

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051322\
 Data File : VL039034.D
 Acq On : 13 May 2022 12:28
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/15/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 14 00:52:35 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 12 00:52:35 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.645	49	947495	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.150	114	2574084	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.057	117	2302778	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.381 95 1760273 9.652 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	1452059	9.781	ppbv	99
3) Chlorodifluoromethane	2.980	51	1194145	10.157	ppbv	96
4) Chloromethane	3.131	50	606907	10.308	ppbv	98
5) Vinyl Chloride	3.247	62	580834	10.803	ppbv	99
6) Bromomethane	3.462	94	286998	11.300	ppbv	98
7) Chloroethane	3.543	64	196810	10.937	ppbv	96
8) Dichlorotetrafluoroethane	3.176	85	1408125	10.466	ppbv	97
9) Propene	2.999	41	571183	11.125	ppbv	95
10) Heptane	8.095	43	1407628	11.175	ppbv	100
11) Trichlorofluoromethane	3.935	101	1296788	10.181	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.468	101	941692	10.732	ppbv	98
13) Ethanol	3.597	45	35033m	9.642	ppbv	
14) Bromoethene	3.726	108	423325	11.700	ppbv	96
15) Acetone	3.835	43	928421	10.388	ppbv	99
16) 1,3-Butadiene	3.314	39	536510	10.448	ppbv	96
17) tert-Butyl alcohol	4.263	59	740720	10.783	ppbv	98
18) 1,1-Dichloroethene	4.272	96	408840	10.826	ppbv	98
19) Isopropyl Alcohol	3.944	45	459397	10.811	ppbv	99
20) Methylene Chloride	4.327	84	350427	10.403	ppbv	97
21) Allyl Chloride	4.398	41	694067	11.396	ppbv	97
22) trans-1,2-Dichloroethene	4.867	96	424629	10.410	ppbv	97
23) Vinyl Acetate	5.050	43	824698	11.662	ppbv	97
24) 1,1-Dichloroethane	4.993	63	877754	10.779	ppbv	99
25) Ethyl Acetate	5.655	43	2432512	11.371	ppbv	99
26) Hexane	5.665	57	1060294	11.155	ppbv	97
27) Carbon Disulfide	4.533	76	1060868	11.749	ppbv	98
28) Methyl tert-Butyl Ether	5.015	73	821575	11.361	ppbv	99
29) Chloroform	5.732	83	1691053	10.997	ppbv	96
30) Cyclohexane	7.105	84	902394	11.340	ppbv	96
31) cis-1,2-Dichloroethene	5.526	61	1069887	11.049	ppbv	96
32) 1,1,1-Trichloroethane	6.491	97	1664200	10.823	ppbv	98
34) 2-Butanone	5.221	43	1411240	10.746	ppbv	97
35) Carbon Tetrachloride	6.996	117	1681688	9.915	ppbv	98
36) Benzene	6.867	78	2225883	10.104	ppbv	98
37) 1,2-Dichloroethane	6.285	62	1267389	9.299	ppbv	98
38) Trichloroethene	7.809	130	950632	9.707	ppbv	98
39) 1,2-Dichloropropane	7.587	63	852998	9.952	ppbv	97
40) 1,4-Dioxane	7.803	88	308269	10.014	ppbv #	1
41) Tetrahydrofuran	6.025	42	916595	10.385	ppbv	99
42) Bromodichloromethane	7.764	83	1843632	9.894	ppbv	99
43) Methyl Methacrylate	7.989	69	926587	10.361	ppbv	97
44) 2,2,4-Trimethylpentane	7.845	57	3738740	9.672	ppbv	98
45) t-1,3-Dichloropropene	9.253	75	1043304	12.052	ppbv	98

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Quant Time: May 14 00:52:35 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

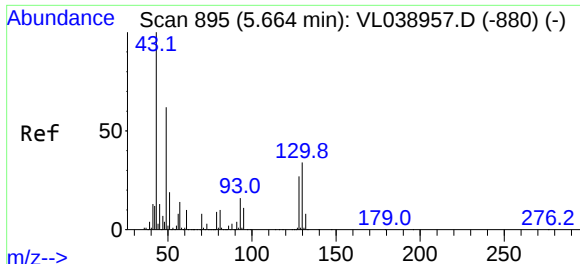
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

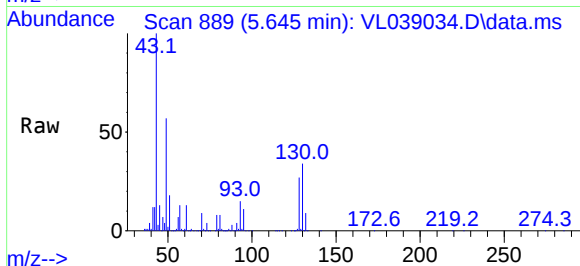
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.677	75	1265945	11.028	ppbv	94
47) 1,1,2-Trichloroethane	9.449	97	914832	10.262	ppbv	98
48) Dibromochloromethane	10.275	129	1510317	10.409	ppbv	99
49) Bromoform	13.008	173	1222215	11.045	ppbv	99
50) 4-Methyl-2-Pentanone	8.710	43	2324250	10.093	ppbv	98
51) 2-Hexanone	10.102	43	1849909	11.007	ppbv	98
52) Tetrachloroethene	11.195	164	773795	9.830	ppbv	98
53) Toluene	9.777	91	2601516	10.537	ppbv	100
54) 1,2-Dibromoethane	10.581	107	1289065	10.622	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.095	131	1060416	10.495	ppbv	99
57) Chlorobenzene	12.118	112	1816037	10.521	ppbv	96
58) Ethyl Benzene	12.677	91	3474756	10.485	ppbv	100
59) m/p-Xylene	12.967	91	5833987m	20.621	ppbv	
60) o-Xylene	13.661	91	2739040	10.286	ppbv	100
61) Styrene	13.497	104	1656475	11.653	ppbv	96
62) Isopropylbenzene	14.635	105	3972304	10.201	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.645	83	1559482	9.946	ppbv	100
64) n-propylbenzene	15.526	120	1019504	10.829	ppbv	95
65) tert-Butylbenzene	16.709	119	3427436	10.046	ppbv	96
66) Benzyl Chloride	16.957	91	608671	13.648	ppbv	97
67) sec-Butylbenzene	17.262	105	4953859	10.163	ppbv	100
69) p-Isopropyltoluene	17.619	119	4054657	10.296	ppbv	99
70) n-Butylbenzene	18.516	91	4328013	10.345	ppbv	99
71) 2-Chlorotoluene	15.420	91	3068743	10.223	ppbv	99
72) 4-Ethyltoluene	15.806	105	3265882	10.763	ppbv	99
73) 1,3,5-Trimethylbenzene	15.963	105	2922134	10.697	ppbv	96
74) 1,2,4-Trimethylbenzene	16.728	105	3072361	10.272	ppbv	97
75) 1,3-Dichlorobenzene	16.963	146	1750290	10.681	ppbv	99
76) 1,4-Dichlorobenzene	17.105	146	1679684	10.419	ppbv	97
77) 1,2-Dichlorobenzene	17.783	146	1688233	10.416	ppbv	99
78) Hexachloro-1,3-Butadiene	23.339	225	1345997	9.036	ppbv	99
79) Naphthalene	22.153	128	2896411	11.922	ppbv	99
80) Naphthalene,2-methyl-	24.940	142	953465	12.973	ppbv	97
81) 1,2,4-Trichlorobenzene	21.886	180	1527385	10.729	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

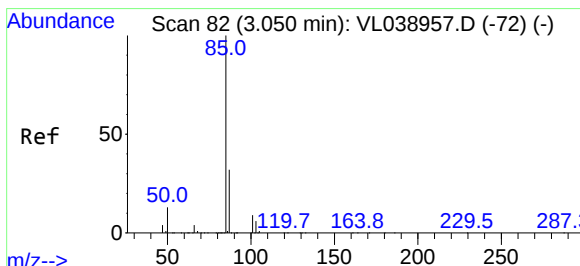
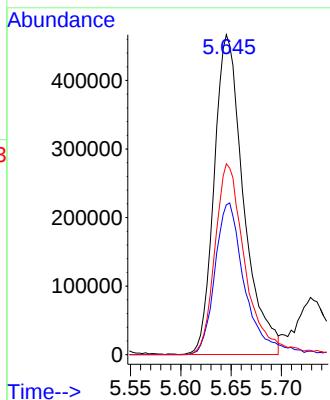
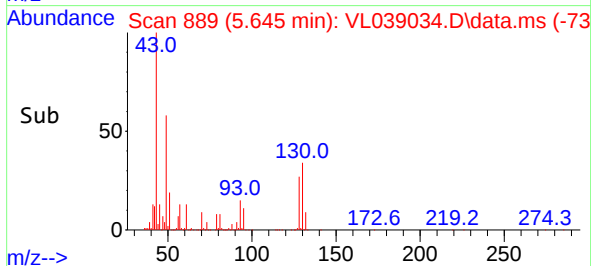
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 947495
Ion Ratio Lower Upper
49 100
128 49.6 23.3 69.8
130 63.3 29.8 89.3

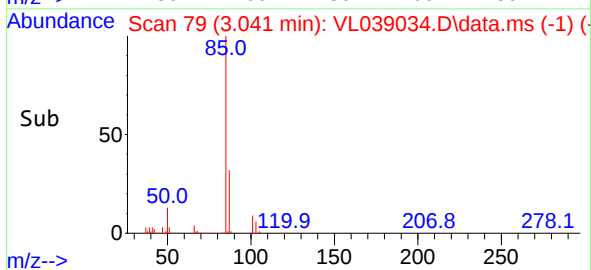
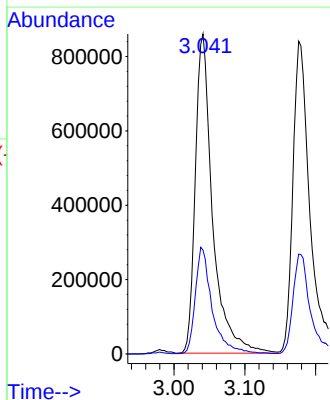
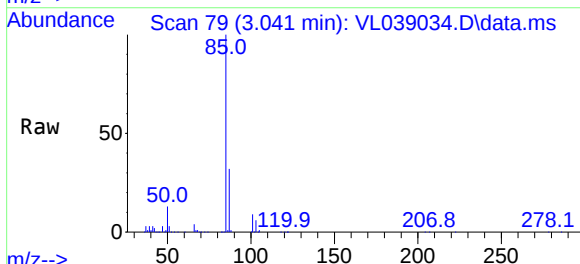
Manual Integrations
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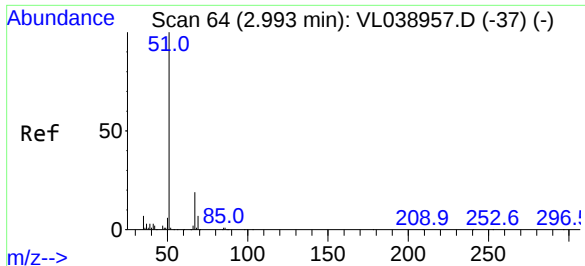
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#2
Dichlorodifluoromethane
Concen: 9.781 ppbv
RT: 3.041 min Scan# 79
Delta R.T. -0.009 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

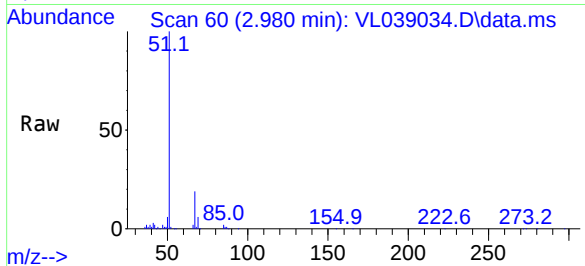
Tgt Ion: 85 Resp: 1452059
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.157 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.013 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

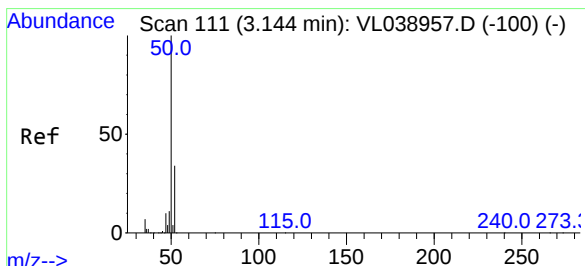
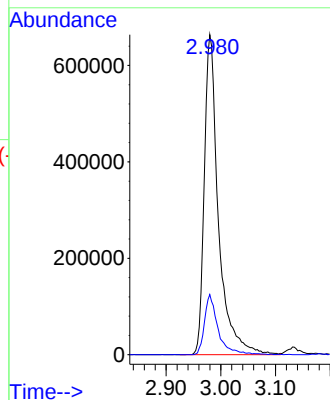
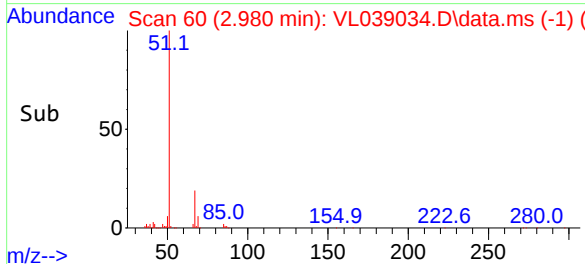
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



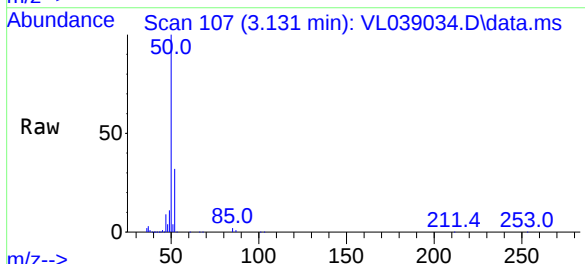
Tgt Ion: 51 Resp: 119414
Ion Ratio Lower Upper
51 100
67 18.1 15.8 23.8

Manual Integrations
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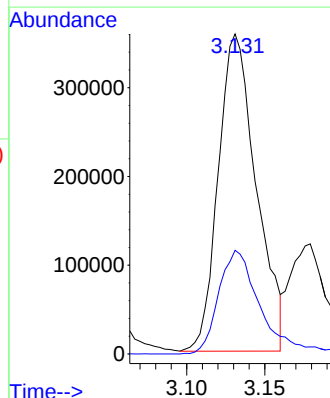
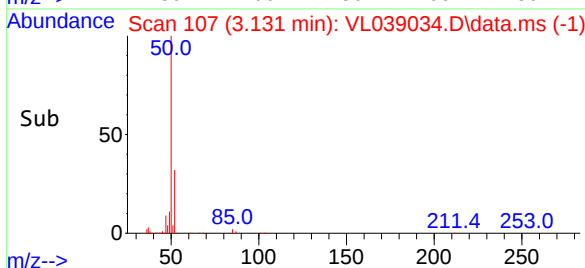
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

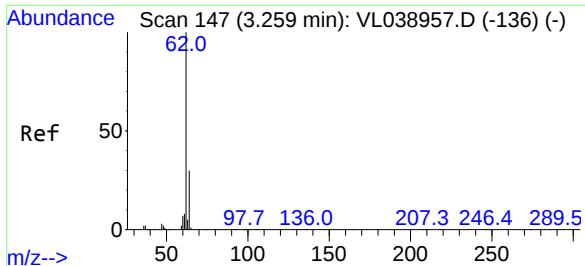


#4
Chloromethane
Concen: 10.308 ppbv
RT: 3.131 min Scan# 107
Delta R.T. -0.013 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



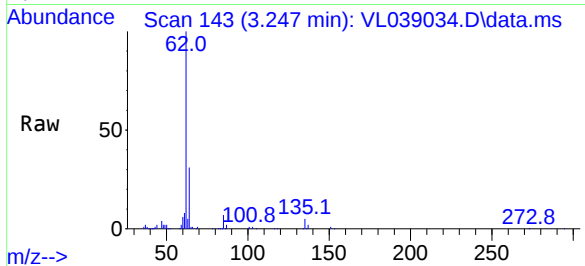
Tgt Ion: 50 Resp: 606907
Ion Ratio Lower Upper
50 100
52 32.7 27.3 40.9





#5
 Vinyl Chloride
 Concen: 10.803 ppbv
 RT: 3.247 min Scan# 14
 Delta R.T. -0.013 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28

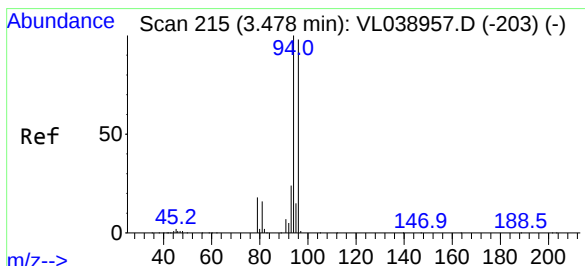
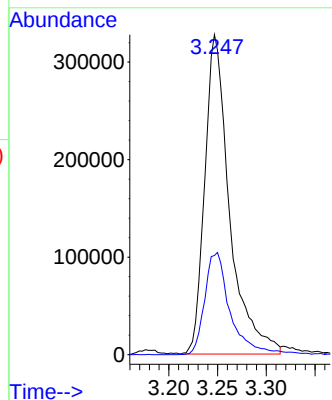
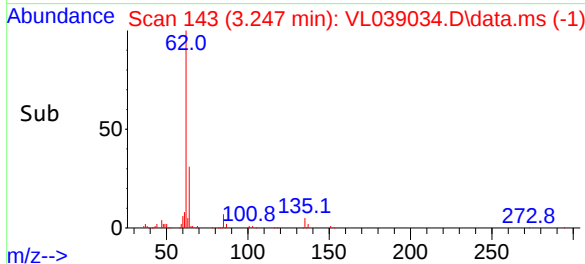
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 580834
 Ion Ratio Lower Upper
 62 100
 64 31.0 24.2 36.4

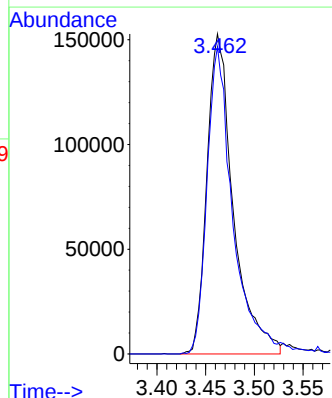
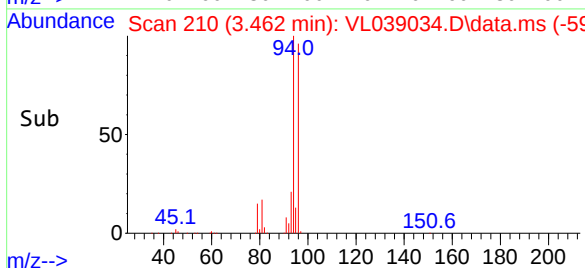
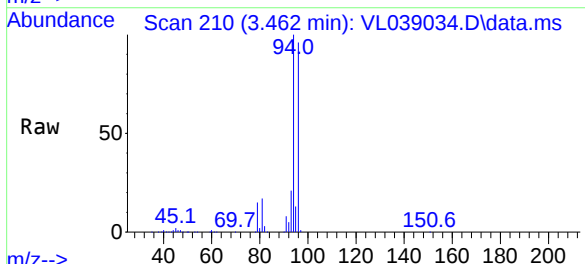
Manual Integrations
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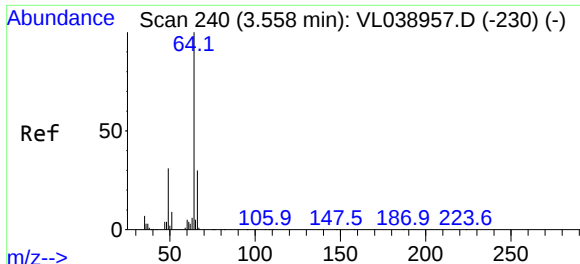
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#6
 Bromomethane
 Concen: 11.300 ppbv
 RT: 3.462 min Scan# 210
 Delta R.T. -0.016 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28

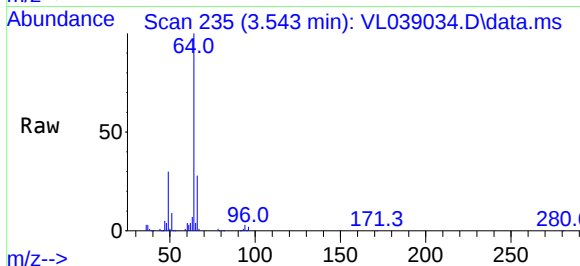
Tgt Ion: 94 Resp: 286998
 Ion Ratio Lower Upper
 94 100
 96 96.0 78.1 117.1





#7
Chloroethane
Concen: 10.937 ppbv
RT: 3.543 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

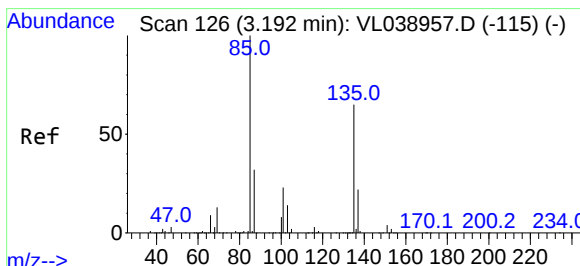
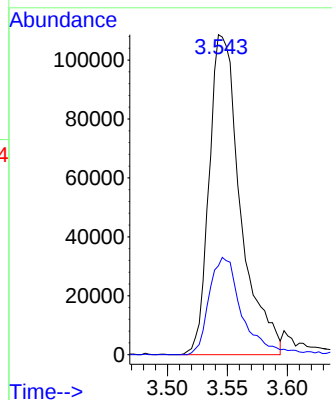
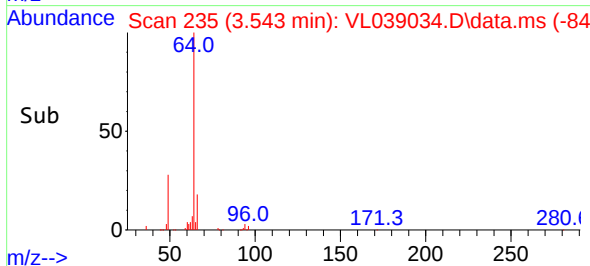
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 196810
Ion Ratio Lower Upper
64 100
66 27.8 23.8 35.8

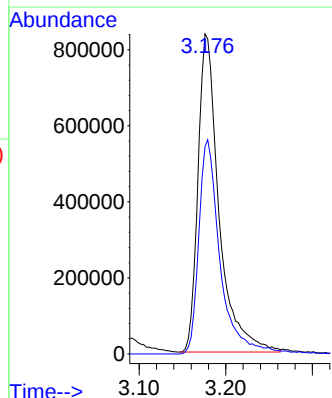
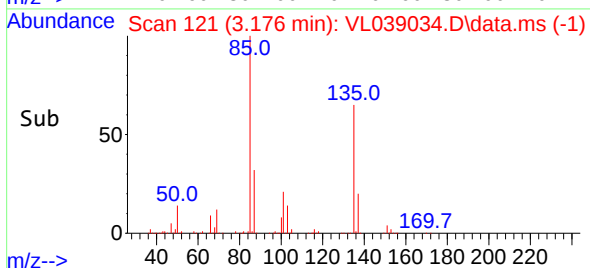
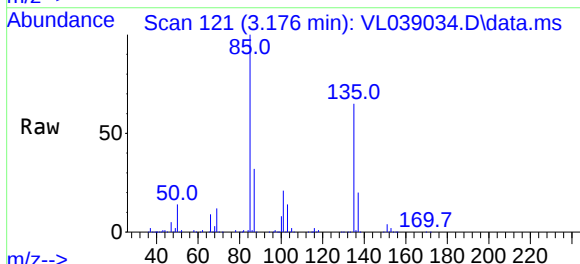
Manual Integrations
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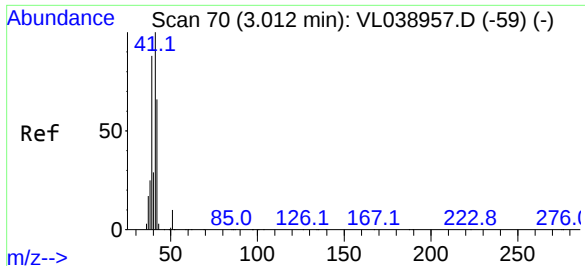
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#8
Dichlorotetrafluoroethane
Concen: 10.466 ppbv
RT: 3.176 min Scan# 121
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

