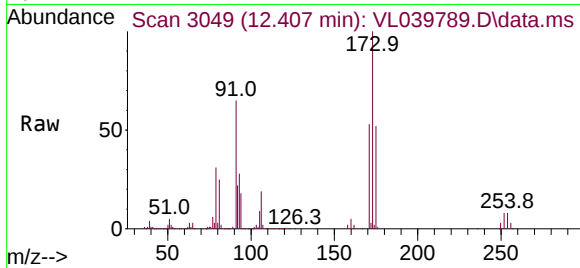
Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.5	118.5





#49
Bromoform
Concen: 10.495 ppbv
RT: 12.407 min Scan# 3046
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

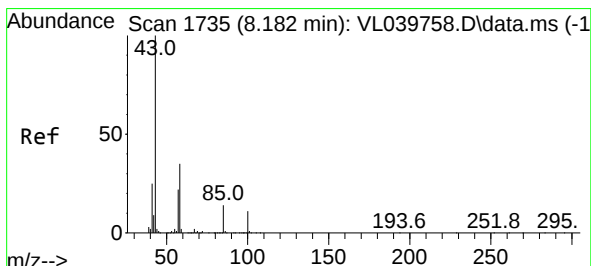
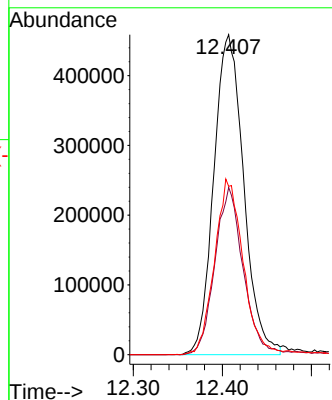
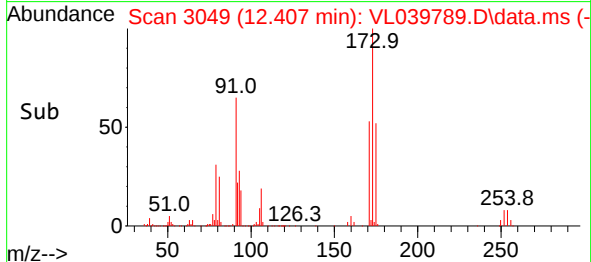
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion: 173 Resp: 1069640
Ion Ratio Lower Upper
173 100
175 50.8 41.2 61.8
171 53.4 43.2 64.8

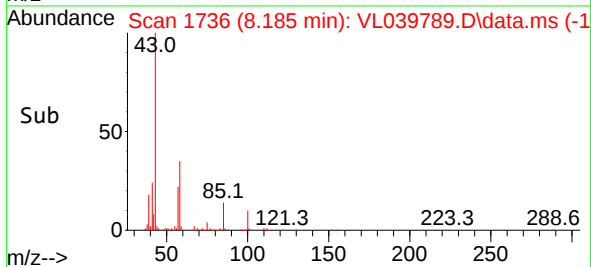
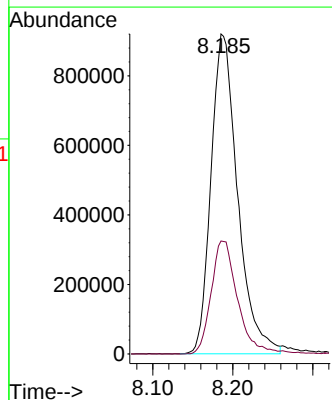
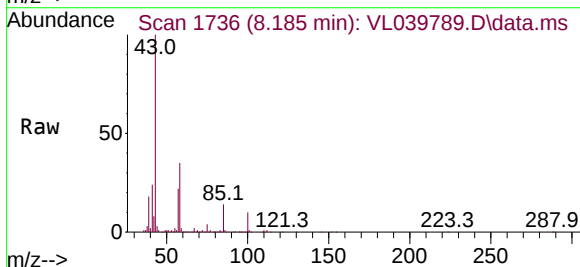
Manual Integrations
APPROVED

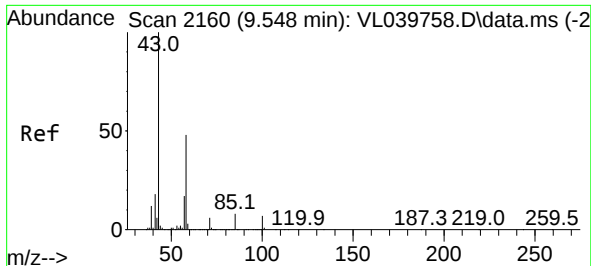
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#50
4-Methyl-2-Pentanone
Concen: 11.772 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

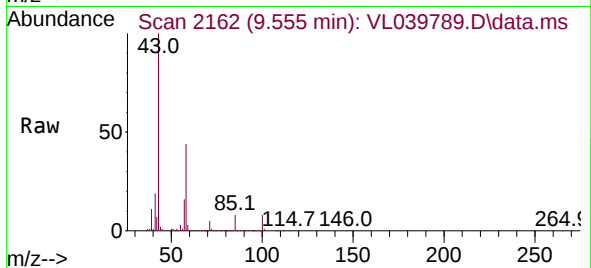
Tgt Ion: 43 Resp: 2126194
Ion Ratio Lower Upper
43 100
58 35.4 28.2 42.4





#51
2-Hexanone
Concen: 12.415 ppbv
RT: 9.555 min Scan# 2160
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

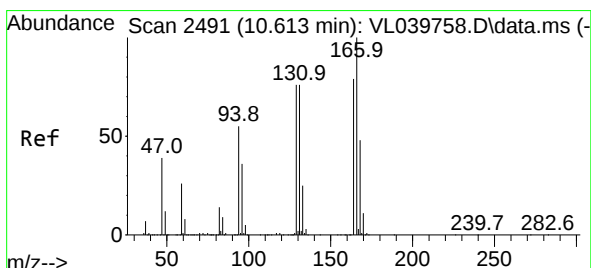
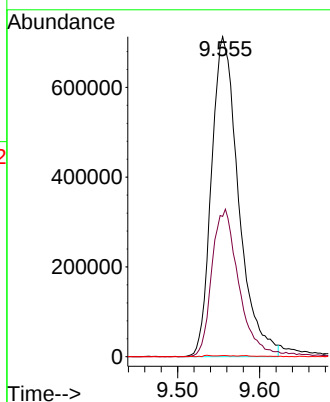
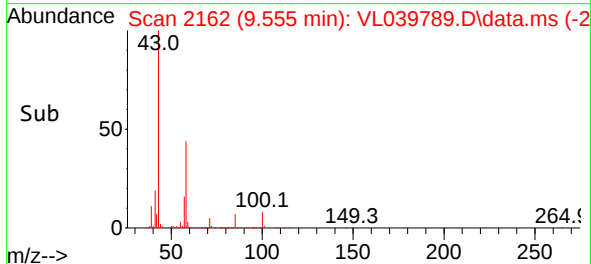
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion: 43 Resp: 1641498
Ion Ratio Lower Upper
43 100
58 46.8 38.1 57.1
98 0.4 0.2 0.2

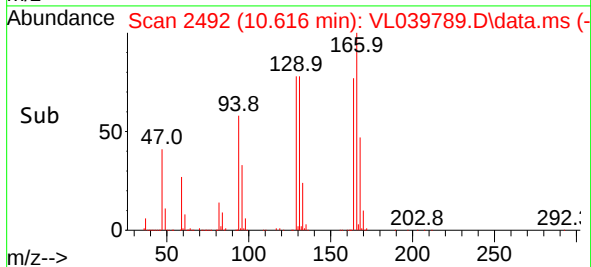
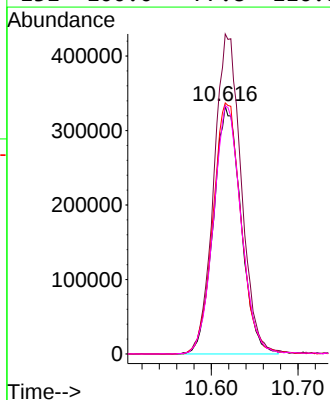
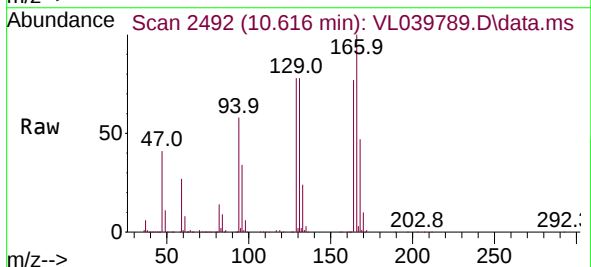
Manual Integrations
APPROVED

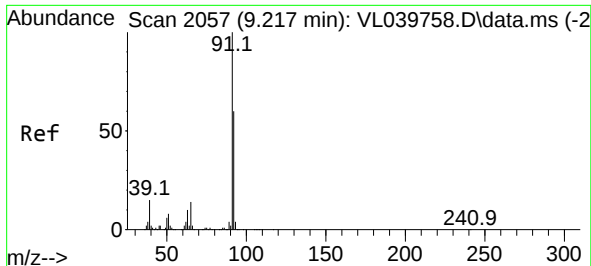
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Tetrachloroethene
Concen: 10.403 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

