

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039769.D
 Acq On : 24 Oct 2022 22:52
 Operator : SY/AP
 Sample : VL1024ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1024ABS01

Quant Time: Oct 24 23:27:14 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/26/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Bromochloromethane	5.198	49	987775	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2569173	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2592112m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1743575 9.456 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	1073462	10.379	ppbv	99
3) Chlorodifluoromethane	2.694	51	1102764	9.294	ppbv	99
4) Chloromethane	2.832	50	703195	9.467	ppbv	99
5) Vinyl Chloride	2.938	62	600624	9.749	ppbv	99
6) Bromomethane	3.137	94	193494	8.742	ppbv	99
7) Chloroethane	3.214	64	215416	9.736	ppbv	92
8) Dichlorotetrafluoroethane	2.877	85	1355300	10.038	ppbv	99
9) Propene	2.713	41	511340	10.030	ppbv	95
10) Heptane	7.581	43	1297367	10.629	ppbv	99
11) Trichlorofluoromethane	3.578	101	1403114	9.710	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.079	101	1085341	9.685	ppbv	100
13) Ethanol	3.259	45	29115	7.952	ppbv	87
14) Bromoethene	3.382	108	442487	9.950	ppbv	96
15) Acetone	3.485	43	1051356	8.911	ppbv	99
16) 1,3-Butadiene	3.002	39	567785	9.737	ppbv	99
17) tert-Butyl alcohol	3.890	59	885134	9.198	ppbv	98
18) 1,1-Dichloroethene	3.893	96	484401	9.823	ppbv	99
19) Isopropyl Alcohol	3.591	45	551696	9.980	ppbv #	97
20) Methylene Chloride	3.944	84	402789	8.974	ppbv	99
21) Allyl Chloride	4.009	41	737990	9.664	ppbv	99
22) trans-1,2-Dichloroethene	4.456	96	485986	9.487	ppbv	98
23) Vinyl Acetate	4.636	43	424097	9.325	ppbv	99
24) 1,1-Dichloroethane	4.575	63	985323	9.303	ppbv	100
25) Ethyl Acetate	5.214	43	2325353	10.081	ppbv	99
26) Hexane	5.221	57	961462	10.024	ppbv	99
27) Carbon Disulfide	4.137	76	1168995	10.267	ppbv	98
28) Methyl tert-Butyl Ether	4.597	73	762095	9.133	ppbv	99
29) Chloroform	5.282	83	1455811	9.655	ppbv	96
30) Cyclohexane	6.603	84	805542	10.250	ppbv	98
31) cis-1,2-Dichloroethene	5.086	61	909960	9.829	ppbv	98
32) 1,1,1-Trichloroethane	6.009	97	1382491	10.102	ppbv	99
34) 2-Butanone	4.796	43	1188643	9.834	ppbv	99
35) Carbon Tetrachloride	6.497	117	1493054	10.193	ppbv	99
36) Benzene	6.375	78	1971907	9.966	ppbv	100
37) 1,2-Dichloroethane	5.812	62	1070200	9.960	ppbv	99
38) Trichloroethene	7.291	130	1156748	10.356	ppbv	97
39) 1,2-Dichloropropane	7.076	63	748365	9.818	ppbv	95
40) 1,4-Dioxane	7.285	88	290636	11.186	ppbv #	100
41) Tetrahydrofuran	5.565	42	802640	10.688	ppbv	99
42) Bromodichloromethane	7.250	83	1561920	10.322	ppbv	97
43) Methyl Methacrylate	7.478	69	783022	11.364	ppbv	98
44) 2,2,4-Trimethylpentane	7.327	57	3365559	10.174	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	696446	11.897	ppbv	99

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 ClientSampleId :
 VL1024ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/26/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 24 23:27:14 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	8.144	75	965813	11.498	ppbv	96
47) 1,1,2-Trichloroethane	8.899	97	817503	10.017	ppbv	98
48) Dibromochloromethane	9.706	129	1332970	10.145	ppbv	100
49) Bromoform	12.397	173	1082437	10.115	ppbv	97
50) 4-Methyl-2-Pentanone	8.182	43	2121938	11.189	ppbv	99
51) 2-Hexanone	9.549	43	1640049	11.813	ppbv #	99
52) Tetrachloroethene	10.613	164	731007	9.863	ppbv	97
53) Toluene	9.221	91	2299117	11.091	ppbv	100
54) 1,2-Dibromoethane	10.005	107	905014	10.923	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.507	131	977310	8.910	ppbv	97
57) Chlorobenzene	11.523	112	1728066	8.691	ppbv	98
58) Ethyl Benzene	12.082	91	2969637	10.056	ppbv	100
59) m/p-Xylene	12.368	91	5085030m	19.079	ppbv	
60) o-Xylene	13.057	91	2406824	9.631	ppbv	100
61) Styrene	12.893	104	1419318	10.814	ppbv	99
62) Isopropylbenzene	14.024	105	3494652	9.153	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	821925	7.819	ppbv	99
64) n-propylbenzene	14.912	120	895519	9.262	ppbv	96
65) tert-Butylbenzene	16.085	119	3007170	9.039	ppbv	99
66) Benzyl Chloride	16.323	91	175577	7.439	ppbv	98
67) sec-Butylbenzene	16.629	105	4194883	8.951	ppbv	100
69) p-Isopropyltoluene	16.989	119	3442352	9.080	ppbv	99
70) n-Butylbenzene	17.879	91	3402902	9.387	ppbv	100
71) 2-Chlorotoluene	14.796	91	2516353	9.489	ppbv	99
72) 4-Ethyltoluene	15.188	105	2755709	9.572	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2457568	9.539	ppbv	97
74) 1,2,4-Trimethylbenzene	16.101	105	2618747	8.975	ppbv	98
75) 1,3-Dichlorobenzene	16.323	146	1542705	8.712	ppbv	100
76) 1,4-Dichlorobenzene	16.468	146	1492230	8.835	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	1473414	8.725	ppbv	100
78) Hexachloro-1,3-Butadiene	22.625	225	1068927	8.306	ppbv	100
79) Naphthalene	21.371	128	2150233	12.051	ppbv	98
80) Naphthalene,2-methyl-	24.365	142	527104	8.700	ppbv	96
81) 1,2,4-Trichlorobenzene	21.130	180	1209774	10.259	ppbv	98

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

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 ClientSampleId :
 VL1024ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

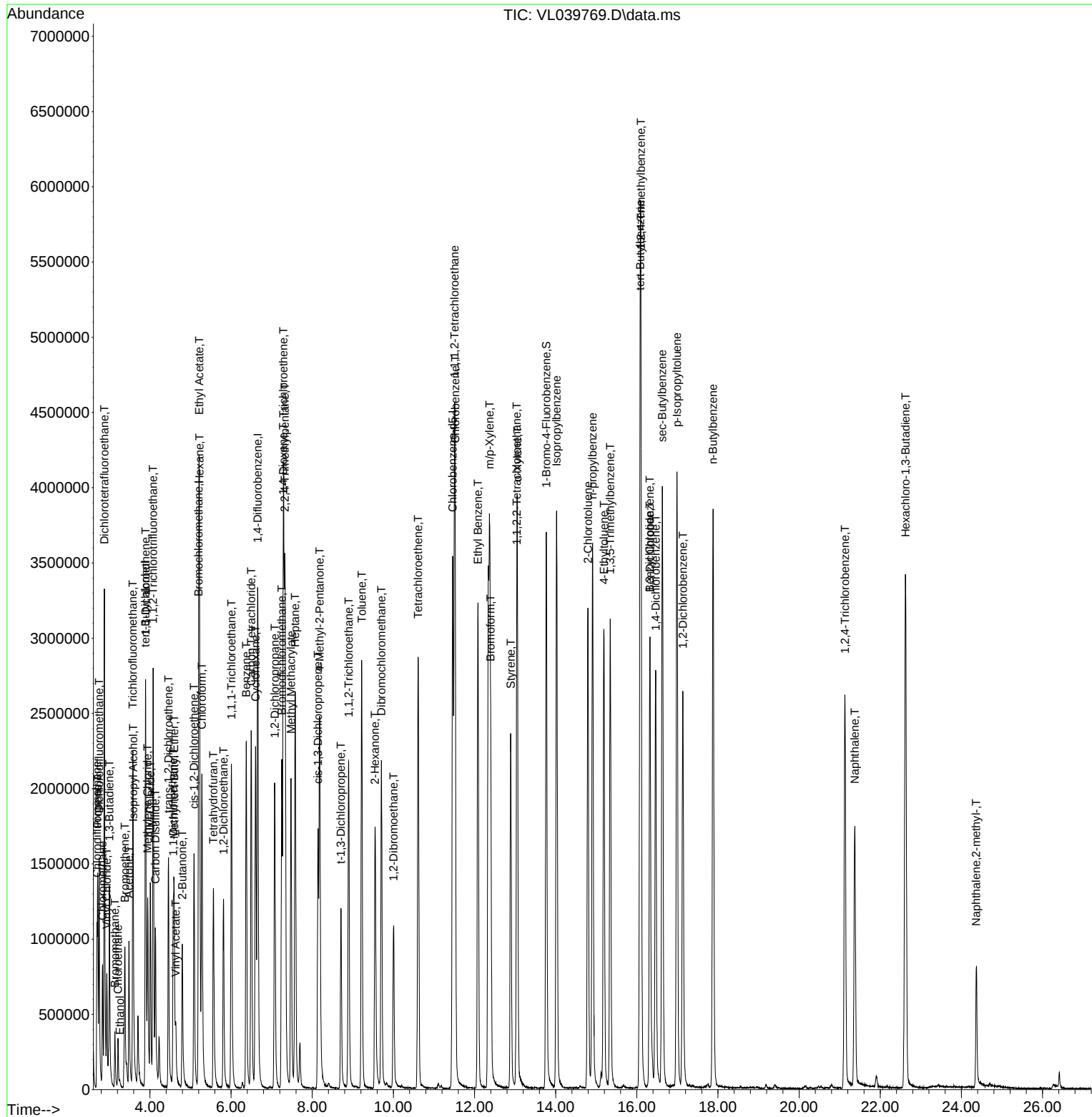
Quant Time: Oct 24 23:27:14 2022

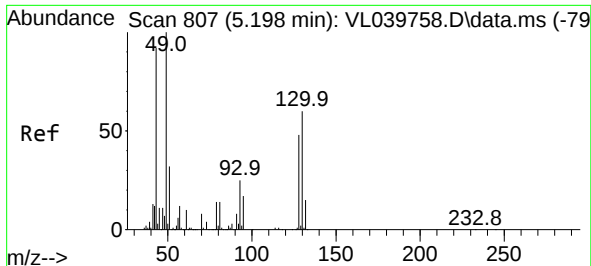
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug

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

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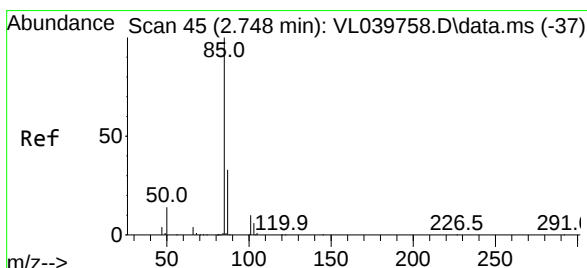
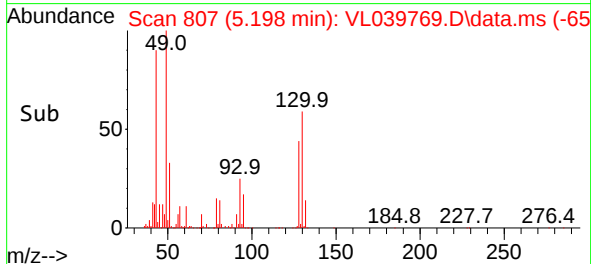
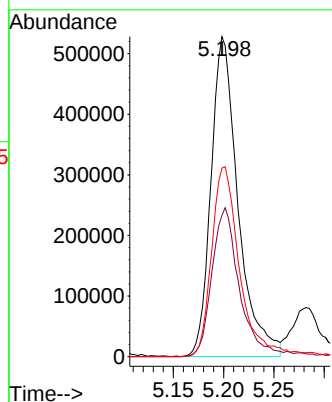
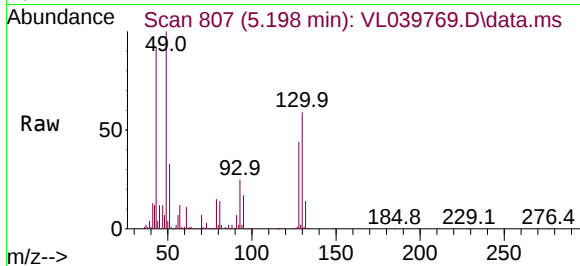
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01

Tgt Ion: 49 Resp: 987775
Ion Ratio Lower Upper
49 100
128 48.8 24.6 74.0
130 62.7 31.8 95.3

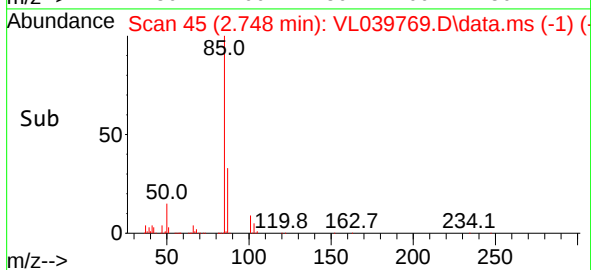
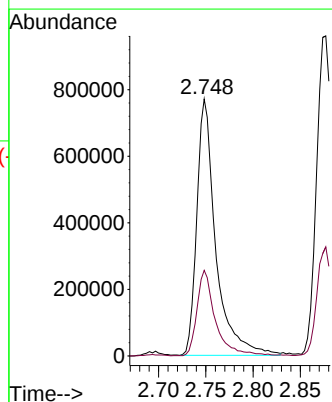
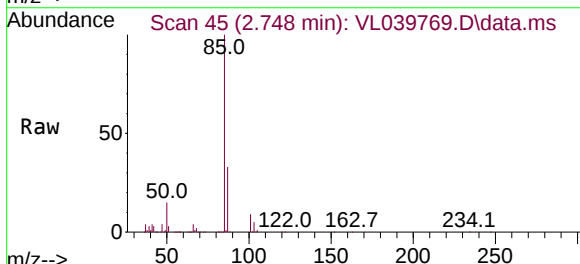
Manual Integrations
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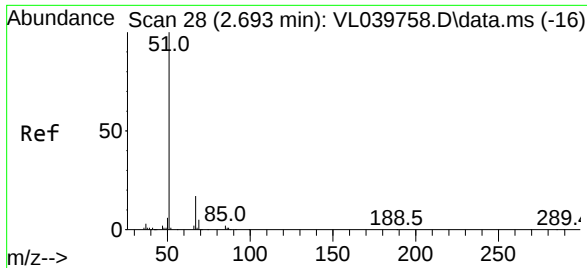
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 10.379 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

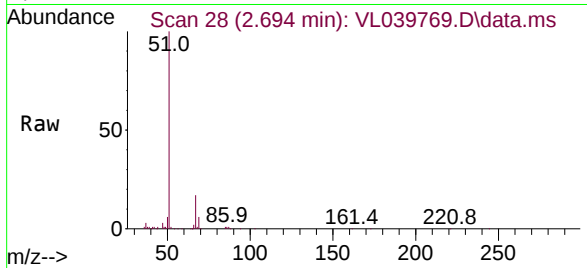
Tgt Ion: 85 Resp: 1073462
Ion Ratio Lower Upper
85 100
87 33.3 26.1 39.1





#3
Chlorodifluoromethane
Concen: 9.294 ppbv
RT: 2.694 min Scan# 28
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

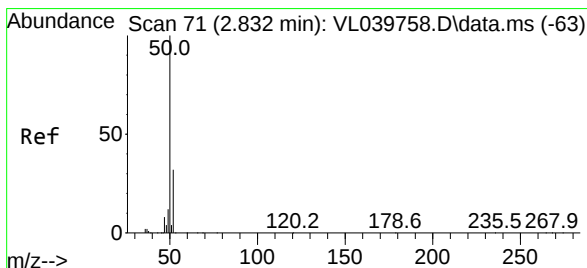
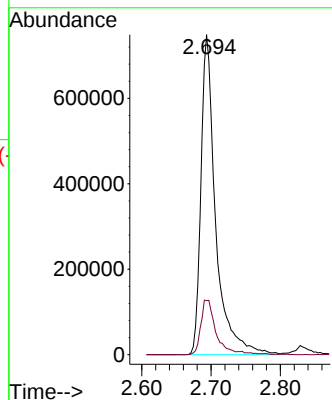
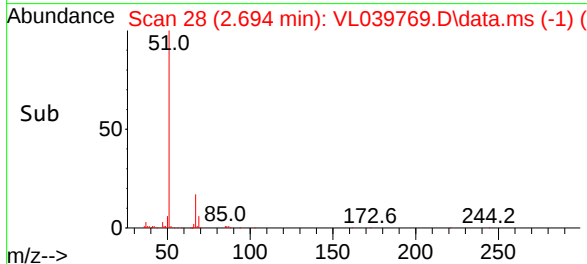
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



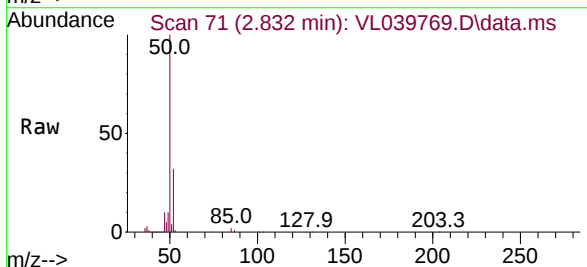
Tgt Ion: 51 Resp: 1102764
Ion Ratio Lower Upper
51 100
67 18.2 14.2 21.2

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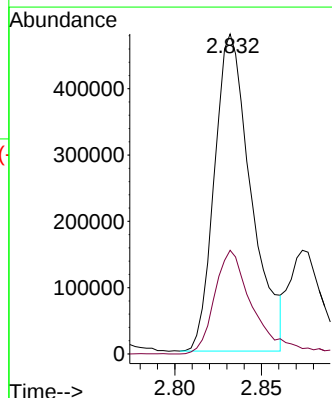
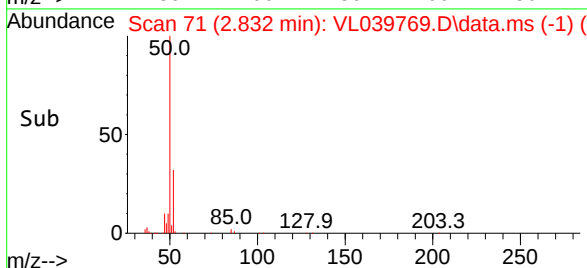
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

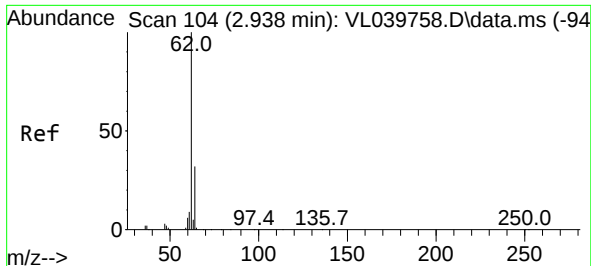


#4
Chloromethane
Concen: 9.467 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



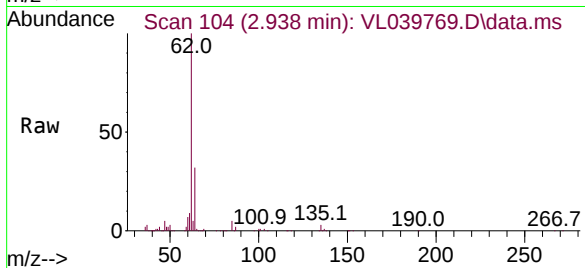
Tgt Ion: 50 Resp: 703195
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.749 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL039769.D
 Acq: 24 Oct 2022 22:52

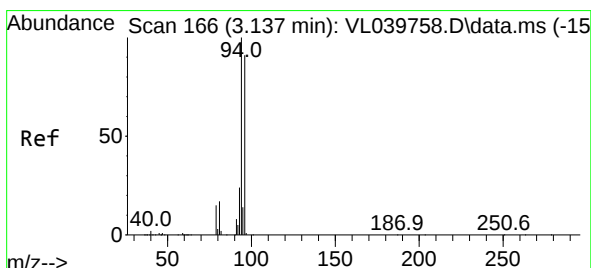
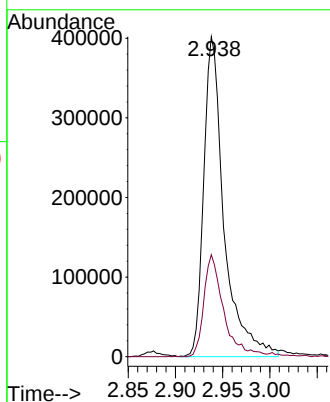
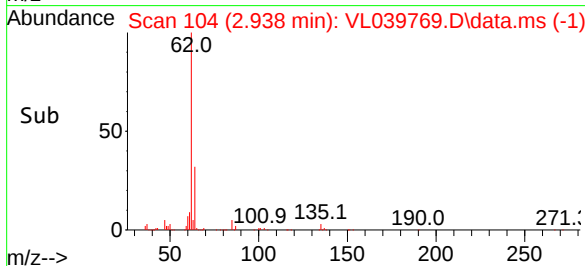
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1024ABS01



Tgt Ion: 62 Resp: 600624
 Ion Ratio Lower Upper
 62 100
 64 31.8 26.0 39.0

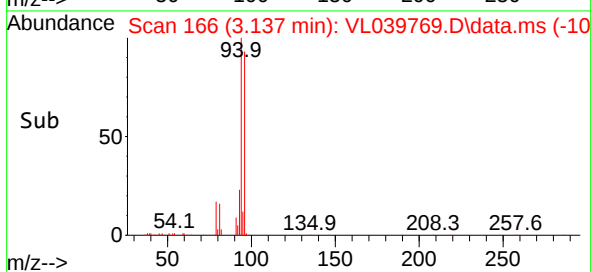
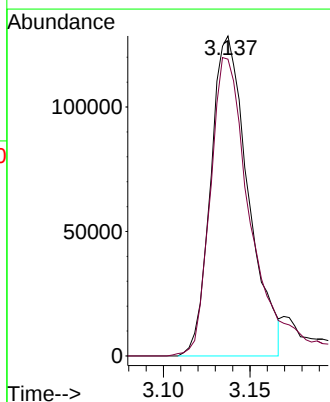
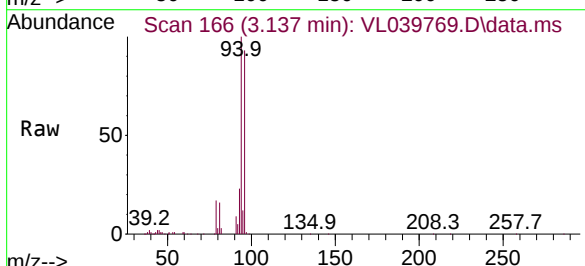
Manual Integrations
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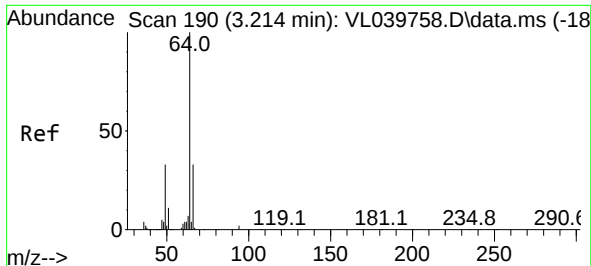
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#6
 Bromomethane
 Concen: 8.742 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. 0.000 min
 Lab File: VL039769.D
 Acq: 24 Oct 2022 22:52

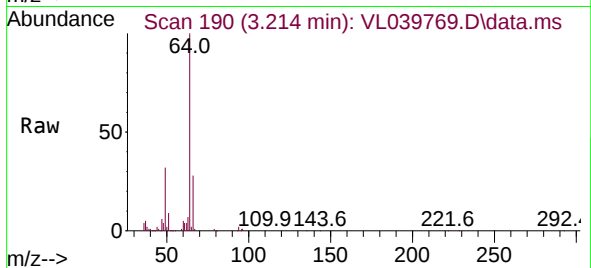
Tgt Ion: 94 Resp: 193494
 Ion Ratio Lower Upper
 94 100
 96 92.0 73.0 109.6





