

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039442.D
 Acq On : 12 Jul 2022 10:13
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jul 13 01:29:45 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 13 01:29:45 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/20/2022
 Supervised By : Mahesh Dadoda 07/20/2022

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

Internal Standards						
1) Bromochloromethane	5.680	49	1247164	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.188	114	3497827	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	3258704m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.429	95	2431540	10.058	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	3.063	85	1845683	10.260	ppbv	98
3) Chlorodifluoromethane	2.999	51	1544060	9.758	ppbv	99
4) Chloromethane	3.153	50	857403	9.908	ppbv	100
5) Vinyl Chloride	3.269	62	840273	9.847	ppbv	99
6) Bromomethane	3.484	94	362700	10.099	ppbv	96
7) Chloroethane	3.571	64	308076	10.150	ppbv	99
8) Dichlorotetrafluoroethane	3.201	85	2008021	10.219	ppbv	99
9) Propene	3.021	41	696031	9.741	ppbv	100
10) Heptane	8.137	43	1769442	10.572	ppbv	100
11) Trichlorofluoromethane	3.963	101	1965317	9.804	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.500	101	1459206	9.765	ppbv	99
13) Ethanol	3.619	45	50826m	12.260	ppbv	
14) Bromoethene	3.754	108	636318	10.128	ppbv	99
15) Acetone	3.861	43	1463437	9.918	ppbv	98
16) 1,3-Butadiene	3.340	39	802760	10.486	ppbv	98
17) tert-Butyl alcohol	4.291	59	1420467	11.343	ppbv	100
18) 1,1-Dichloroethene	4.301	96	676746	9.996	ppbv	97
19) Isopropyl Alcohol	3.970	45	825008	10.483	ppbv #	95
20) Methylene Chloride	4.359	84	530044	9.013	ppbv	99
21) Allyl Chloride	4.423	41	1055451	10.328	ppbv	100
22) trans-1,2-Dichloroethene	4.899	96	676278	10.320	ppbv	98
23) Vinyl Acetate	5.082	43	1163406	11.799	ppbv	98
24) 1,1-Dichloroethane	5.025	63	1407029	10.104	ppbv	99
25) Ethyl Acetate	5.687	43	3202122	10.584	ppbv	100
26) Hexane	5.700	57	1352055	11.087	ppbv	99
27) Carbon Disulfide	4.562	76	1661076	11.284	ppbv	98
28) Methyl tert-Butyl Ether	5.050	73	1339954	10.276	ppbv	98
29) Chloroform	5.764	83	2126385	10.027	ppbv	100
30) Cyclohexane	7.143	84	1182124	10.647	ppbv	98
31) cis-1,2-Dichloroethene	5.565	61	1362465	10.529	ppbv	97
32) 1,1,1-Trichloroethane	6.526	97	2172958	10.382	ppbv	99
34) 2-Butanone	5.253	43	1857003	10.547	ppbv	99
35) Carbon Tetrachloride	7.031	117	2322393	10.745	ppbv	98
36) Benzene	6.905	78	2835816	10.475	ppbv	98
37) 1,2-Dichloroethane	6.320	62	1612267	10.090	ppbv	100
38) Trichloroethene	7.851	130	1488244	10.164	ppbv	98
39) 1,2-Dichloropropane	7.629	63	1056398	10.446	ppbv	99
40) 1,4-Dioxane	7.841	88	417034	10.348	ppbv	95
41) Tetrahydrofuran	6.060	42	1116959	10.947	ppbv	99
42) Bromodichloromethane	7.806	83	2347646	10.897	ppbv	99
43) Methyl Methacrylate	8.024	69	1118405	10.865	ppbv	97
44) 2,2,4-Trimethylpentane	7.883	57	4711438	10.270	ppbv	99
45) t-1,3-Dichloropropene	9.291	75	1194286m	13.031	ppbv	

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/20/2022
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Quant Time: Jul 13 01:29:45 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

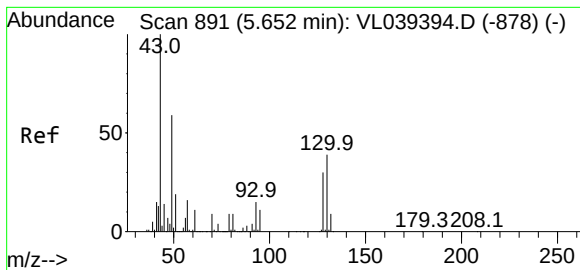
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 13 01:29:45 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

