

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040128.D
 Acq On : 30 Jan 2023 11:41
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

Quant Time: Jan 31 05:04:55 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

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

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	921047	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2539084	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2533740m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1911083 9.075 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 90.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.713	85	1755756	10.872	ppbv	98
3) Chlorodifluoromethane	2.655	51	1074067	9.722	ppbv	96
4) Chloromethane	2.793	50	703924	10.310	ppbv	98
5) Vinyl Chloride	2.902	62	600730	10.378	ppbv	99
6) Bromomethane	3.102	94	195592	9.260	ppbv	98
7) Chloroethane	3.179	64	220249	9.955	ppbv	99
8) Dichlorotetrafluoroethane	2.838	85	1426058	9.459	ppbv	96
9) Propene	2.674	41	487394	10.619	ppbv	99
10) Heptane	7.568	43	1192413	11.272	ppbv	98
11) Trichlorofluoromethane	3.545	101	1441512	8.944	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	1075808	8.879	ppbv	94
13) Ethanol	3.227	45	34755m	8.227	ppbv	
14) Bromoethene	3.349	108	453111	10.074	ppbv	99
15) Acetone	3.449	43	1051917	9.523	ppbv	96
16) 1,3-Butadiene	2.967	39	536726	10.422	ppbv	99
17) tert-Butyl alcohol	3.861	59	1051952	10.227	ppbv	100
18) 1,1-Dichloroethene	3.864	96	502887	9.553	ppbv	98
19) Isopropyl Alcohol	3.558	45	527593	9.762	ppbv #	97
20) Methylene Chloride	3.915	84	422478	8.669	ppbv	94
21) Allyl Chloride	3.980	41	754808	10.642	ppbv	97
22) trans-1,2-Dichloroethene	4.430	96	527698	9.810	ppbv	95
23) Vinyl Acetate	4.613	43	386838	10.803	ppbv #	97
24) 1,1-Dichloroethane	4.549	63	1072023	9.887	ppbv	99
25) Ethyl Acetate	5.189	43	2128495	10.938	ppbv	99
26) Hexane	5.198	57	944896	11.095	ppbv	95
27) Carbon Disulfide	4.108	76	1350394	12.240	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	1013461	10.578	ppbv	100
29) Chloroform	5.259	83	1494784	10.978	ppbv	98
30) Cyclohexane	6.590	84	802279	11.850	ppbv	95
31) cis-1,2-Dichloroethene	5.063	61	830321	10.071	ppbv	98
32) 1,1,1-Trichloroethane	5.989	97	1500950	10.845	ppbv	100
34) 2-Butanone	4.771	43	1194229	9.944	ppbv	99
35) Carbon Tetrachloride	6.481	117	1590241	11.077	ppbv	99
36) Benzene	6.359	78	2027818	10.792	ppbv	98
37) 1,2-Dichloroethane	5.790	62	1136054	9.406	ppbv	98
38) Trichloroethene	7.278	130	1176843	11.036	ppbv	95
39) 1,2-Dichloropropane	7.063	63	763385	10.387	ppbv	94
40) 1,4-Dioxane	7.275	88	303679	10.412	ppbv	97
41) Tetrahydrofuran	5.542	42	776373	11.200	ppbv	97
42) Bromodichloromethane	7.237	83	1732614	10.624	ppbv	99
43) Methyl Methacrylate	7.465	69	809644	11.742	ppbv	96
44) 2,2,4-Trimethylpentane	7.314	57	3269600	10.463	ppbv	98
45) t-1,3-Dichloropropene	8.700	75	811156	13.193	ppbv	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

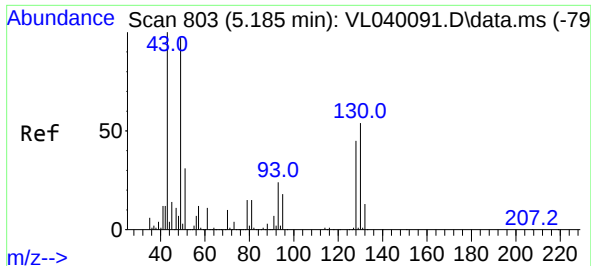
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

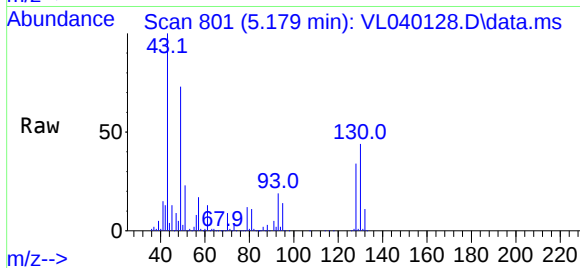
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	1083095	12.891	ppbv	94
47) 1,1,2-Trichloroethane	8.886	97	834929	10.790	ppbv	99
48) Dibromochloromethane	9.700	129	1480326	11.903	ppbv	99
49) Bromoform	12.397	173	1206064	12.589	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2041912	10.809	ppbv	98
51) 2-Hexanone	9.542	43	1602876	11.200	ppbv #	95
52) Tetrachloroethene	10.606	164	707651	11.512	ppbv	98
53) Toluene	9.211	91	2341326	11.683	ppbv	99
54) 1,2-Dibromoethane	9.999	107	961989	11.875	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.500	131	1014244	10.285	ppbv	97
57) Chlorobenzene	11.516	112	1796862	10.404	ppbv	94
58) Ethyl Benzene	12.082	91	3146279	11.127	ppbv	97
59) m/p-Xylene	12.365	91	5283780m	20.783	ppbv	
60) o-Xylene	13.050	91	2519303	10.440	ppbv	98
61) Styrene	12.892	104	1538283	12.233	ppbv	96
62) Isopropylbenzene	14.024	105	3598564	10.368	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	845354	9.648	ppbv	99
64) n-propylbenzene	14.912	120	939324	10.886	ppbv	92
65) tert-Butylbenzene	16.085	119	3109573	10.464	ppbv	96
66) Benzyl Chloride	16.323	91	269628	13.276	ppbv #	92
67) sec-Butylbenzene	16.632	105	4364595	10.360	ppbv	99
69) p-Isopropyltoluene	16.989	119	3563620	10.764	ppbv	98
70) n-Butylbenzene	17.883	91	3696536	10.354	ppbv	99
71) 2-Chlorotoluene	14.796	91	2755157	10.321	ppbv	97
72) 4-Ethyltoluene	15.188	105	2900106	10.830	ppbv	98
73) 1,3,5-Trimethylbenzene	15.349	105	2551567	10.583	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	2755210	10.316	ppbv	98
75) 1,3-Dichlorobenzene	16.326	146	1549136	10.443	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1537201	10.540	ppbv	98
77) 1,2-Dichlorobenzene	17.137	146	1475999	10.405	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	978398	9.416	ppbv	99
79) Naphthalene	21.378	128	2061410	13.473	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	683518	13.258	ppbv	98
81) 1,2,4-Trichlorobenzene	21.133	180	1079623	11.449	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

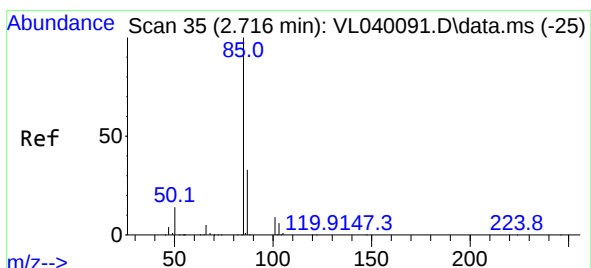
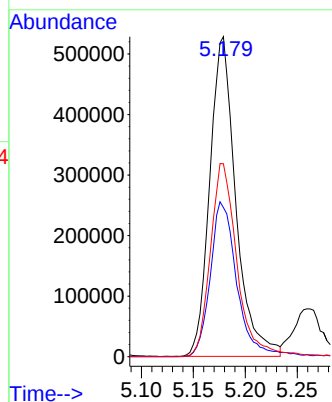
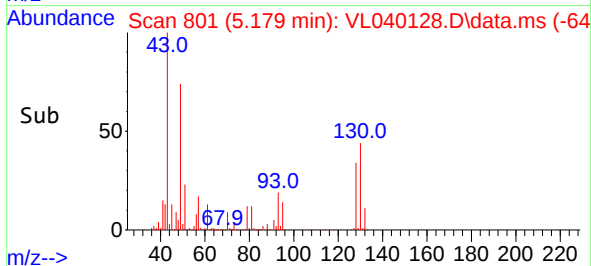
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



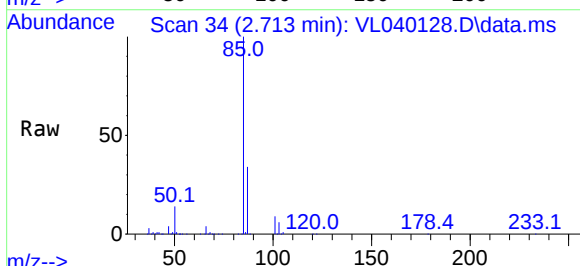
Tgt Ion: 49 Resp: 92104
Ion Ratio Lower Upper
49 100
128 50.2 23.6 71.0
130 62.7 29.8 89.3

Manual Integrations
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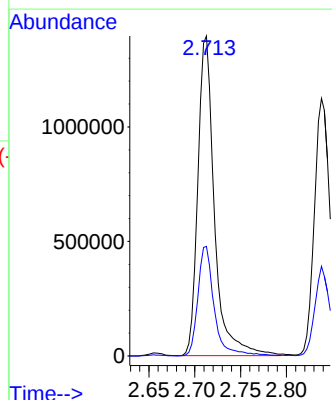
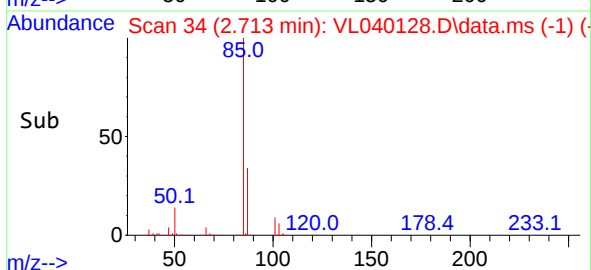
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

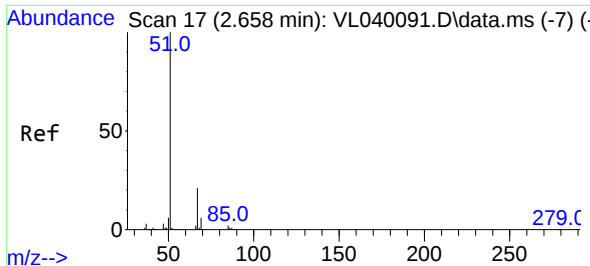


#2
Dichlorodifluoromethane
Concen: 10.872 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.003 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



Tgt Ion: 85 Resp: 1755756
Ion Ratio Lower Upper
85 100
87 34.2 26.5 39.7





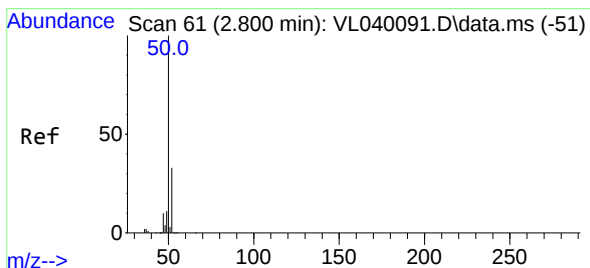
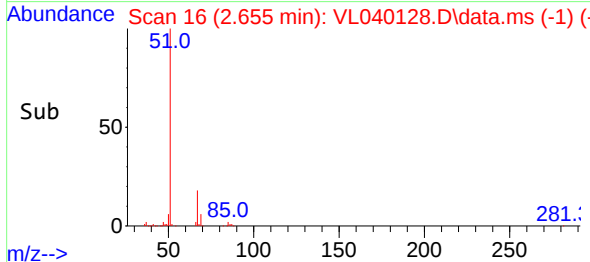
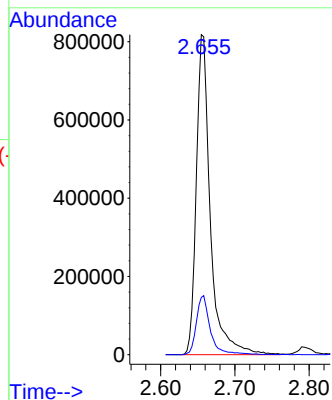
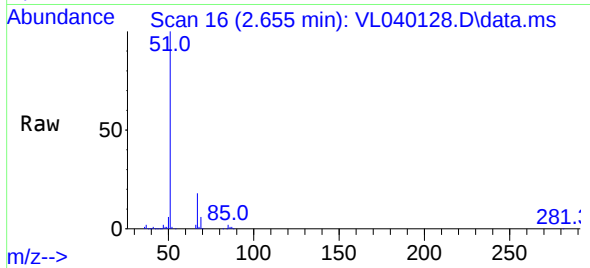
#3
Chlorodifluoromethane
Concen: 9.722 ppbv
RT: 2.655 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 107406
Ion Ratio Lower Upper
51 100
67 18.5 16.4 24.6

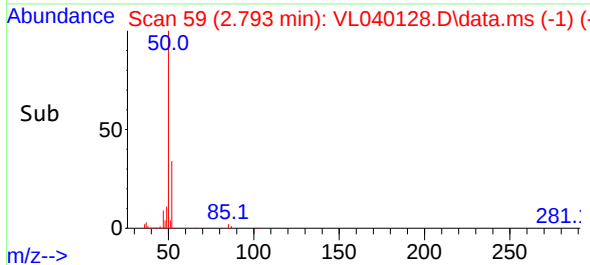
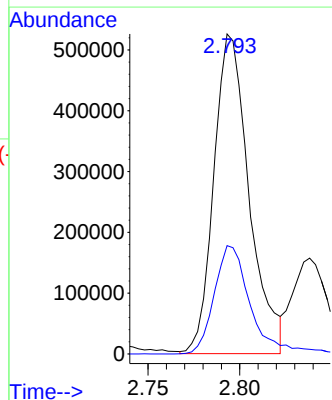
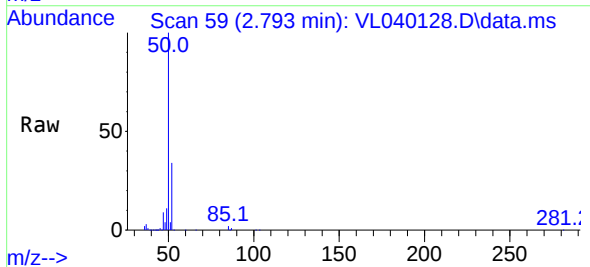
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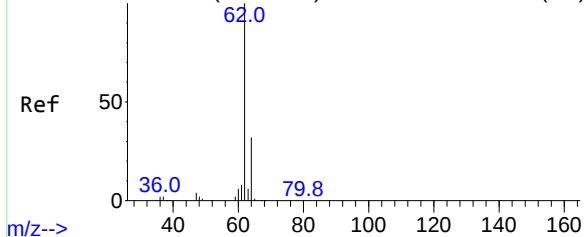


#4
Chloromethane
Concen: 10.310 ppbv
RT: 2.793 min Scan# 59
Delta R.T. -0.006 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 50 Resp: 703924
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7



Abundance Scan 94 (2.906 min): VL040091.D\data.ms (-82)



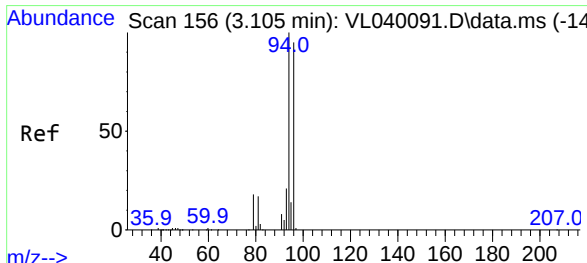
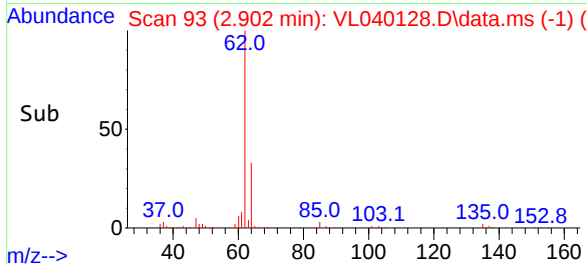
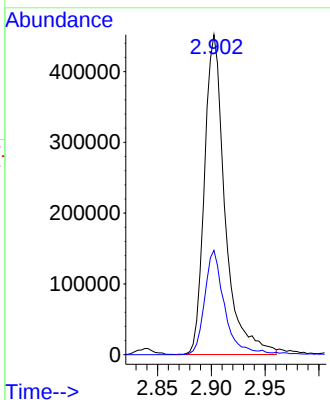
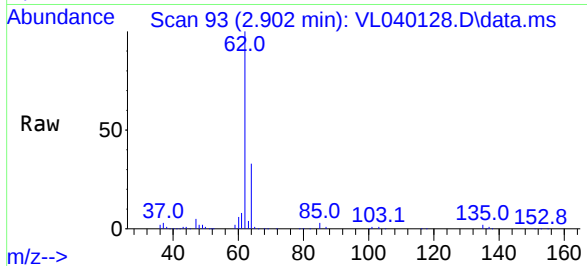
#5
Vinyl Chloride
Concen: 10.378 ppbv
RT: 2.902 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 600730
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6

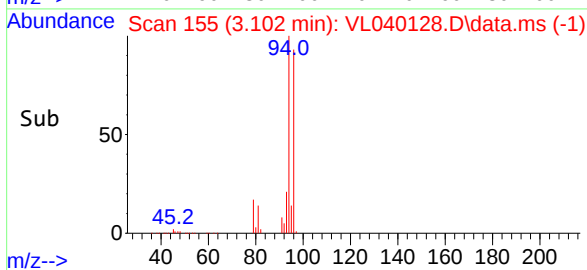
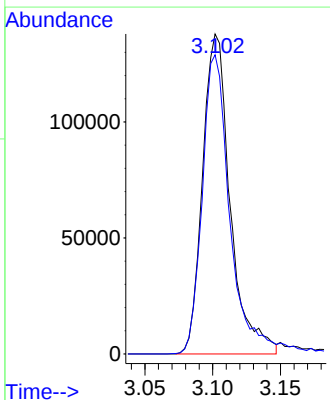
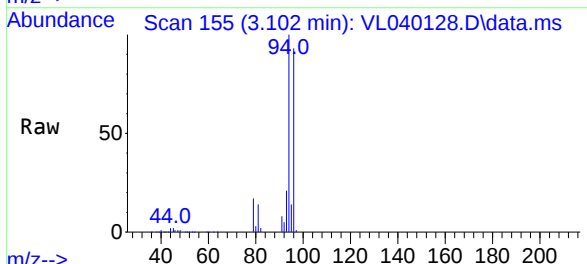
Manual Integrations
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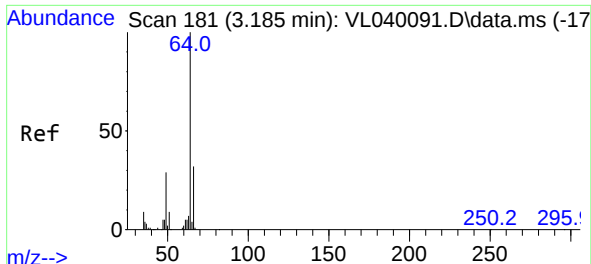
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#6
Bromomethane
Concen: 9.260 ppbv
RT: 3.102 min Scan# 155
Delta R.T. -0.003 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

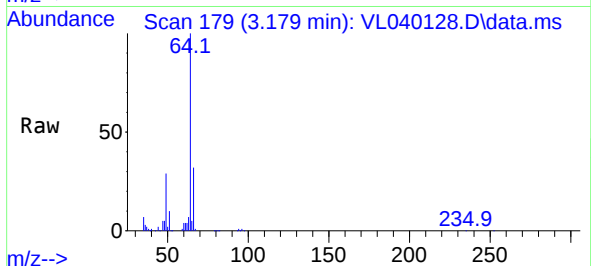
Tgt Ion: 94 Resp: 195592
Ion Ratio Lower Upper
94 100
96 93.3 76.2 114.2





#7
Chloroethane
Concen: 9.955 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

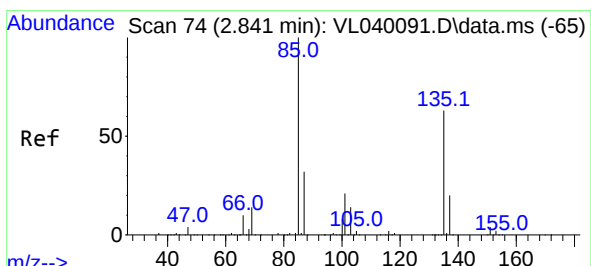
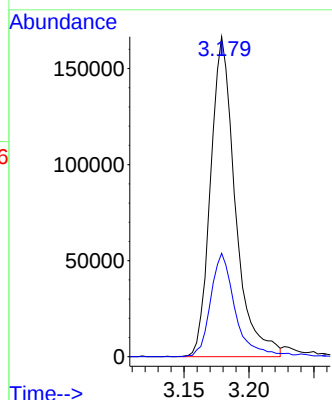
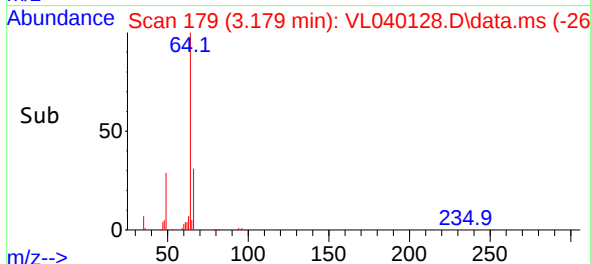
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 220249
Ion Ratio Lower Upper
64 100
66 32.3 25.6 38.4

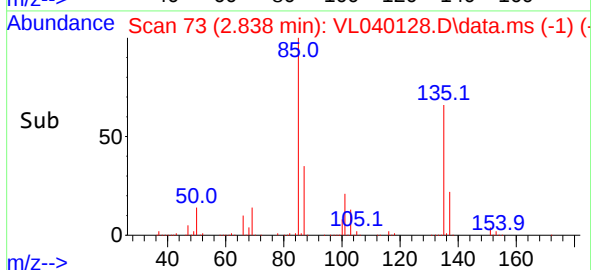
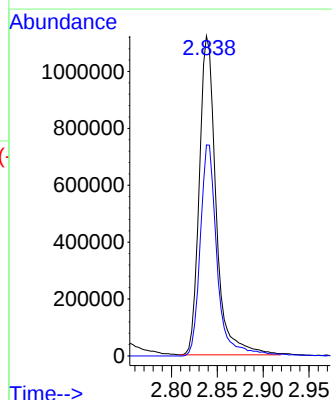
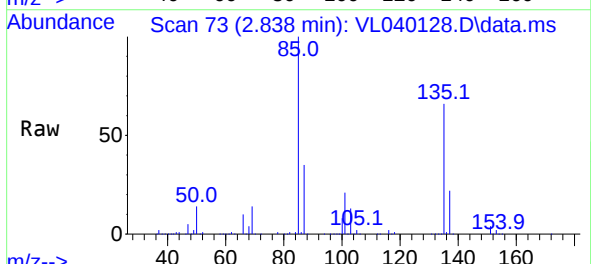
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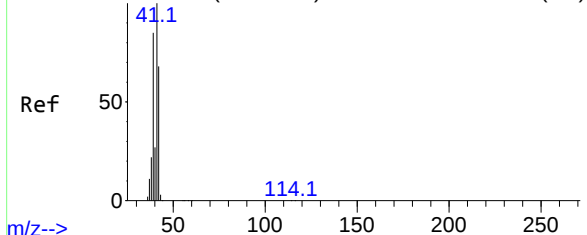


