

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039767.D
 Acq On : 24 Oct 2022 20:19
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102422

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 20:53:24 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	5.195	49	941234	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2470989	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2421640m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 1674963 9.723 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	1083836	10.998	ppbv	98
3) Chlorodifluoromethane	2.693	51	1124679	9.947	ppbv	100
4) Chloromethane	2.828	50	696166	9.836	ppbv	99
5) Vinyl Chloride	2.938	62	596611	10.163	ppbv	99
6) Bromomethane	3.134	94	208363	9.879	ppbv	94
7) Chloroethane	3.214	64	213623	10.133	ppbv	94
8) Dichlorotetrafluoroethane	2.873	85	1379967	10.726	ppbv	98
9) Propene	2.709	41	496894	10.229	ppbv	97
10) Heptane	7.577	43	1298256	11.162	ppbv	100
11) Trichlorofluoromethane	3.578	101	1416083	10.284	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.079	101	1082018	10.133	ppbv	98
13) Ethanol	3.256	45	30312	8.688	ppbv	85
14) Bromoethene	3.381	108	440547	10.396	ppbv	96
15) Acetone	3.481	43	1021696	9.088	ppbv	97
16) 1,3-Butadiene	3.002	39	577732	10.397	ppbv	98
17) tert-Butyl alcohol	3.890	59	932076	10.165	ppbv	99
18) 1,1-Dichloroethene	3.893	96	476903	10.149	ppbv	95
19) Isopropyl Alcohol	3.584	45	561035	10.651	ppbv	98
20) Methylene Chloride	3.944	84	423567	9.903	ppbv	95
21) Allyl Chloride	4.008	41	732675	10.069	ppbv	98
22) trans-1,2-Dichloroethene	4.455	96	489734	10.033	ppbv	98
23) Vinyl Acetate	4.632	43	397279	9.167	ppbv	97
24) 1,1-Dichloroethane	4.571	63	984813	9.758	ppbv	99
25) Ethyl Acetate	5.208	43	2309916	10.510	ppbv	99
26) Hexane	5.217	57	950255	10.397	ppbv	99
27) Carbon Disulfide	4.134	76	1179972	10.876	ppbv	98
28) Methyl tert-Butyl Ether	4.597	73	771519	9.703	ppbv	99
29) Chloroform	5.279	83	1441628	10.034	ppbv	98
30) Cyclohexane	6.603	84	782350	10.447	ppbv	97
31) cis-1,2-Dichloroethene	5.086	61	918702	10.414	ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	1379921	10.582	ppbv	100
34) 2-Butanone	4.793	43	1192104	10.255	ppbv	100
35) Carbon Tetrachloride	6.494	117	1517029	10.768	ppbv	99
36) Benzene	6.372	78	2004753	10.535	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1095991	10.605	ppbv	100
38) Trichloroethene	7.288	130	1164977	10.844	ppbv	98
39) 1,2-Dichloropropane	7.073	63	749583	10.225	ppbv	94
40) 1,4-Dioxane	7.285	88	313548	12.547	ppbv #	100
41) Tetrahydrofuran	5.561	42	802530	11.111	ppbv	100
42) Bromodichloromethane	7.246	83	1576097	10.829	ppbv	99
43) Methyl Methacrylate	7.471	69	775586	11.704	ppbv	97
44) 2,2,4-Trimethylpentane	7.327	57	3397675	10.680	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	701833	12.466	ppbv	97

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

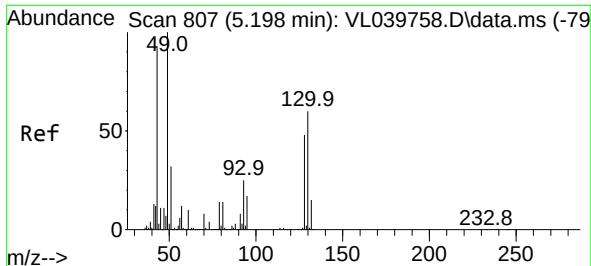
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

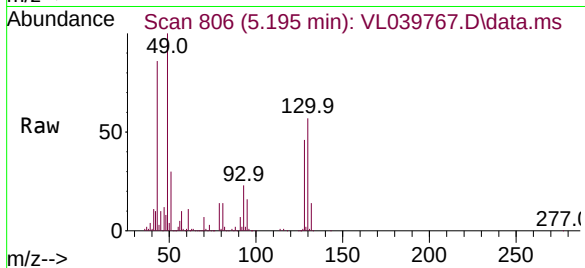
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	985295	12.196	ppbv	97
47) 1,1,2-Trichloroethane	8.896	97	815217	10.386	ppbv	97
48) Dibromochloromethane	9.703	129	1360936	10.770	ppbv	99
49) Bromoform	12.394	173	1089955	10.590	ppbv	98
50) 4-Methyl-2-Pentanone	8.182	43	2161116	11.849	ppbv	99
51) 2-Hexanone	9.545	43	1667168	12.486	ppbv #	99
52) Tetrachloroethene	10.610	164	746230	10.468	ppbv	97
53) Toluene	9.214	91	2343891	11.756	ppbv	99
54) 1,2-Dibromoethane	10.002	107	911515	11.439	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.500	131	976760	9.532	ppbv	100
57) Chlorobenzene	11.519	112	1739573	9.364	ppbv	99
58) Ethyl Benzene	12.079	91	2987479	10.829	ppbv	100
59) m/p-Xylene	12.365	91	5115627m	20.544	ppbv	
60) o-Xylene	13.050	91	2432036	10.417	ppbv	98
61) Styrene	12.889	104	1427794	11.644	ppbv	100
62) Isopropylbenzene	14.021	105	3498998	9.809	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	831883	8.471	ppbv	99
64) n-propylbenzene	14.912	120	896262	9.923	ppbv	98
65) tert-Butylbenzene	16.082	119	3017941	9.709	ppbv	100
66) Benzyl Chloride	16.317	91	189720	8.605	ppbv	99
67) sec-Butylbenzene	16.629	105	4214020	9.625	ppbv	100
69) p-Isopropyltoluene	16.989	119	3462865	9.778	ppbv	99
70) n-Butylbenzene	17.879	91	3414415	10.082	ppbv	99
71) 2-Chlorotoluene	14.793	91	2492054	10.059	ppbv	100
72) 4-Ethyltoluene	15.188	105	2764216	10.278	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	2448457	10.172	ppbv	97
74) 1,2,4-Trimethylbenzene	16.098	105	2608500	9.570	ppbv	98
75) 1,3-Dichlorobenzene	16.323	146	1562086	9.442	ppbv	100
76) 1,4-Dichlorobenzene	16.465	146	1456213	9.229	ppbv	98
77) 1,2-Dichlorobenzene	17.133	146	1487912	9.431	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	1060595	8.822	ppbv	99
79) Naphthalene	21.371	128	2150274	12.900	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	565367	9.988	ppbv	99
81) 1,2,4-Trichlorobenzene	21.127	180	1203313	10.923	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 807
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

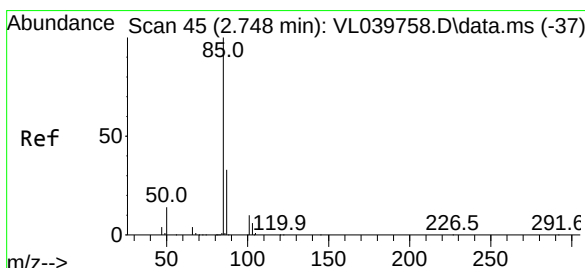
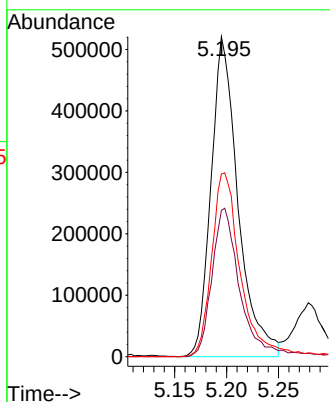
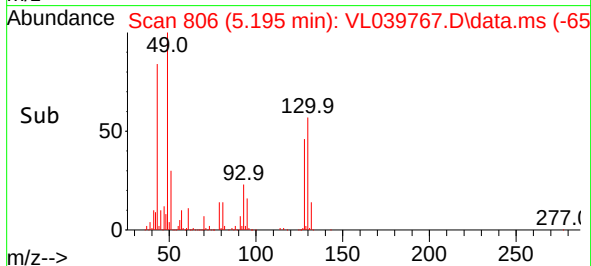
Instrument : MSVOA_L
ClientSampleId : ICVVL102422



Tgt Ion: 49 Resp: 941234
Ion Ratio Lower Upper
49 100
128 48.8 24.6 74.0
130 62.1 31.8 95.3

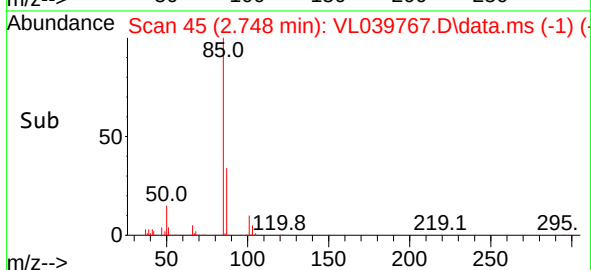
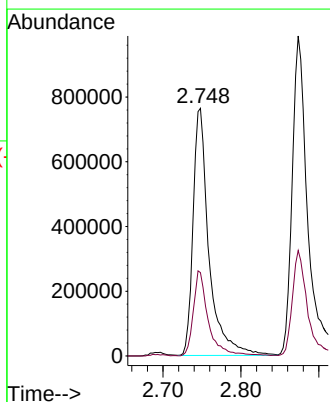
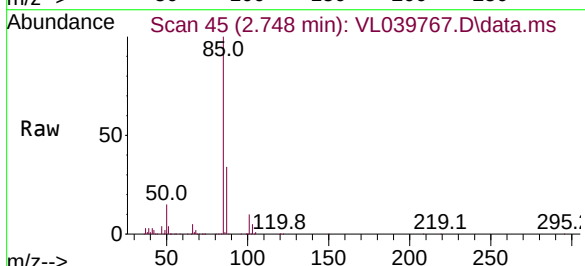
Manual Integrations
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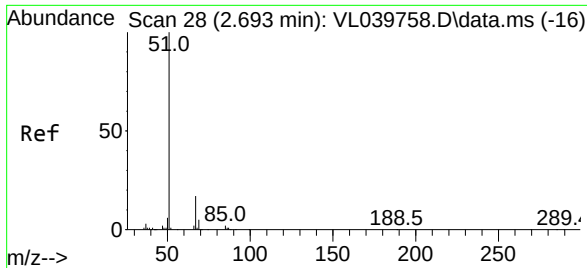
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 10.998 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

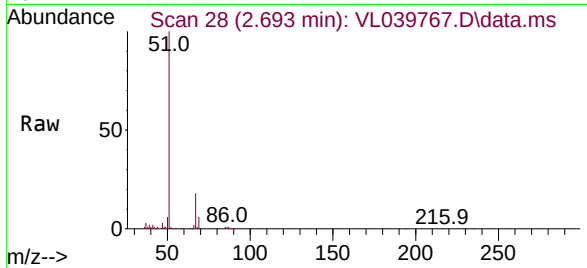
Tgt Ion: 85 Resp: 1083836
Ion Ratio Lower Upper
85 100
87 33.7 26.1 39.1





#3
Chlorodifluoromethane
Concen: 9.947 ppbv
RT: 2.693 min Scan# 28
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

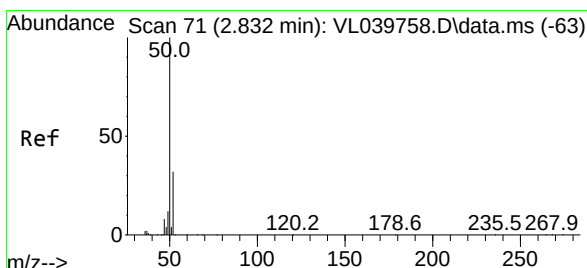
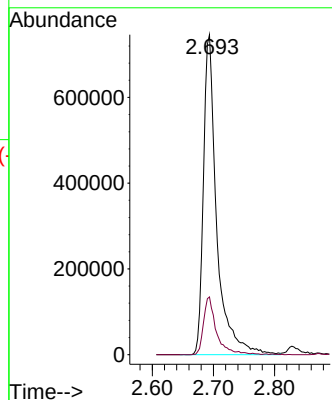
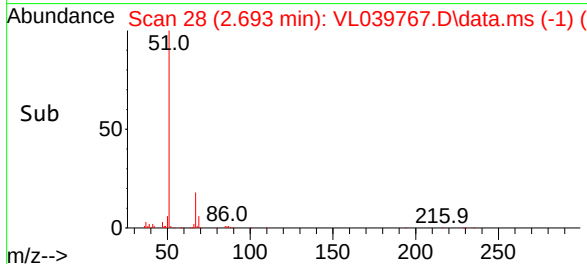
Instrument : MSVOA_L
ClientSampleId : ICVVL102422



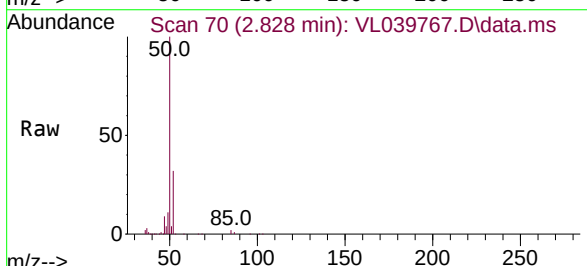
Tgt Ion: 51 Resp: 1124679
Ion Ratio Lower Upper
51 100
67 17.8 14.2 21.2

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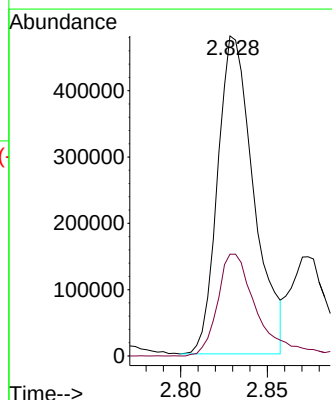
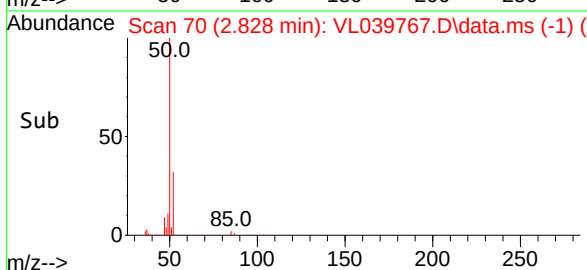
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

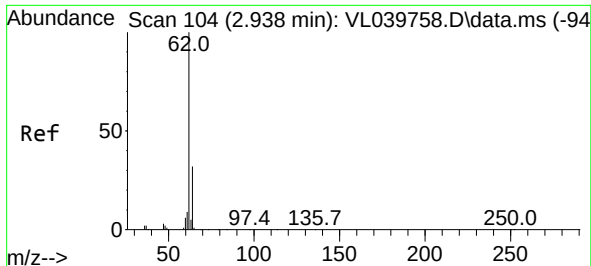


#4
Chloromethane
Concen: 9.836 ppbv
RT: 2.828 min Scan# 70
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



Tgt Ion: 50 Resp: 696166
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9





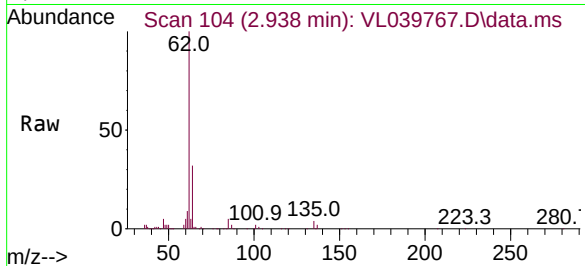
#5
 Vinyl Chloride
 Concen: 10.163 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. -0.000 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102422

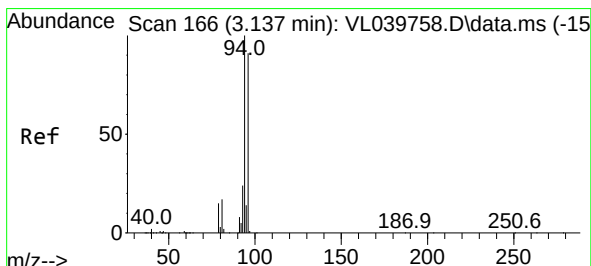
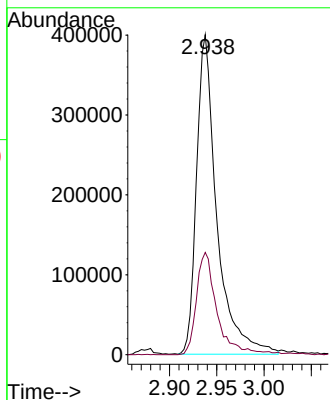
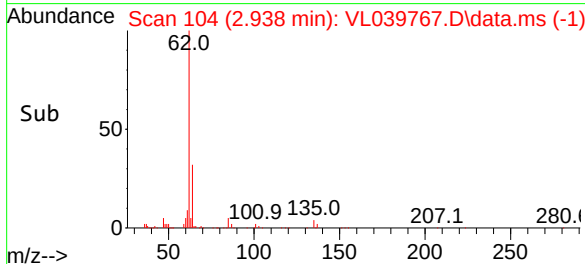


Tgt Ion: 62 Resp: 59661
 Ion Ratio Lower Upper
 62 100
 64 32.0 26.0 39.0

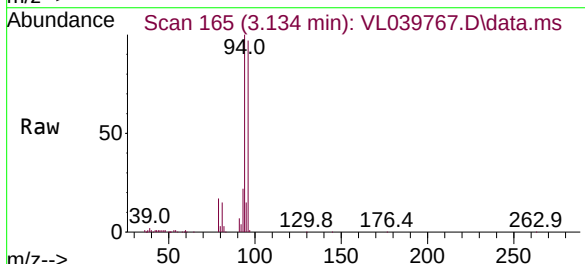
Manual Integrations

APPROVED

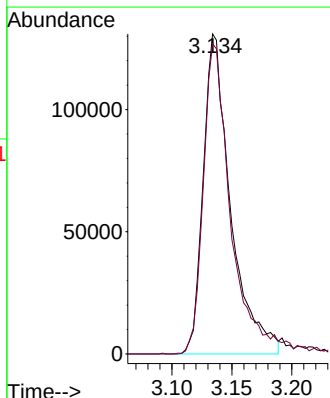
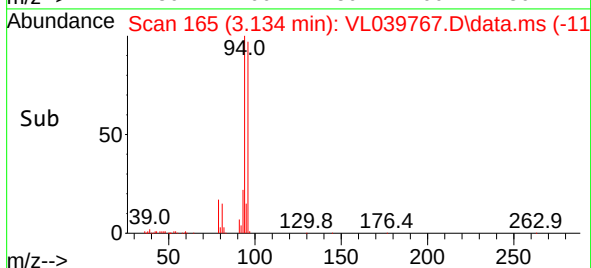
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

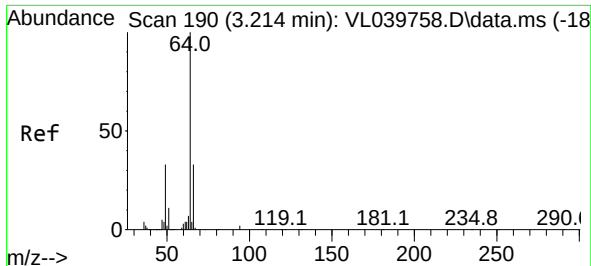


#6
 Bromomethane
 Concen: 9.879 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. -0.003 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19



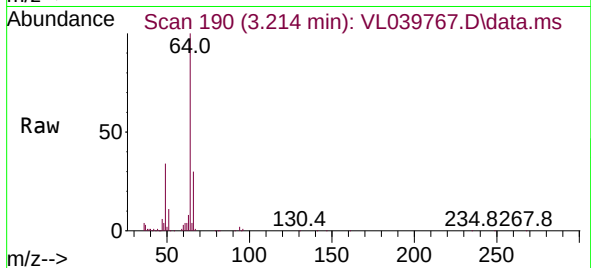
Tgt Ion: 94 Resp: 208363
 Ion Ratio Lower Upper
 94 100
 96 96.7 73.0 109.6





#7
Chloroethane
Concen: 10.133 ppbv
RT: 3.214 min Scan# 190
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

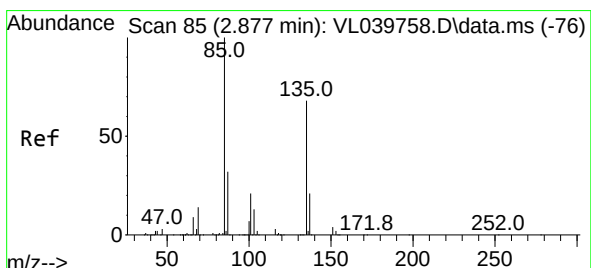
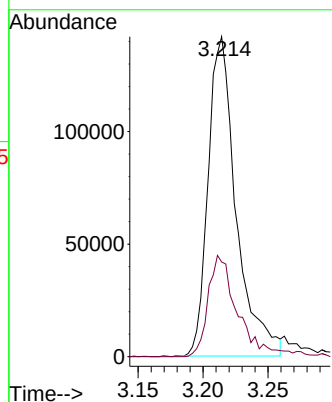
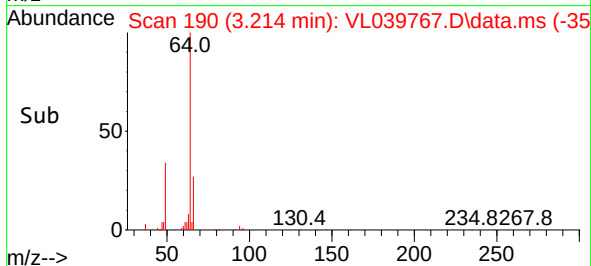
Instrument : MSVOA_L
ClientSampleId : ICVVL102422



Tgt Ion: 64 Resp: 21362
Ion Ratio Lower Upper
64 100
66 29.6 26.3 39.5

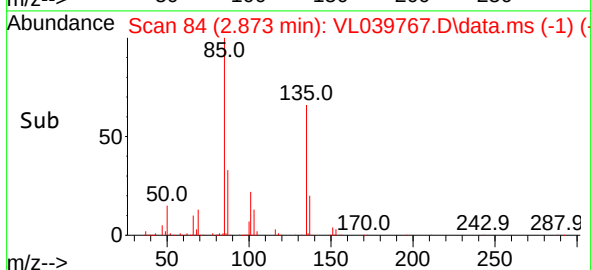
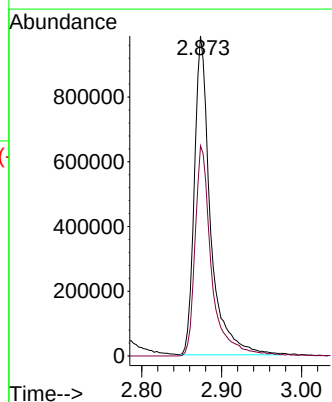
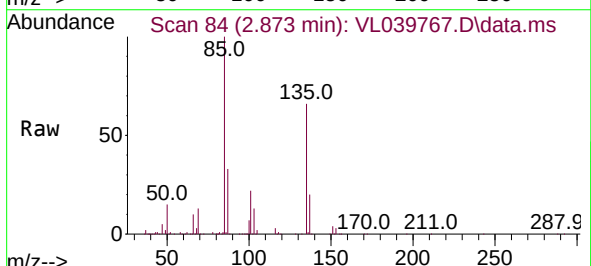
Manual Integrations
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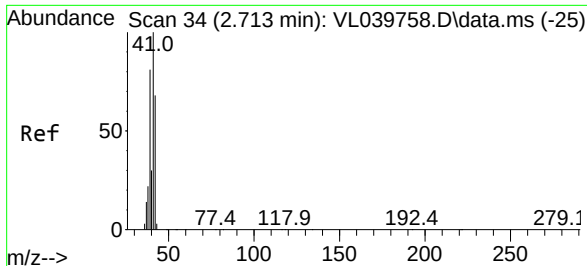
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Dichlorotetrafluoroethane
Concen: 10.726 ppbv
RT: 2.873 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