#7
Chloroethane
Concen: 9.736 ppbv
RT: 3.214 min Scan# 190
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

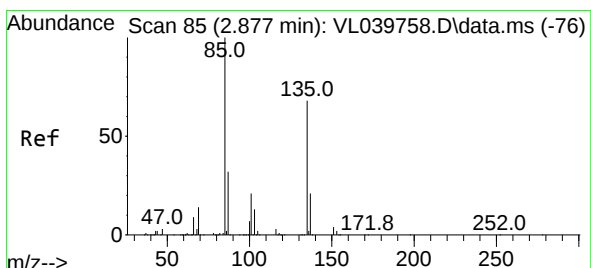
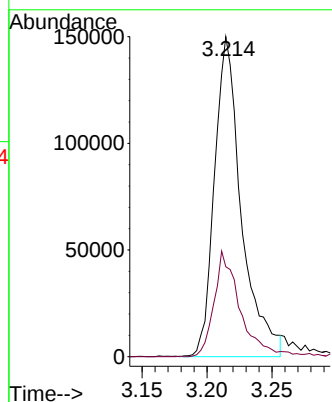
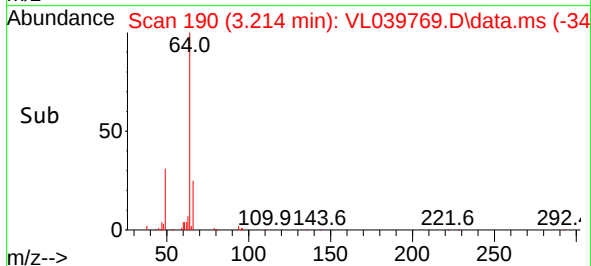
Instrument : MSVOA_L
Client Sample Id : VL1024ABS01



Tgt Ion: 64 Resp: 215410
Ion Ratio Lower Upper
64 100
66 28.1 26.3 39.5

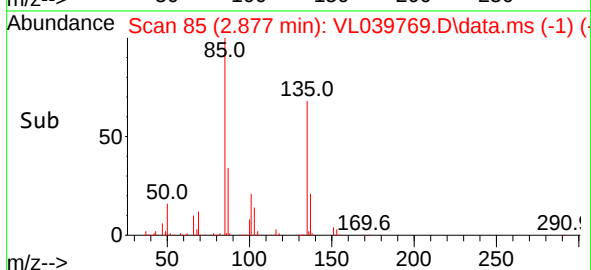
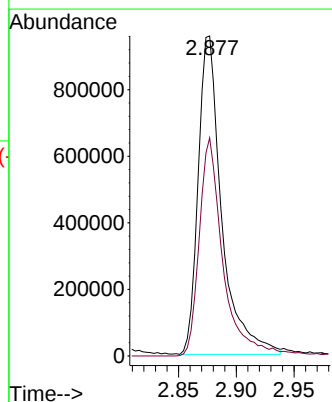
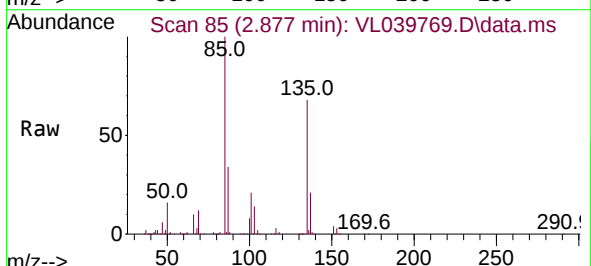
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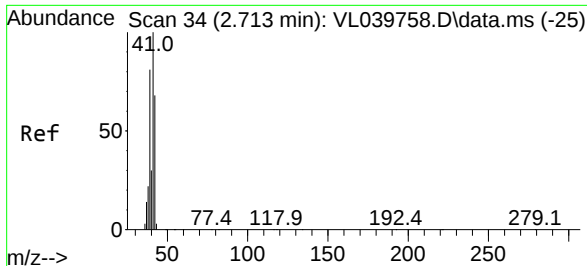
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Dichlorotetrafluoroethane
Concen: 10.038 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

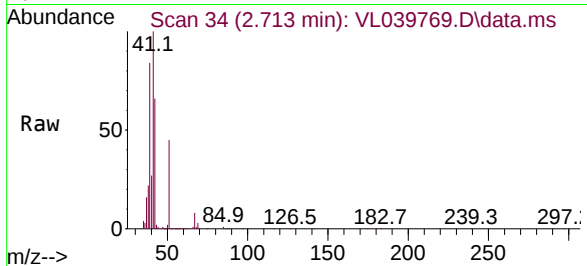
Tgt Ion: 85 Resp: 1355300
Ion Ratio Lower Upper
85 100
135 70.2 55.8 83.6





#9
 Propene
 Concen: 10.030 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VL039769.D
 Acq: 24 Oct 2022 22:52

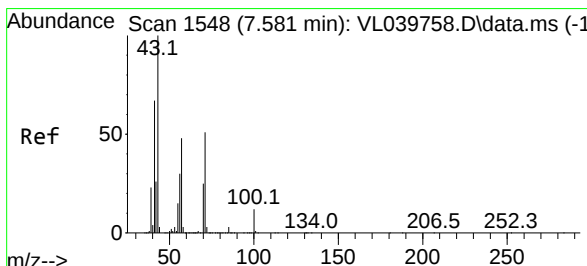
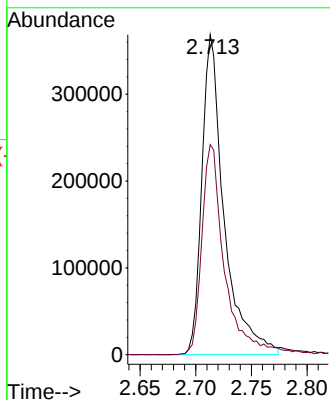
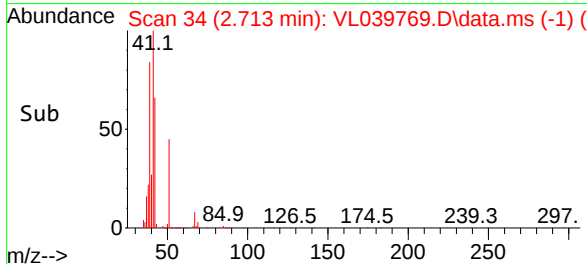
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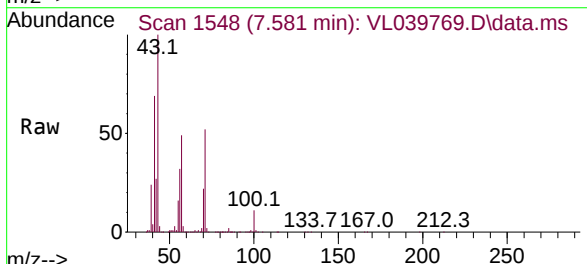
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 Ion Ratio Lower Upper
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 42 68.4 58.0 87.0

Manual Integrations
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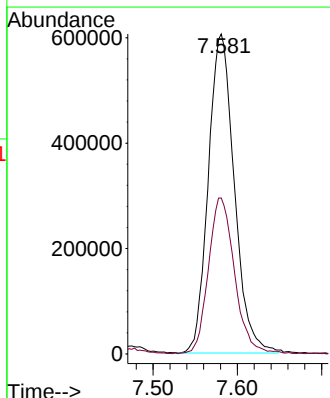
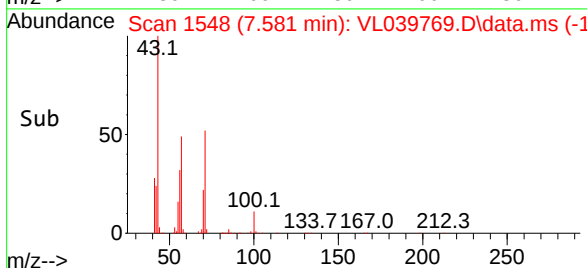
Reviewed By :Semsettin Yesilyurt 10/26/2022
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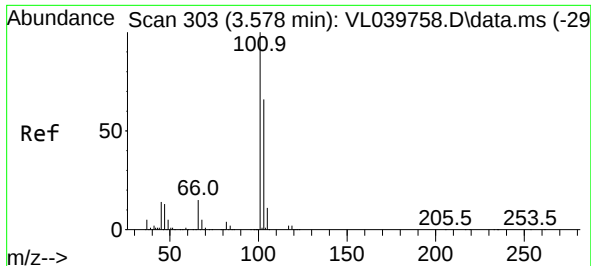


#10
 Heptane
 Concen: 10.629 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: VL039769.D
 Acq: 24 Oct 2022 22:52



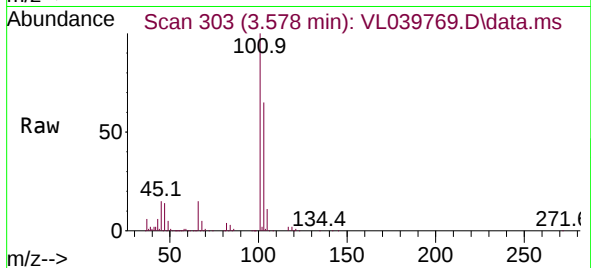
Tgt Ion: 43 Resp: 1297367
 Ion Ratio Lower Upper
 43 100
 57 49.5 40.0 60.0





#11
Trichlorofluoromethane
Concen: 9.710 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

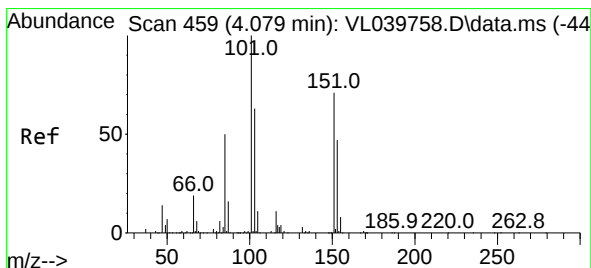
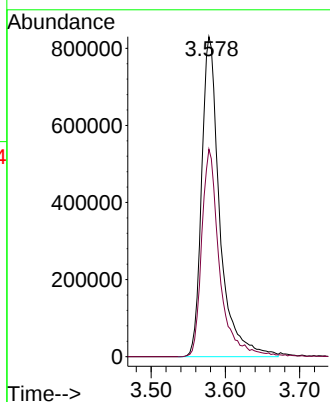
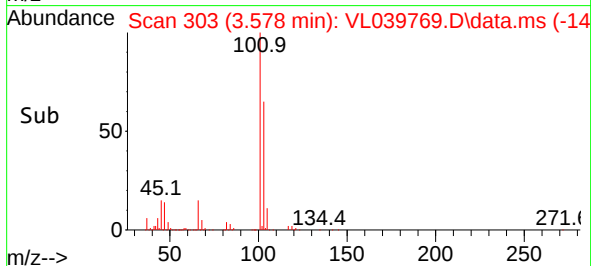
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



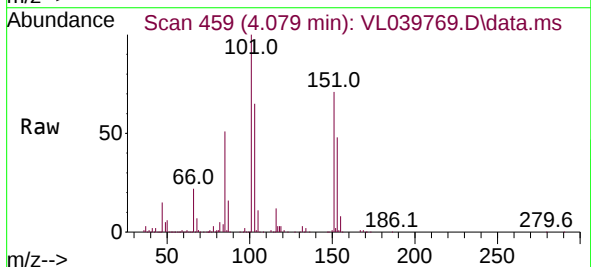
Tgt Ion:101 Resp: 1403114
Ion Ratio Lower Upper
101 100
103 64.8 52.7 79.1

Manual Integrations
APPROVED

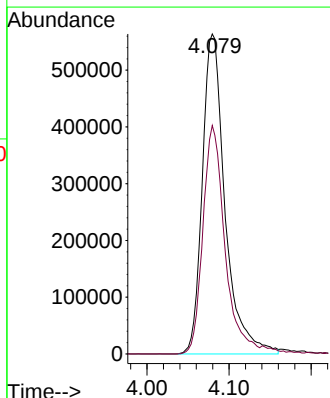
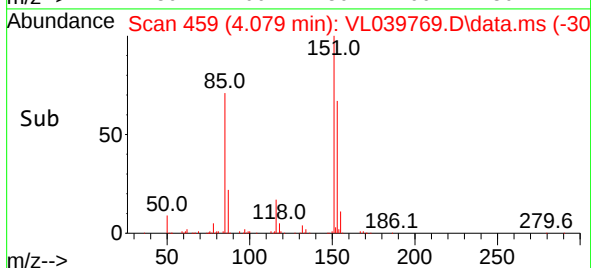
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

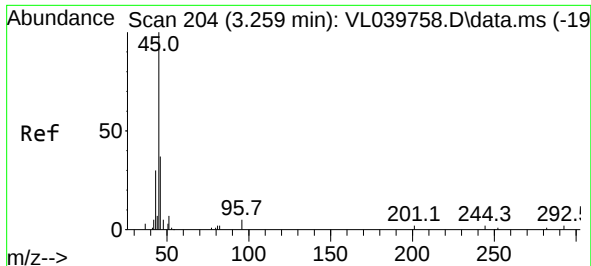


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.685 ppbv
RT: 4.079 min Scan# 459
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



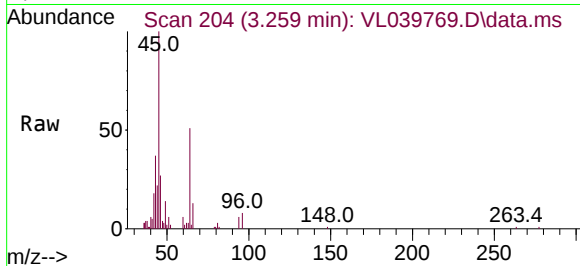
Tgt Ion:101 Resp: 1085341
Ion Ratio Lower Upper
101 100
151 70.9 56.6 84.8





#13
Ethanol
Concen: 7.952 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

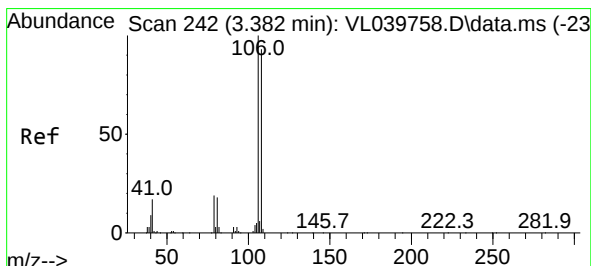
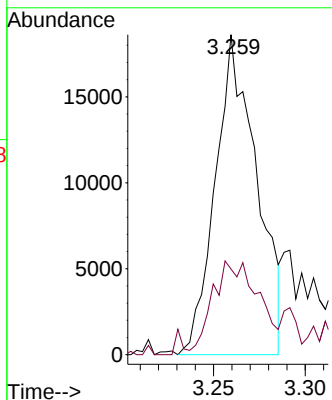
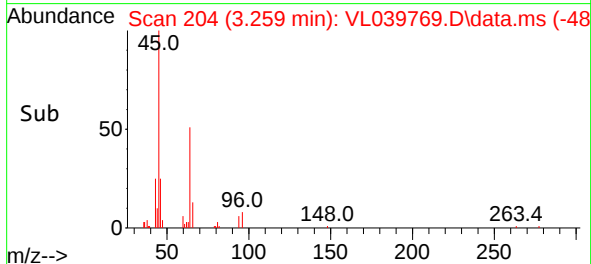
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



Tgt Ion: 45 Resp: 2911
Ion Ratio Lower Upper
45 100
46 46.0 15.3 61.3

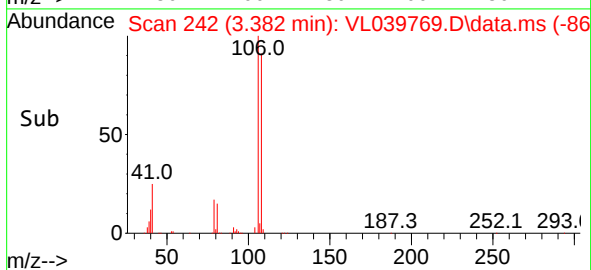
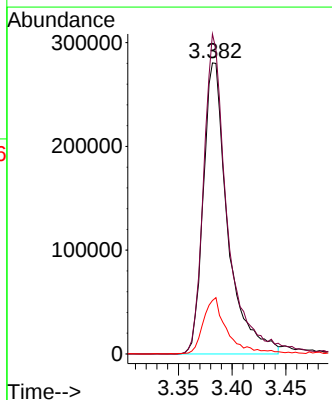
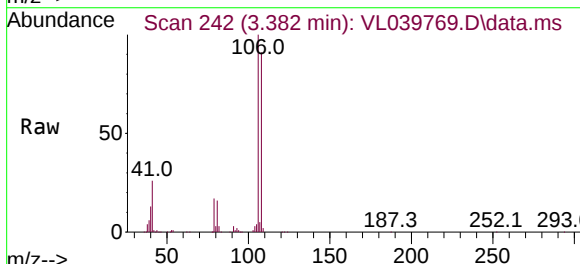
Manual Integrations
APPROVED

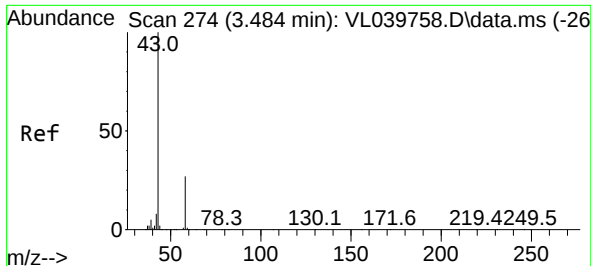
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Bromoethene
Concen: 9.950 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

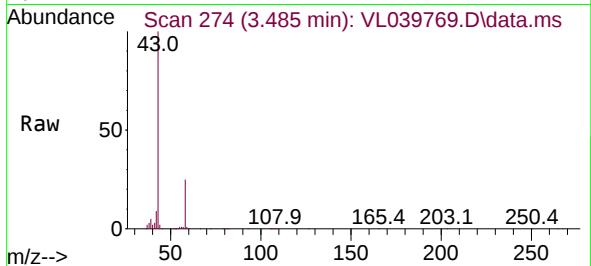
Tgt Ion:108 Resp: 442487
Ion Ratio Lower Upper
108 100
106 109.2 90.6 136.0
79 19.3 16.6 24.8





#15
Acetone
Concen: 8.911 ppbv
RT: 3.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

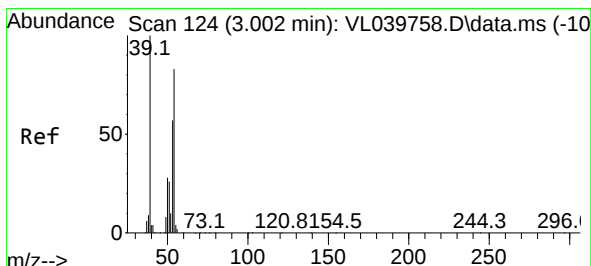
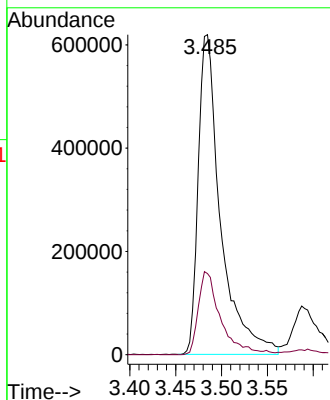
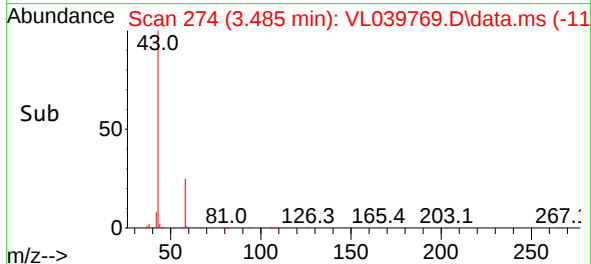
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



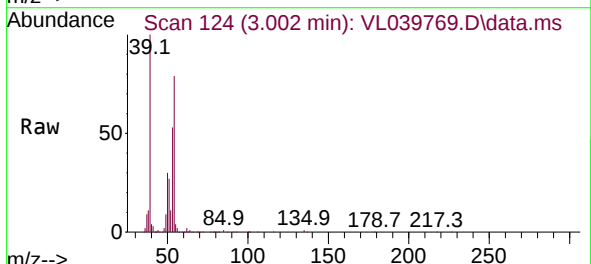
Tgt Ion: 43 Resp: 1051350
Ion Ratio Lower Upper
43 100
58 26.2 20.7 31.1

Manual Integrations
APPROVED

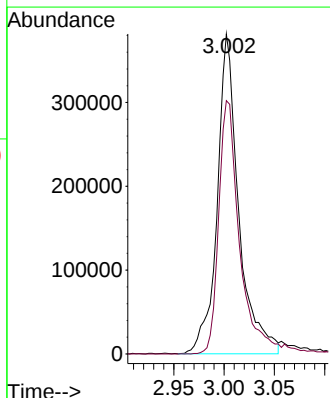
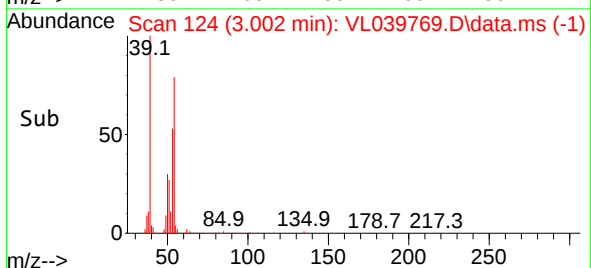
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

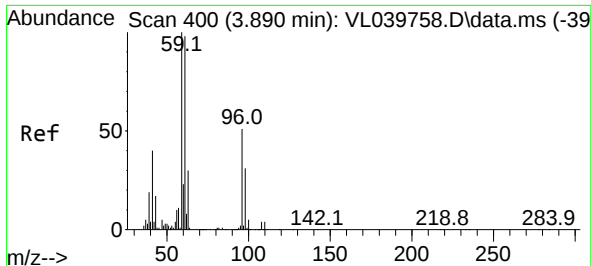


#16
1,3-Butadiene
Concen: 9.737 ppbv
RT: 3.002 min Scan# 124
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



Tgt Ion: 39 Resp: 567785
Ion Ratio Lower Upper
39 100
54 79.6 64.6 97.0





#17

tert-Butyl alcohol

Concen: 9.198 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.000 min

Lab File: VL039769.D

Acq: 24 Oct 2022 22:52

Instrument :

MSVOA_L

ClientSampleId :

VL1024ABS01

Tgt Ion: 59 Resp: 885134

Ion Ratio Lower Upper

59 100

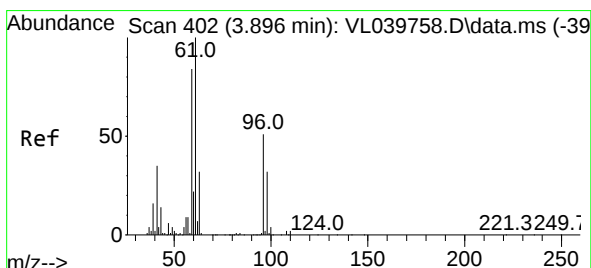
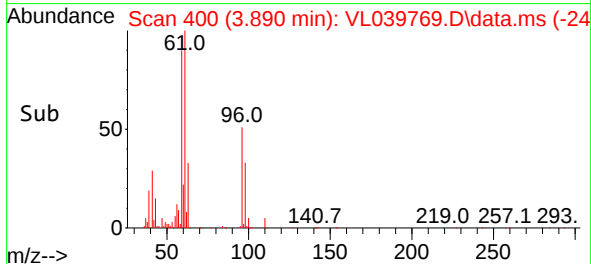
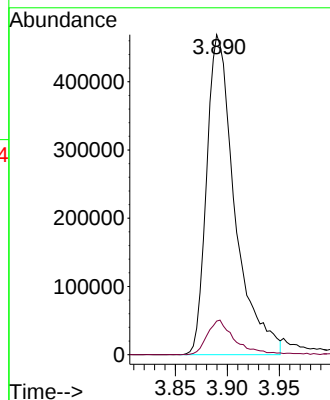
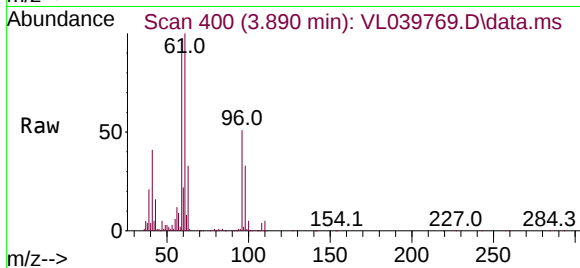
57 10.9 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