#8
Dichlorotetrafluoroethane
Concen: 9.459 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.003 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 85 Resp: 1426058
Ion Ratio Lower Upper
85 100
135 67.3 51.4 77.2



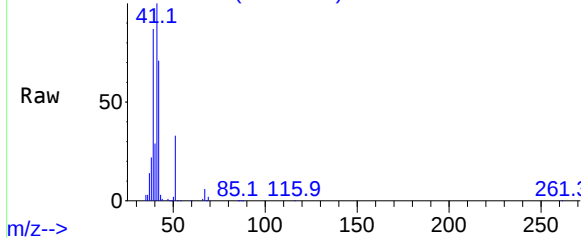
Abundance Scan 23 (2.677 min): VL040091.D\data.ms (-15)



#9
Propene
Concen: 10.619 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Abundance Scan 22 (2.674 min): VL040128.D\data.ms

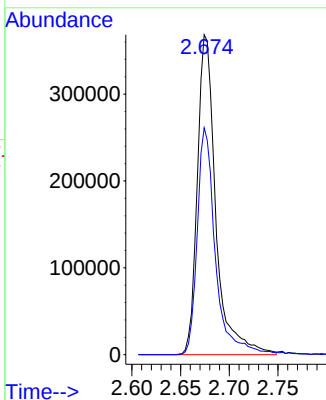
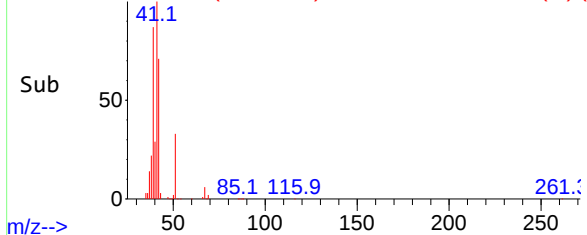


Tgt Ion: 41 Resp: 487394
Ion Ratio Lower Upper
41 100
42 70.2 55.6 83.4

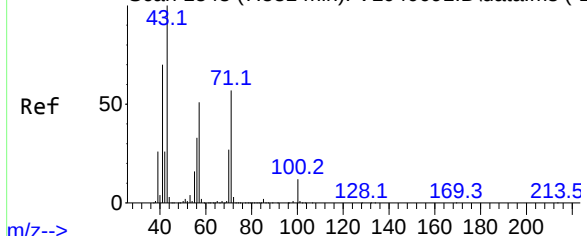
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Supervised By :Mahesh Dadoda 01/31/2023

Abundance Scan 22 (2.674 min): VL040128.D\data.ms (-1)



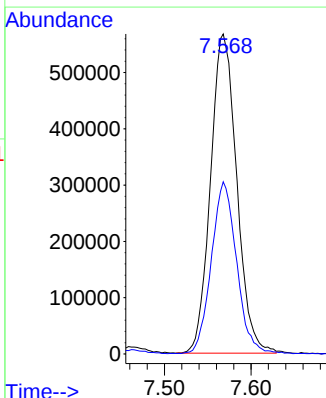
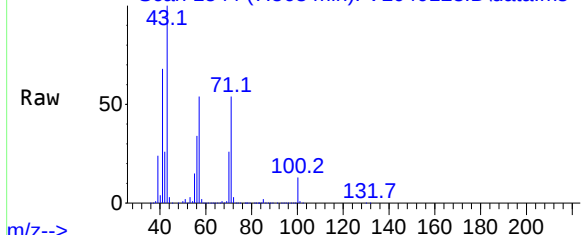
Abundance Scan 1548 (7.581 min): VL040091.D\data.ms (-1)



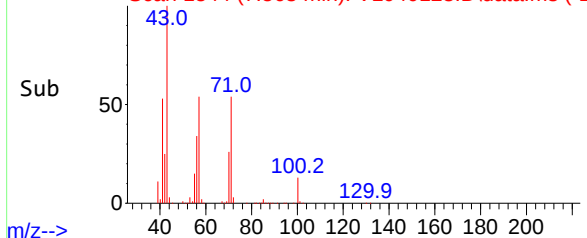
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Heptane
Concen: 11.272 ppbv
RT: 7.568 min Scan# 1544
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

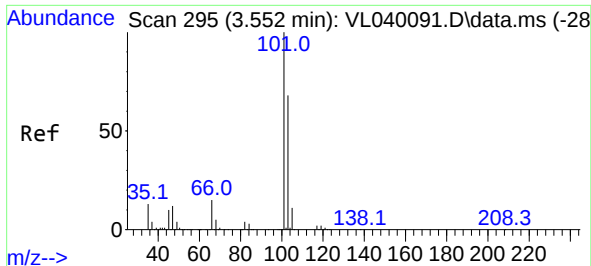
Tgt Ion: 43 Resp: 1192413
Ion Ratio Lower Upper
43 100
57 52.4 40.9 61.3

Abundance Scan 1544 (7.568 min): VL040128.D\data.ms



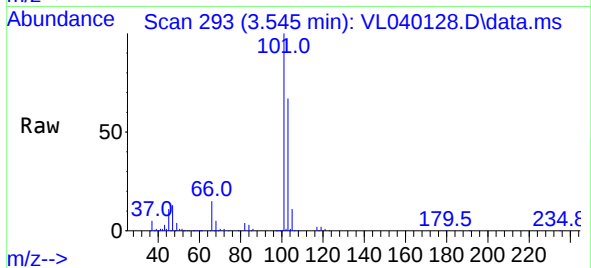
Abundance Scan 1544 (7.568 min): VL040128.D\data.ms (-1)





#11
Trichlorofluoromethane
Concen: 8.944 ppbv
RT: 3.545 min Scan# 295
Delta R.T. -0.006 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

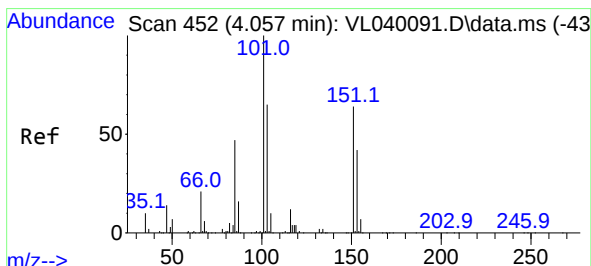
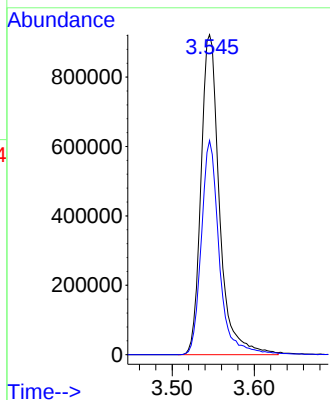
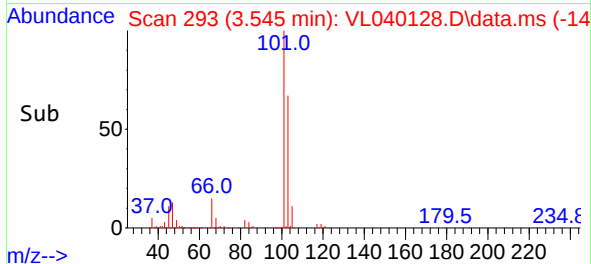
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



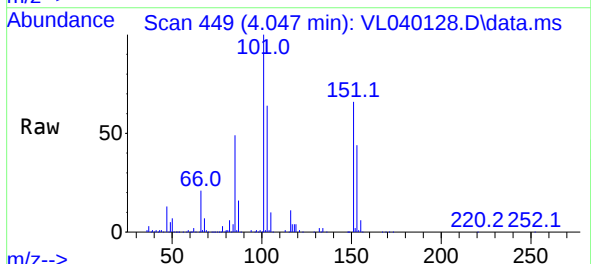
Tgt Ion:101 Resp: 144151
Ion Ratio Lower Upper
101 100
103 66.9 54.0 81.0

Manual Integrations
APPROVED

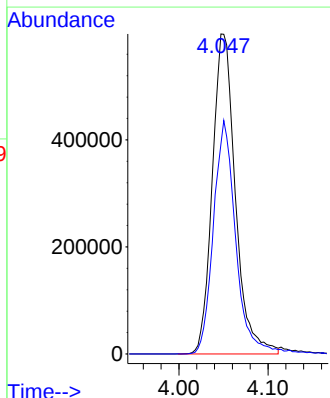
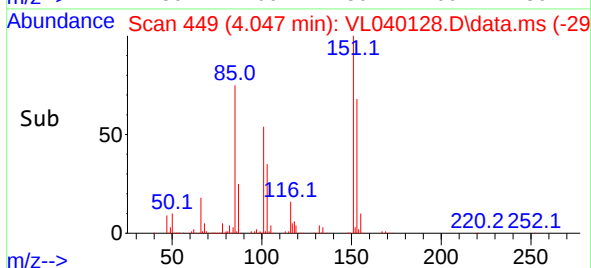
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

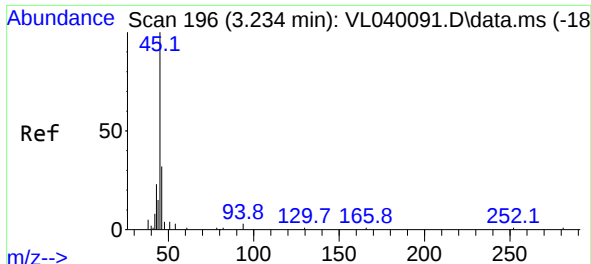


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.879 ppbv
RT: 4.047 min Scan# 449
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



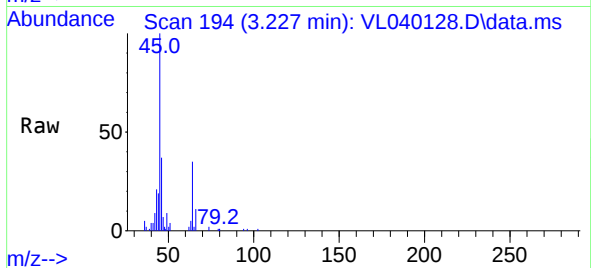
Tgt Ion:101 Resp: 1075808
Ion Ratio Lower Upper
101 100
151 71.1 53.2 79.8





#13
Ethanol
Concen: 8.227 ppbv m
RT: 3.227 min Scan# 196
Delta R.T. -0.006 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

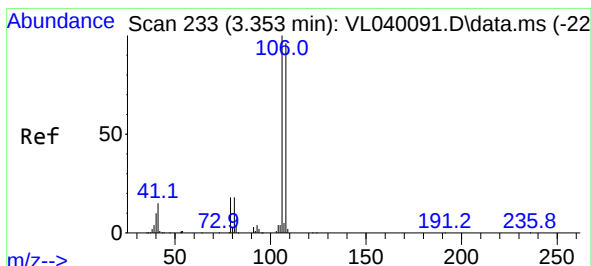
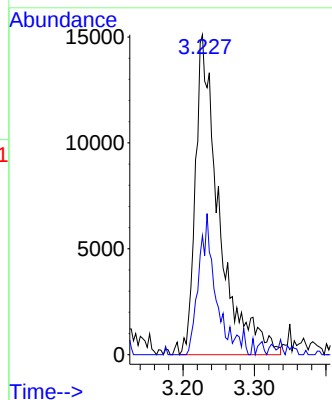
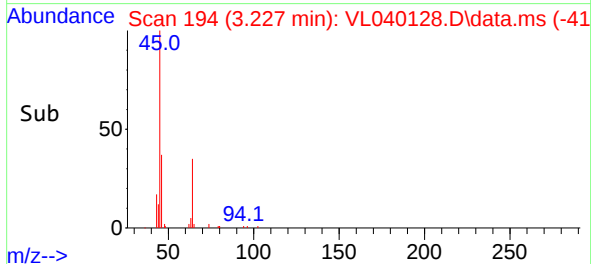
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



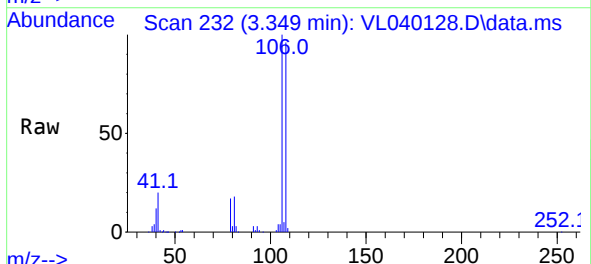
Tgt Ion: 45 Resp: 3475
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.2

Manual Integrations
APPROVED

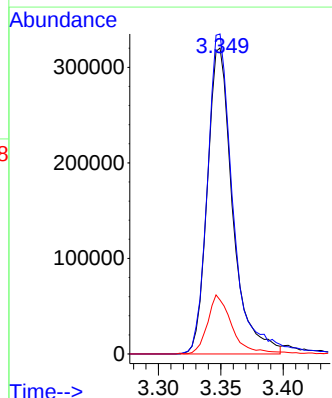
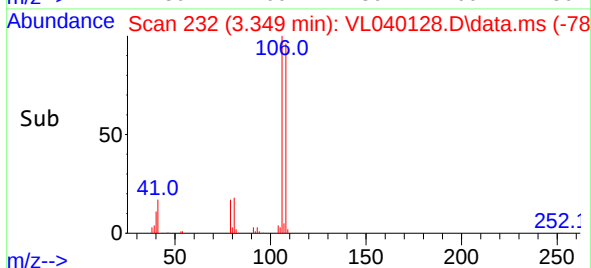
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

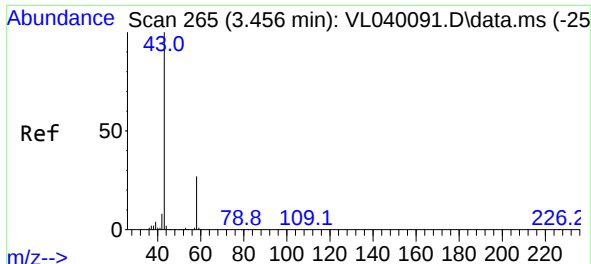


#14
Bromoethene
Concen: 10.074 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.003 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



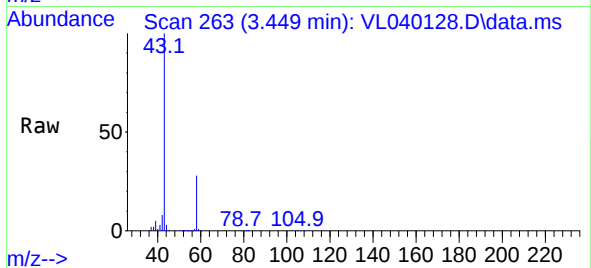
Tgt Ion:108 Resp: 453111
Ion Ratio Lower Upper
108 100
106 107.6 87.0 130.6
79 19.2 16.1 24.1





#15
Acetone
Concen: 9.523 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.007 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

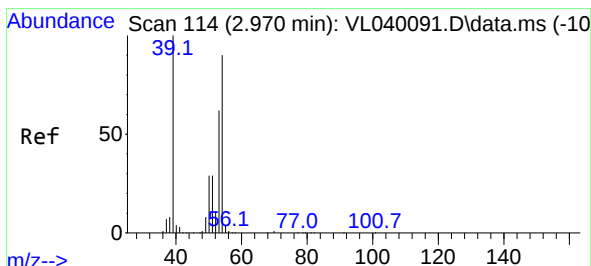
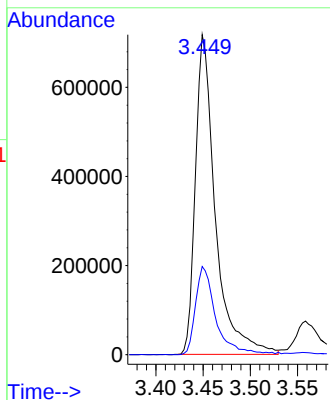
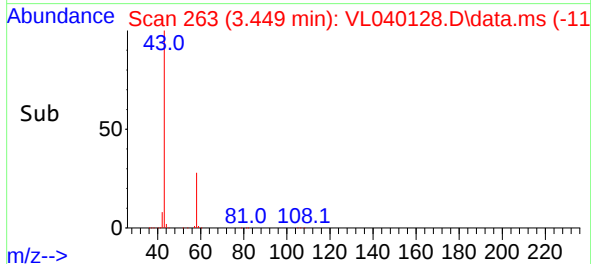
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



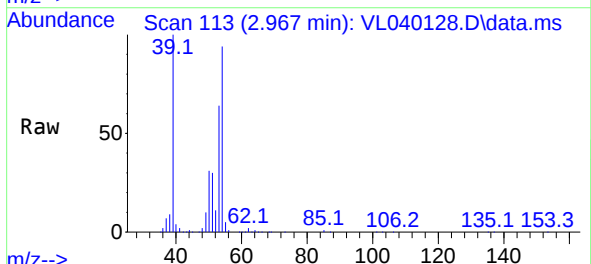
Tgt Ion: 43 Resp: 105191
Ion Ratio Lower Upper
43 100
58 29.5 21.8 32.8

Manual Integrations
APPROVED

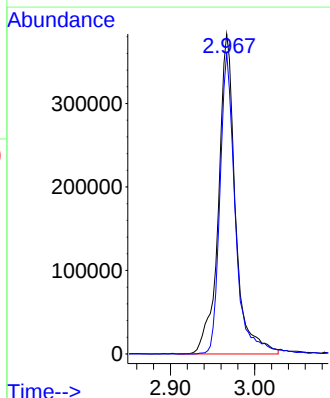
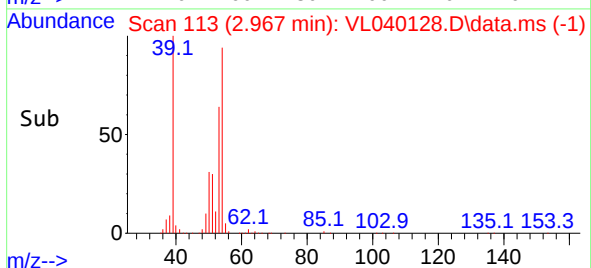
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

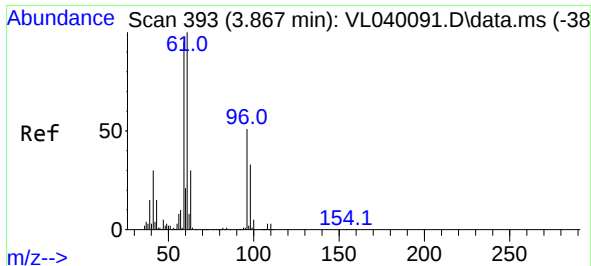


#16
1,3-Butadiene
Concen: 10.422 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.003 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



Tgt Ion: 39 Resp: 536726
Ion Ratio Lower Upper
39 100
54 86.0 67.9 101.9





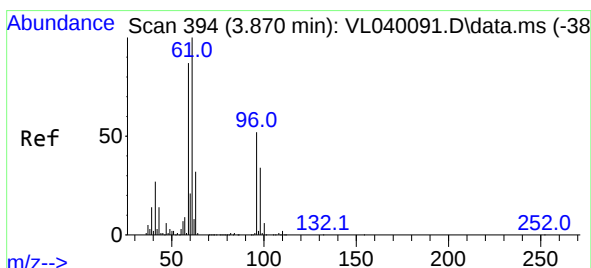
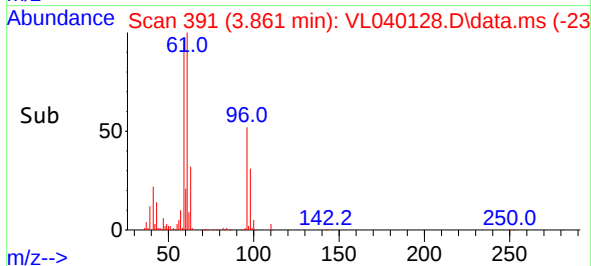
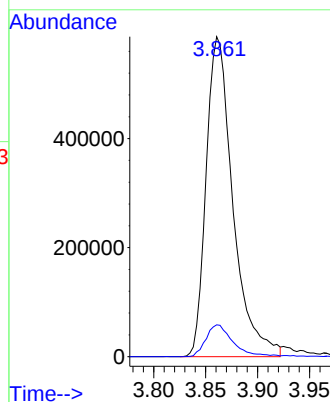
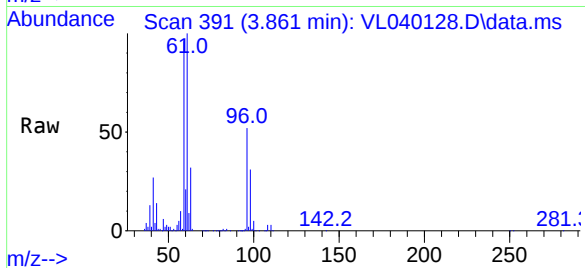
#17
tert-Butyl alcohol
Concen: 10.227 ppbv
RT: 3.861 min Scan# 391
Delta R.T. -0.006 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 105195
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

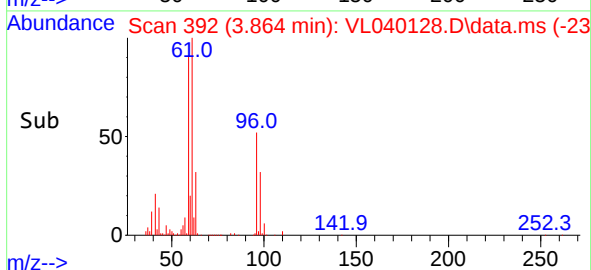
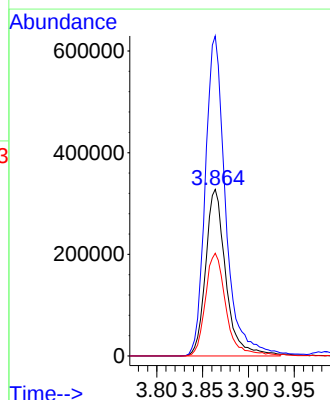
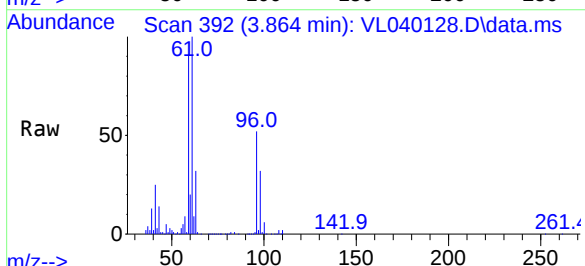
Manual Integrations
APPROVED

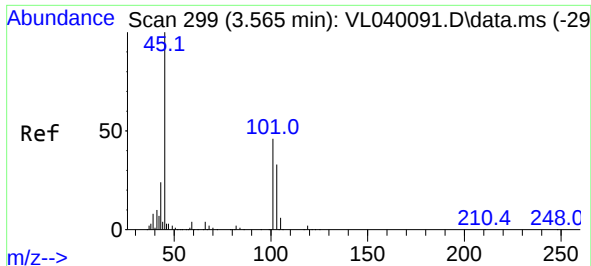
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#18
1,1-Dichloroethene
Concen: 9.553 ppbv
RT: 3.864 min Scan# 392
Delta R.T. -0.007 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

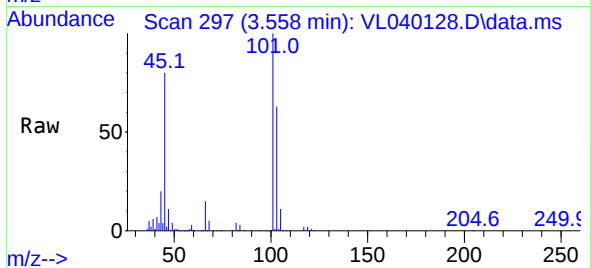
Tgt Ion: 96 Resp: 502887
Ion Ratio Lower Upper
96 100
61 192.1 153.0 229.4
98 61.6 52.7 79.1