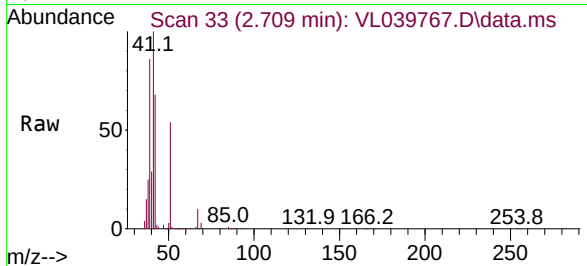
Tgt Ion: 85 Resp: 1379967
Ion Ratio Lower Upper
85 100
135 68.3 55.8 83.6





#9
 Propene
 Concen: 10.229 ppbv
 RT: 2.709 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19

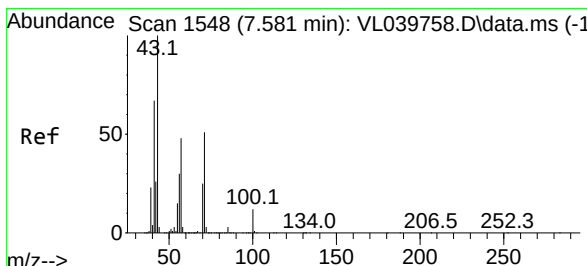
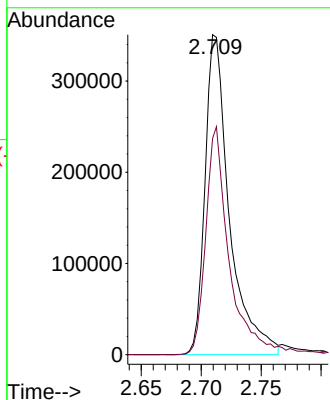
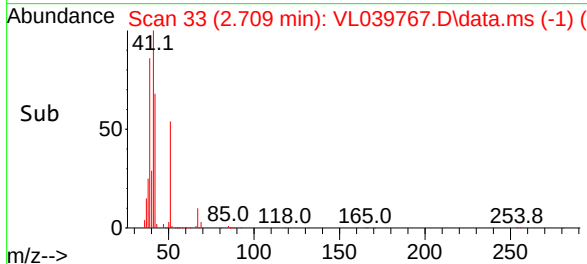
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102422



Tgt Ion: 41 Resp: 496894
 Ion Ratio Lower Upper
 41 100
 42 70.2 58.0 87.0

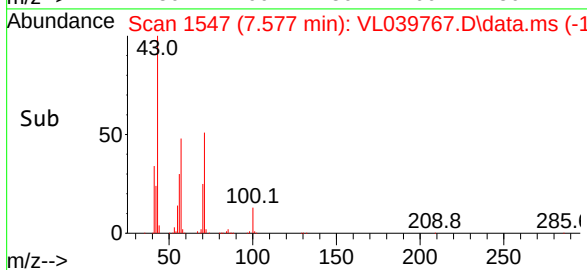
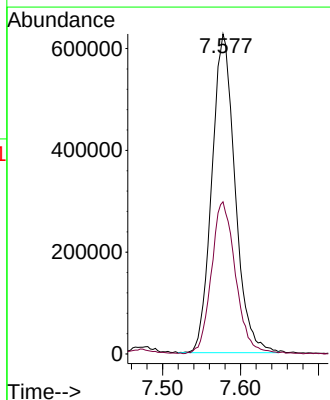
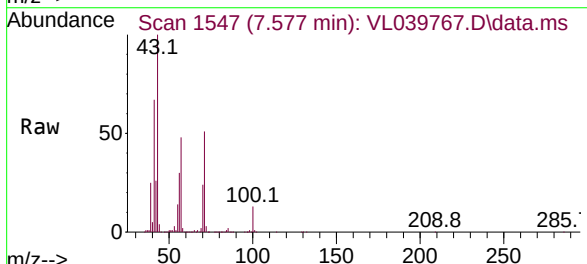
Manual Integrations
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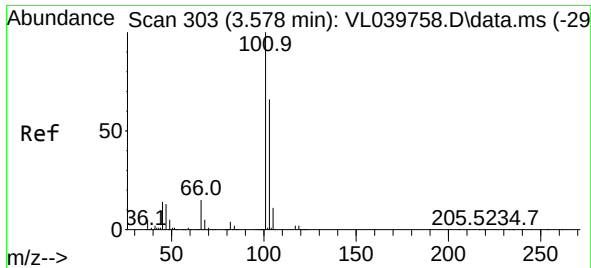
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#10
 Heptane
 Concen: 11.162 ppbv
 RT: 7.577 min Scan# 1547
 Delta R.T. -0.003 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19

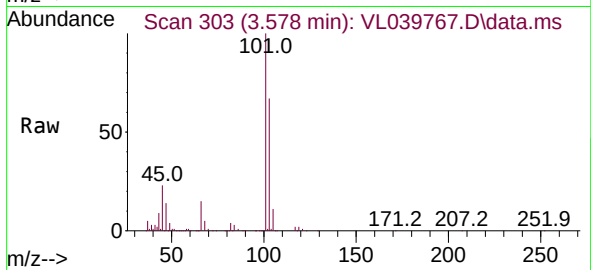
Tgt Ion: 43 Resp: 1298256
 Ion Ratio Lower Upper
 43 100
 57 49.7 40.0 60.0





#11
 Trichlorofluoromethane
 Concen: 10.284 ppbv
 RT: 3.578 min Scan# 303
 Delta R.T. -0.000 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19

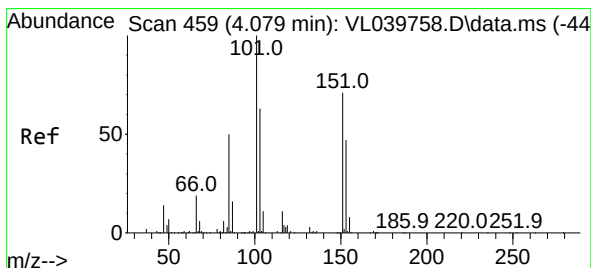
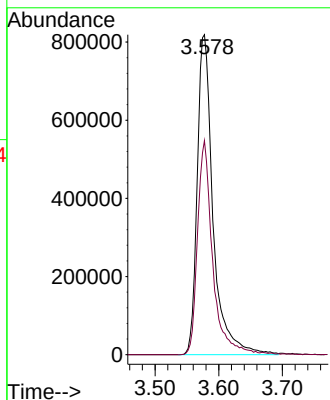
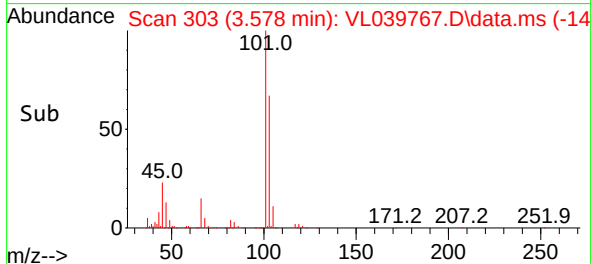
Instrument : MSVOA_L
 ClientSampleId : ICVVL102422



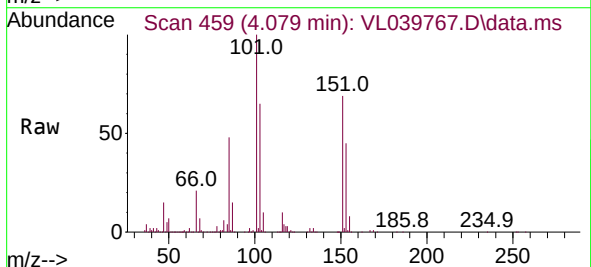
Tgt Ion:101 Resp: 141608
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.7 79.1

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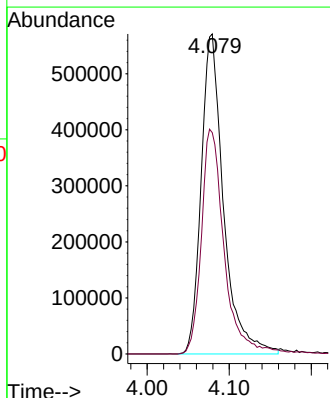
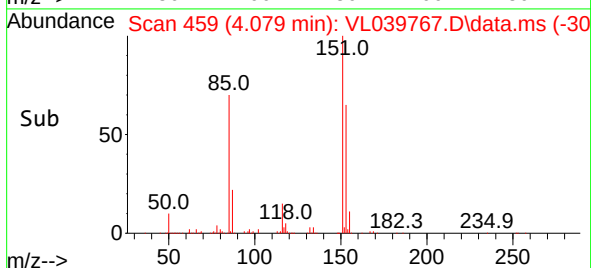
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

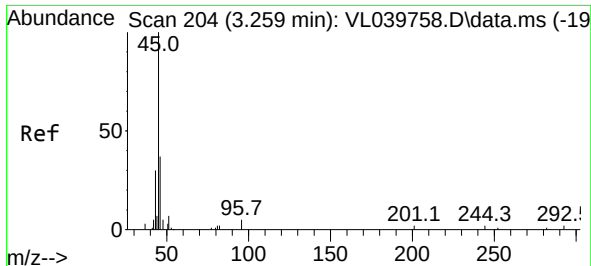


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.133 ppbv
 RT: 4.079 min Scan# 459
 Delta R.T. -0.000 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19



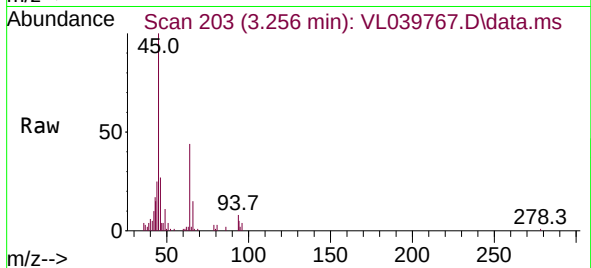
Tgt Ion:101 Resp: 1082018
 Ion Ratio Lower Upper
 101 100
 151 72.0 56.6 84.8





#13
Ethanol
Concen: 8.688 ppbv
RT: 3.256 min Scan# 204
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

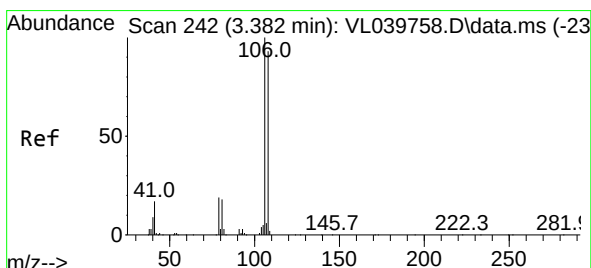
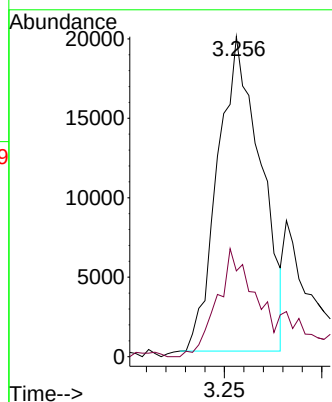
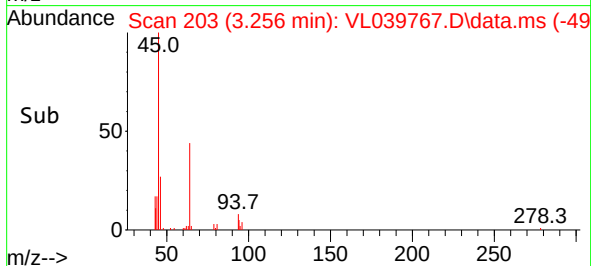
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102422



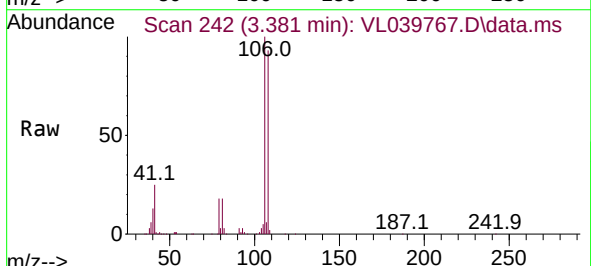
Tgt Ion: 45 Resp: 30312
Ion Ratio Lower Upper
45 100
46 47.7 15.3 61.3

Manual Integrations
APPROVED

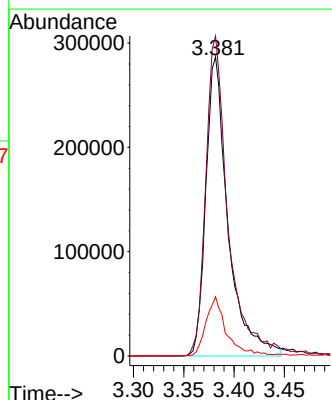
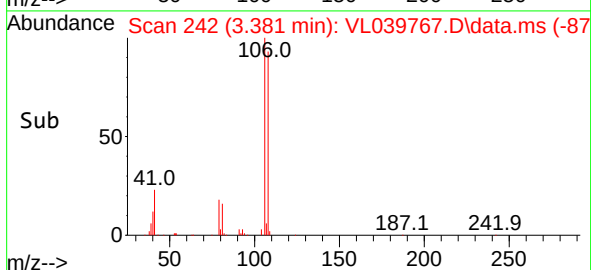
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

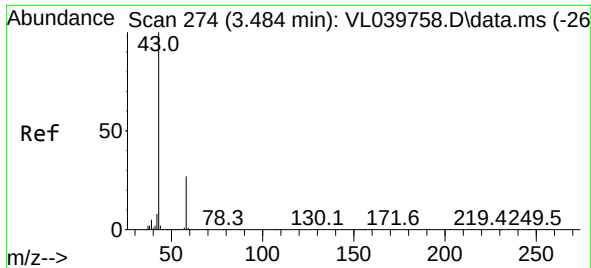


#14
Bromoethene
Concen: 10.396 ppbv
RT: 3.381 min Scan# 242
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



Tgt Ion:108 Resp: 440547
Ion Ratio Lower Upper
108 100
106 109.3 90.6 136.0
79 19.2 16.6 24.8





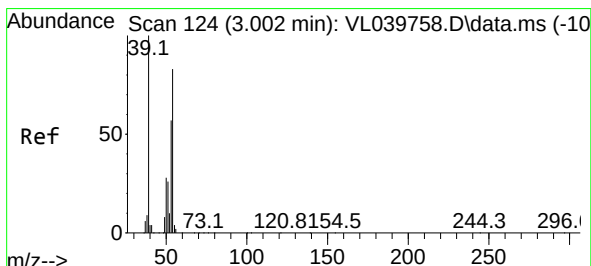
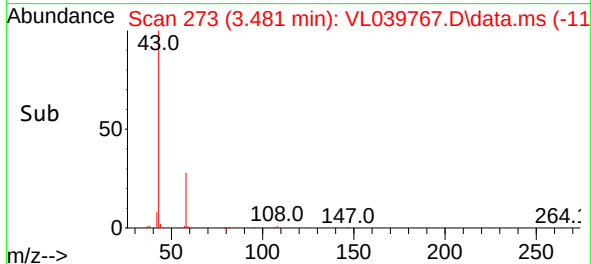
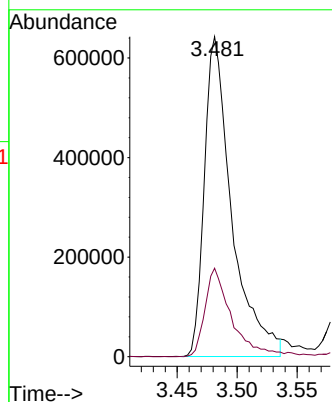
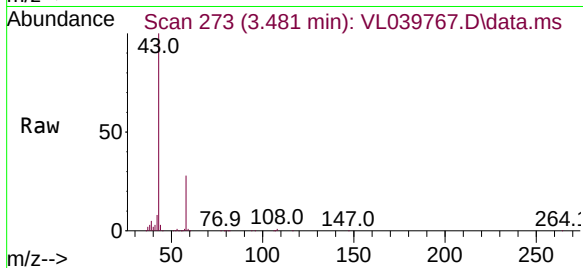
#15
Acetone
Concen: 9.088 ppbv
RT: 3.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
ICVVL102422

Tgt Ion: 43 Resp: 1021690
Ion Ratio Lower Upper
43 100
58 27.4 20.7 31.1

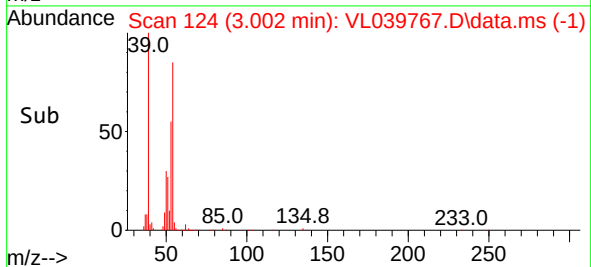
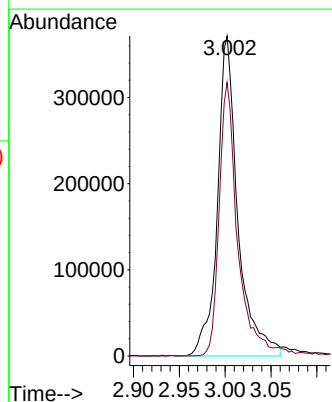
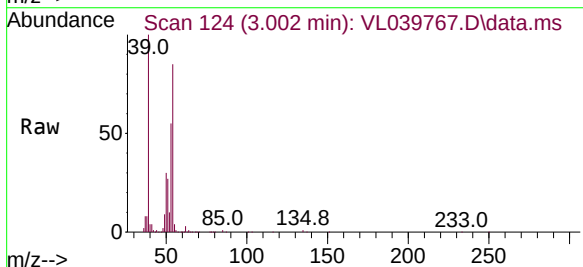
Manual Integrations
APPROVED

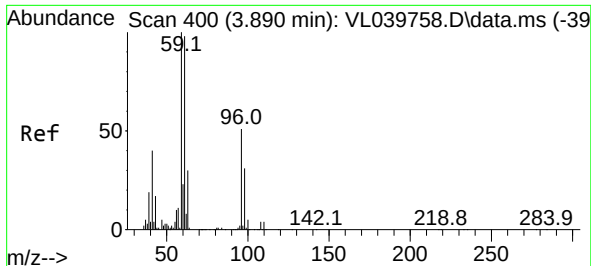
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
1,3-Butadiene
Concen: 10.397 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

Tgt Ion: 39 Resp: 577732
Ion Ratio Lower Upper
39 100
54 78.7 64.6 97.0





#17

tert-Butyl alcohol

Concen: 10.165 ppbv

RT: 3.890 min Scan# 400

Delta R.T. -0.000 min

Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102422

Tgt Ion: 59 Resp: 932070

Ion Ratio Lower Upper

59 100

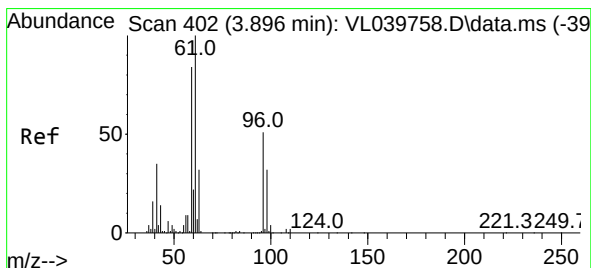
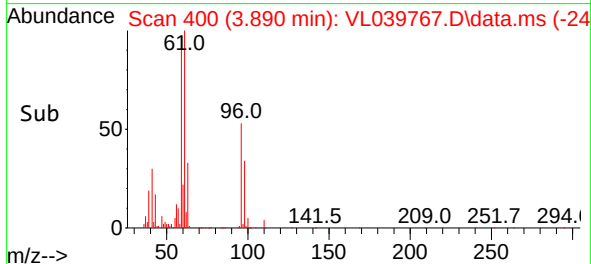
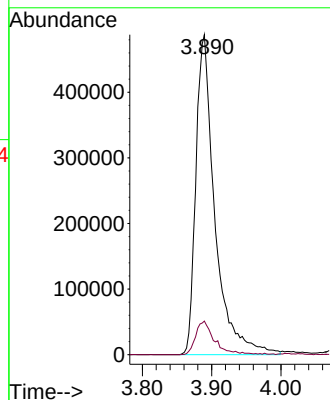
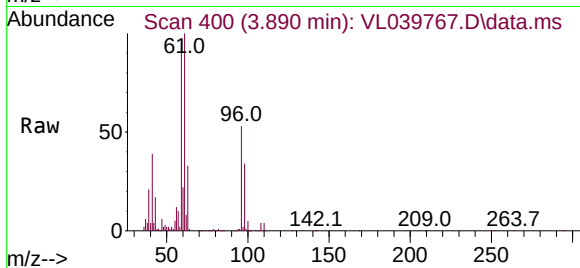
57 10.4 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

1,1-Dichloroethene

Concen: 10.149 ppbv

RT: 3.893 min Scan# 401

Delta R.T. -0.003 min

Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

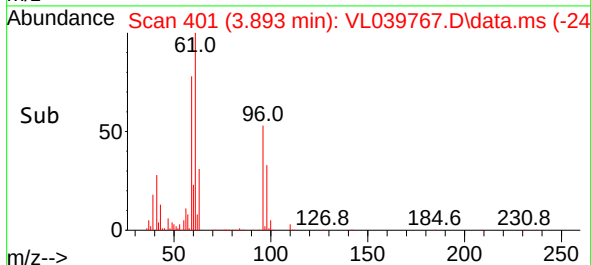
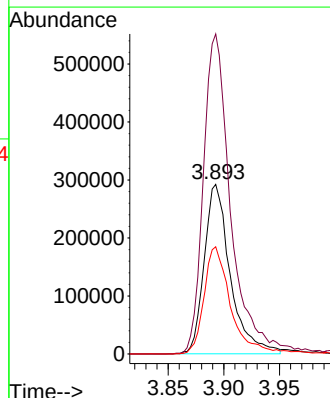
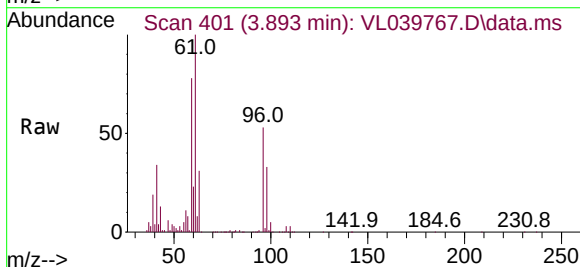
Tgt Ion: 96 Resp: 476903

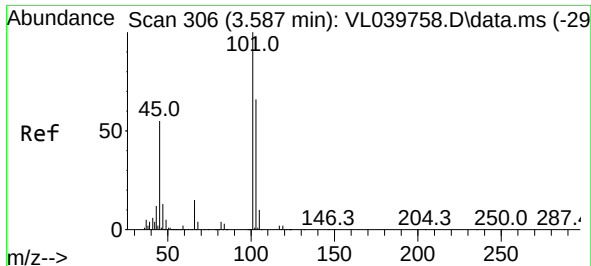
Ion Ratio Lower Upper

96 100

61 188.3 157.6 236.4

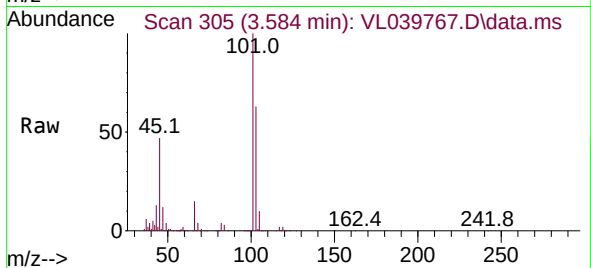
98 63.0 49.9 74.9





#19
Isopropyl Alcohol
Concen: 10.651 ppbv
RT: 3.584 min Scan# 306
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