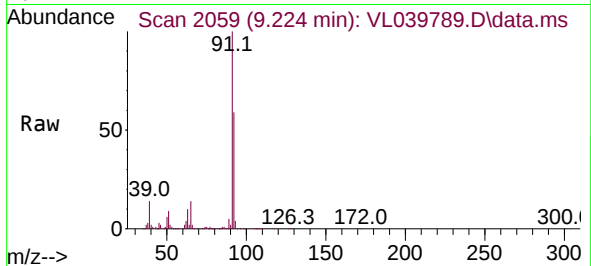
Tgt Ion:164 Resp: 734332
Ion Ratio Lower Upper
164 100
166 129.1 101.8 152.6
129 101.2 77.5 116.3
131 100.0 77.8 116.8





#53
Toluene
Concen: 11.663 ppbv
RT: 9.224 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

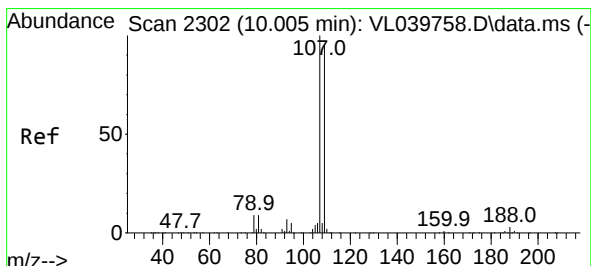
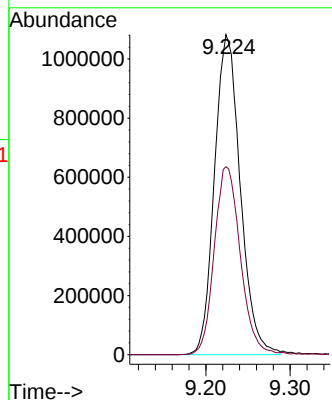
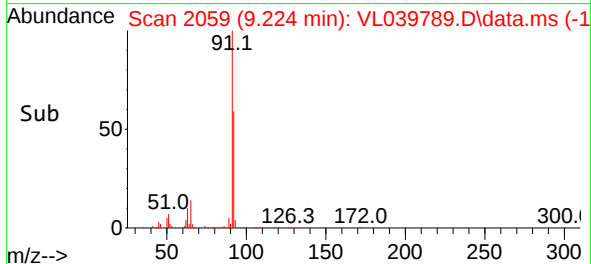
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



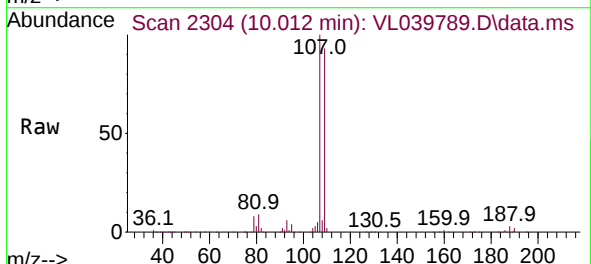
Tgt Ion: 91 Resp: 2302549
Ion Ratio Lower Upper
91 100
92 59.5 48.0 72.0

Manual Integrations
APPROVED

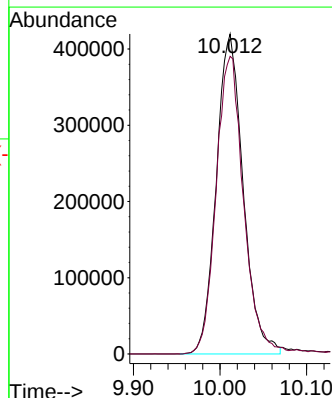
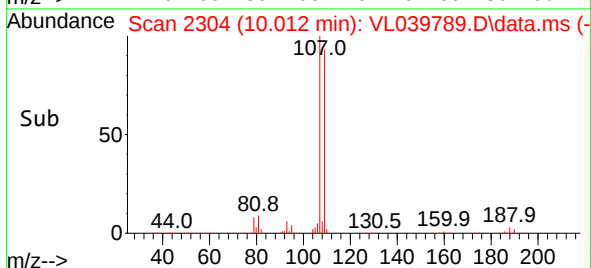
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

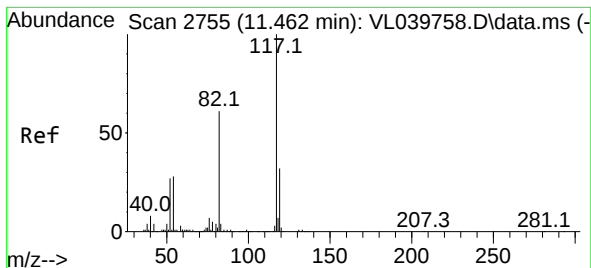


#54
1,2-Dibromoethane
Concen: 11.466 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



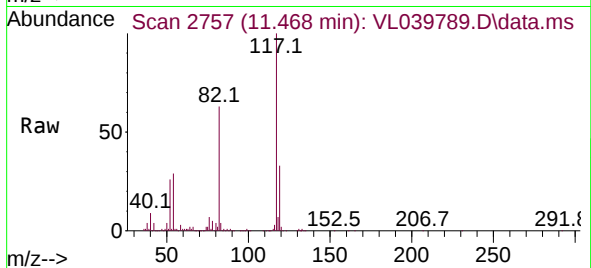
Tgt Ion:107 Resp: 904741
Ion Ratio Lower Upper
107 100
109 93.0 75.8 113.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.468 min Scan# 2755
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

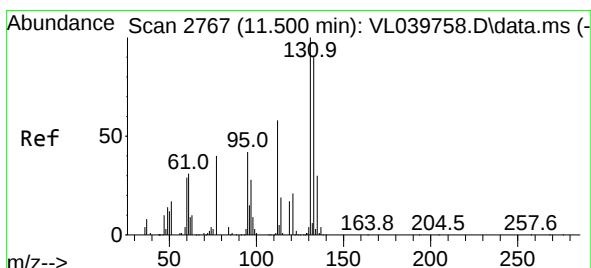
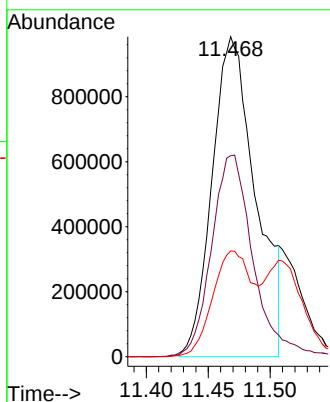
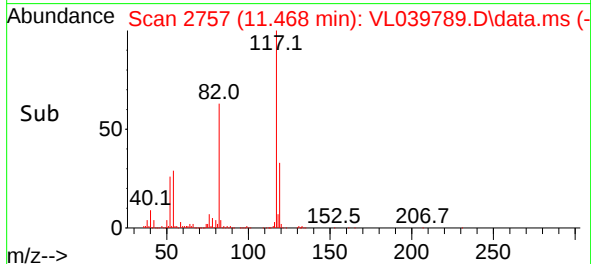
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



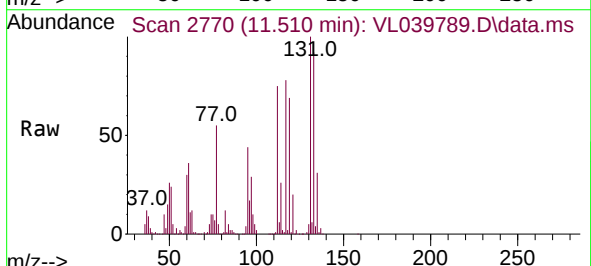
Tgt Ion:117 Resp: 240329
Ion Ratio Lower Upper
117 100
82 60.9 49.9 74.9
119 28.3 25.2 37.8

Manual Integrations
APPROVED

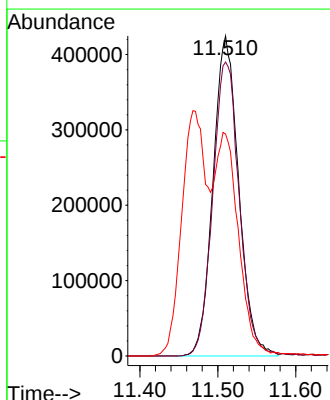
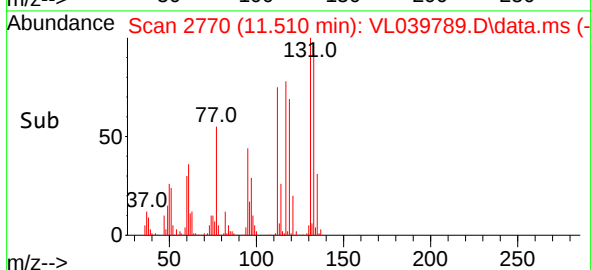
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

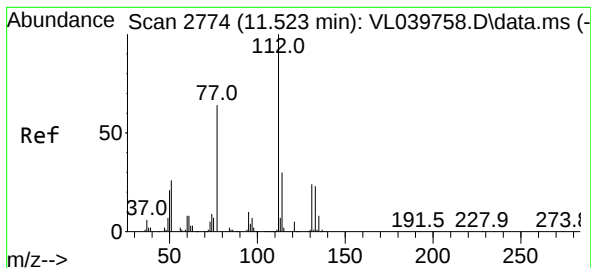


#56
1,1,1,2-Tetrachloroethane
Concen: 9.548 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