#19
Isopropyl Alcohol
Concen: 9.762 ppbv
RT: 3.558 min Scan# 299
Delta R.T. -0.007 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

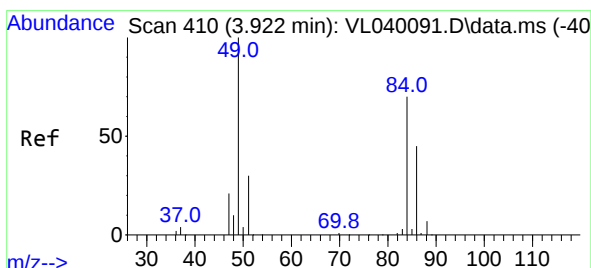
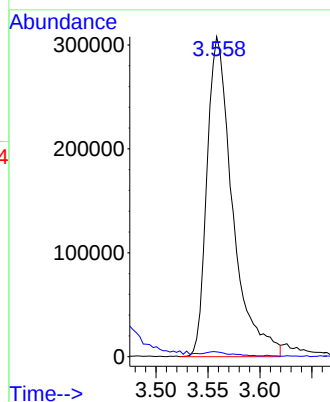
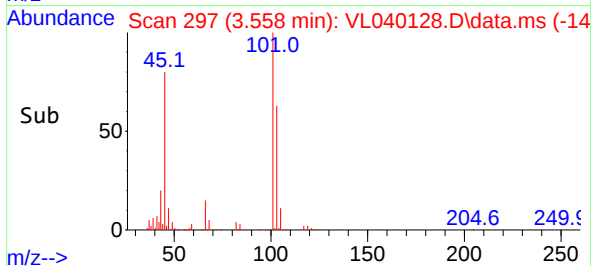
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



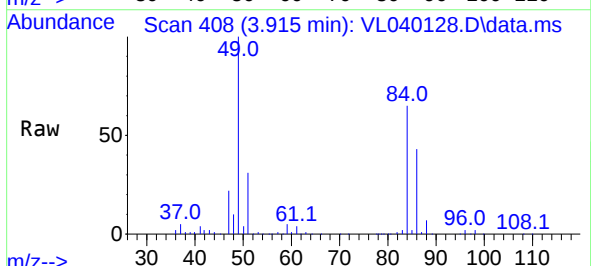
Tgt Ion: 45 Resp: 52759
Ion Ratio Lower Upper
45 100
58 2.4 2.6 4.0

Manual Integrations
APPROVED

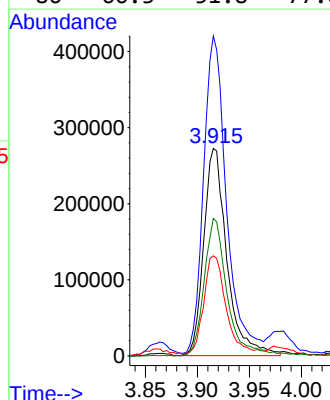
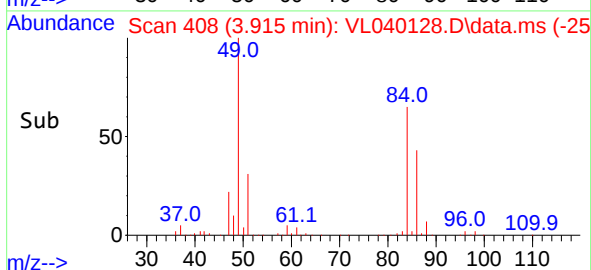
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

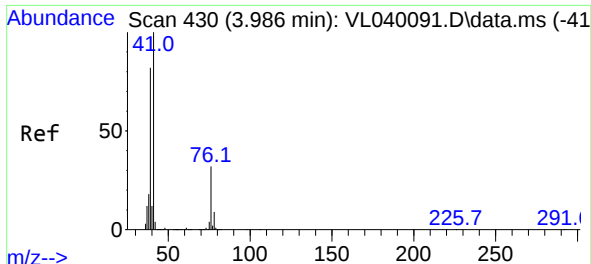


#20
Methylene Chloride
Concen: 8.669 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.007 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



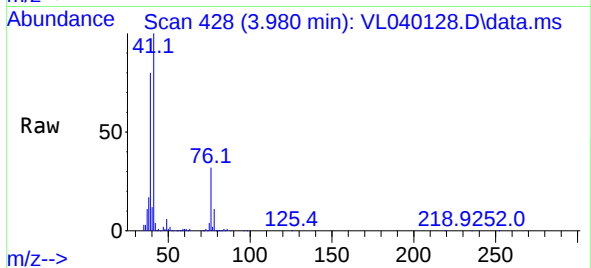
Tgt Ion: 84 Resp: 422478
Ion Ratio Lower Upper
84 100
49 153.1 114.6 171.8
51 46.9 34.3 51.5
86 66.3 51.8 77.8





#21
 Allyl Chloride
 Concen: 10.642 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

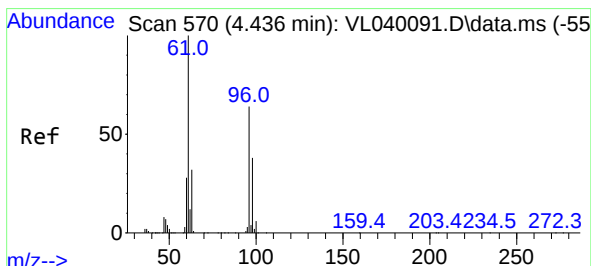
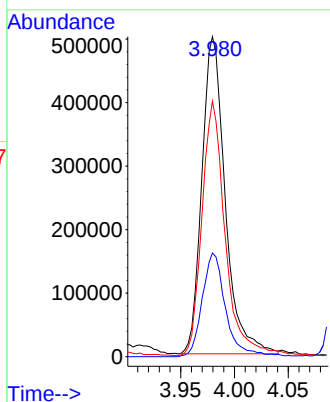
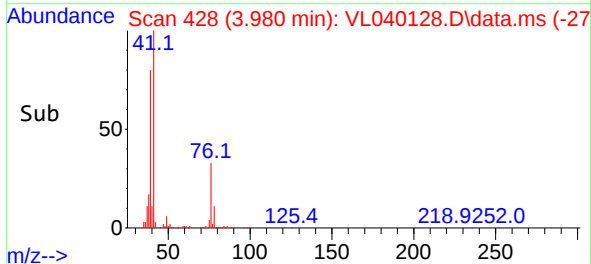
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



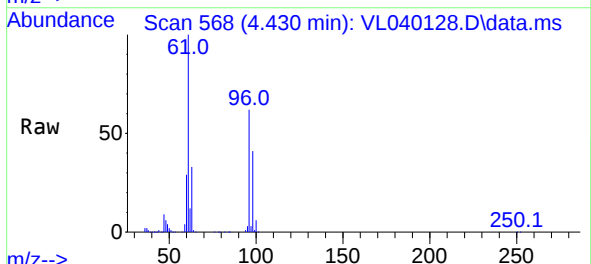
Tgt Ion: 41 Resp: 754808
 Ion Ratio Lower Upper
 41 100
 76 33.0 25.9 38.9
 39 80.2 66.8 100.2

Manual Integrations
 APPROVED

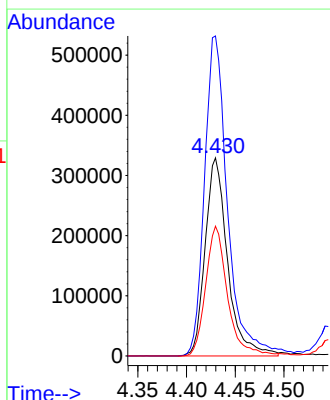
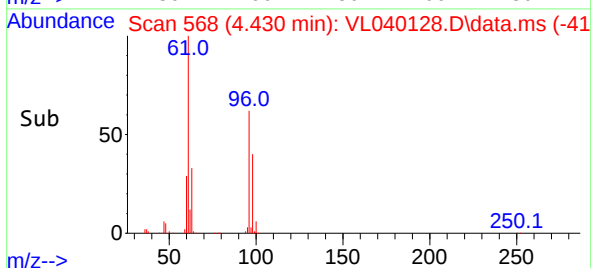
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

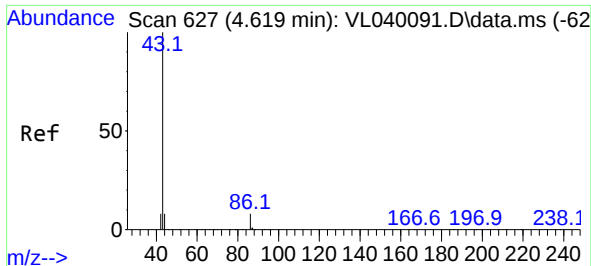


#22
 trans-1,2-Dichloroethene
 Concen: 9.810 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.007 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41



Tgt Ion: 96 Resp: 527698
 Ion Ratio Lower Upper
 96 100
 61 161.5 125.8 188.8
 98 65.5 47.4 71.2





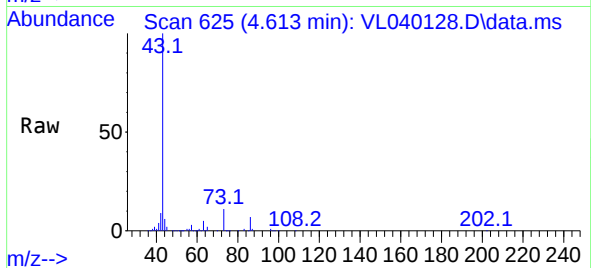
#23
 Vinyl Acetate
 Concen: 10.803 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

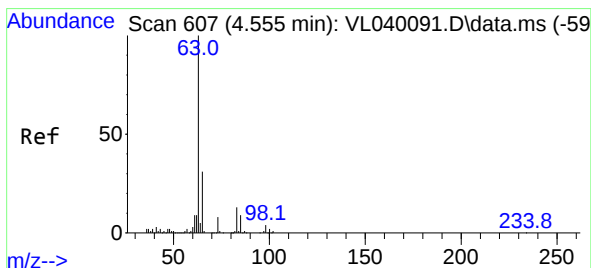
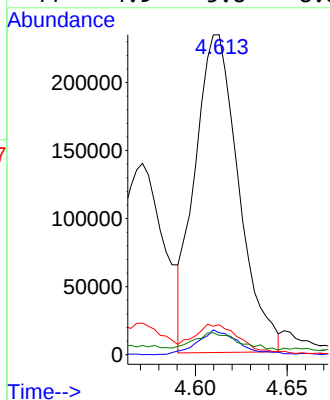
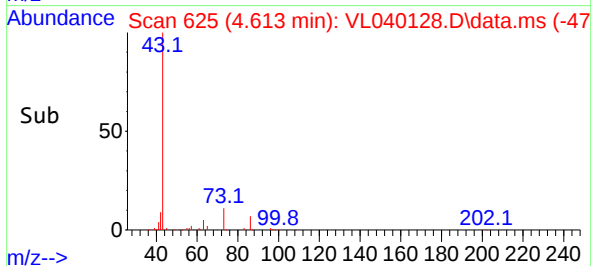


Tgt Ion: 43 Resp: 386838
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.6 8.4
 42 8.9 7.7 11.5
 44 4.9 5.8 8.8#

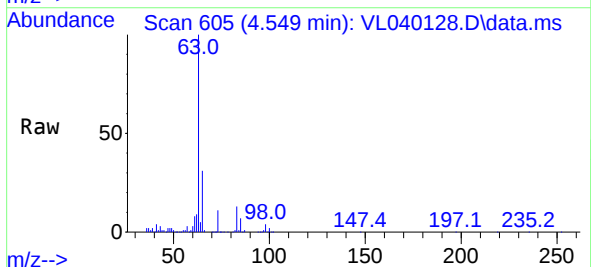
Manual Integrations

APPROVED

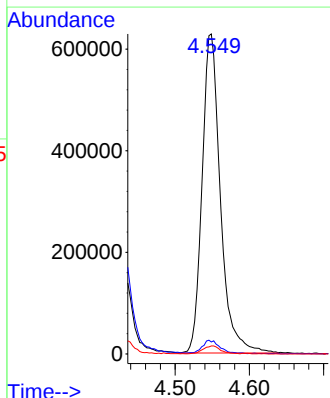
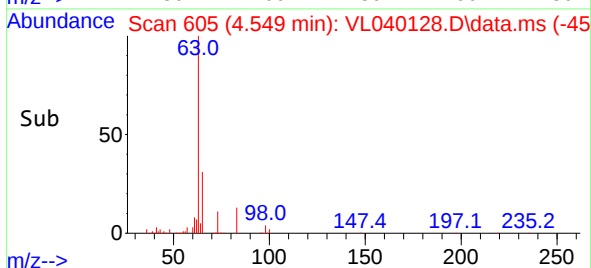
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

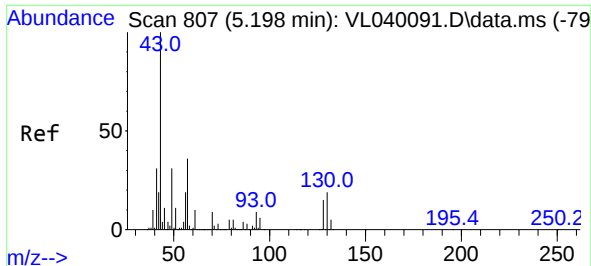


#24
 1,1-Dichloroethane
 Concen: 9.887 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.007 min
 Lab File: VL040128.D
 Acq: 30 Jan 2023 11:41



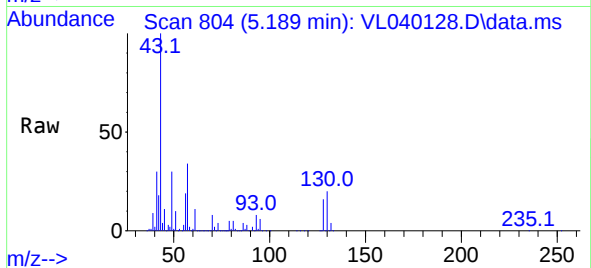
Tgt Ion: 63 Resp: 1072023
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.0 5.8
 100 2.5 1.1 3.5





#25
Ethyl Acetate
Concen: 10.938 ppbv
RT: 5.189 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

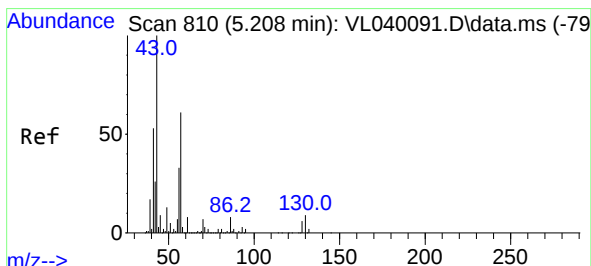
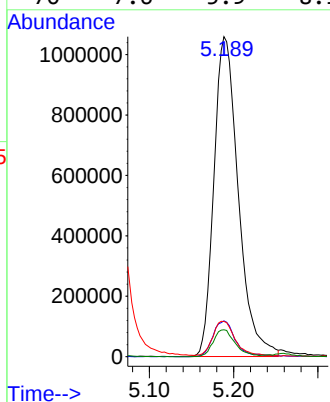
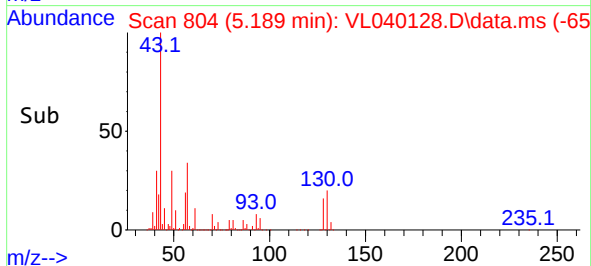


Tgt Ion: 43 Resp: 212849

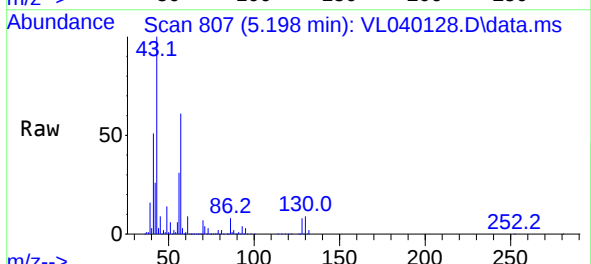
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.5	12.7
61	10.8	8.4	12.6
70	7.6	5.9	8.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

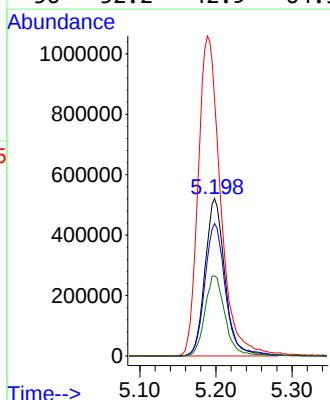
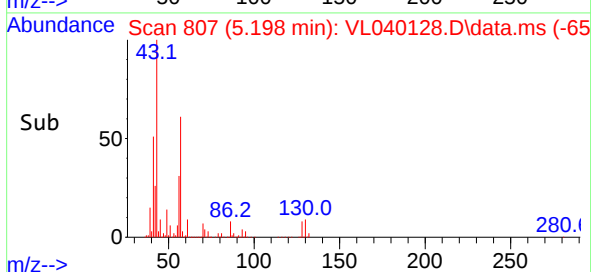


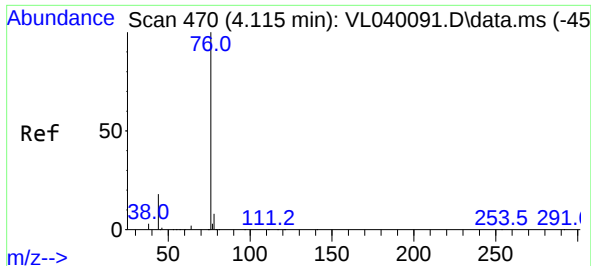
#26
Hexane
Concen: 11.095 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



Tgt Ion: 57 Resp: 944896

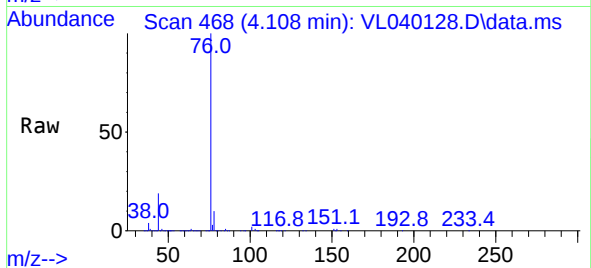
Ion	Ratio	Lower	Upper
57	100		
41	88.5	72.2	108.4
43	229.1	192.1	288.1
56	52.2	42.9	64.3





#27
Carbon Disulfide
Concen: 12.240 ppbv
RT: 4.108 min Scan# 410
Delta R.T. -0.007 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

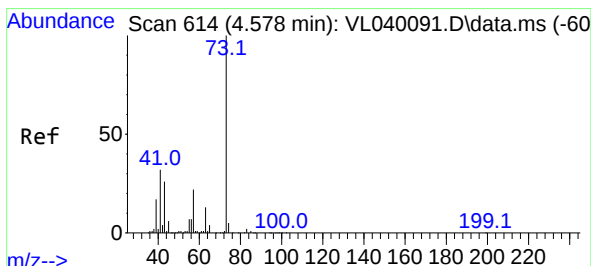
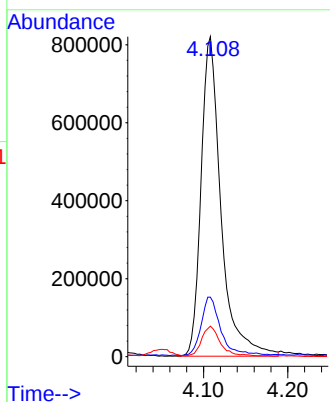
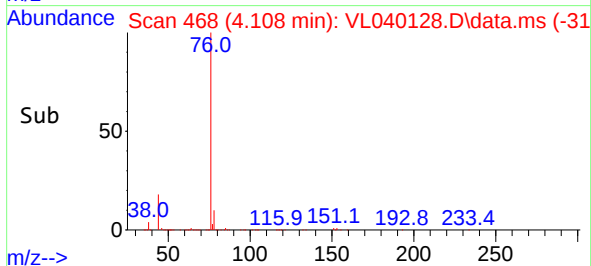
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1350394
Ion Ratio Lower Upper
76 100
44 18.4 14.9 22.3
78 9.6 8.2 12.2

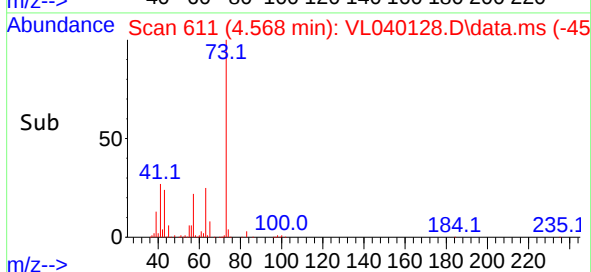
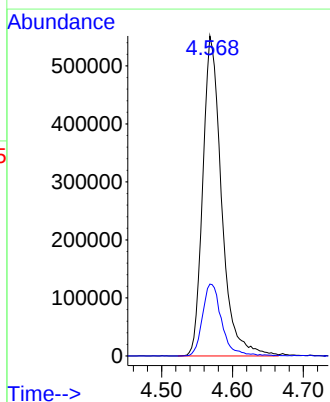
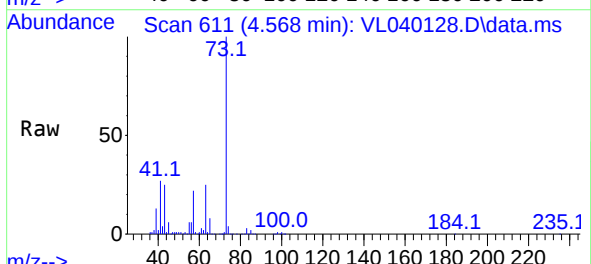
Manual Integrations
APPROVED

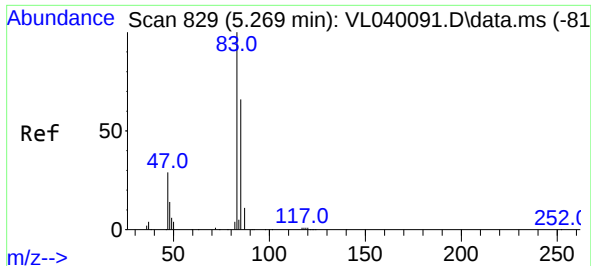
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#28
Methyl tert-Butyl Ether
Concen: 10.578 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion: 73 Resp: 1013461
Ion Ratio Lower Upper
73 100
57 23.1 18.3 27.5