1,1-Dichloroethene

Concen: 9.823 ppbv

RT: 3.893 min Scan# 401

Delta R.T. -0.003 min

Lab File: VL039769.D

Acq: 24 Oct 2022 22:52

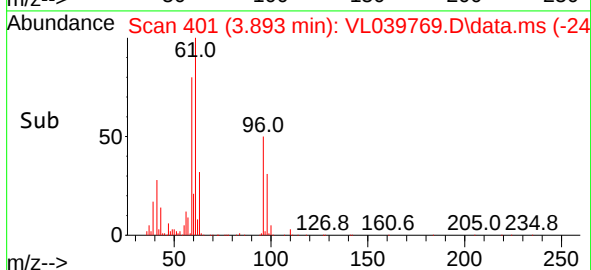
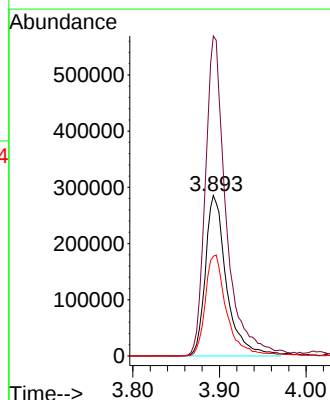
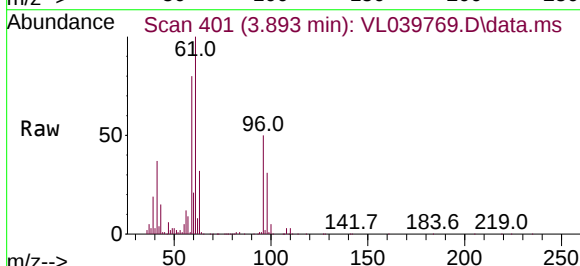
Tgt Ion: 96 Resp: 484401

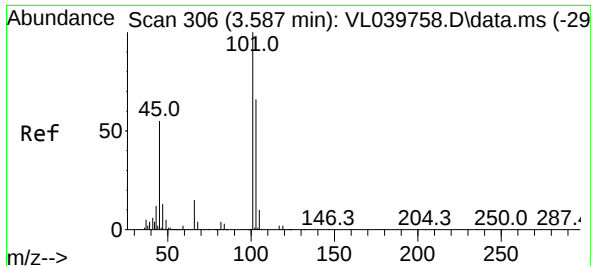
Ion Ratio Lower Upper

96 100

61 199.5 157.6 236.4

98 62.1 49.9 74.9





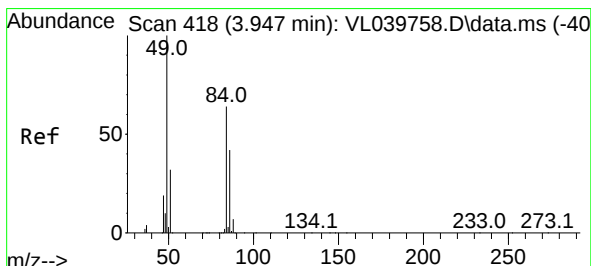
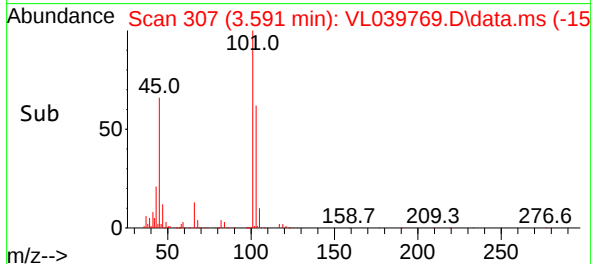
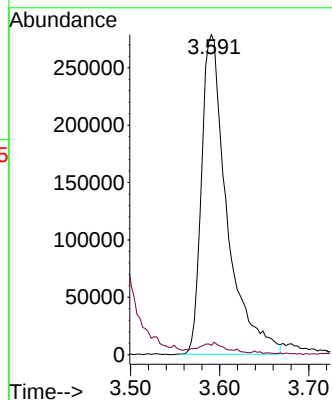
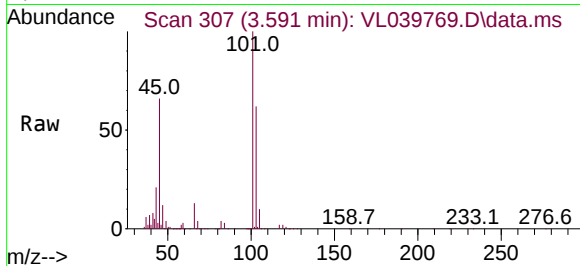
#19
Isopropyl Alcohol
Concen: 9.980 ppbv
RT: 3.591 min Scan# 306
Delta R.T. 0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01

Tgt Ion: 45 Resp: 551690
Ion Ratio Lower Upper
45 100
58 4.6 2.8 4.2

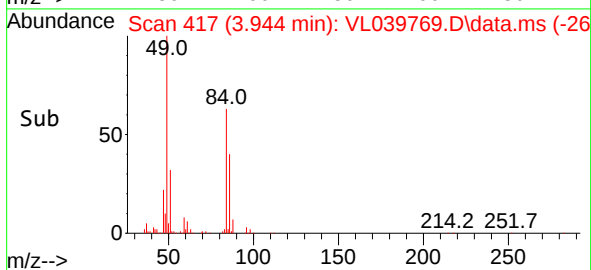
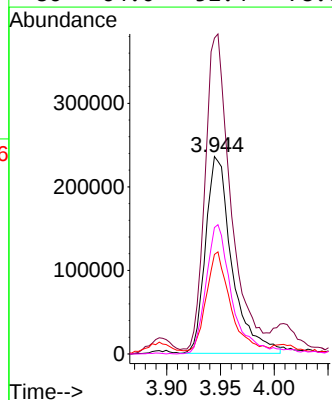
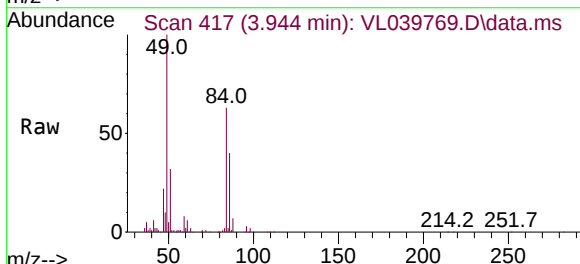
Manual Integrations
APPROVED

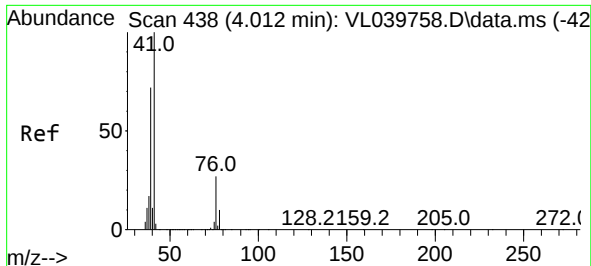
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 8.974 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

Tgt Ion: 84 Resp: 402789
Ion Ratio Lower Upper
84 100
49 158.3 126.0 189.0
51 48.7 40.9 61.3
86 64.0 52.4 78.6





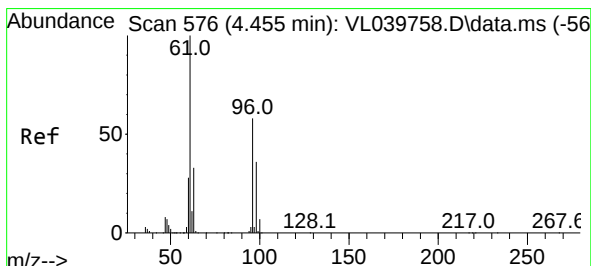
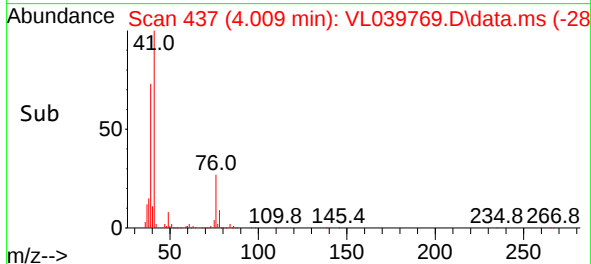
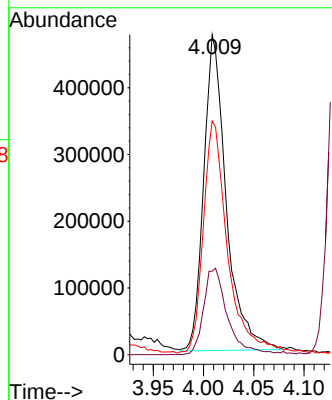
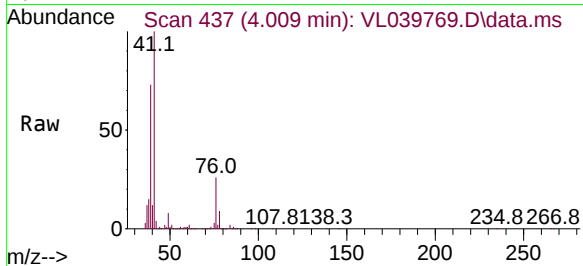
#21
 Allyl Chloride
 Concen: 9.664 ppbv
 RT: 4.009 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039769.D
 Acq: 24 Oct 2022 22:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1024ABS01

Tgt Ion: 41 Resp: 737990
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.5 35.3
 39 80.1 64.9 97.3

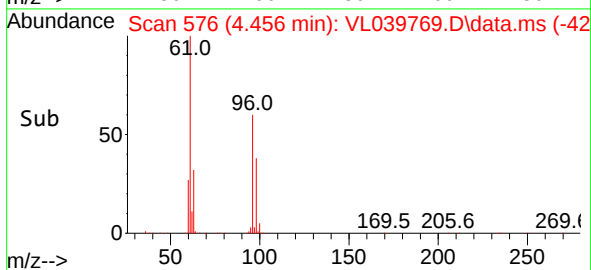
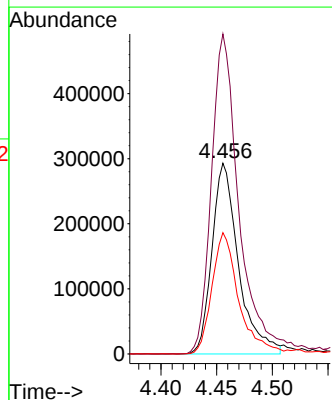
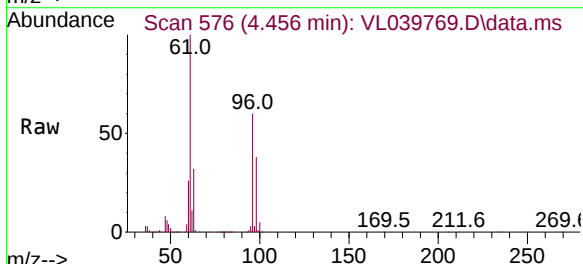
Manual Integrations
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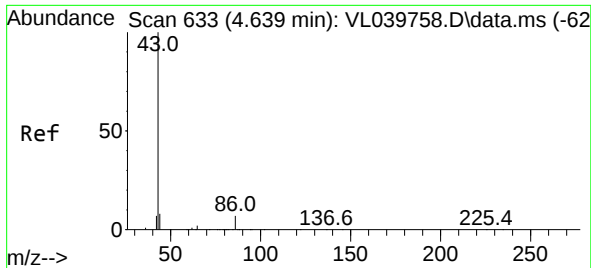
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.487 ppbv
 RT: 4.456 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL039769.D
 Acq: 24 Oct 2022 22:52

Tgt Ion: 96 Resp: 485986
 Ion Ratio Lower Upper
 96 100
 61 167.7 137.1 205.7
 98 63.6 49.8 74.6





#23
 Vinyl Acetate
 Concen: 9.325 ppbv
 RT: 4.636 min Scan# 613
 Delta R.T. -0.003 min
 Lab File: VL039769.D
 Acq: 24 Oct 2022 22:52

Instrument :

MSVOA_L

ClientSampleId :

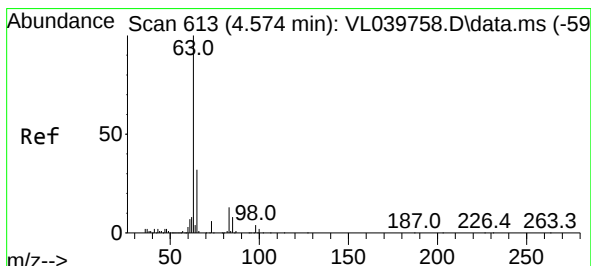
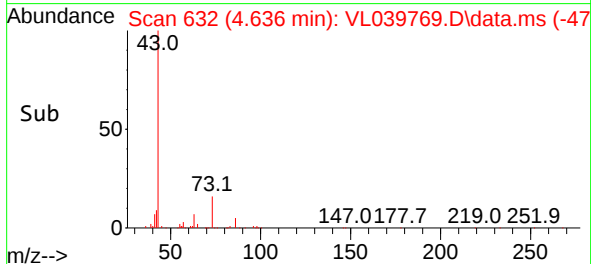
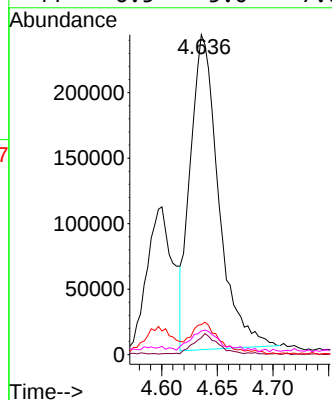
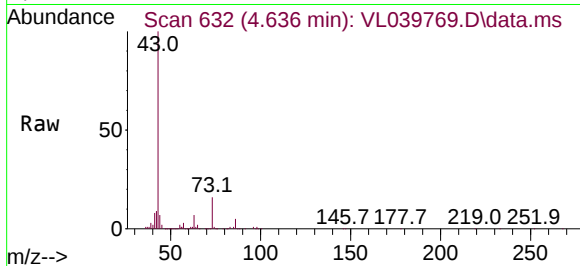
VL1024ABS01

Tgt Ion: 43 Resp: 42409
 Ion Ratio Lower Upper
 43 100
 86 5.3 4.9 7.3
 42 9.2 7.2 10.8
 44 6.5 5.0 7.6

Manual Integrations

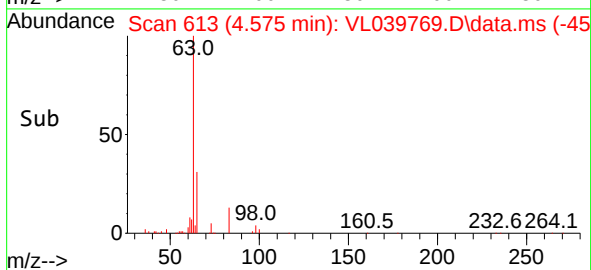
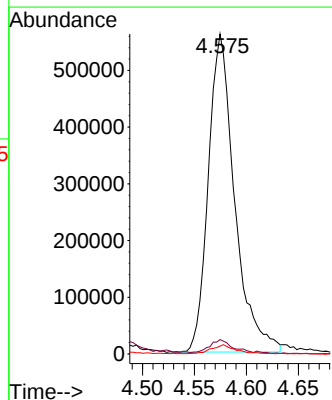
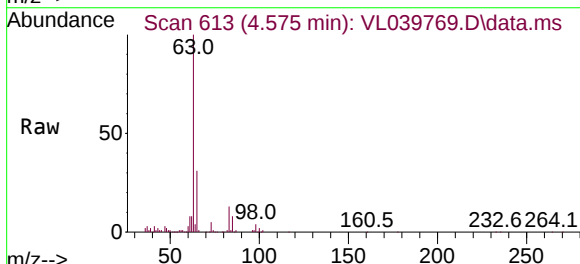
APPROVED

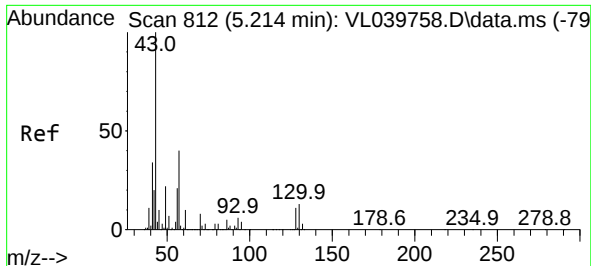
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 9.303 ppbv
 RT: 4.575 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039769.D
 Acq: 24 Oct 2022 22:52

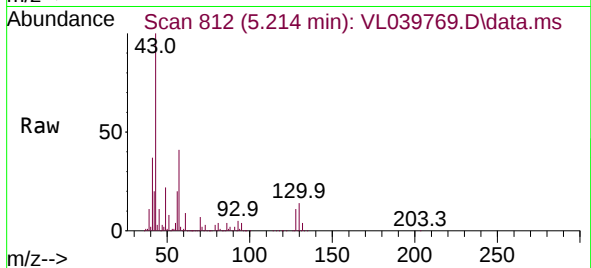
Tgt Ion: 63 Resp: 985323
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.1 6.3
 100 2.4 1.1 3.5





#25
Ethyl Acetate
Concen: 10.081 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

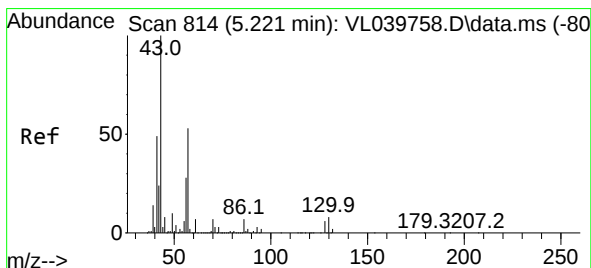
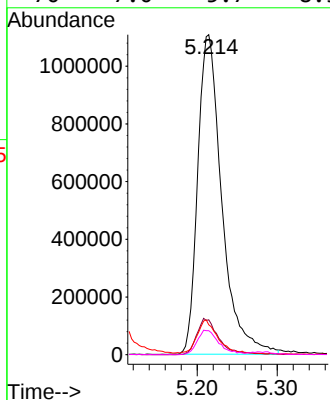
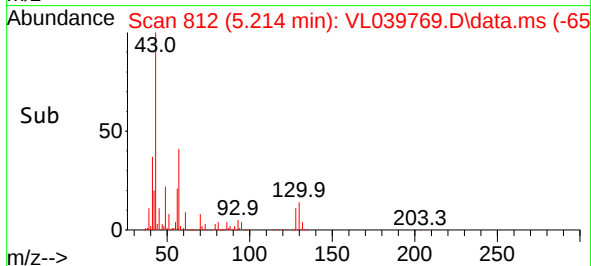
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



Tgt Ion: 43 Resp: 232535
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.2
61 10.0 8.2 12.4
70 7.0 5.7 8.5

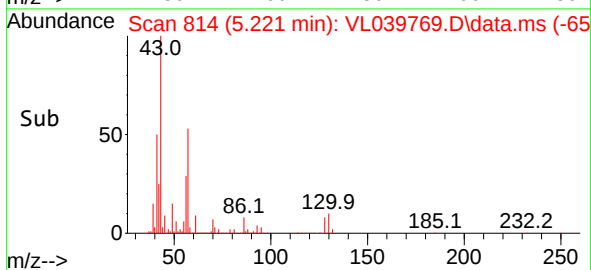
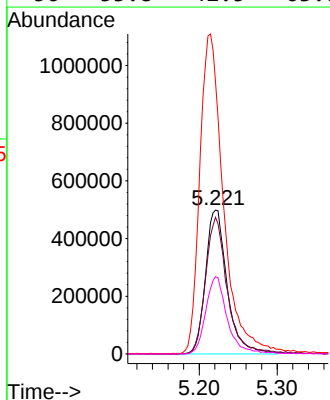
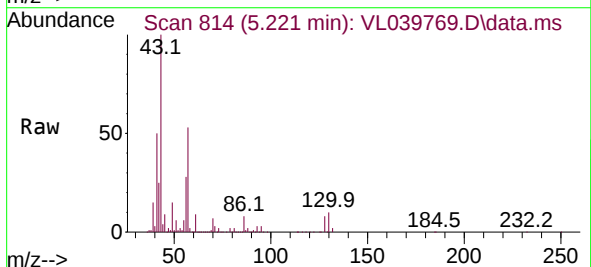
Manual Integrations
APPROVED

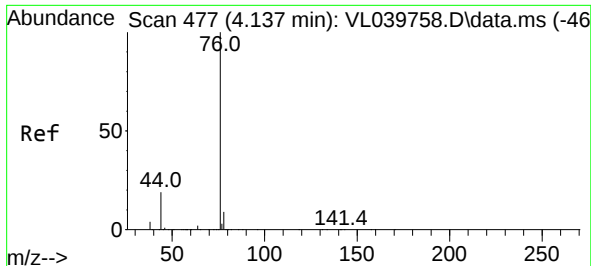
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
Hexane
Concen: 10.024 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

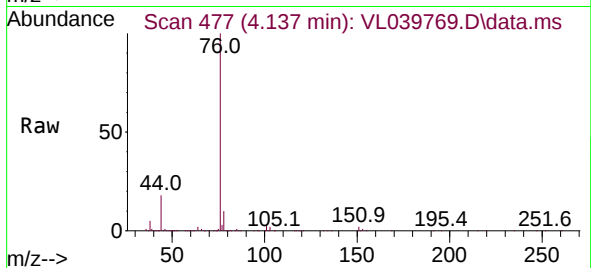
Tgt Ion: 57 Resp: 961462
Ion Ratio Lower Upper
57 100
41 96.8 76.1 114.1
43 246.3 197.1 295.7
56 53.8 42.5 63.7





#27
Carbon Disulfide
Concen: 10.267 ppbv
RT: 4.137 min Scan# 477
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

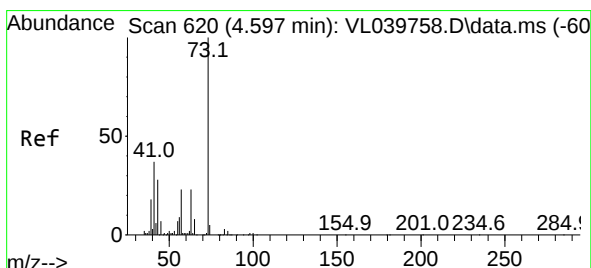
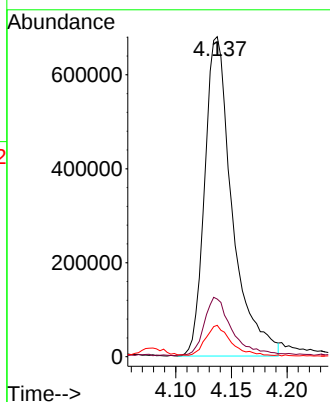
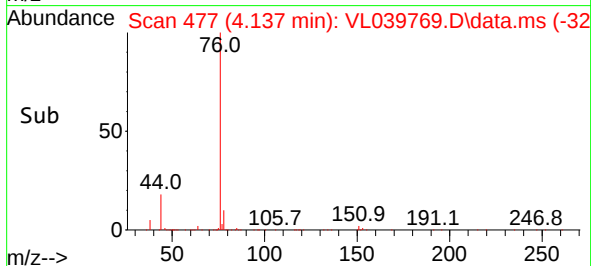
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



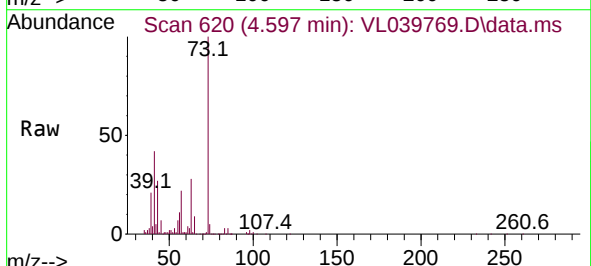
Tgt Ion: 76 Resp: 116899
Ion Ratio Lower Upper
76 100
44 19.3 16.6 25.0
78 9.9 7.6 11.4