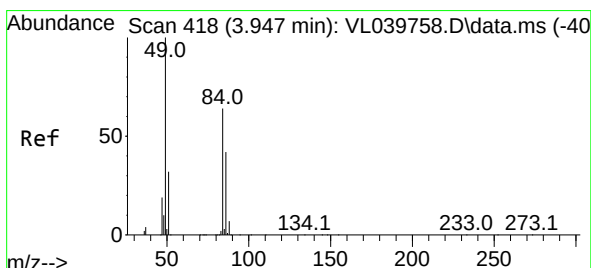
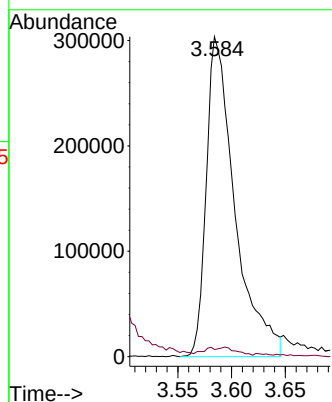
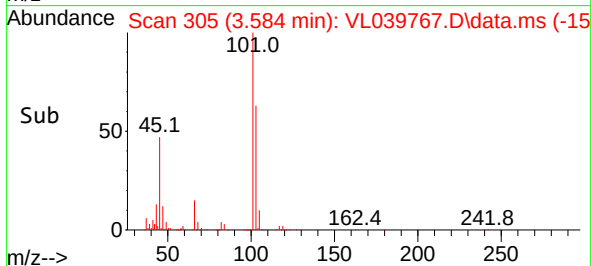
Instrument : MSVOA_L
ClientSampleId : ICVVL102422



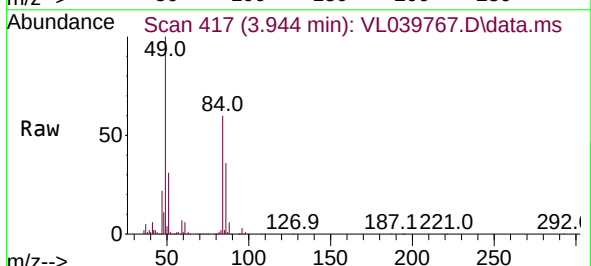
Tgt Ion: 45 Resp: 561035
Ion Ratio Lower Upper
45 100
58 4.2 2.8 4.2

Manual Integrations
APPROVED

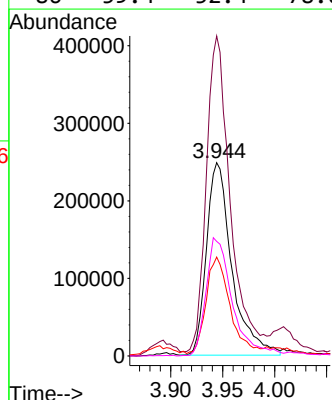
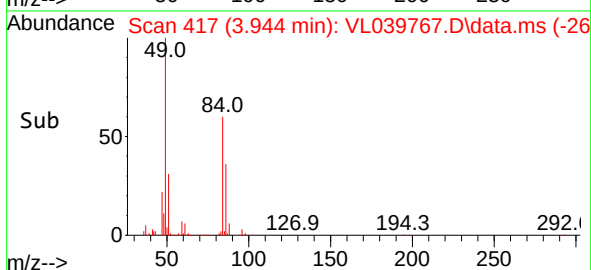
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

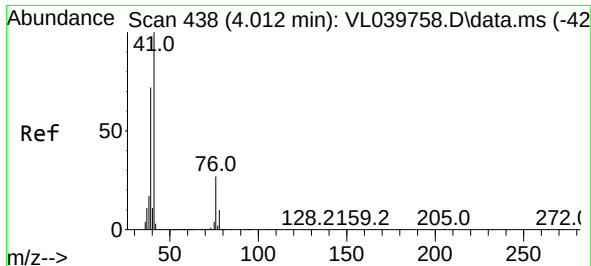


#20
Methylene Chloride
Concen: 9.903 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



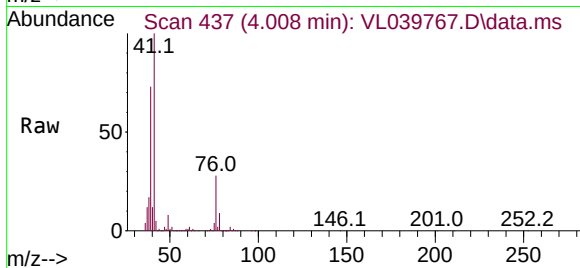
Tgt Ion: 84 Resp: 423567
Ion Ratio Lower Upper
84 100
49 163.9 126.0 189.0
51 49.7 40.9 61.3
86 59.4 52.4 78.6





#21
 Allyl Chloride
 Concen: 10.069 ppbv
 RT: 4.008 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19

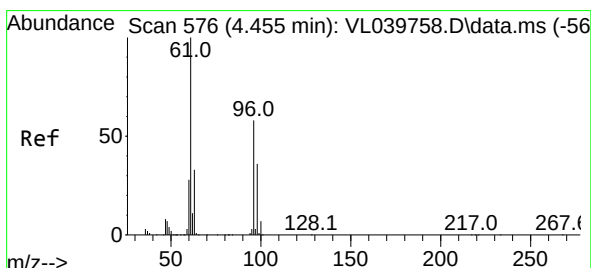
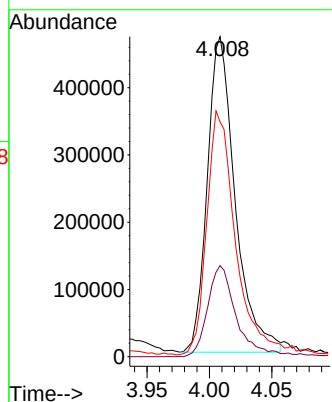
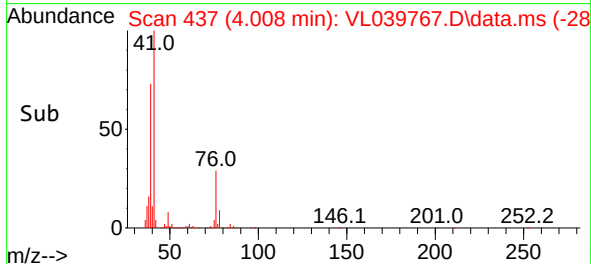
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102422



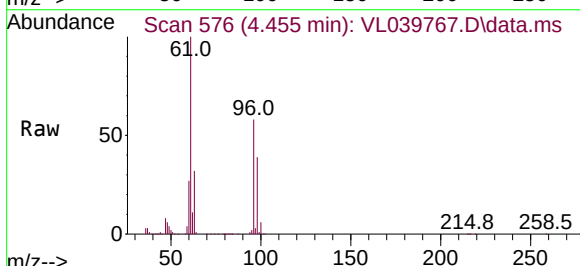
Tgt Ion: 41 Resp: 732679
 Ion Ratio Lower Upper
 41 100
 76 30.0 23.5 35.3
 39 82.8 64.9 97.3

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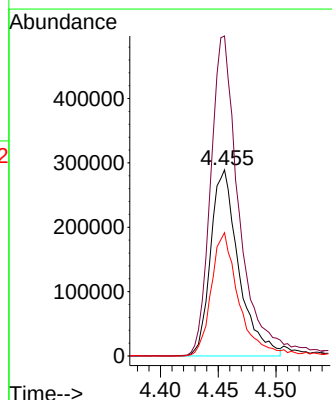
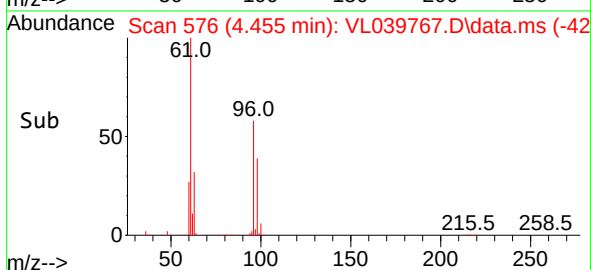
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

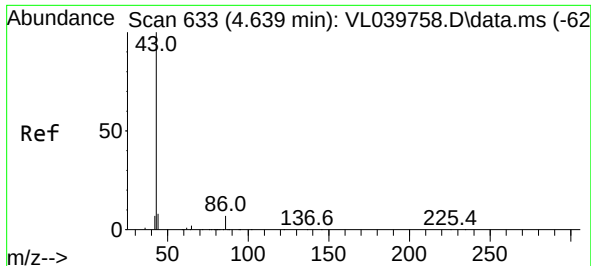


#22
 trans-1,2-Dichloroethene
 Concen: 10.033 ppbv
 RT: 4.455 min Scan# 576
 Delta R.T. -0.000 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19



Tgt Ion: 96 Resp: 489734
 Ion Ratio Lower Upper
 96 100
 61 171.8 137.1 205.7
 98 66.3 49.8 74.6





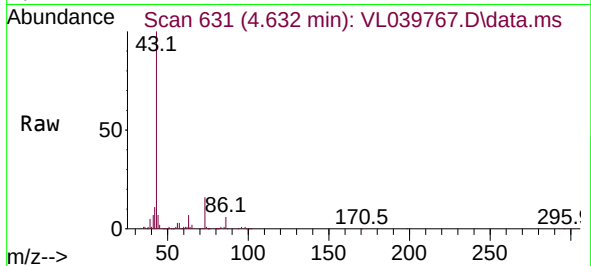
#23
 Vinyl Acetate
 Concen: 9.167 ppbv
 RT: 4.632 min Scan# 612
 Delta R.T. -0.006 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102422

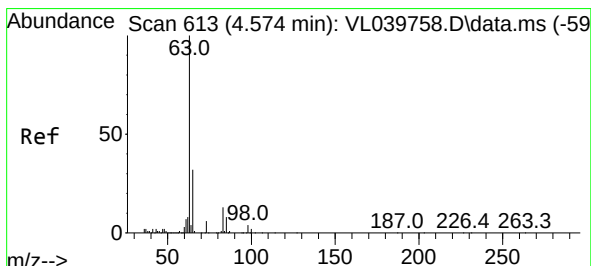
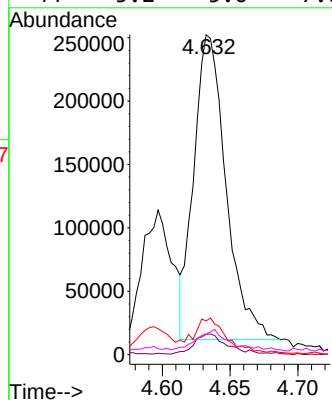
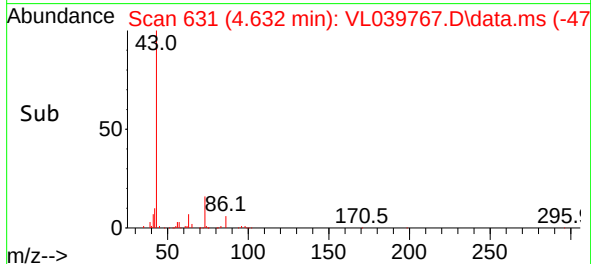


Tgt Ion: 43 Resp: 397279
 Ion Ratio Lower Upper
 43 100
 86 6.4 4.9 7.3
 42 10.3 7.2 10.8
 44 5.2 5.0 7.6

Manual Integrations

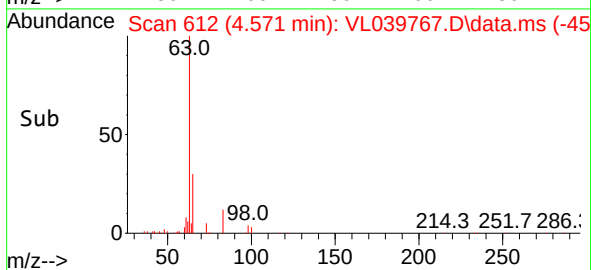
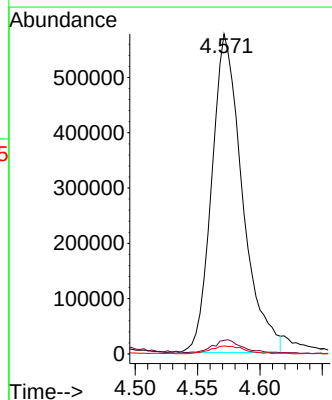
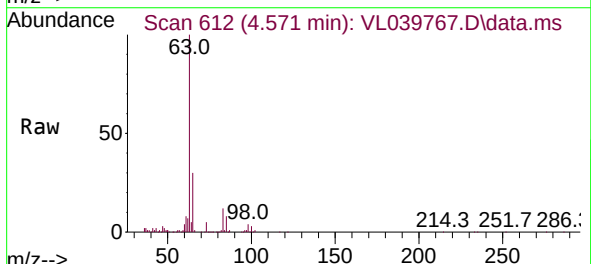
APPROVED

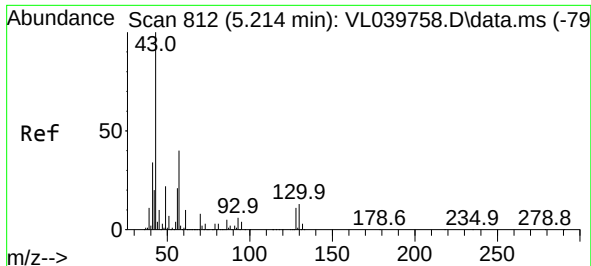
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 9.758 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. -0.003 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19

Tgt Ion: 63 Resp: 984813
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.3
 100 2.4 1.1 3.5





#25

Ethyl Acetate

Concen: 10.510 ppbv

RT: 5.208 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102422

Tgt Ion: 43 Resp: 2309910

Ion Ratio Lower Upper

43 100

45 10.4 8.2 12.2

61 9.9 8.2 12.4

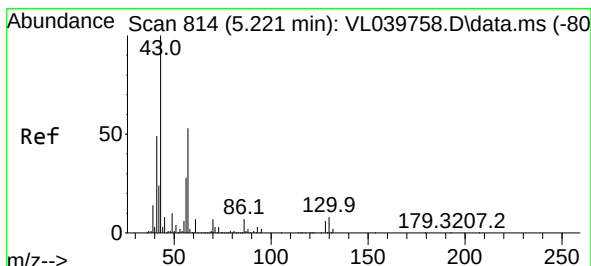
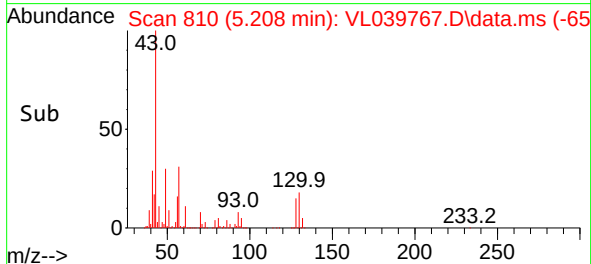
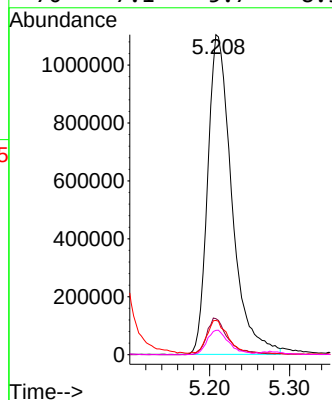
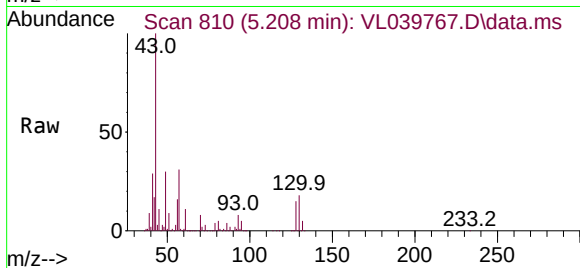
70 7.1 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#26

Hexane

Concen: 10.397 ppbv

RT: 5.217 min Scan# 813

Delta R.T. -0.003 min

Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

Tgt Ion: 57 Resp: 950255

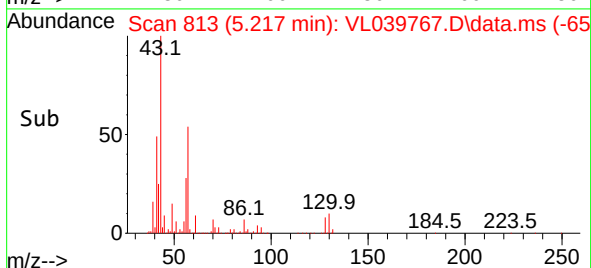
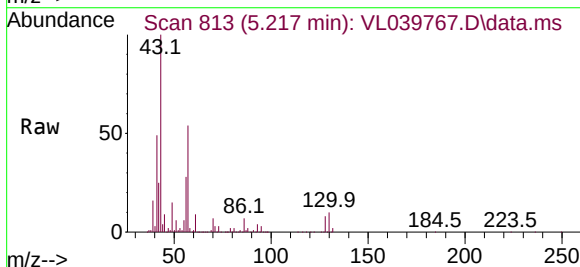
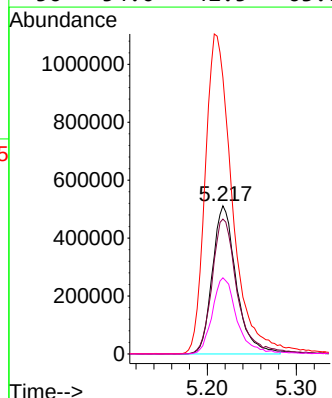
Ion Ratio Lower Upper

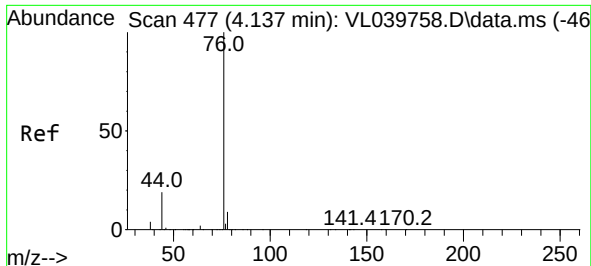
57 100

41 97.6 76.1 114.1

43 248.1 197.1 295.7

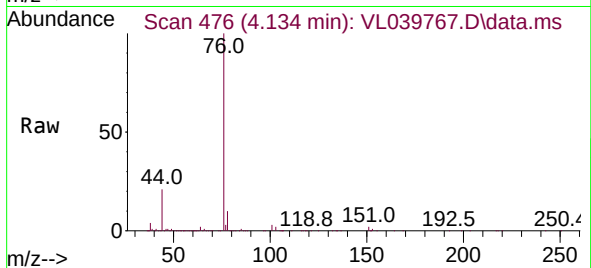
56 54.0 42.5 63.7





#27
Carbon Disulfide
Concen: 10.876 ppbv
RT: 4.134 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

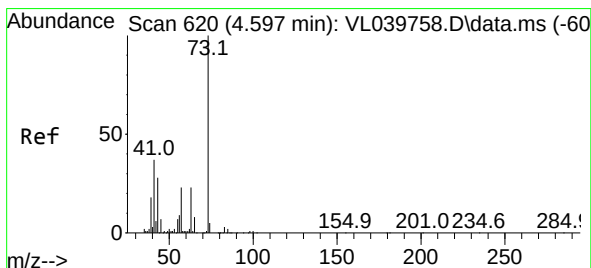
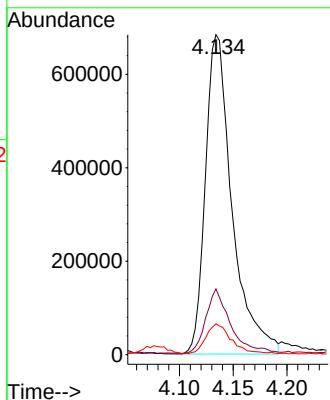
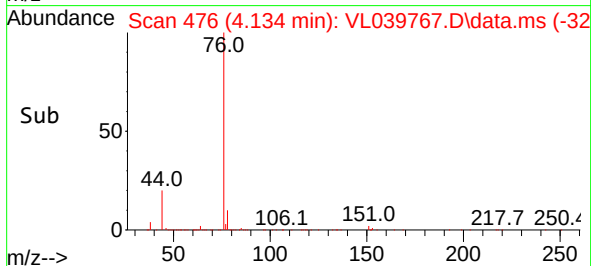
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102422



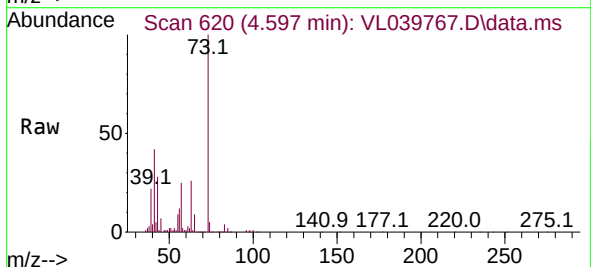
Tgt Ion: 76 Resp: 1179972
Ion Ratio Lower Upper
76 100
44 19.6 16.6 25.0
78 10.3 7.6 11.4

Manual Integrations
APPROVED

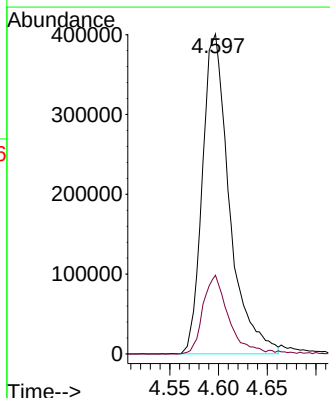
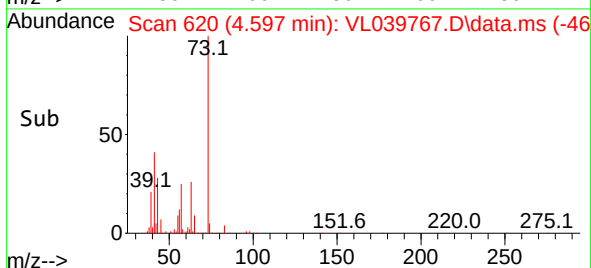
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

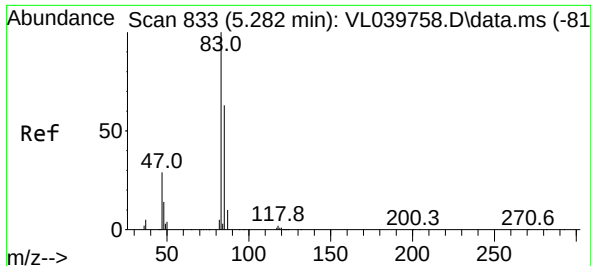


#28
Methyl tert-Butyl Ether
Concen: 9.703 ppbv
RT: 4.597 min Scan# 620
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