#29

Chloroform

Concen: 10.978 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1494784

Ion Ratio Lower Upper

83 100

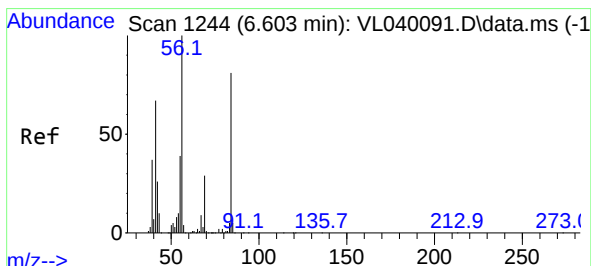
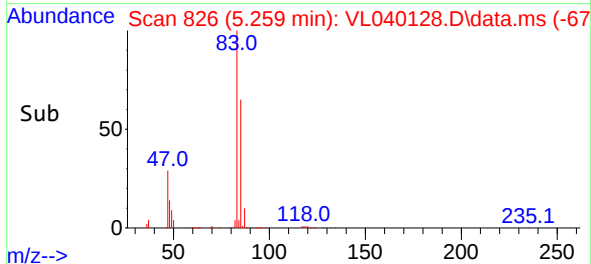
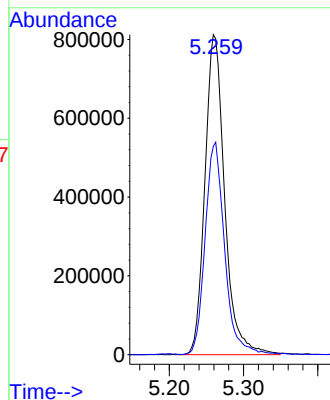
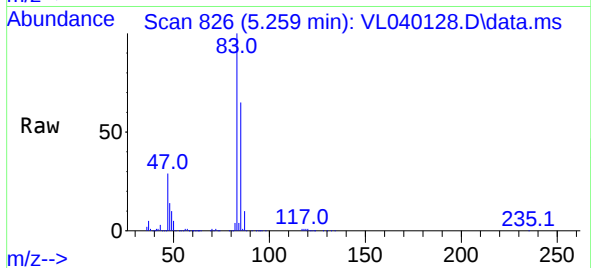
85 65.0 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#30

Cyclohexane

Concen: 11.850 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

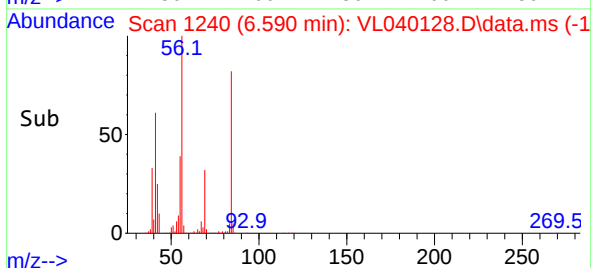
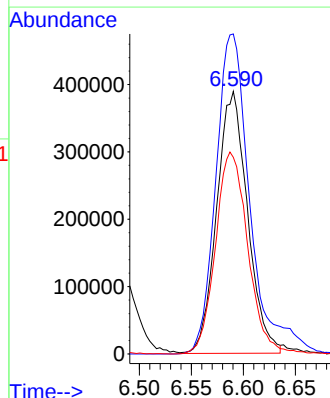
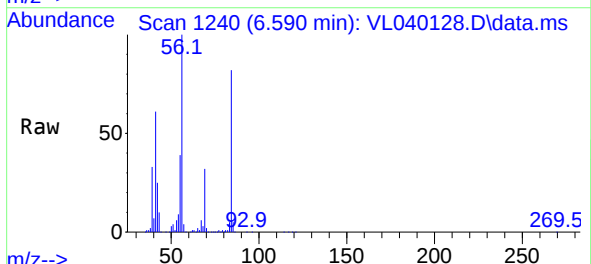
Tgt Ion: 84 Resp: 802279

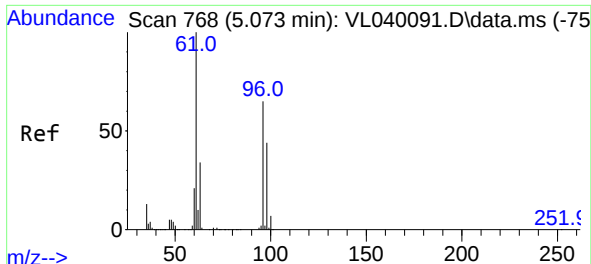
Ion Ratio Lower Upper

84 100

56 136.4 111.5 167.3

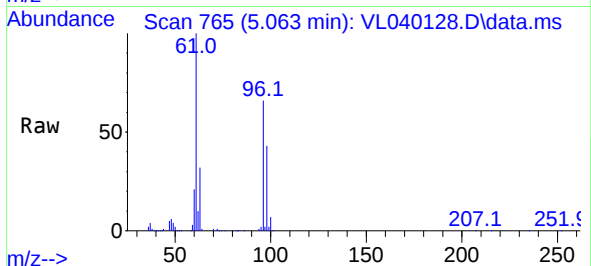
41 81.4 71.4 107.0





#31
cis-1,2-Dichloroethene
Concen: 10.071 ppbv
RT: 5.063 min Scan# 70
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

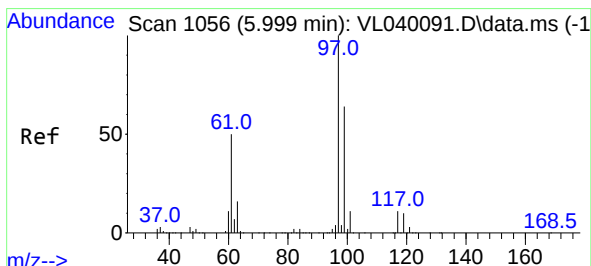
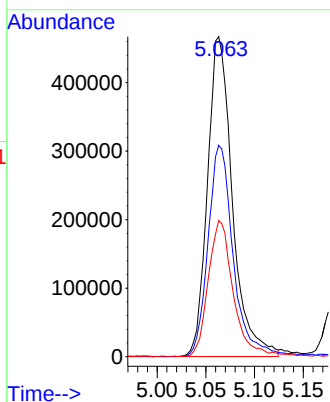
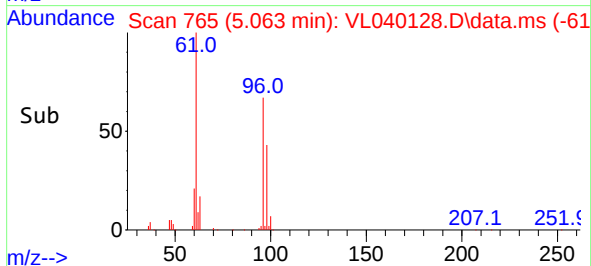
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



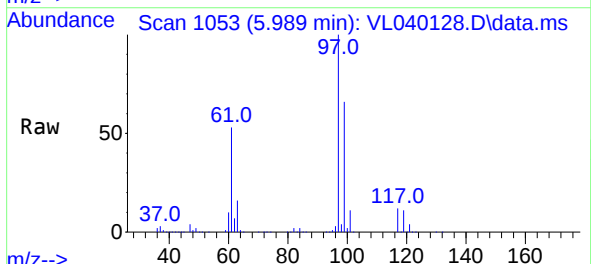
Tgt Ion: 61 Resp: 83032
Ion Ratio Lower Upper
61 100
96 66.0 52.0 78.0
98 42.5 35.3 52.9

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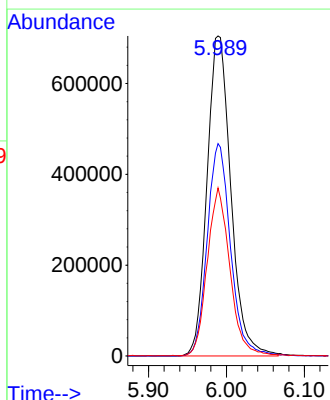
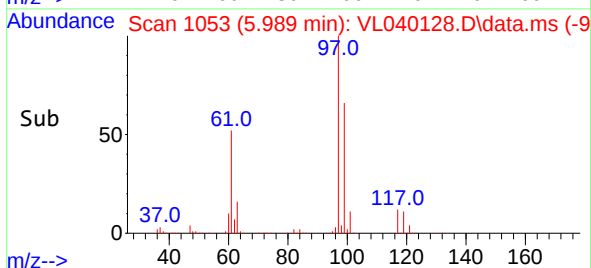
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

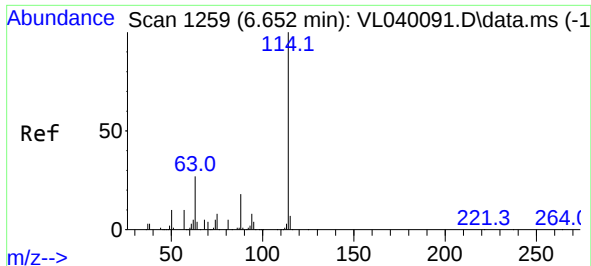


#32
1,1,1-Trichloroethane
Concen: 10.845 ppbv
RT: 5.989 min Scan# 1053
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



Tgt Ion: 97 Resp: 1500950
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.6
61 50.2 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040128.D

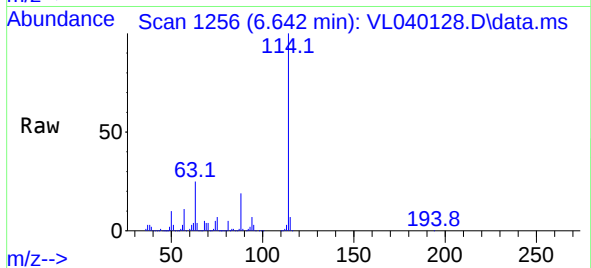
Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:114 Resp: 2539084

Ion Ratio Lower Upper

114 100

63 24.3 21.8 32.8

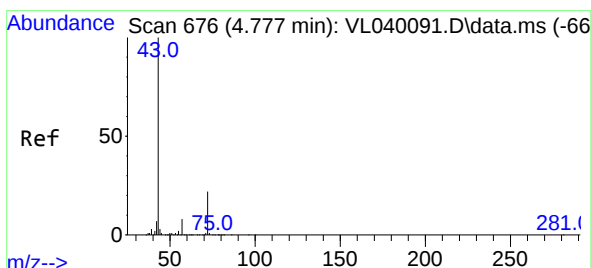
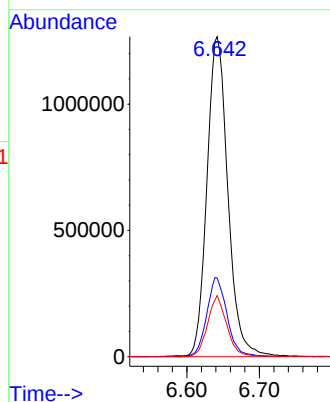
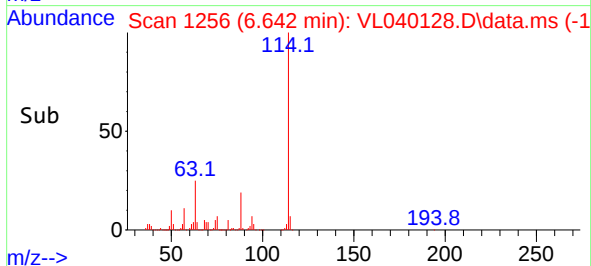
88 17.6 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#34

2-Butanone

Concen: 9.944 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.007 min

Lab File: VL040128.D

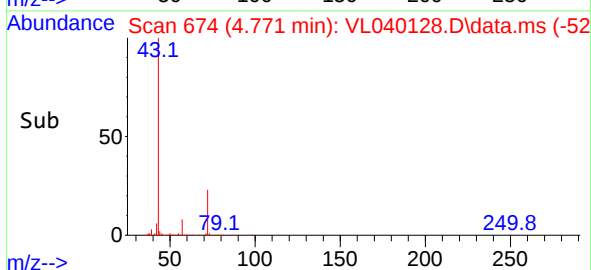
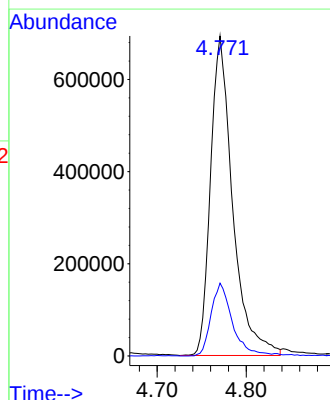
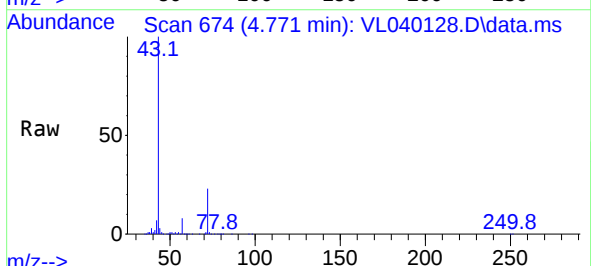
Acq: 30 Jan 2023 11:41

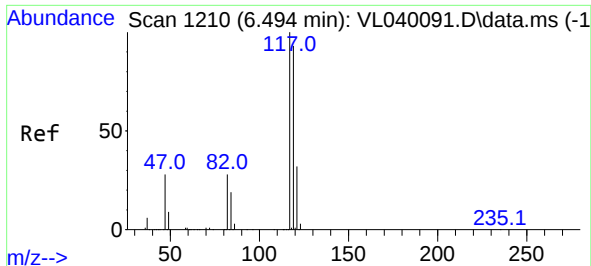
Tgt Ion: 43 Resp: 1194229

Ion Ratio Lower Upper

43 100

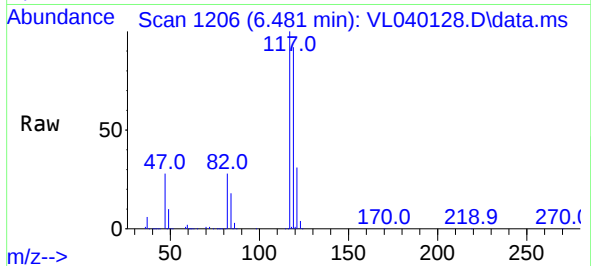
72 22.7 18.4 27.6





#35
Carbon Tetrachloride
Concen: 11.077 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

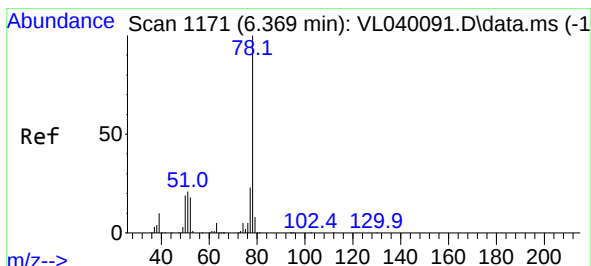
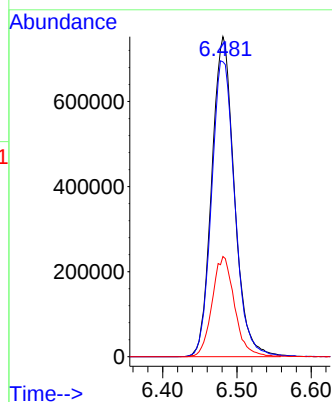
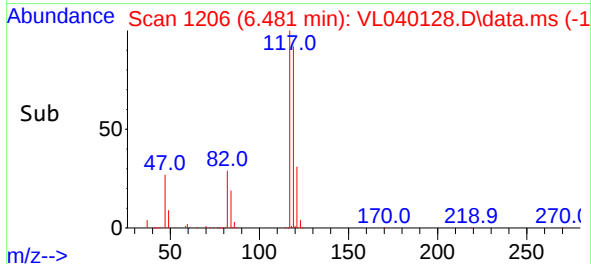
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



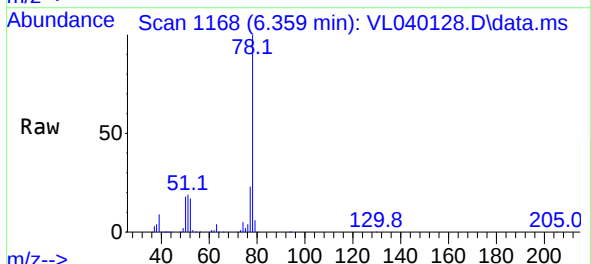
Tgt Ion: 117 Resp: 159024
Ion Ratio Lower Upper
117 100
119 92.1 74.5 111.7
121 31.3 25.4 38.0

Manual Integrations
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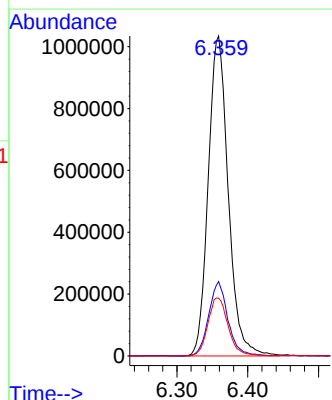
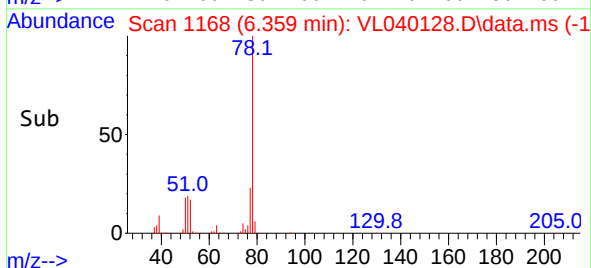
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

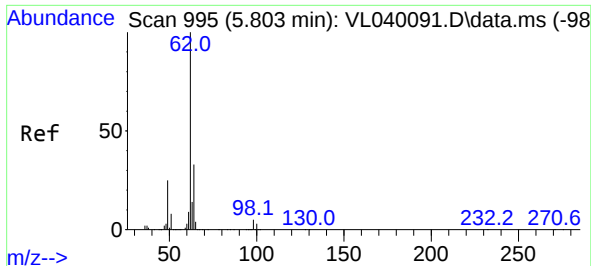


#36
Benzene
Concen: 10.792 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



Tgt Ion: 78 Resp: 2027818
Ion Ratio Lower Upper
78 100
77 23.3 18.1 27.1
50 18.0 15.6 23.4





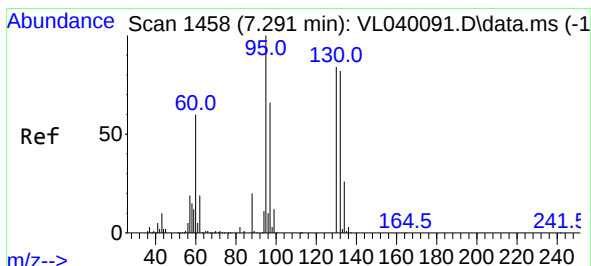
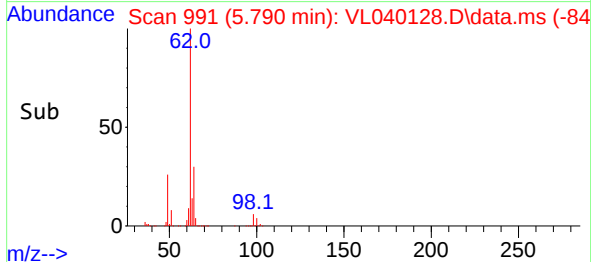
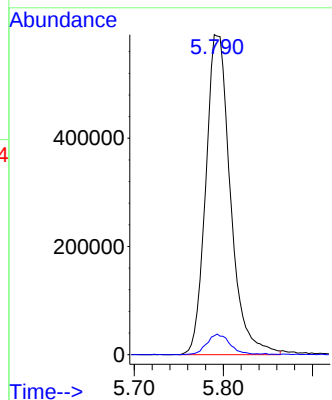
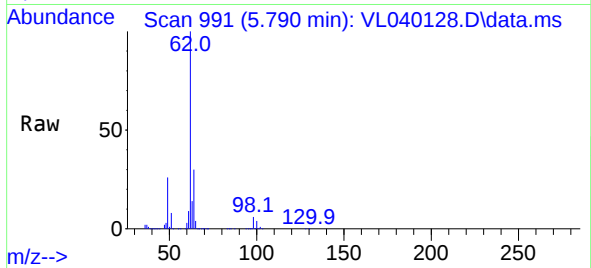
#37
1,2-Dichloroethane
Concen: 9.406 ppbv
RT: 5.790 min Scan# 995
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1136054
Ion Ratio Lower Upper
62 100
98 6.2 4.4 6.6

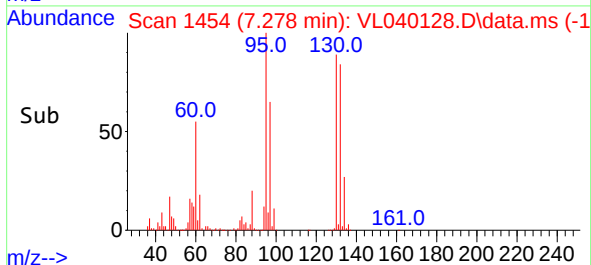
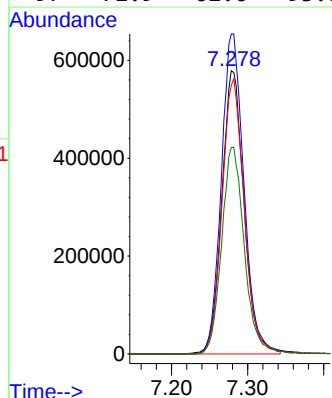
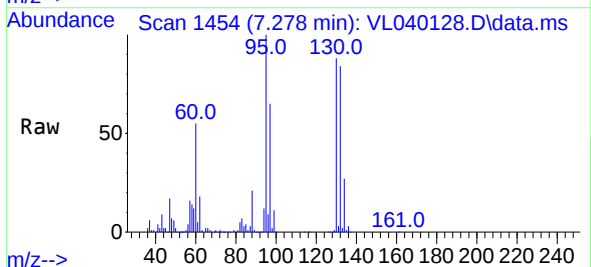
Manual Integrations
APPROVED

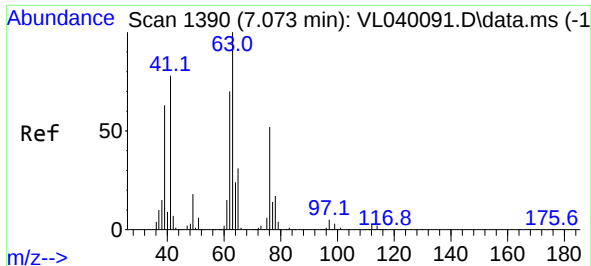
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#38
Trichloroethene
Concen: 11.036 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Tgt Ion:130 Resp: 1176843
Ion Ratio Lower Upper
130 100
95 113.0 95.0 142.6
132 94.8 77.9 116.9
97 72.9 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.387 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 76338

Ion Ratio Lower Upper

63 100

41 69.7 62.2 93.4

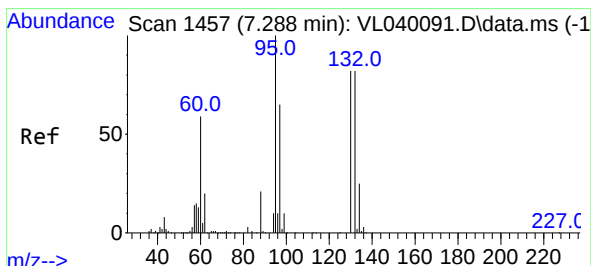
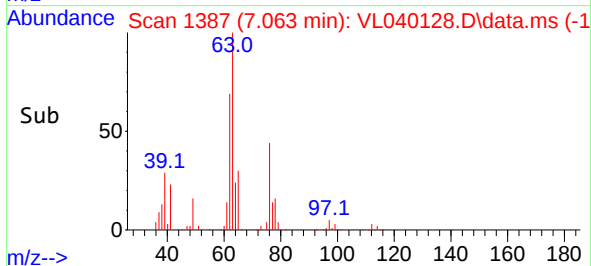
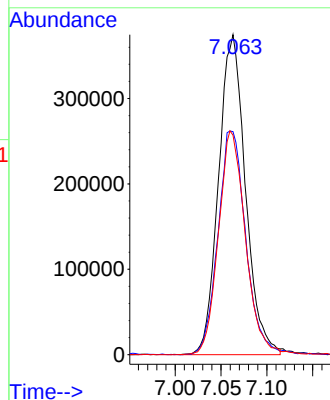
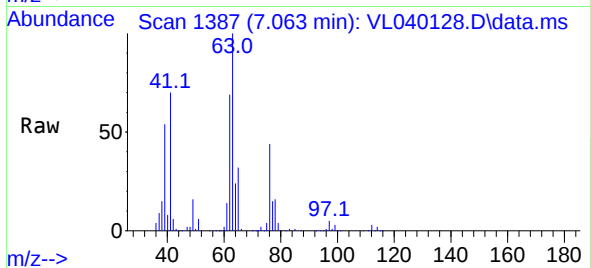
62 68.5 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#40