Manual Integrations
APPROVED

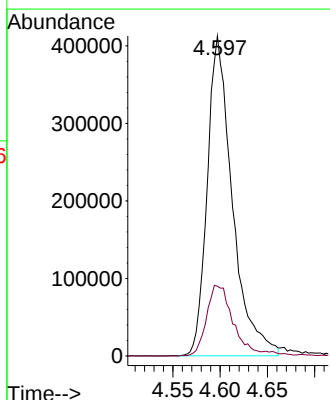
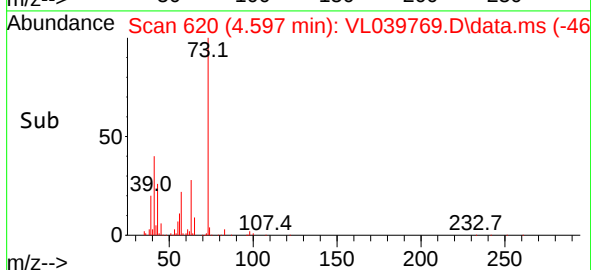
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

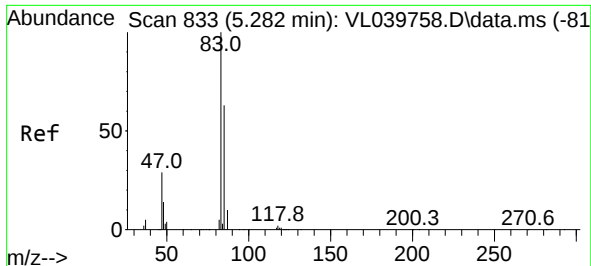


#28
Methyl tert-Butyl Ether
Concen: 9.133 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



Tgt Ion: 73 Resp: 762095
Ion Ratio Lower Upper
73 100
57 24.5 19.1 28.7





#29

Chloroform

Concen: 9.655 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL039769.D

Acq: 24 Oct 2022 22:52

Instrument :

MSVOA_L

ClientSampleId :

VL1024ABS01

Tgt Ion: 83 Resp: 145581

Ion Ratio Lower Upper

83 100

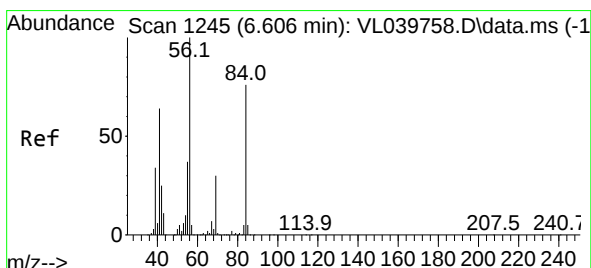
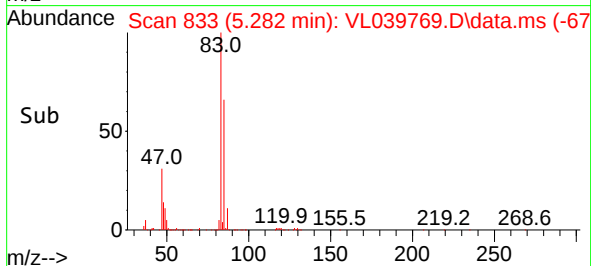
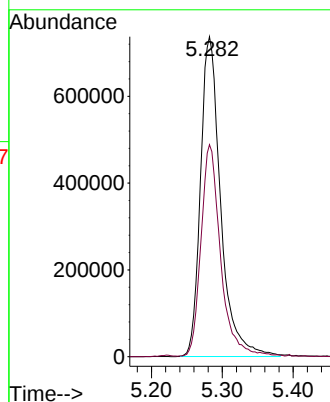
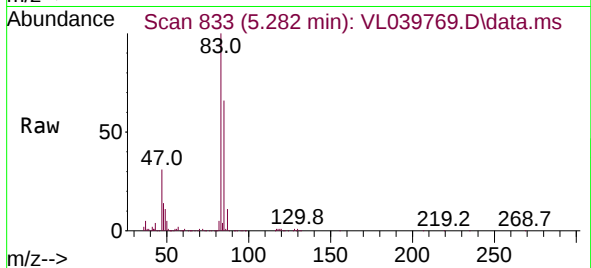
85 66.0 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Cyclohexane

Concen: 10.250 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VL039769.D

Acq: 24 Oct 2022 22:52

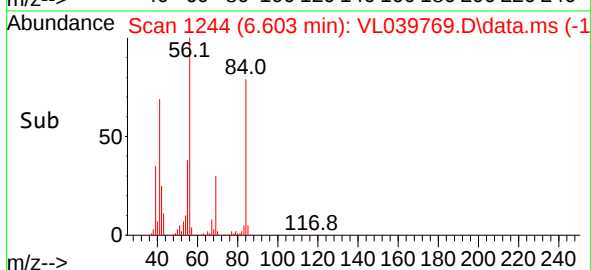
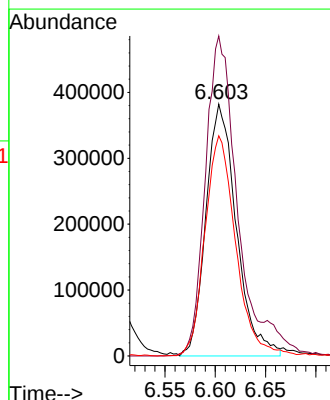
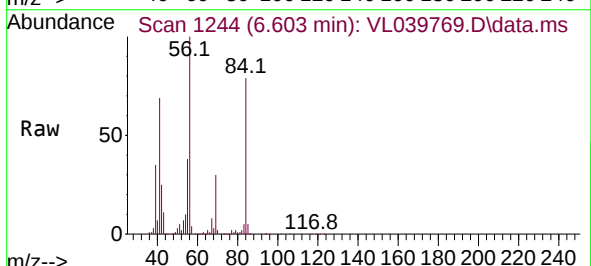
Tgt Ion: 84 Resp: 805542

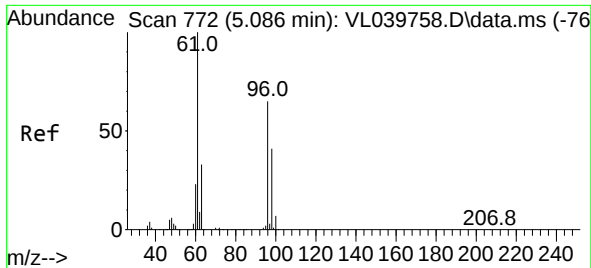
Ion Ratio Lower Upper

84 100

56 136.5 111.8 167.6

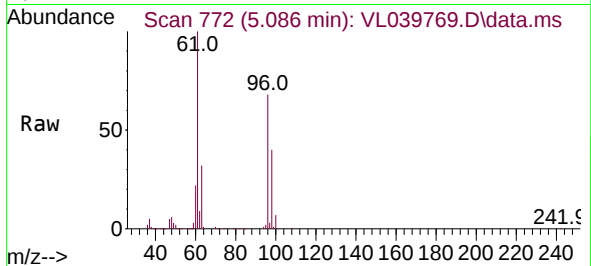
41 89.1 71.5 107.3





#31
 cis-1,2-Dichloroethene
 Concen: 9.829 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL039769.D
 Acq: 24 Oct 2022 22:52

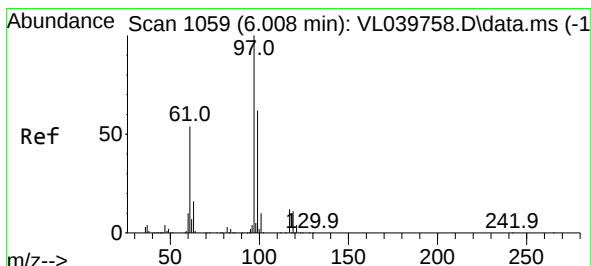
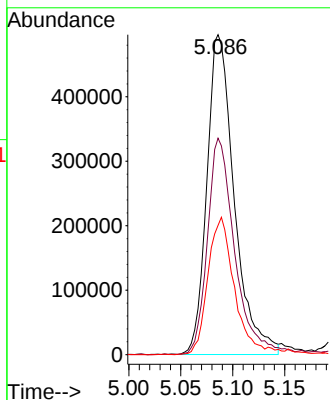
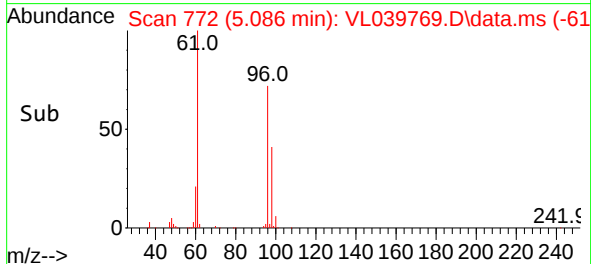
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1024ABS01



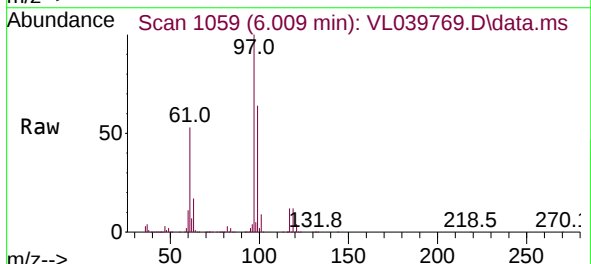
Tgt Ion: 61 Resp: 909960
 Ion Ratio Lower Upper
 61 100
 96 67.5 52.2 78.2
 98 40.3 32.9 49.3

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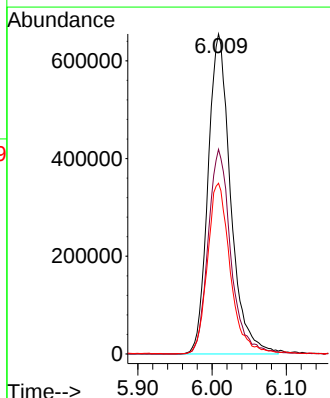
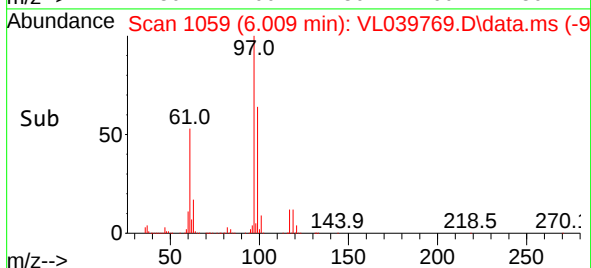
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

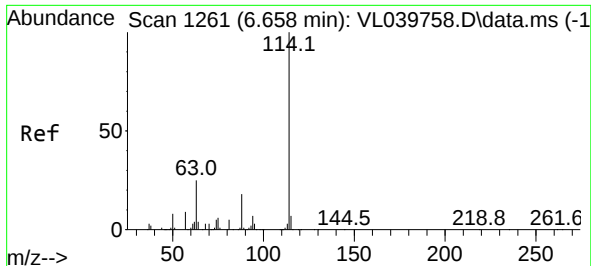


#32
 1,1,1-Trichloroethane
 Concen: 10.102 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL039769.D
 Acq: 24 Oct 2022 22:52



Tgt Ion: 97 Resp: 1382491
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.2 78.4
 61 54.5 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL039769.D

Acq: 24 Oct 2022 22:52

Instrument :

MSVOA_L

ClientSampleId :

VL1024ABS01

Tgt Ion:114 Resp: 256917

Ion Ratio Lower Upper

114 100

63 24.8 20.1 30.1

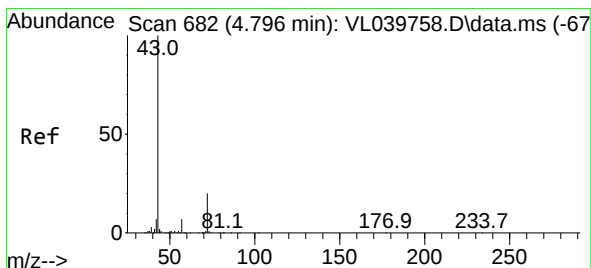
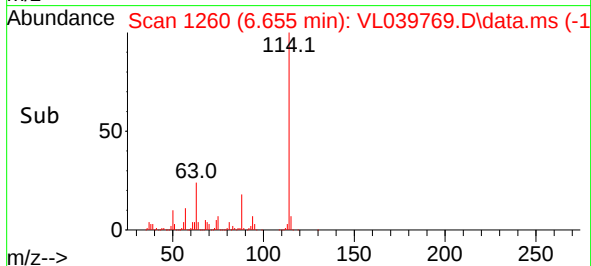
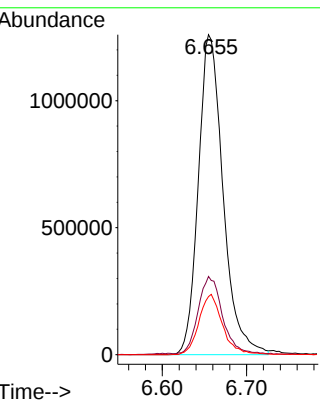
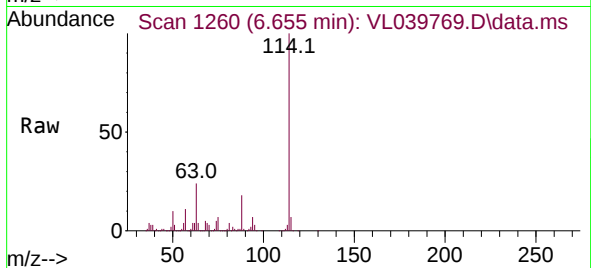
88 18.2 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

2-Butanone

Concen: 9.834 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL039769.D

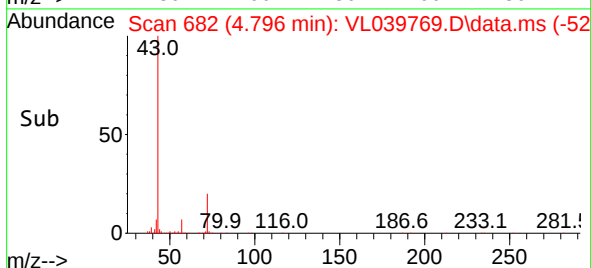
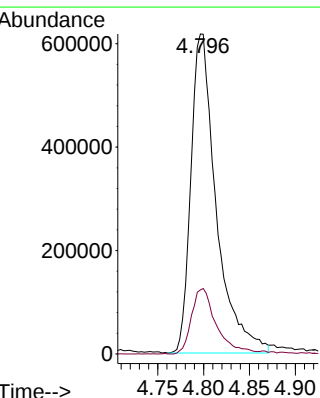
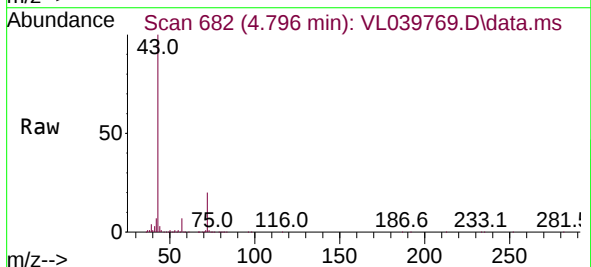
Acq: 24 Oct 2022 22:52

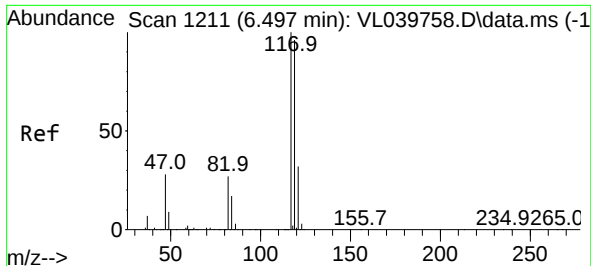
Tgt Ion: 43 Resp: 1188643

Ion Ratio Lower Upper

43 100

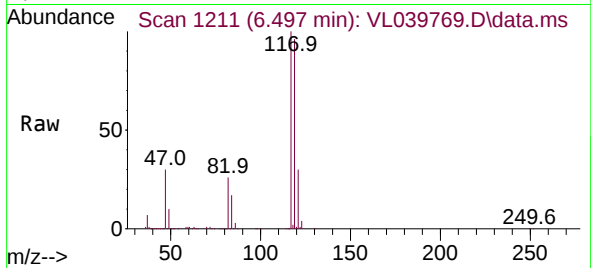
72 21.1 16.5 24.7





#35
Carbon Tetrachloride
Concen: 10.193 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

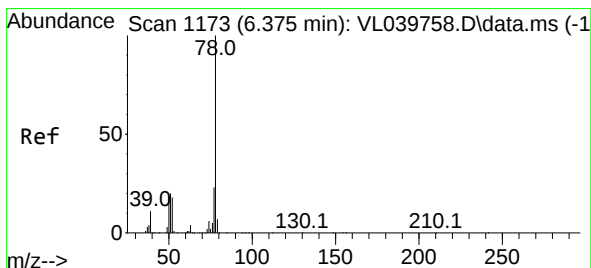
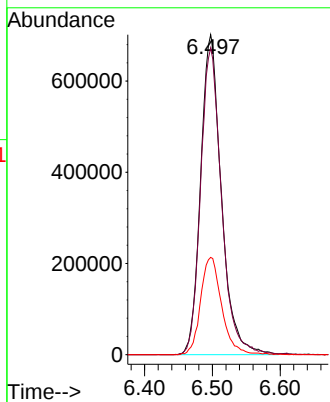
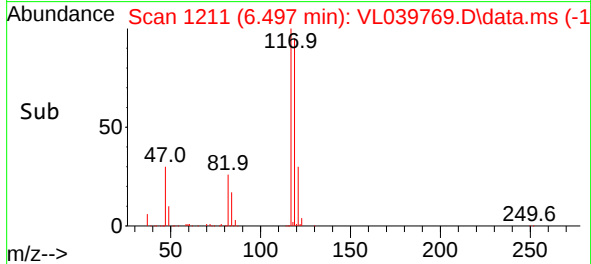
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



Tgt Ion: 117 Resp: 1493054
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0
121 30.4 25.3 37.9

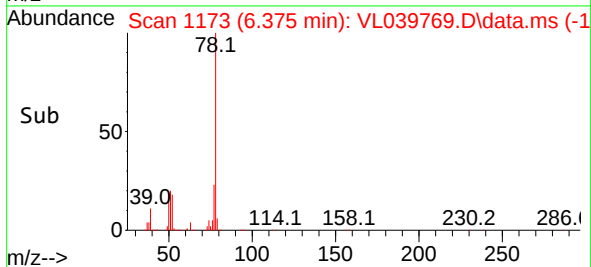
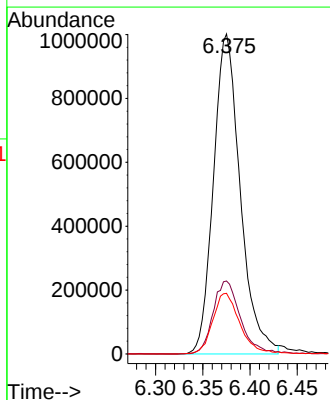
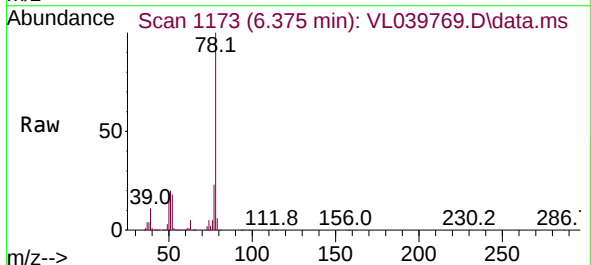
Manual Integrations
APPROVED

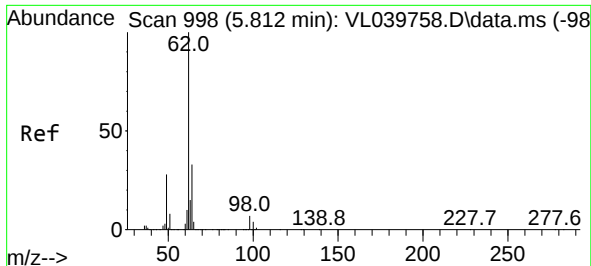
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
Benzene
Concen: 9.966 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

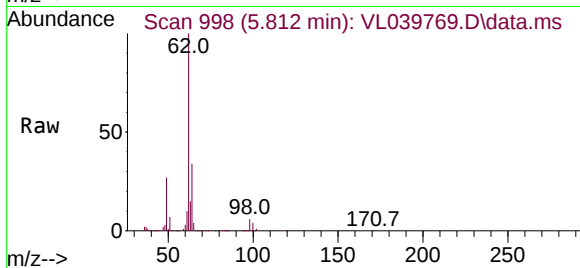
Tgt Ion: 78 Resp: 1971907
Ion Ratio Lower Upper
78 100
77 22.8 18.3 27.5
50 18.9 15.2 22.8





#37
1,2-Dichloroethane
Concen: 9.960 ppbv
RT: 5.812 min Scan# 998
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

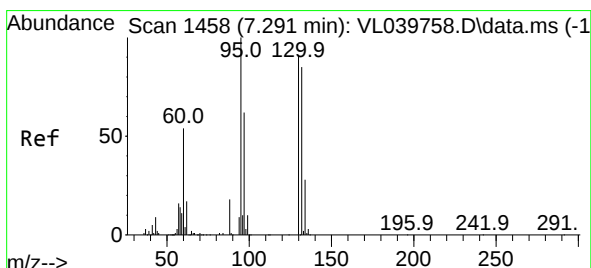
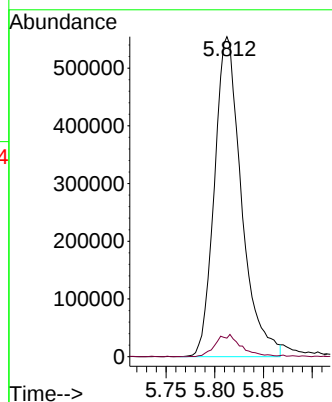
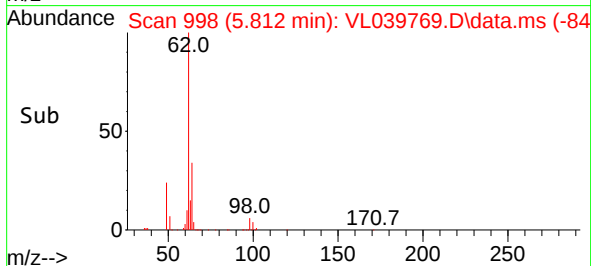
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



Tgt Ion: 62 Resp: 1070200
Ion Ratio Lower Upper
62 100
98 6.9 5.2 7.8

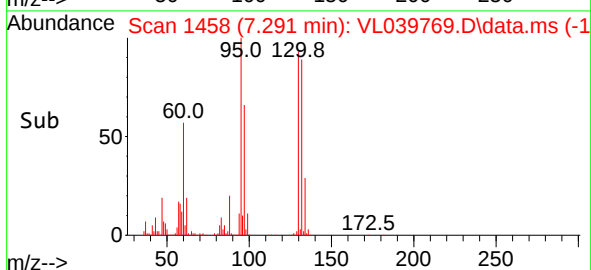
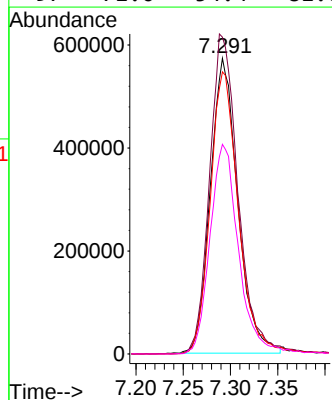
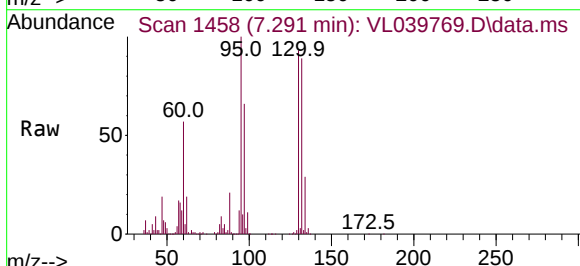
Manual Integrations
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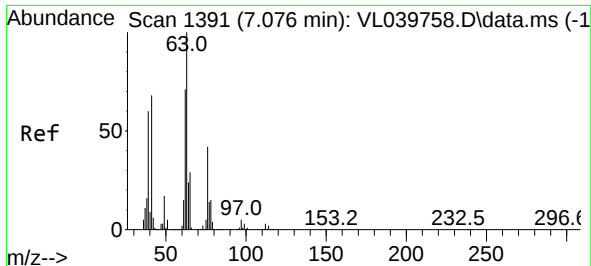
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Trichloroethene
Concen: 10.356 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

Tgt Ion:130 Resp: 1156748
Ion Ratio Lower Upper
130 100
95 107.2 88.1 132.1
132 95.5 75.2 112.8
97 71.0 54.4 81.6