Tgt Ion: 73 Resp: 771519
Ion Ratio Lower Upper
73 100
57 24.2 19.1 28.7





#29

Chloroform

Concen: 10.034 ppbv

RT: 5.279 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102422

Tgt Ion: 83 Resp: 1441628

Ion Ratio Lower Upper

83 100

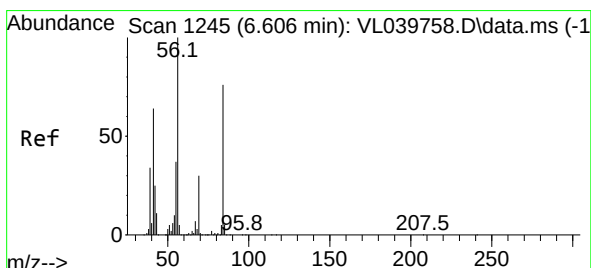
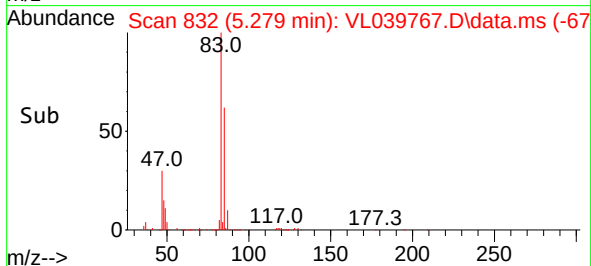
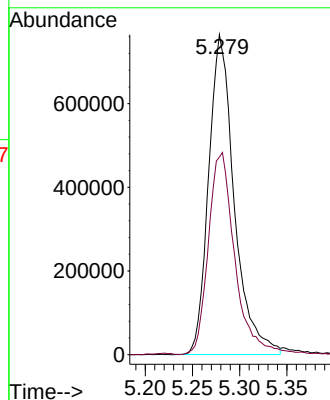
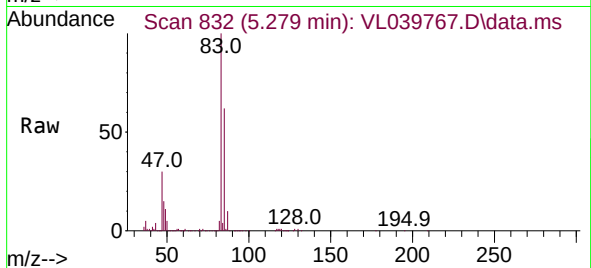
85 61.6 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Cyclohexane

Concen: 10.447 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

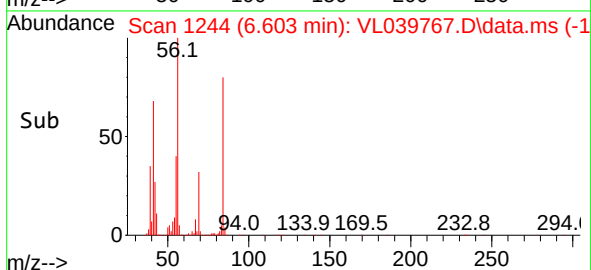
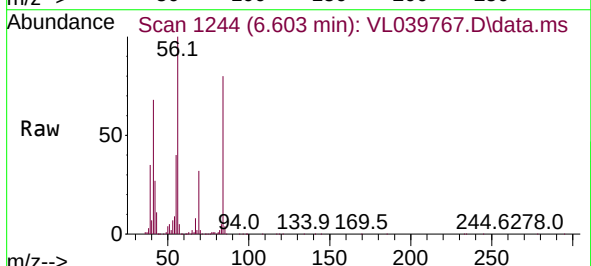
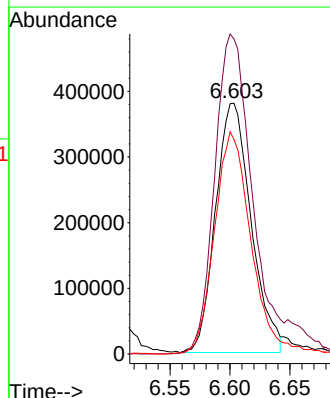
Tgt Ion: 84 Resp: 782350

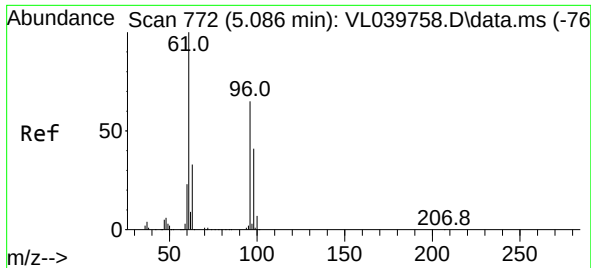
Ion Ratio Lower Upper

84 100

56 143.5 111.8 167.6

41 92.2 71.5 107.3





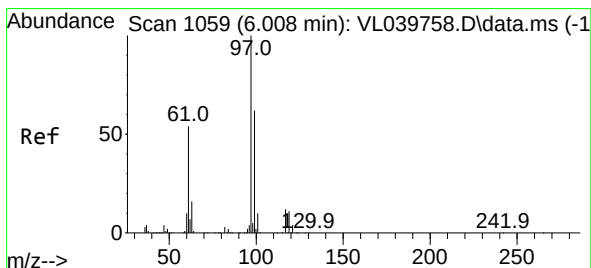
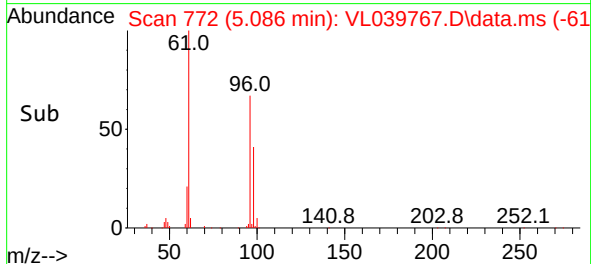
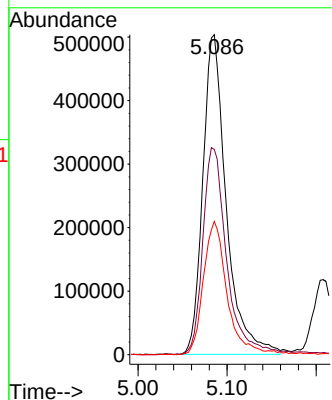
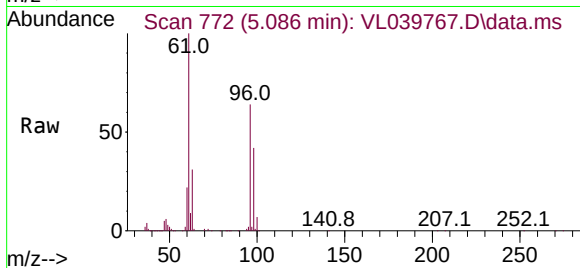
#31
 cis-1,2-Dichloroethene
 Concen: 10.414 ppbv
 RT: 5.086 min Scan# 772
 Delta R.T. -0.000 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102422

Tgt Ion: 61 Resp: 918702
 Ion Ratio Lower Upper
 61 100
 96 64.1 52.2 78.2
 98 41.6 32.9 49.3

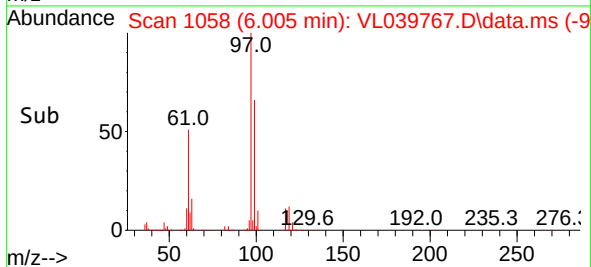
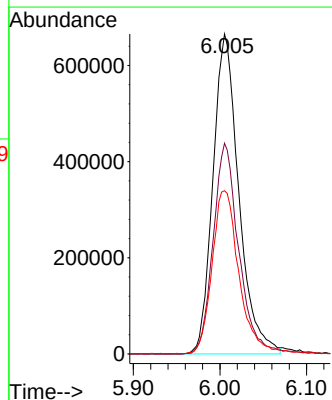
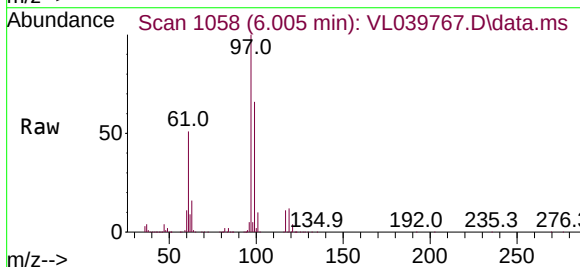
Manual Integrations
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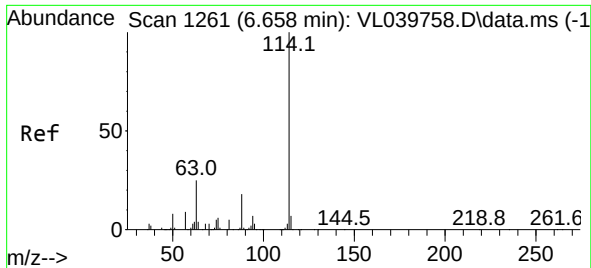
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.582 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19

Tgt Ion: 97 Resp: 1379921
 Ion Ratio Lower Upper
 97 100
 99 65.6 52.2 78.4
 61 54.0 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: VL039767.D

Acq: 24 Oct 2022 20:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102422

Tgt Ion:114 Resp: 2470989

Ion Ratio Lower Upper

114 100

63 25.0 20.1 30.1

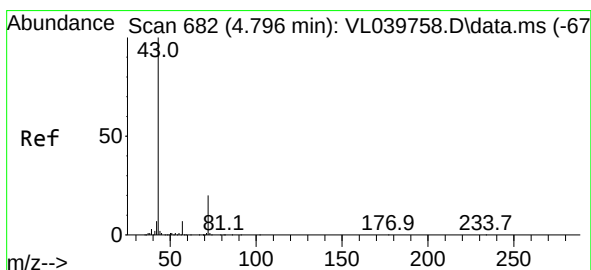
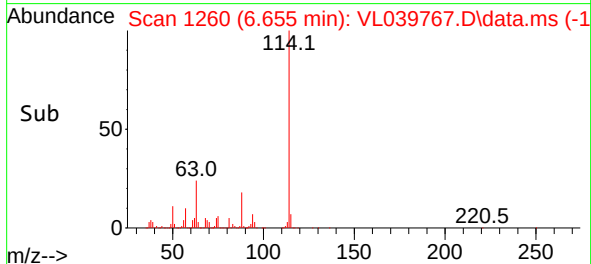
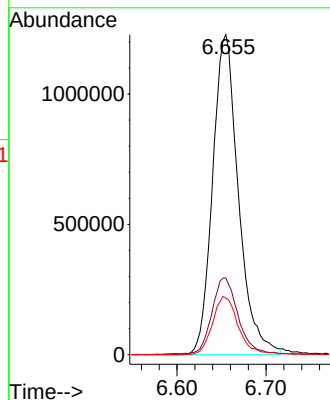
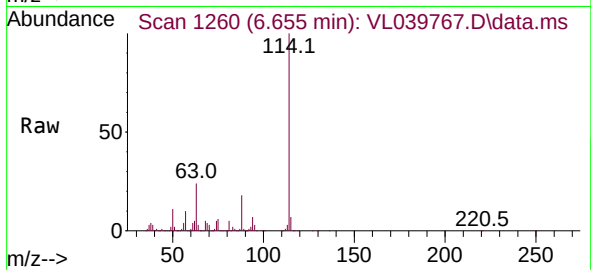
88 18.3 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

2-Butanone

Concen: 10.255 ppbv

RT: 4.793 min Scan# 681

Delta R.T. -0.003 min

Lab File: VL039767.D

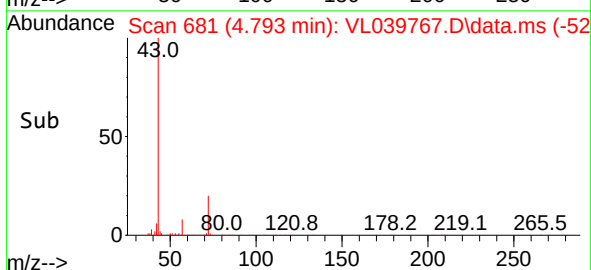
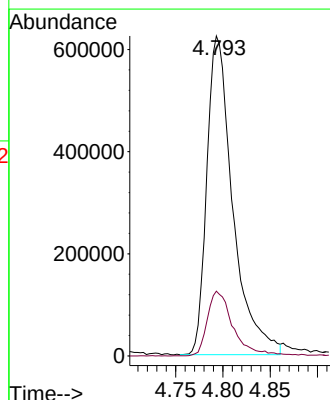
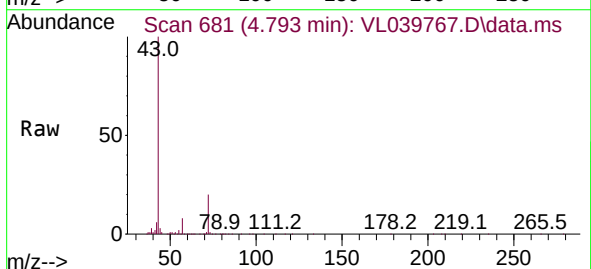
Acq: 24 Oct 2022 20:19

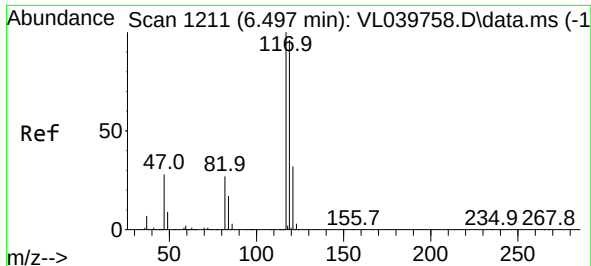
Tgt Ion: 43 Resp: 1192104

Ion Ratio Lower Upper

43 100

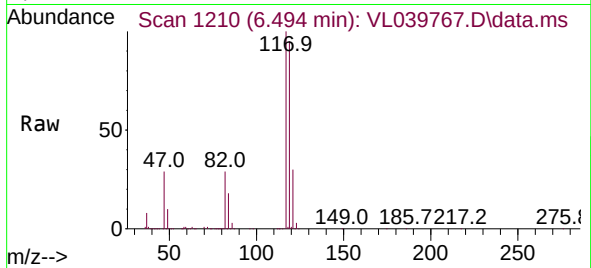
72 20.7 16.5 24.7





#35
Carbon Tetrachloride
Concen: 10.768 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

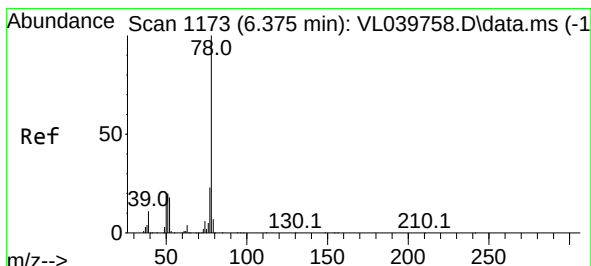
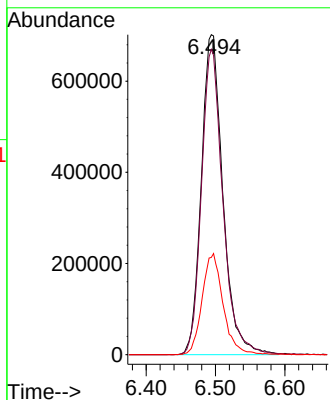
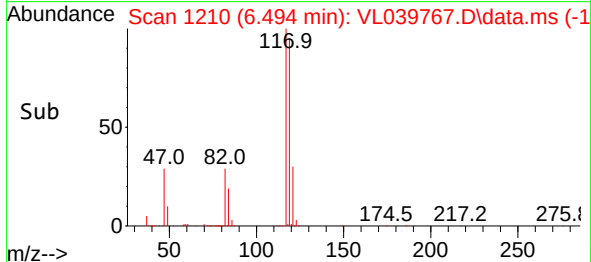
Instrument : MSVOA_L
ClientSampleId : ICVVL102422



Tgt Ion: 117 Resp: 1517029
Ion Ratio Lower Upper
117 100
119 95.4 76.6 115.0
121 30.4 25.3 37.9

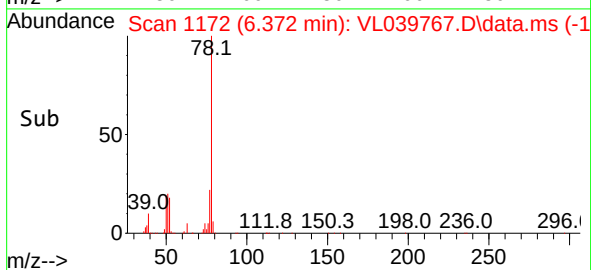
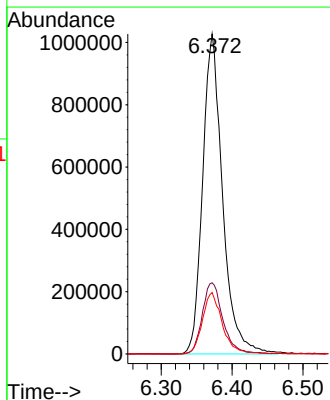
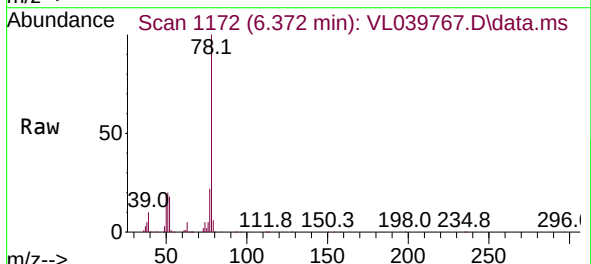
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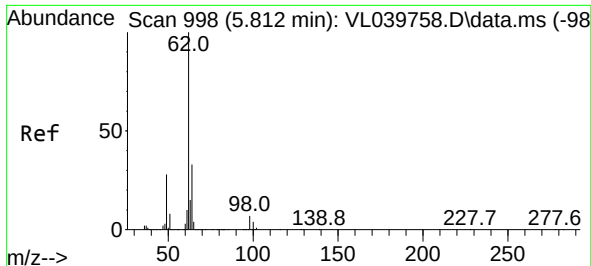
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
Benzene
Concen: 10.535 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

Tgt Ion: 78 Resp: 2004753
Ion Ratio Lower Upper
78 100
77 22.2 18.3 27.5
50 19.1 15.2 22.8





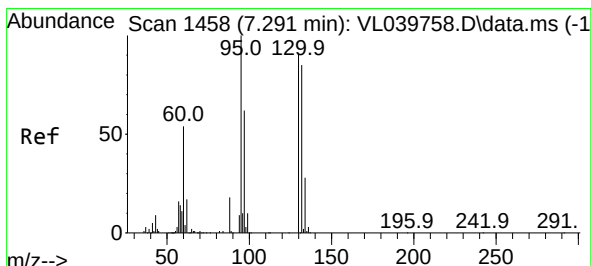
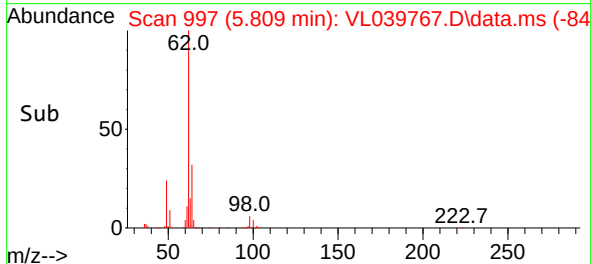
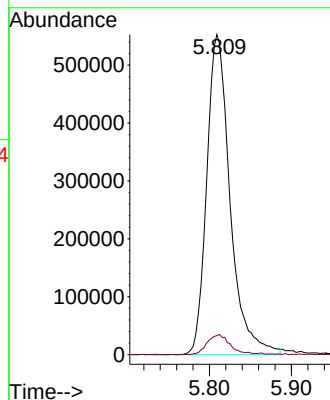
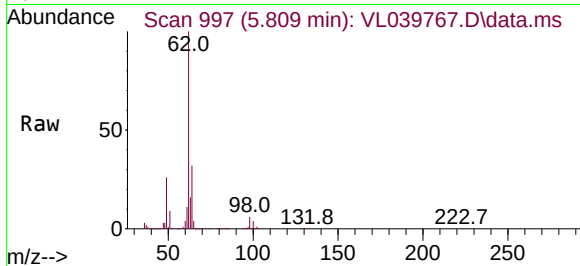
#37
1,2-Dichloroethane
Concen: 10.605 ppbv
RT: 5.809 min Scan# 998
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
ICVVL102422

Tgt Ion: 62 Resp: 109599
Ion Ratio Lower Upper
62 100
98 6.5 5.2 7.8

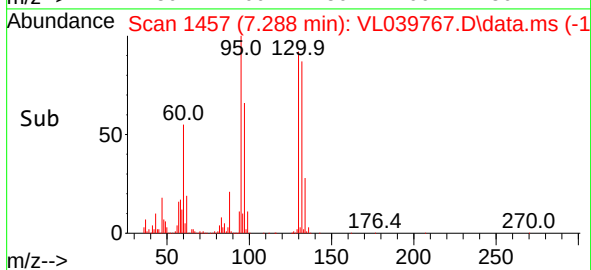
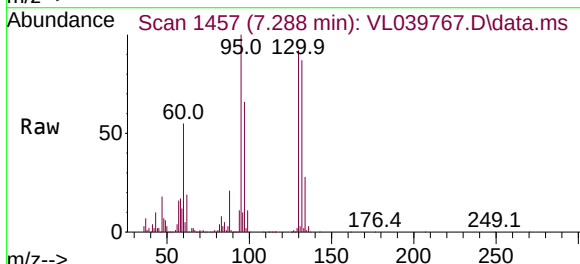
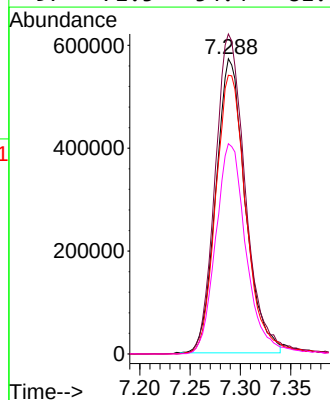
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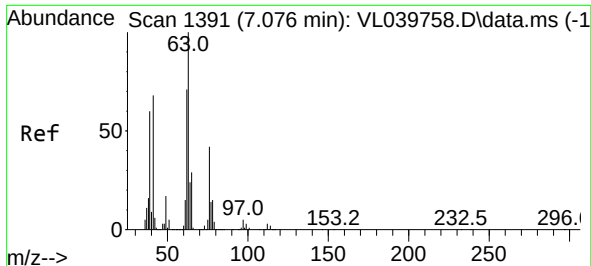
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Trichloroethene
Concen: 10.844 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

Tgt Ion:130 Resp: 1164977
Ion Ratio Lower Upper
130 100
95 108.7 88.1 132.1
132 94.6 75.2 112.8
97 71.5 54.4 81.6





#39

1,2-Dichloropropane

Concen: 10.225 ppbv

RT: 7.073 min Scan# 1391

Delta R.T. -0.003 min

Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102422

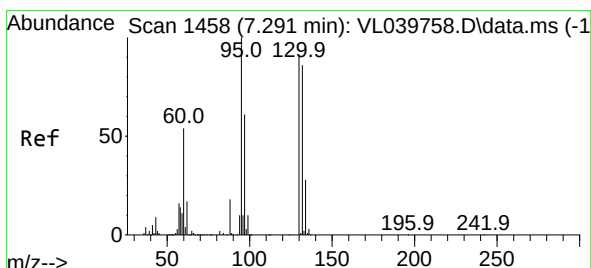
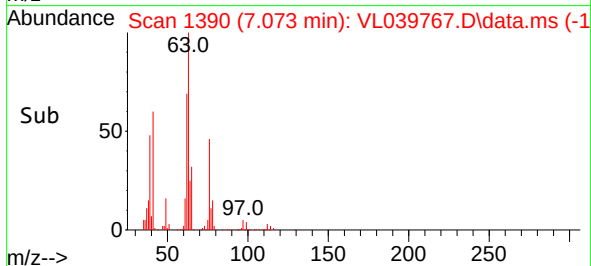
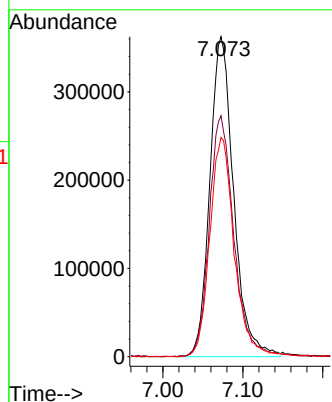
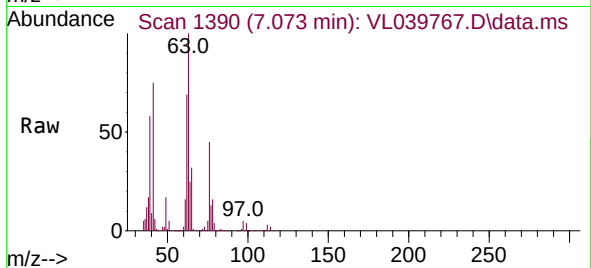
Tgt Ion: 63 Resp: 74958