1,4-Dioxane

Concen: 10.412 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Tgt Ion: 88 Resp: 303679

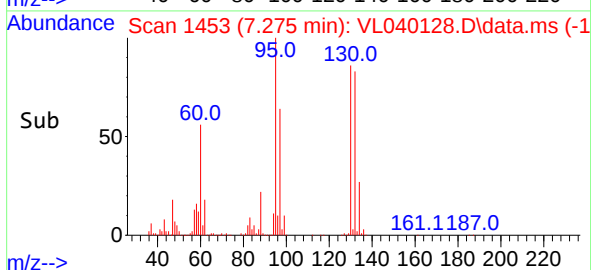
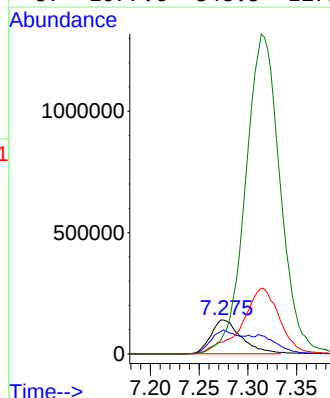
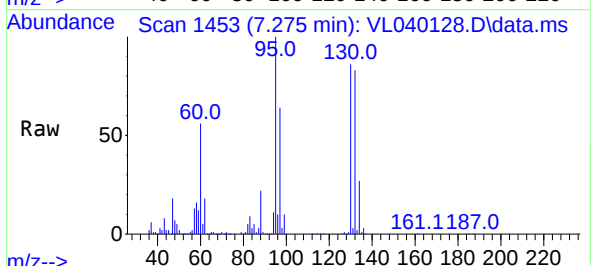
Ion Ratio Lower Upper

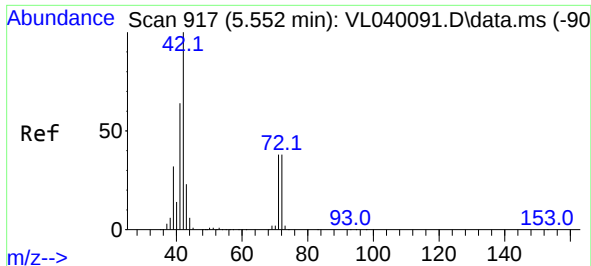
88 100

58 120.9 97.5 146.3

43 241.0 195.0 292.4

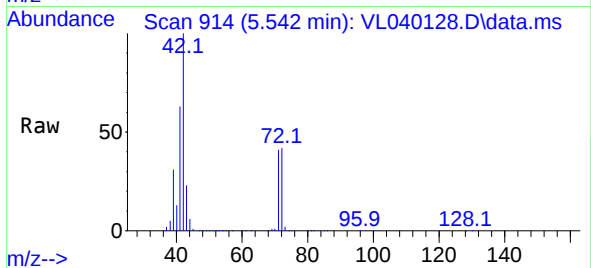
57 1077.6 848.5 1272.7





#41
Tetrahydrofuran
Concen: 11.200 ppbv
RT: 5.542 min Scan# 914
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

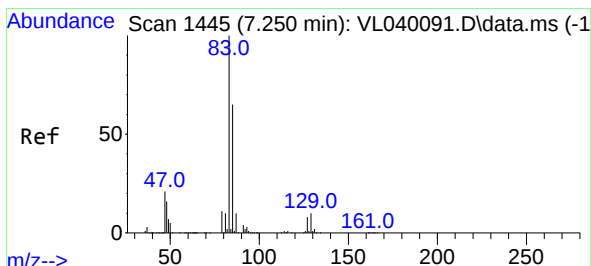
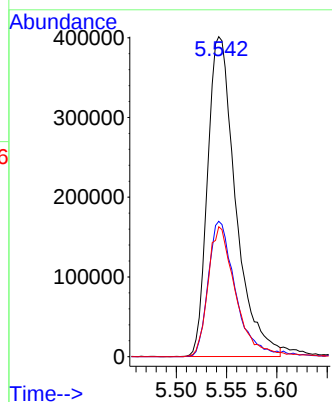
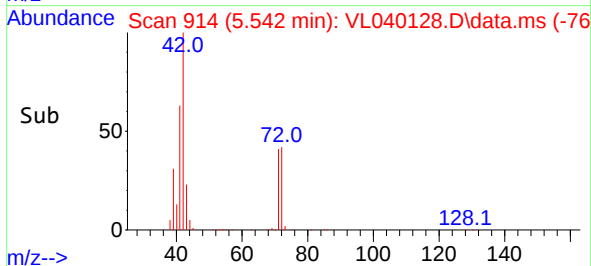
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



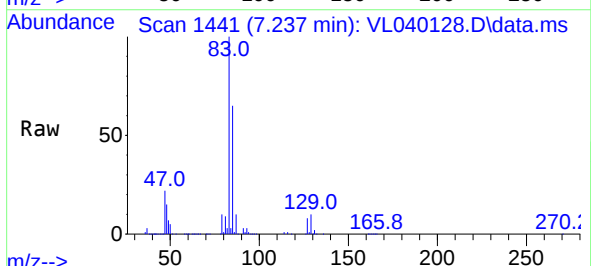
Tgt Ion: 42 Resp: 77637
Ion Ratio Lower Upper
42 100
72 42.1 31.9 47.9
71 40.6 31.4 47.2

Manual Integrations
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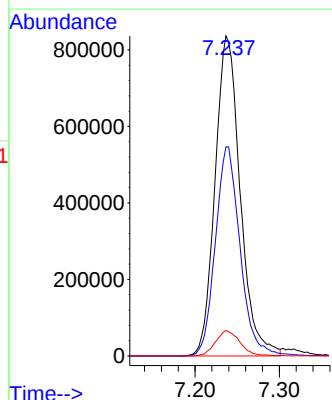
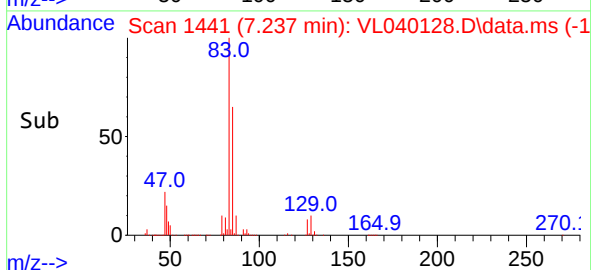
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

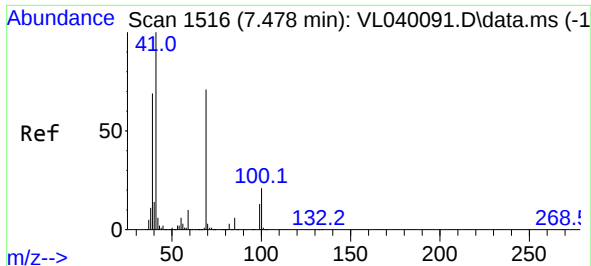


#42
Bromodichloromethane
Concen: 10.624 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



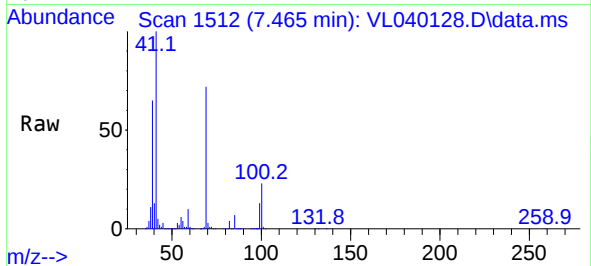
Tgt Ion: 83 Resp: 1732614
Ion Ratio Lower Upper
83 100
85 65.4 51.7 77.5
127 8.0 6.2 9.2





#43
Methyl Methacrylate
Concen: 11.742 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

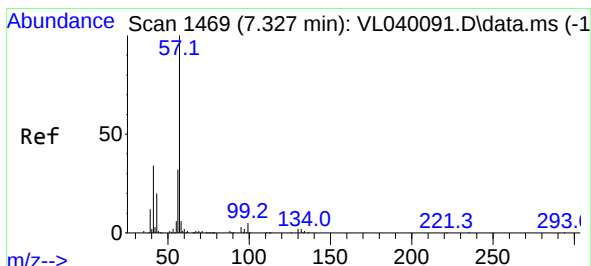
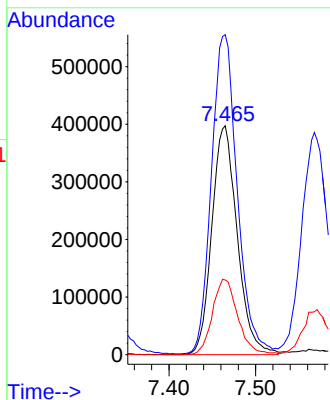
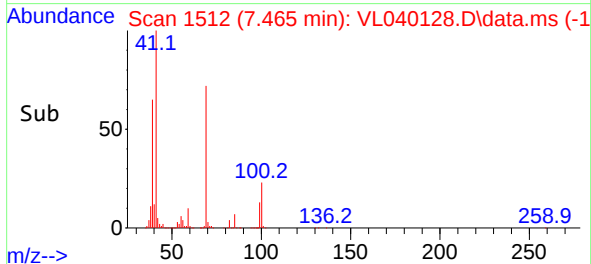
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



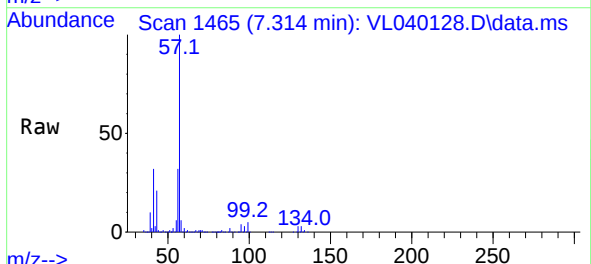
Tgt Ion: 69 Resp: 809644
Ion Ratio Lower Upper
69 100
41 142.7 118.2 177.2
100 32.8 24.2 36.4

Manual Integrations
APPROVED

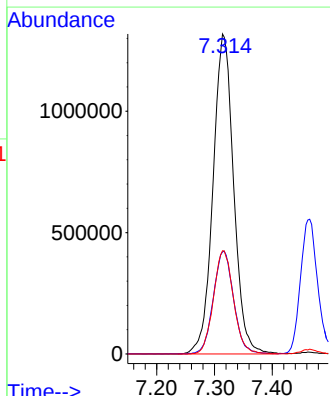
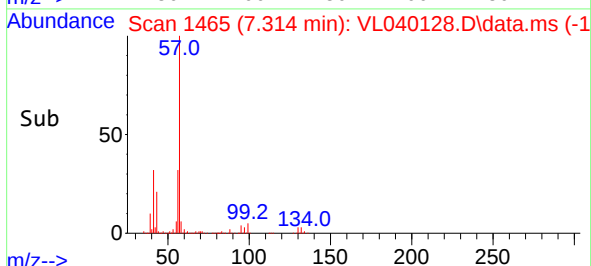
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

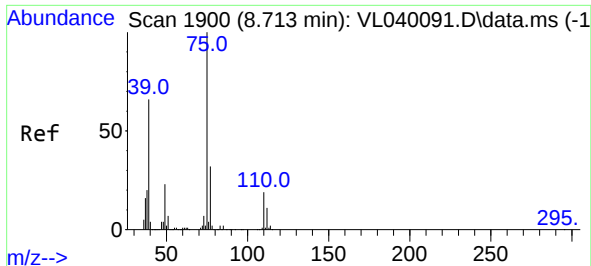


#44
2,2,4-Trimethylpentane
Concen: 10.463 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



Tgt Ion: 57 Resp: 3269600
Ion Ratio Lower Upper
57 100
41 31.6 27.1 40.7
56 31.5 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 13.193 ppbv

RT: 8.700 min Scan# 1719

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 811150

Ion Ratio Lower Upper

75 100

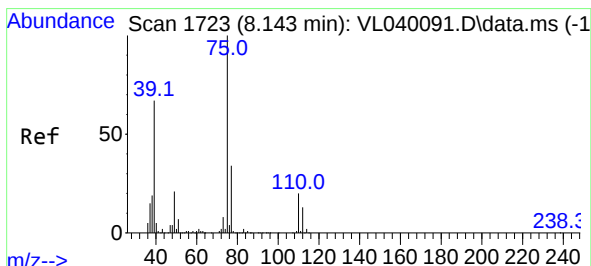
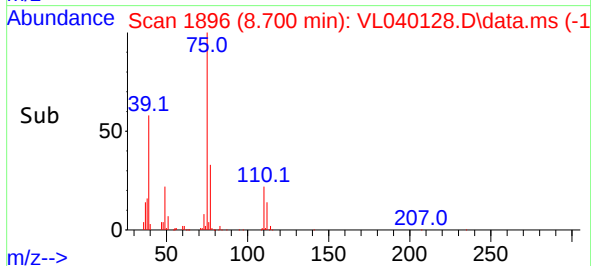
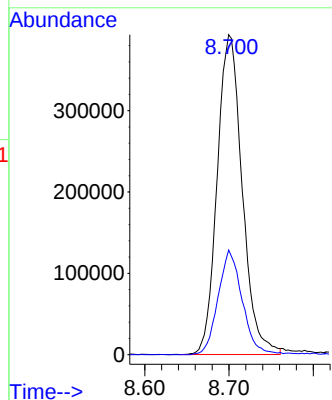
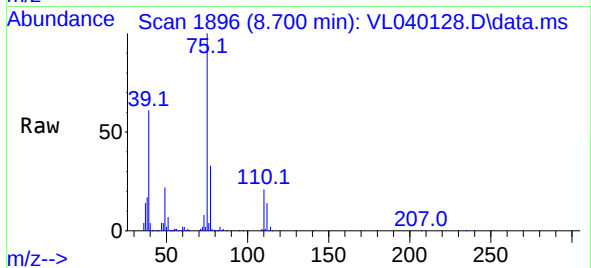
77 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#46

cis-1,3-Dichloropropene

Concen: 12.891 ppbv

RT: 8.130 min Scan# 1719

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

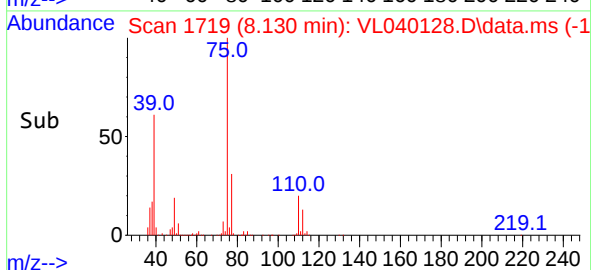
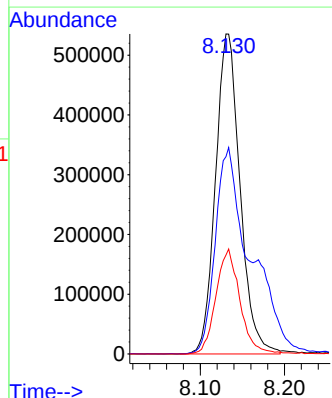
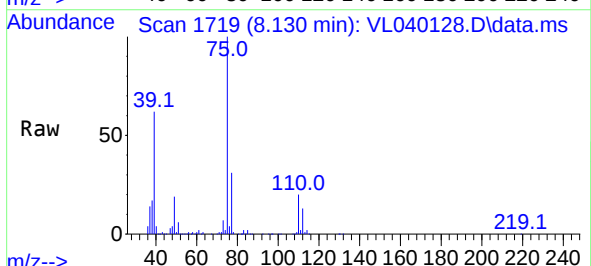
Tgt Ion: 75 Resp: 1083095

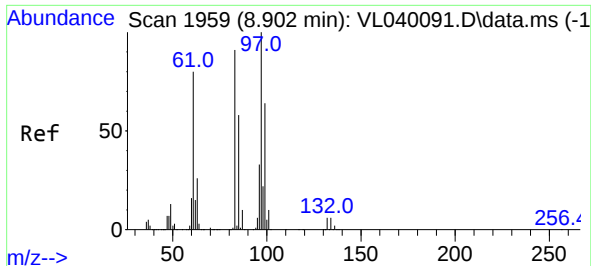
Ion Ratio Lower Upper

75 100

39 61.6 53.6 80.4

77 30.9 26.9 40.3





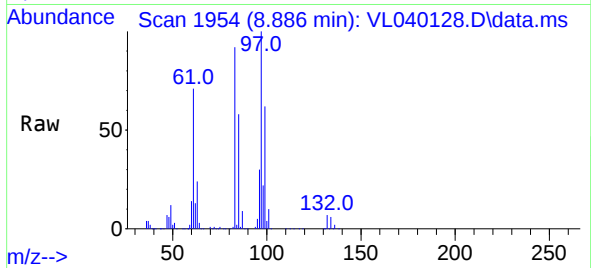
#47
1,1,2-Trichloroethane
Concen: 10.790 ppbv
RT: 8.886 min Scan# 1954
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

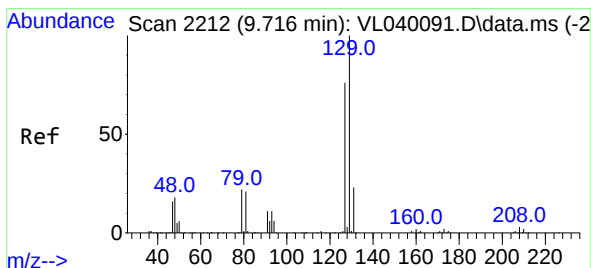
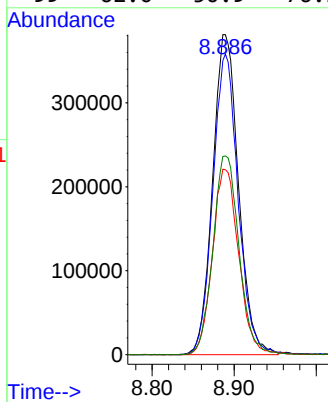
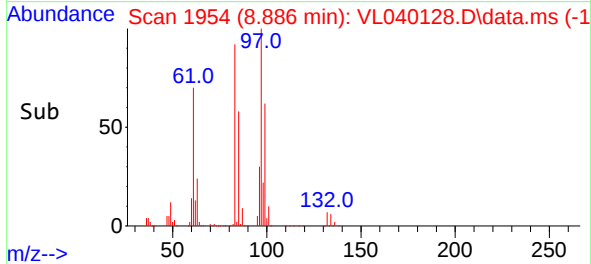


Tgt Ion: 97 Resp: 834929
Ion Ratio Lower Upper
97 100
83 91.9 72.9 109.3
85 57.9 46.0 69.0
99 62.0 50.9 76.3

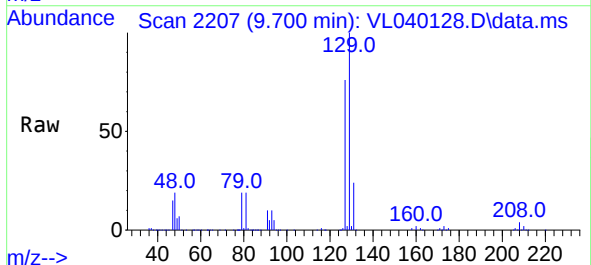
Manual Integrations

APPROVED

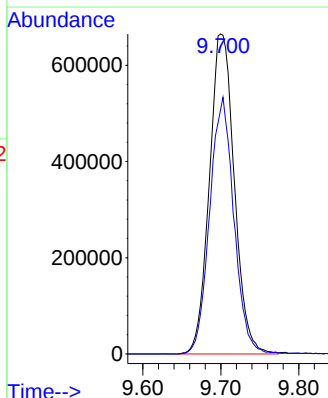
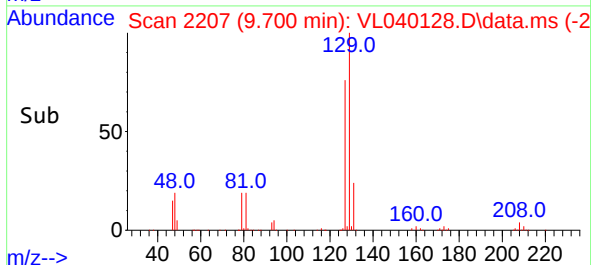
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

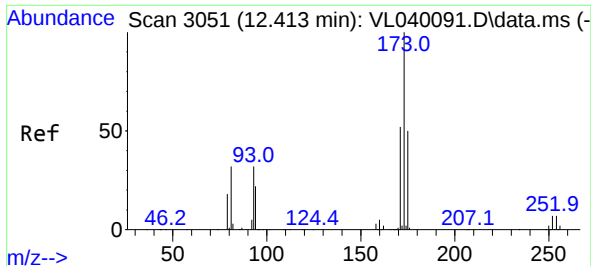


#48
Dibromochloromethane
Concen: 11.903 ppbv
RT: 9.700 min Scan# 2207
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



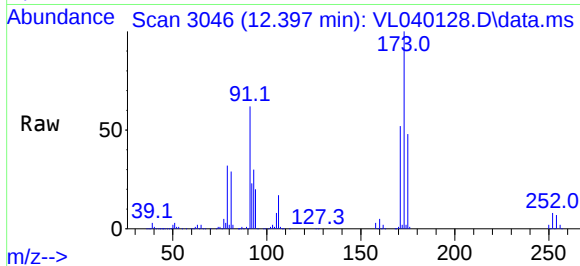
Tgt Ion:129 Resp: 1480326
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.9





#49
Bromoform
Concen: 12.589 ppbv
RT: 12.397 min Scan# 3051
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

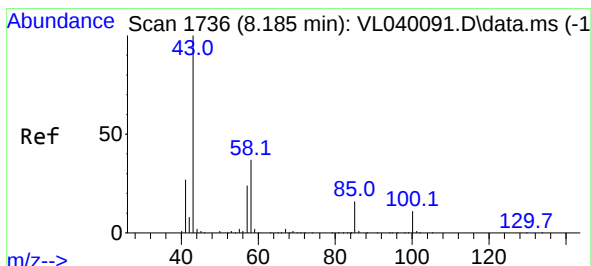
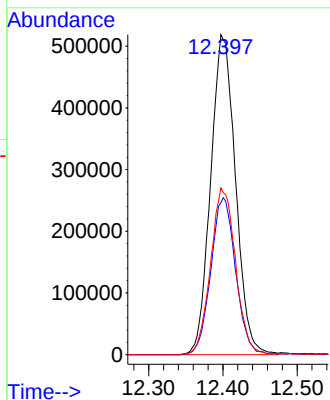
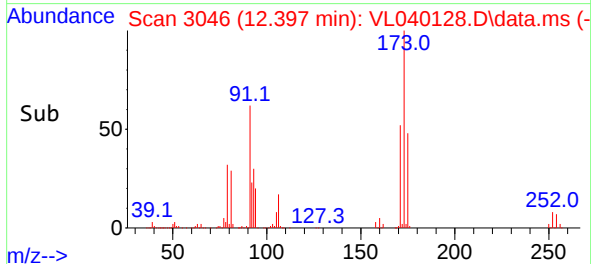
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



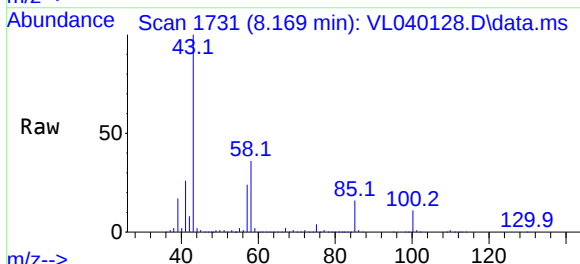
Tgt Ion:173 Resp: 1206064
Ion Ratio Lower Upper
173 100
175 49.0 39.7 59.5
171 52.6 42.2 63.2