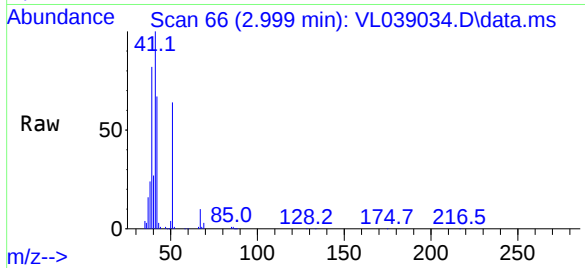
Tgt Ion: 85 Resp: 1408125
Ion Ratio Lower Upper
85 100
135 69.0 53.6 80.4





#9
Propene
Concen: 11.125 ppbv
RT: 2.999 min Scan# 60
Delta R.T. -0.013 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

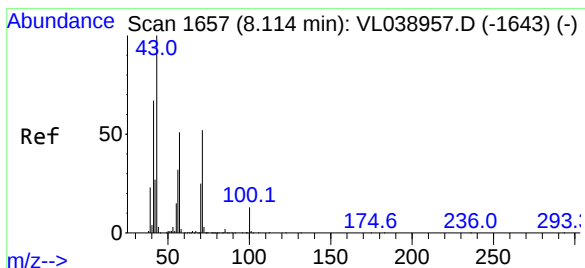
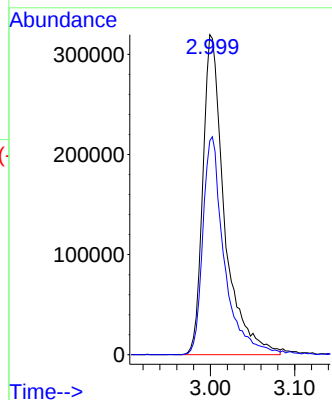
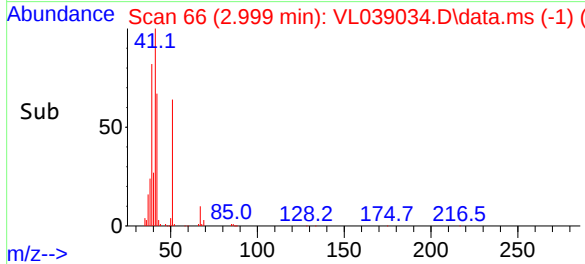
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



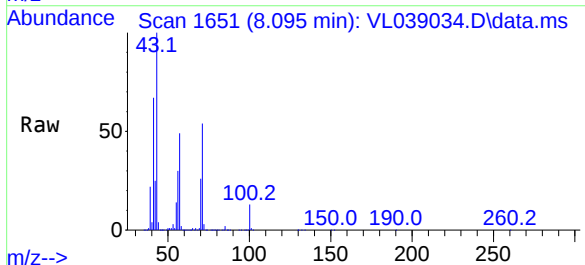
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Ion Ratio Lower Upper
41 100
42 68.3 58.3 87.5

Manual Integrations
APPROVED

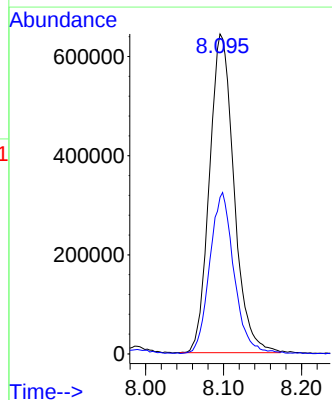
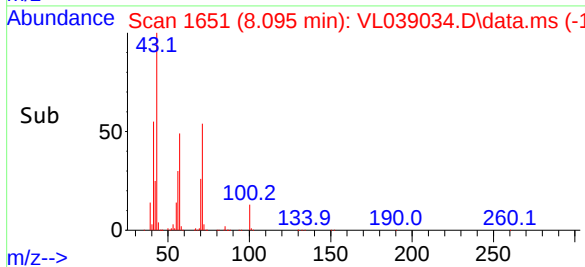
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

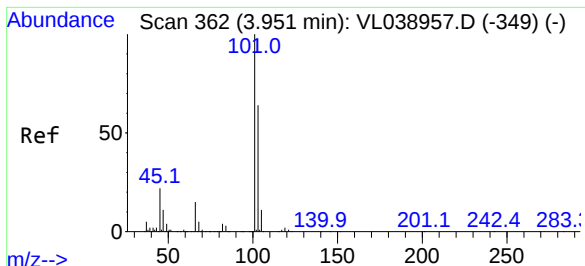


#10
Heptane
Concen: 11.175 ppbv
RT: 8.095 min Scan# 1651
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



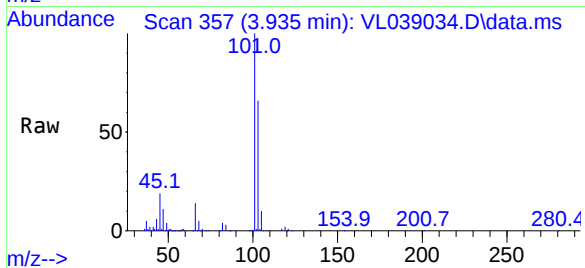
Tgt Ion: 43 Resp: 1407628
Ion Ratio Lower Upper
43 100
57 50.3 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 10.181 ppbv
 RT: 3.935 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28

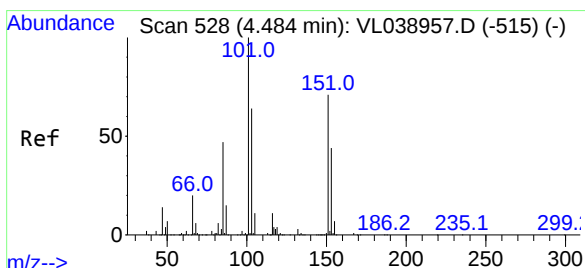
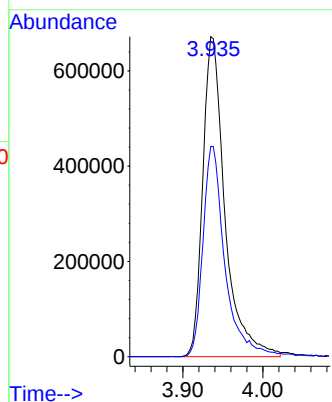
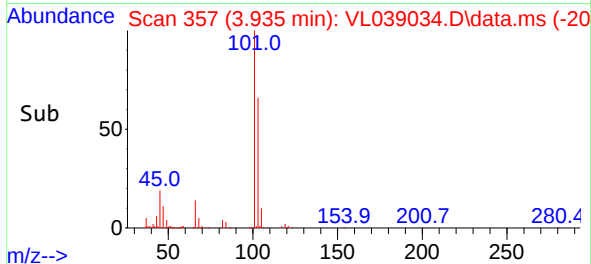
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:101 Resp: 129678
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.5 77.3

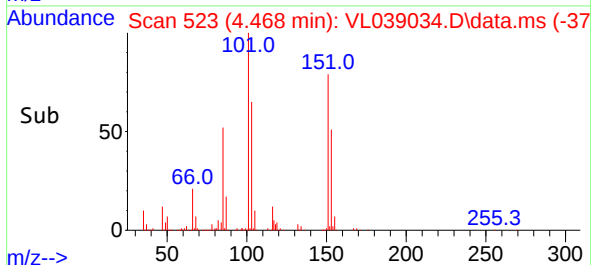
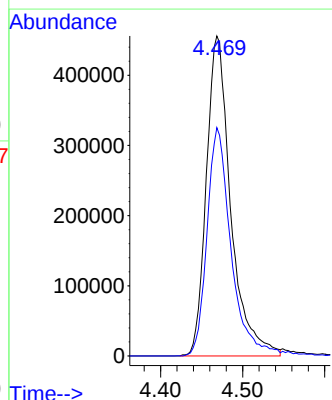
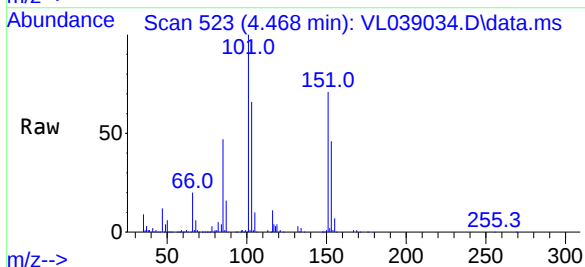
Manual Integrations
 APPROVED

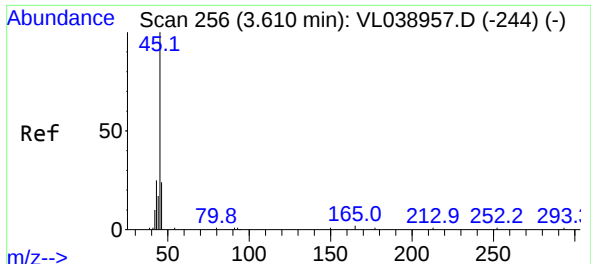
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.732 ppbv
 RT: 4.468 min Scan# 523
 Delta R.T. -0.016 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28

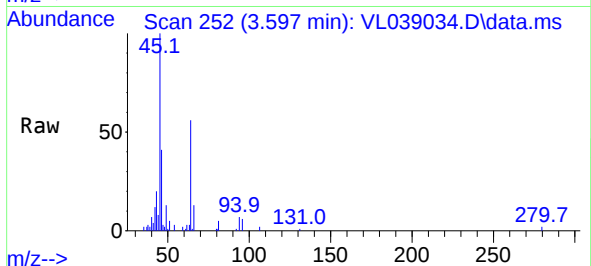
Tgt Ion:101 Resp: 941692
 Ion Ratio Lower Upper
 101 100
 151 71.2 55.4 83.0





#13
Ethanol
Concen: 9.642 ppbv m
RT: 3.597 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

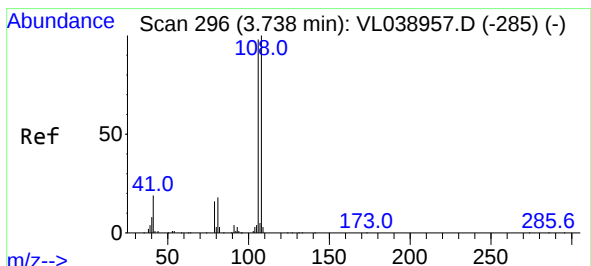
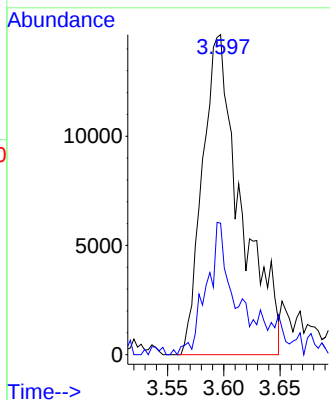
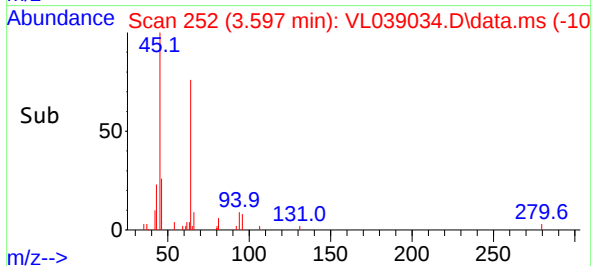
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



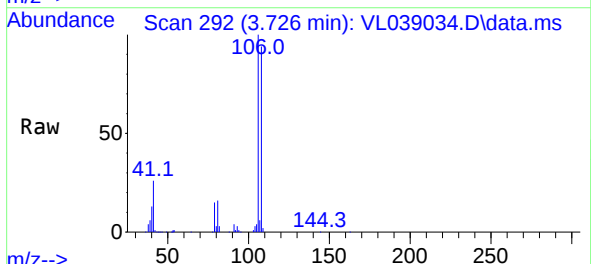
Tgt Ion: 45 Resp: 3503
Ion Ratio Lower Upper
45 100
46 42.0 18.0 72.2

Manual Integrations
APPROVED

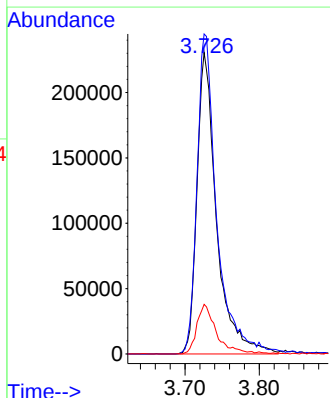
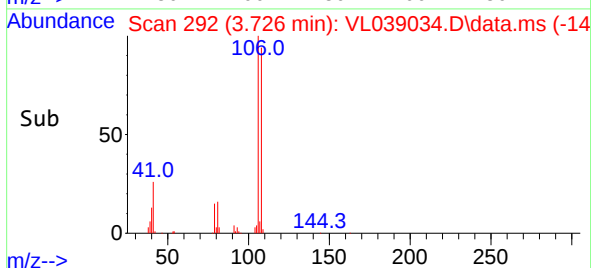
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

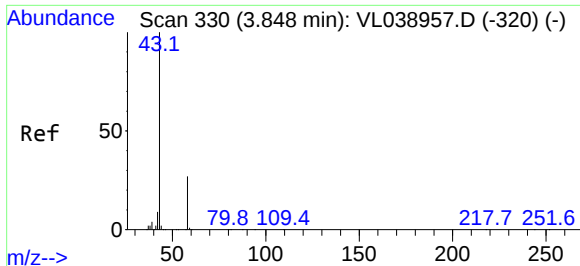


#14
Bromoethene
Concen: 11.700 ppbv
RT: 3.726 min Scan# 292
Delta R.T. -0.013 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



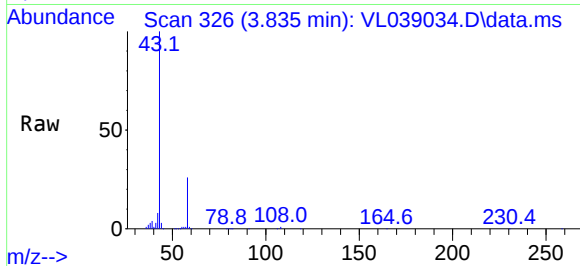
Tgt Ion:108 Resp: 423325
Ion Ratio Lower Upper
108 100
106 108.3 90.3 135.5
79 16.9 14.9 22.3





#15
Acetone
Concen: 10.388 ppbv
RT: 3.835 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

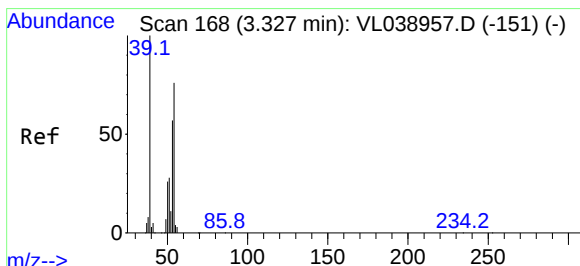
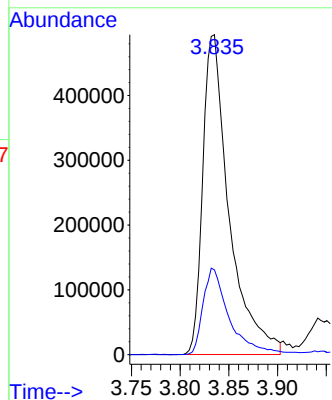
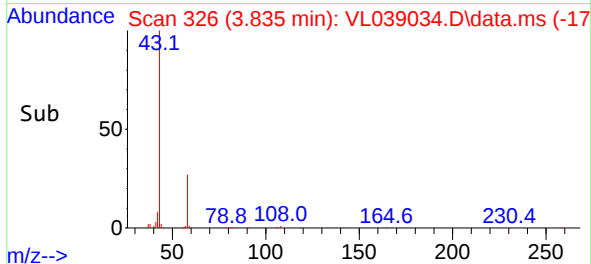
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 92842
Ion Ratio Lower Upper
43 100
58 27.3 21.3 31.9

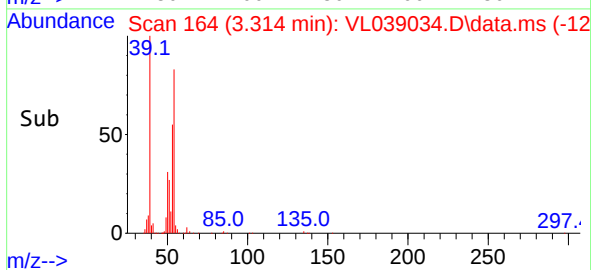
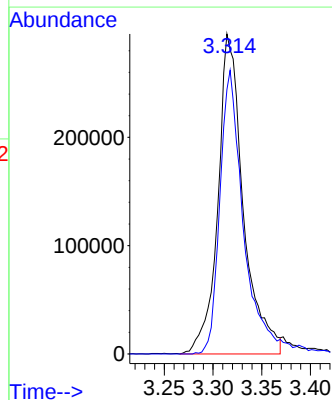
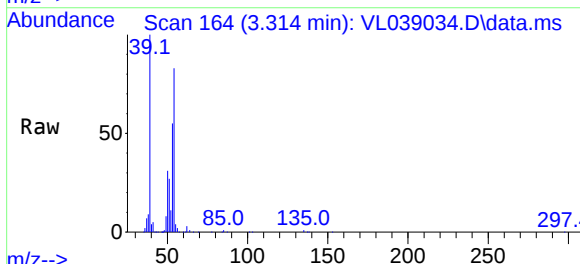
Manual Integrations
APPROVED

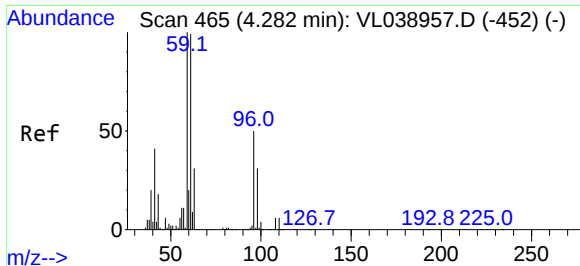
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#16
1,3-Butadiene
Concen: 10.448 ppbv
RT: 3.314 min Scan# 164
Delta R.T. -0.013 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 39 Resp: 536510
Ion Ratio Lower Upper
39 100
54 85.2 65.2 97.8





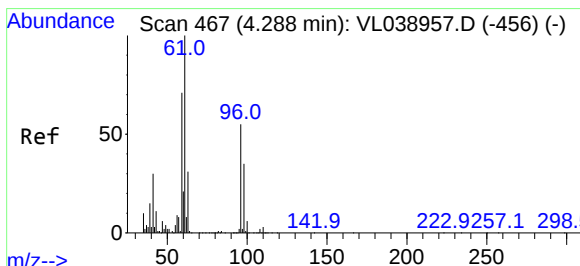
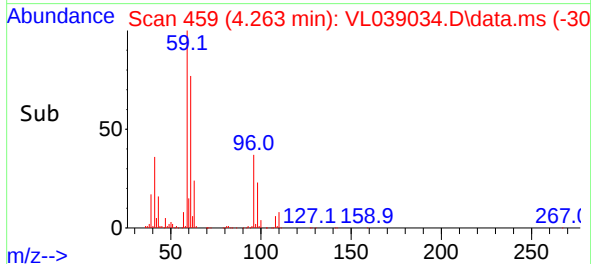
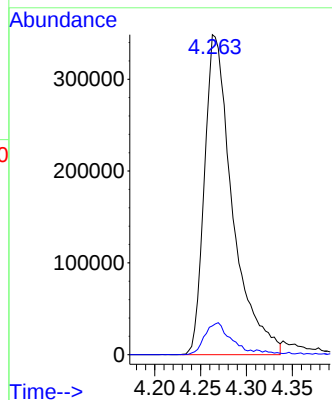
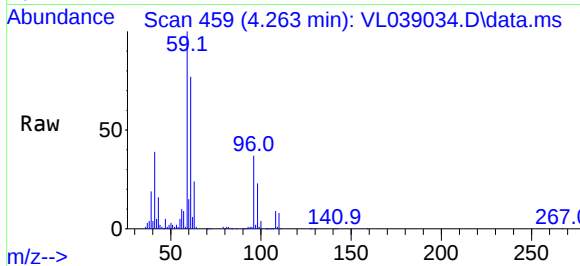
#17
tert-Butyl alcohol
Concen: 10.783 ppbv
RT: 4.263 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 740720
Ion Ratio Lower Upper
59 100
57 10.6 9.2 13.8

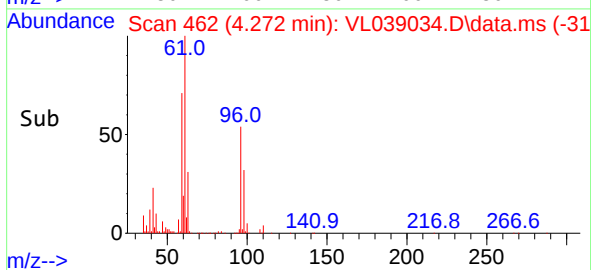
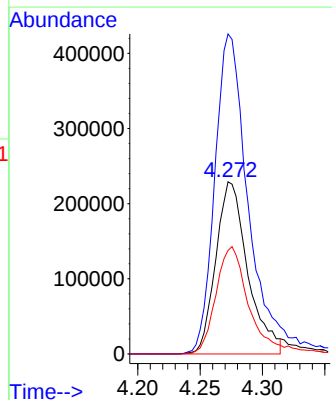
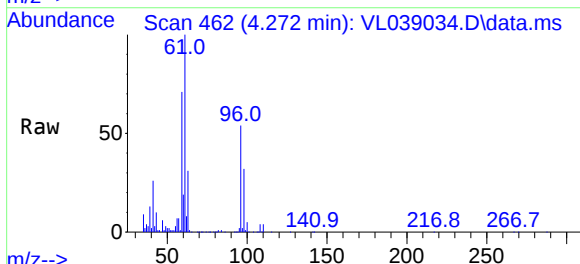
Manual Integrations
APPROVED

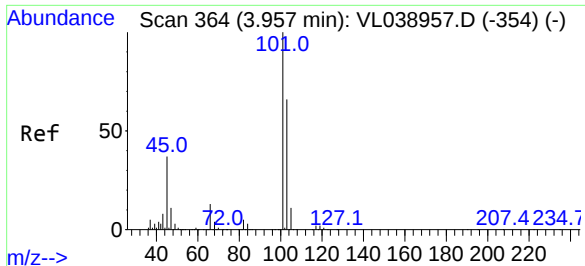
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#18
1,1-Dichloroethene
Concen: 10.826 ppbv
RT: 4.272 min Scan# 462
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

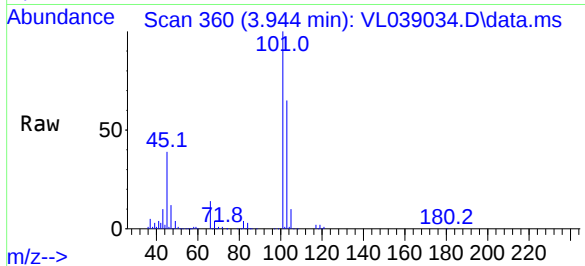
Tgt Ion: 96 Resp: 408840
Ion Ratio Lower Upper
96 100
61 185.7 146.3 219.5
98 60.1 50.6 75.8