#39

1,2-Dichloropropane

Concen: 9.818 ppbv

RT: 7.076 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VL039769.D

Acq: 24 Oct 2022 22:52

Instrument :

MSVOA_L

ClientSampleId :

VL1024ABS01

Tgt Ion: 63 Resp: 74836

Ion Ratio Lower Upper

63 100

41 74.5 54.5 81.7

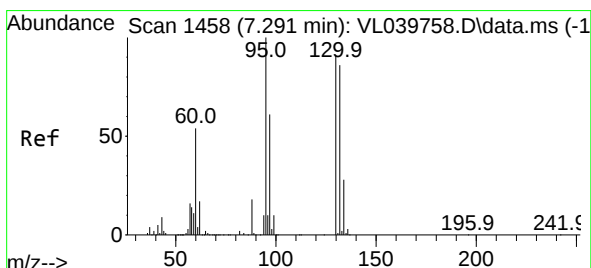
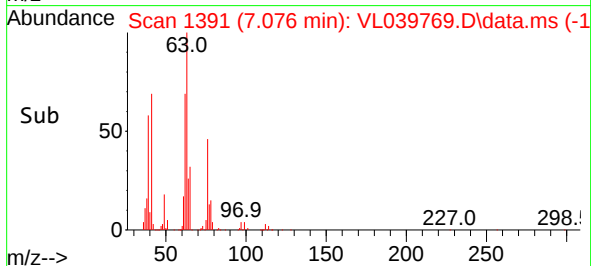
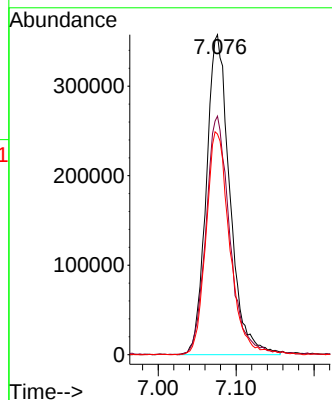
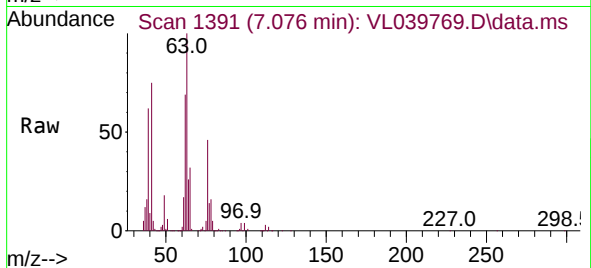
62 68.8 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

1,4-Dioxane

Concen: 11.186 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.006 min

Lab File: VL039769.D

Acq: 24 Oct 2022 22:52

Tgt Ion: 88 Resp: 290636

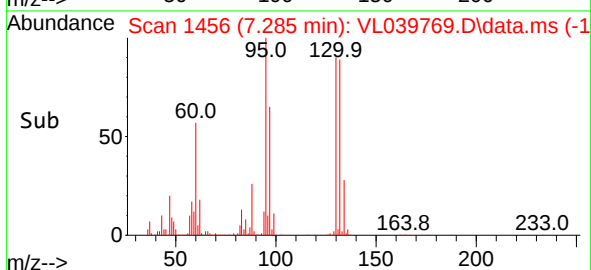
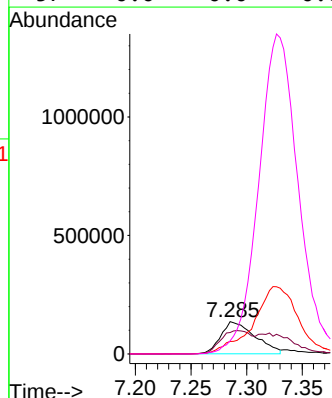
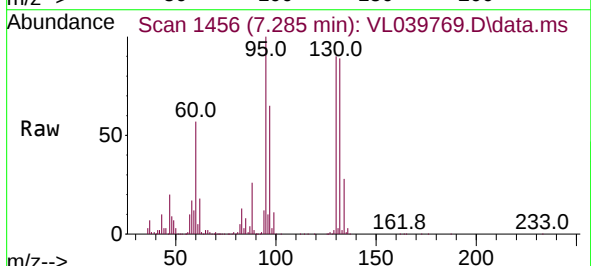
Ion Ratio Lower Upper

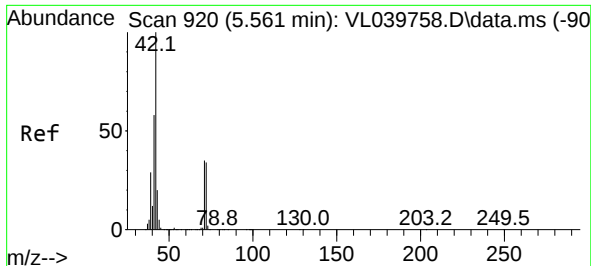
88 100

58 135.3 0.0 0.0#

43 0.0 0.0 0.0

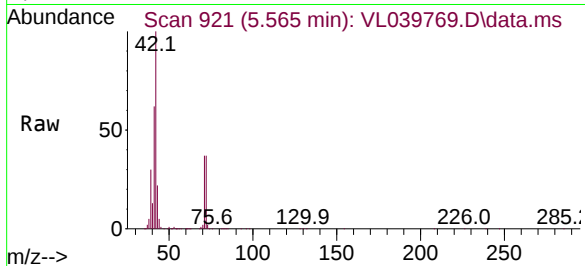
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.688 ppbv
RT: 5.565 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

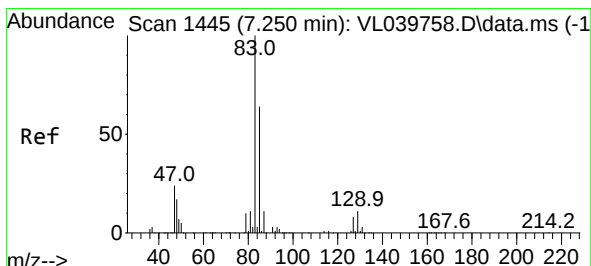
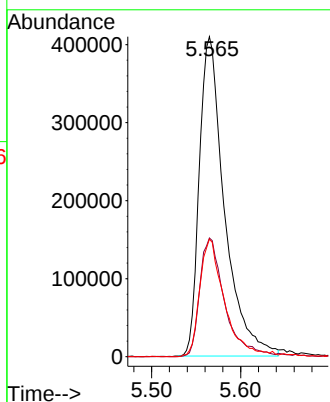
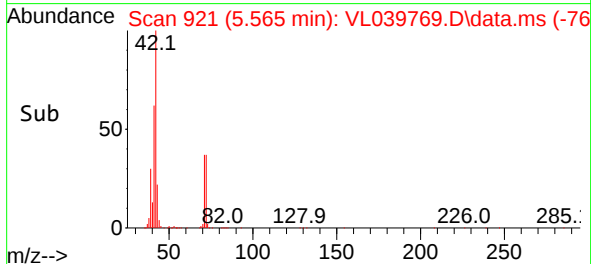
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



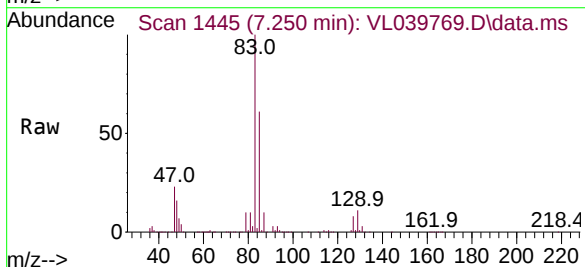
Tgt Ion: 42 Resp: 802640
Ion Ratio Lower Upper
42 100
72 37.6 29.9 44.9
71 37.0 29.2 43.8

Manual Integrations
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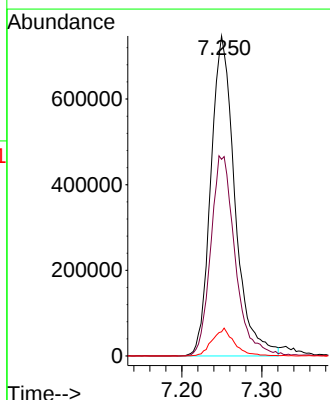
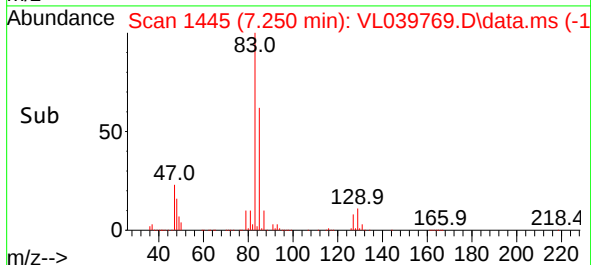
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

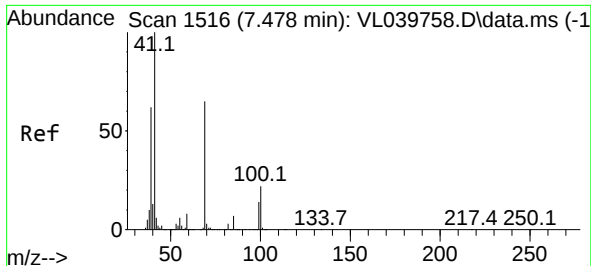


#42
Bromodichloromethane
Concen: 10.322 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



Tgt Ion: 83 Resp: 1561920
Ion Ratio Lower Upper
83 100
85 61.4 51.5 77.3
127 7.6 6.1 9.1





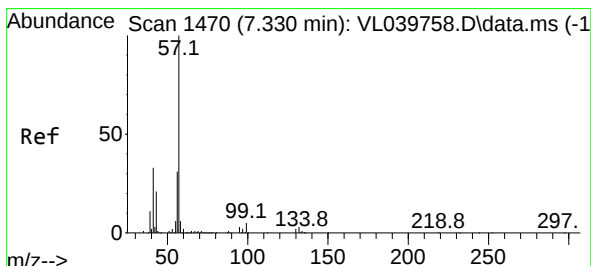
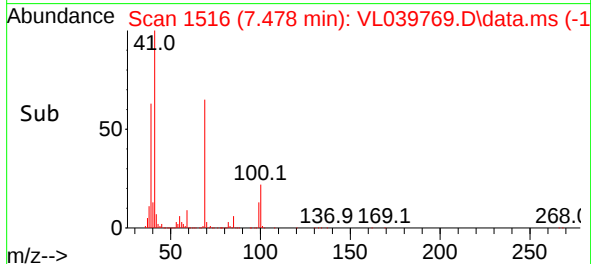
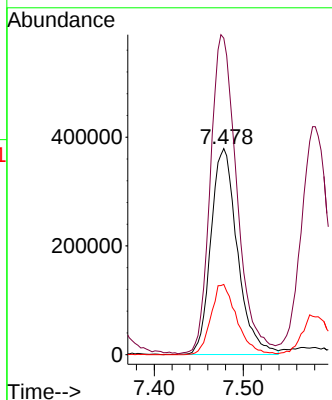
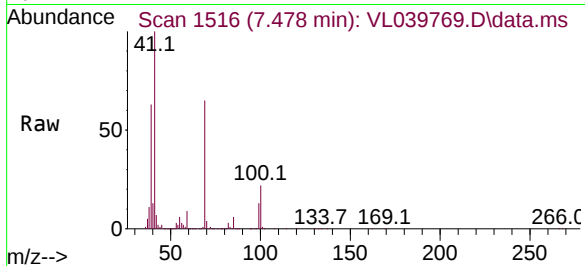
#43
Methyl Methacrylate
Concen: 11.364 ppbv
RT: 7.478 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01

Tgt Ion: 69 Resp: 78302
Ion Ratio Lower Upper
69 100
41 155.6 121.8 182.6
100 33.5 27.3 40.9

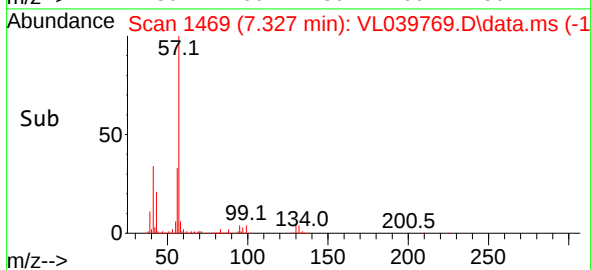
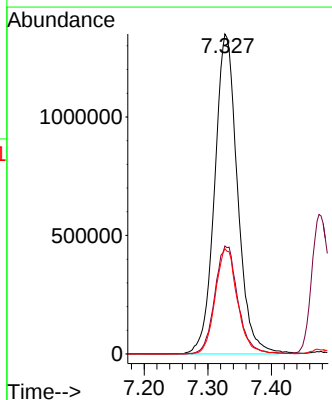
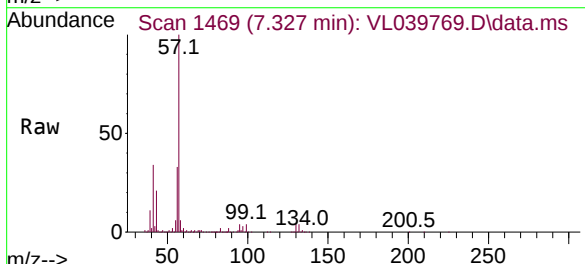
Manual Integrations
APPROVED

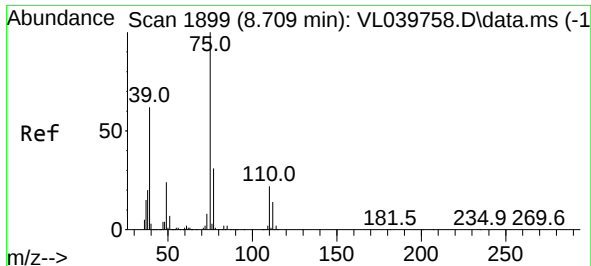
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
2,2,4-Trimethylpentane
Concen: 10.174 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

Tgt Ion: 57 Resp: 3365559
Ion Ratio Lower Upper
57 100
41 34.0 26.6 40.0
56 32.0 25.4 38.0





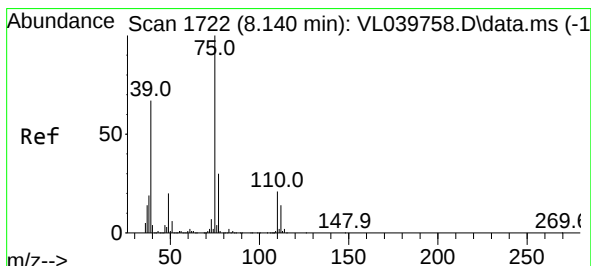
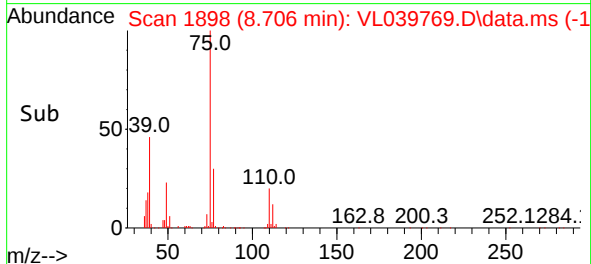
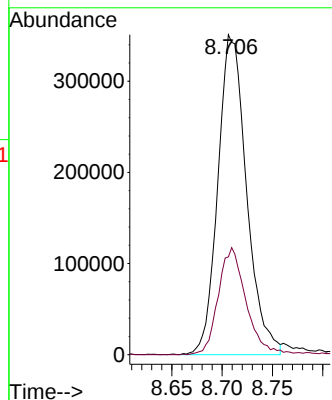
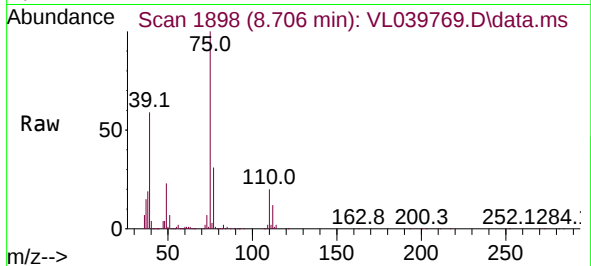
#45
t-1,3-Dichloropropene
Concen: 11.897 ppbv
RT: 8.706 min Scan# 1189
Delta R.T. -0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01

Tgt Ion: 75 Resp: 696440
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7

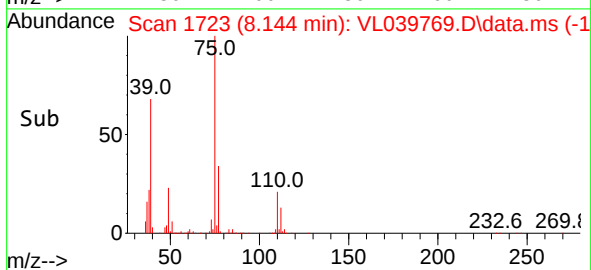
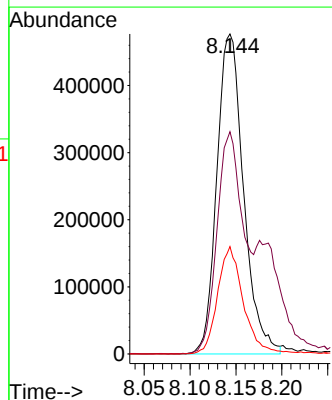
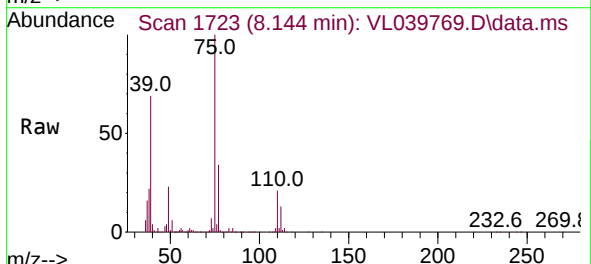
Manual Integrations
APPROVED

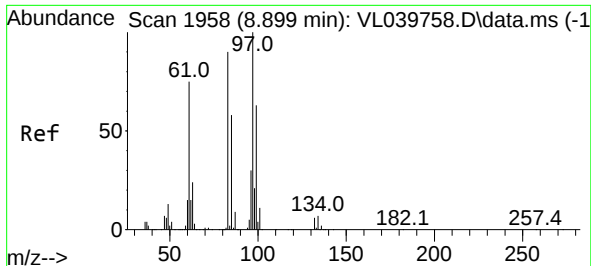
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#46
cis-1,3-Dichloropropene
Concen: 11.498 ppbv
RT: 8.144 min Scan# 1723
Delta R.T. 0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

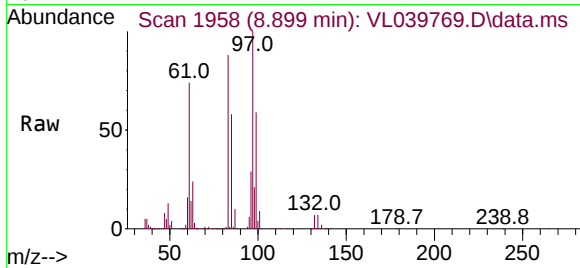
Tgt Ion: 75 Resp: 965813
Ion Ratio Lower Upper
75 100
39 69.4 53.9 80.9
77 33.6 24.3 36.5





#47
1,1,2-Trichloroethane
Concen: 10.017 ppbv
RT: 8.899 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

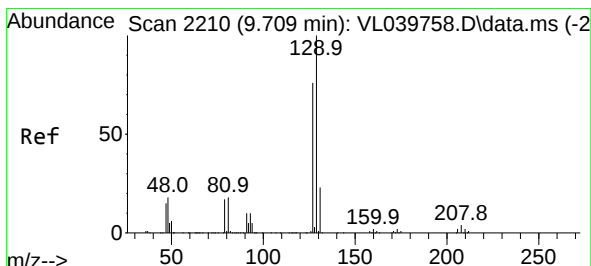
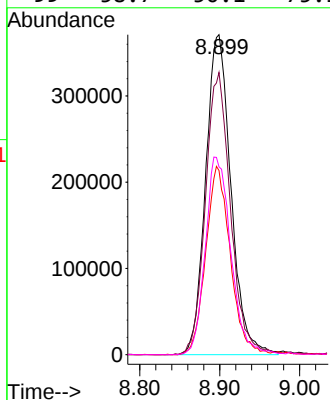
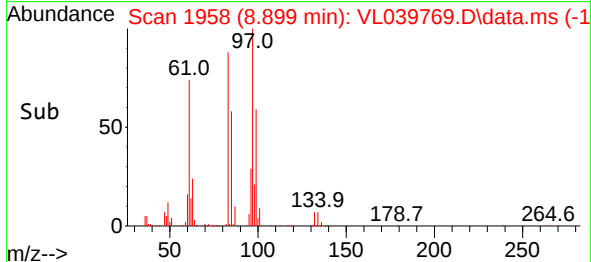
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



Tgt Ion: 97 Resp: 81750
Ion Ratio Lower Upper
97 100
83 88.1 71.6 107.4
85 57.6 46.2 69.4
99 58.7 50.1 75.1

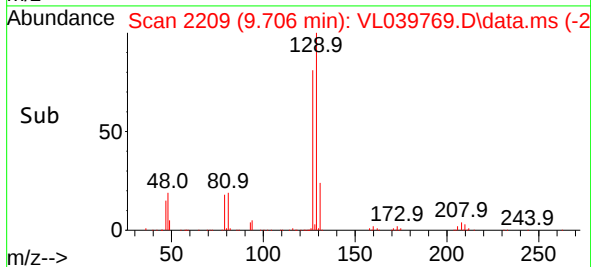
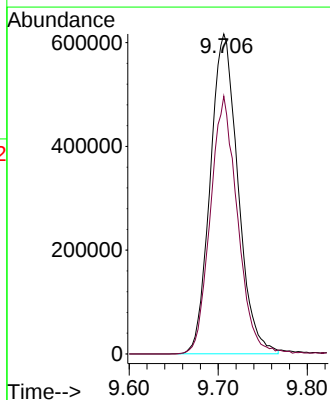
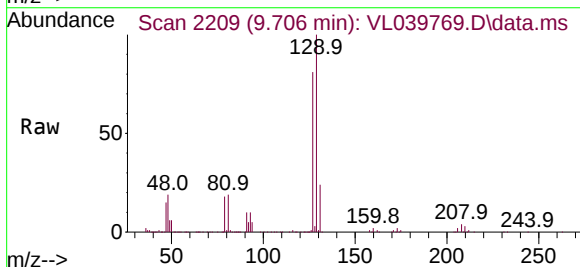
Manual Integrations
APPROVED

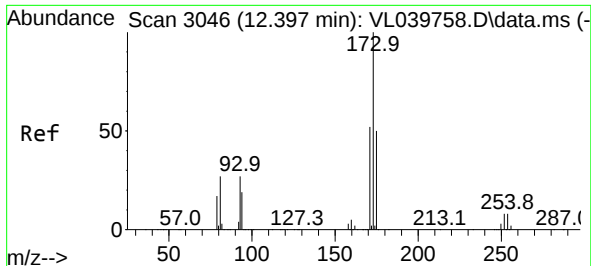
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Dibromochloromethane
Concen: 10.145 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

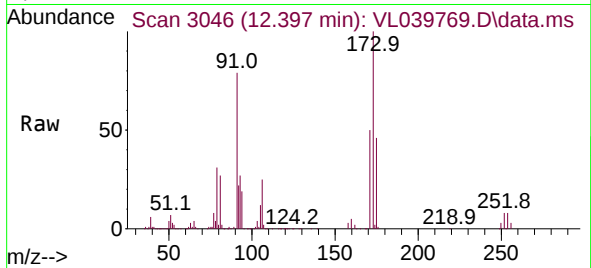
Tgt Ion:129 Resp: 1332970
Ion Ratio Lower Upper
129 100
127 79.4 39.5 118.5





#49
Bromoform
Concen: 10.115 ppbv
RT: 12.397 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