Manual Integrations
APPROVED

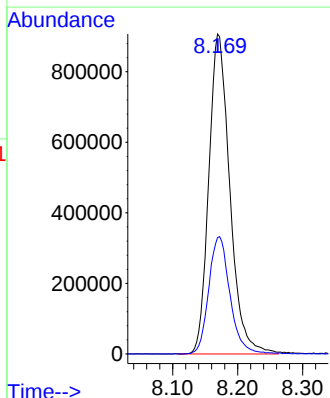
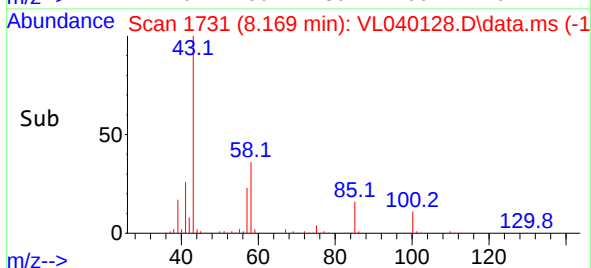
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

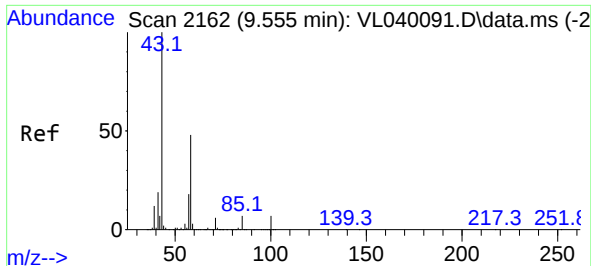


#50
4-Methyl-2-Pentanone
Concen: 10.809 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



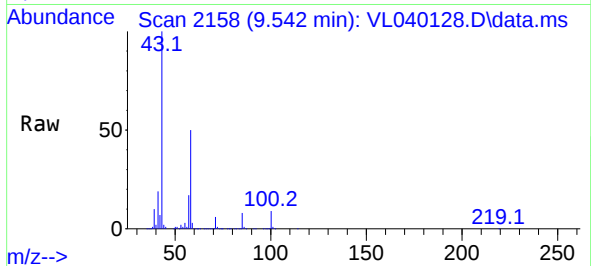
Tgt Ion: 43 Resp: 2041912
Ion Ratio Lower Upper
43 100
58 37.1 28.8 43.2





#51
2-Hexanone
Concen: 11.200 ppbv
RT: 9.542 min Scan# 2162
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

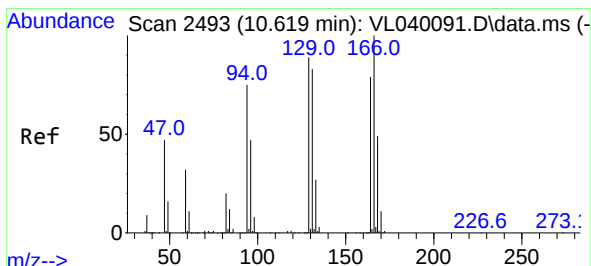
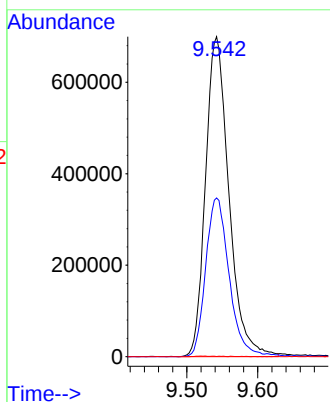
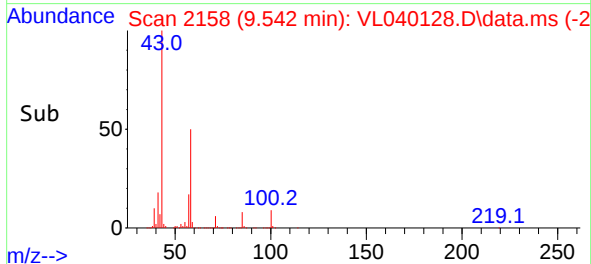
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



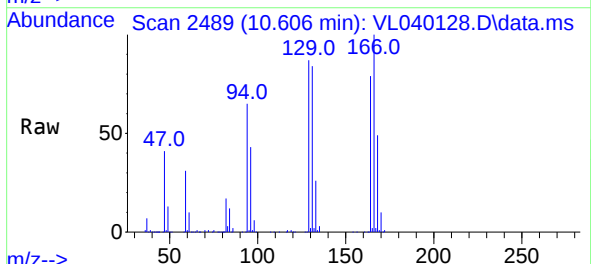
Tgt Ion: 43 Resp: 1602870
Ion Ratio Lower Upper
43 100
58 50.0 37.5 56.3
98 0.1 0.4 0.6

Manual Integrations
APPROVED

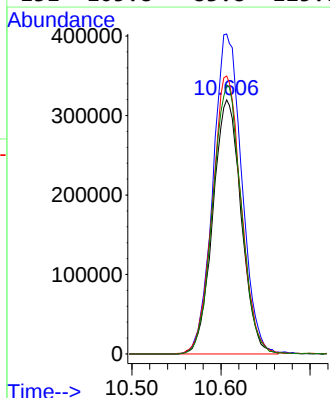
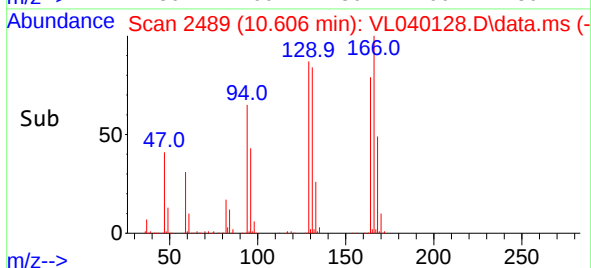
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

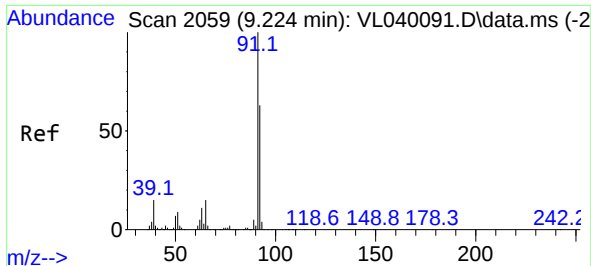


#52
Tetrachloroethene
Concen: 11.512 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



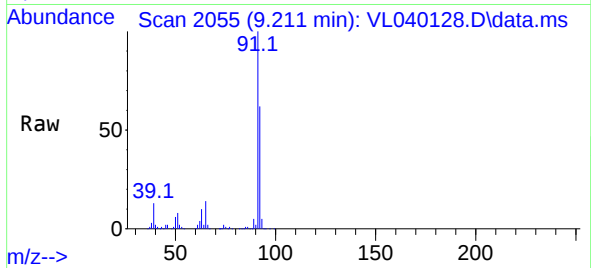
Tgt Ion:164 Resp: 707651
Ion Ratio Lower Upper
164 100
166 125.9 101.2 151.8
129 109.1 90.2 135.2
131 105.8 83.8 125.8





#53
Toluene
Concen: 11.683 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

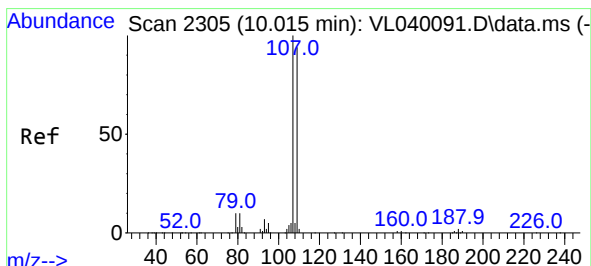
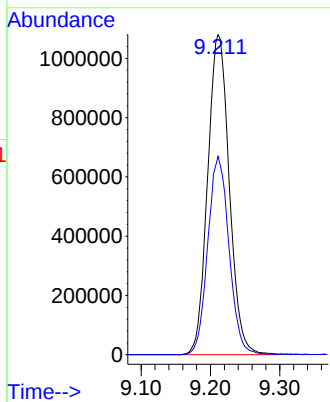
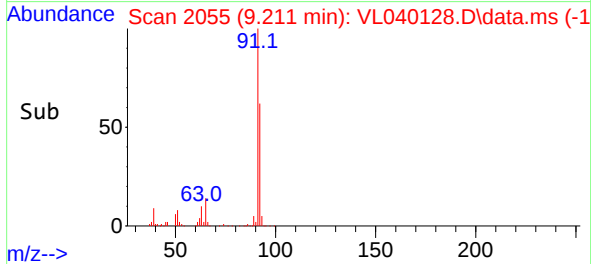
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



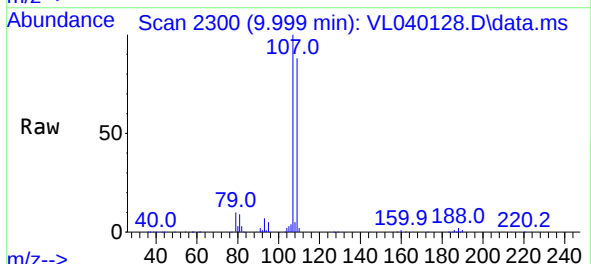
Tgt Ion: 91 Resp: 2341320
Ion Ratio Lower Upper
91 100
92 61.0 48.3 72.5

Manual Integrations
APPROVED

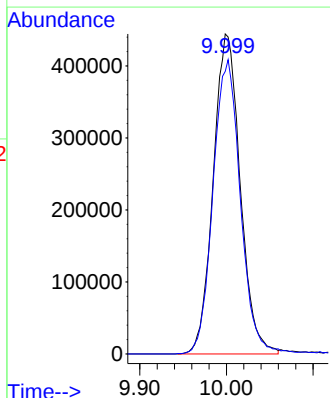
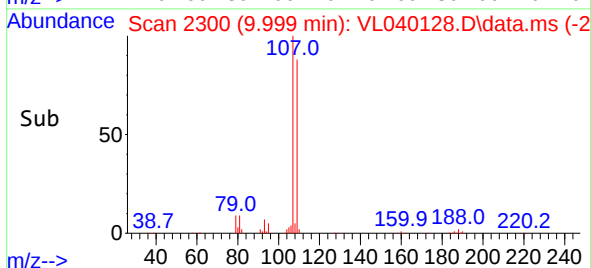
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

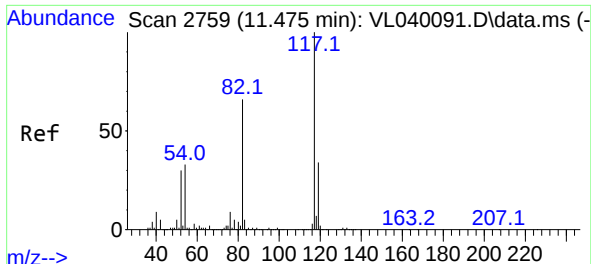


#54
1,2-Dibromoethane
Concen: 11.875 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



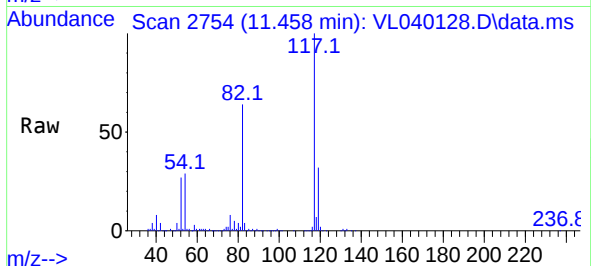
Tgt Ion:107 Resp: 961989
Ion Ratio Lower Upper
107 100
109 88.1 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.458 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

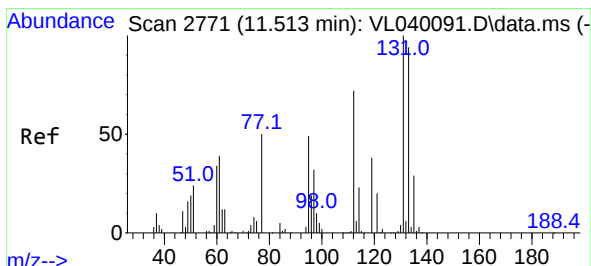
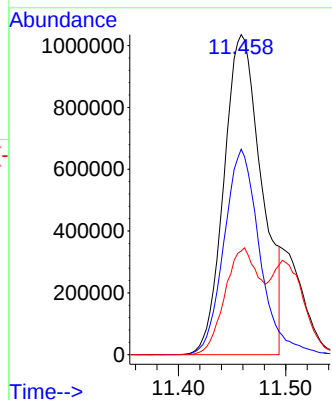
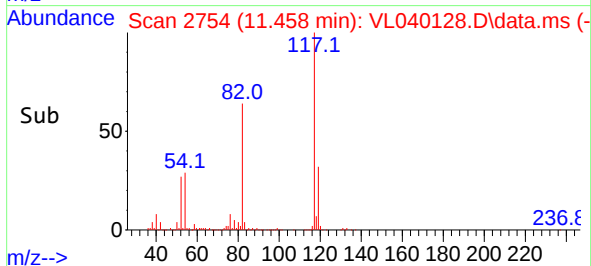
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



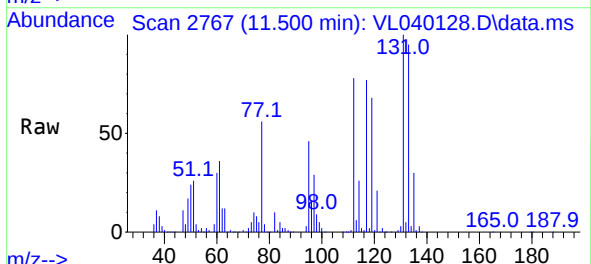
Tgt Ion:117 Resp: 2533740
Ion Ratio Lower Upper
117 100
82 61.2 54.4 81.6
119 30.6 26.8 40.2

Manual Integrations
APPROVED

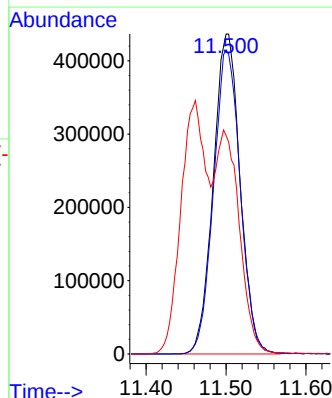
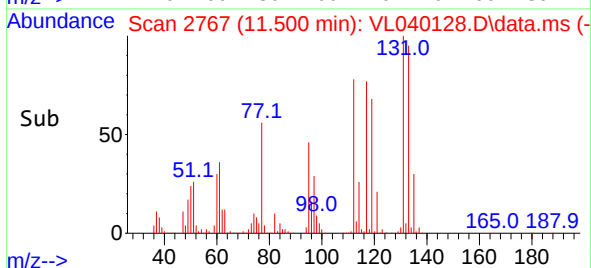
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

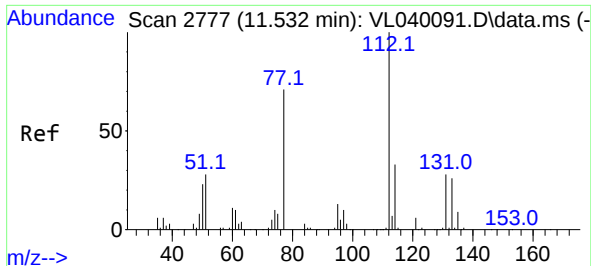


#56
1,1,1,2-Tetrachloroethane
Concen: 10.285 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



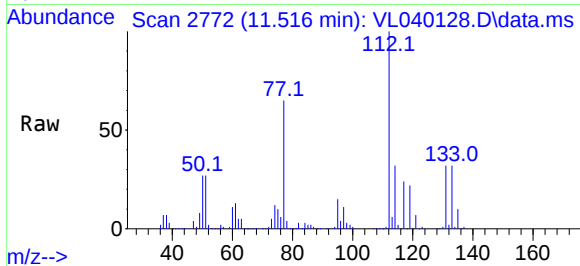
Tgt Ion:131 Resp: 1014244
Ion Ratio Lower Upper
131 100
133 95.0 75.6 113.4
119 64.6 47.2 70.8





#57
Chlorobenzene
Concen: 10.404 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

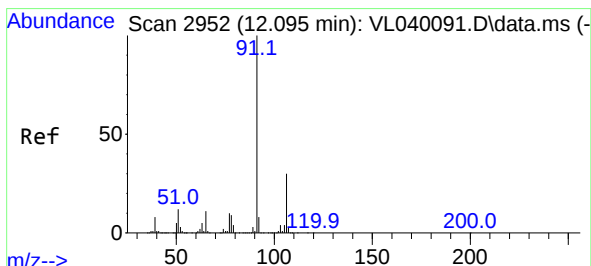
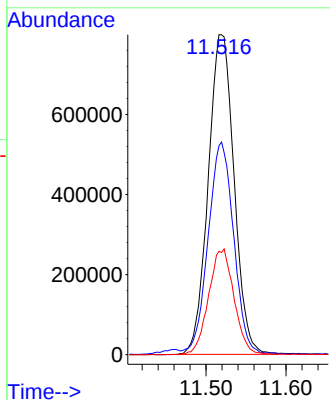
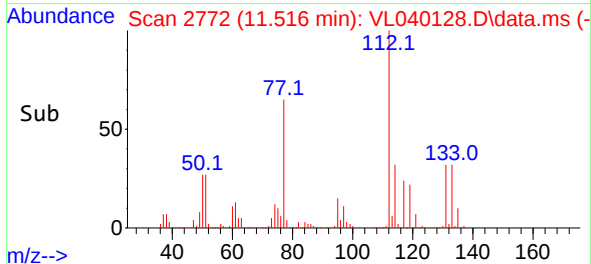
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



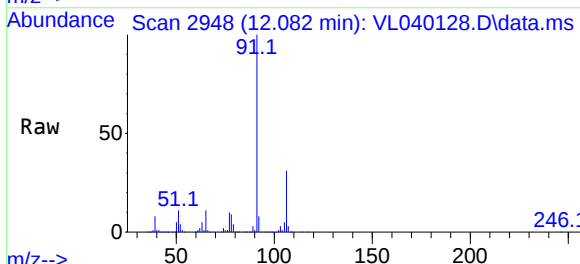
Tgt Ion:112 Resp: 1796862
Ion Ratio Lower Upper
112 100
77 65.0 57.3 85.9
114 32.3 29.6 36.2

Manual Integrations
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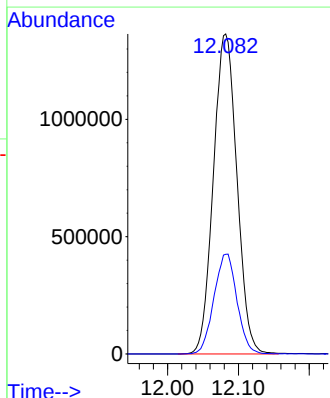
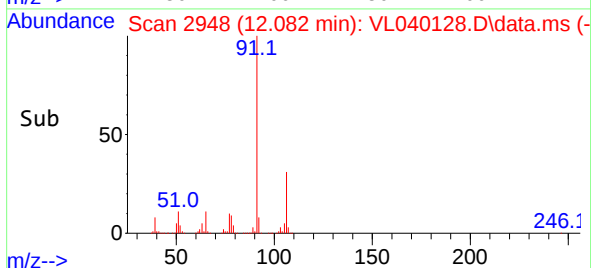
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

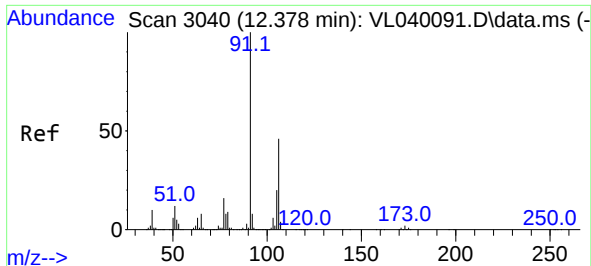


#58
Ethyl Benzene
Concen: 11.127 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



Tgt Ion: 91 Resp: 3146279
Ion Ratio Lower Upper
91 100
106 31.2 23.7 35.5





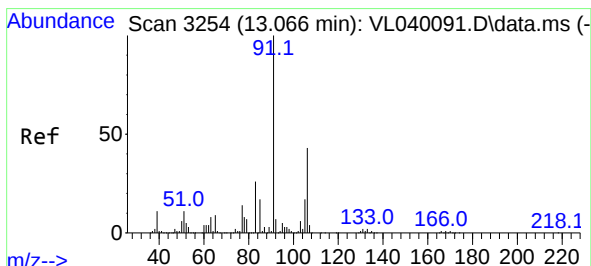
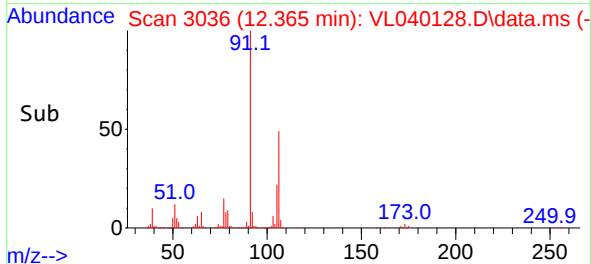
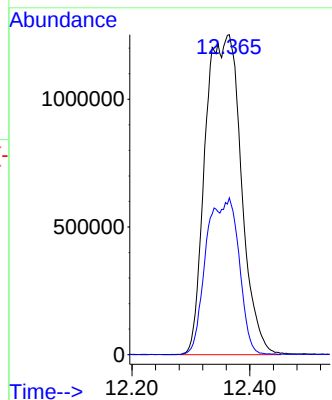
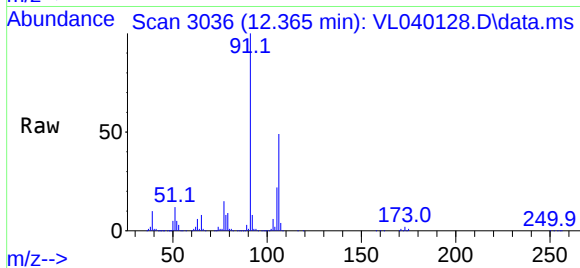
#59
m/p-Xylene
Concen: 20.783 ppbv m
RT: 12.365 min Scan# 3040
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 5283780
Ion Ratio Lower Upper
91 100
106 44.9 34.2 51.4

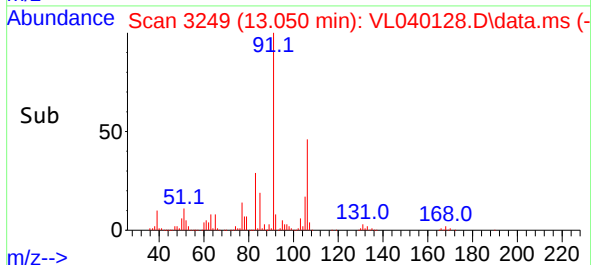
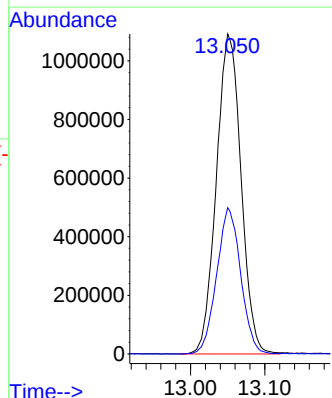
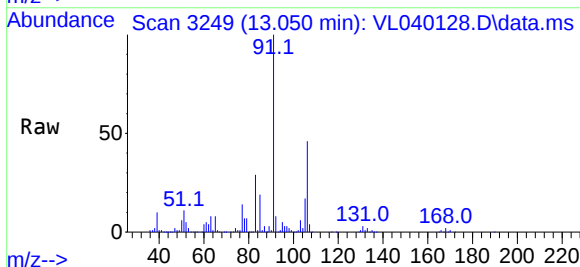
Manual Integrations
APPROVED