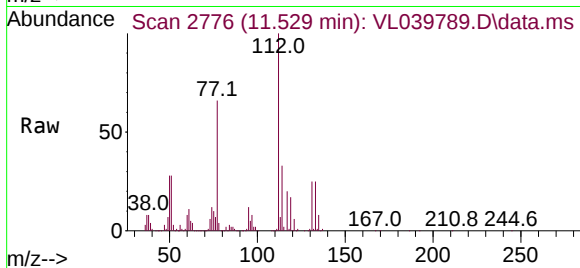
Tgt Ion:131 Resp: 970929
Ion Ratio Lower Upper
131 100
133 95.4 77.1 115.7
119 70.7 52.0 78.0





#57
Chlorobenzene
Concen: 9.367 ppbv
RT: 11.529 min Scan# 211
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

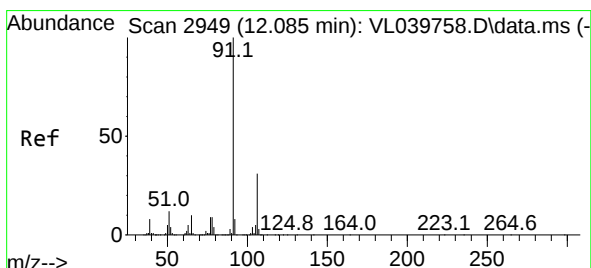
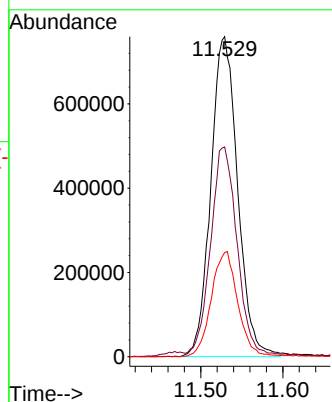
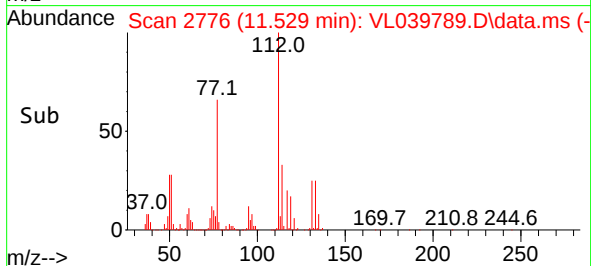
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion:112 Resp: 172685
Ion Ratio Lower Upper
112 100
77 64.7 51.5 77.3
114 32.5 27.1 33.1

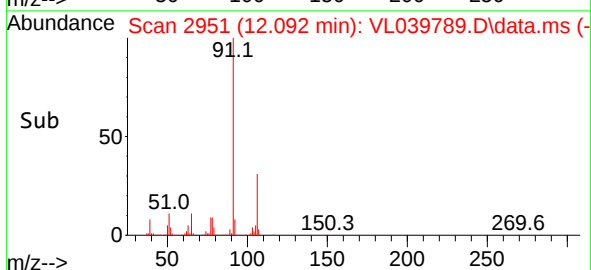
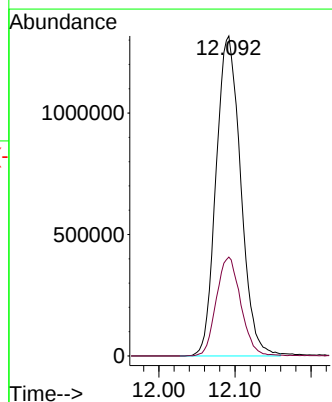
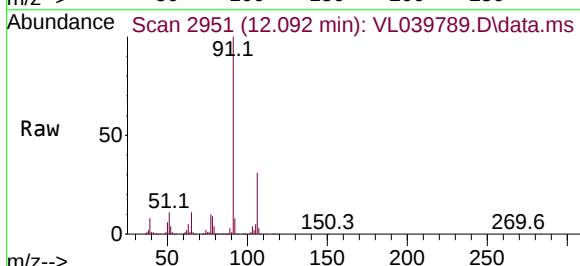
Manual Integrations
APPROVED

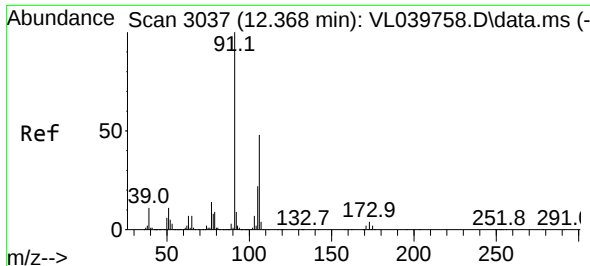
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#58
Ethyl Benzene
Concen: 10.812 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 91 Resp: 2960289
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8





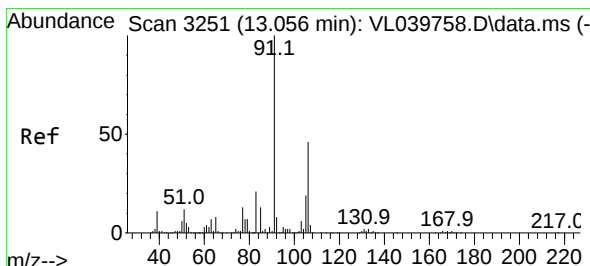
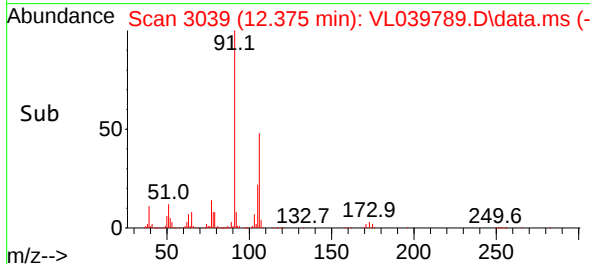
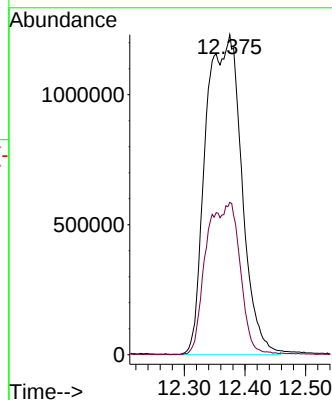
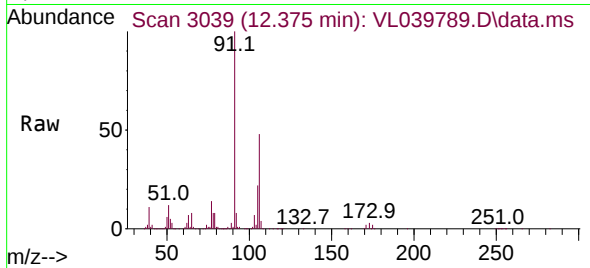
#59
m/p-Xylene
Concen: 20.410 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion: 91 Resp: 504372
Ion Ratio Lower Upper
91 100
106 45.1 36.4 54.6

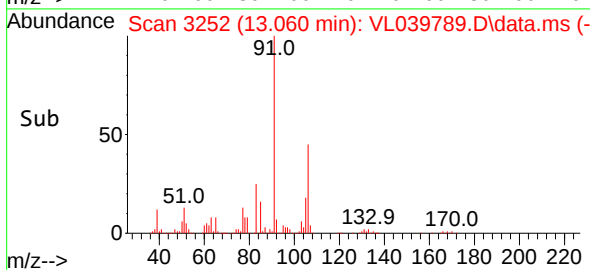
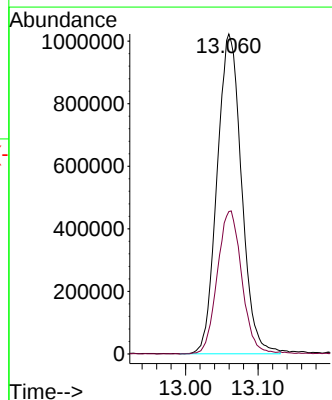
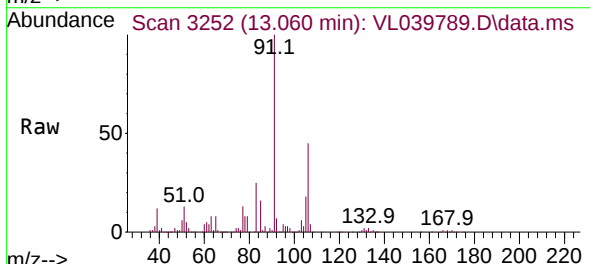
Manual Integrations
APPROVED

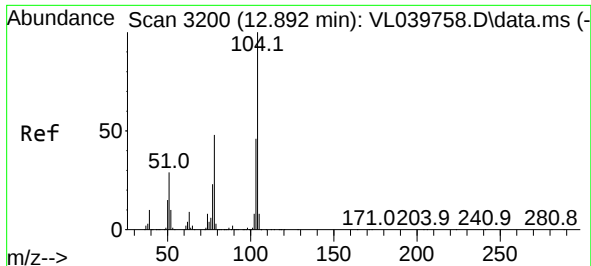
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
o-Xylene
Concen: 10.321 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

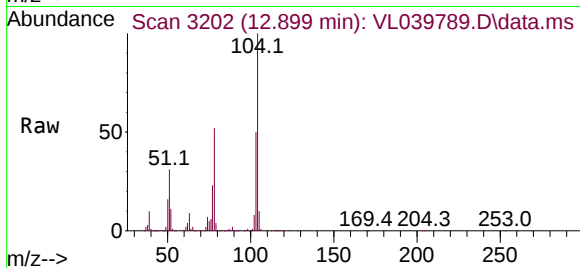
Tgt Ion: 91 Resp: 2391553
Ion Ratio Lower Upper
91 100
106 45.4 22.9 68.8