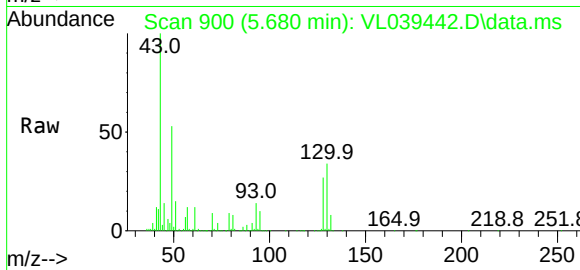
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.716	75	1551296	12.297	ppbv	97
47) 1,1,2-Trichloroethane	9.491	97	1161599	10.236	ppbv	94
48) Dibromochloromethane	10.320	129	2127247	11.795	ppbv	100
49) Bromoform	13.053	173	1795330	12.339	ppbv	100
50) 4-Methyl-2-Pentanone	8.751	43	2968593	11.150	ppbv	100
51) 2-Hexanone	10.140	43	2325235	11.547	ppbv #	99
52) Tetrachloroethene	11.236	164	1107542	10.163	ppbv	99
53) Toluene	9.819	91	3407976	10.914	ppbv	100
54) 1,2-Dibromoethane	10.626	107	1553155	11.000	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.140	131	1517874	10.544	ppbv	94
57) Chlorobenzene	12.159	112	2563252	10.146	ppbv #	97
58) Ethyl Benzene	12.725	91	4547811	10.808	ppbv	100
59) m/p-Xylene	13.008	91	7721496m	20.815	ppbv	
60) o-Xylene	13.706	91	3684458	10.489	ppbv	98
61) Styrene	13.539	104	2224800	11.692	ppbv	99
62) Isopropylbenzene	14.680	105	5489456	10.262	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.690	83	1769110	9.608	ppbv	100
64) n-propylbenzene	15.574	120	1444504	10.654	ppbv	99
65) tert-Butylbenzene	16.757	119	5013562	10.142	ppbv	100
66) Benzyl Chloride	17.002	91	613247	13.055	ppbv	97
67) sec-Butylbenzene	17.307	105	6833270	10.263	ppbv	99
69) p-Isopropyltoluene	17.664	119	5900694	10.445	ppbv	99
70) n-Butylbenzene	18.558	91	5771012	10.525	ppbv	100
71) 2-Chlorotoluene	15.465	91	3996476	10.438	ppbv	99
72) 4-Ethyltoluene	15.850	105	4415828	10.692	ppbv	100
73) 1,3,5-Trimethylbenzene	16.008	105	4069777	10.729	ppbv	99
74) 1,2,4-Trimethylbenzene	16.776	105	4364726	10.401	ppbv	95
75) 1,3-Dichlorobenzene	17.008	146	2600265	10.388	ppbv	100
76) 1,4-Dichlorobenzene	17.149	146	2535149	10.219	ppbv	99
77) 1,2-Dichlorobenzene	17.825	146	2551056	10.282	ppbv	100
78) Hexachloro-1,3-Butadiene	23.387	225	1800923	9.025	ppbv	99
79) Naphthalene	22.207	128	3528229	12.218	ppbv	99
80) Naphthalene,2-methyl-	24.976	142	1299639	13.223	ppbv	99
81) 1,2,4-Trichlorobenzene	21.940	180	2014433	10.710	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.680 min Scan# 90
Delta R.T. 0.029 min
Lab File: VL039442.D
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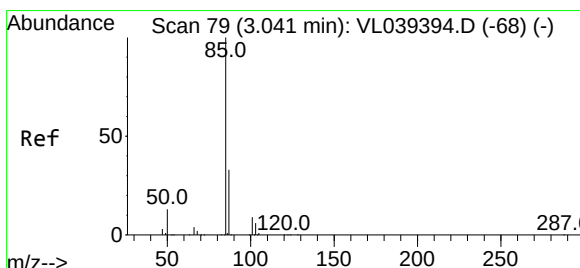
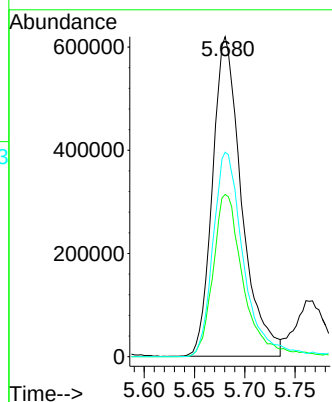
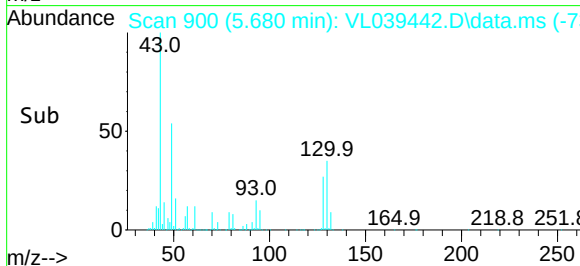
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