Ion	Ratio	Lower	Upper
63	100		
41	75.0	54.5	81.7
62	68.5	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: 12.547 ppbv

RT: 7.285 min Scan# 1456

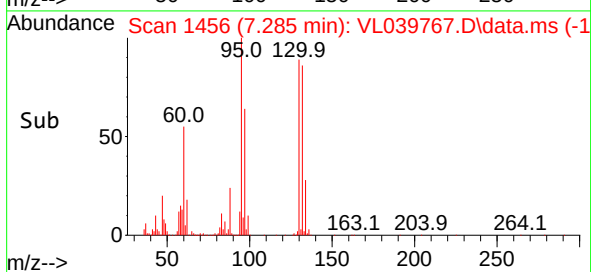
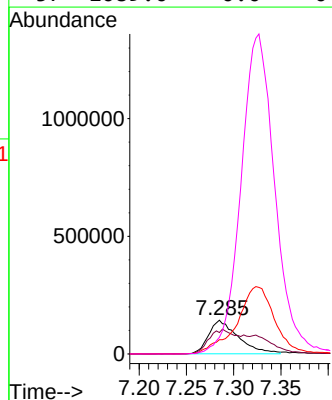
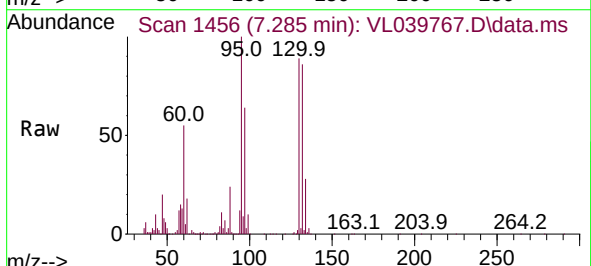
Delta R.T. -0.006 min

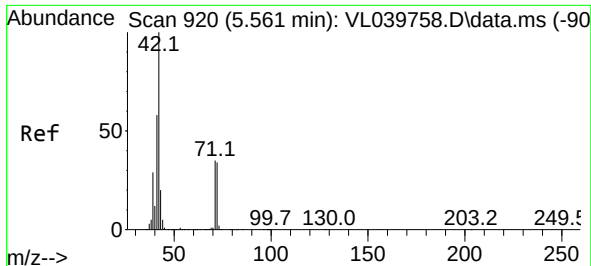
Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

Tgt Ion: 88 Resp: 313548

Ion	Ratio	Lower	Upper
88	100		
58	124.0	0.0	0.0#
43	254.5	0.0	0.0#
57	1089.0	0.0	0.0#





#41

Tetrahydrofuran

Concen: 11.111 ppbv

RT: 5.561 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102422

Tgt Ion: 42 Resp: 802530

Ion Ratio Lower Upper

42 100

72 37.1 29.9 44.9

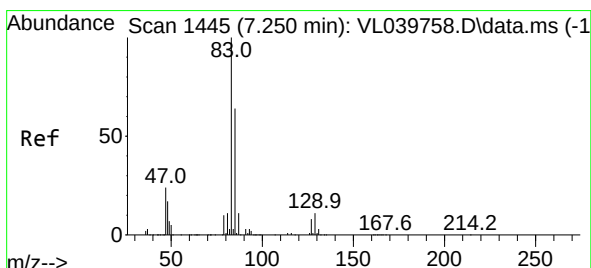
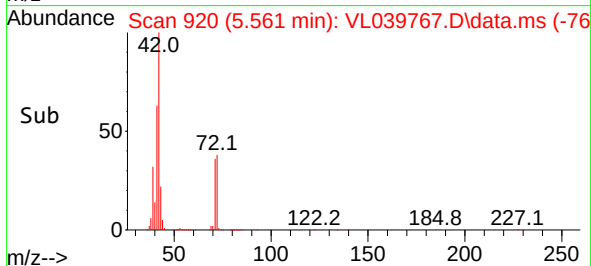
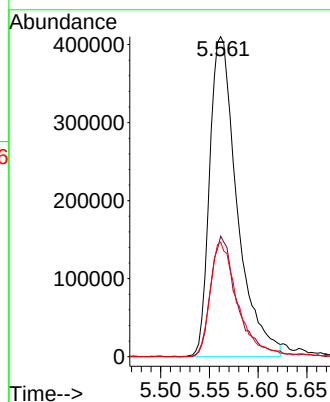
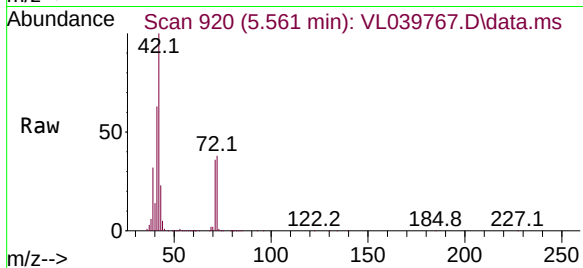
71 36.8 29.2 43.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#42

Bromodichloromethane

Concen: 10.829 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.003 min

Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

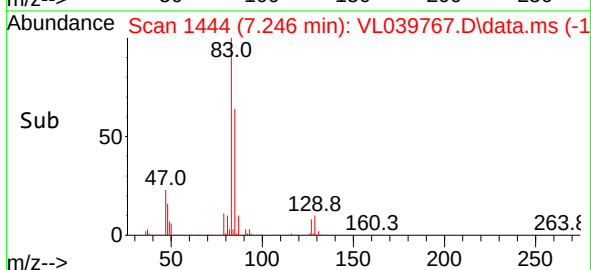
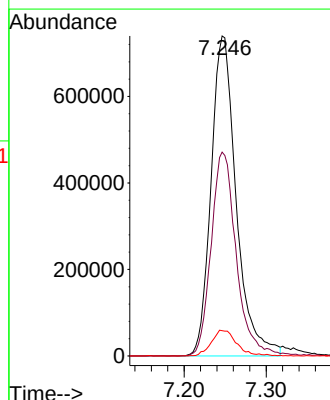
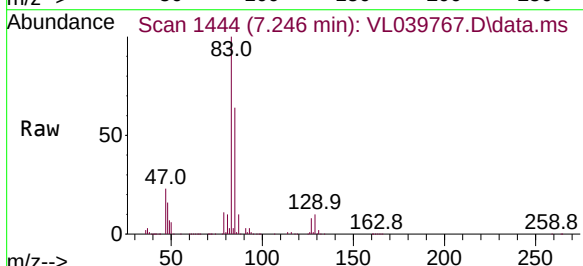
Tgt Ion: 83 Resp: 1576097

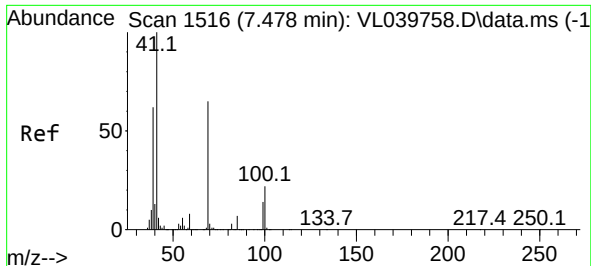
Ion Ratio Lower Upper

83 100

85 63.7 51.5 77.3

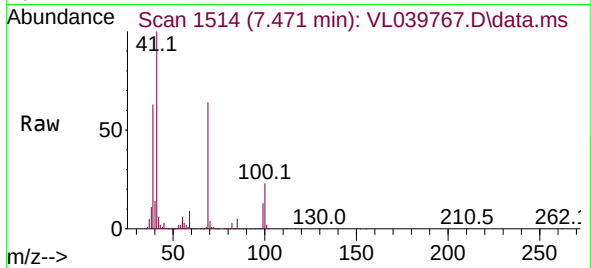
127 7.9 6.1 9.1





#43
Methyl Methacrylate
Concen: 11.704 ppbv
RT: 7.471 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

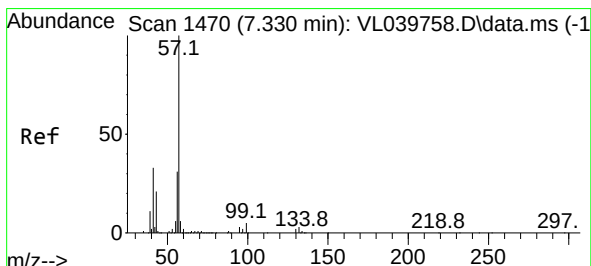
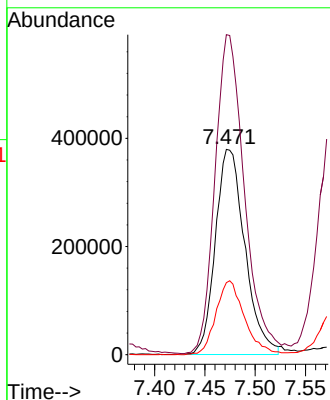
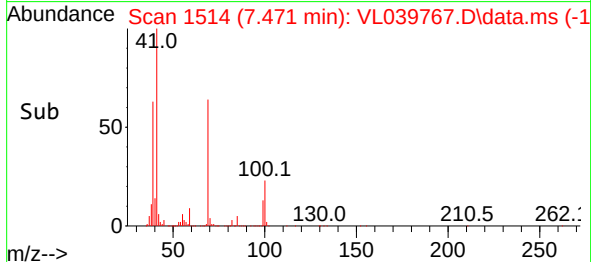
Instrument : MSVOA_L
ClientSampleId : ICVVL102422



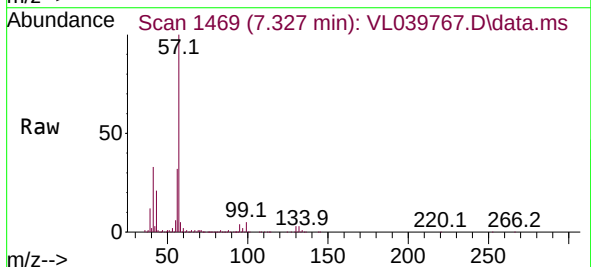
Tgt Ion: 69 Resp: 775580
Ion Ratio Lower Upper
69 100
41 156.3 121.8 182.6
100 34.9 27.3 40.9

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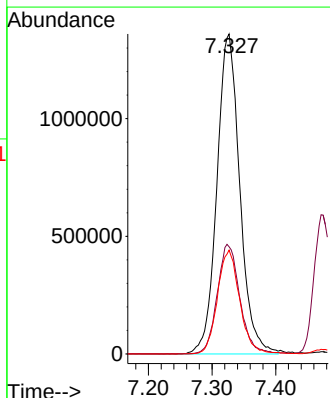
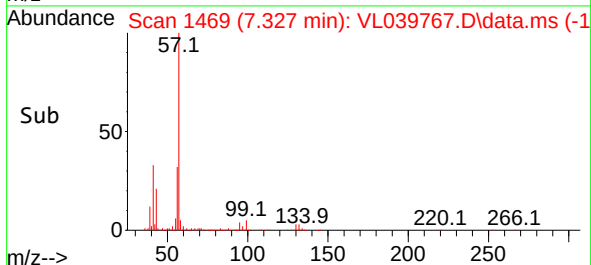
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

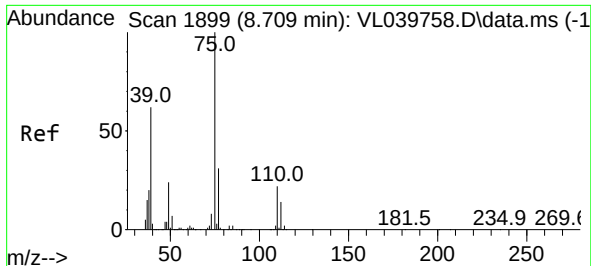


#44
2,2,4-Trimethylpentane
Concen: 10.680 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



Tgt Ion: 57 Resp: 3397675
Ion Ratio Lower Upper
57 100
41 33.8 26.6 40.0
56 31.7 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 12.466 ppbv

RT: 8.706 min Scan# 1899

Delta R.T. -0.003 min

Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102422

Tgt Ion: 75 Resp: 70183

Ion Ratio Lower Upper

75 100

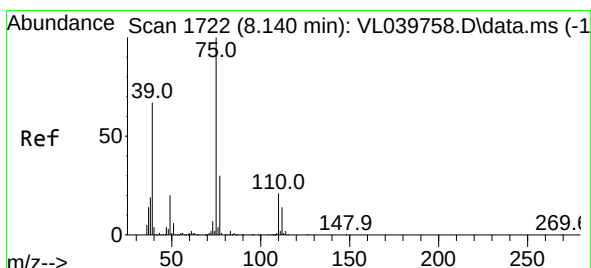
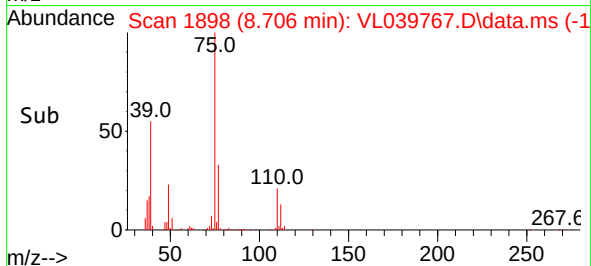
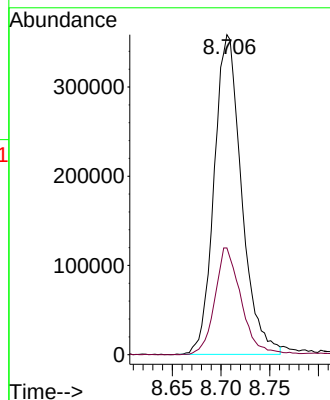
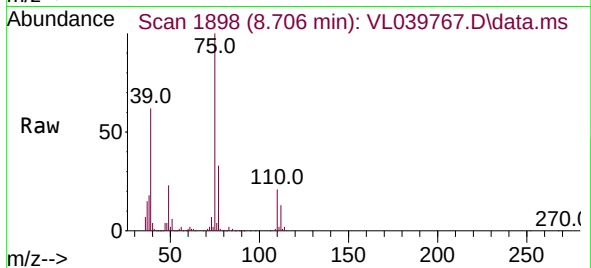
77 33.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

cis-1,3-Dichloropropene

Concen: 12.196 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. -0.000 min

Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

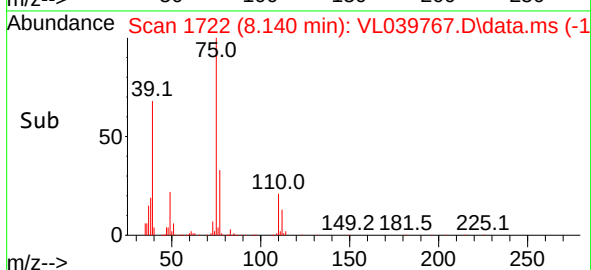
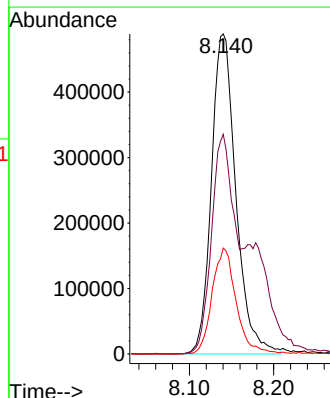
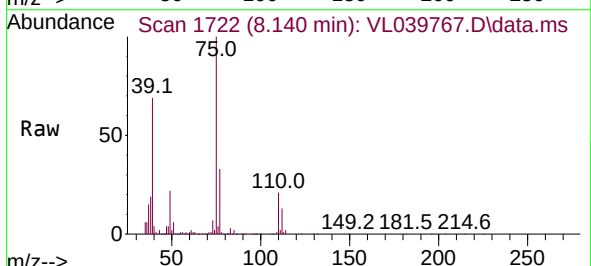
Tgt Ion: 75 Resp: 985295

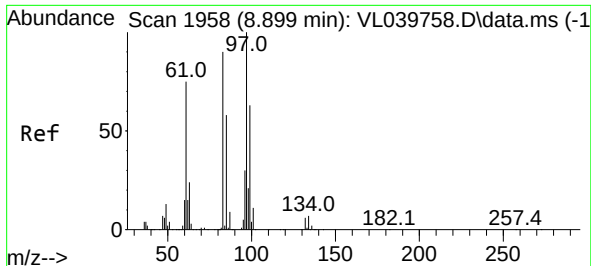
Ion Ratio Lower Upper

75 100

39 68.5 53.9 80.9

77 33.1 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 10.386 ppbv

RT: 8.896 min Scan# 1958

Delta R.T. -0.003 min

Lab File: VL039767.D

Acq: 24 Oct 2022 20:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102422

Tgt Ion: 97 Resp: 81521

Ion Ratio Lower Upper

97 100

83 85.8 71.6 107.4

85 56.0 46.2 69.4

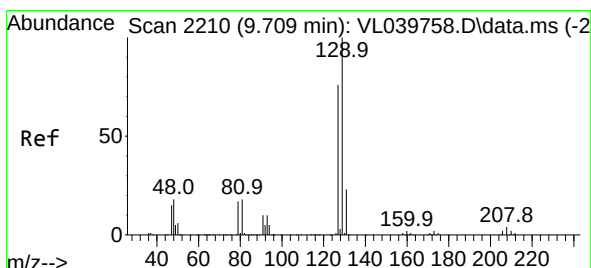
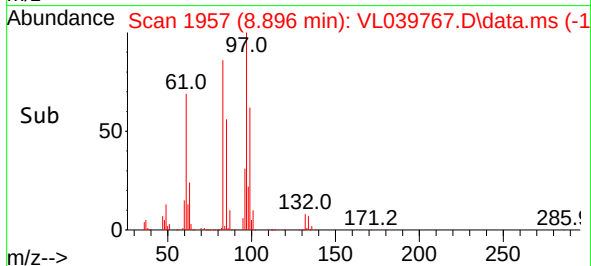
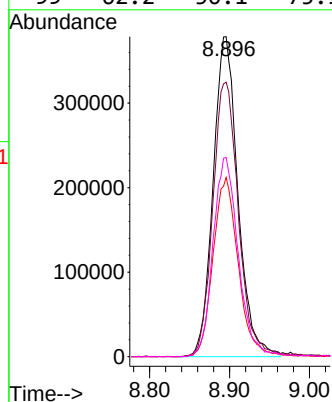
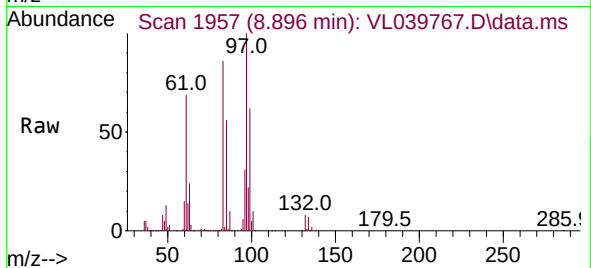
99 62.2 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#48

Dibromochloromethane

Concen: 10.770 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.006 min

Lab File: VL039767.D

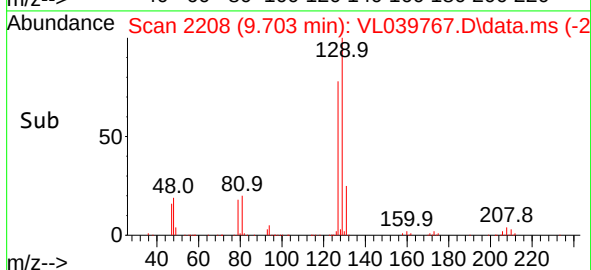
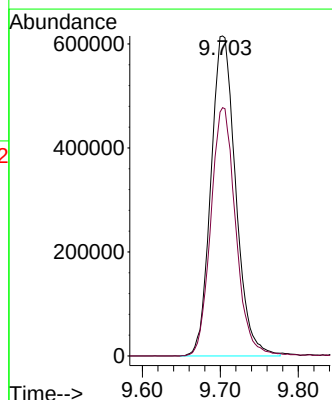
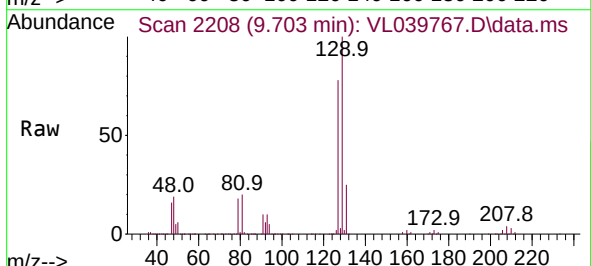
Acq: 24 Oct 2022 20:19

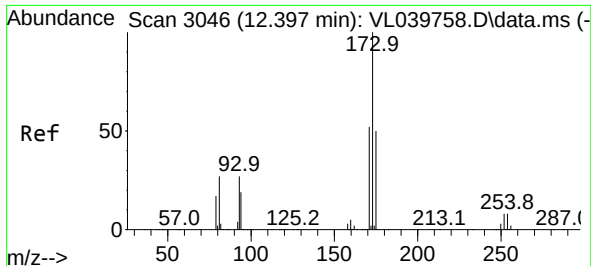
Tgt Ion:129 Resp: 1360936

Ion Ratio Lower Upper

129 100

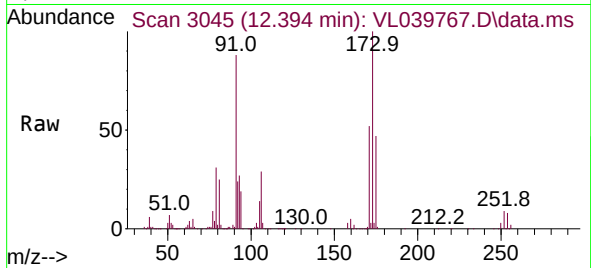
127 78.3 39.5 118.5





#49
Bromoform
Concen: 10.590 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

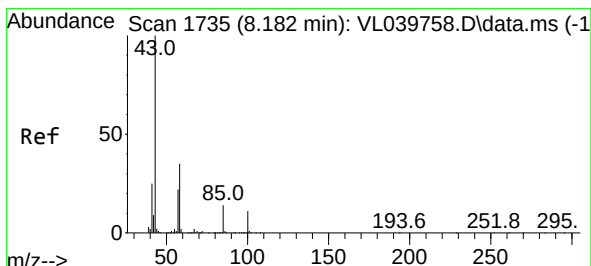
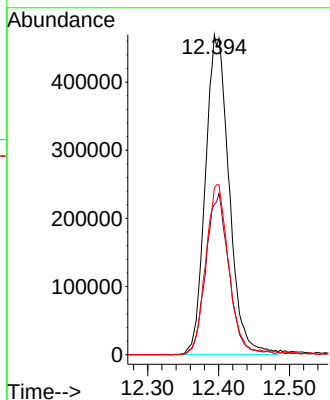
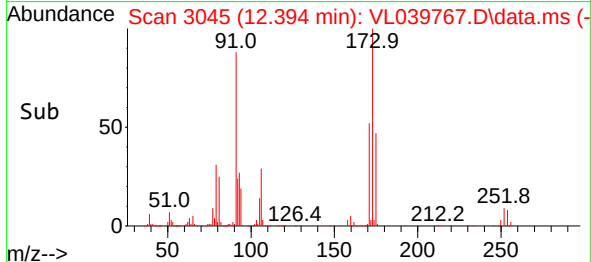
Instrument : MSVOA_L
ClientSampleId : ICVVL102422



Tgt Ion: 173 Resp: 108995
Ion Ratio Lower Upper
173 100
175 49.9 41.2 61.8
171 53.0 43.2 64.8