#61
Styrene
Concen: 11.564 ppbv
RT: 12.899 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

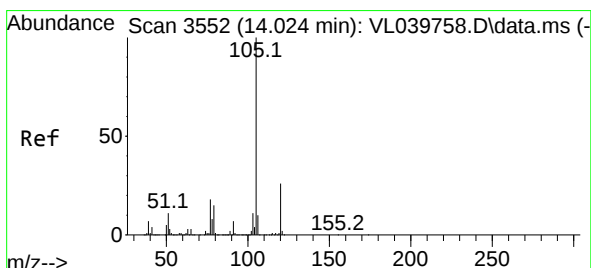
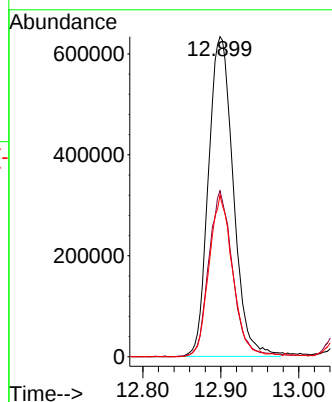
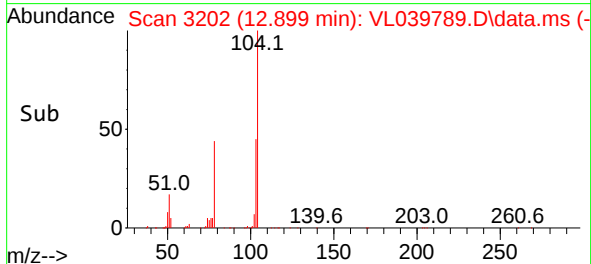
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



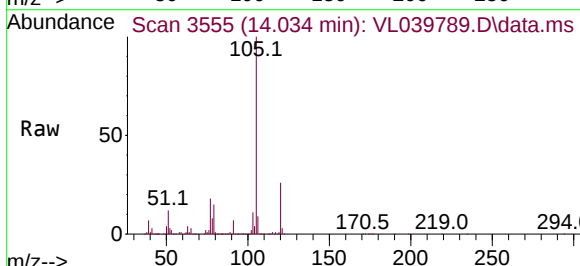
Tgt Ion:104 Resp: 1407229
Ion Ratio Lower Upper
104 100
78 50.3 39.9 59.9
103 48.3 38.8 58.2

Manual Integrations
APPROVED

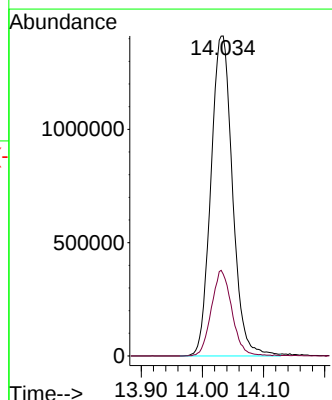
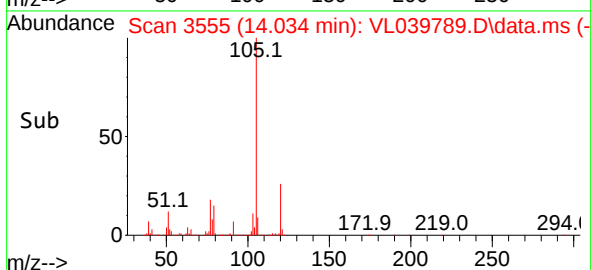
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

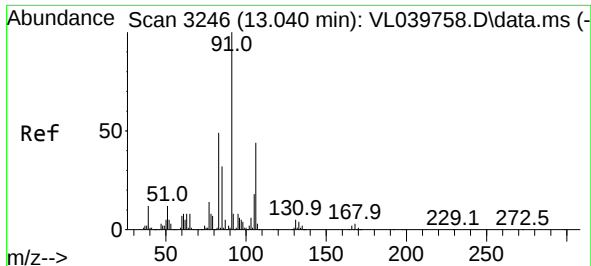


#62
Isopropylbenzene
Concen: 9.787 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



Tgt Ion:105 Resp: 3464532
Ion Ratio Lower Upper
105 100
120 25.6 20.4 30.6





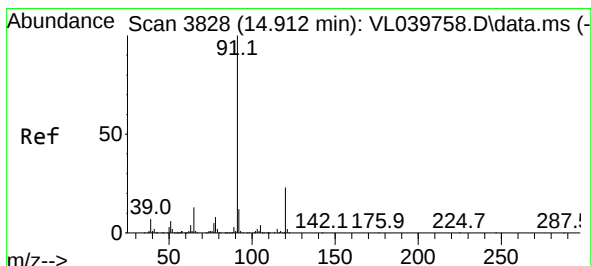
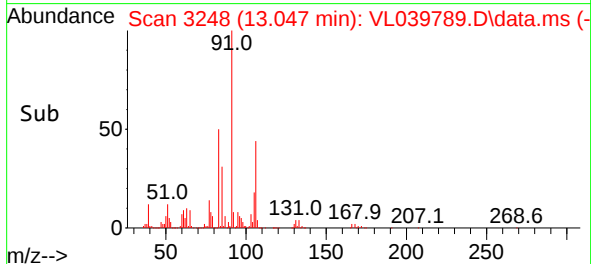
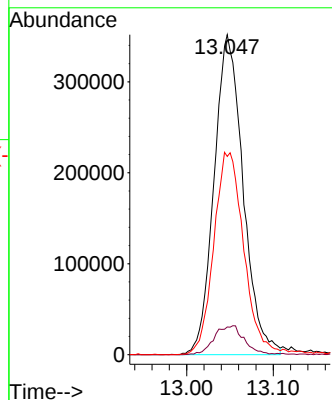
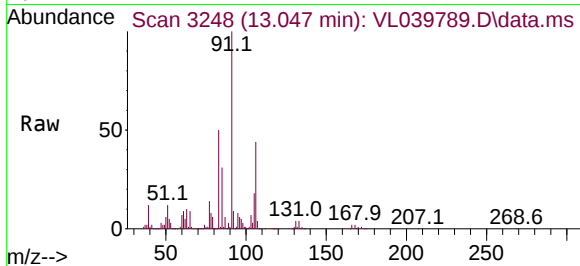
#63
1,1,2,2-Tetrachloroethane
Concen: 8.408 ppbv
RT: 13.047 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion: 83 Resp: 819429
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 66.0 33.6 100.6

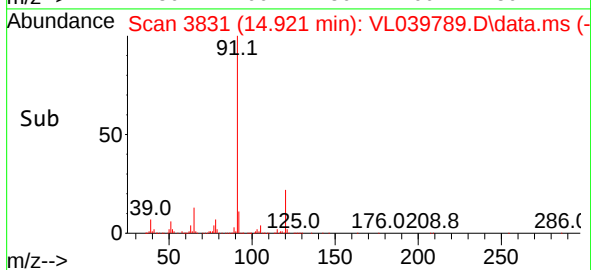
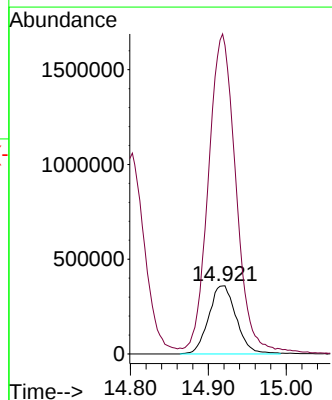
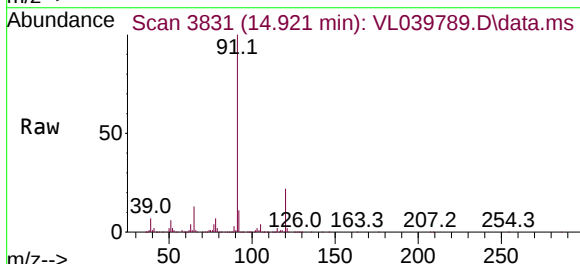
Manual Integrations
APPROVED

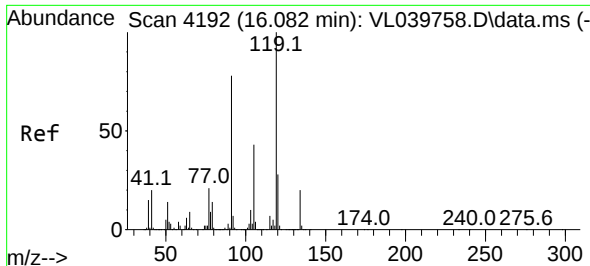
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
n-propylbenzene
Concen: 9.817 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

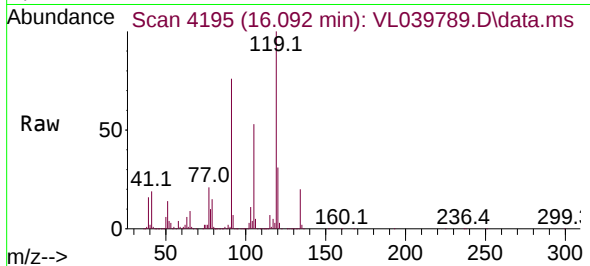
Tgt Ion:120 Resp: 880046
Ion Ratio Lower Upper
120 100
91 475.7 386.6 579.8