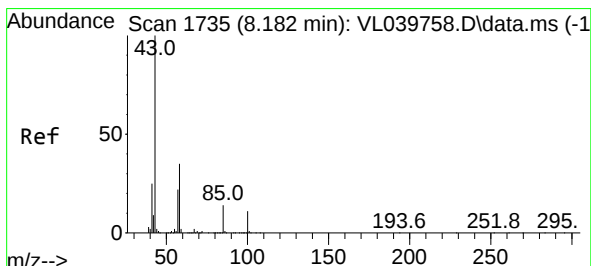
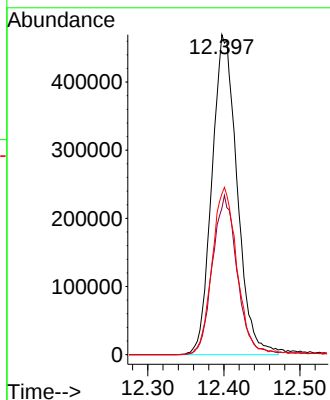
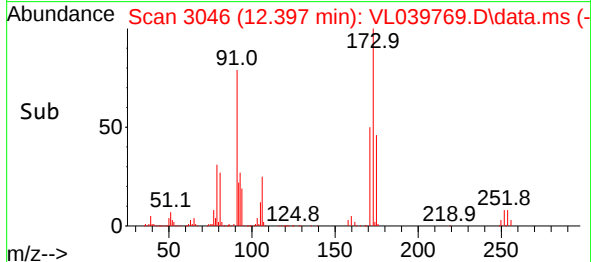
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



Tgt Ion: 173 Resp: 108243
Ion Ratio Lower Upper
173 100
175 49.6 41.2 61.8
171 52.2 43.2 64.8

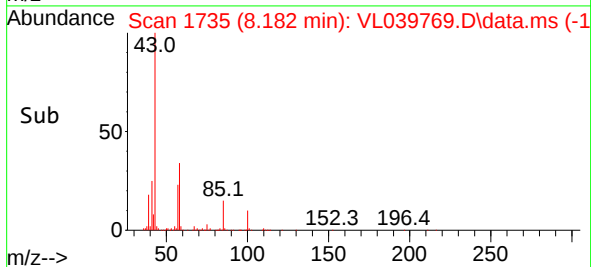
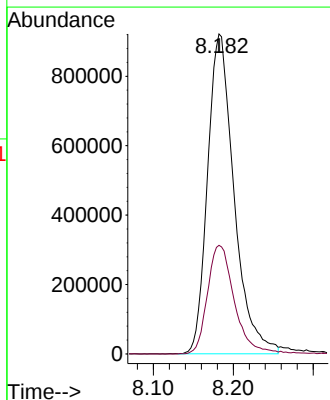
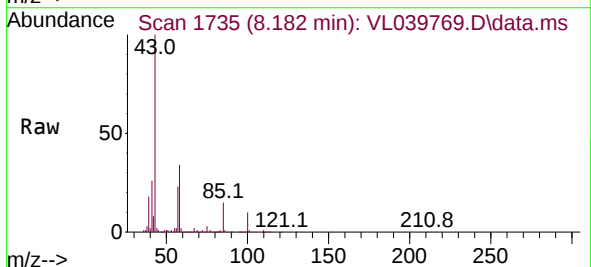
Manual Integrations
APPROVED

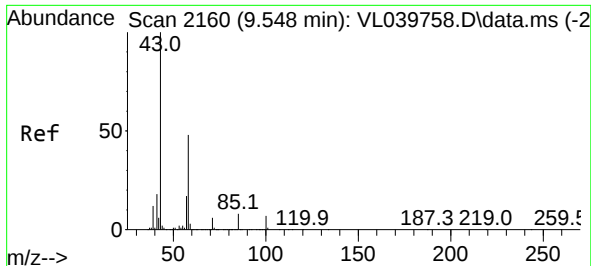
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#50
4-Methyl-2-Pentanone
Concen: 11.189 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

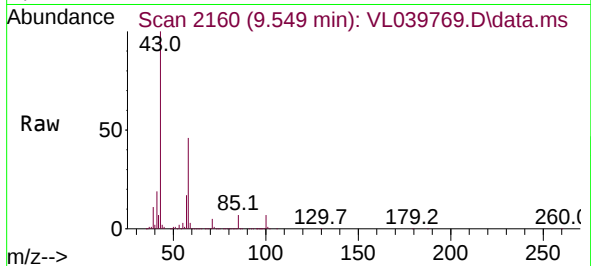
Tgt Ion: 43 Resp: 2121938
Ion Ratio Lower Upper
43 100
58 34.7 28.2 42.4





#51
2-Hexanone
Concen: 11.813 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

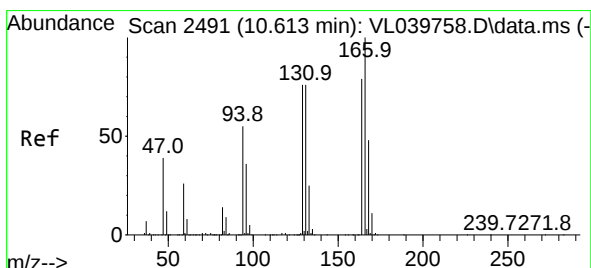
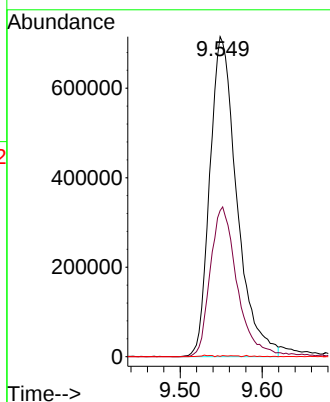
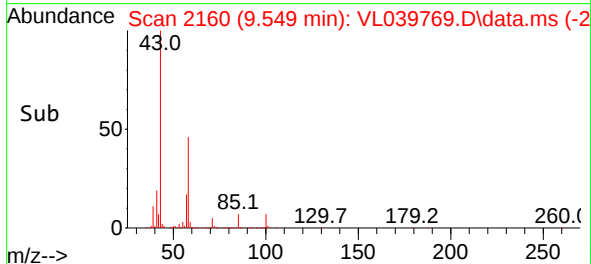
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



Tgt Ion: 43 Resp: 1640049
Ion Ratio Lower Upper
43 100
58 48.0 38.1 57.1
98 0.5 0.2 0.2

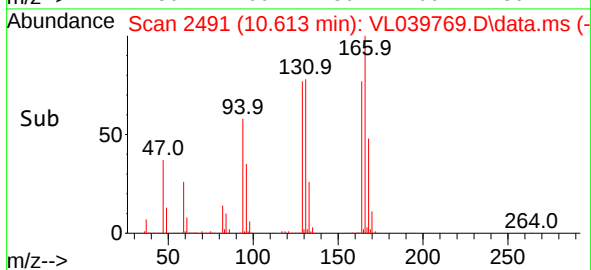
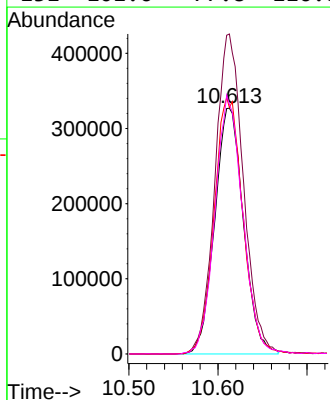
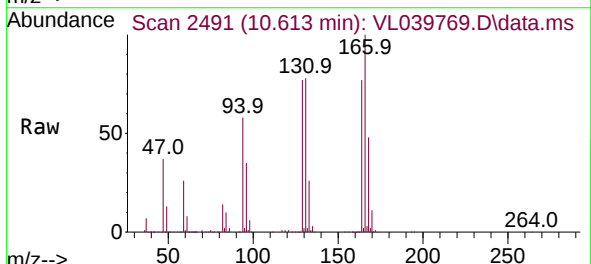
Manual Integrations
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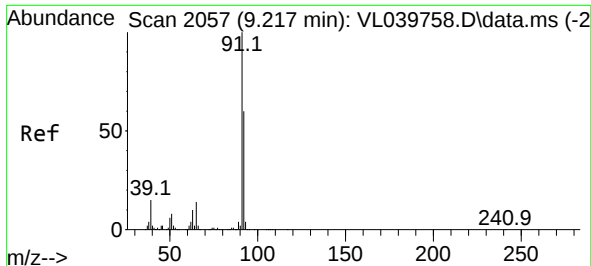
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Tetrachloroethene
Concen: 9.863 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

Tgt Ion:164 Resp: 731007
Ion Ratio Lower Upper
164 100
166 130.1 101.8 152.6
129 100.2 77.5 116.3
131 101.6 77.8 116.8





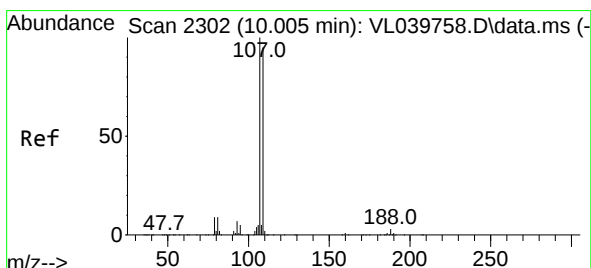
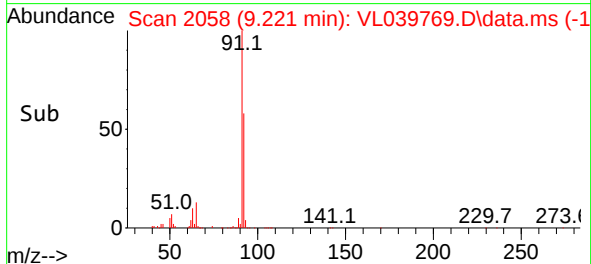
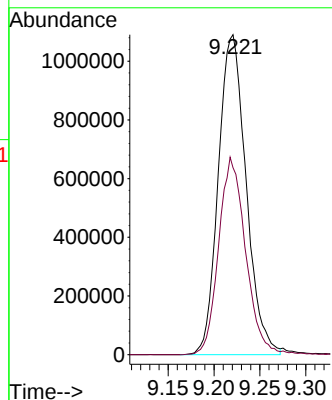
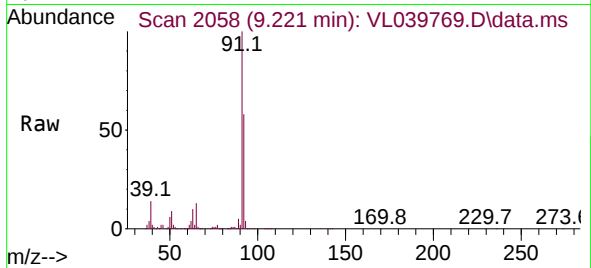
#53
Toluene
Concen: 11.091 ppbv
RT: 9.221 min Scan# 2057
Delta R.T. 0.004 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01

Tgt Ion: 91 Resp: 229911
Ion Ratio Lower Upper
91 100
92 60.2 48.0 72.0

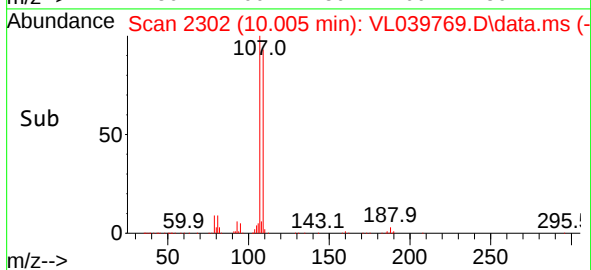
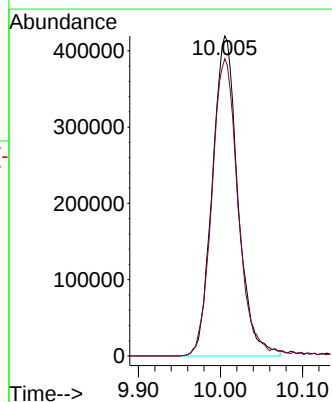
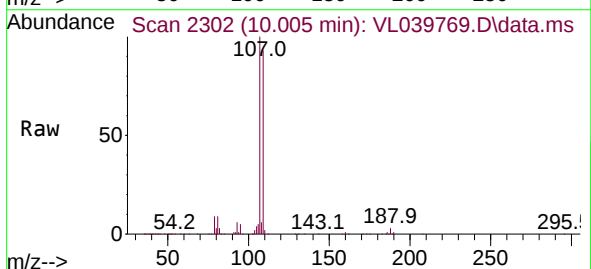
Manual Integrations
APPROVED

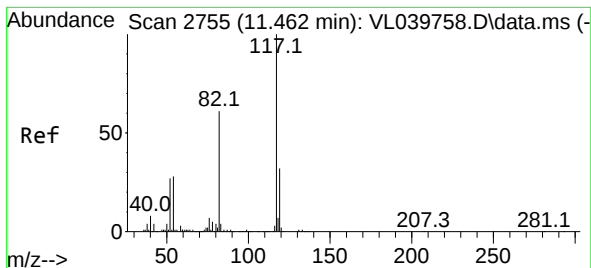
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
1,2-Dibromoethane
Concen: 10.923 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

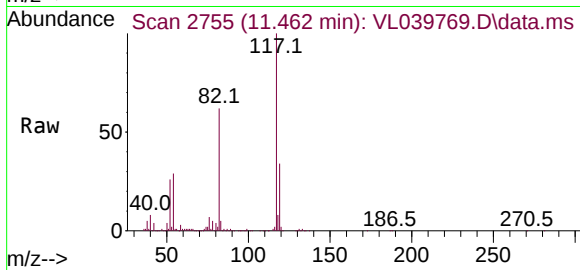
Tgt Ion:107 Resp: 905014
Ion Ratio Lower Upper
107 100
109 92.9 75.8 113.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.462 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

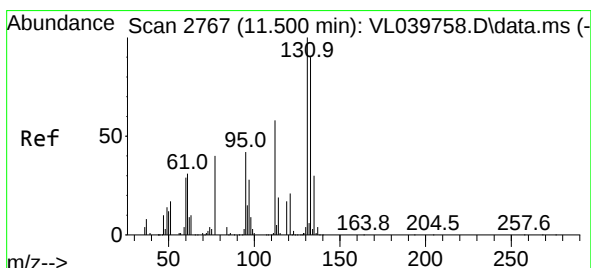
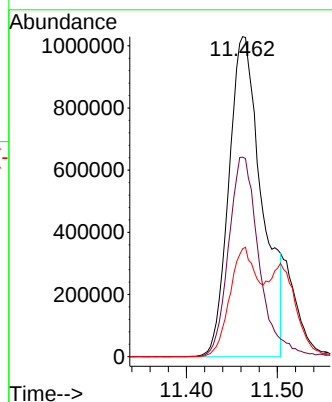
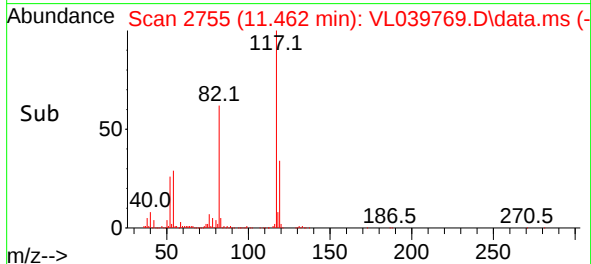
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



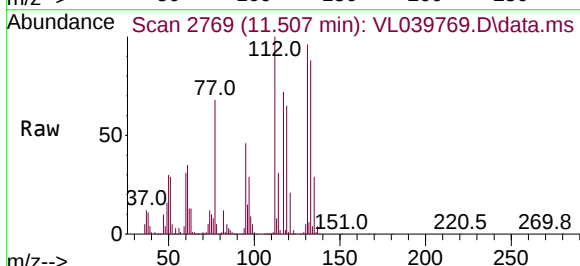
Tgt Ion:117 Resp: 259211
Ion Ratio Lower Upper
117 100
82 58.5 49.9 74.9
119 31.0 25.2 37.8

Manual Integrations
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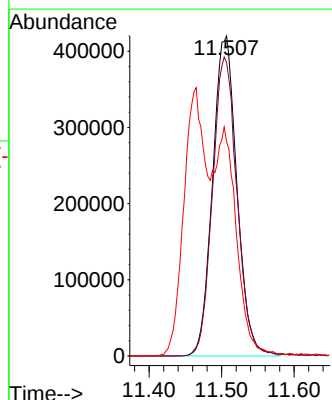
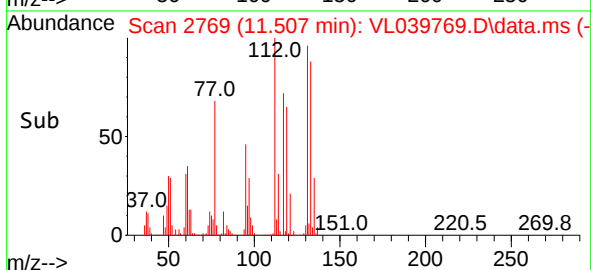
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

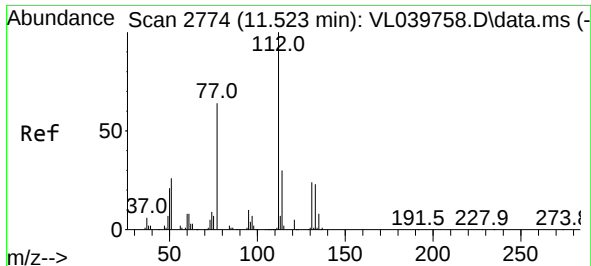


#56
1,1,1,2-Tetrachloroethane
Concen: 8.910 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.007 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



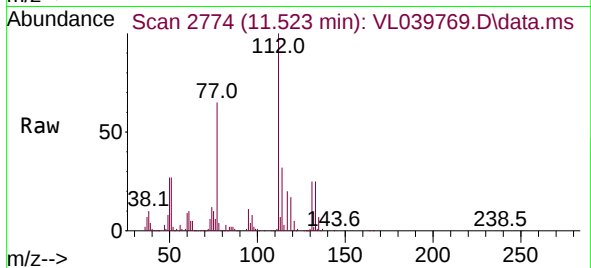
Tgt Ion:131 Resp: 977310
Ion Ratio Lower Upper
131 100
133 94.6 77.1 115.7
119 69.3 52.0 78.0





#57
Chlorobenzene
Concen: 8.691 ppbv
RT: 11.523 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

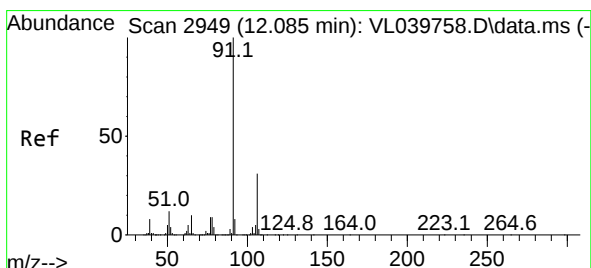
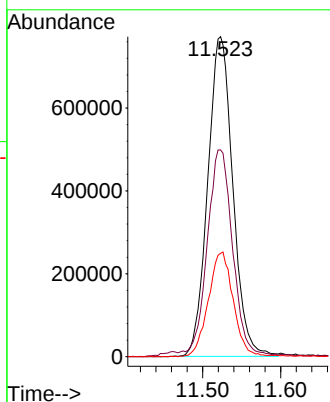
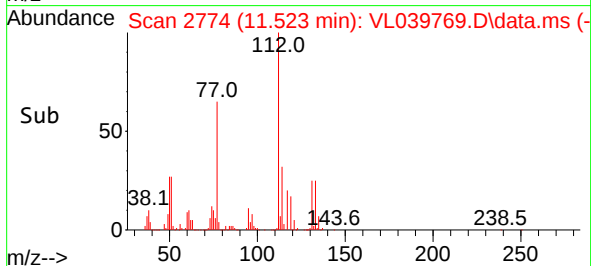
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



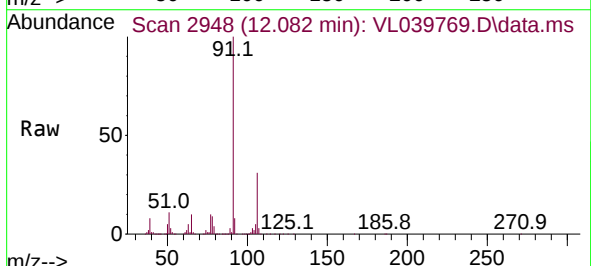
Tgt Ion:112 Resp: 172806
Ion Ratio Lower Upper
112 100
77 64.1 51.5 77.3
114 32.3 27.1 33.1

Manual Integrations
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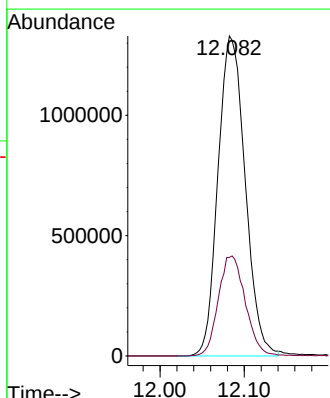
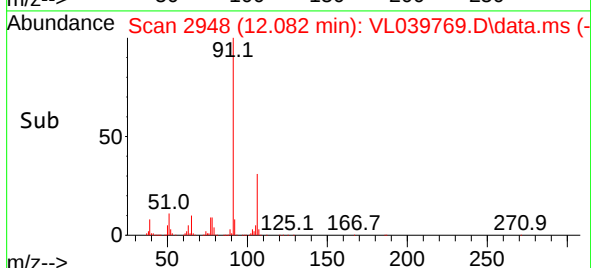
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

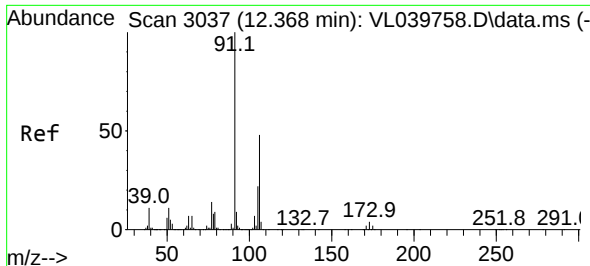


#58
Ethyl Benzene
Concen: 10.056 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



Tgt Ion: 91 Resp: 2969637
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8





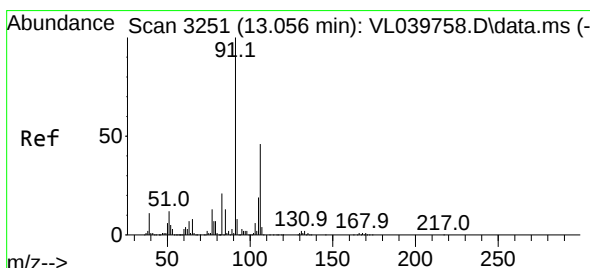
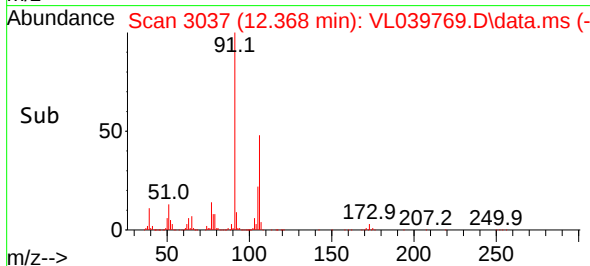
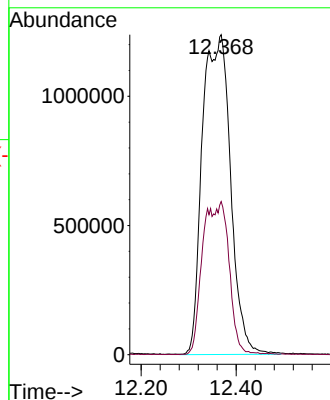
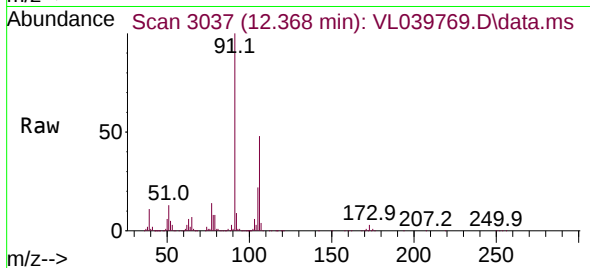
#59
m/p-Xylene
Concen: 19.079 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01