#19
Isopropyl Alcohol
Concen: 10.811 ppbv
RT: 3.944 min Scan# 30
Delta R.T. -0.013 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

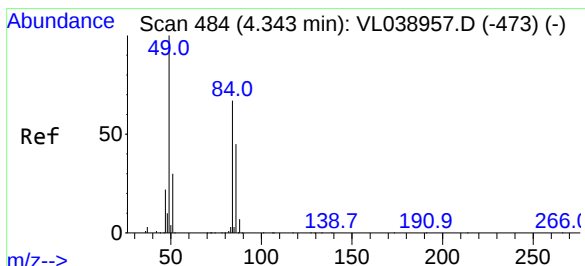
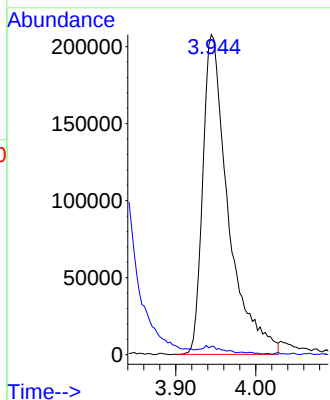
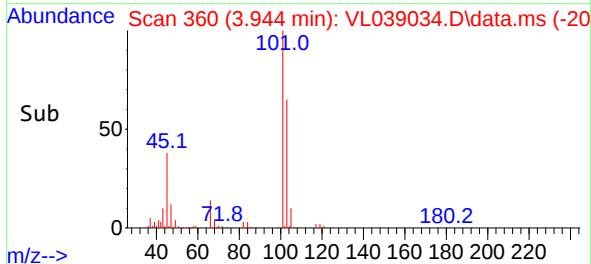
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



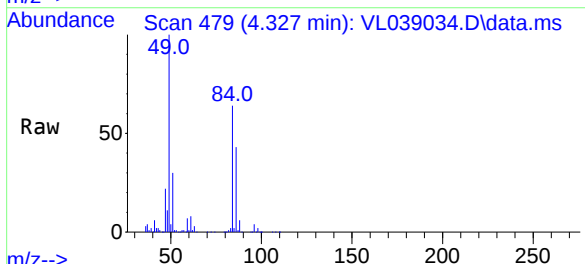
Tgt Ion: 45 Resp: 45939
Ion Ratio Lower Upper
45 100
58 2.0 1.4 2.2

Manual Integrations
APPROVED

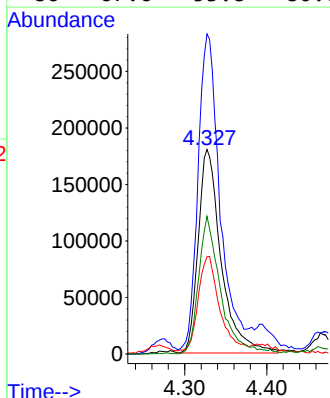
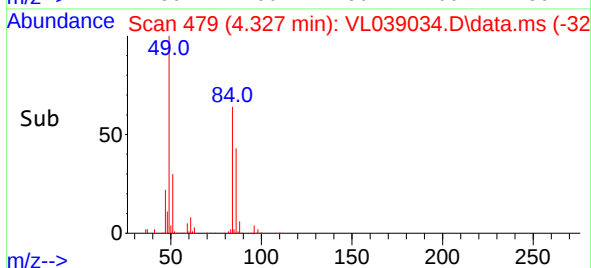
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

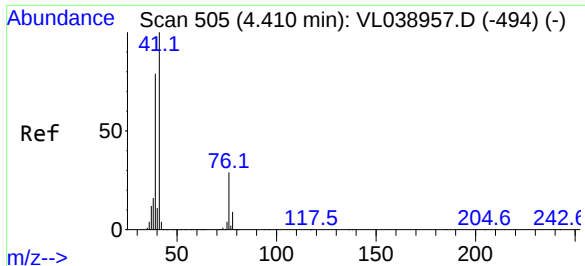


#20
Methylene Chloride
Concen: 10.403 ppbv
RT: 4.327 min Scan# 479
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



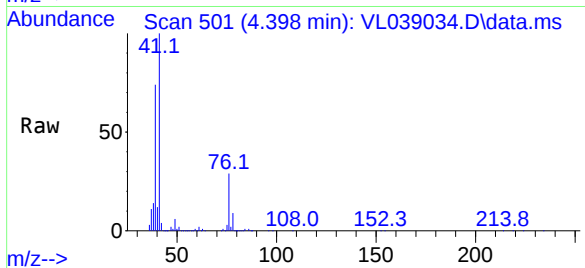
Tgt Ion: 84 Resp: 350427
Ion Ratio Lower Upper
84 100
49 155.2 119.9 179.9
51 46.3 35.7 53.5
86 67.6 53.8 80.6





#21
 Allyl Chloride
 Concen: 11.396 ppbv
 RT: 4.398 min Scan# 505
 Delta R.T. -0.013 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28

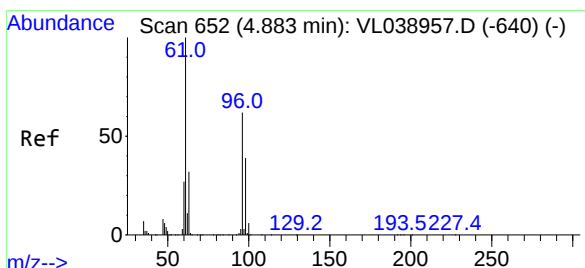
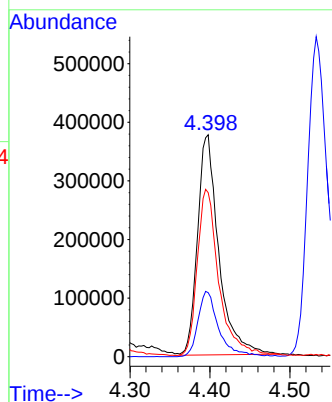
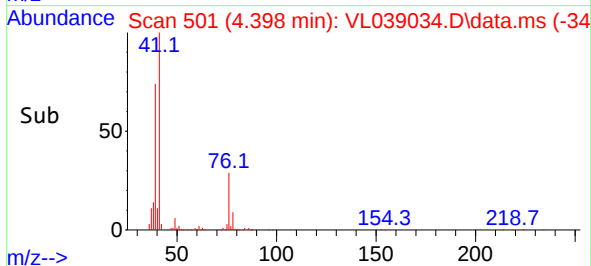
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 69406
 Ion Ratio Lower Upper
 41 100
 76 29.1 24.2 36.4
 39 77.2 63.8 95.8

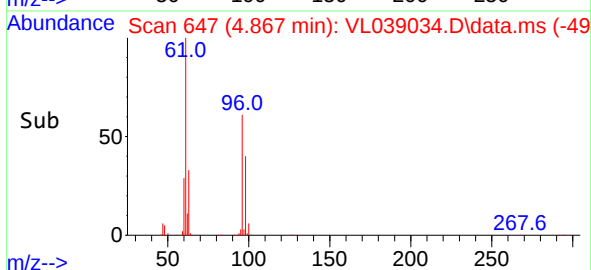
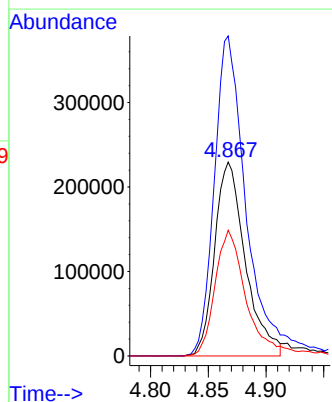
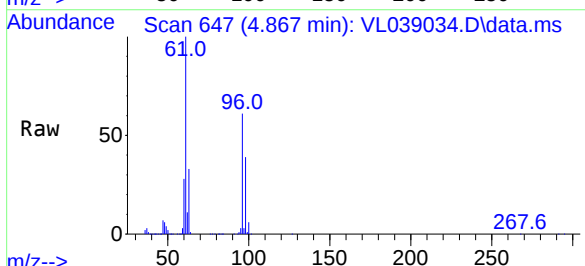
Manual Integrations
 APPROVED

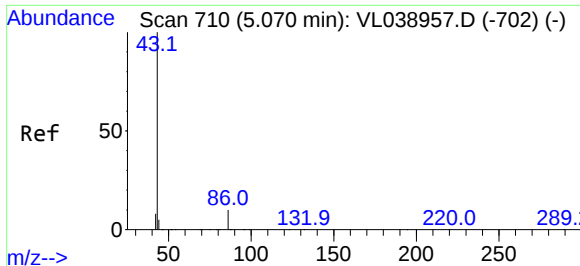
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.410 ppbv
 RT: 4.867 min Scan# 647
 Delta R.T. -0.016 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28

Tgt Ion: 96 Resp: 424629
 Ion Ratio Lower Upper
 96 100
 61 165.0 128.2 192.2
 98 64.8 50.1 75.1





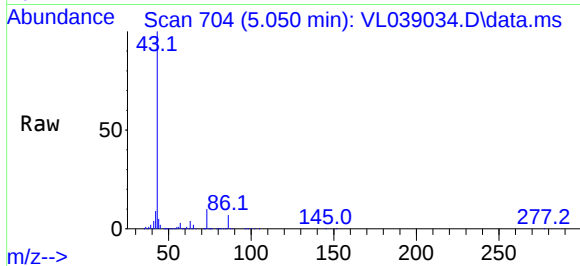
#23
 Vinyl Acetate
 Concen: 11.662 ppbv
 RT: 5.050 min Scan# 704
 Delta R.T. -0.019 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

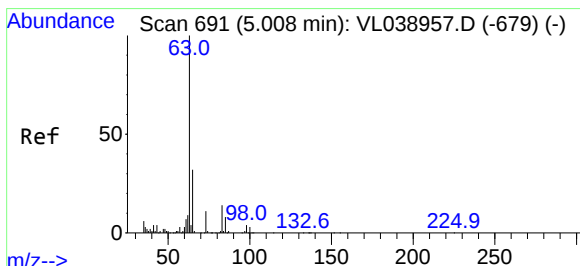
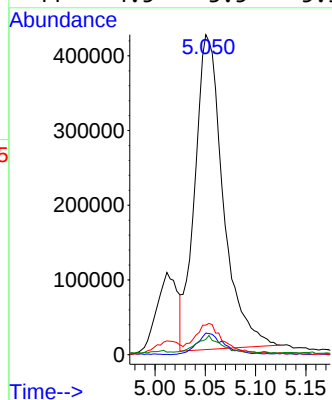
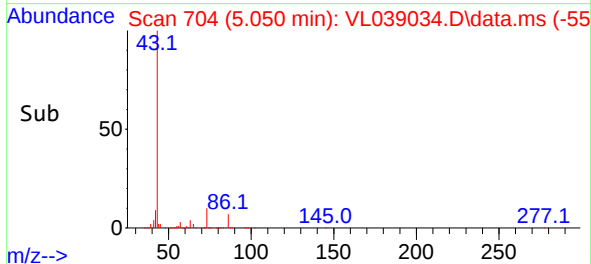


Tgt Ion: 43 Resp: 824698
 Ion Ratio Lower Upper
 43 100
 86 6.7 6.6 9.8
 42 8.8 8.1 12.1
 44 4.5 3.5 5.3

Manual Integrations

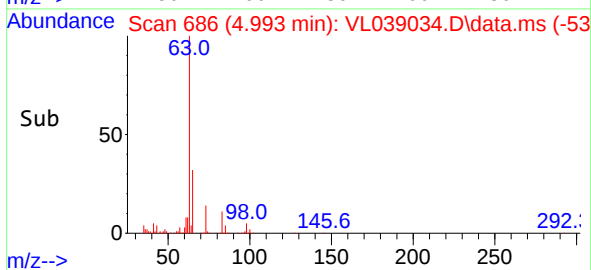
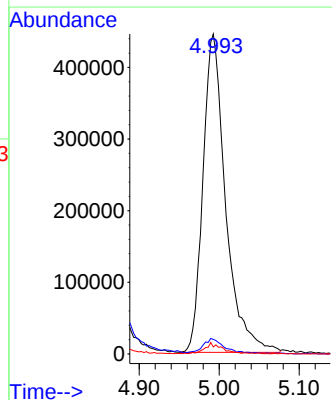
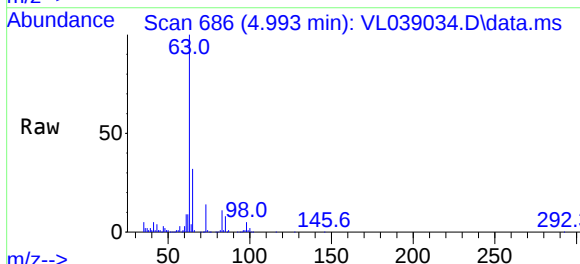
APPROVED

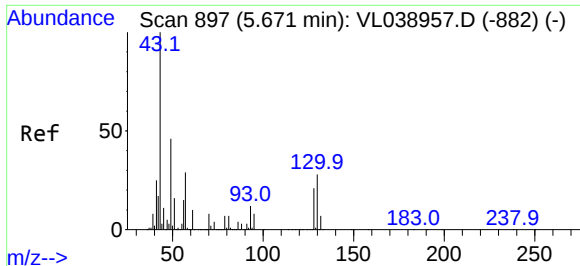
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#24
 1,1-Dichloroethane
 Concen: 10.779 ppbv
 RT: 4.993 min Scan# 686
 Delta R.T. -0.016 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28

Tgt Ion: 63 Resp: 877754
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.1 6.2
 100 2.1 1.4 4.2





#25
Ethyl Acetate
Concen: 11.371 ppbv
RT: 5.655 min Scan# 891
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

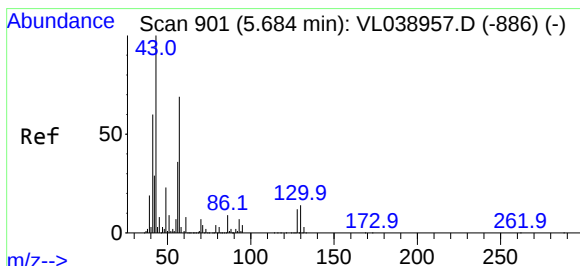
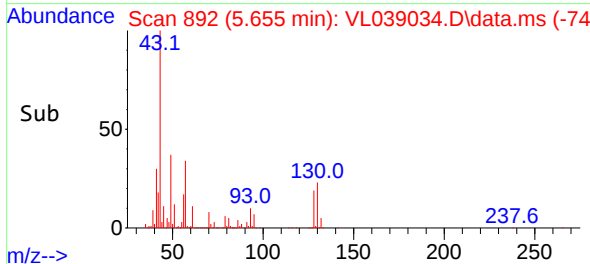
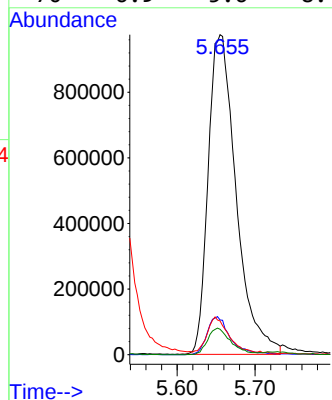
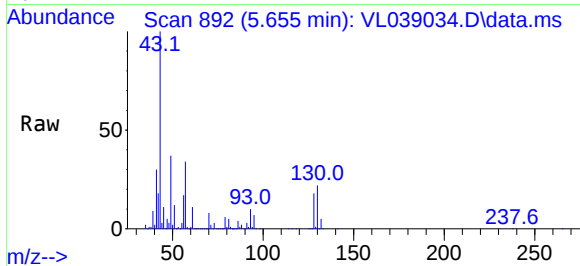
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 243251

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.1	12.1
61	9.3	7.8	11.6
70	6.9	5.6	8.4

Manual Integrations
APPROVED

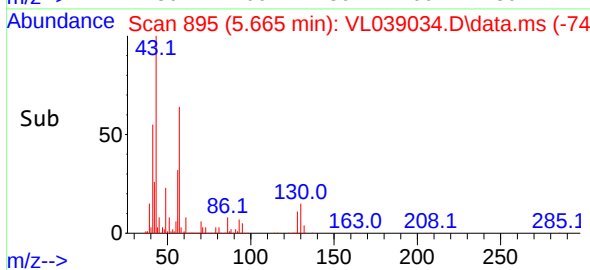
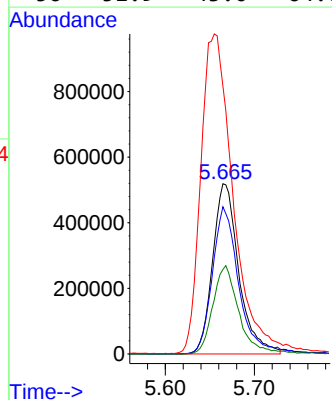
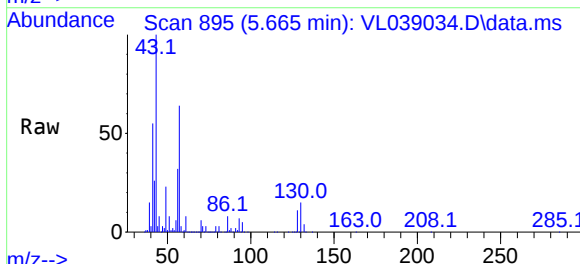
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

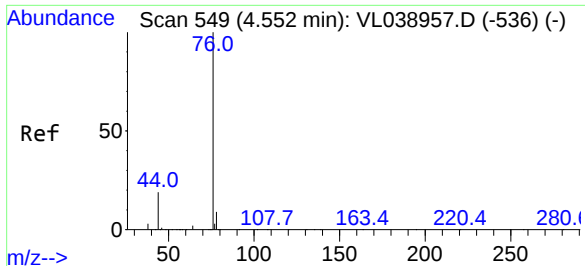


#26
Hexane
Concen: 11.155 ppbv
RT: 5.665 min Scan# 895
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 57 Resp: 1060294

Ion	Ratio	Lower	Upper
57	100		
41	88.4	75.2	112.8
43	234.2	190.8	286.2
56	51.9	43.0	64.6





#27

Carbon Disulfide

Concen: 11.749 ppbv

RT: 4.533 min Scan# 549

Delta R.T. -0.019 min

Lab File: VL039034.D

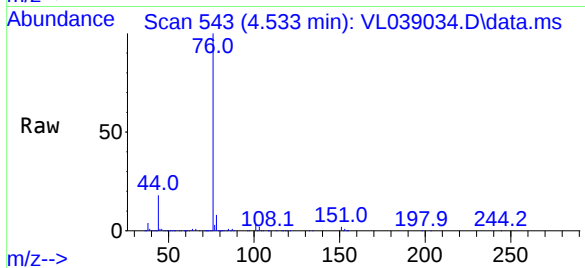
Acq: 13 May 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 76 Resp: 106086

Ion Ratio Lower Upper

76 100

44 18.7 15.3 22.9

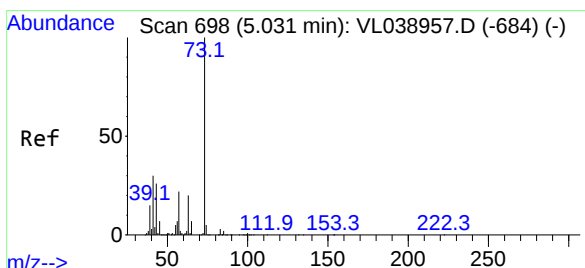
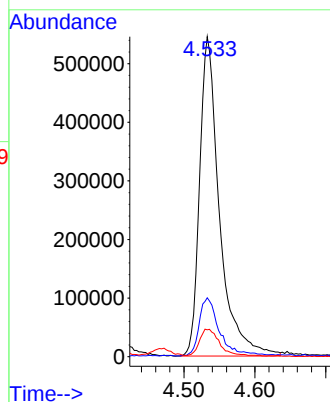
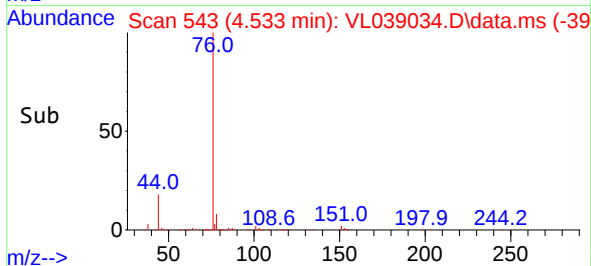
78 9.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022

Supervised By :Mahesh Dadoda 05/17/2022



#28

Methyl tert-Butyl Ether

Concen: 11.361 ppbv

RT: 5.015 min Scan# 693

Delta R.T. -0.016 min

Lab File: VL039034.D

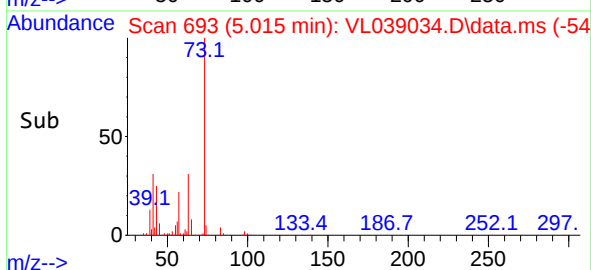
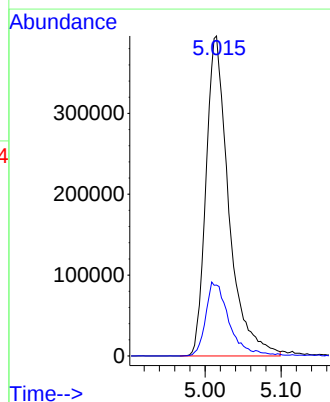
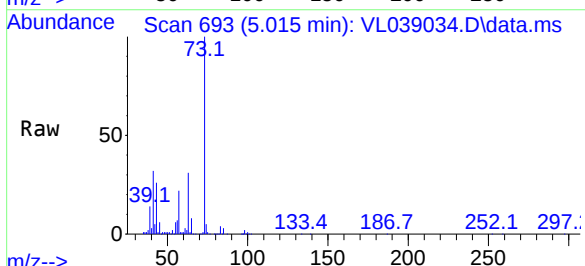
Acq: 13 May 2022 12:28

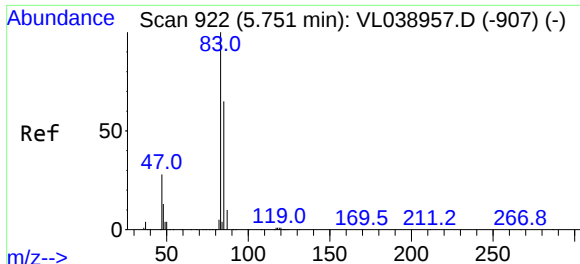
Tgt Ion: 73 Resp: 821575

Ion Ratio Lower Upper

73 100

57 24.2 18.8 28.2





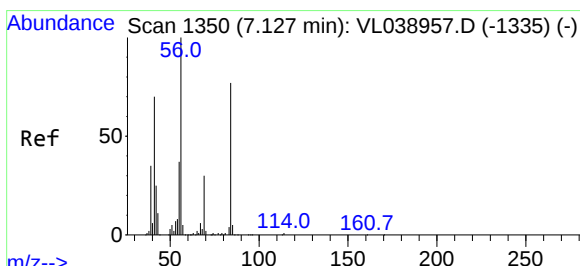
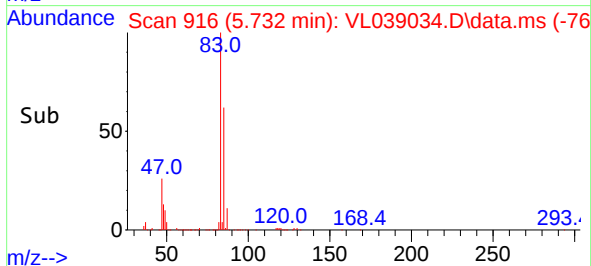
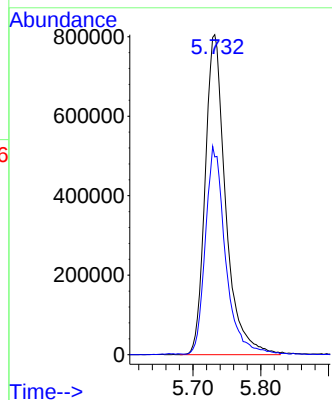
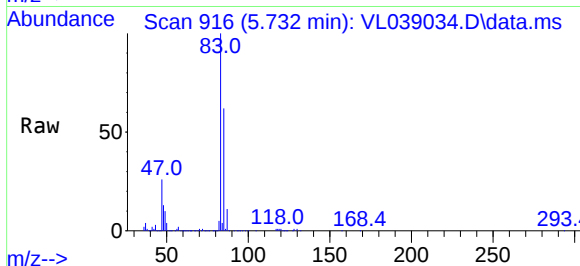
#29
Chloroform
Concen: 10.997 ppbv
RT: 5.732 min Scan# 916
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 169105
Ion Ratio Lower Upper
83 100
85 61.5 51.8 77.6