#65
tert-Butylbenzene
Concen: 9.545 ppbv
RT: 16.092 min Scan# 4192
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

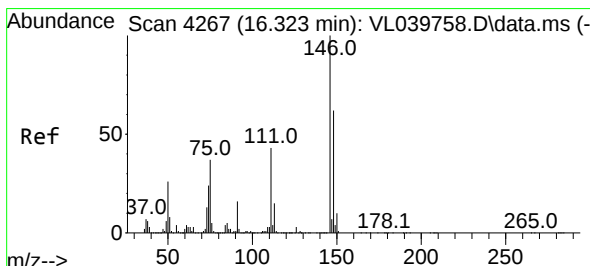
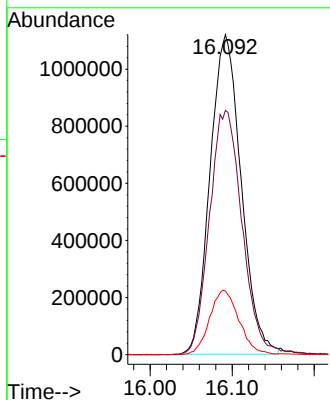
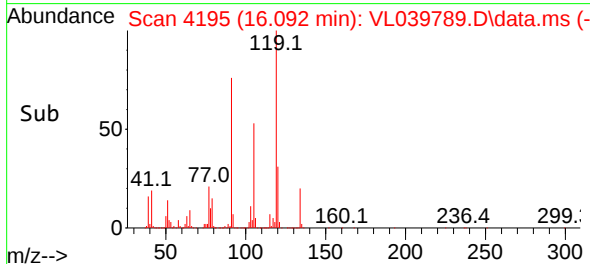
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



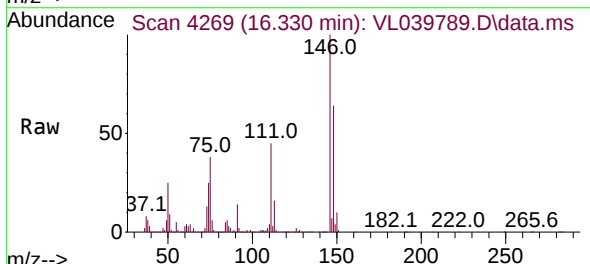
Tgt Ion: 119 Resp: 294444
Ion Ratio Lower Upper
119 100
91 80.4 63.3 94.9
134 19.3 15.5 23.3

Manual Integrations
APPROVED

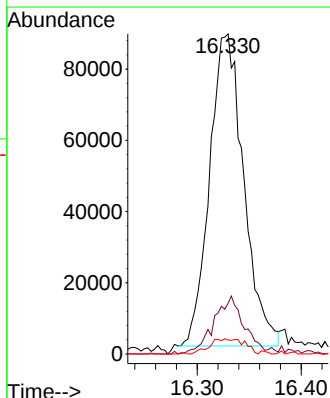
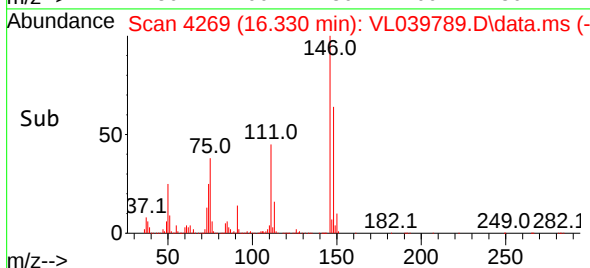
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

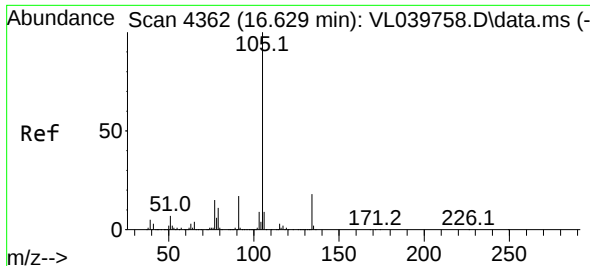


#66
Benzyl Chloride
Concen: 9.109 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



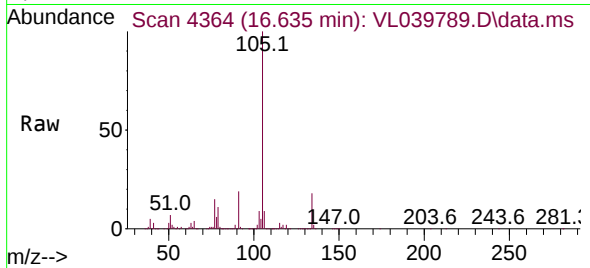
Tgt Ion: 91 Resp: 199330
Ion Ratio Lower Upper
91 100
126 18.0 13.8 20.6
128 5.2 5.1 7.7





#67
 sec-Butylbenzene
 Concen: 9.505 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

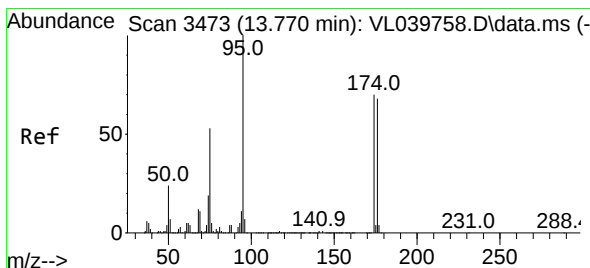
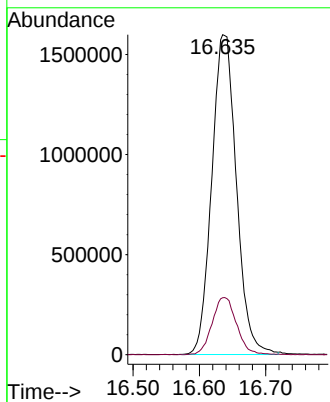
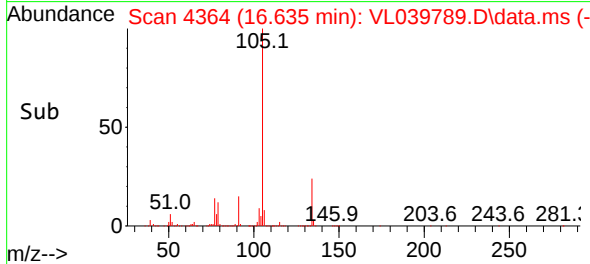
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01



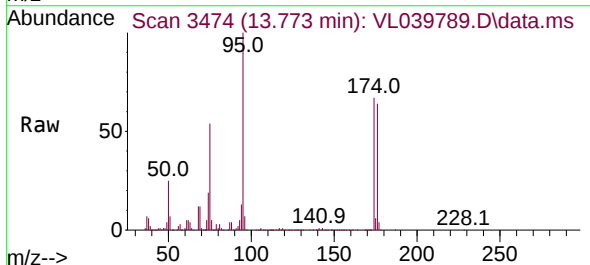
Tgt Ion:105 Resp: 4129958
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.3 21.5

Manual Integrations
 APPROVED

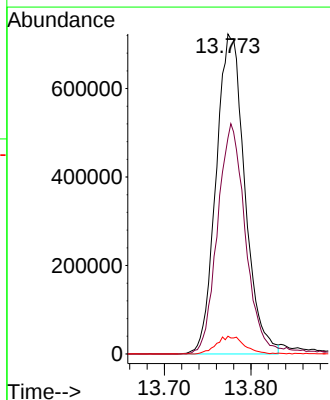
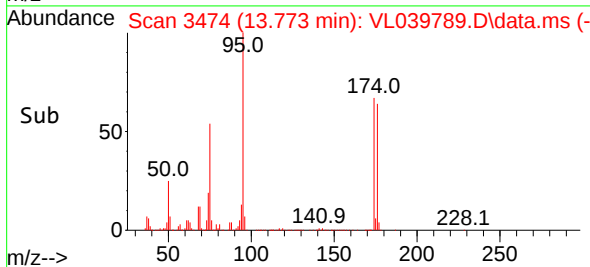
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

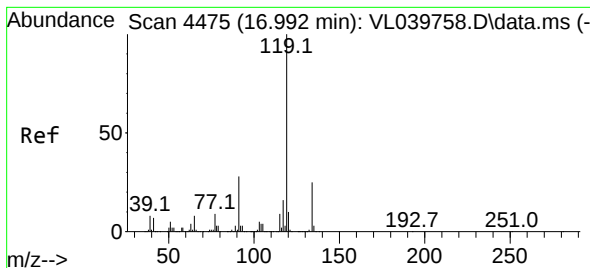


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.738 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.003 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50



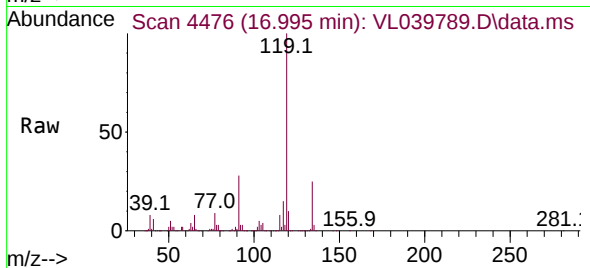
Tgt Ion: 95 Resp: 1664906
 Ion Ratio Lower Upper
 95 100
 174 72.0 57.3 85.9
 175 5.4 4.2 6.2