Tgt Ion: 91 Resp: 5085030
Ion Ratio Lower Upper
91 100
106 45.1 36.4 54.6

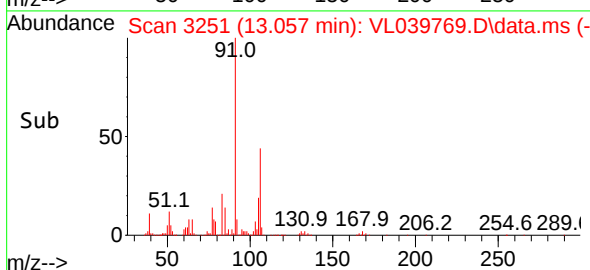
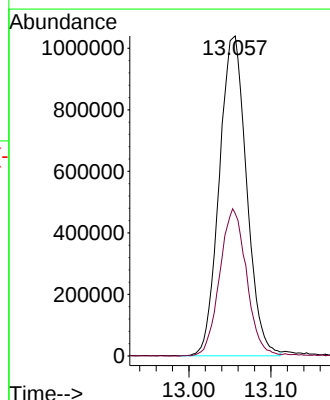
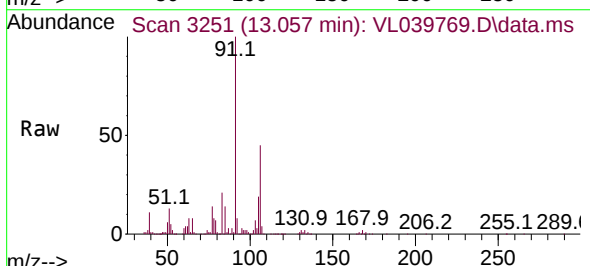
Manual Integrations
APPROVED

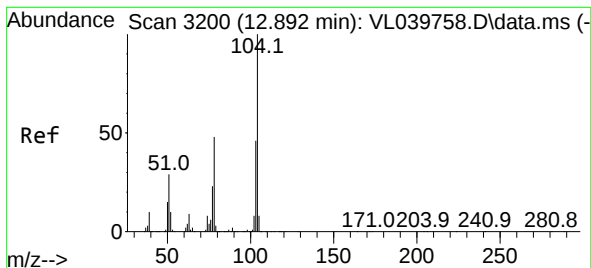
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
o-Xylene
Concen: 9.631 ppbv
RT: 13.057 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

Tgt Ion: 91 Resp: 2406824
Ion Ratio Lower Upper
91 100
106 45.7 22.9 68.8





#61

Styrene

Concen: 10.814 ppbv

RT: 12.893 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039769.D

Acq: 24 Oct 2022 22:52

Instrument :

MSVOA_L

ClientSampleId :

VL1024ABS01

Tgt Ion:104 Resp: 1419318

Ion Ratio Lower Upper

104 100

78 50.4 39.9 59.9

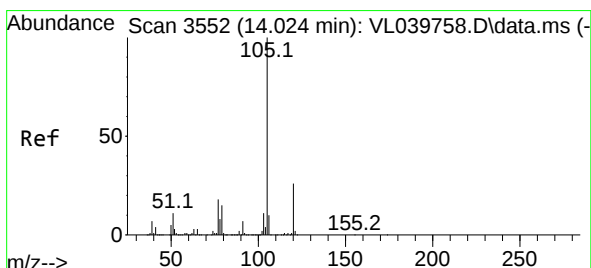
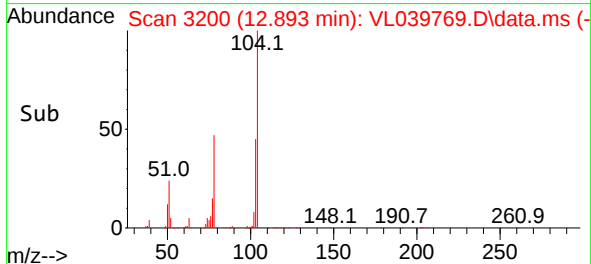
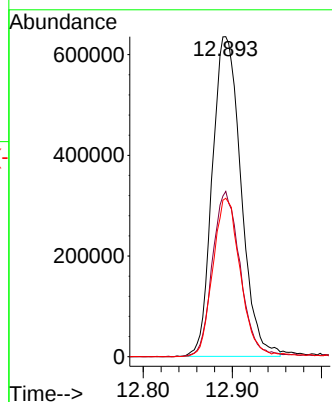
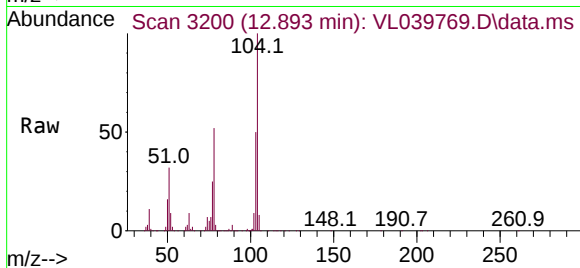
103 48.2 38.8 58.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#62

Isopropylbenzene

Concen: 9.153 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.000 min

Lab File: VL039769.D

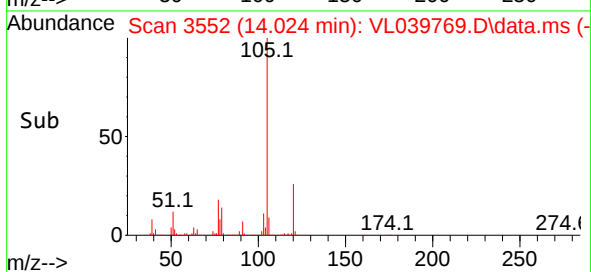
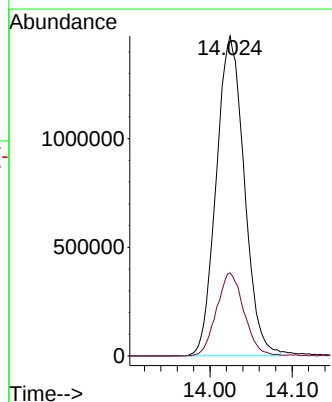
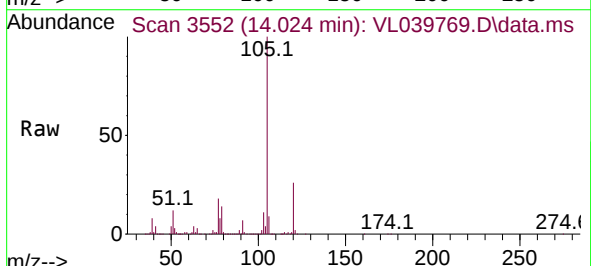
Acq: 24 Oct 2022 22:52

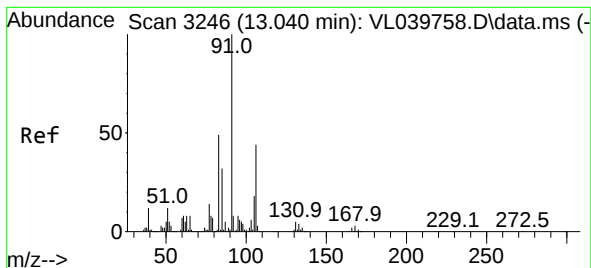
Tgt Ion:105 Resp: 3494652

Ion Ratio Lower Upper

105 100

120 25.7 20.4 30.6





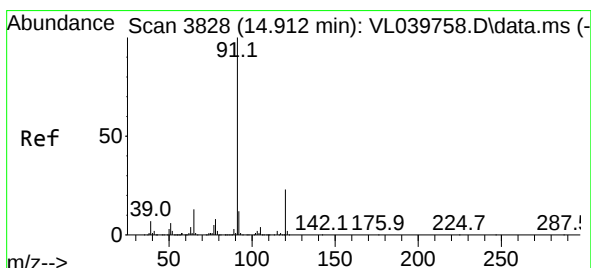
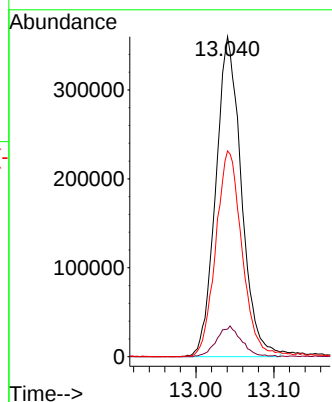
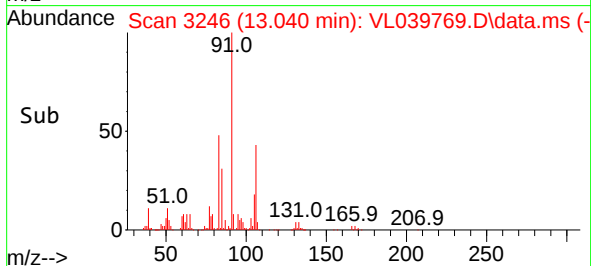
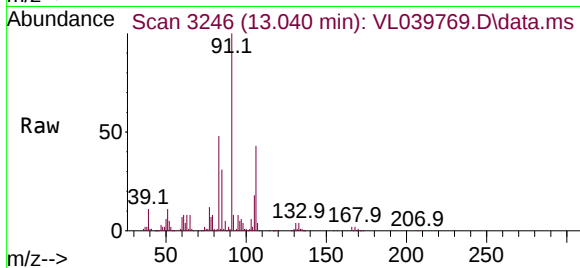
#63
1,1,2,2-Tetrachloroethane
Concen: 7.819 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01

Tgt Ion: 83 Resp: 82192
Ion Ratio Lower Upper
83 100
131 9.3 5.0 14.9
85 66.2 33.6 100.6

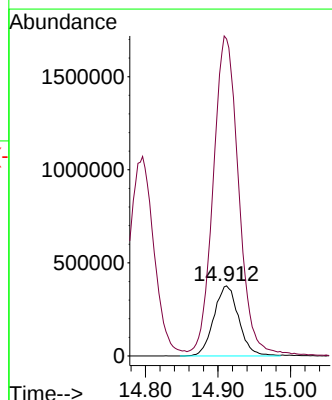
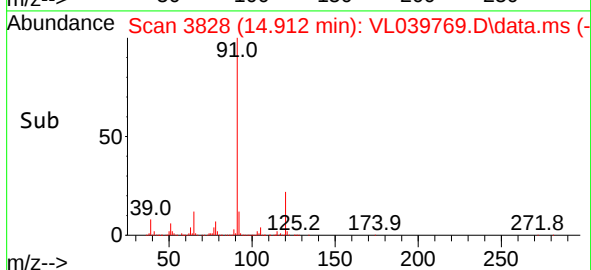
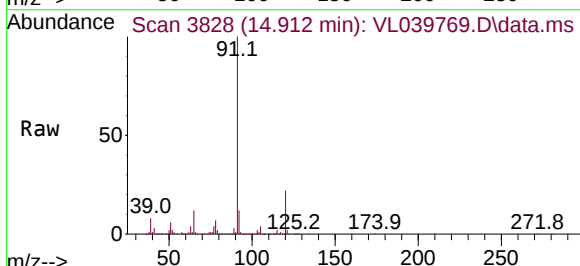
Manual Integrations
APPROVED

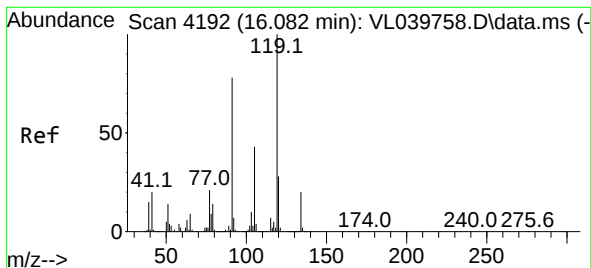
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
n-propylbenzene
Concen: 9.262 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

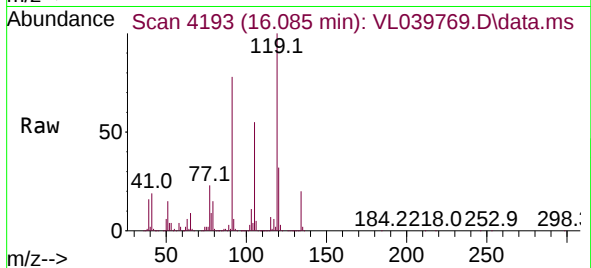
Tgt Ion:120 Resp: 895519
Ion Ratio Lower Upper
120 100
91 471.9 386.6 579.8





#65
tert-Butylbenzene
Concen: 9.039 ppbv
RT: 16.085 min Scan# 4192
Delta R.T. 0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

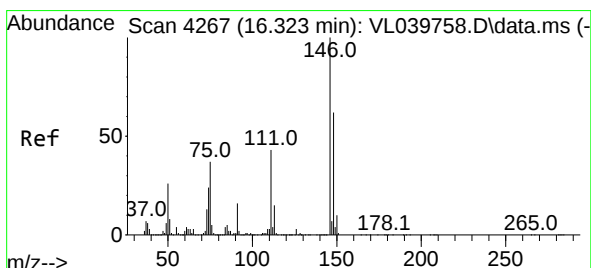
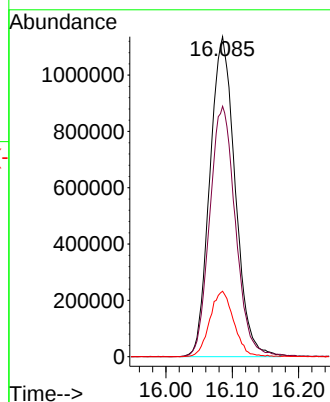
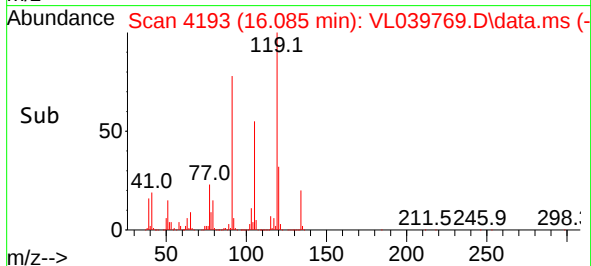
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



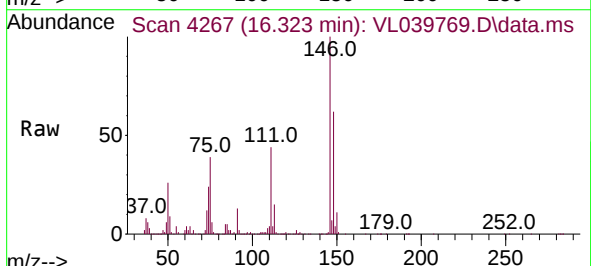
Tgt Ion: 119 Resp: 3007170
Ion Ratio Lower Upper
119 100
91 80.0 63.3 94.9
134 19.5 15.5 23.3

Manual Integrations
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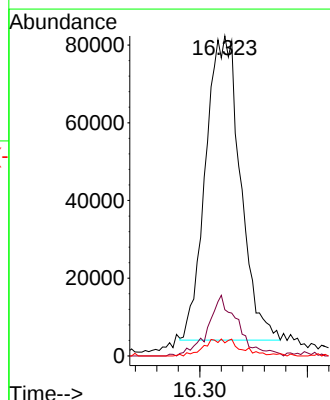
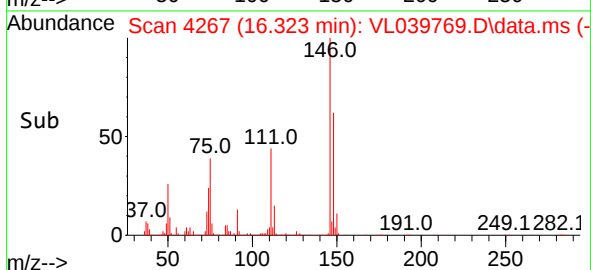
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

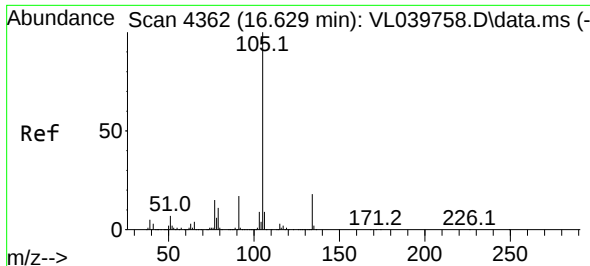


#66
Benzyl Chloride
Concen: 7.439 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



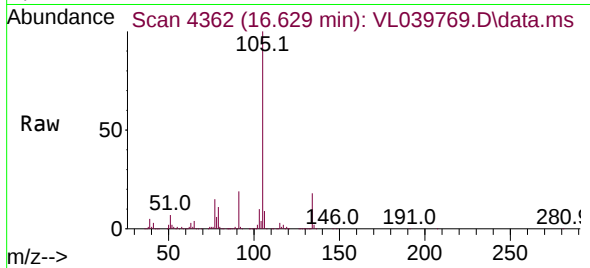
Tgt Ion: 91 Resp: 175577
Ion Ratio Lower Upper
91 100
126 18.1 13.8 20.6
128 6.1 5.1 7.7





#67
 sec-Butylbenzene
 Concen: 8.951 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039769.D
 Acq: 24 Oct 2022 22:52

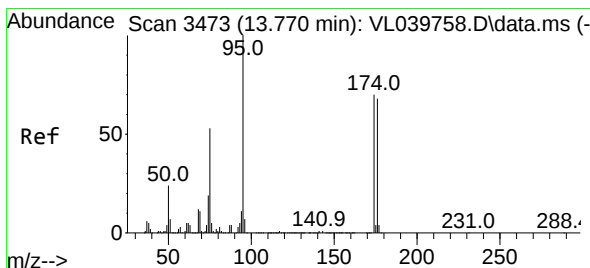
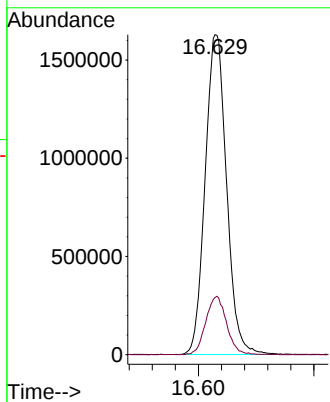
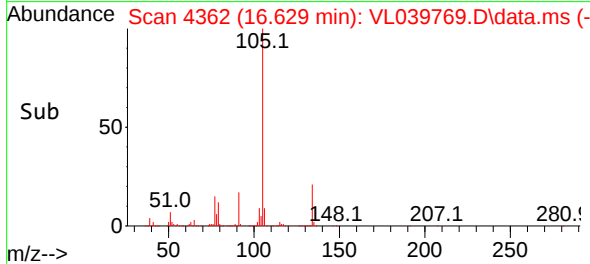
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1024ABS01



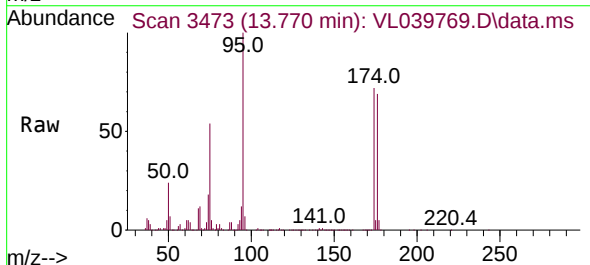
Tgt Ion:105 Resp: 419488
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5

Manual Integrations
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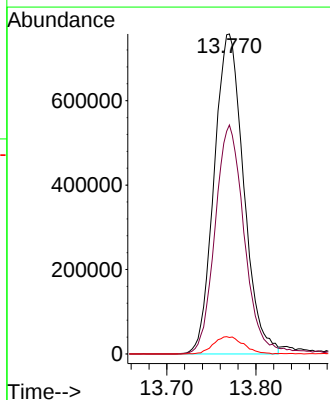
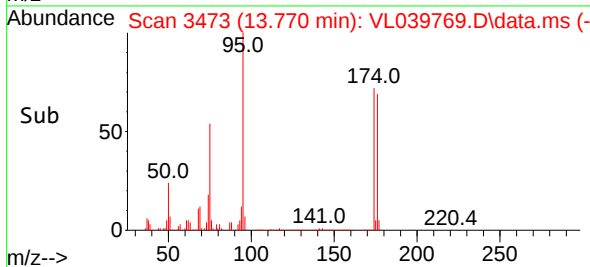
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

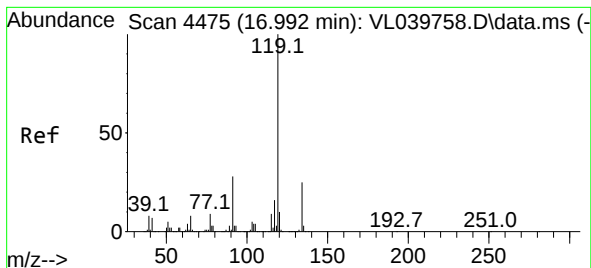


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.456 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL039769.D
 Acq: 24 Oct 2022 22:52



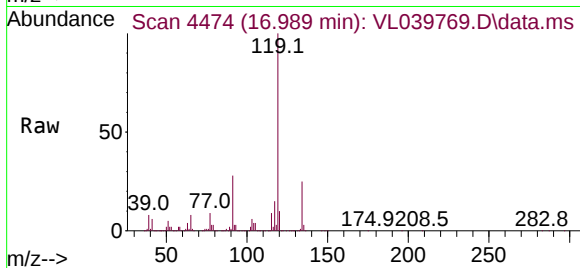
Tgt Ion: 95 Resp: 1743575
 Ion Ratio Lower Upper
 95 100
 174 71.5 57.3 85.9
 175 5.6 4.2 6.2





#69
p-Isopropyltoluene
Concen: 9.080 ppbv
RT: 16.989 min Scan# 4475
Delta R.T. -0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

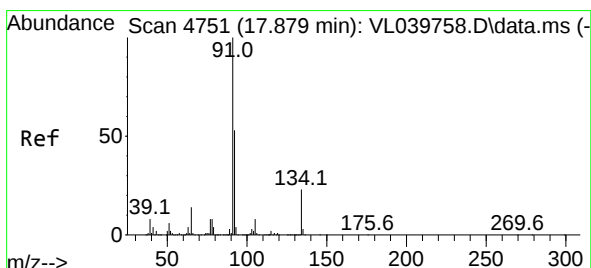
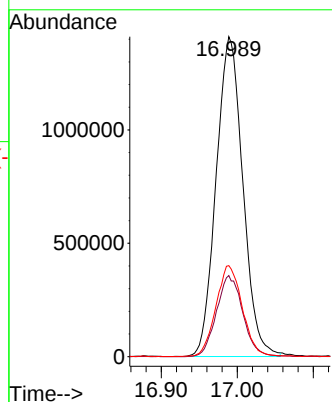
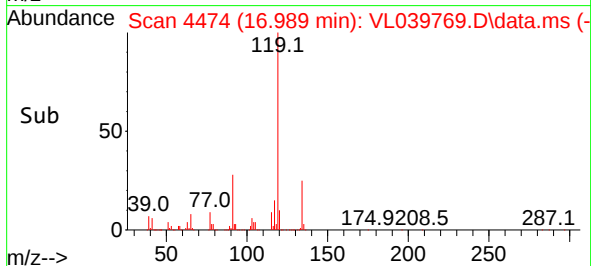
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



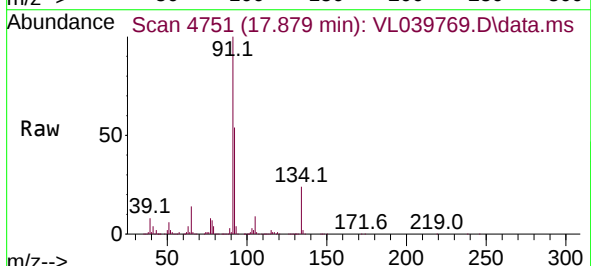
Tgt Ion: 119 Resp: 3442352
Ion Ratio Lower Upper
119 100
134 25.2 19.8 29.6
91 28.3 22.2 33.2

Manual Integrations
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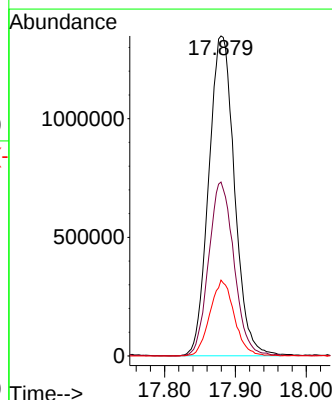
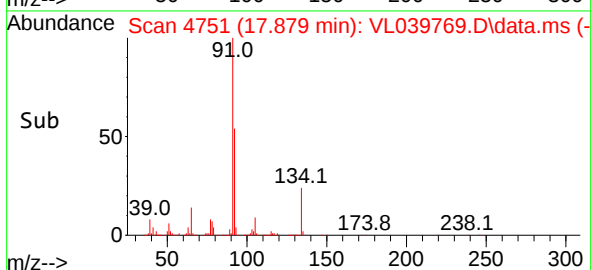
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