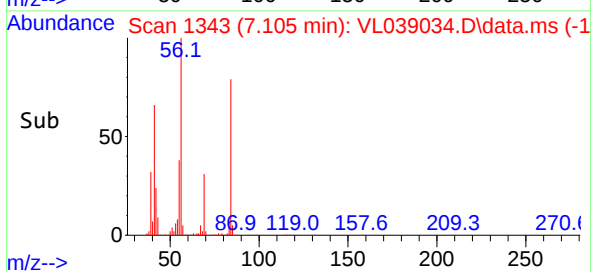
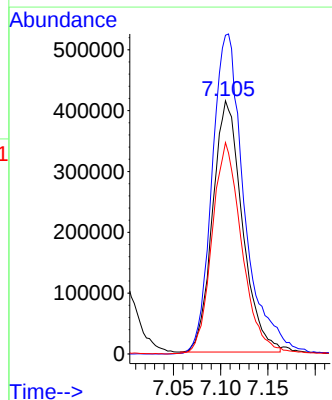
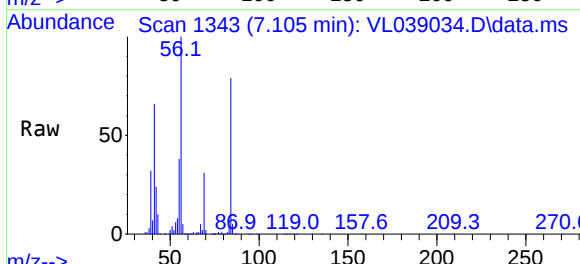
Manual Integrations
APPROVED

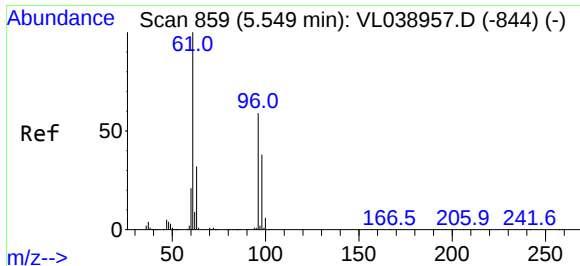
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#30
Cyclohexane
Concen: 11.340 ppbv
RT: 7.105 min Scan# 1343
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

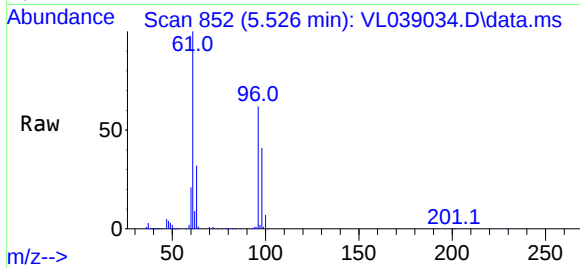
Tgt Ion: 84 Resp: 902394
Ion Ratio Lower Upper
84 100
56 139.8 115.3 172.9
41 85.4 72.0 108.0





#31
 cis-1,2-Dichloroethene
 Concen: 11.049 ppbv
 RT: 5.526 min Scan# 81
 Delta R.T. -0.022 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28

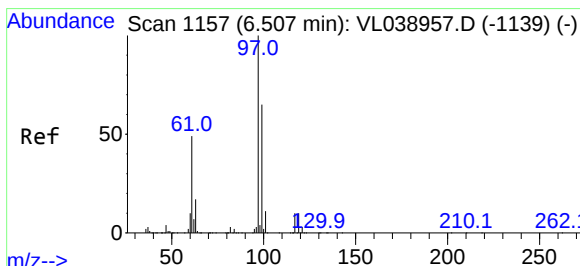
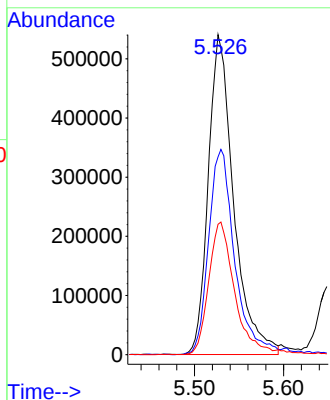
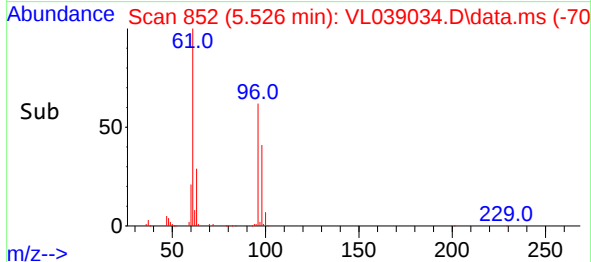
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



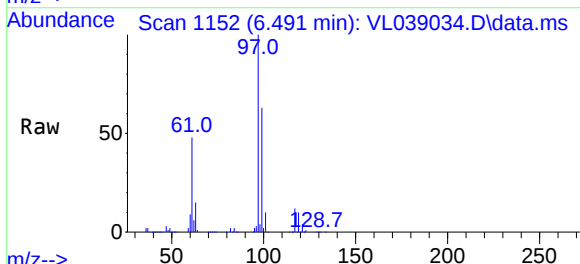
Tgt Ion: 61 Resp: 106988
 Ion Ratio Lower Upper
 61 100
 96 61.8 47.4 71.0
 98 40.7 30.6 45.8

Manual Integrations
 APPROVED

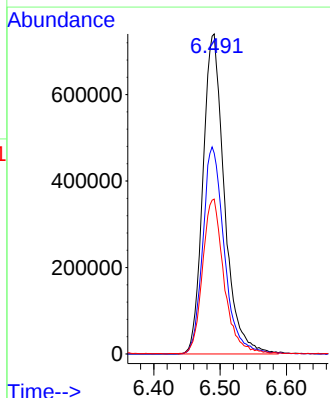
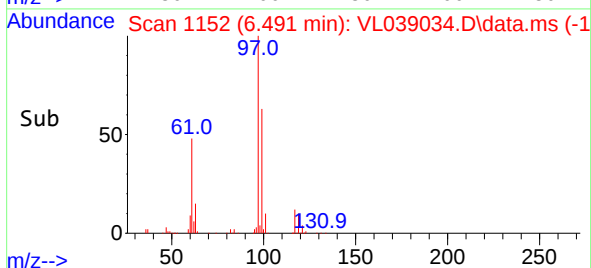
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/17/2022

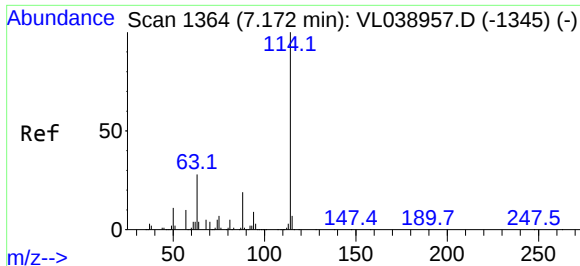


#32
 1,1,1-Trichloroethane
 Concen: 10.823 ppbv
 RT: 6.491 min Scan# 1152
 Delta R.T. -0.016 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28



Tgt Ion: 97 Resp: 1664200
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.9 77.9
 61 48.5 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.150 min Scan# 114
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

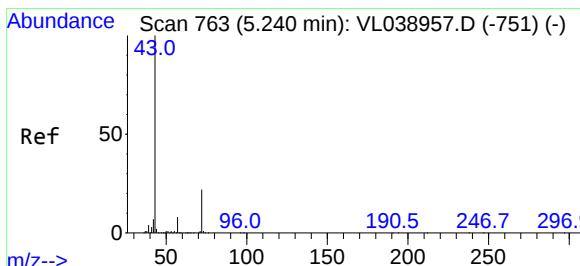
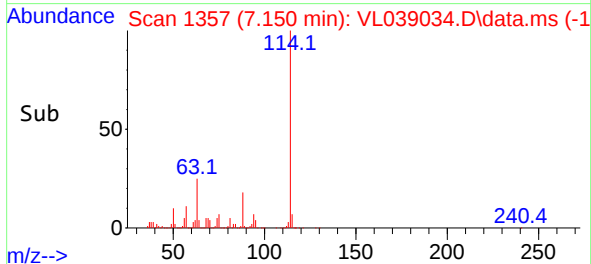
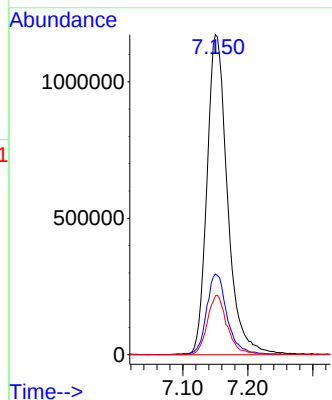
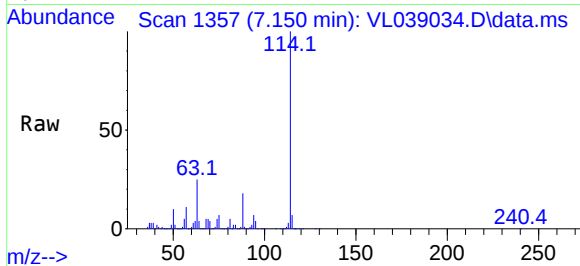
VSTDCCC010

Tgt Ion:114 Resp: 2574084
Ion Ratio Lower Upper
114 100
63 25.9 22.6 33.8
88 18.2 15.4 23.0

Manual Integrations

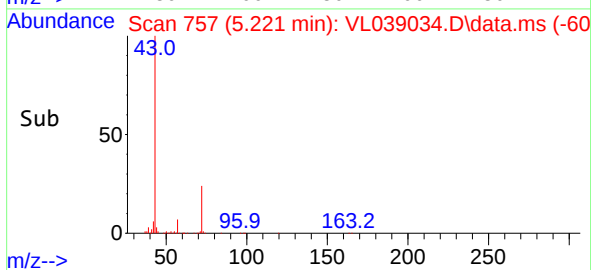
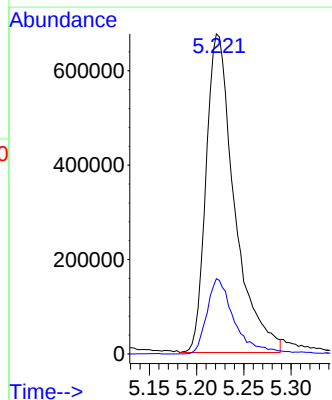
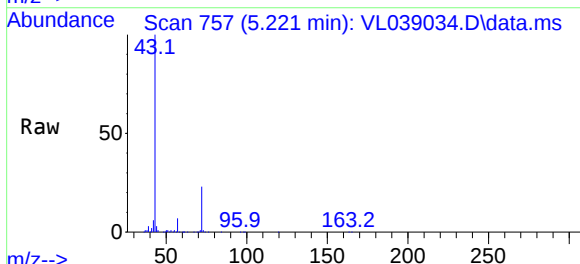
APPROVED

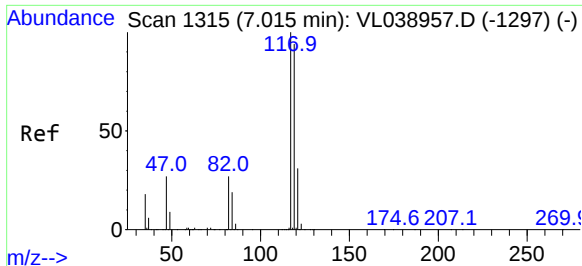
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#34
2-Butanone
Concen: 10.746 ppbv
RT: 5.221 min Scan# 757
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 43 Resp: 1411240
Ion Ratio Lower Upper
43 100
72 23.5 17.8 26.6





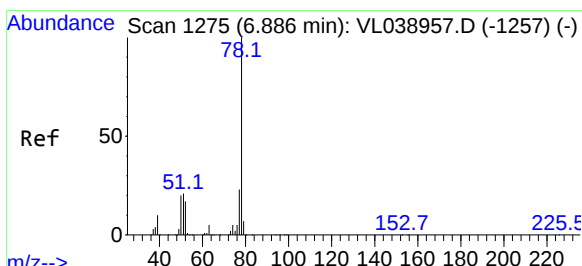
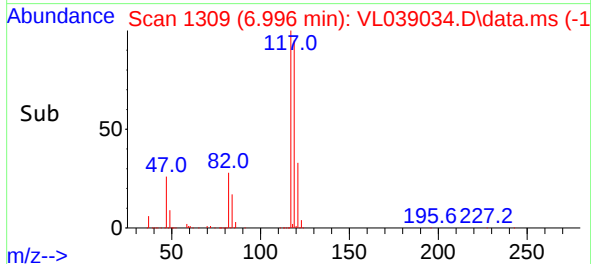
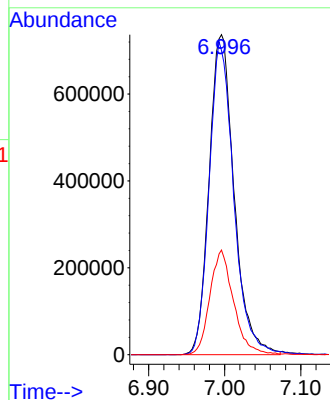
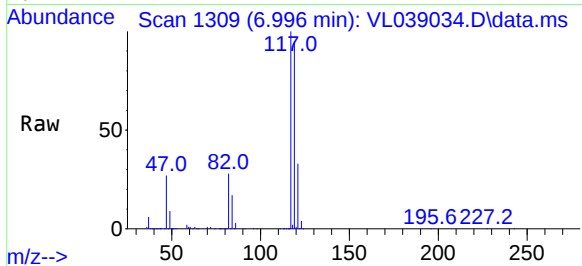
#35
Carbon Tetrachloride
Concen: 9.915 ppbv
RT: 6.996 min Scan# 117
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 117 Resp: 168168
Ion Ratio Lower Upper
117 100
119 95.0 75.2 112.8
121 32.7 24.6 37.0

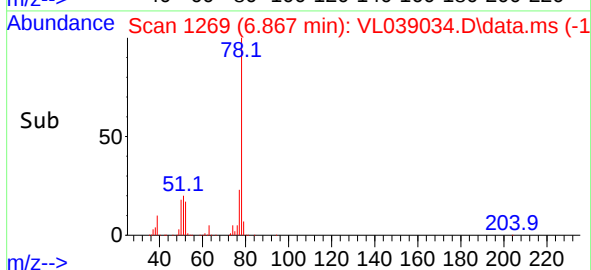
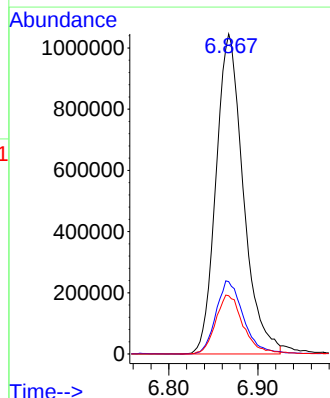
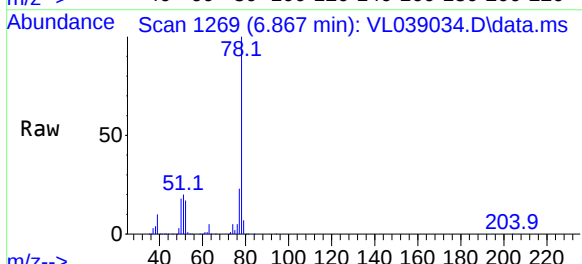
Manual Integrations
APPROVED

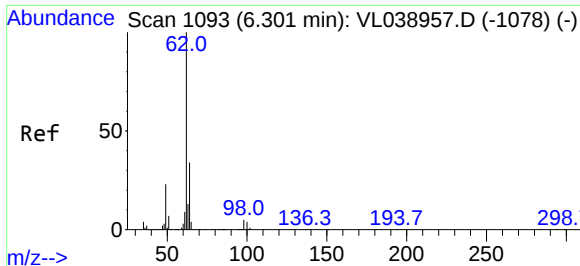
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#36
Benzene
Concen: 10.104 ppbv
RT: 6.867 min Scan# 1269
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

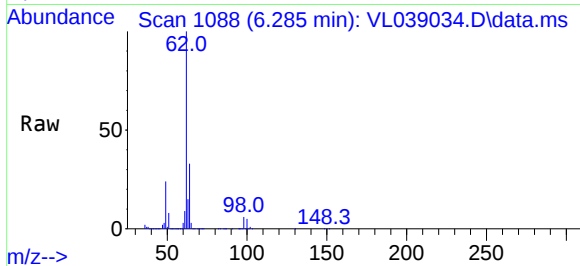
Tgt Ion: 78 Resp: 2225883
Ion Ratio Lower Upper
78 100
77 22.6 18.6 28.0
50 18.2 15.6 23.4





#37
1,2-Dichloroethane
Concen: 9.299 ppbv
RT: 6.285 min Scan# 1093
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

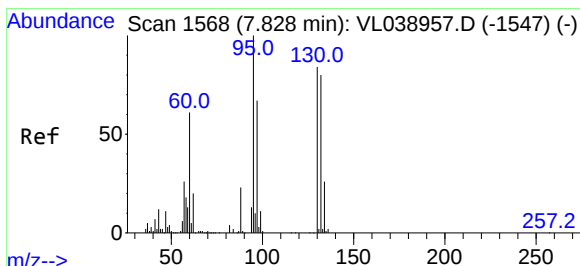
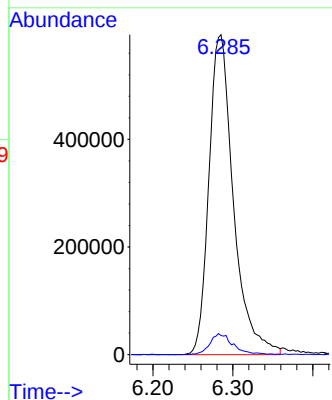
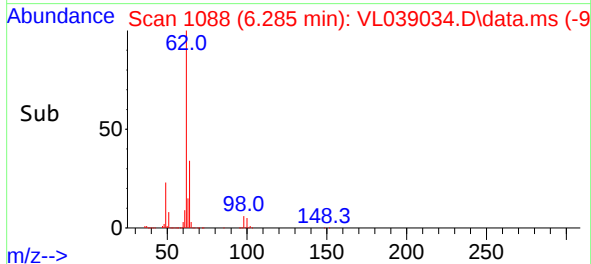
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 1267389
Ion Ratio Lower Upper
62 100
98 6.3 4.5 6.7

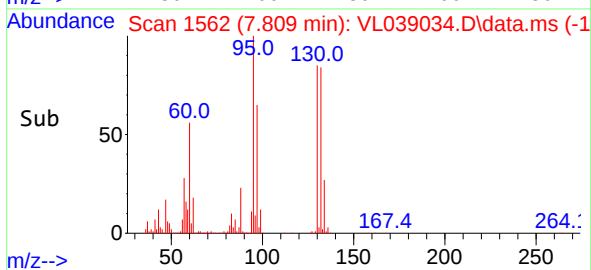
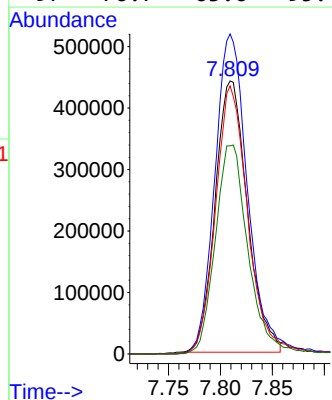
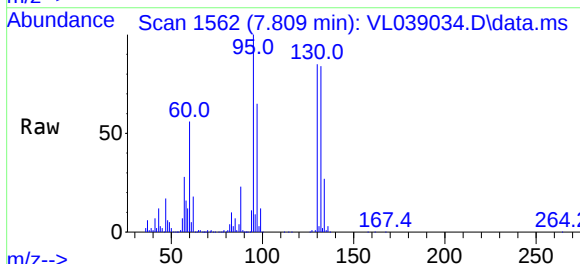
Manual Integrations
APPROVED

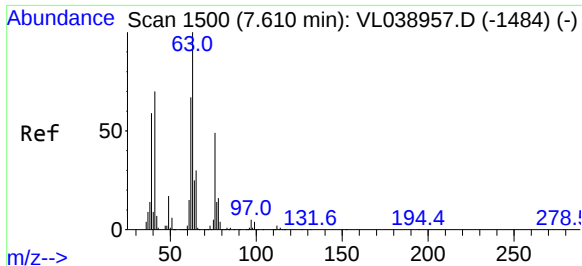
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#38
Trichloroethene
Concen: 9.707 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

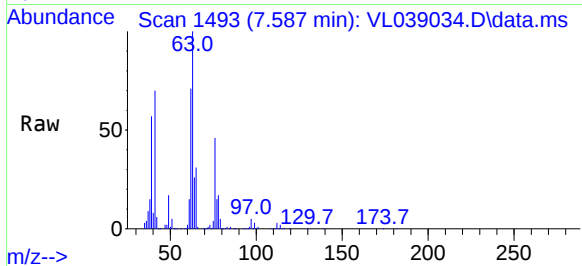
Tgt Ion:130 Resp: 950632
Ion Ratio Lower Upper
130 100
95 117.8 94.8 142.2
132 98.7 75.8 113.8
97 76.7 63.6 95.4





#39
1,2-Dichloropropane
Concen: 9.952 ppbv
RT: 7.587 min Scan# 14
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

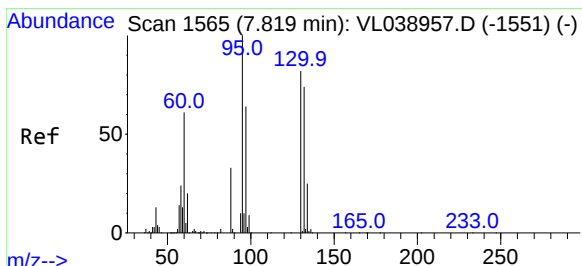
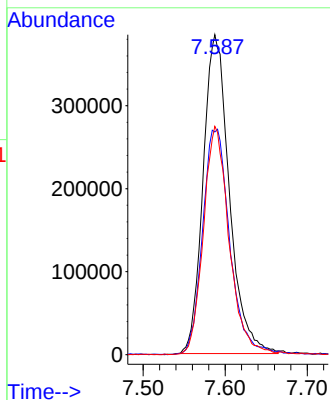
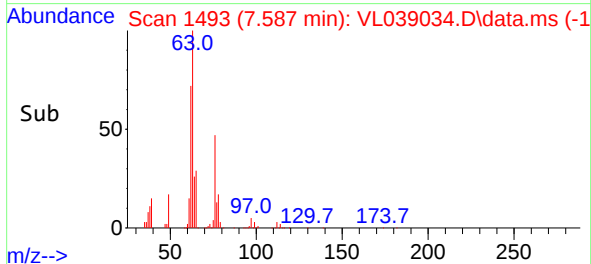
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 852998
Ion Ratio Lower Upper
63 100
41 69.5 55.9 83.9
62 71.4 53.8 80.6