#69
p-Isopropyltoluene
Concen: 9.713 ppbv
RT: 16.995 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

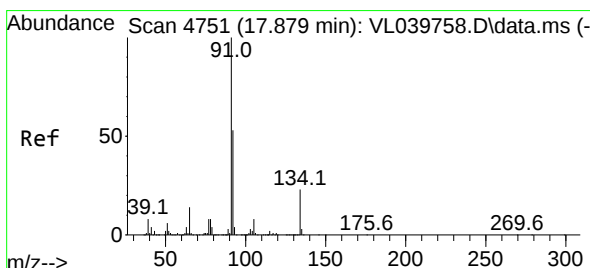
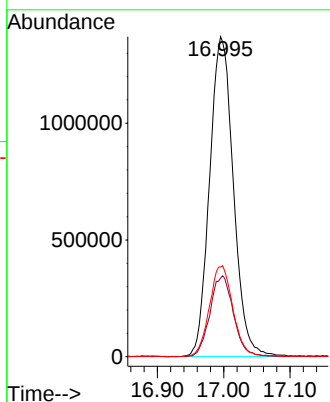
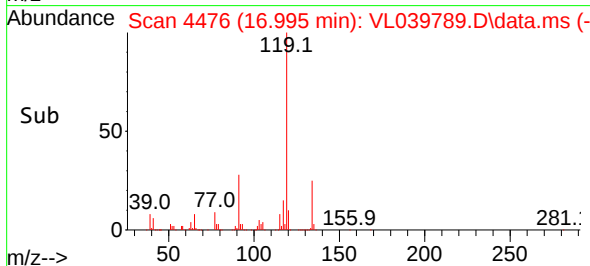
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



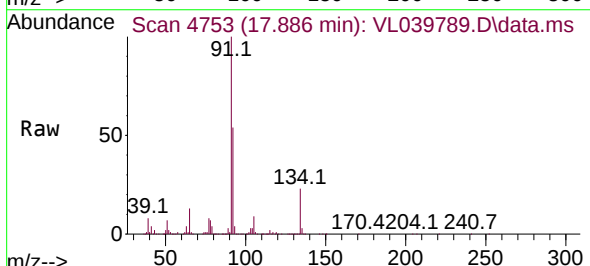
Tgt Ion: 119 Resp: 341383
Ion Ratio Lower Upper
119 100
134 25.1 19.8 29.6
91 28.1 22.2 33.2

Manual Integrations
APPROVED

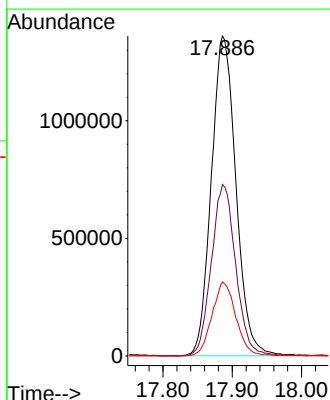
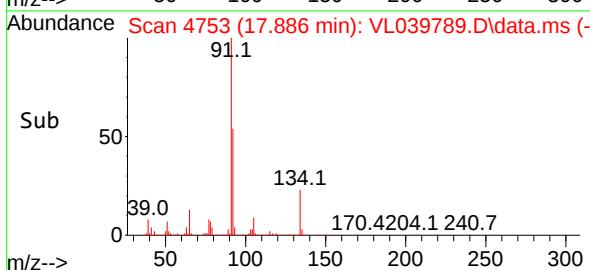
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

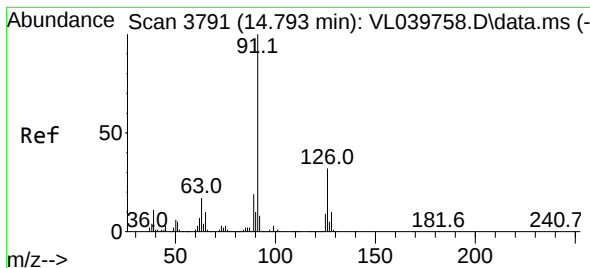


#70
n-Butylbenzene
Concen: 9.969 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



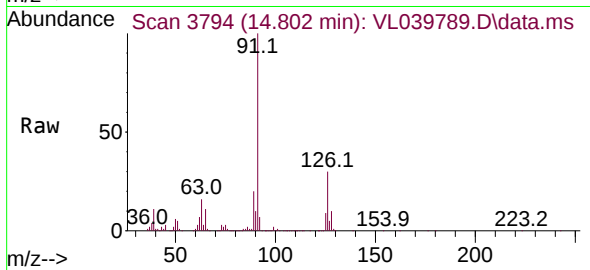
Tgt Ion: 91 Resp: 3350445
Ion Ratio Lower Upper
91 100
92 53.1 43.0 64.6
134 22.6 18.5 27.7





#71
2-Chlorotoluene
Concen: 9.955 ppbv
RT: 14.802 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

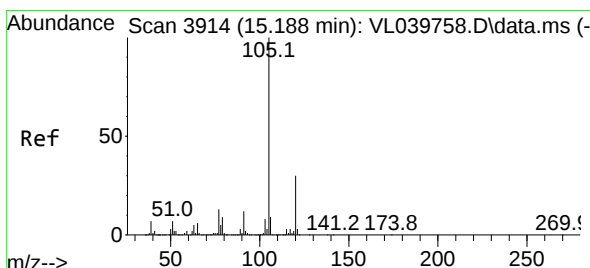
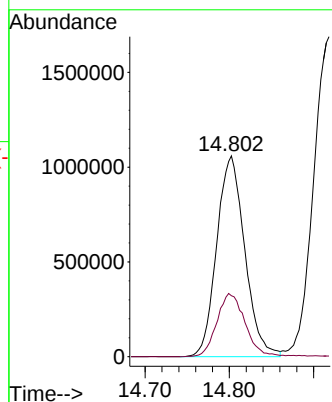
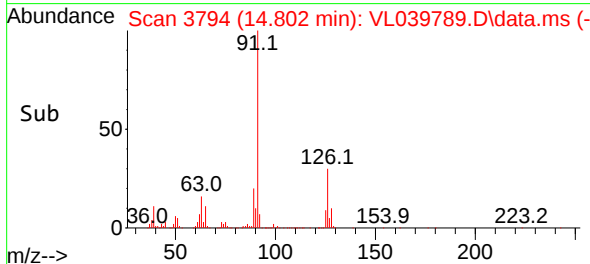
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



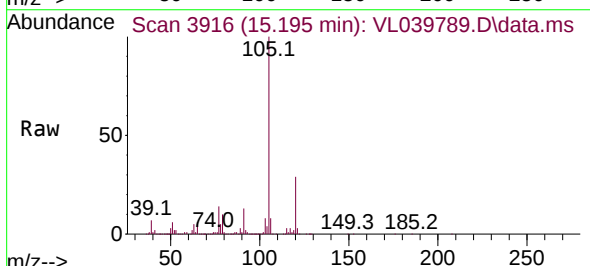
Tgt Ion: 91 Resp: 2447560
Ion Ratio Lower Upper
91 100
126 32.4 13.0 52.0

Manual Integrations
APPROVED

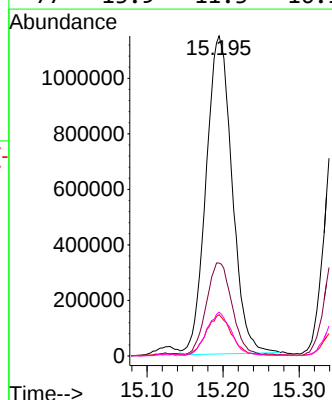
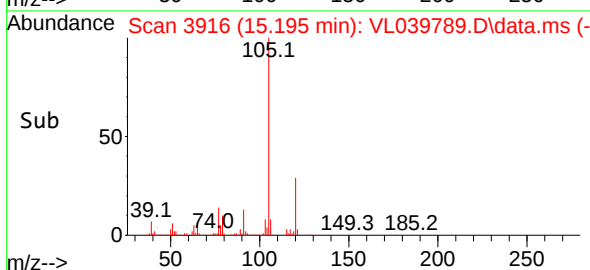
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

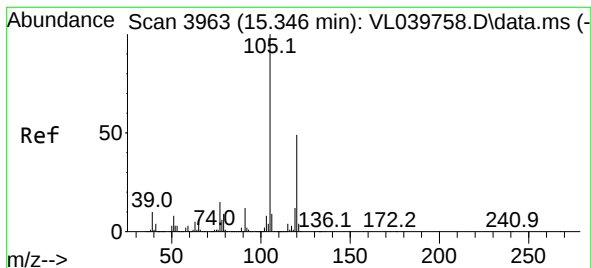


#72
4-Ethyltoluene
Concen: 10.195 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



Tgt Ion:105 Resp: 2721045
Ion Ratio Lower Upper
105 100
120 30.6 25.0 37.6
91 12.3 10.2 15.2
77 13.9 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 10.099 ppbv

RT: 15.352 min Scan# 3963

Delta R.T. 0.006 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion:105 Resp: 2412319