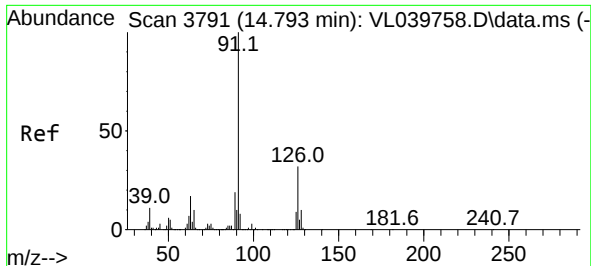


#70
n-Butylbenzene
Concen: 9.387 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



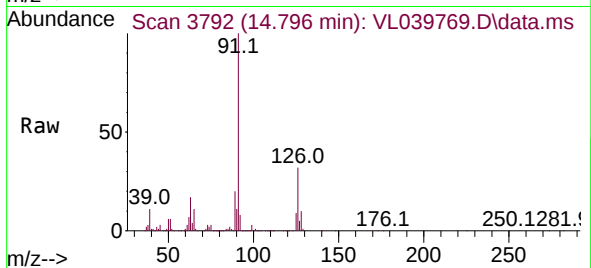
Tgt Ion: 91 Resp: 3402902
Ion Ratio Lower Upper
91 100
92 53.8 43.0 64.6
134 22.6 18.5 27.7





#71
2-Chlorotoluene
Concen: 9.489 ppbv
RT: 14.796 min Scan# 3791
Delta R.T. 0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

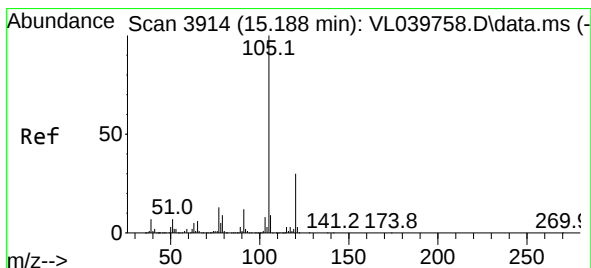
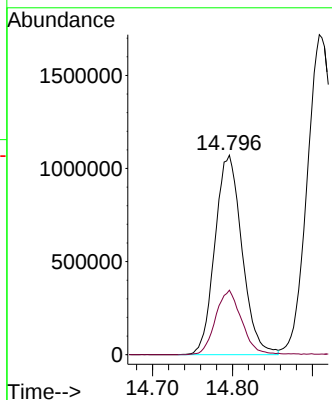
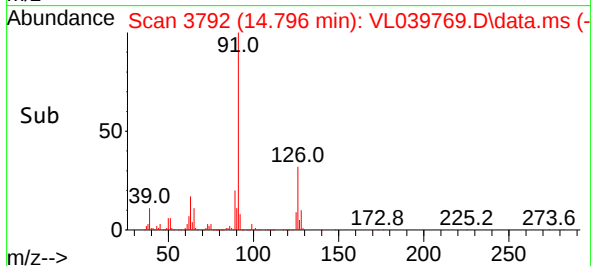
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



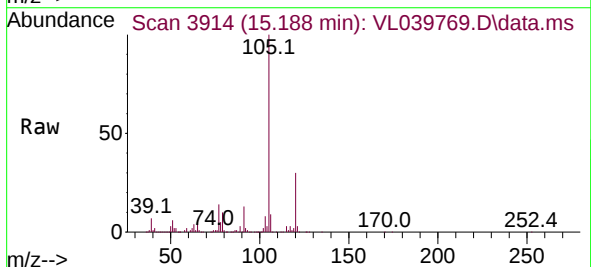
Tgt Ion: 91 Resp: 251635
Ion Ratio Lower Upper
91 100
126 31.8 13.0 52.0

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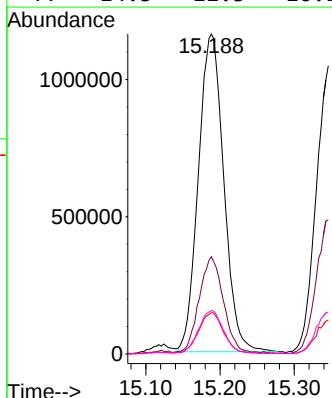
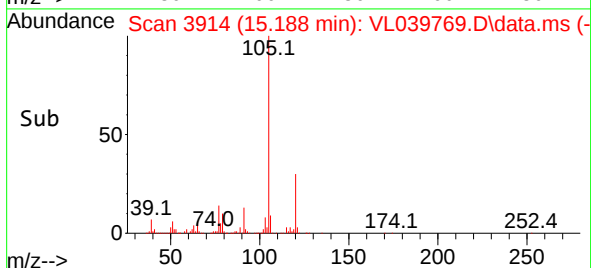
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

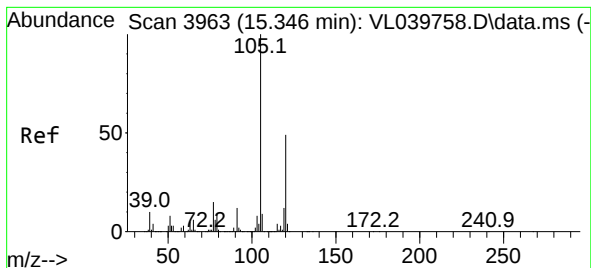


#72
4-Ethyltoluene
Concen: 9.572 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



Tgt Ion:105 Resp: 2755709
Ion Ratio Lower Upper
105 100
120 30.6 25.0 37.6
91 12.6 10.2 15.2
77 14.3 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 9.539 ppbv

RT: 15.346 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VL039769.D

Acq: 24 Oct 2022 22:52

Instrument :

MSVOA_L

ClientSampleId :

VL1024ABS01

Tgt Ion:105 Resp: 245756

Ion Ratio Lower Upper

105 100

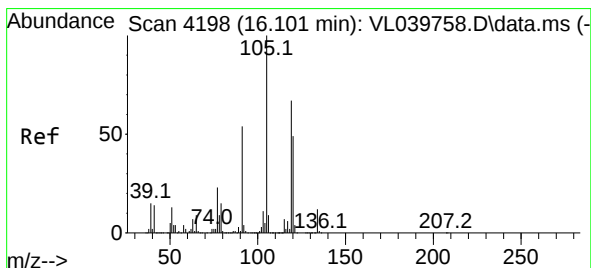
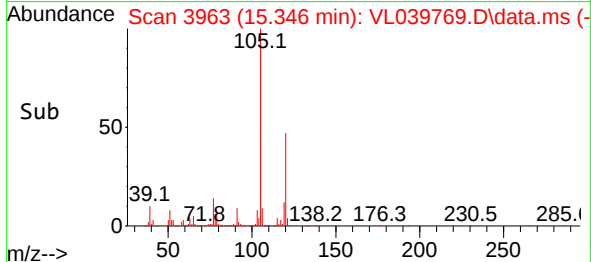
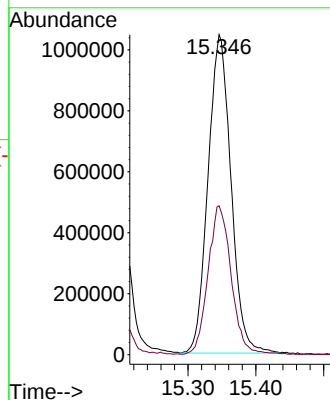
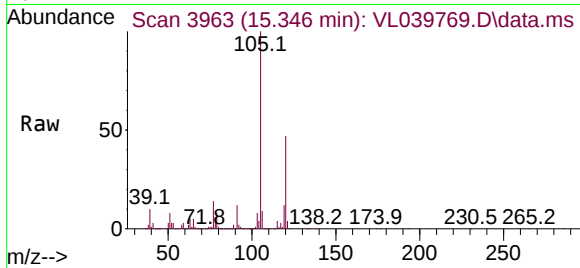
120 46.6 39.0 58.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.975 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. 0.000 min

Lab File: VL039769.D

Acq: 24 Oct 2022 22:52

Tgt Ion:105 Resp: 2618747

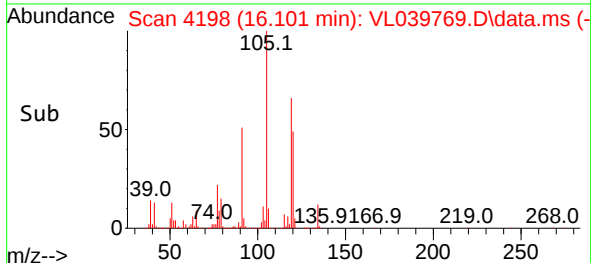
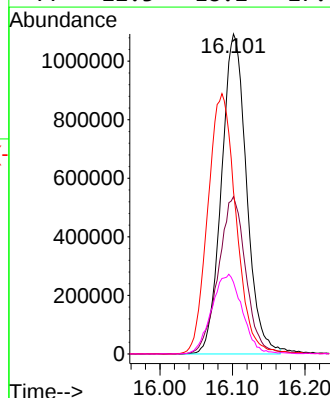
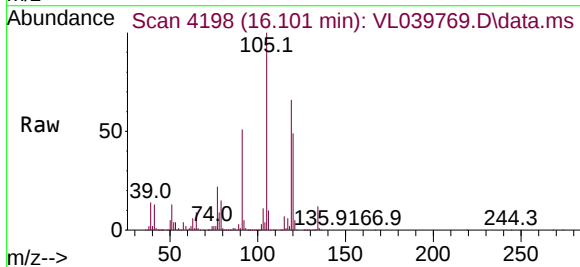
Ion Ratio Lower Upper

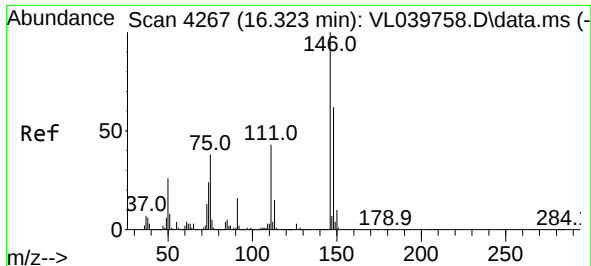
105 100

120 49.2 39.6 59.4

91 50.6 42.9 64.3

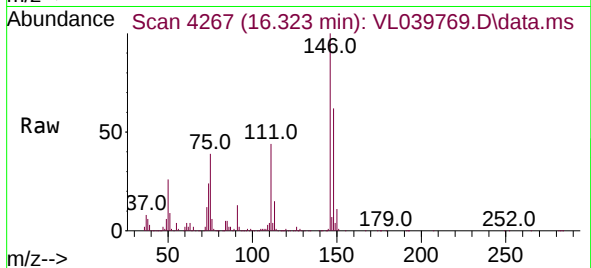
77 22.3 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 8.712 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

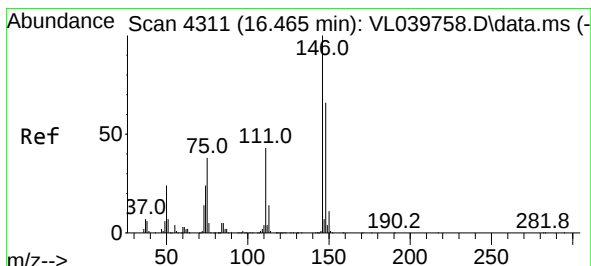
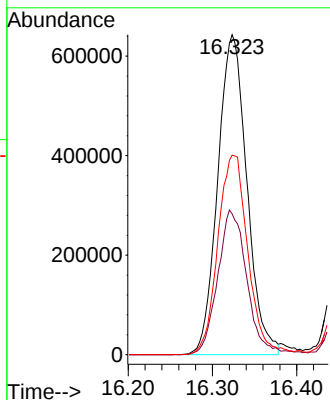
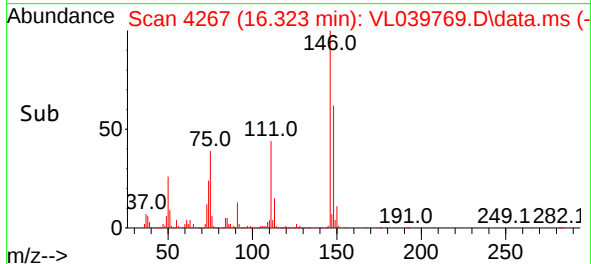
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



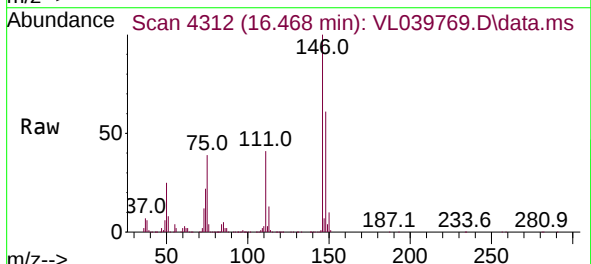
Tgt Ion:146 Resp: 1542708
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.3
148 64.7 32.4 97.0

Manual Integrations
APPROVED

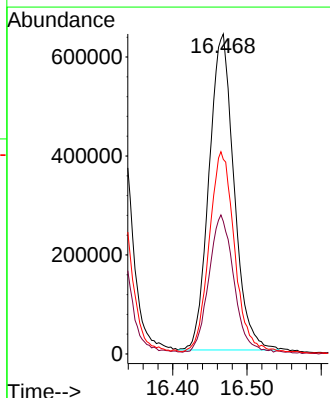
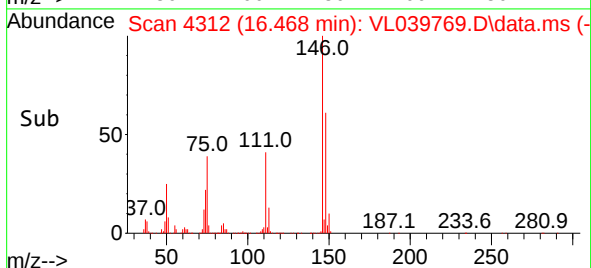
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

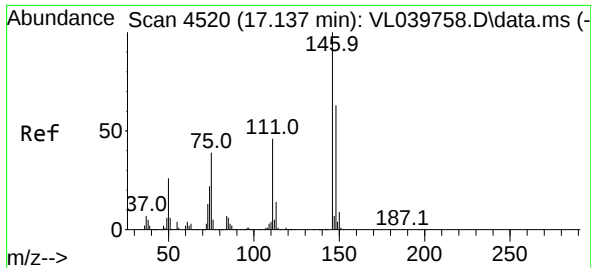


#76
1,4-Dichlorobenzene
Concen: 8.835 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



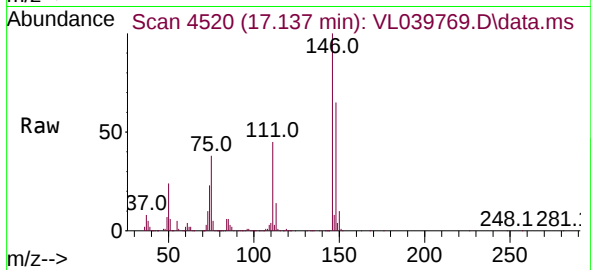
Tgt Ion:146 Resp: 1492230
Ion Ratio Lower Upper
146 100
111 45.0 22.0 66.0
148 66.0 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 8.725 ppbv
RT: 17.137 min Scan# 4520
Delta R.T. 0.000 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

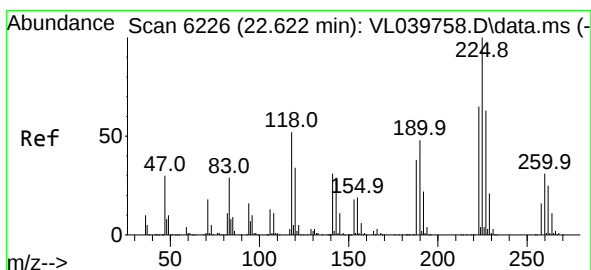
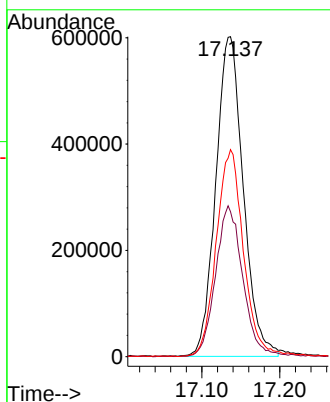
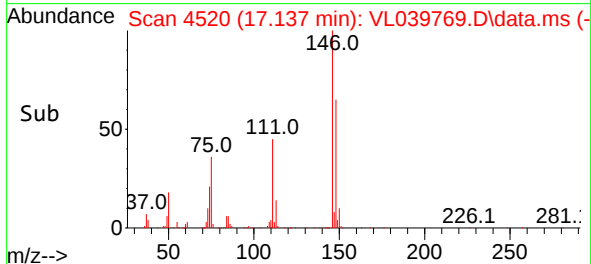
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



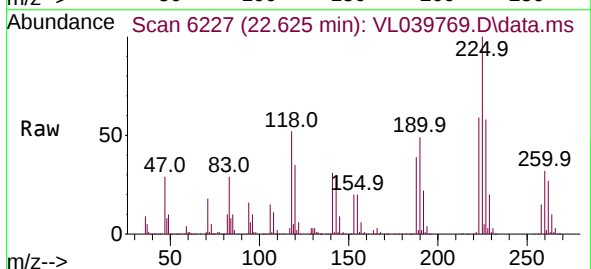
Tgt Ion:146 Resp: 1473414
Ion Ratio Lower Upper
146 100
111 46.9 23.8 71.4
148 64.6 32.3 96.9

Manual Integrations
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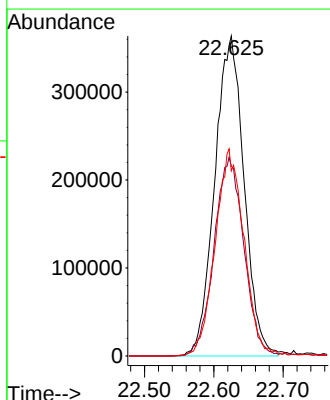
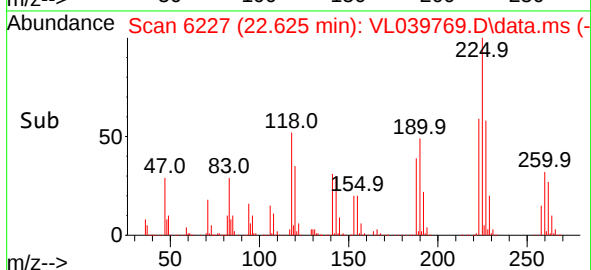
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

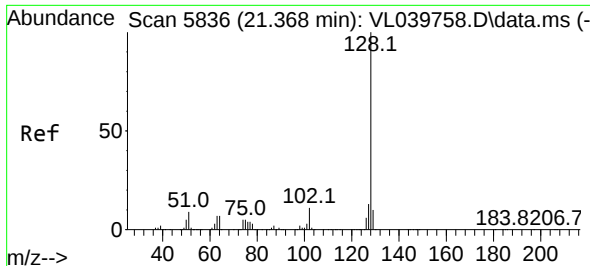


#78
Hexachloro-1,3-Butadiene
Concen: 8.306 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



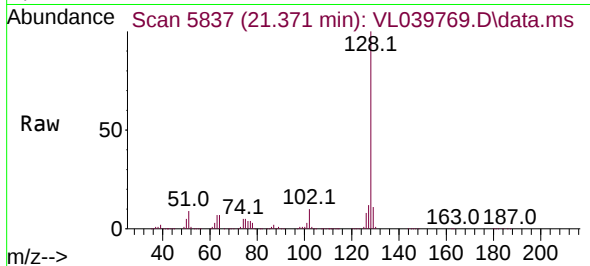
Tgt Ion:225 Resp: 1068927
Ion Ratio Lower Upper
225 100
223 63.4 50.8 76.2
227 63.8 51.0 76.4





#79
Naphthalene
Concen: 12.051 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52

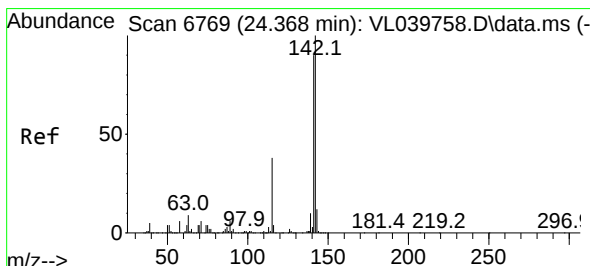
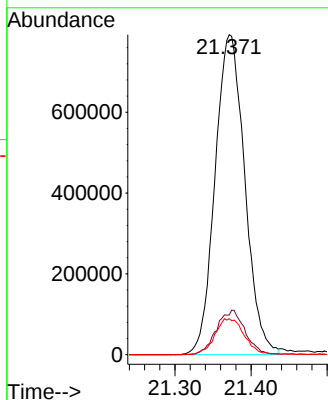
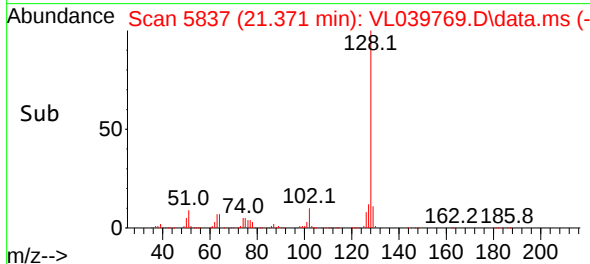
Instrument :
MSVOA_L
ClientSampleId :
VL1024ABS01



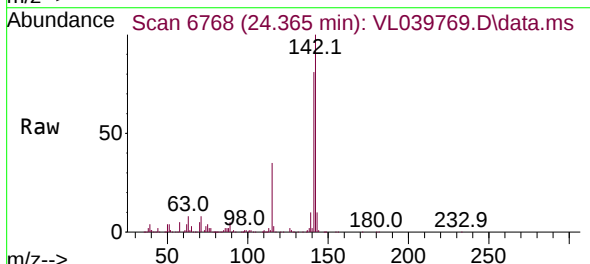
Tgt Ion:128 Resp: 215023
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 11.3 8.4 12.6

Manual Integrations
APPROVED

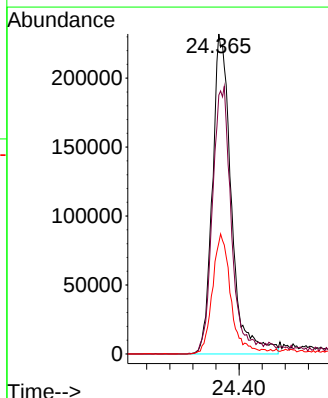
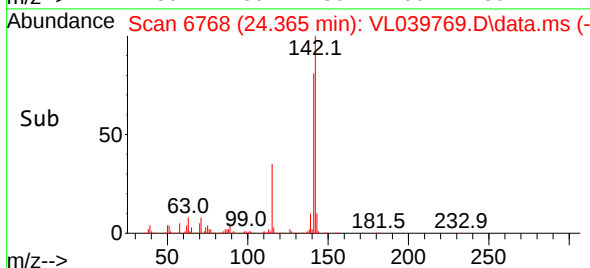
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

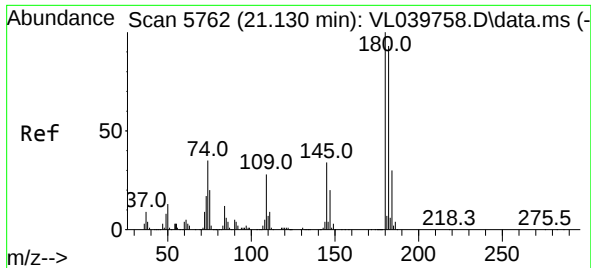


#80
Naphthalene,2-methyl-
Concen: 8.700 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.003 min
Lab File: VL039769.D
Acq: 24 Oct 2022 22:52



Tgt Ion:142 Resp: 527104
Ion Ratio Lower Upper
142 100
141 86.4 65.7 98.5
115 37.3 28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 10.259 ppbv

RT: 21.130 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL039769.D

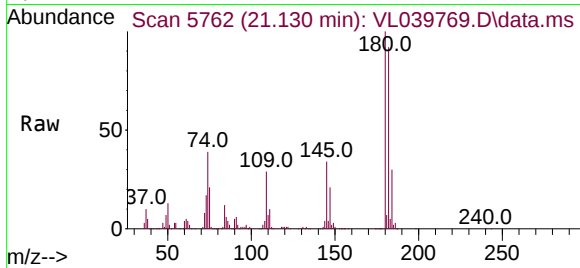
Acq: 24 Oct 2022 22:52

Instrument :

MSVOA_L

ClientSampleId :

VL1024ABS01



Tgt Ion:180 Resp: 1209774

Ion Ratio Lower Upper

180 100

182 94.8 77.5 116.3

184 30.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022