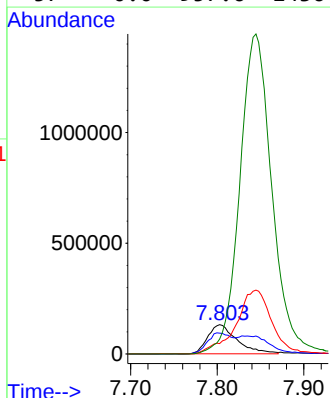
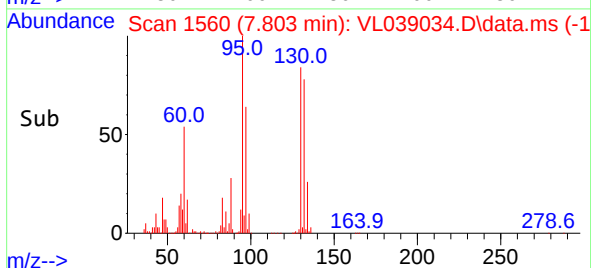
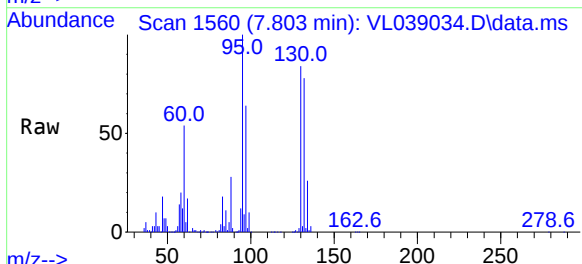
Manual Integrations
APPROVED

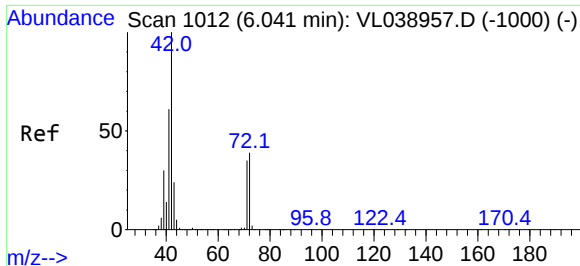
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#40
1,4-Dioxane
Concen: 10.014 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

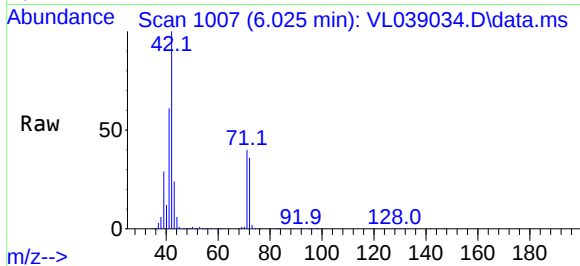
Tgt Ion: 88 Resp: 308269
Ion Ratio Lower Upper
88 100
58 68.1 106.1 159.1#
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





#41
Tetrahydrofuran
Concen: 10.385 ppbv
RT: 6.025 min Scan# 1012
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

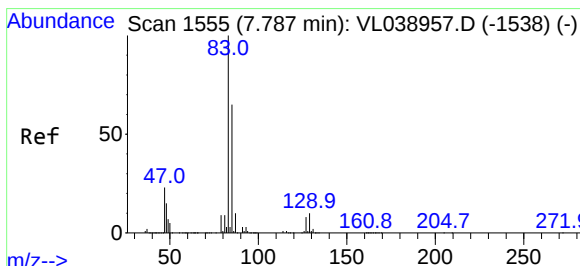
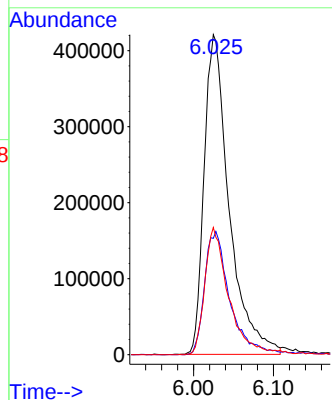
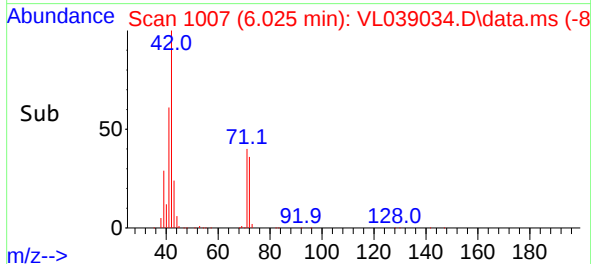
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



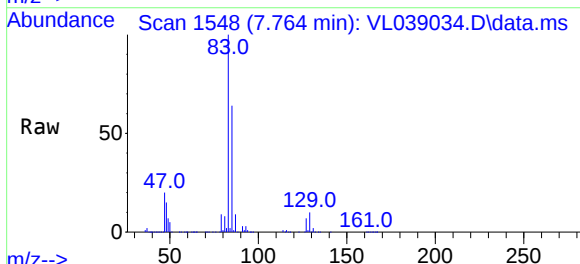
Tgt Ion: 42 Resp: 916598
Ion Ratio Lower Upper
42 100
72 39.7 31.8 47.6
71 38.8 30.6 45.8

Manual Integrations
APPROVED

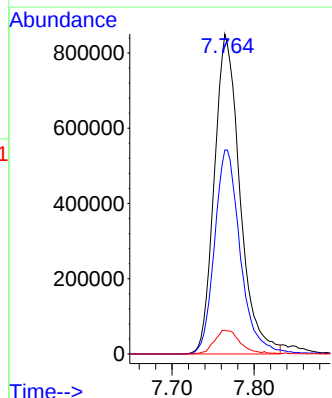
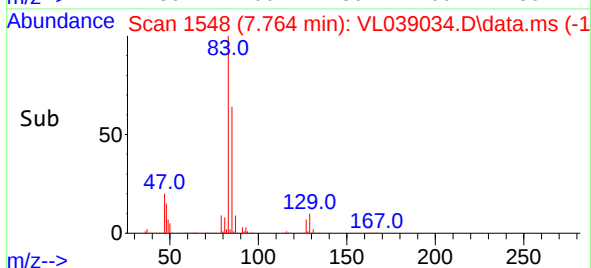
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

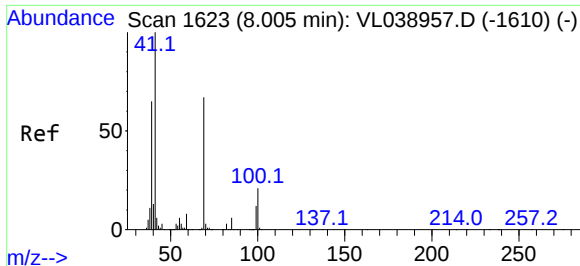


#42
Bromodichloromethane
Concen: 9.894 ppbv
RT: 7.764 min Scan# 1548
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



Tgt Ion: 83 Resp: 1843632
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0
127 7.4 6.0 9.0





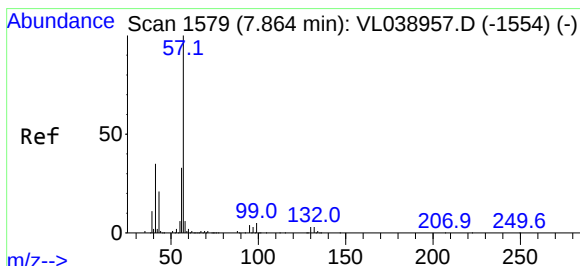
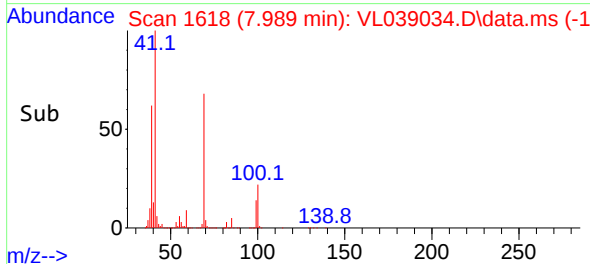
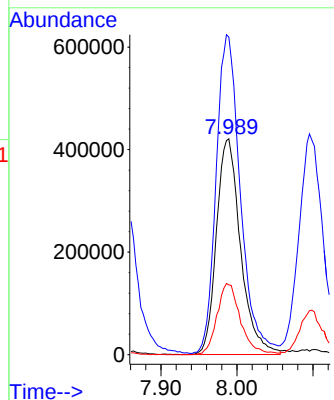
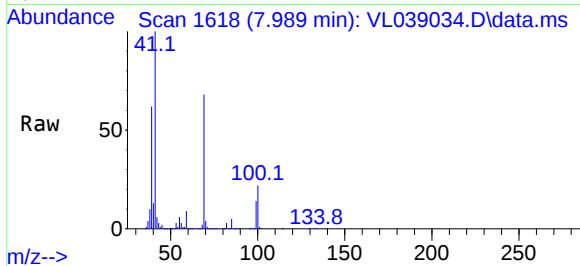
#43
Methyl Methacrylate
Concen: 10.361 ppbv
RT: 7.989 min Scan# 1618
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 92658
Ion Ratio Lower Upper
69 100
41 148.7 121.9 182.9
100 32.1 24.6 36.8

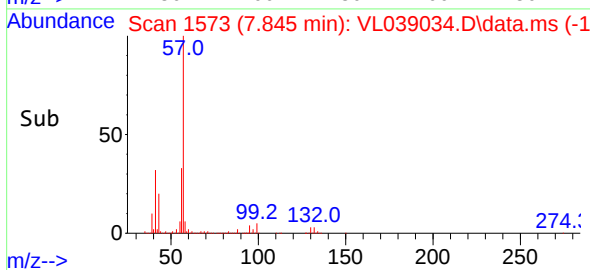
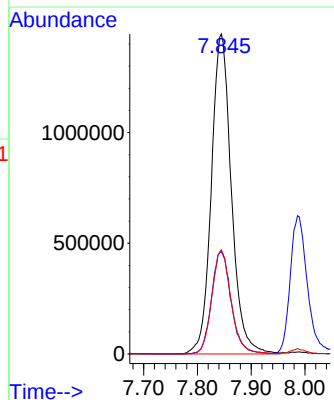
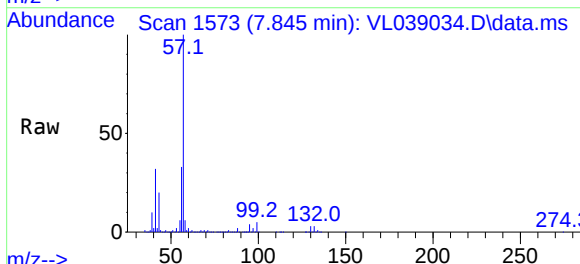
Manual Integrations
APPROVED

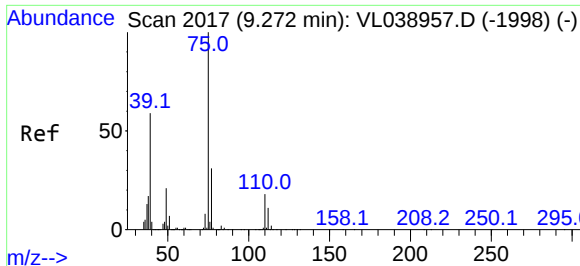
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#44
2,2,4-Trimethylpentane
Concen: 9.672 ppbv
RT: 7.845 min Scan# 1573
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 57 Resp: 3738740
Ion Ratio Lower Upper
57 100
41 31.3 26.3 39.5
56 31.3 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 12.052 ppbv
RT: 9.253 min Scan# 2011
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

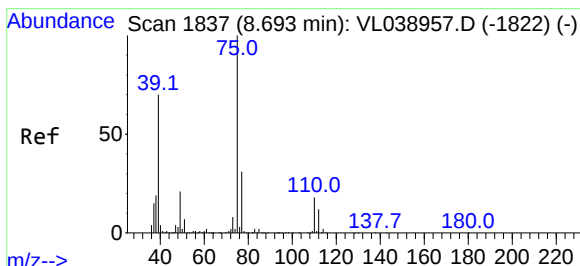
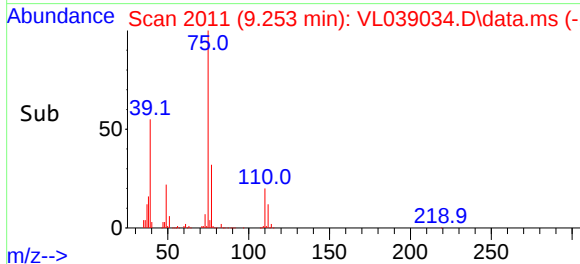
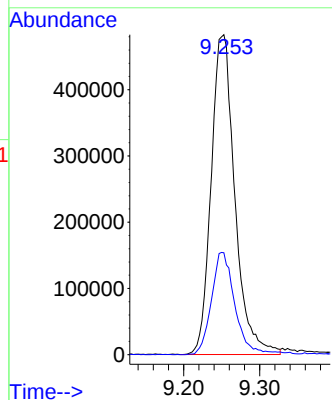
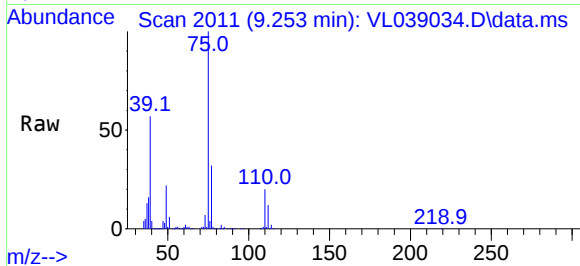
VSTDCCC010

Tgt Ion: 75 Resp: 1043304
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0

Manual Integrations

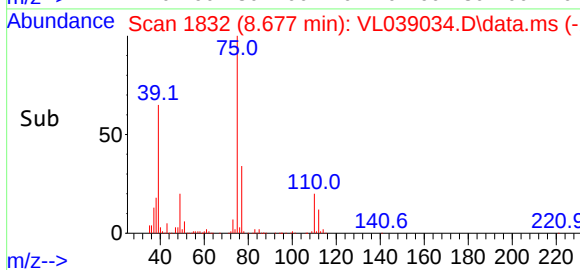
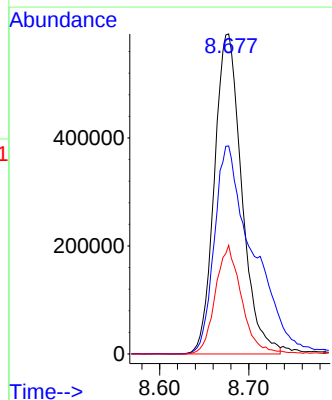
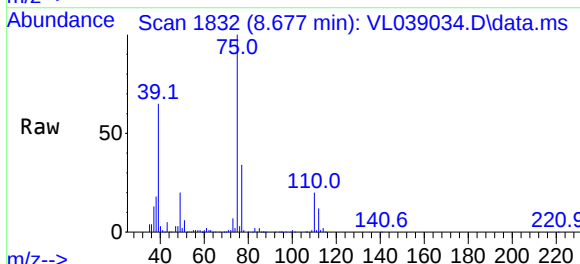
APPROVED

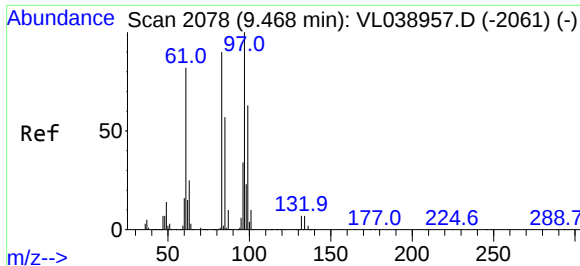
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#46
cis-1,3-Dichloropropene
Concen: 11.028 ppbv
RT: 8.677 min Scan# 1832
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 75 Resp: 1265945
Ion Ratio Lower Upper
75 100
39 64.9 55.8 83.6
77 33.9 24.8 37.2





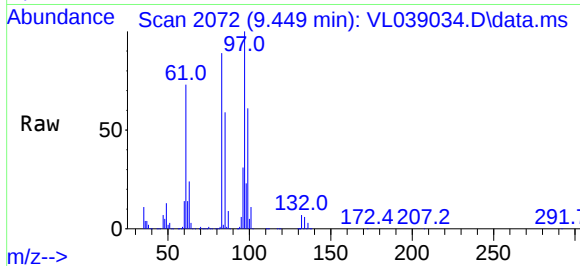
#47
1,1,2-Trichloroethane
Concen: 10.262 ppbv
RT: 9.449 min Scan# 2078
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

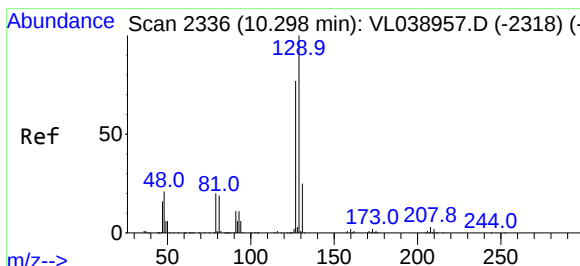
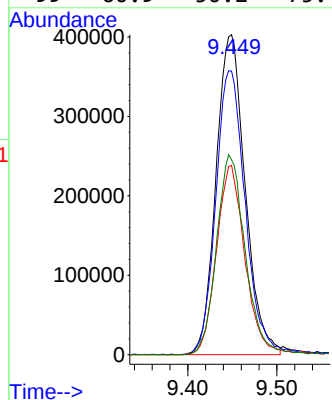
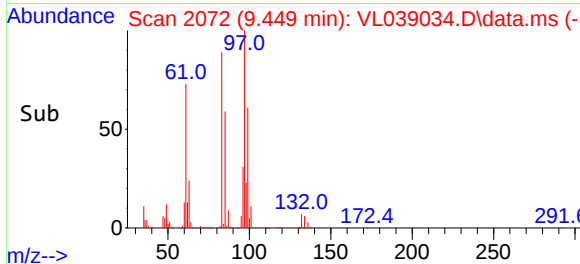


Tgt Ion: 97 Resp: 91483
Ion Ratio Lower Upper
97 100
83 88.5 72.0 108.0
85 59.1 45.7 68.5
99 60.9 50.2 75.4

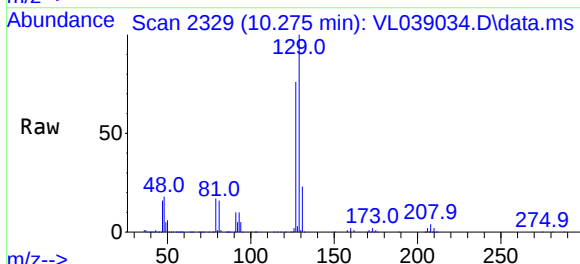
Manual Integrations

APPROVED

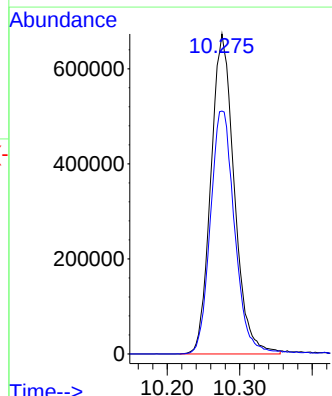
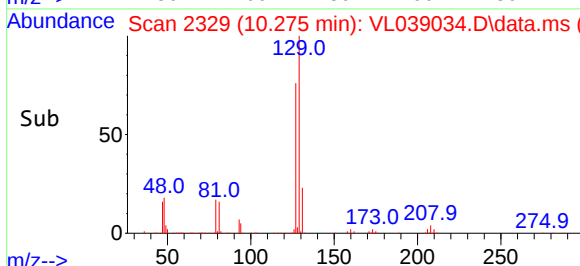
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

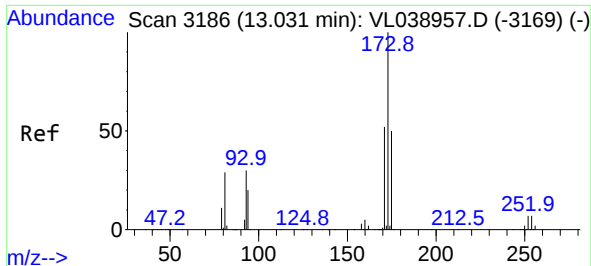


#48
Dibromochloromethane
Concen: 10.409 ppbv
RT: 10.275 min Scan# 2329
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



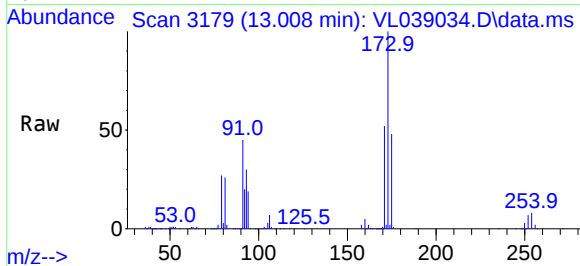
Tgt Ion:129 Resp: 1510317
Ion Ratio Lower Upper
129 100
127 79.3 39.3 117.9





#49
Bromoform
Concen: 11.045 ppbv
RT: 13.008 min Scan# 3186
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

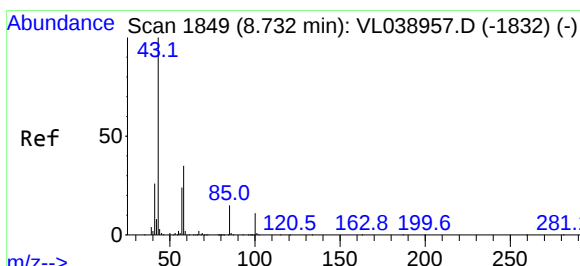
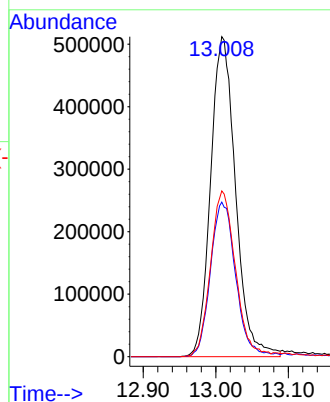
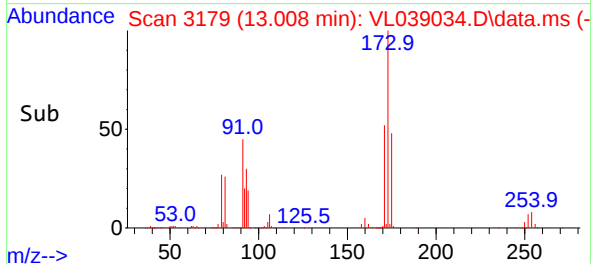
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



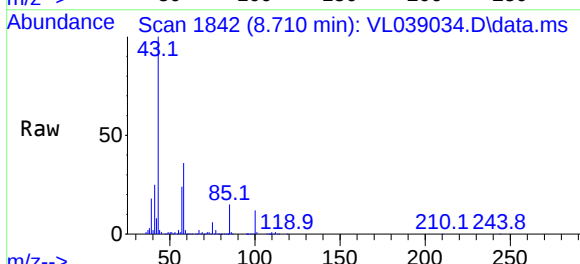
Tgt Ion:173 Resp: 1222215
Ion Ratio Lower Upper
173 100
175 50.0 41.0 61.6
171 53.1 42.6 64.0