Ion Ratio Lower Upper

105 100

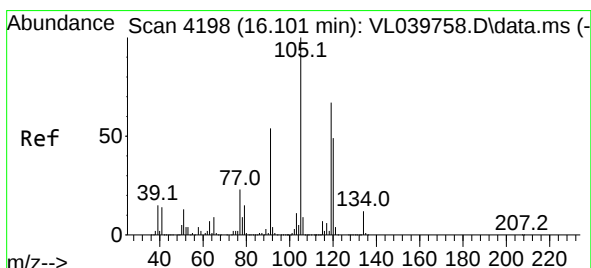
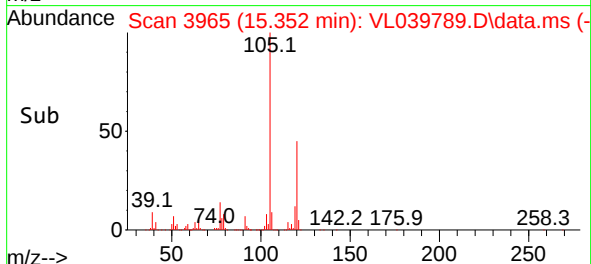
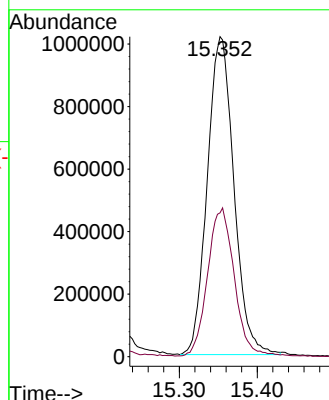
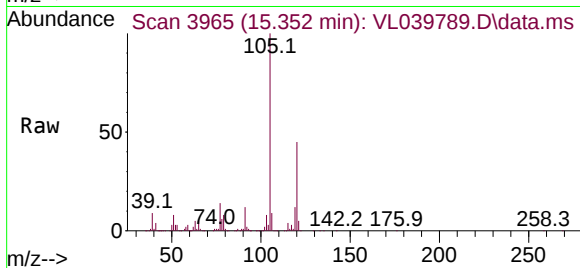
120 45.0 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.542 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.006 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Tgt Ion:105 Resp: 2581327

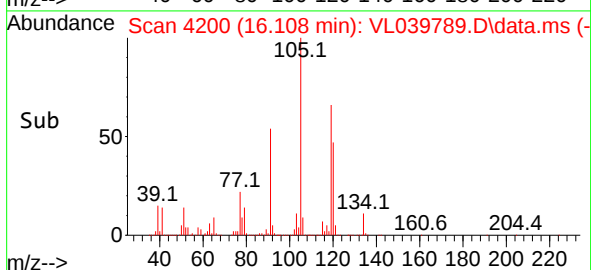
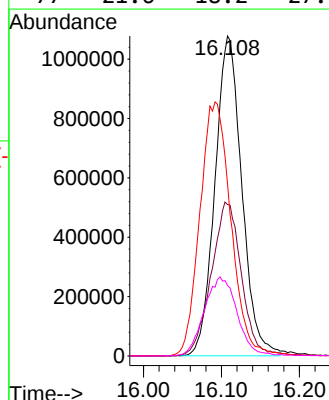
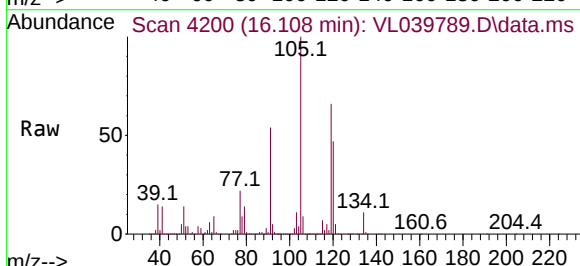
Ion Ratio Lower Upper

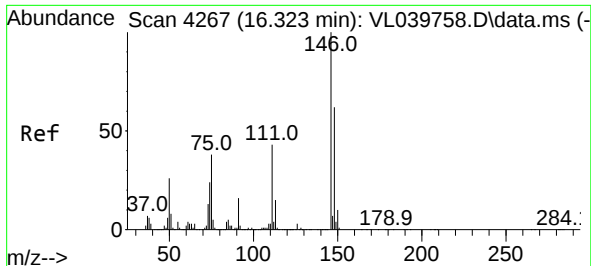
105 100

120 47.0 39.6 59.4

91 52.9 42.9 64.3

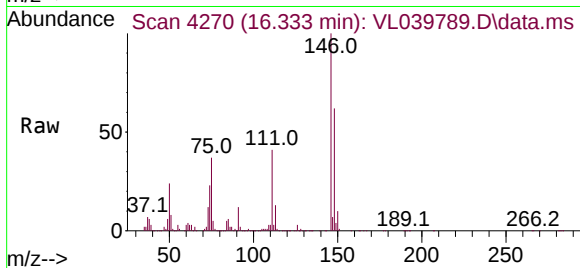
77 21.6 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 9.126 ppbv
RT: 16.333 min Scan# 4313
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

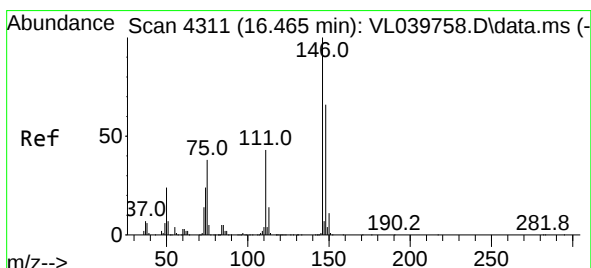
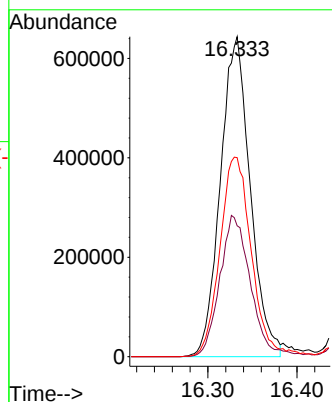
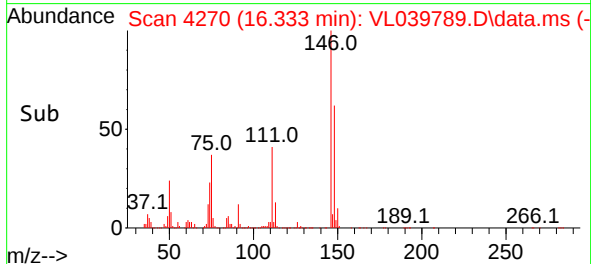
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



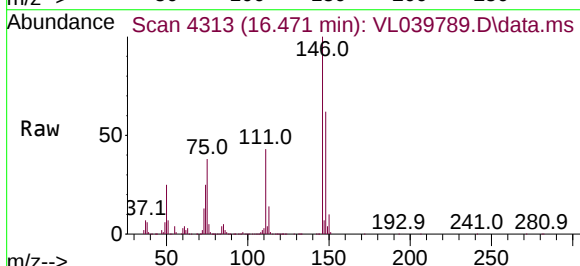
Tgt Ion:146 Resp: 149840
Ion Ratio Lower Upper
146 100
111 45.6 22.4 67.3
148 66.1 32.4 97.0

Manual Integrations
APPROVED

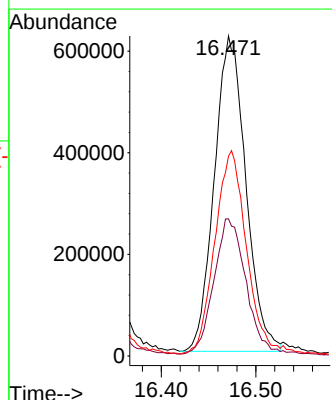
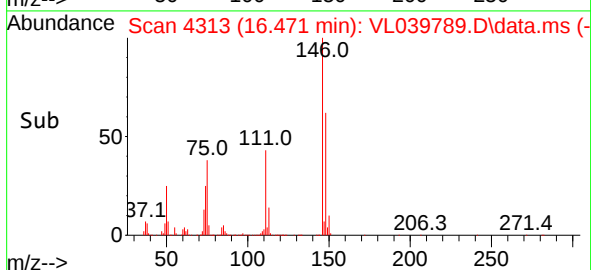
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

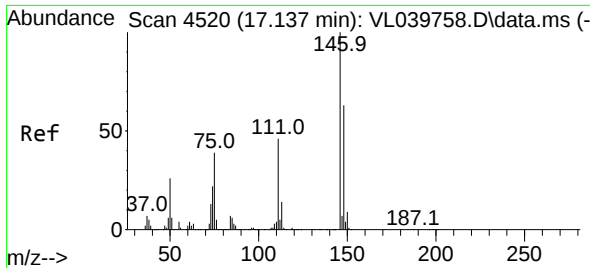


#76
1,4-Dichlorobenzene
Concen: 9.158 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



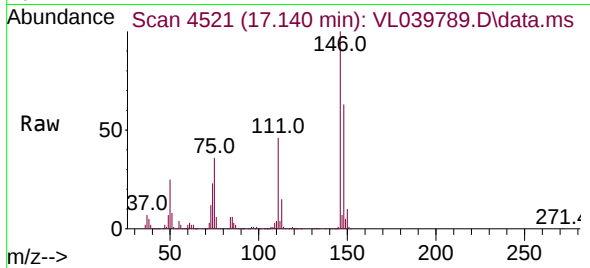
Tgt Ion:146 Resp: 1434092
Ion Ratio Lower Upper
146 100
111 46.5 22.0 66.0
148 67.2 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 9.218 ppbv
RT: 17.140 min Scan# 4520
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