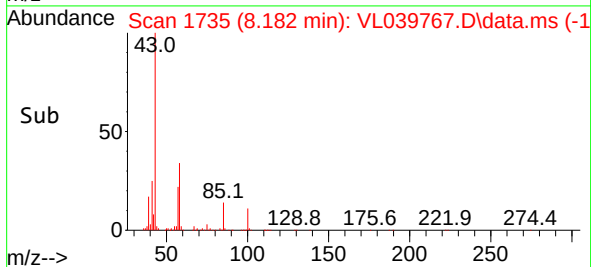
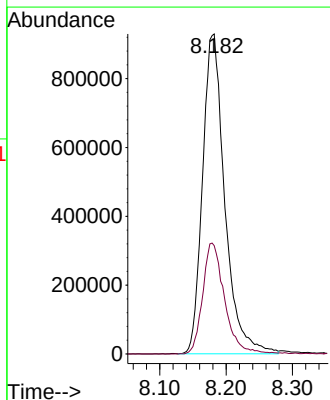
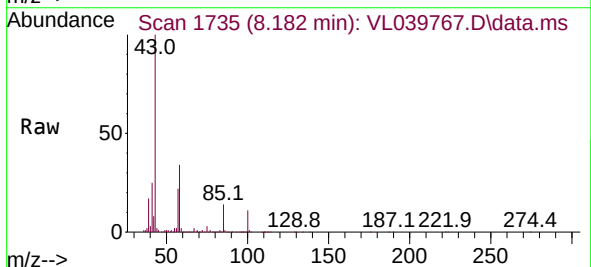
Manual Integrations
APPROVED

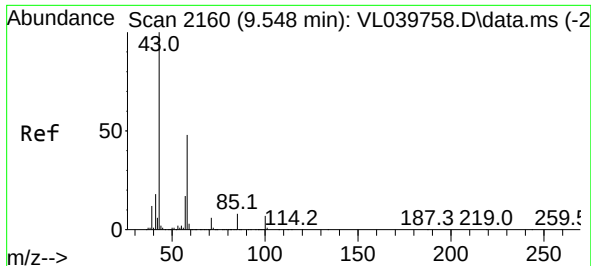
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#50
4-Methyl-2-Pentanone
Concen: 11.849 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

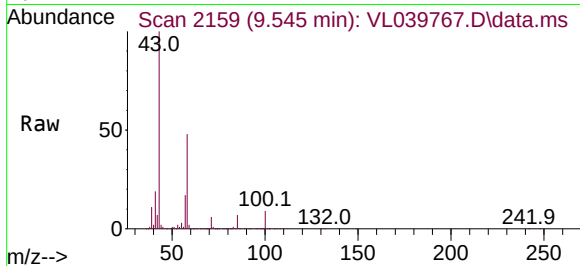
Tgt Ion: 43 Resp: 2161116
Ion Ratio Lower Upper
43 100
58 34.5 28.2 42.4





#51
2-Hexanone
Concen: 12.486 ppbv
RT: 9.545 min Scan# 2160
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

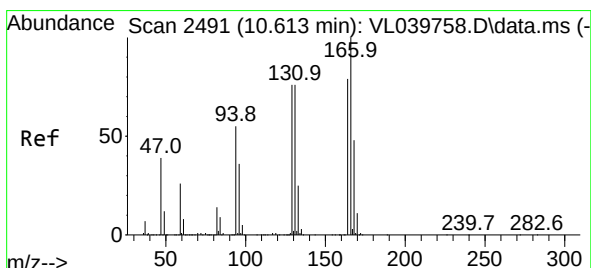
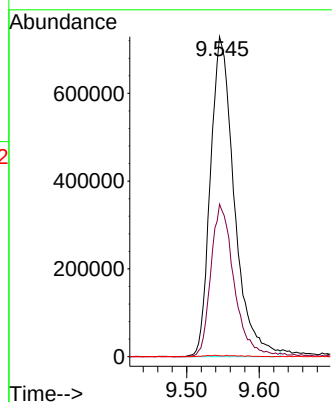
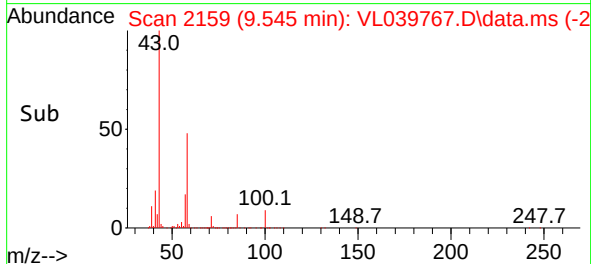
Instrument : MSVOA_L
ClientSampleId : ICVVL102422



Tgt Ion: 43 Resp: 166716
Ion Ratio Lower Upper
43 100
58 47.0 38.1 57.1
98 0.6 0.2 0.2

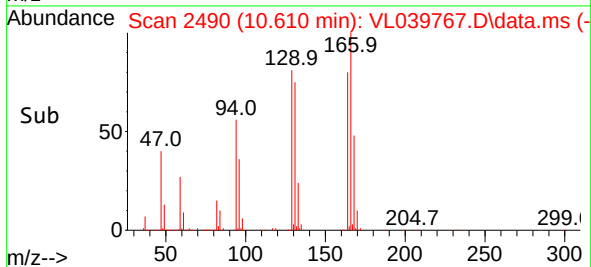
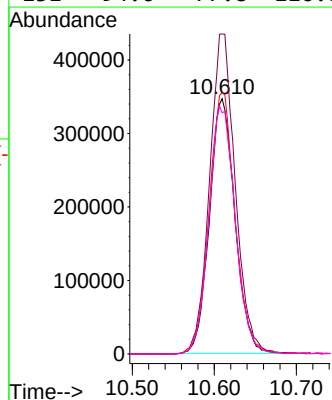
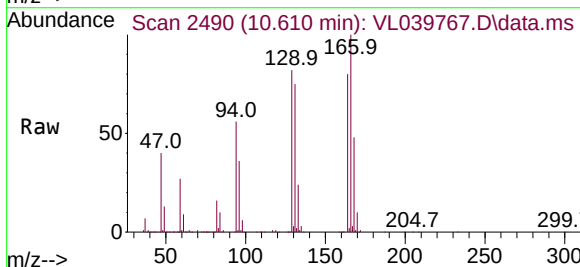
Manual Integrations
APPROVED

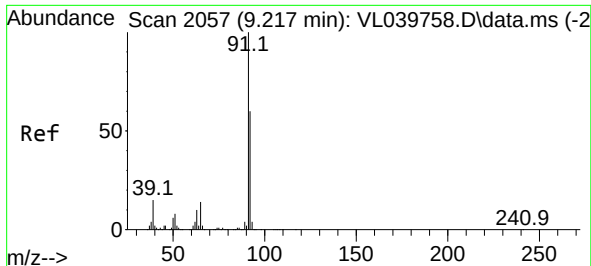
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Tetrachloroethene
Concen: 10.468 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

Tgt Ion:164 Resp: 746230
Ion Ratio Lower Upper
164 100
166 125.5 101.8 152.6
129 102.2 77.5 116.3
131 94.6 77.8 116.8





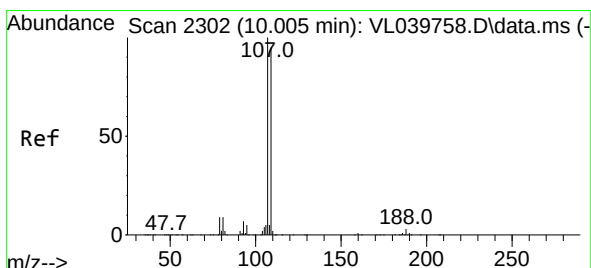
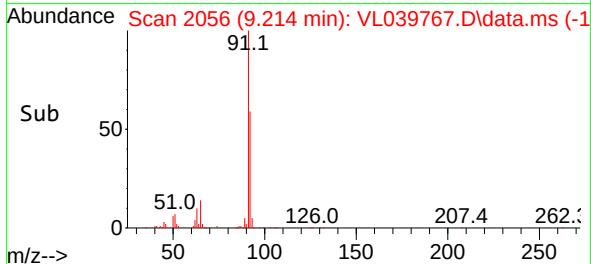
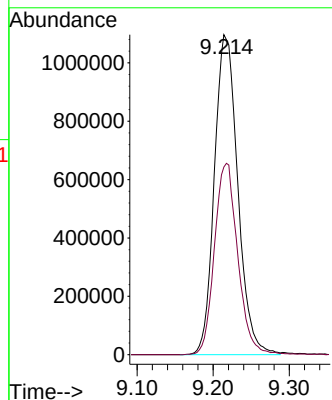
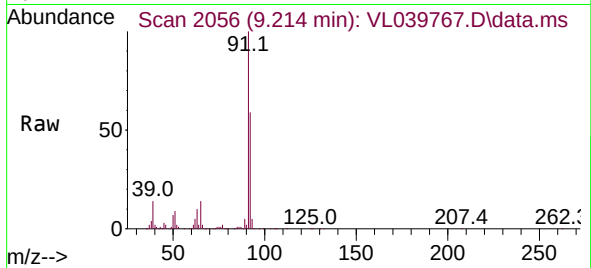
#53
Toluene
Concen: 11.756 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

Instrument : MSVOA_L
ClientSampleId : ICVVL102422

Tgt Ion: 91 Resp: 234389
Ion Ratio Lower Upper
91 100
92 59.5 48.0 72.0

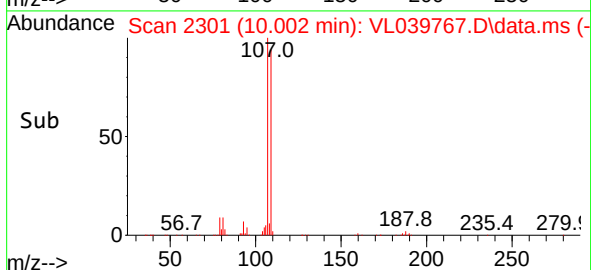
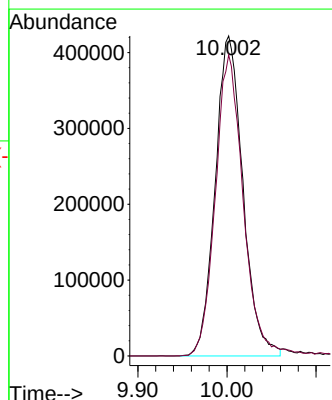
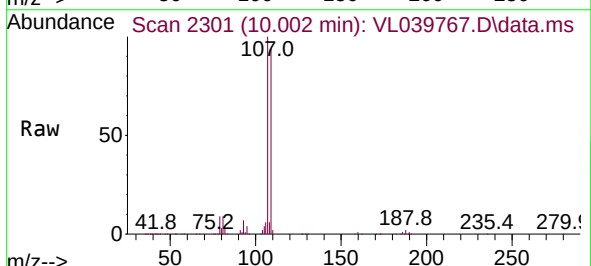
Manual Integrations
APPROVED

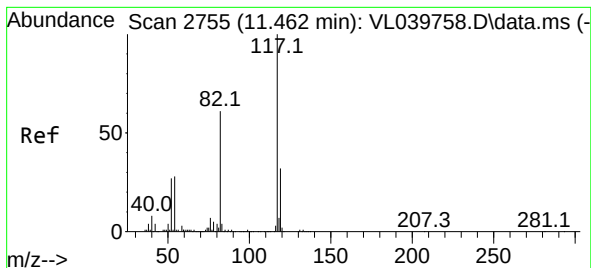
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
1,2-Dibromoethane
Concen: 11.439 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

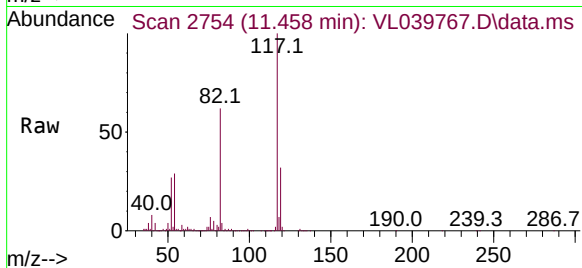
Tgt Ion:107 Resp: 911515
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.458 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

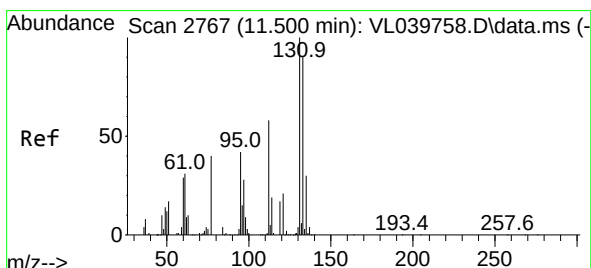
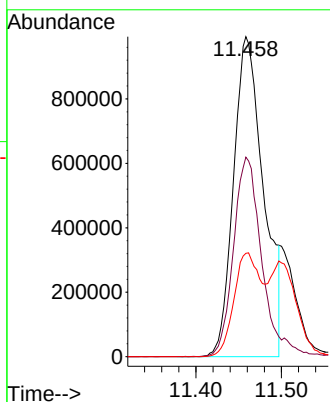
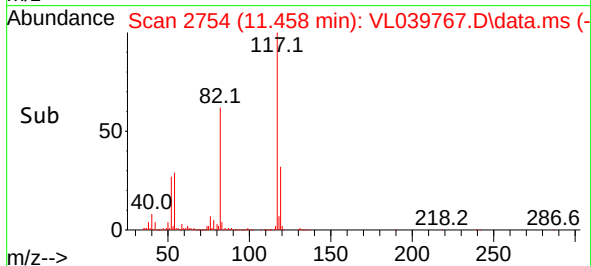
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102422



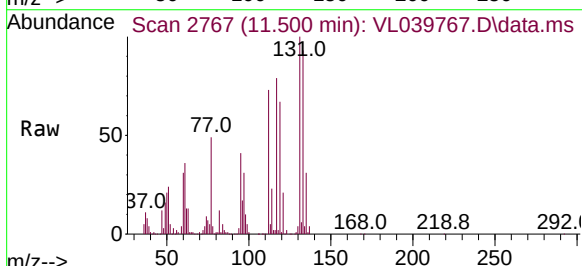
Tgt Ion:117 Resp: 2421640
Ion Ratio Lower Upper
117 100
82 59.6 49.9 74.9
119 27.3 25.2 37.8

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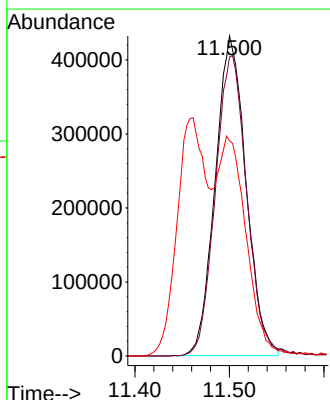
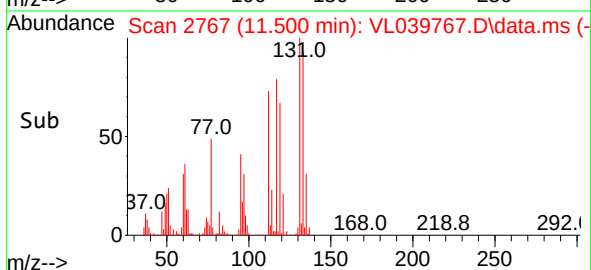
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

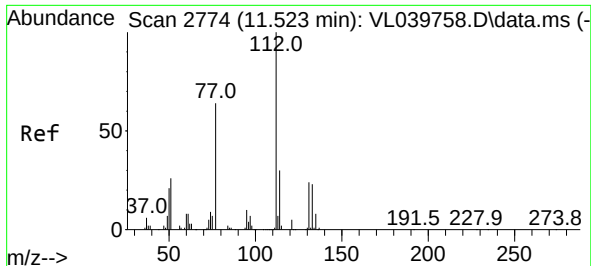


#56
1,1,1,2-Tetrachloroethane
Concen: 9.532 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



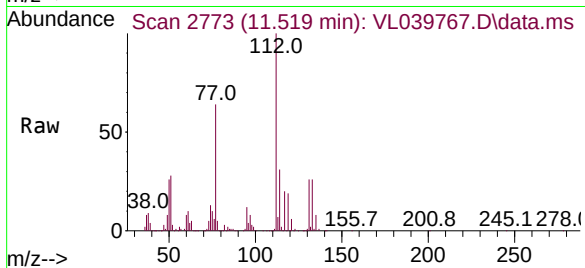
Tgt Ion:131 Resp: 976760
Ion Ratio Lower Upper
131 100
133 96.5 77.1 115.7
119 65.7 52.0 78.0





#57
Chlorobenzene
Concen: 9.364 ppbv
RT: 11.519 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

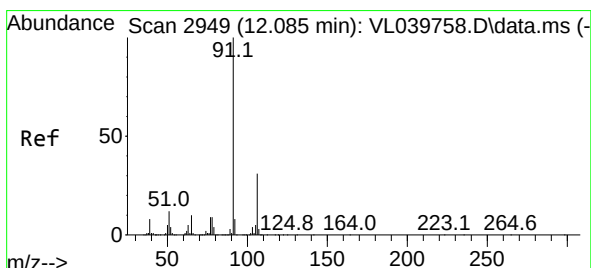
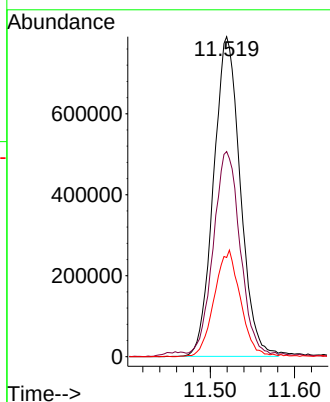
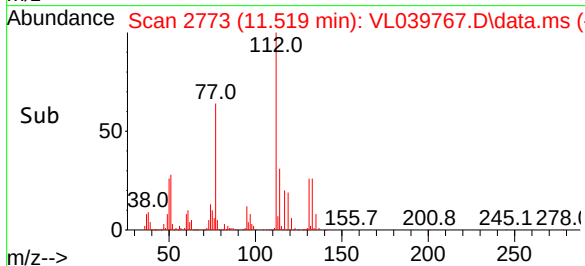
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102422



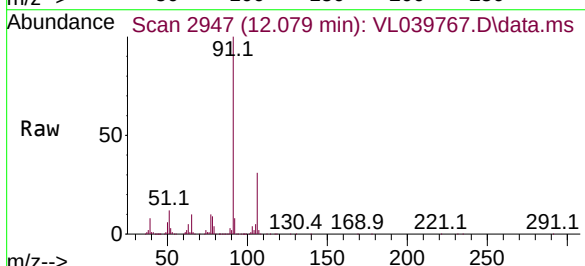
Tgt Ion:112 Resp: 173957
Ion Ratio Lower Upper
112 100
77 63.4 51.5 77.3
114 30.9 27.1 33.1

Manual Integrations
APPROVED

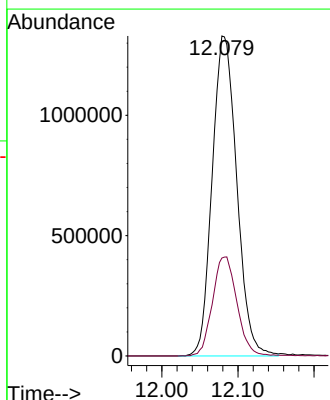
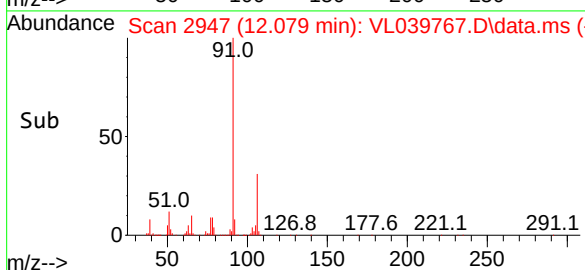
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

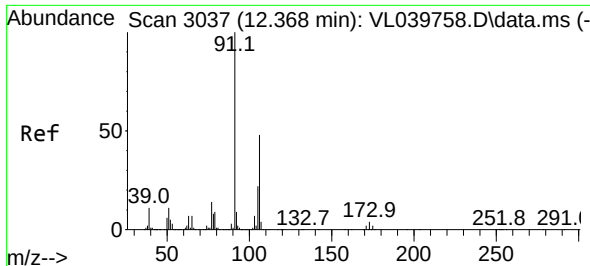


#58
Ethyl Benzene
Concen: 10.829 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.006 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



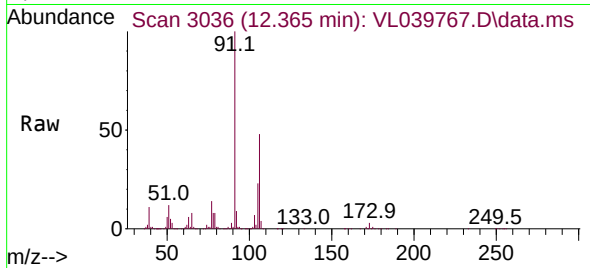
Tgt Ion: 91 Resp: 2987479
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8





#59
m/p-Xylene
Concen: 20.544 ppbv m
RT: 12.365 min Scan# 3036
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

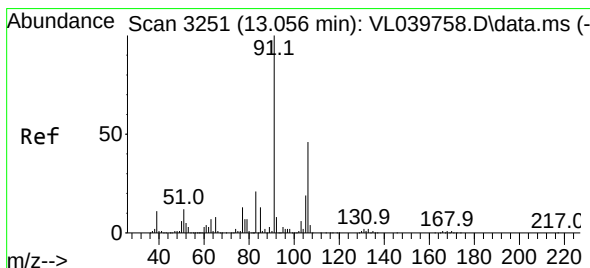
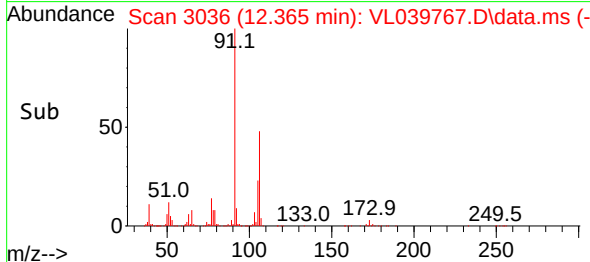
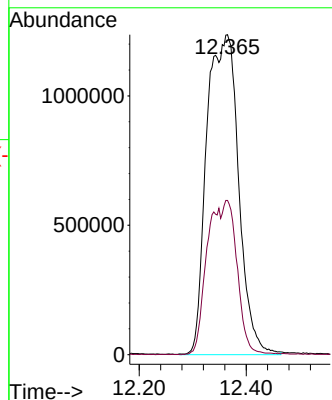
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102422



Tgt Ion: 91 Resp: 511562
Ion Ratio Lower Upper
91 100
106 45.1 36.4 54.6

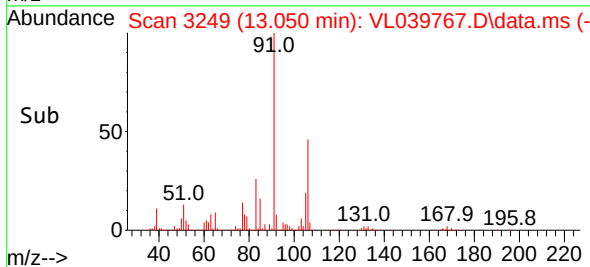
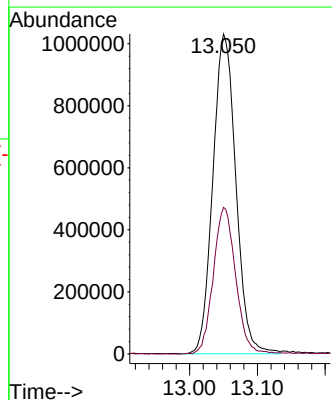
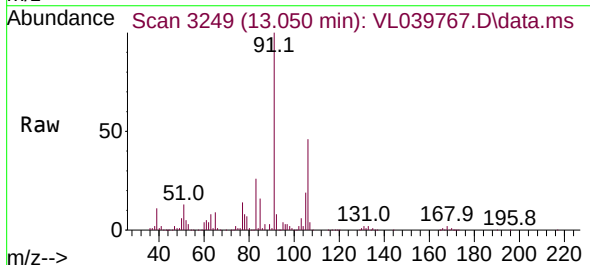
Manual Integrations
APPROVED