Manual Integrations
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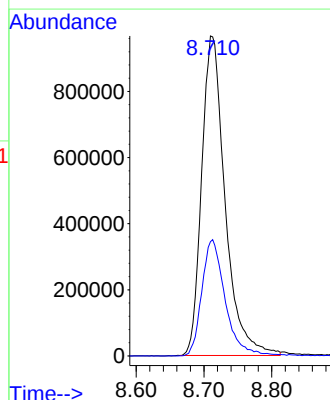
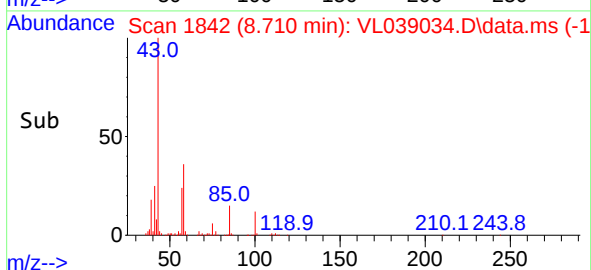
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

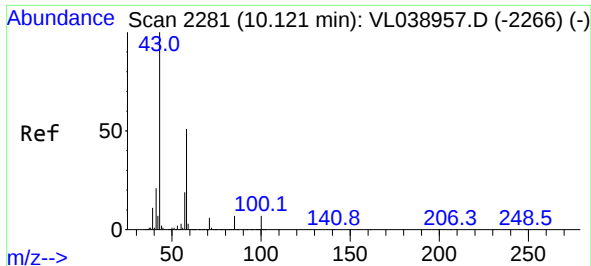


#50
4-Methyl-2-Pentanone
Concen: 10.093 ppbv
RT: 8.710 min Scan# 1842
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



Tgt Ion: 43 Resp: 2324250
Ion Ratio Lower Upper
43 100
58 36.7 28.4 42.6





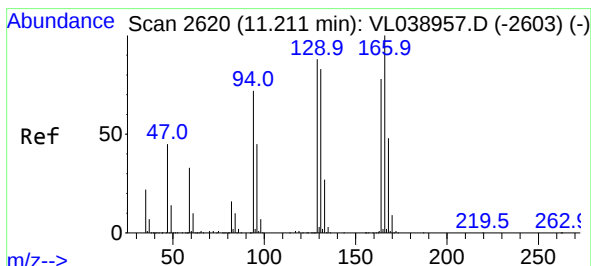
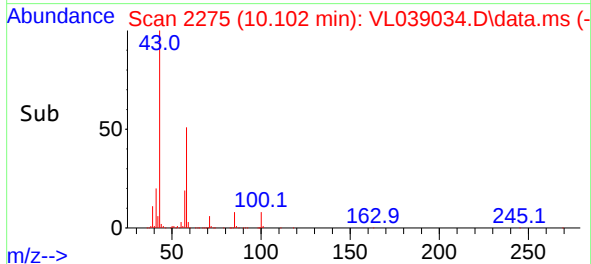
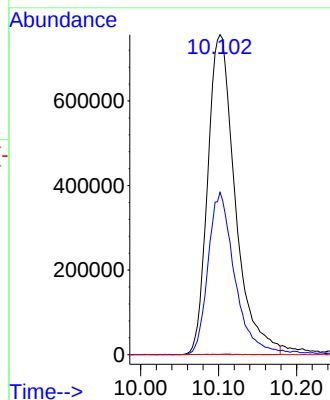
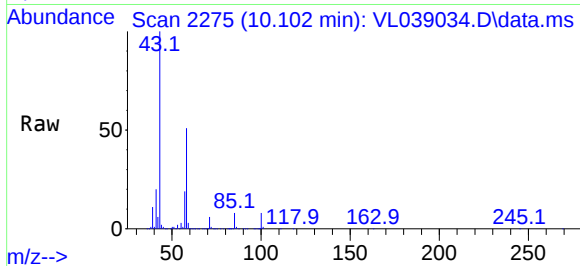
#51
2-Hexanone
Concen: 11.007 ppbv
RT: 10.102 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1849909
Ion Ratio Lower Upper
43 100
58 50.4 39.3 58.9
98 0.2 0.2 0.2

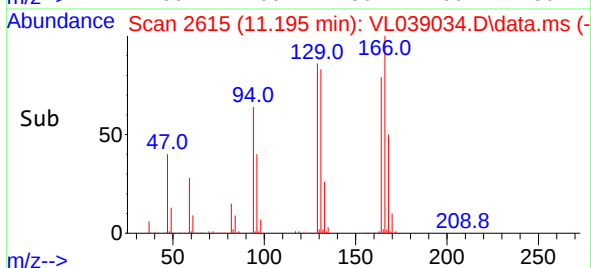
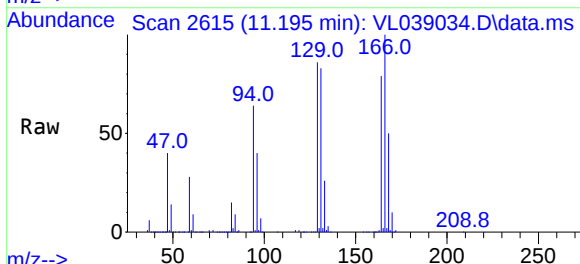
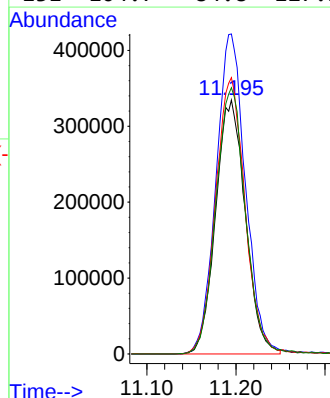
Manual Integrations
APPROVED

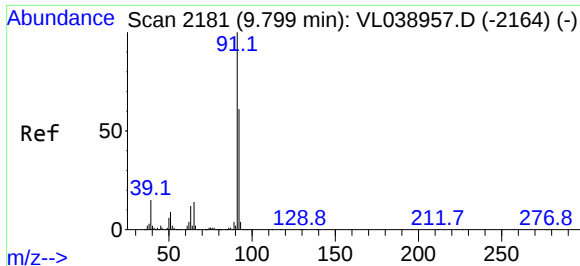
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#52
Tetrachloroethene
Concen: 9.830 ppbv
RT: 11.195 min Scan# 2615
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

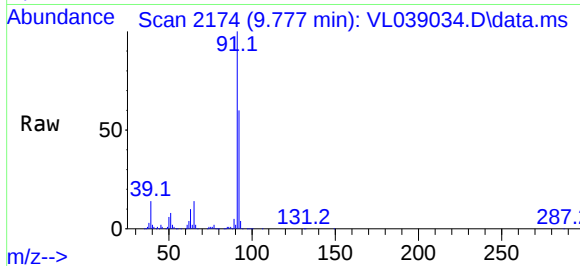
Tgt Ion:164 Resp: 773795
Ion Ratio Lower Upper
164 100
166 125.9 102.5 153.7
129 108.8 90.1 135.1
131 104.7 84.8 127.2





#53
Toluene
Concen: 10.537 ppbv
RT: 9.777 min Scan# 2181
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

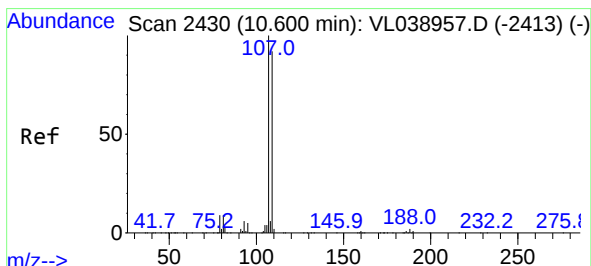
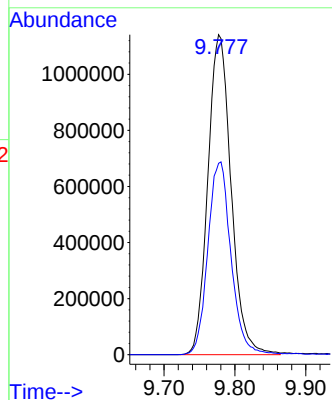
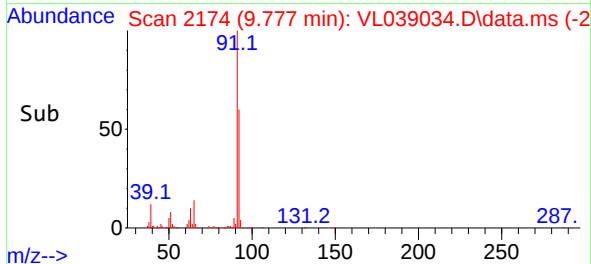
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



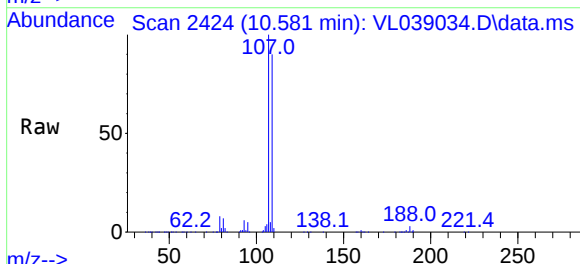
Tgt Ion: 91 Resp: 2601510
Ion Ratio Lower Upper
91 100
92 60.2 48.2 72.2

Manual Integrations
APPROVED

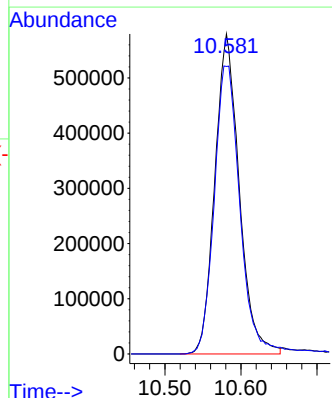
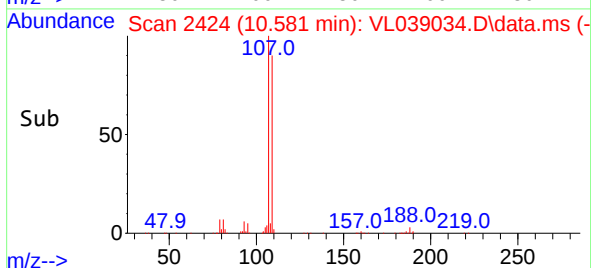
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

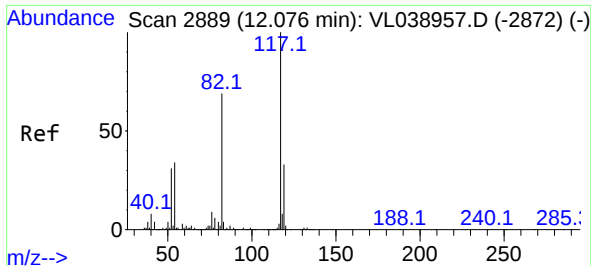


#54
1,2-Dibromoethane
Concen: 10.622 ppbv
RT: 10.581 min Scan# 2424
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



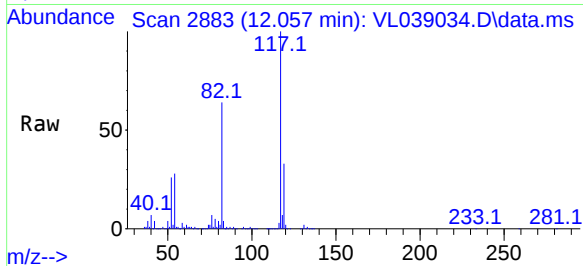
Tgt Ion:107 Resp: 1289065
Ion Ratio Lower Upper
107 100
109 89.9 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.057 min Scan# 2883
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

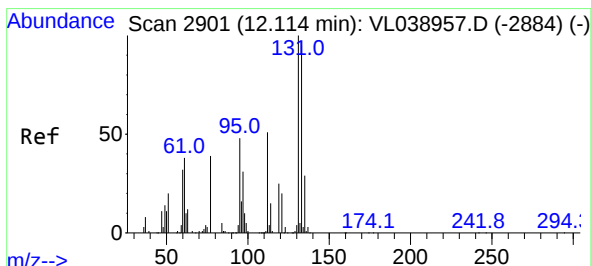
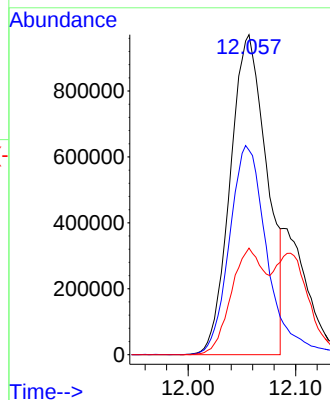
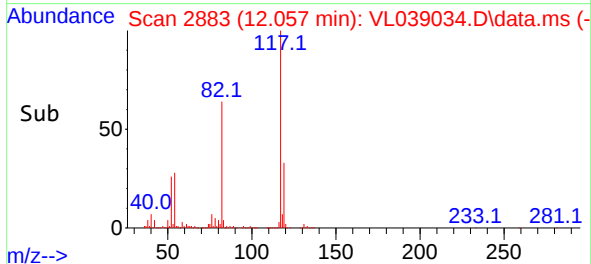
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



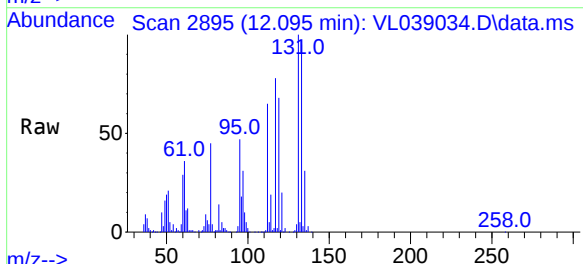
Tgt Ion:117 Resp: 2302778
Ion Ratio Lower Upper
117 100
82 68.4 57.0 85.6
119 33.2 27.2 40.8

Manual Integrations
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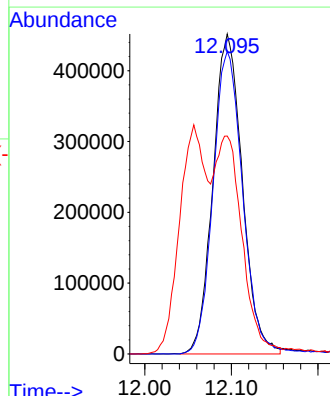
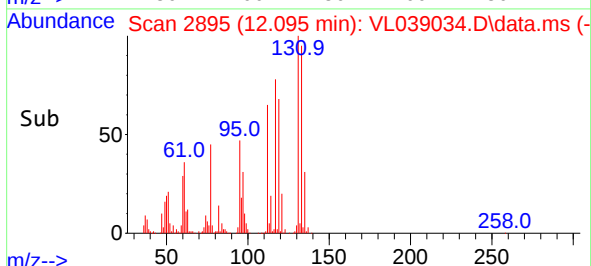
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

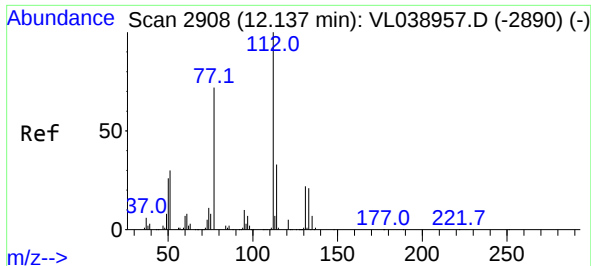


#56
1,1,1,2-Tetrachloroethane
Concen: 10.495 ppbv
RT: 12.095 min Scan# 2895
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



Tgt Ion:131 Resp: 1060416
Ion Ratio Lower Upper
131 100
133 96.6 76.9 115.3
119 60.6 47.4 71.0





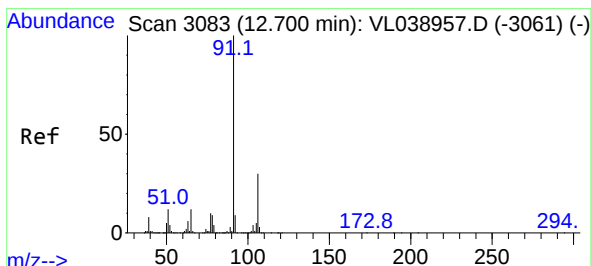
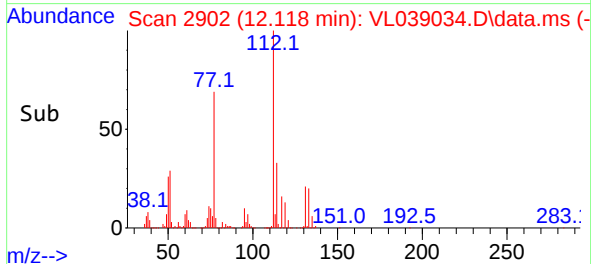
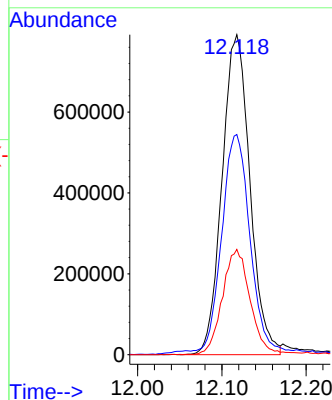
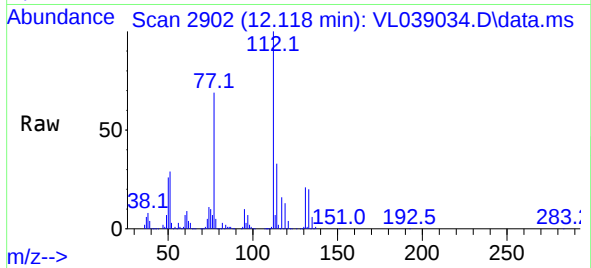
#57
Chlorobenzene
Concen: 10.521 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 112 Resp: 181603
Ion Ratio Lower Upper
112 100
77 67.7 57.7 86.5
114 32.8 30.1 36.7

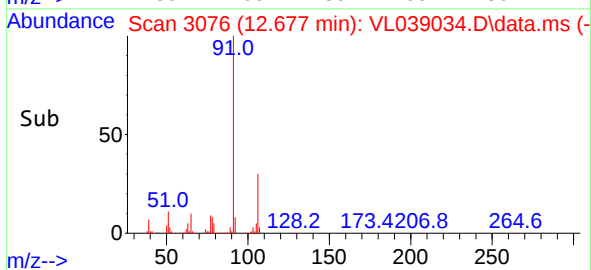
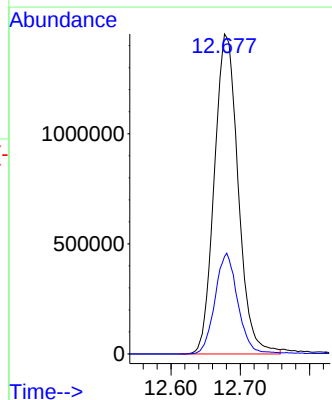
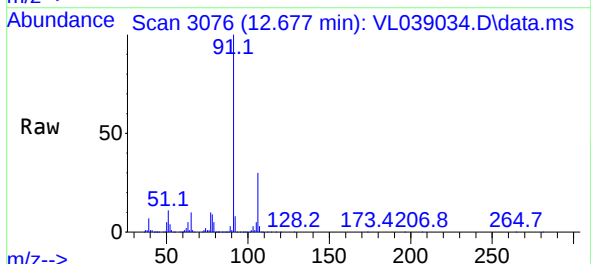
Manual Integrations
APPROVED

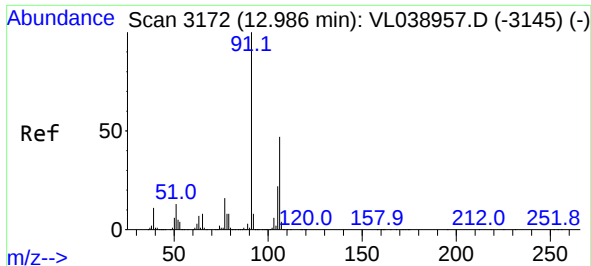
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#58
Ethyl Benzene
Concen: 10.485 ppbv
RT: 12.677 min Scan# 3076
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 91 Resp: 3474756
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4





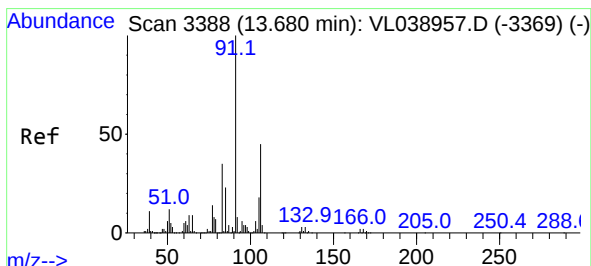
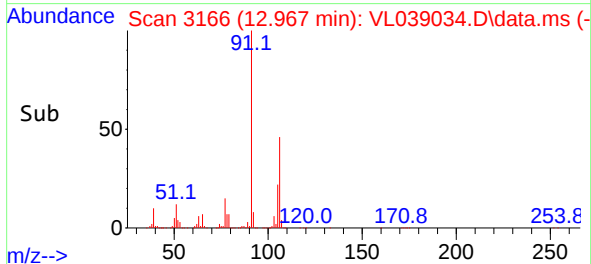
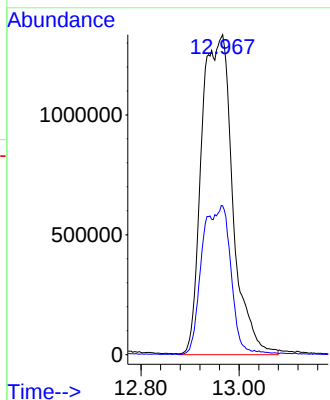
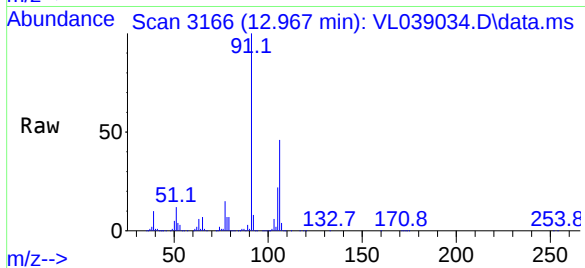
#59
m/p-Xylene
Concen: 20.621 ppbv m
RT: 12.967 min Scan# 3172
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 583398
Ion Ratio Lower Upper
91 100
106 43.7 34.6 52.0

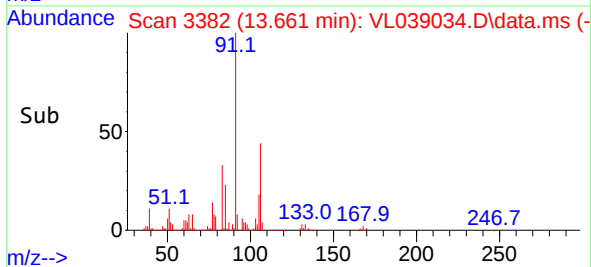
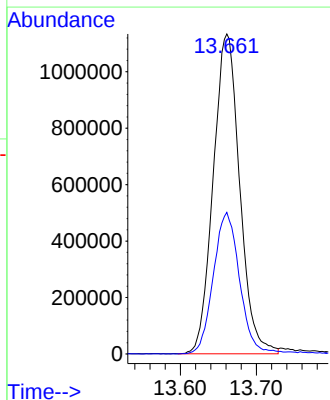
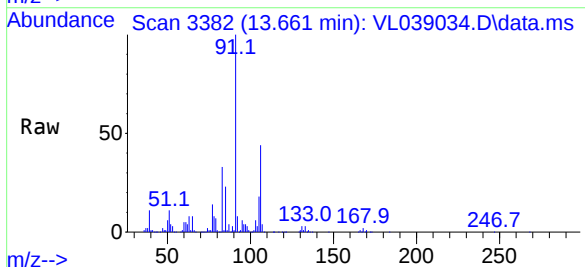
Manual Integrations
APPROVED

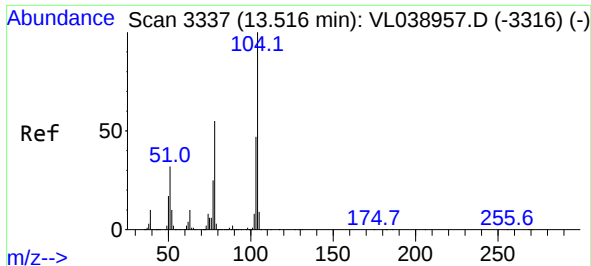
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#60
o-Xylene
Concen: 10.286 ppbv
RT: 13.661 min Scan# 3382
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 91 Resp: 2739040
Ion Ratio Lower Upper
91 100
106 44.4 22.2 66.6