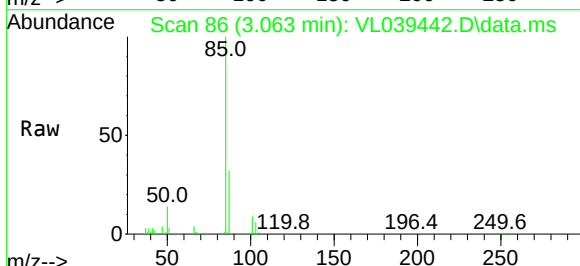
Tgt Ion: 49 Resp: 1247164
Ion Ratio Lower Upper
49 100
128 53.8 26.7 80.0
130 68.4 34.3 102.8

Manual Integrations
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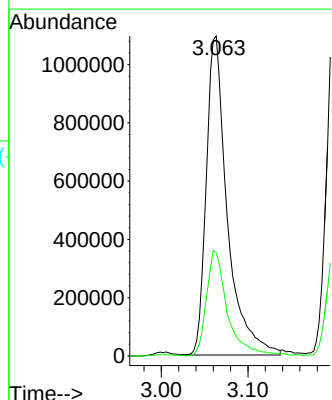
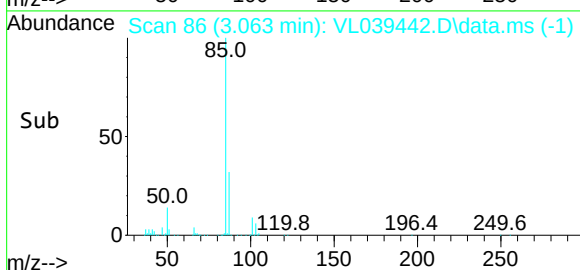
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

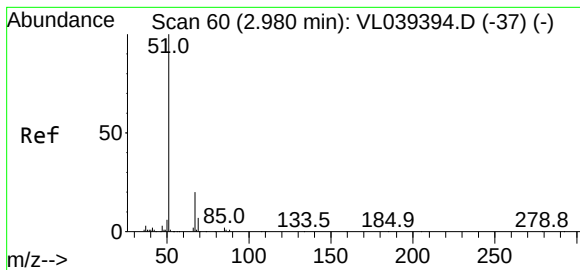


#2
Dichlorodifluoromethane
Concen: 10.260 ppbv
RT: 3.063 min Scan# 86
Delta R.T. 0.022 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13



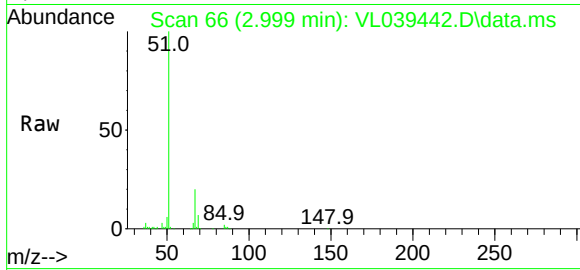
Tgt Ion: 85 Resp: 1845683
Ion Ratio Lower Upper
85 100
87 32.2 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.758 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.019 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

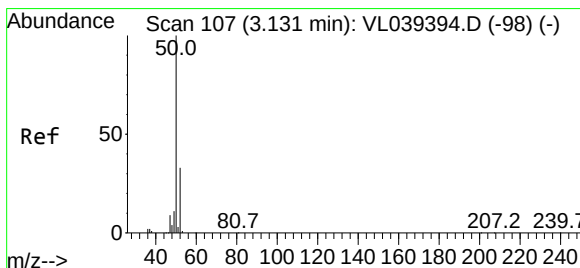
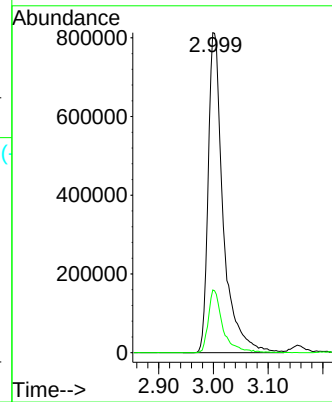
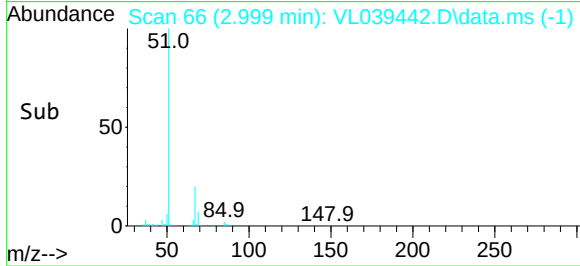
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 51 Resp: 1544060
Ion Ratio Lower Upper
51 100
67 19.1 15.7 23.5