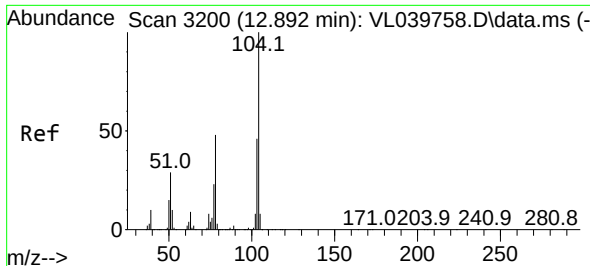
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
o-Xylene
Concen: 10.417 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.006 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

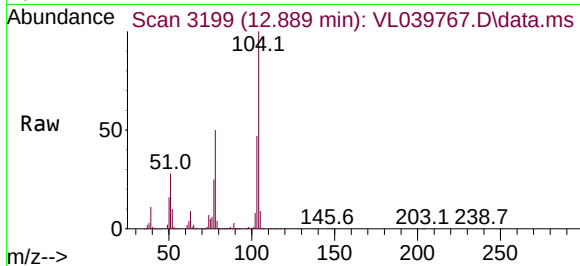
Tgt Ion: 91 Resp: 2432036
Ion Ratio Lower Upper
91 100
106 44.9 22.9 68.8





#61
Styrene
Concen: 11.644 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

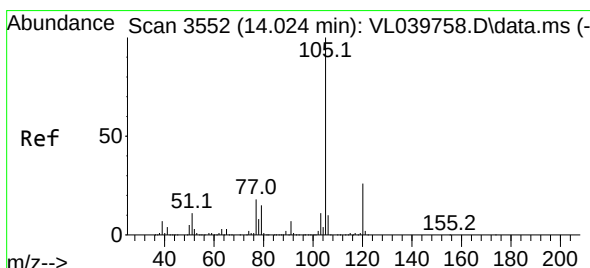
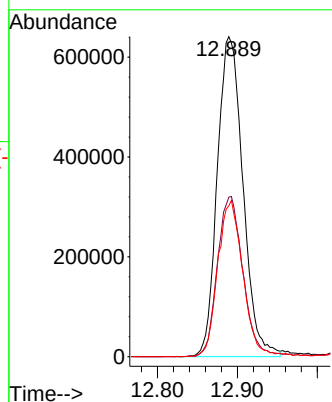
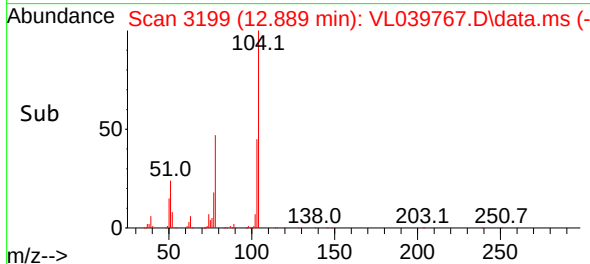
Instrument : MSVOA_L
ClientSampleId : ICVVL102422



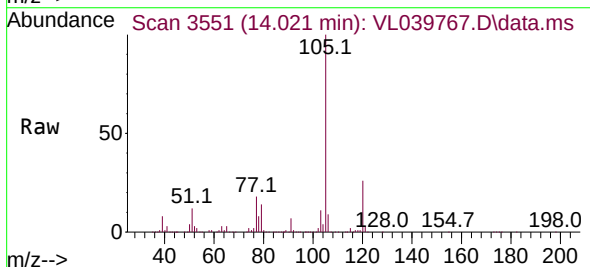
Tgt Ion:104 Resp: 1427794
Ion Ratio Lower Upper
104 100
78 50.3 39.9 59.9
103 48.3 38.8 58.2

Manual Integrations
APPROVED

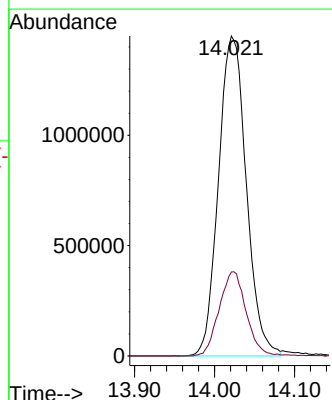
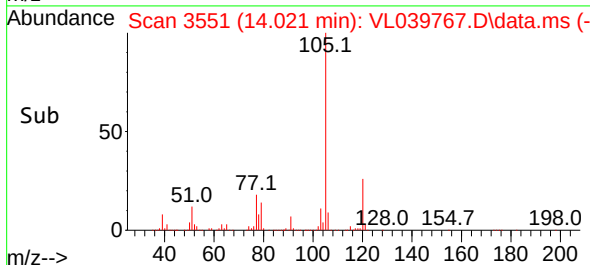
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

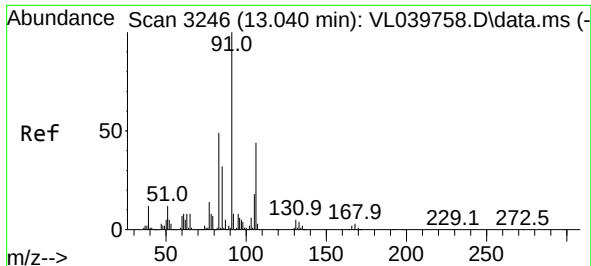


#62
Isopropylbenzene
Concen: 9.809 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



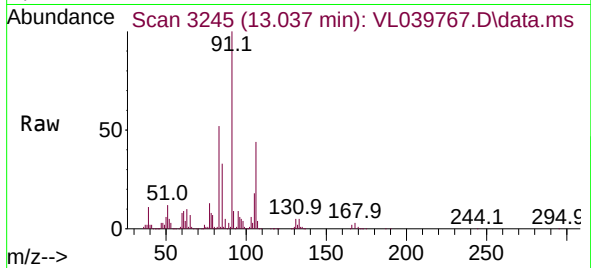
Tgt Ion:105 Resp: 3498998
Ion Ratio Lower Upper
105 100
120 25.7 20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 8.471 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

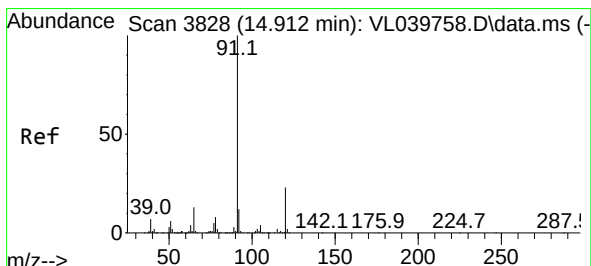
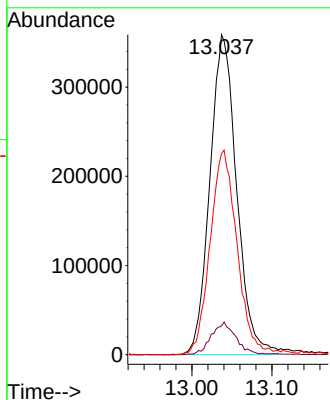
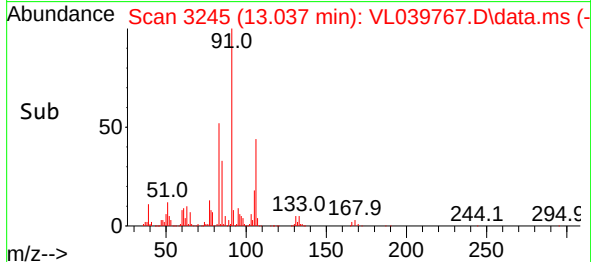
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102422



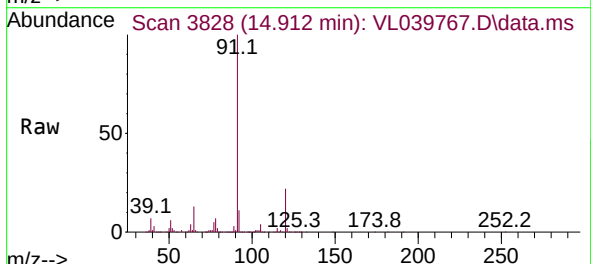
Tgt Ion: 83 Resp: 83188
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 65.9 33.6 100.6

Manual Integrations
APPROVED

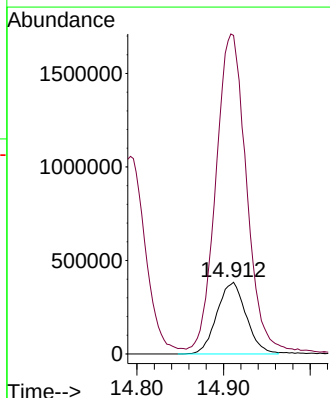
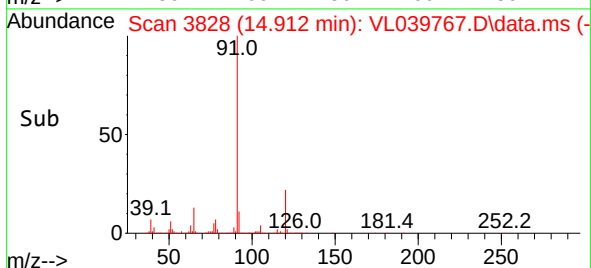
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

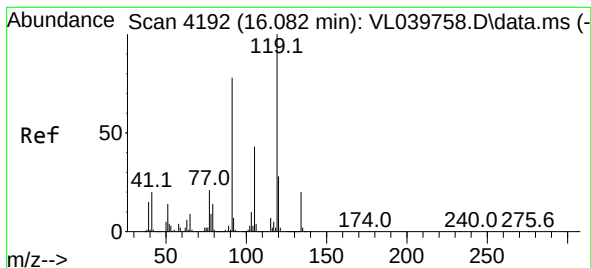


#64
n-propylbenzene
Concen: 9.923 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



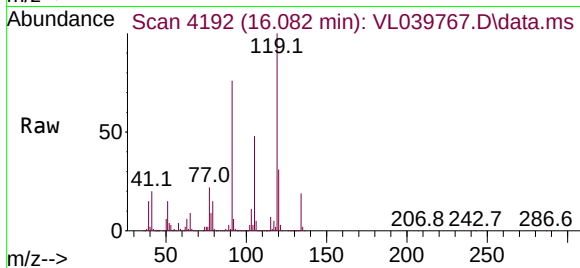
Tgt Ion:120 Resp: 896262
Ion Ratio Lower Upper
120 100
91 477.4 386.6 579.8





#65
tert-Butylbenzene
Concen: 9.709 ppbv
RT: 16.082 min Scan# 4192
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

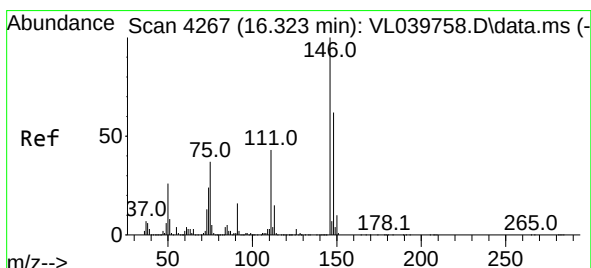
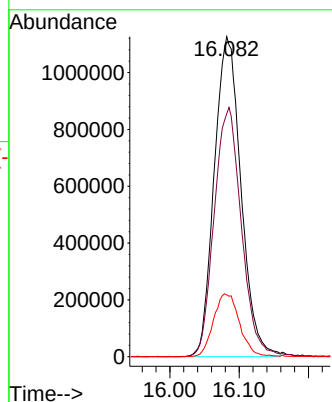
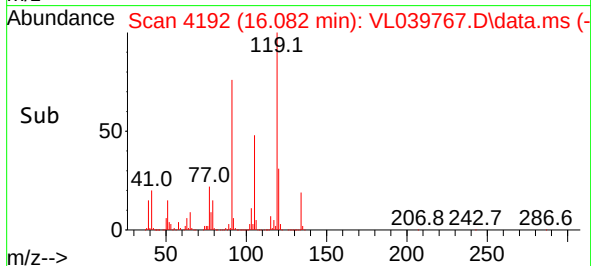
Instrument : MSVOA_L
ClientSampleId : ICVVL102422



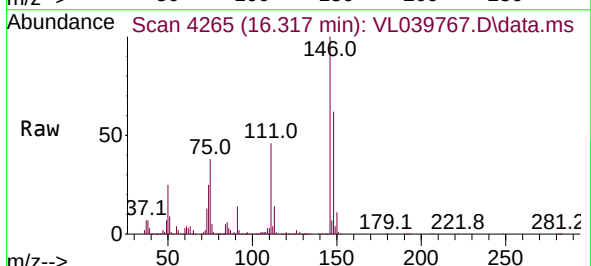
Tgt Ion: 119 Resp: 301794
Ion Ratio Lower Upper
119 100
91 79.3 63.3 94.9
134 19.3 15.5 23.3

Manual Integrations
APPROVED

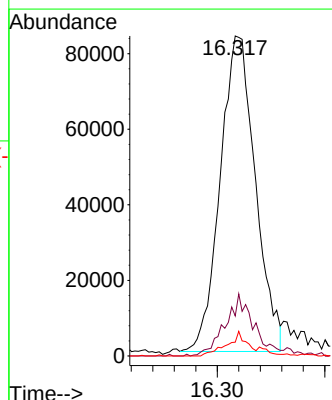
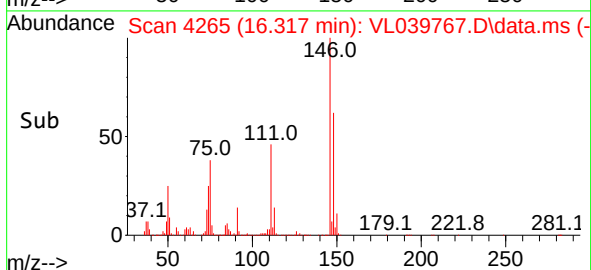
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

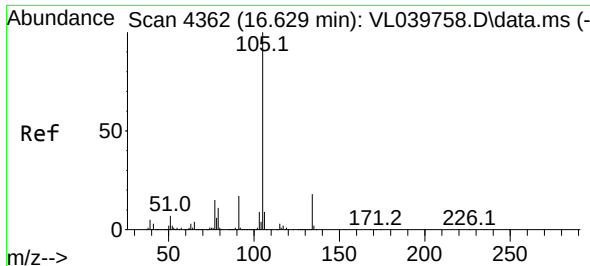


#66
Benzyl Chloride
Concen: 8.605 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.006 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



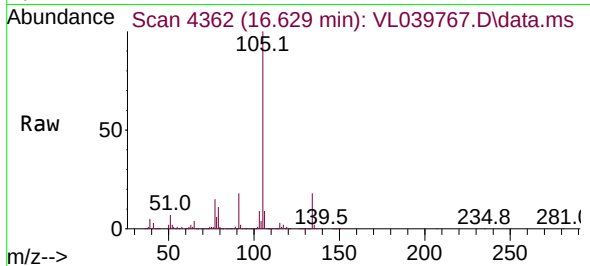
Tgt Ion: 91 Resp: 189720
Ion Ratio Lower Upper
91 100
126 17.1 13.8 20.6
128 5.6 5.1 7.7





#67
 sec-Butylbenzene
 Concen: 9.625 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19

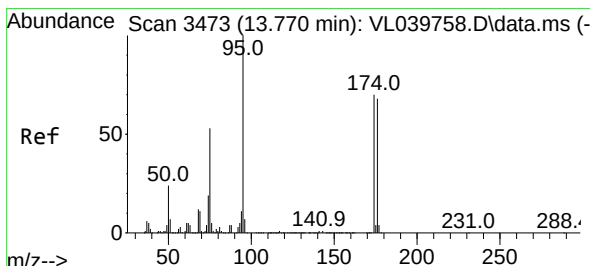
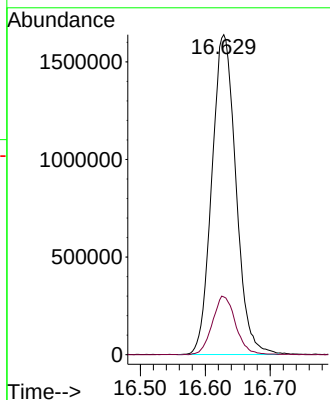
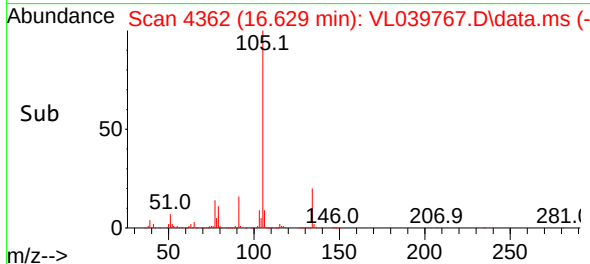
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102422



Tgt Ion:105 Resp: 4214020
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.3 21.5

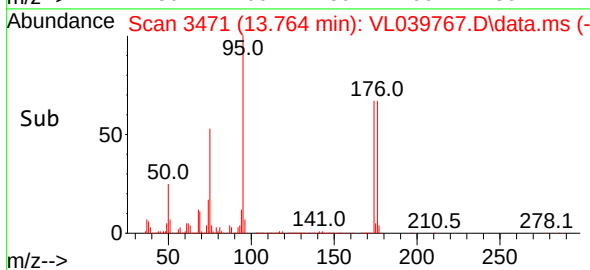
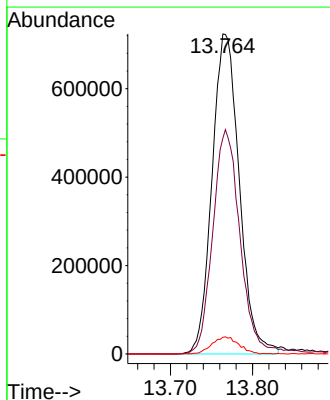
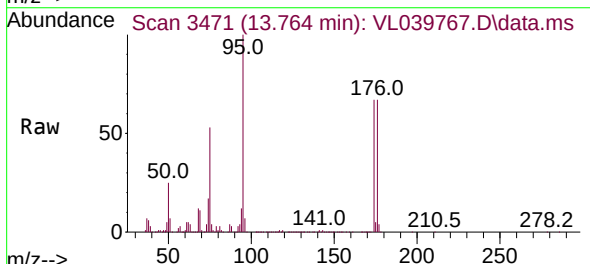
Manual Integrations
 APPROVED

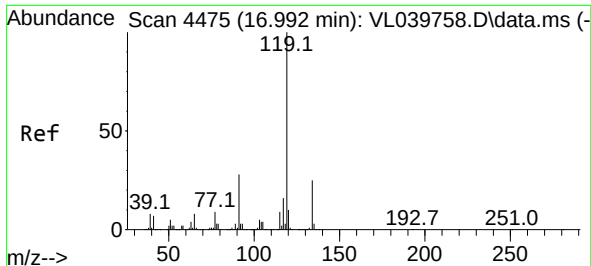
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.723 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.006 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19

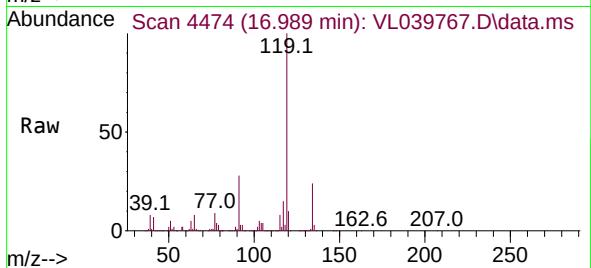
Tgt Ion: 95 Resp: 1674963
 Ion Ratio Lower Upper
 95 100
 174 71.3 57.3 85.9
 175 5.3 4.2 6.2





#69
p-Isopropyltoluene
Concen: 9.778 ppbv
RT: 16.989 min Scan# 4475
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

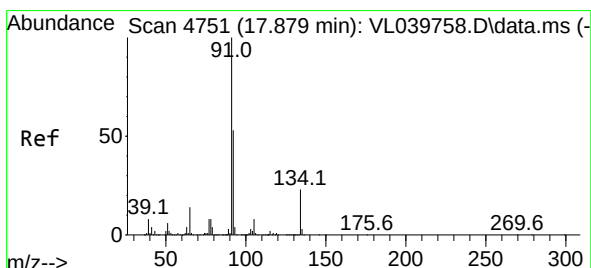
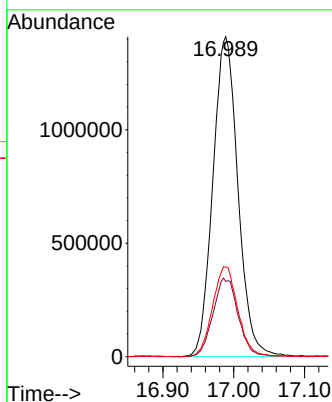
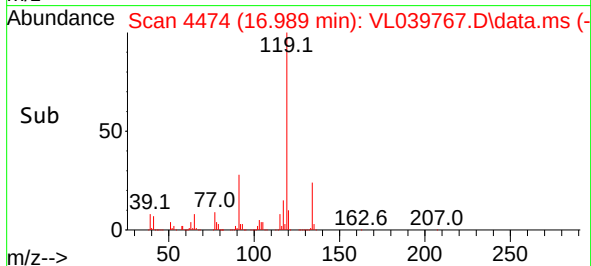
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102422



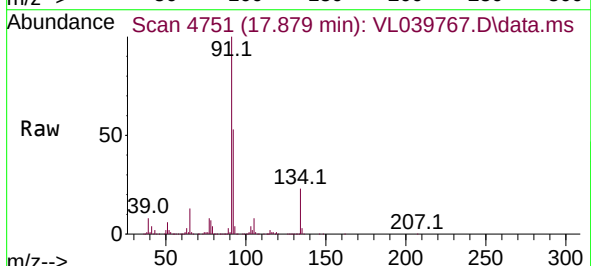
Tgt Ion:119 Resp: 346286
Ion Ratio Lower Upper
119 100
134 24.8 19.8 29.6
91 28.5 22.2 33.2

Manual Integrations
APPROVED

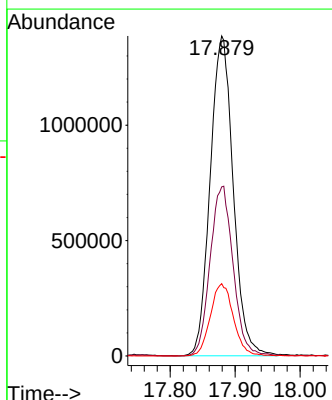
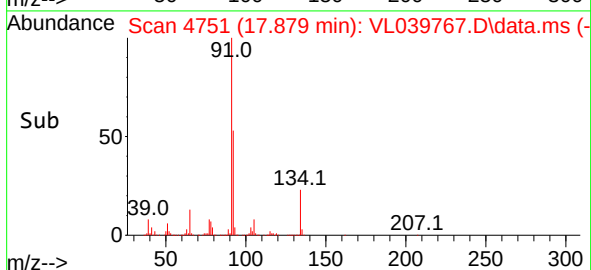
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

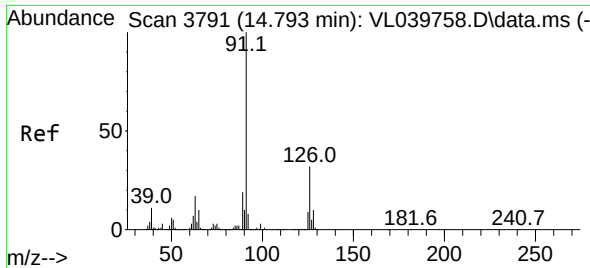


#70
n-Butylbenzene
Concen: 10.082 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



Tgt Ion: 91 Resp: 3414415
Ion Ratio Lower Upper
91 100
92 53.1 43.0 64.6
134 22.7 18.5 27.7