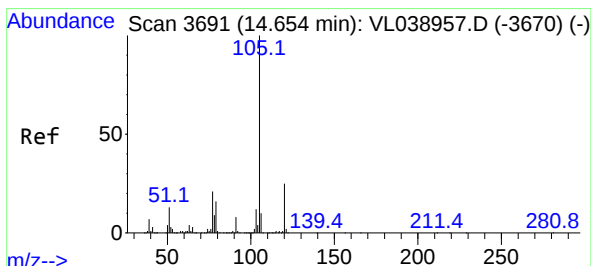
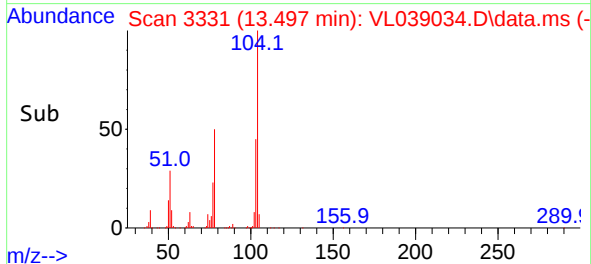
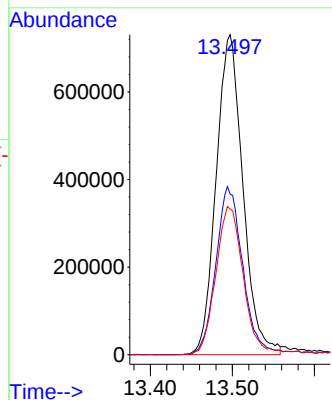
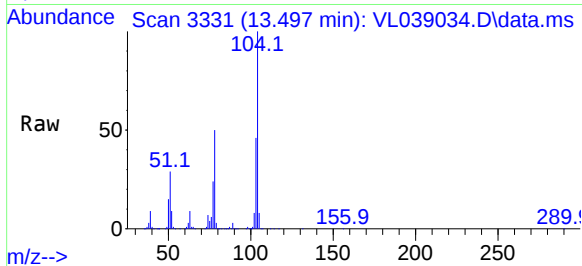
#61
Styrene
Concen: 11.653 ppbv
RT: 13.497 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 165647
Ion Ratio Lower Upper
104 100
78 53.6 46.4 69.6
103 48.3 39.3 58.9

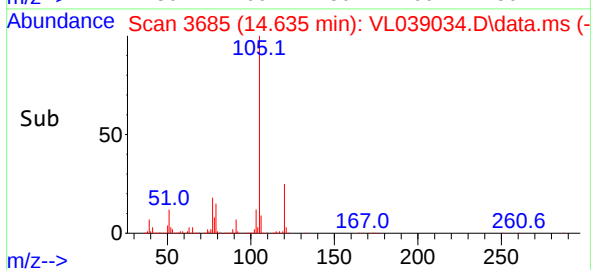
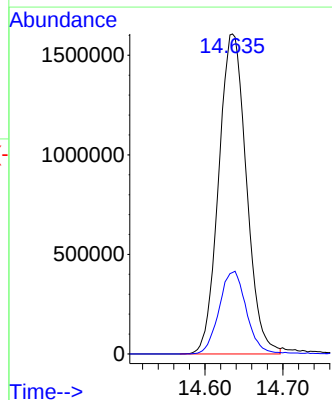
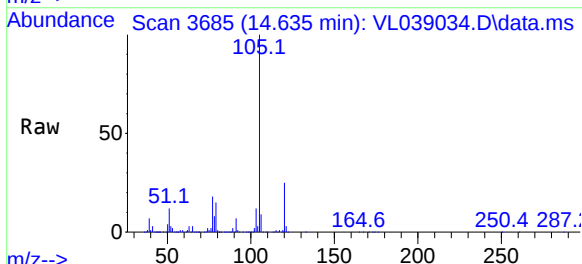
Manual Integrations
APPROVED

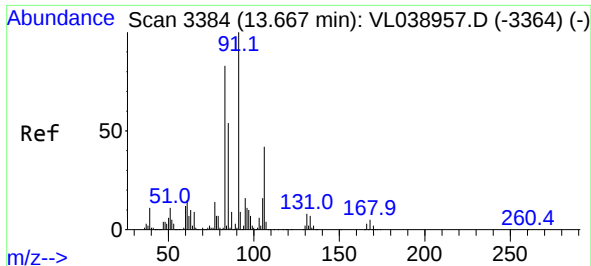
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#62
Isopropylbenzene
Concen: 10.201 ppbv
RT: 14.635 min Scan# 3685
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

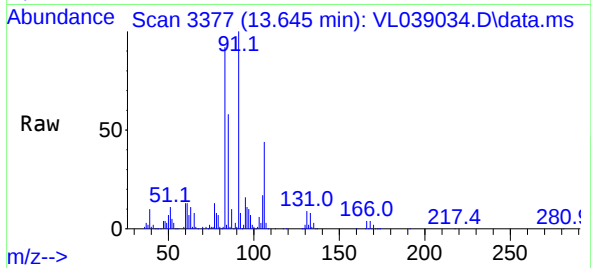
Tgt Ion:105 Resp: 3972304
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 9.946 ppbv
RT: 13.645 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

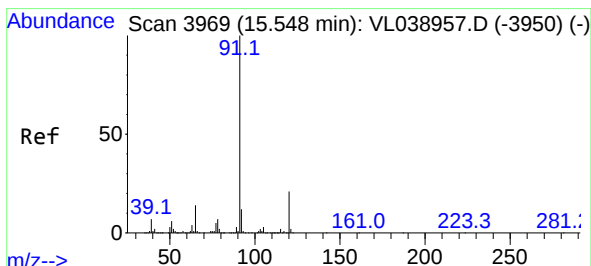
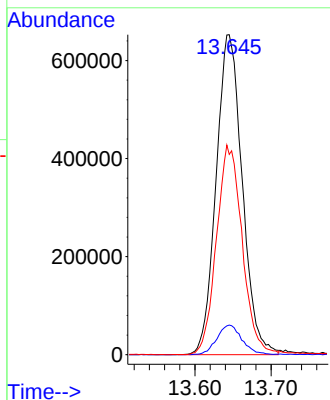
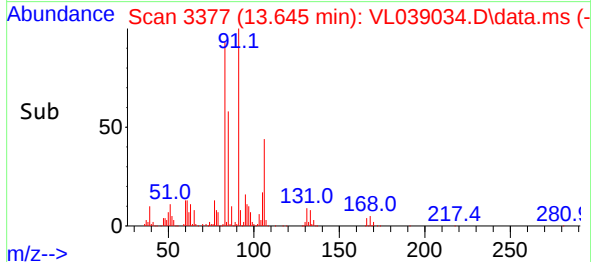
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



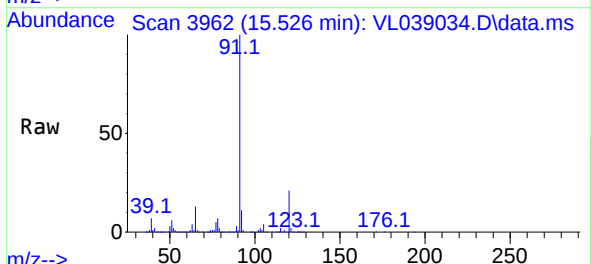
Tgt Ion: 83 Resp: 155948
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 65.4 32.8 98.3

Manual Integrations
APPROVED

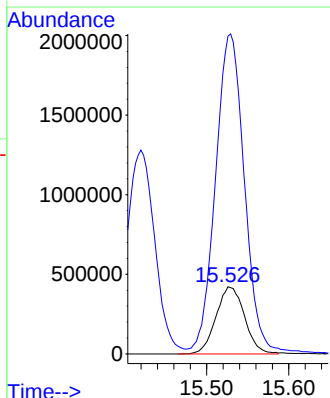
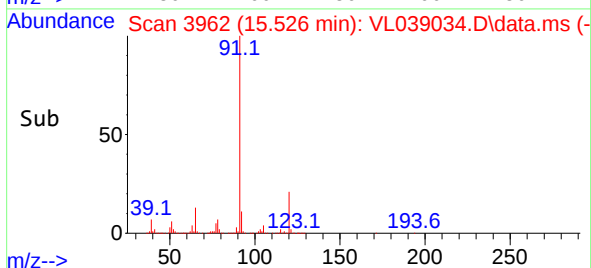
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

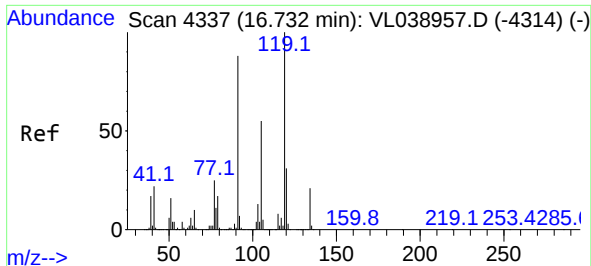


#64
n-propylbenzene
Concen: 10.829 ppbv
RT: 15.526 min Scan# 3962
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



Tgt Ion:120 Resp: 1019504
Ion Ratio Lower Upper
120 100
91 485.6 400.6 601.0





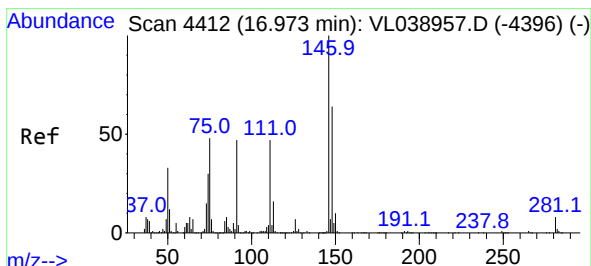
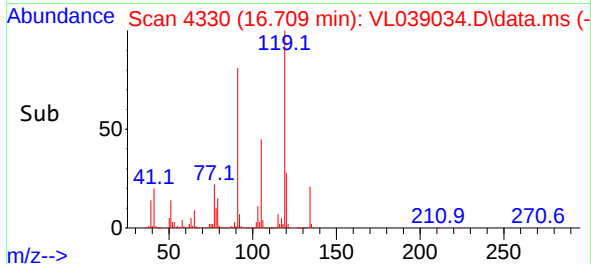
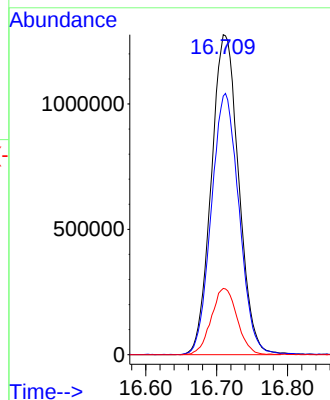
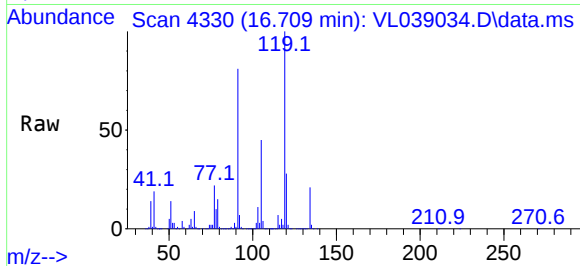
#65
tert-Butylbenzene
Concen: 10.046 ppbv
RT: 16.709 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 3427430
Ion Ratio Lower Upper
119 100
91 82.5 69.4 104.2
134 19.7 15.8 23.8

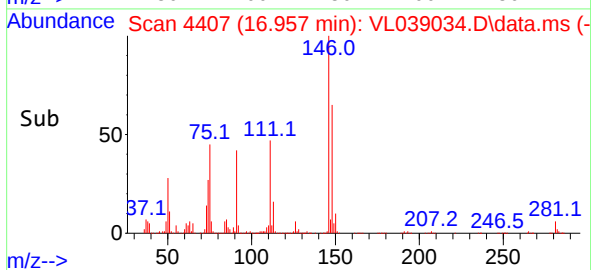
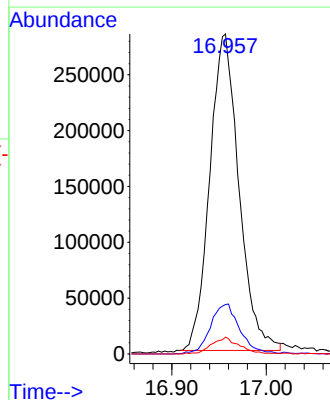
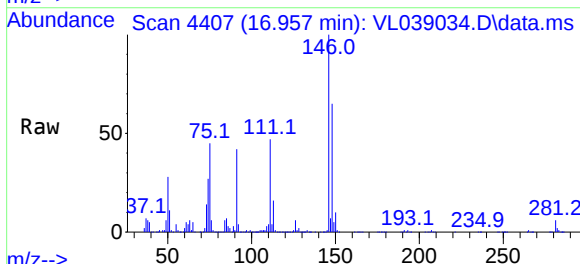
Manual Integrations
APPROVED

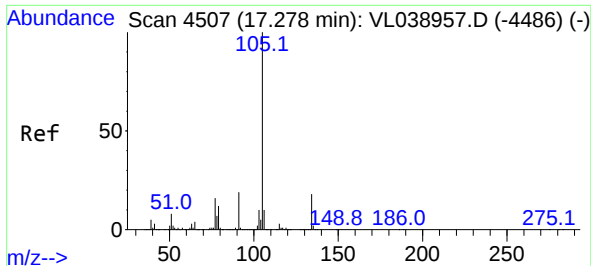
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#66
Benzyl Chloride
Concen: 13.648 ppbv
RT: 16.957 min Scan# 4407
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

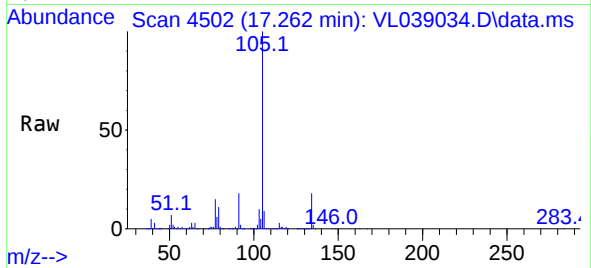
Tgt Ion: 91 Resp: 608671
Ion Ratio Lower Upper
91 100
126 16.1 11.8 17.6
128 5.1 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 10.163 ppbv
 RT: 17.262 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28

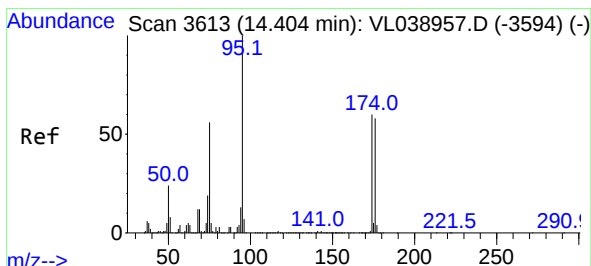
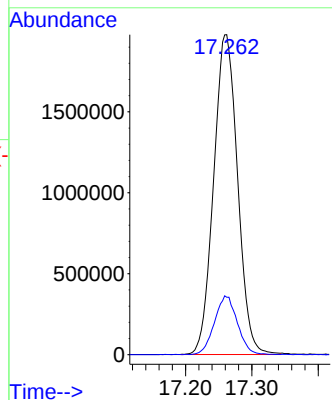
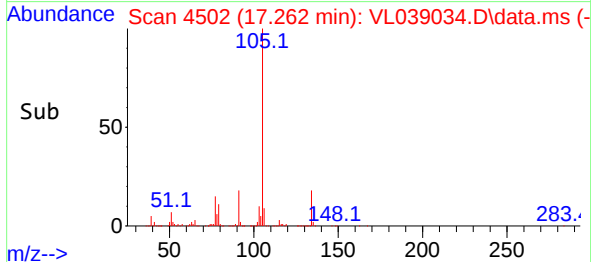
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



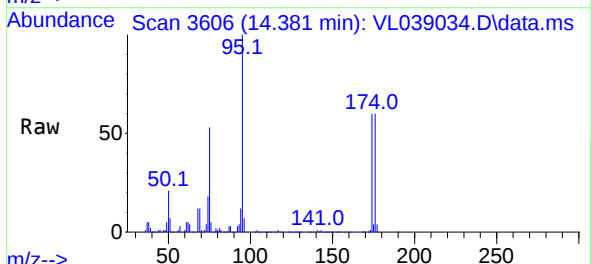
Tgt Ion: 105 Resp: 495385
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.4

Manual Integrations
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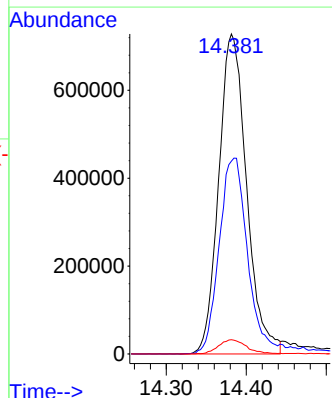
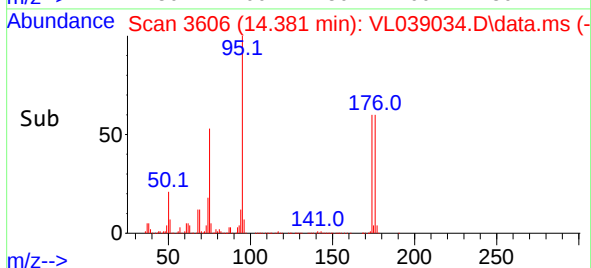
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/17/2022

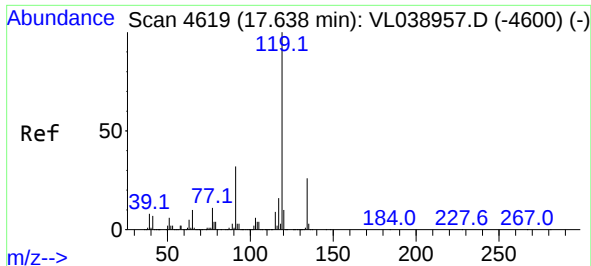


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.652 ppbv
 RT: 14.381 min Scan# 3606
 Delta R.T. -0.022 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28



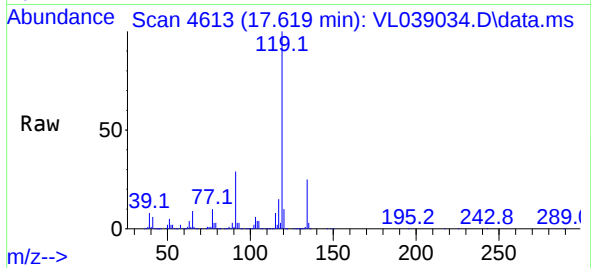
Tgt Ion: 95 Resp: 1760273
 Ion Ratio Lower Upper
 95 100
 174 65.4 50.8 76.2
 175 4.6 3.8 5.6





#69
p-Isopropyltoluene
Concen: 10.296 ppbv
RT: 17.619 min Scan# 4613
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

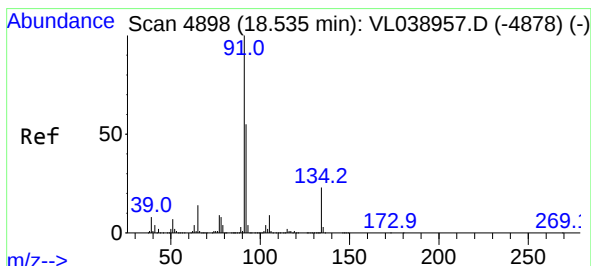
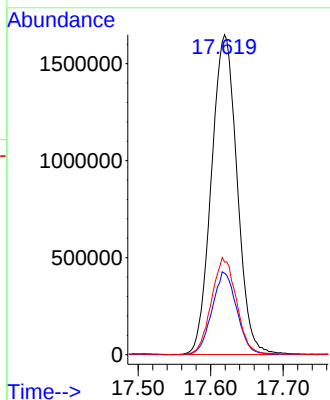
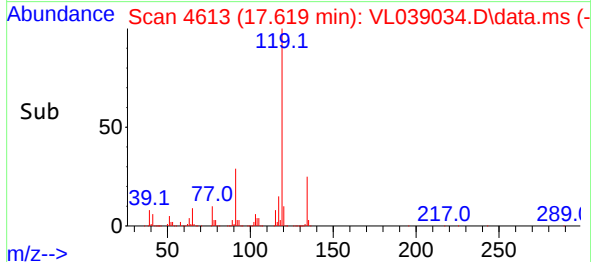
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



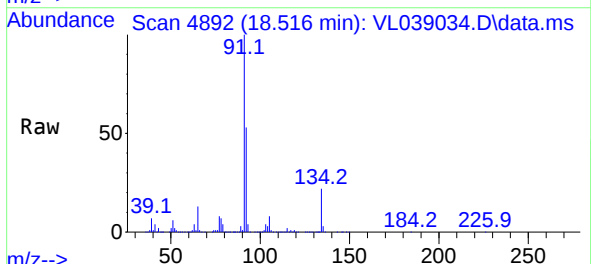
Tgt Ion:119 Resp: 405465
Ion Ratio Lower Upper
119 100
134 25.0 20.0 30.0
91 29.8 24.8 37.2

Manual Integrations
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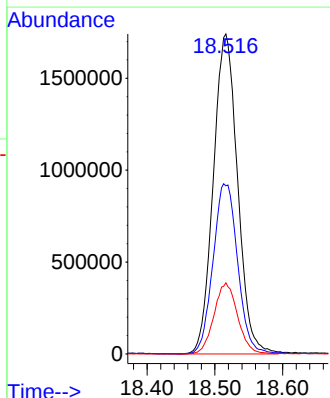
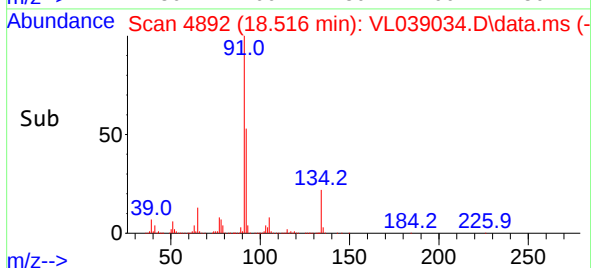
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

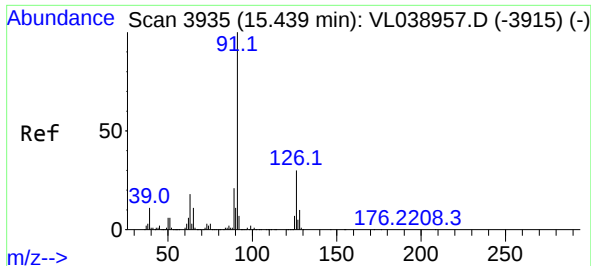


#70
n-Butylbenzene
Concen: 10.345 ppbv
RT: 18.516 min Scan# 4892
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



Tgt Ion: 91 Resp: 4328013
Ion Ratio Lower Upper
91 100
92 54.3 43.1 64.7
134 21.7 17.0 25.4