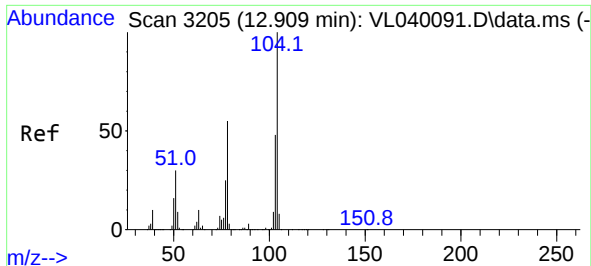
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#60
o-Xylene
Concen: 10.440 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

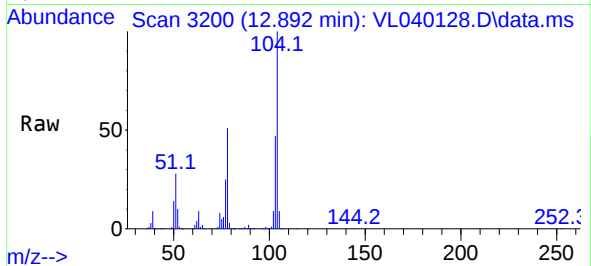
Tgt Ion: 91 Resp: 2519303
Ion Ratio Lower Upper
91 100
106 44.5 21.6 64.8





#61
Styrene
Concen: 12.233 ppbv
RT: 12.892 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

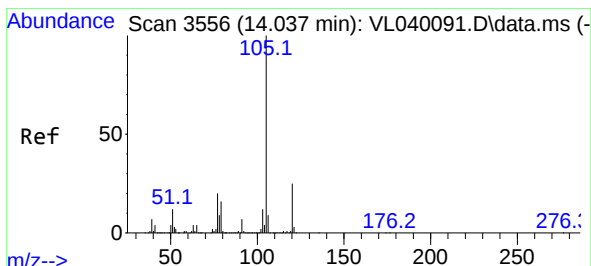
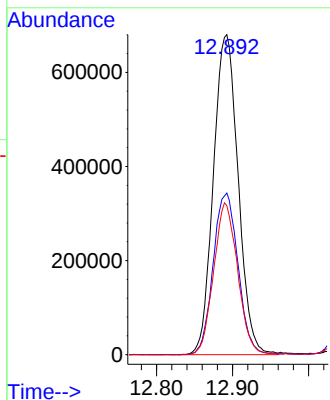
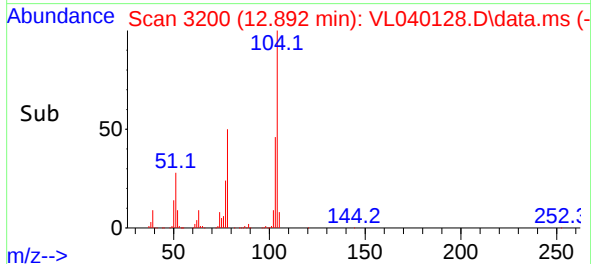
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



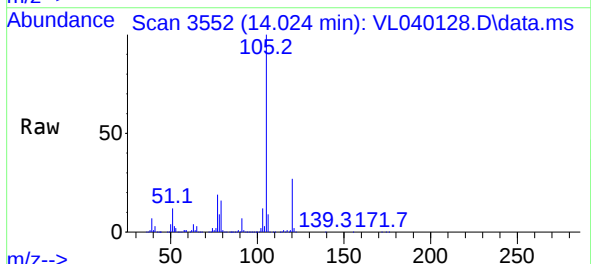
Tgt Ion:104 Resp: 153828
Ion Ratio Lower Upper
104 100
78 50.9 44.0 66.0
103 46.2 37.8 56.6

Manual Integrations
APPROVED

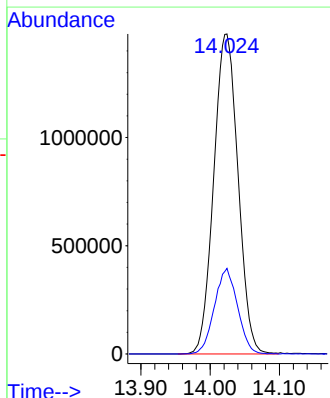
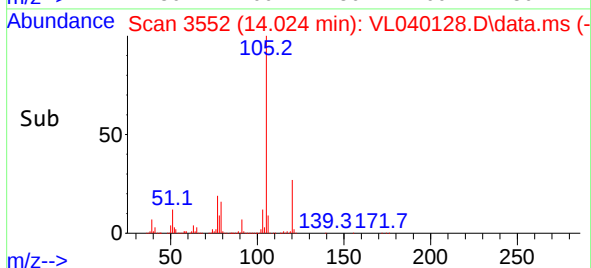
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

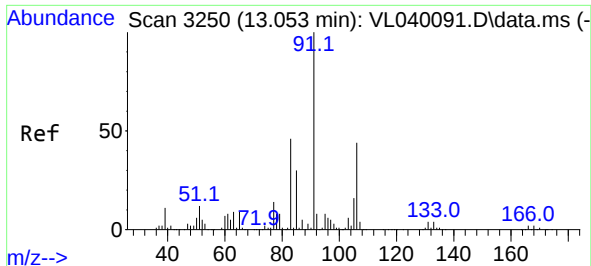


#62
Isopropylbenzene
Concen: 10.368 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



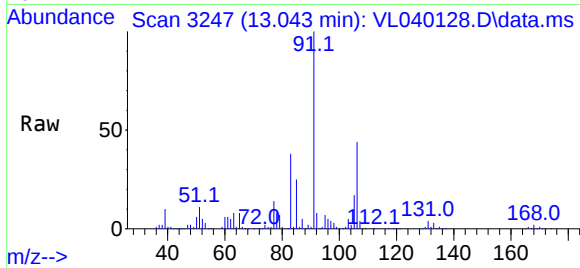
Tgt Ion:105 Resp: 3598564
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 9.648 ppbv
RT: 13.043 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

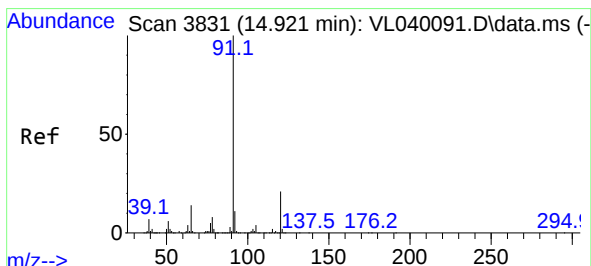
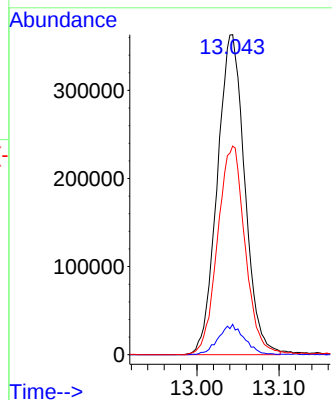
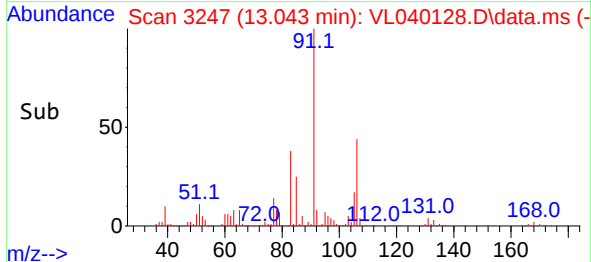
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



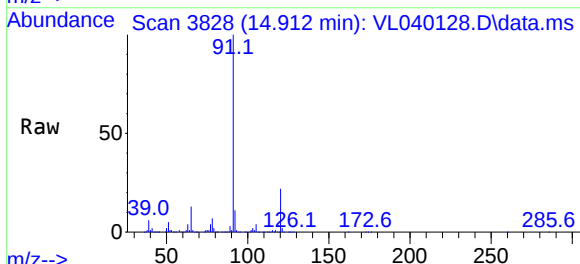
Tgt Ion: 83 Resp: 845354
Ion Ratio Lower Upper
83 100
131 9.1 4.3 13.1
85 65.9 32.5 97.5

Manual Integrations
APPROVED

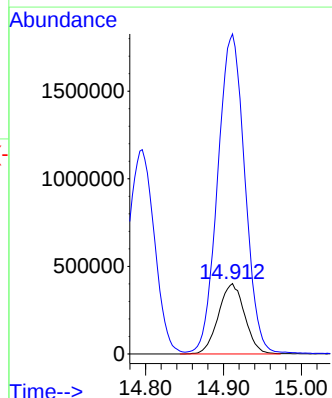
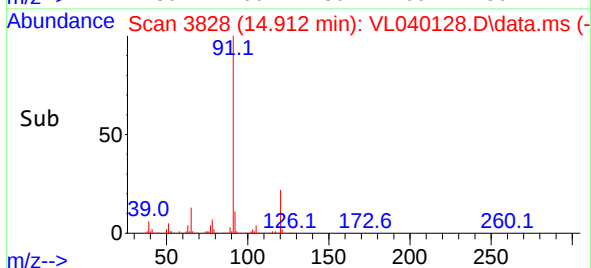
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

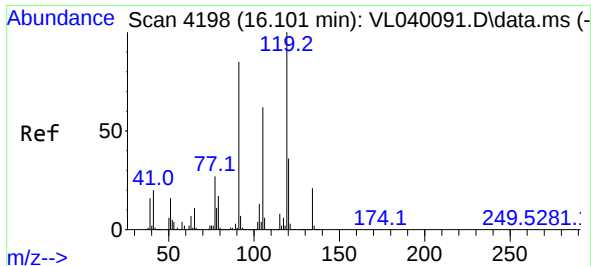


#64
n-propylbenzene
Concen: 10.886 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.010 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



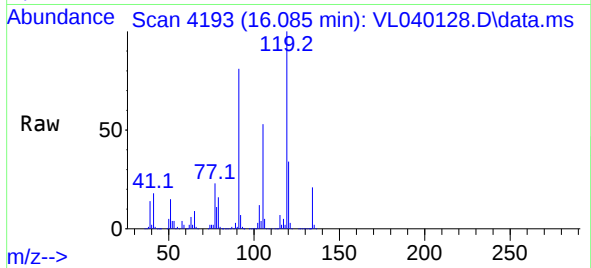
Tgt Ion:120 Resp: 939324
Ion Ratio Lower Upper
120 100
91 473.2 397.0 595.4





#65
tert-Butylbenzene
Concen: 10.464 ppbv
RT: 16.085 min Scan# 4198
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

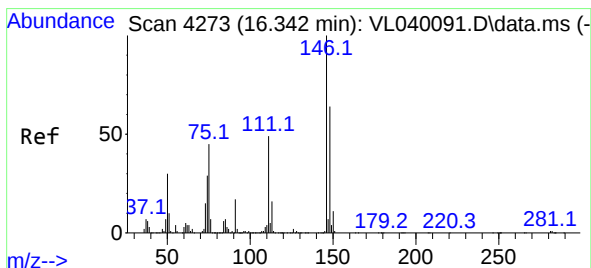
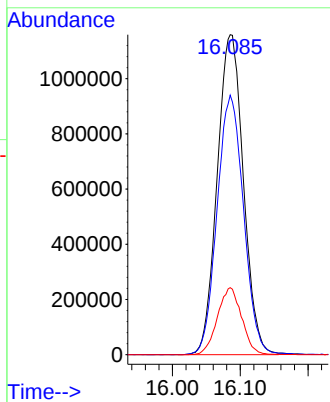
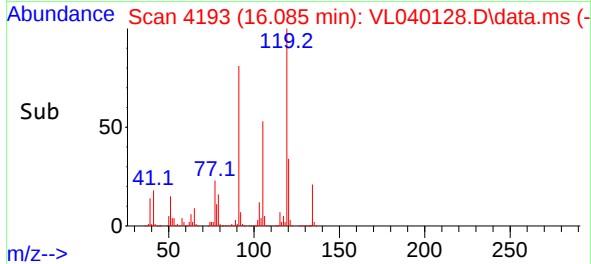
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



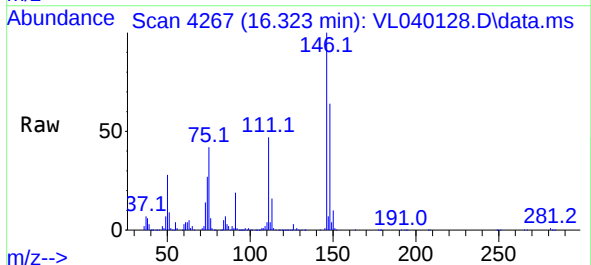
Tgt Ion: 119 Resp: 310957
Ion Ratio Lower Upper
119 100
91 82.3 69.5 104.3
134 19.4 15.8 23.8

Manual Integrations
APPROVED

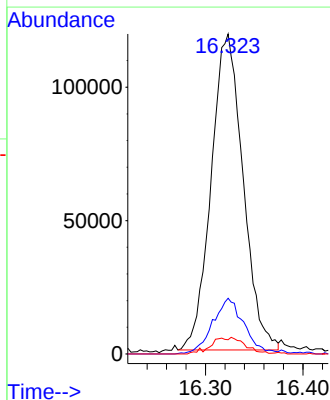
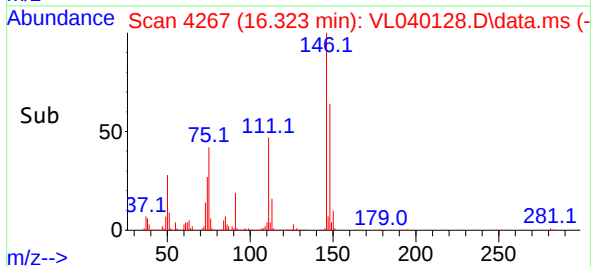
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

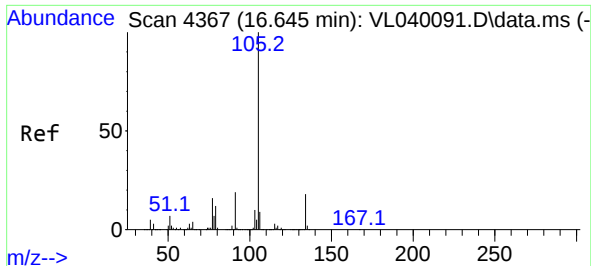


#66
Benzyl Chloride
Concen: 13.276 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.019 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



Tgt Ion: 91 Resp: 269628
Ion Ratio Lower Upper
91 100
126 17.8 11.5 17.3#
128 5.7 0.0 0.0#





#67

sec-Butylbenzene

Concen: 10.360 ppbv

RT: 16.632 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 436459

Ion Ratio Lower Upper

105 100

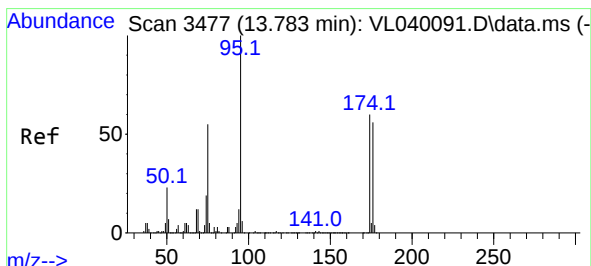
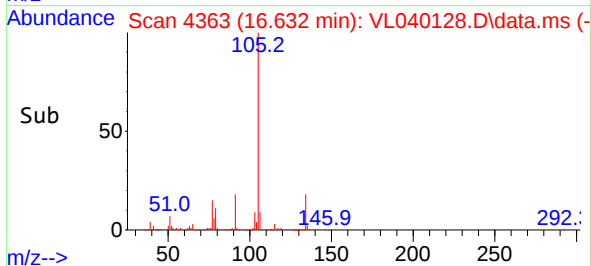
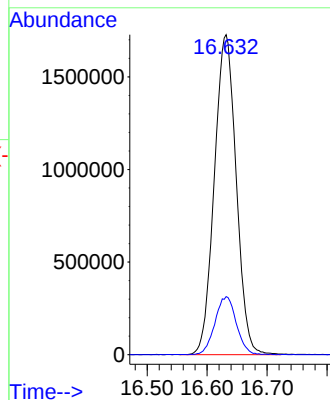
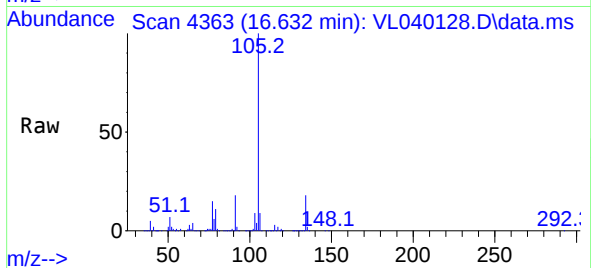
134 17.9 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.075 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. -0.013 min

Lab File: VL040128.D

Acq: 30 Jan 2023 11:41

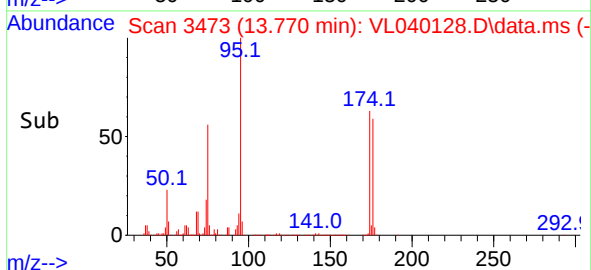
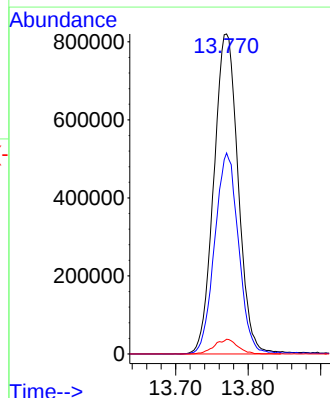
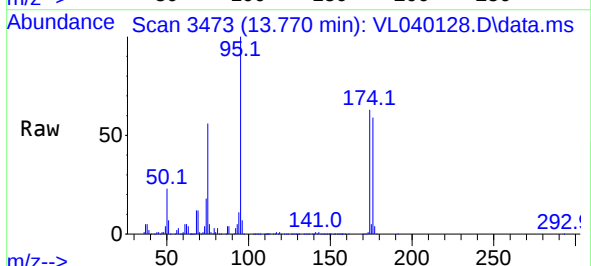
Tgt Ion: 95 Resp: 1911083

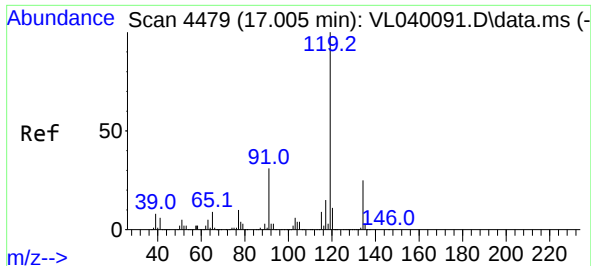
Ion Ratio Lower Upper

95 100

174 61.9 47.7 71.5

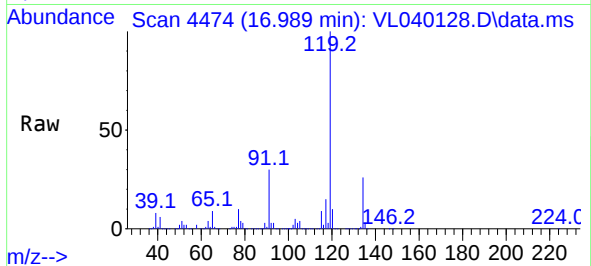
175 4.4 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.764 ppbv
RT: 16.989 min Scan# 4479
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

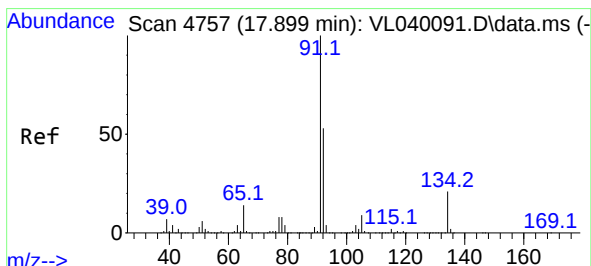
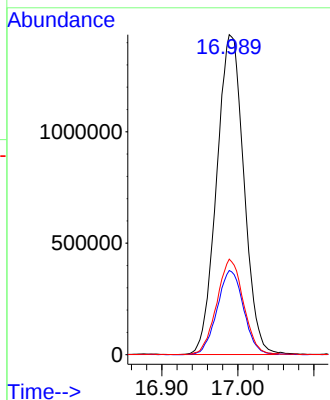
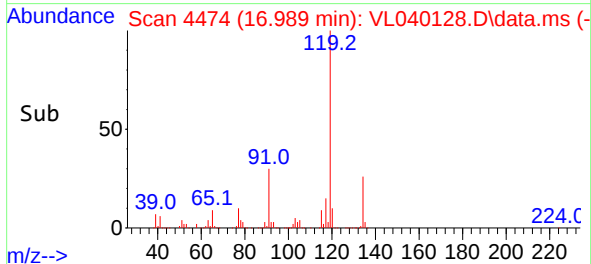
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



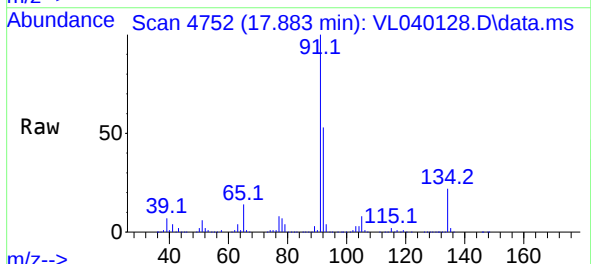
Tgt Ion: 119 Resp: 3563620
Ion Ratio Lower Upper
119 100
134 25.6 20.1 30.1
91 29.3 25.0 37.4

Manual Integrations
APPROVED

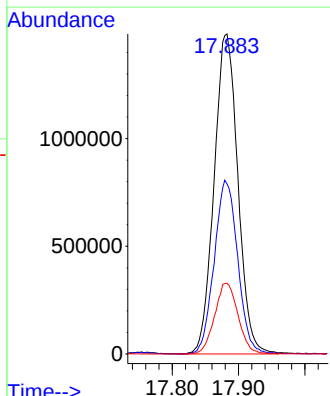
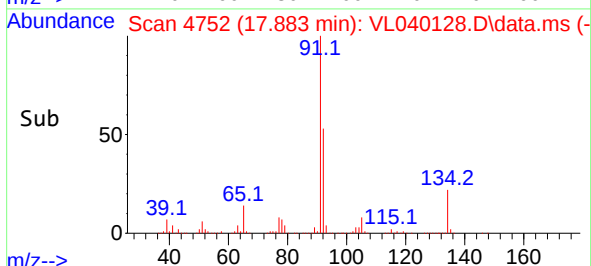
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

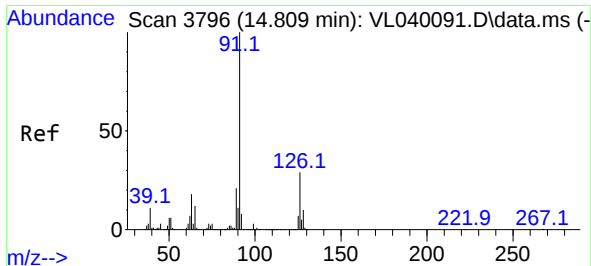


#70
n-Butylbenzene
Concen: 10.354 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