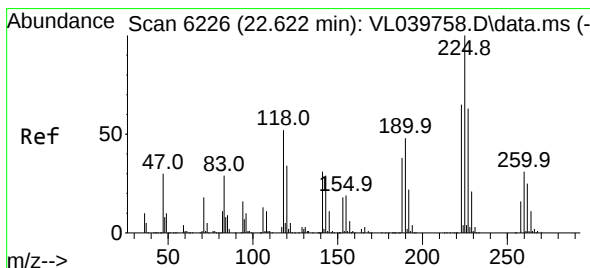
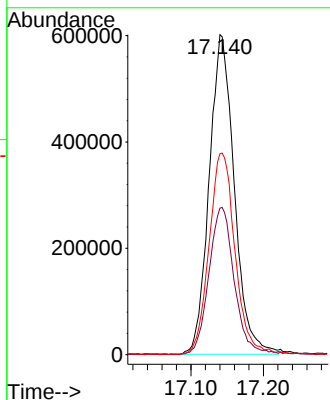
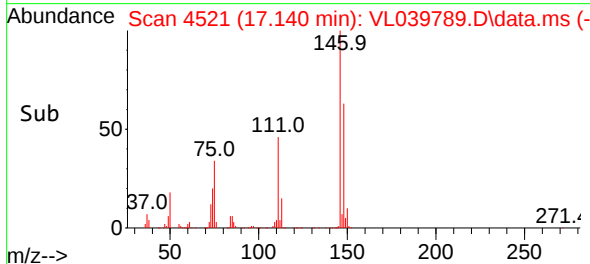
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



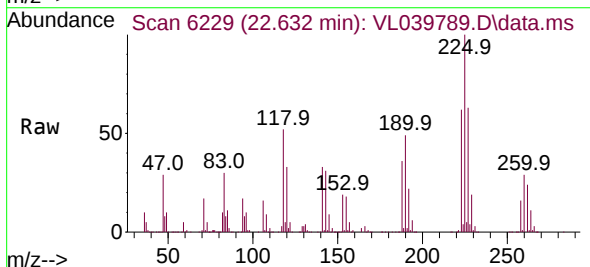
Tgt Ion:146 Resp: 144316
Ion Ratio Lower Upper
146 100
111 47.0 23.8 71.4
148 65.6 32.3 96.9

Manual Integrations
APPROVED

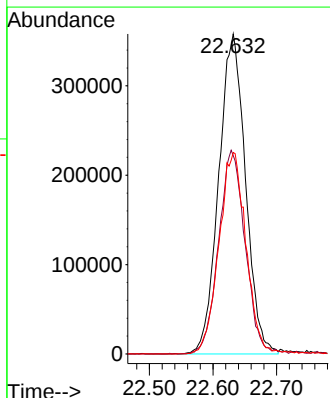
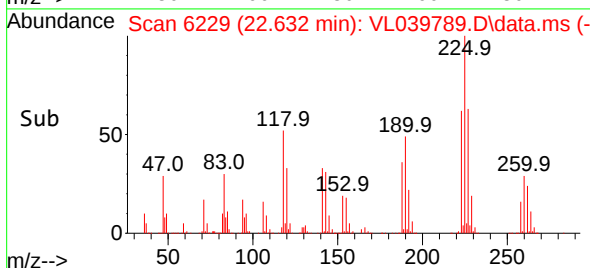
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

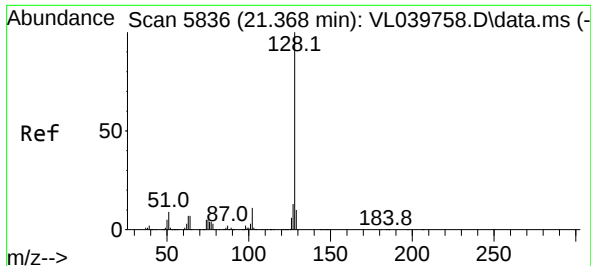


#78
Hexachloro-1,3-Butadiene
Concen: 8.769 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



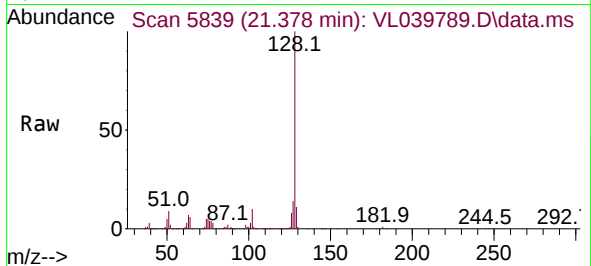
Tgt Ion:225 Resp: 1046309
Ion Ratio Lower Upper
225 100
223 63.3 50.8 76.2
227 64.3 51.0 76.4





#79
Naphthalene
Concen: 12.766 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

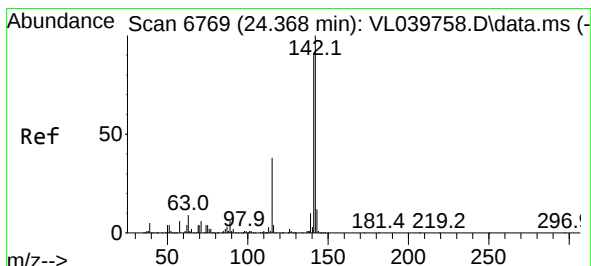
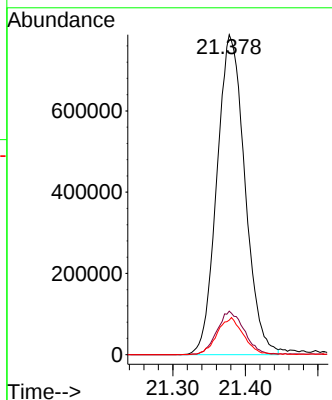
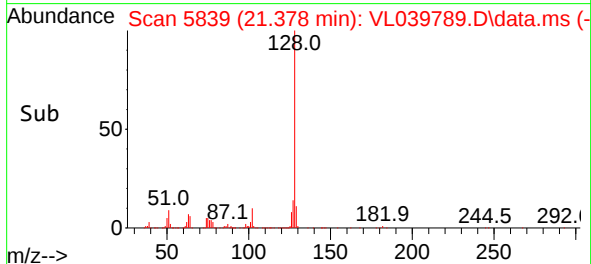
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



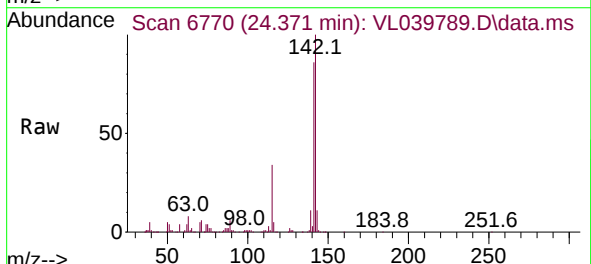
Tgt Ion:128 Resp: 211188
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.8 8.4 12.6

Manual Integrations
APPROVED

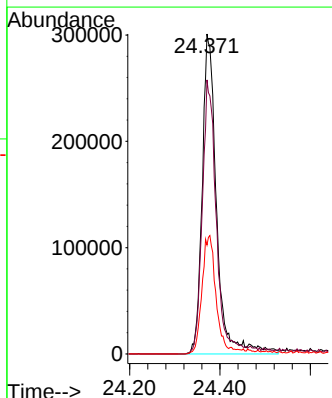
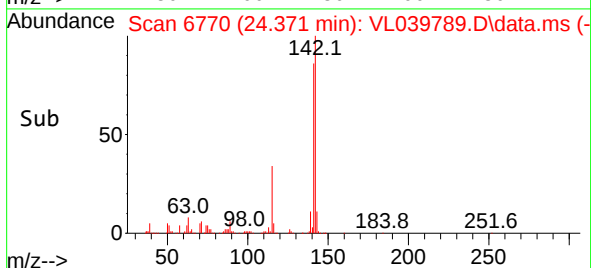
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

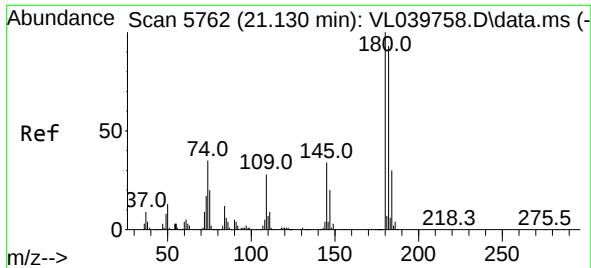


#80
Naphthalene,2-methyl-
Concen: 11.844 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



Tgt Ion:142 Resp: 665328
Ion Ratio Lower Upper
142 100
141 84.8 65.7 98.5
115 37.7 28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 10.864 ppbv

RT: 21.140 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL039789.D

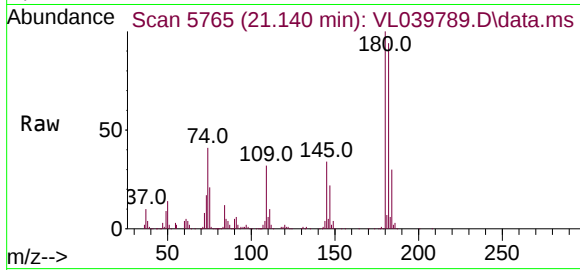
Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01



Tgt Ion:180 Resp: 118774

Ion Ratio Lower Upper

180 100

182 95.8 77.5 116.3

184 30.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022