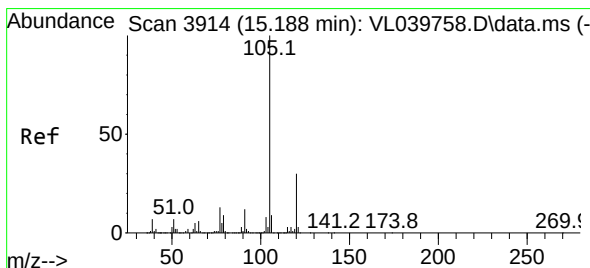
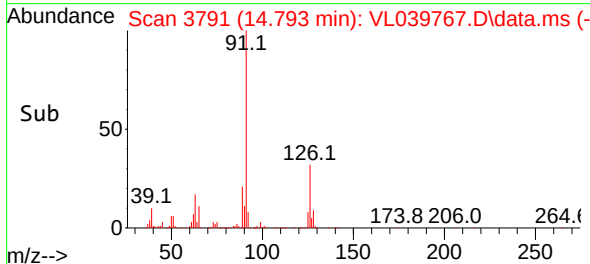
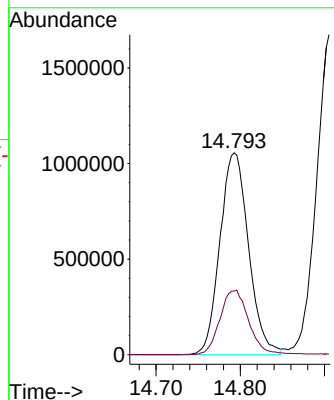
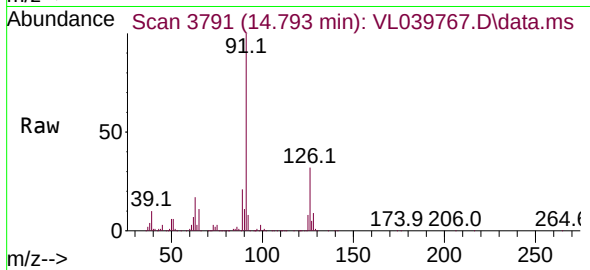
#71
2-Chlorotoluene
Concen: 10.059 ppbv
RT: 14.793 min Scan# 3791
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

Instrument : MSVOA_L
ClientSampleId : ICVVL102422

Tgt Ion: 91 Resp: 2492054
Ion Ratio Lower Upper
91 100
126 32.8 13.0 52.0

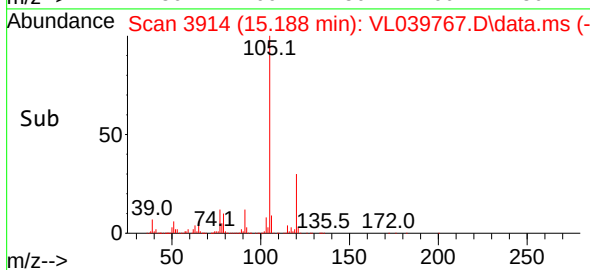
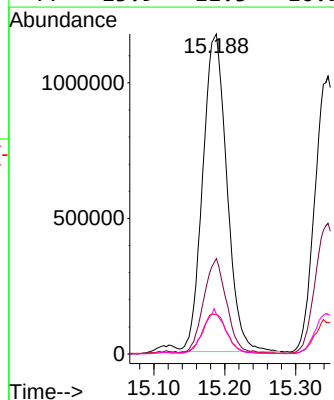
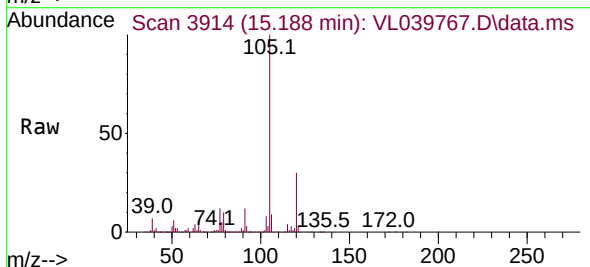
Manual Integrations
APPROVED

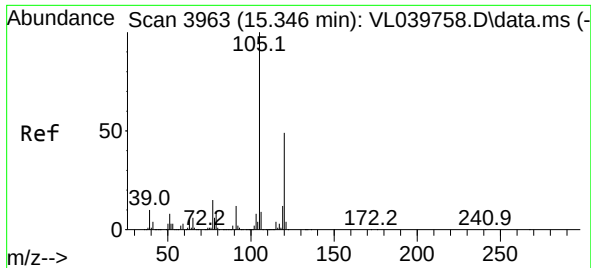
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#72
4-Ethyltoluene
Concen: 10.278 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

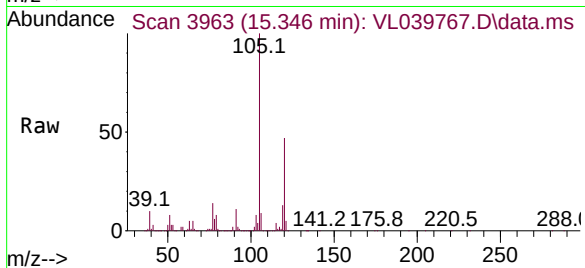
Tgt Ion:105 Resp: 2764216
Ion Ratio Lower Upper
105 100
120 29.0 25.0 37.6
91 12.9 10.2 15.2
77 13.9 11.3 16.9





#73
 1,3,5-Trimethylbenzene
 Concen: 10.172 ppbv
 RT: 15.346 min Scan# 3963
 Delta R.T. -0.000 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19

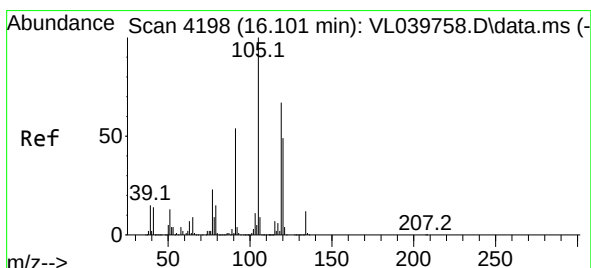
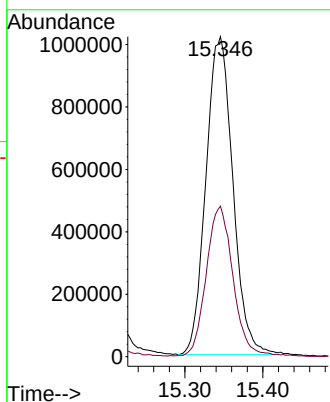
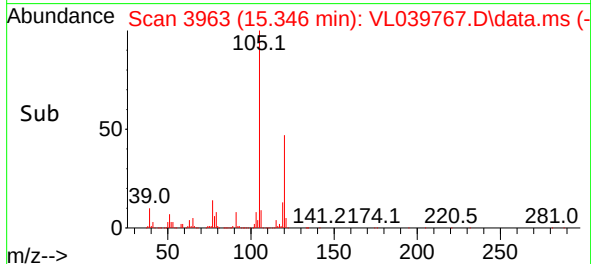
Instrument : MSVOA_L
 ClientSampleId : ICVVL102422



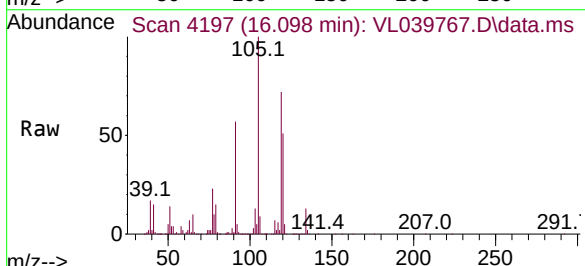
Tgt Ion:105 Resp: 244845
 Ion Ratio Lower Upper
 105 100
 120 47.0 39.0 58.6

Manual Integrations
 APPROVED

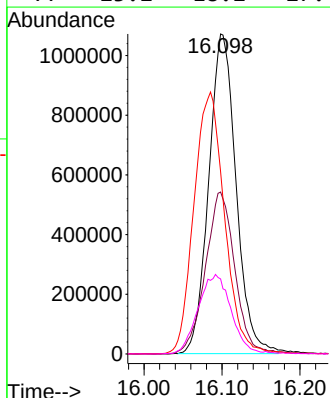
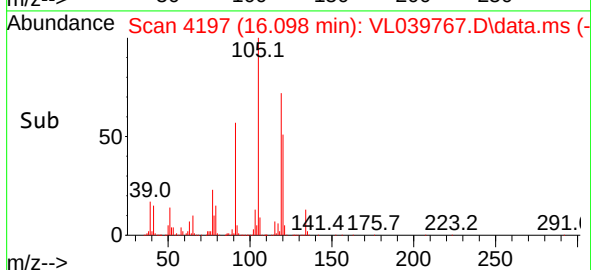
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

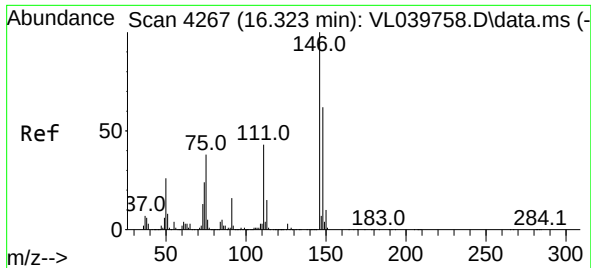


#74
 1,2,4-Trimethylbenzene
 Concen: 9.570 ppbv
 RT: 16.098 min Scan# 4197
 Delta R.T. -0.003 min
 Lab File: VL039767.D
 Acq: 24 Oct 2022 20:19



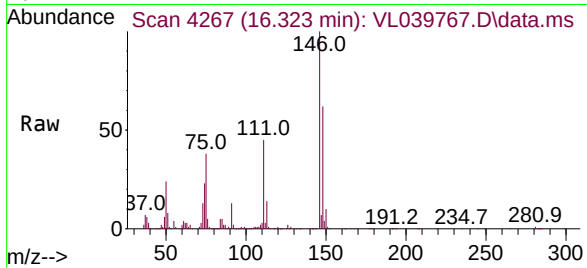
Tgt Ion:105 Resp: 2608500
 Ion Ratio Lower Upper
 105 100
 120 50.1 39.6 59.4
 91 56.4 42.9 64.3
 77 23.2 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 9.442 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

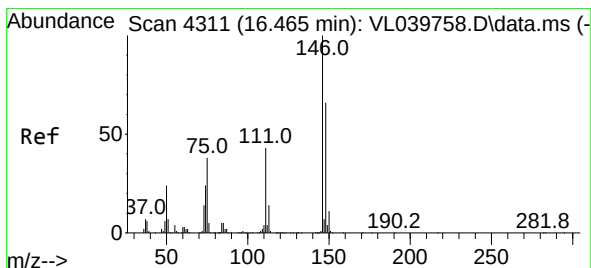
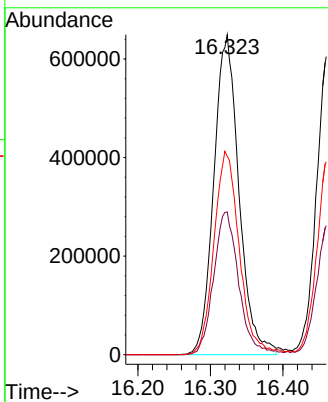
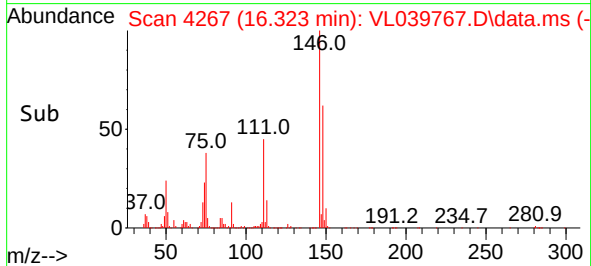
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102422



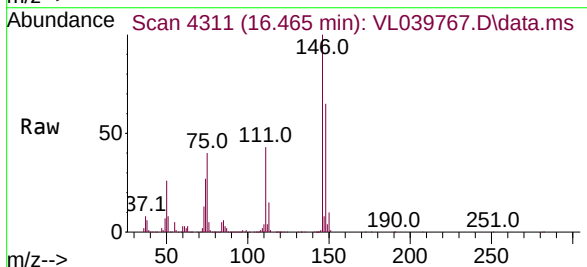
Tgt Ion:146 Resp: 1562086
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.3
148 64.4 32.4 97.0

Manual Integrations
APPROVED

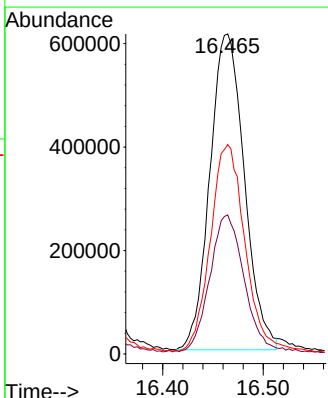
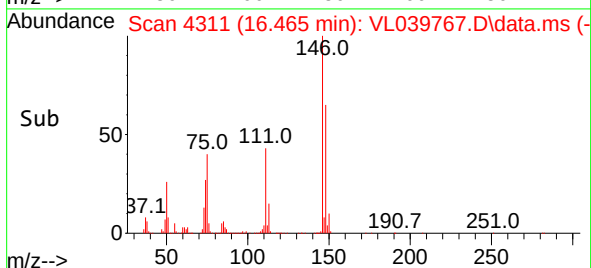
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

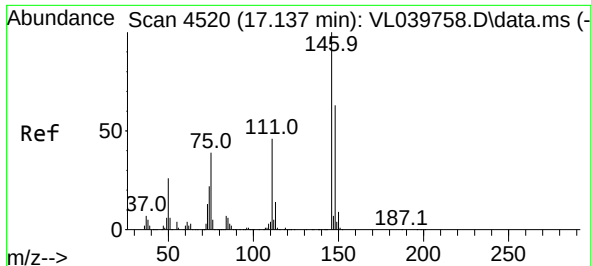


#76
1,4-Dichlorobenzene
Concen: 9.229 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



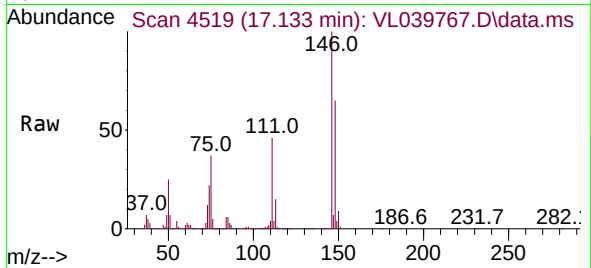
Tgt Ion:146 Resp: 1456213
Ion Ratio Lower Upper
146 100
111 45.5 22.0 66.0
148 68.5 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 9.431 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. -0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

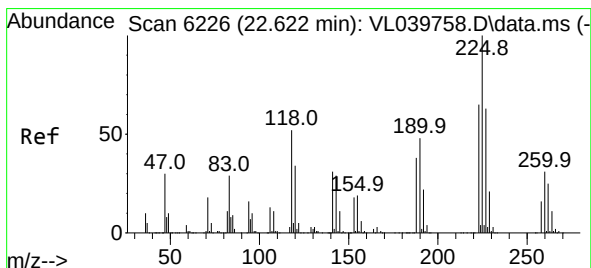
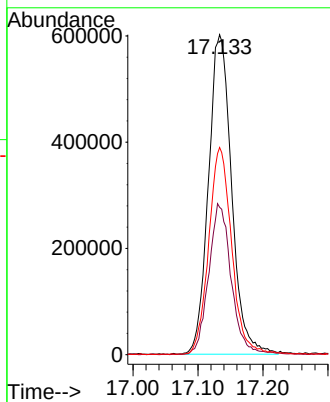
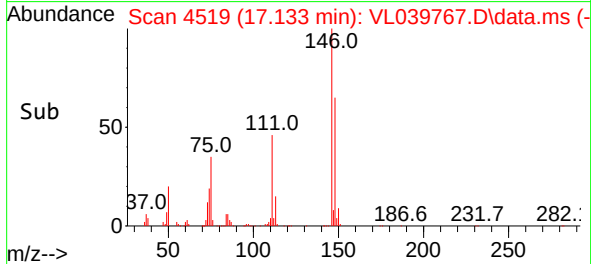
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102422



Tgt Ion:146 Resp: 1487912
Ion Ratio Lower Upper
146 100
111 46.3 23.8 71.4
148 64.4 32.3 96.9

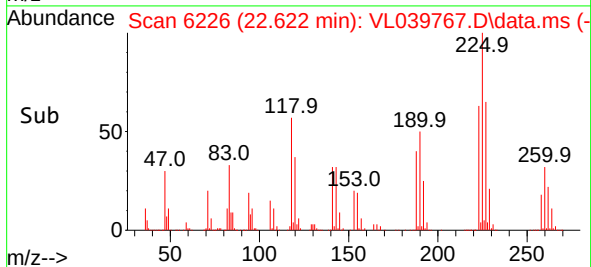
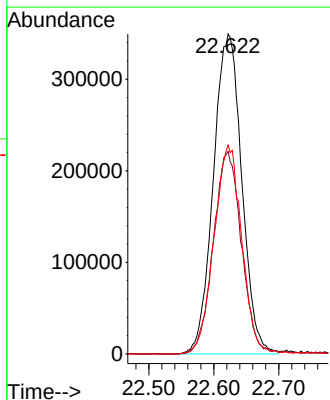
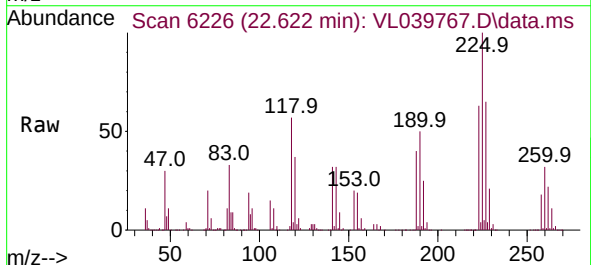
Manual Integrations
APPROVED

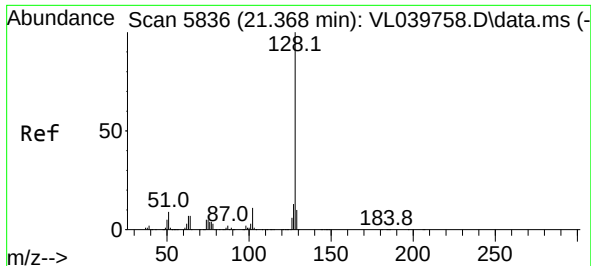
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
Hexachloro-1,3-Butadiene
Concen: 8.822 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

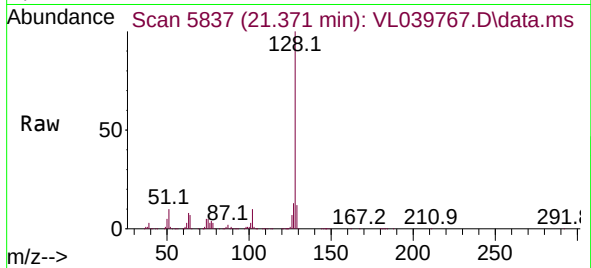
Tgt Ion:225 Resp: 1060595
Ion Ratio Lower Upper
225 100
223 62.8 50.8 76.2
227 63.9 51.0 76.4





#79
Naphthalene
Concen: 12.900 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.003 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19

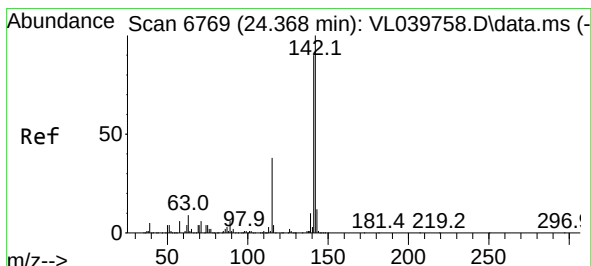
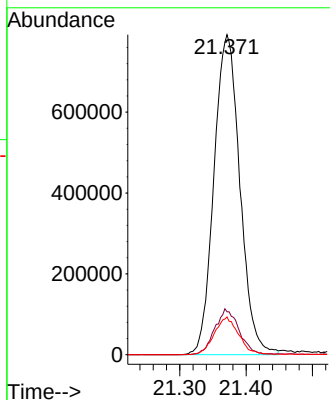
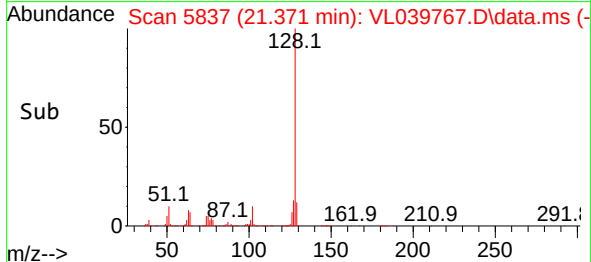
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102422



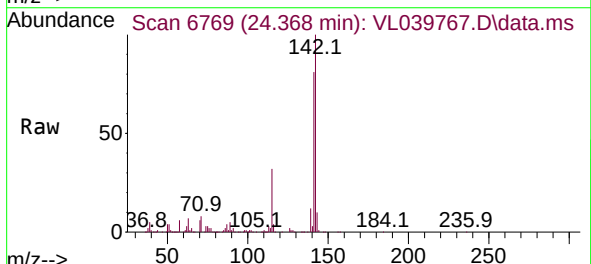
Tgt Ion:128 Resp: 2150274
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.8 8.4 12.6

Manual Integrations
APPROVED

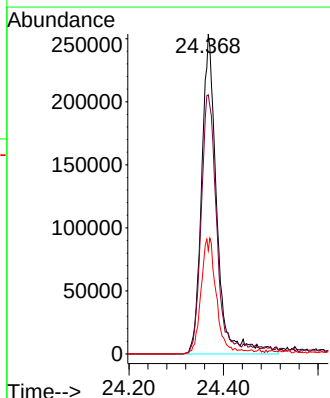
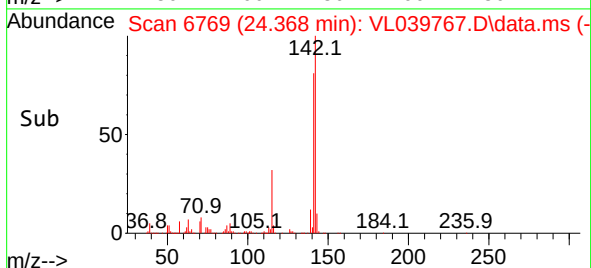
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

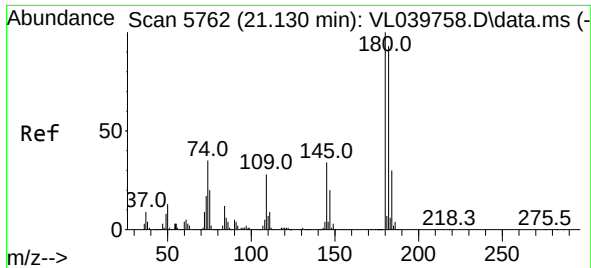


#80
Naphthalene,2-methyl-
Concen: 9.988 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.000 min
Lab File: VL039767.D
Acq: 24 Oct 2022 20:19



Tgt Ion:142 Resp: 565367
Ion Ratio Lower Upper
142 100
141 81.6 65.7 98.5
115 36.0 28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 10.923 ppbv

RT: 21.127 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL039767.D

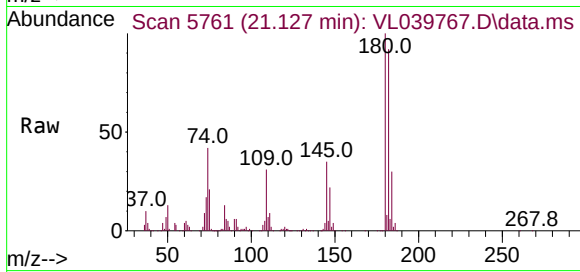
Acq: 24 Oct 2022 20:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102422



Tgt Ion:180 Resp: 120331

Ion Ratio Lower Upper

180 100

182 97.4 77.5 116.3

184 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022