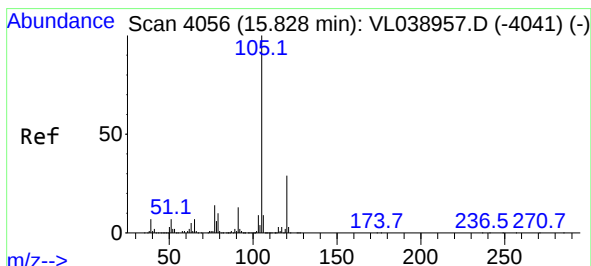
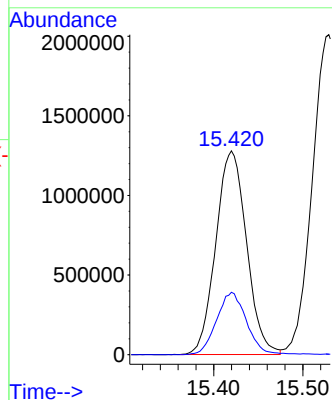
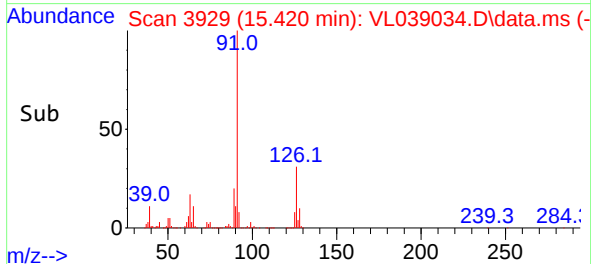
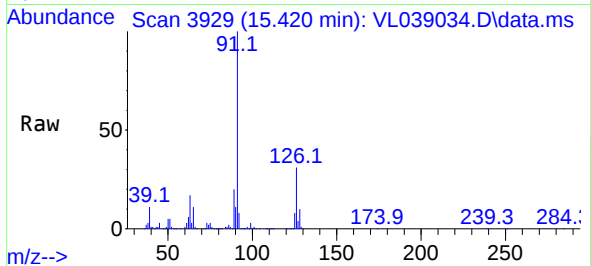
#71
2-Chlorotoluene
Concen: 10.223 ppbv
RT: 15.420 min Scan# 3935
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 306874
Ion Ratio Lower Upper
91 100
126 30.3 11.9 47.5

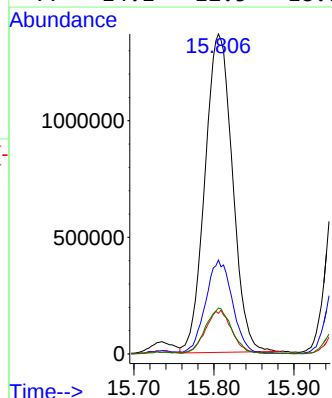
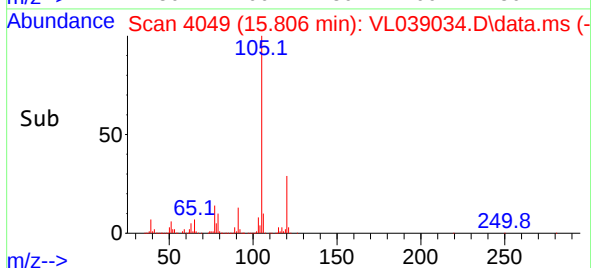
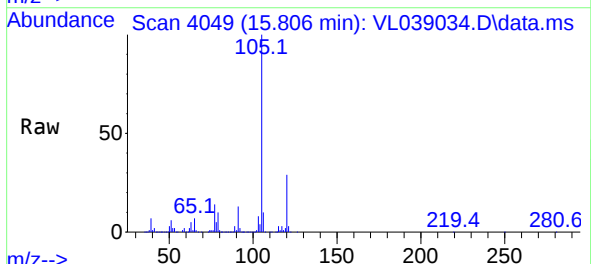
Manual Integrations
APPROVED

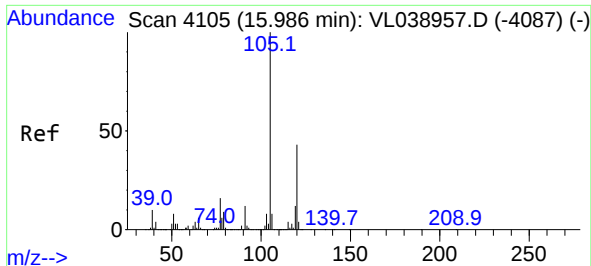
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#72
4-Ethyltoluene
Concen: 10.763 ppbv
RT: 15.806 min Scan# 4049
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:105 Resp: 3265882
Ion Ratio Lower Upper
105 100
120 29.3 23.4 35.0
91 13.2 10.6 16.0
77 14.1 12.5 18.7





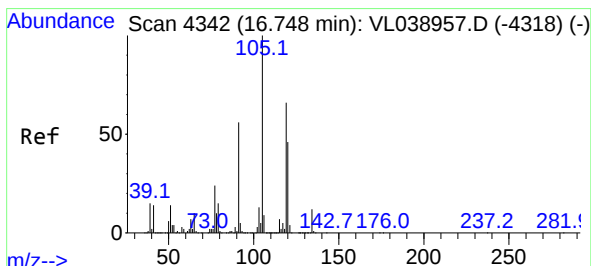
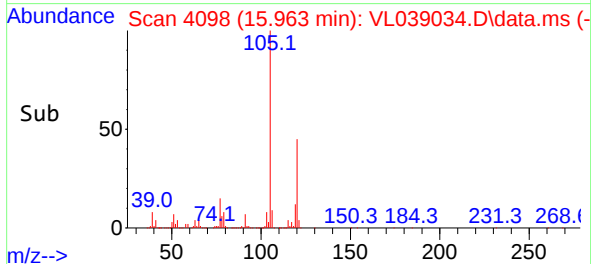
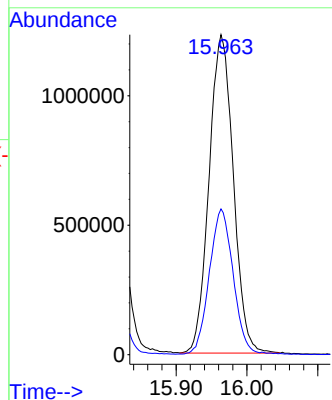
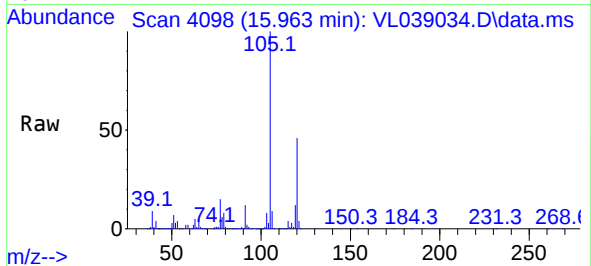
#73
1,3,5-Trimethylbenzene
Concen: 10.697 ppbv
RT: 15.963 min Scan# 4098
Delta R.T. -0.022 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2922134
Ion Ratio Lower Upper
105 100
120 45.6 34.4 51.6

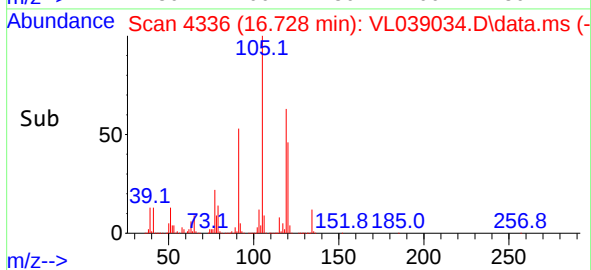
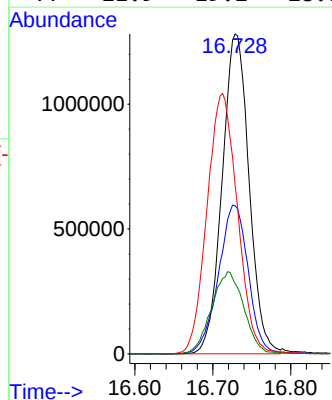
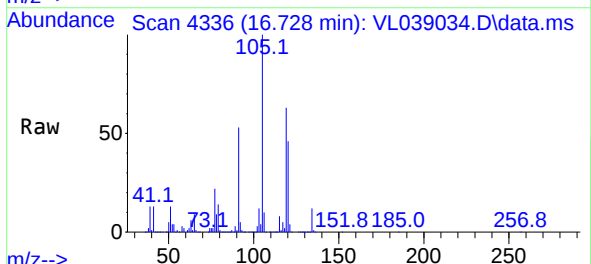
Manual Integrations
APPROVED

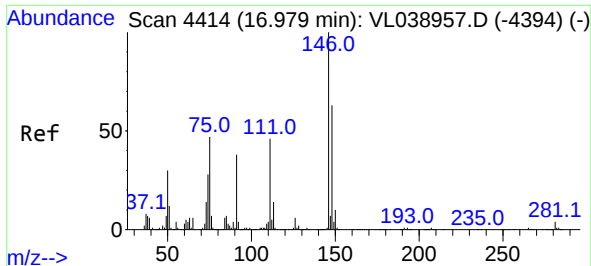
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022



#74
1,2,4-Trimethylbenzene
Concen: 10.272 ppbv
RT: 16.728 min Scan# 4336
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:105 Resp: 3072361
Ion Ratio Lower Upper
105 100
120 46.2 36.9 55.3
91 52.3 45.0 67.4
77 21.9 19.2 28.8





#75

1,3-Dichlorobenzene

Concen: 10.681 ppbv

RT: 16.963 min Scan# 4414

Delta R.T. -0.016 min

Lab File: VL039034.D

Acq: 13 May 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1750290

Ion Ratio Lower Upper

146 100

111 47.3 24.1 72.2

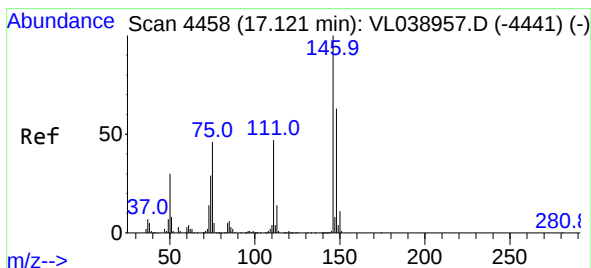
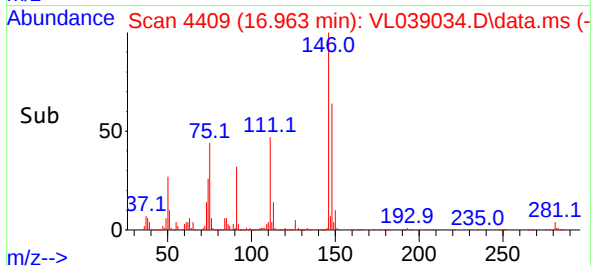
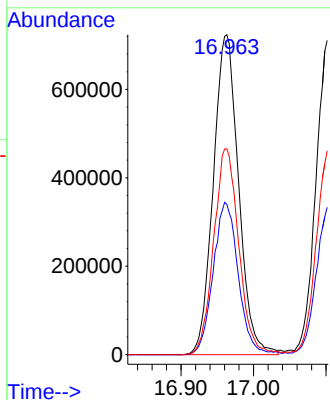
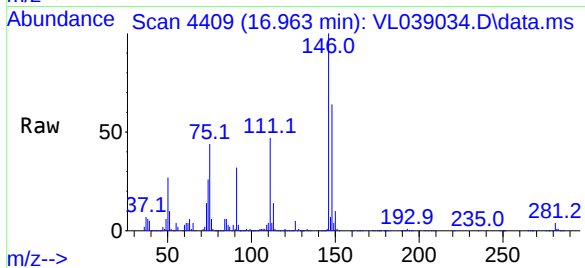
148 64.1 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022

Supervised By :Mahesh Dadoda 05/17/2022



#76

1,4-Dichlorobenzene

Concen: 10.419 ppbv

RT: 17.105 min Scan# 4453

Delta R.T. -0.016 min

Lab File: VL039034.D

Acq: 13 May 2022 12:28

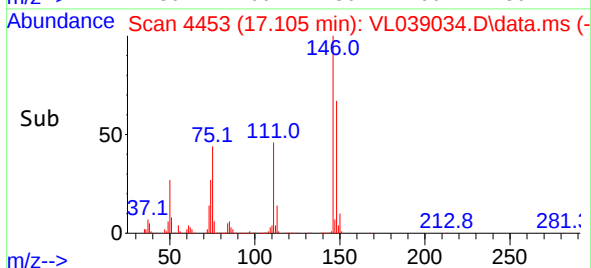
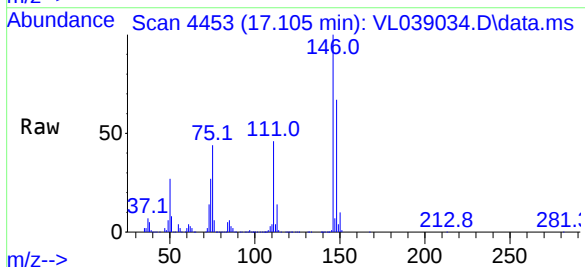
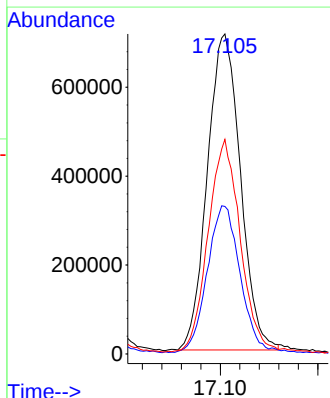
Tgt Ion:146 Resp: 1679684

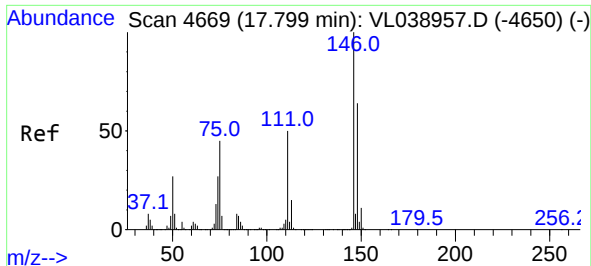
Ion Ratio Lower Upper

146 100

111 47.6 23.6 71.0

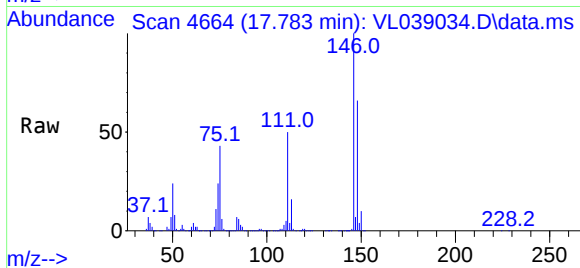
148 67.6 32.2 96.6





#77
1,2-Dichlorobenzene
Concen: 10.416 ppbv
RT: 17.783 min Scan# 4664
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

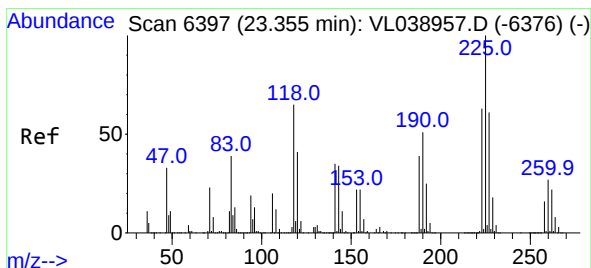
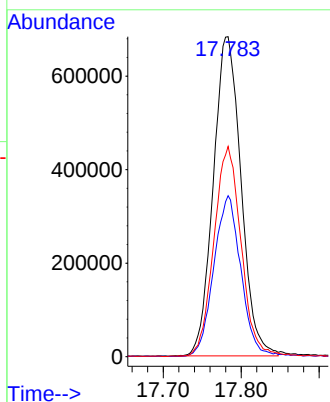
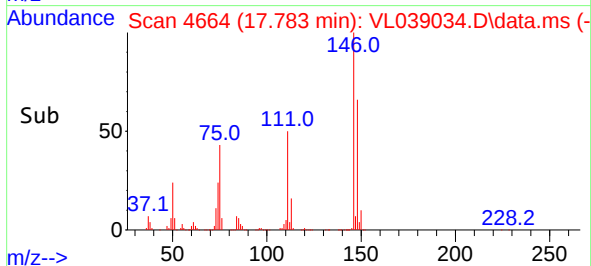
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



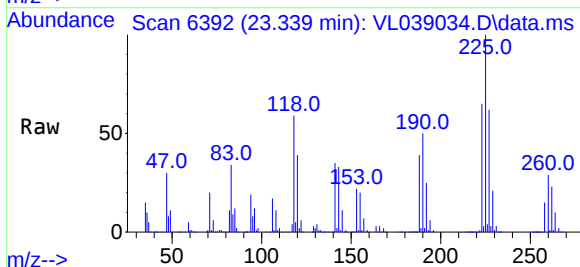
Tgt Ion:146 Resp: 168823
Ion Ratio Lower Upper
146 100
111 49.4 25.3 75.9
148 64.9 32.3 96.9

Manual Integrations
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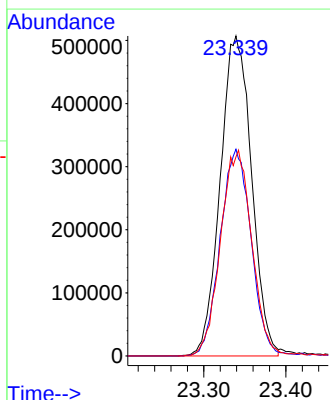
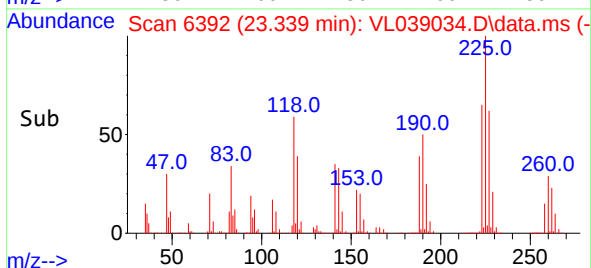
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

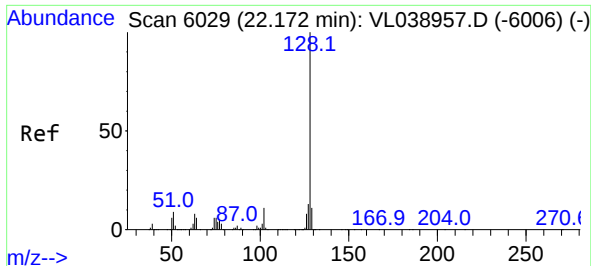


#78
Hexachloro-1,3-Butadiene
Concen: 9.036 ppbv
RT: 23.339 min Scan# 6392
Delta R.T. -0.016 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



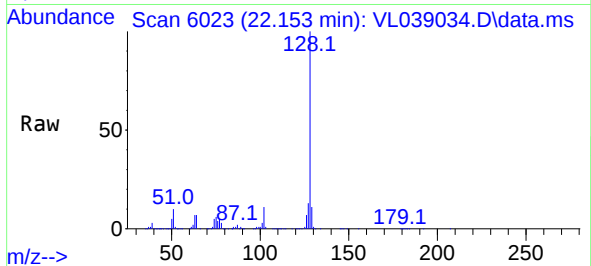
Tgt Ion:225 Resp: 1345997
Ion Ratio Lower Upper
225 100
223 64.1 51.4 77.0
227 64.9 51.4 77.0





#79
Naphthalene
Concen: 11.922 ppbv
RT: 22.153 min Scan# 6029
Delta R.T. -0.019 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

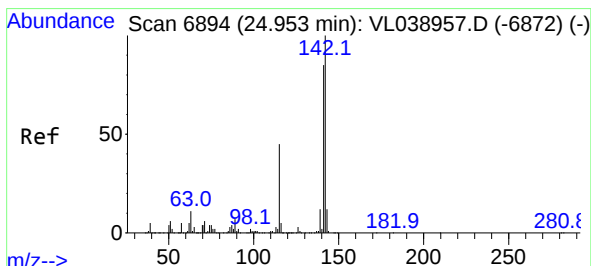
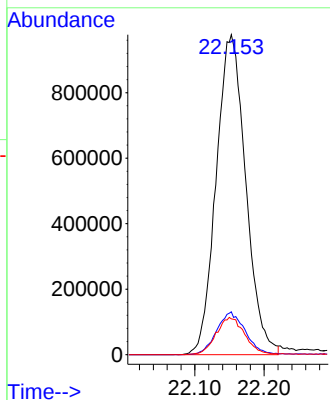
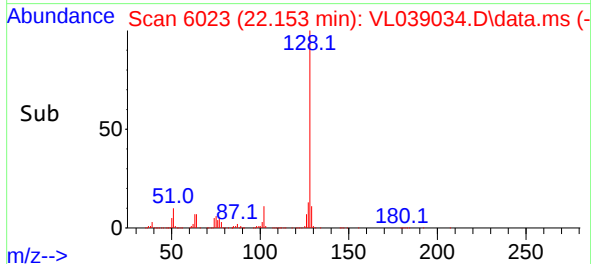
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



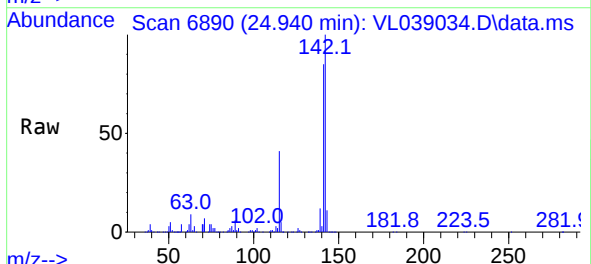
Tgt Ion:128 Resp: 289641
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.2 8.9 13.3

Manual Integrations
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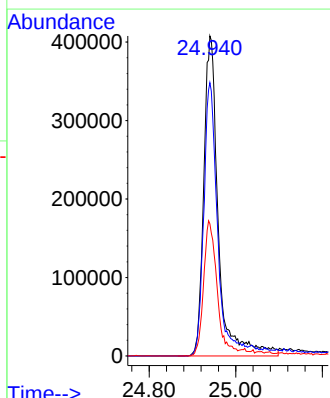
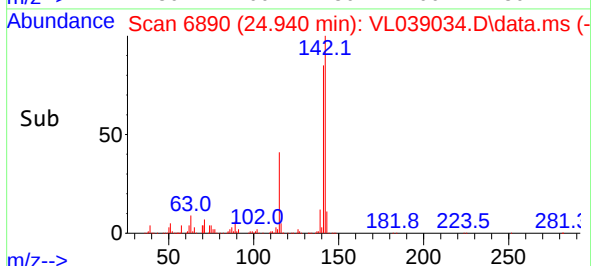
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/17/2022

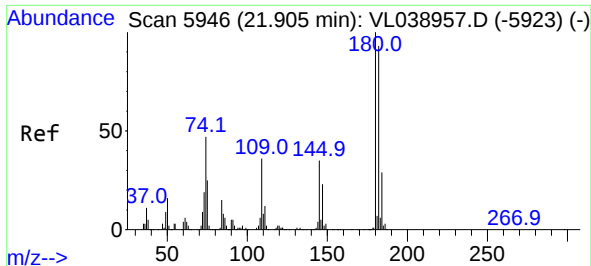


#80
Naphthalene,2-methyl-
Concen: 12.973 ppbv
RT: 24.940 min Scan# 6890
Delta R.T. -0.013 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28



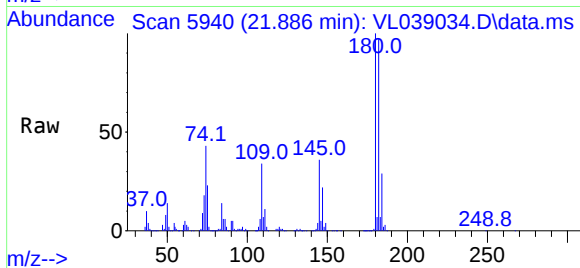
Tgt Ion:142 Resp: 953465
Ion Ratio Lower Upper
142 100
141 85.2 70.8 106.2
115 42.2 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.729 ppbv
 RT: 21.886 min Scan# 5940
 Delta R.T. -0.019 min
 Lab File: VL039034.D
 Acq: 13 May 2022 12:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1527385

Ion	Ratio	Lower	Upper
180	100		
182	97.2	78.4	117.6
184	31.3	24.4	36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/17/2022