Tgt Ion: 91 Resp: 3696536
Ion Ratio Lower Upper
91 100
92 53.7 42.8 64.2
134 21.9 16.9 25.3





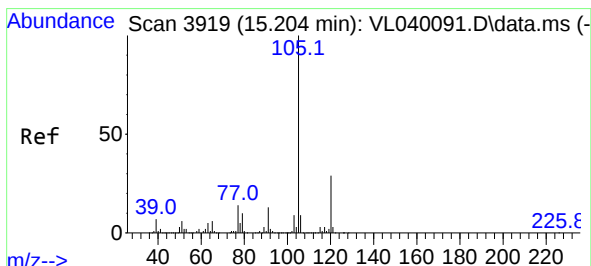
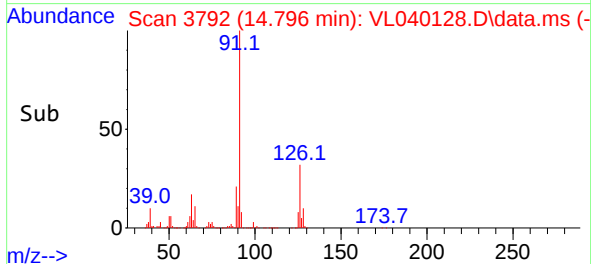
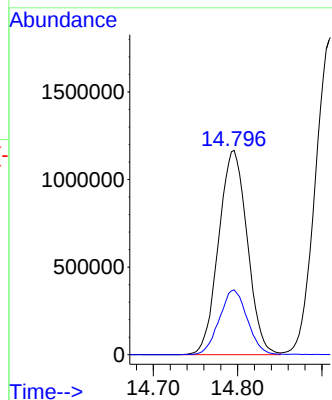
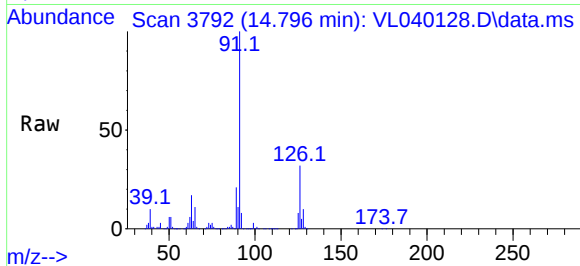
#71
2-Chlorotoluene
Concen: 10.321 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 275515
Ion Ratio Lower Upper
91 100
126 31.1 11.9 47.5

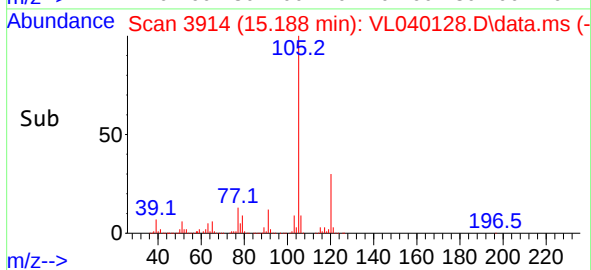
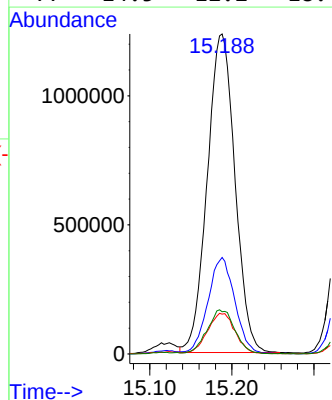
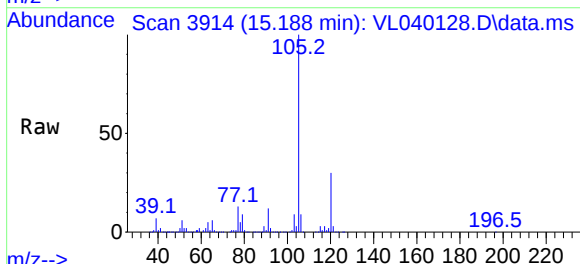
Manual Integrations
APPROVED

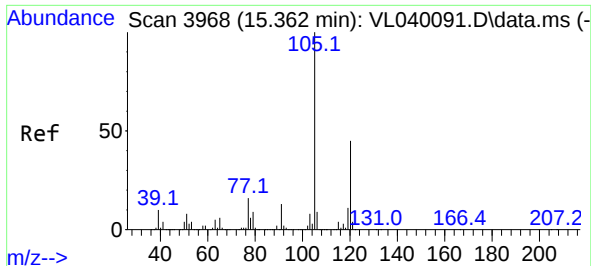
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#72
4-Ethyltoluene
Concen: 10.830 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

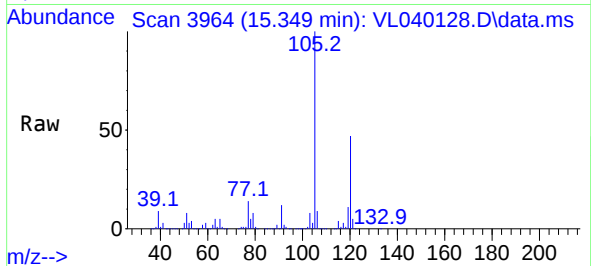
Tgt Ion:105 Resp: 2900106
Ion Ratio Lower Upper
105 100
120 29.6 23.1 34.7
91 13.2 11.2 16.8
77 14.5 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 10.583 ppbv
RT: 15.349 min Scan# 3968
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

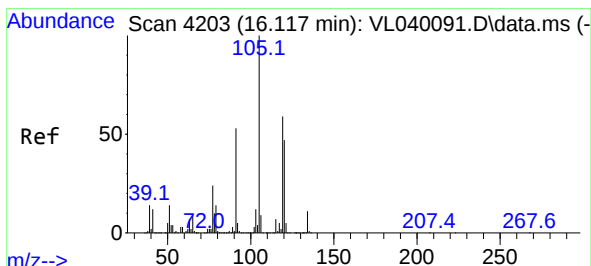
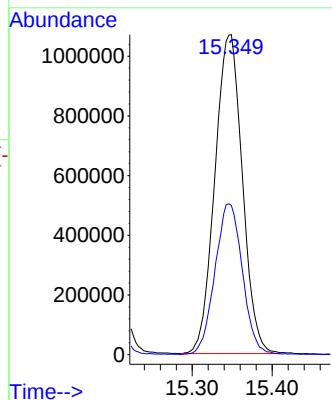
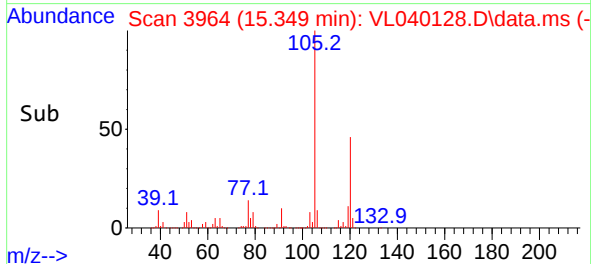
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



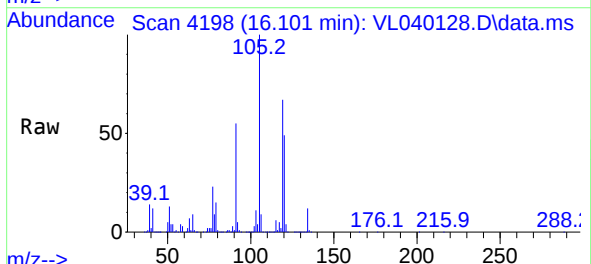
Tgt Ion:105 Resp: 255156
Ion Ratio Lower Upper
105 100
120 46.6 36.2 54.4

Manual Integrations
APPROVED

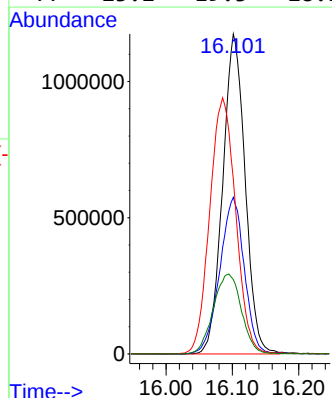
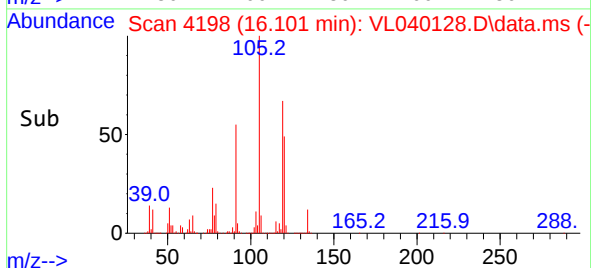
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

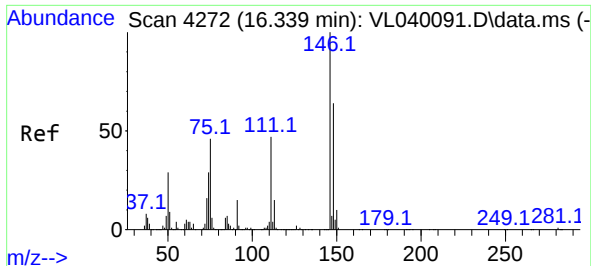


#74
1,2,4-Trimethylbenzene
Concen: 10.316 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



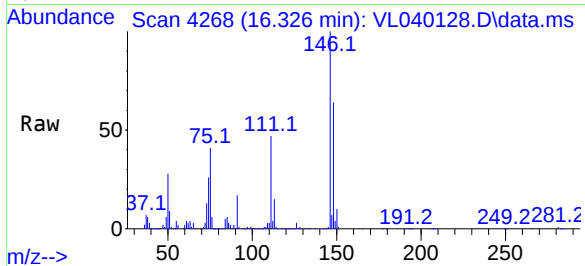
Tgt Ion:105 Resp: 2755210
Ion Ratio Lower Upper
105 100
120 48.9 38.0 57.0
91 54.5 42.1 63.1
77 23.2 19.3 28.9





#75
1,3-Dichlorobenzene
Concen: 10.443 ppbv
RT: 16.326 min Scan# 4312
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

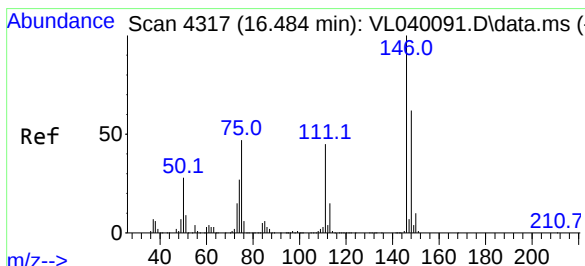
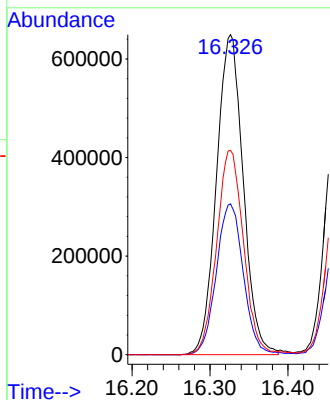
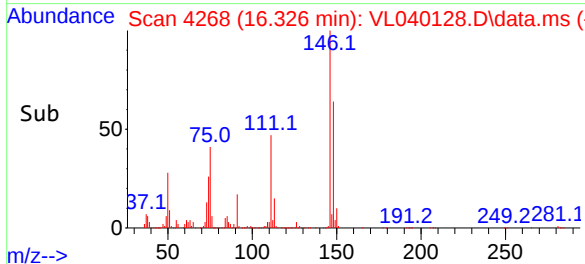
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



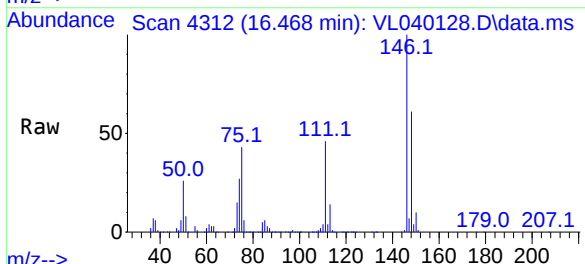
Tgt Ion:146 Resp: 1549130
Ion Ratio Lower Upper
146 100
111 47.6 24.3 73.0
148 64.4 32.3 96.8

Manual Integrations
APPROVED

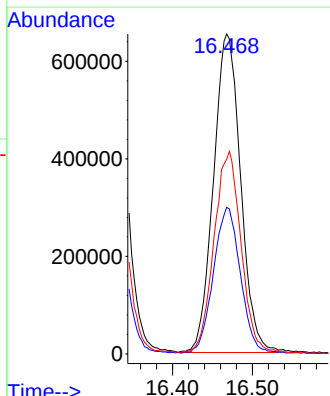
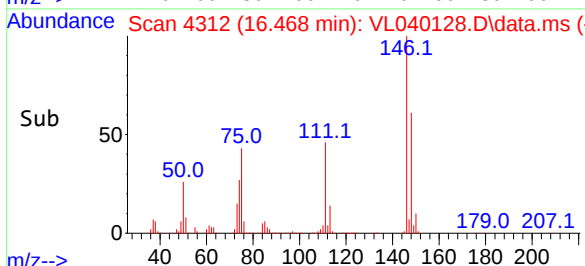
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

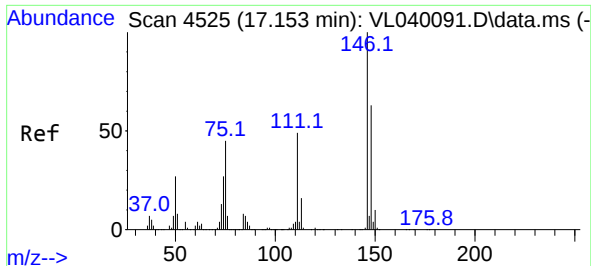


#76
1,4-Dichlorobenzene
Concen: 10.540 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



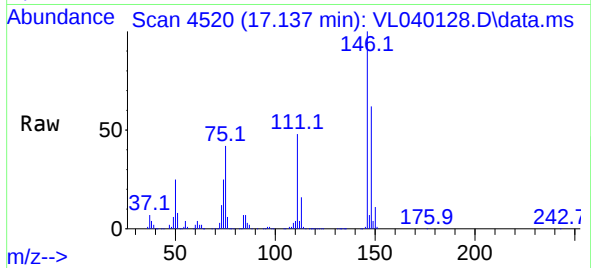
Tgt Ion:146 Resp: 1537201
Ion Ratio Lower Upper
146 100
111 46.3 23.8 71.2
148 64.0 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 10.405 ppbv
RT: 17.137 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

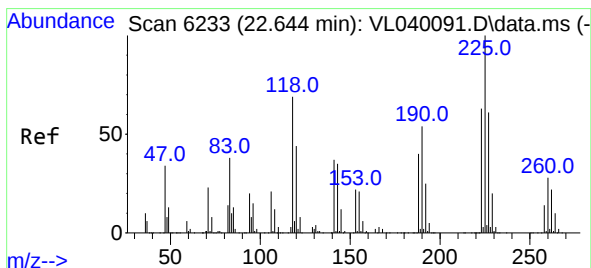
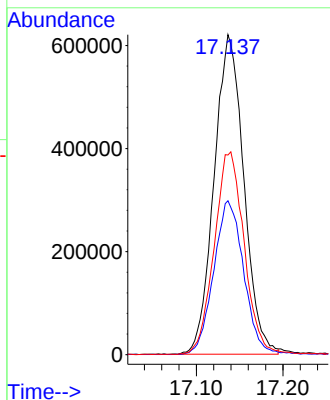
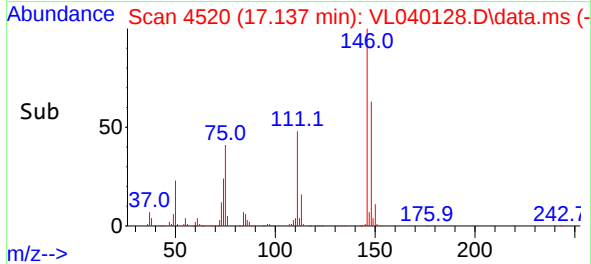
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



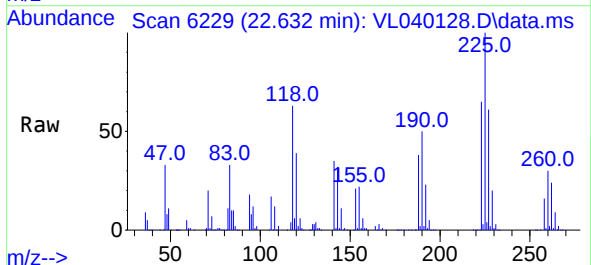
Tgt Ion:146 Resp: 1475999
Ion Ratio Lower Upper
146 100
111 49.0 25.1 75.2
148 64.3 32.4 97.0

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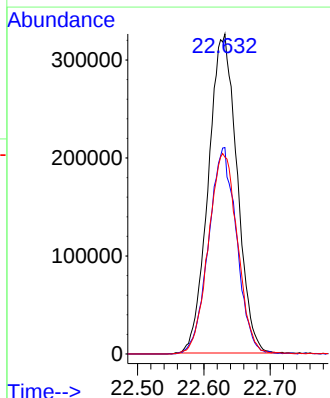
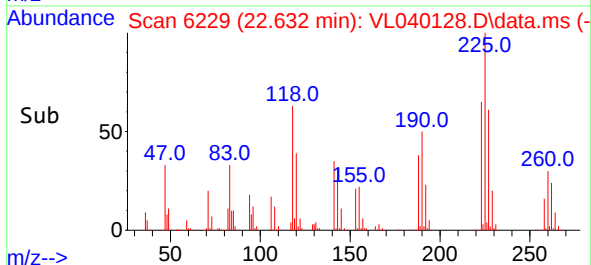
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

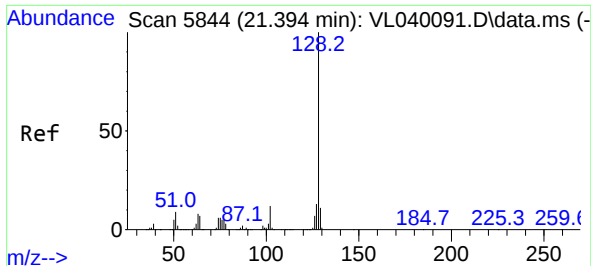


#78
Hexachloro-1,3-Butadiene
Concen: 9.416 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41



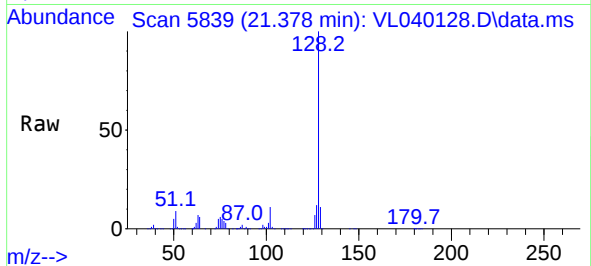
Tgt Ion:225 Resp: 978398
Ion Ratio Lower Upper
225 100
223 63.3 51.5 77.3
227 64.2 50.6 76.0





#79
Naphthalene
Concen: 13.473 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

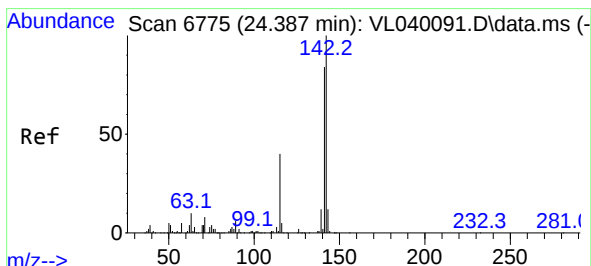
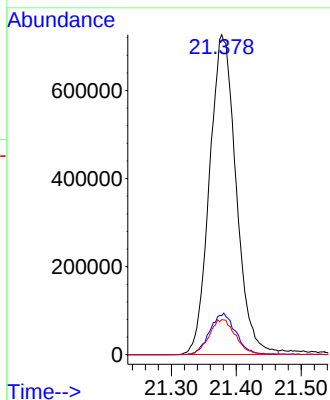
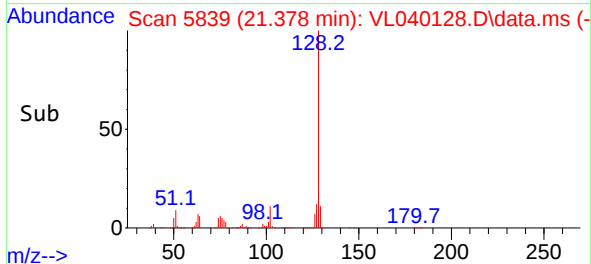
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 2061410
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 10.9 8.8 13.2

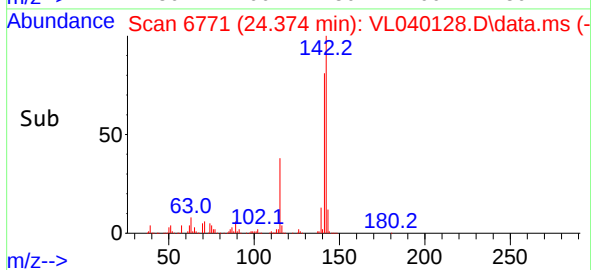
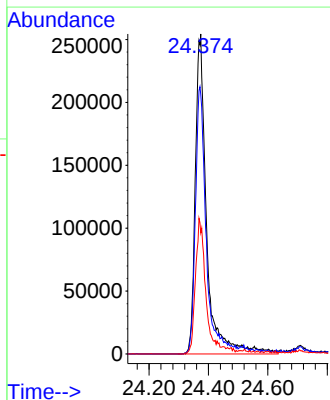
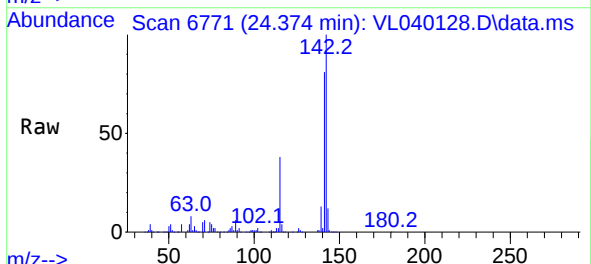
Manual Integrations
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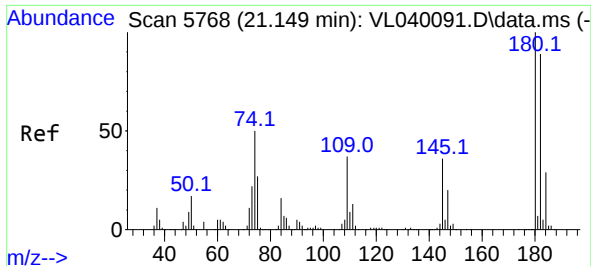
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#80
Naphthalene,2-methyl-
Concen: 13.258 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.013 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

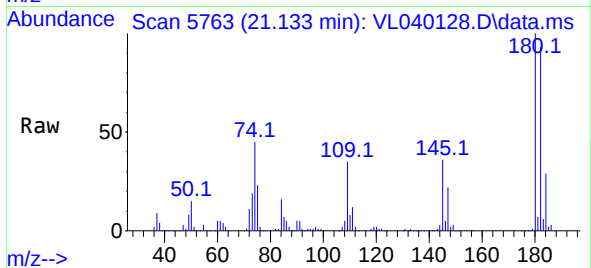
Tgt Ion:142 Resp: 683518
Ion Ratio Lower Upper
142 100
141 79.0 65.0 97.6
115 39.6 31.8 47.8





#81
1,2,4-Trichlorobenzene
Concen: 11.449 ppbv
RT: 21.133 min Scan# 51
Delta R.T. -0.016 min
Lab File: VL040128.D
Acq: 30 Jan 2023 11:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 107962
Ion Ratio Lower Upper
180 100
182 96.8 78.6 117.8
184 30.9 25.1 37.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