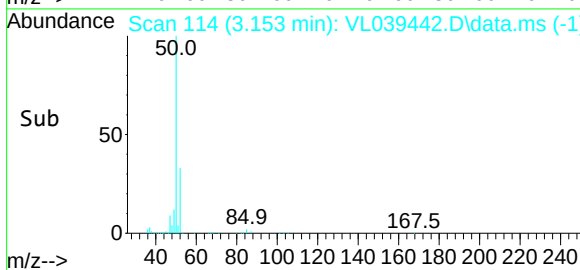
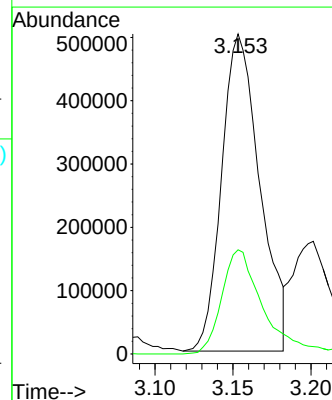
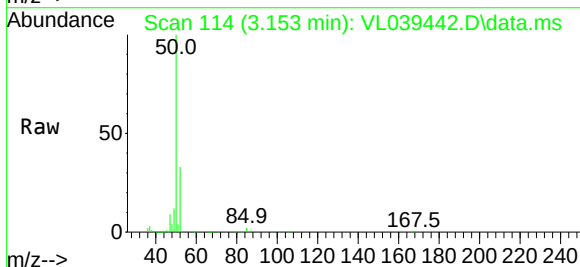
Manual Integrations
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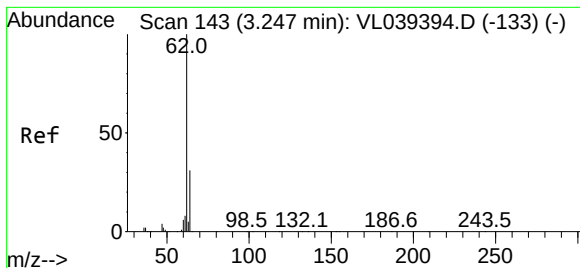
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#4
Chloromethane
Concen: 9.908 ppbv
RT: 3.153 min Scan# 114
Delta R.T. 0.022 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

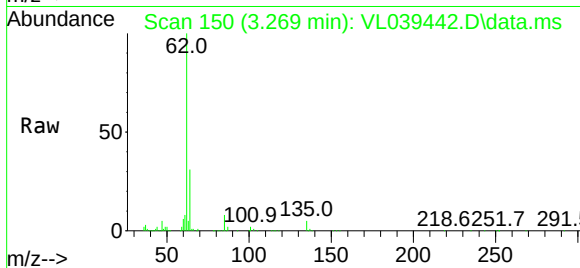
Tgt Ion: 50 Resp: 857403
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.847 ppbv
 RT: 3.269 min Scan# 11
 Delta R.T. 0.022 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13

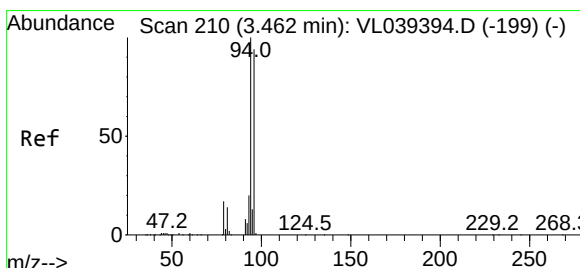
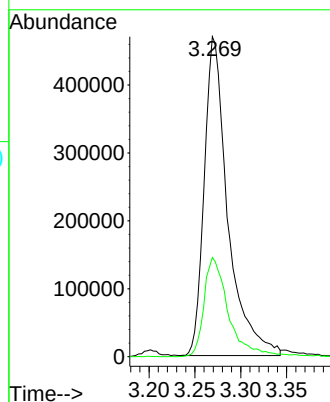
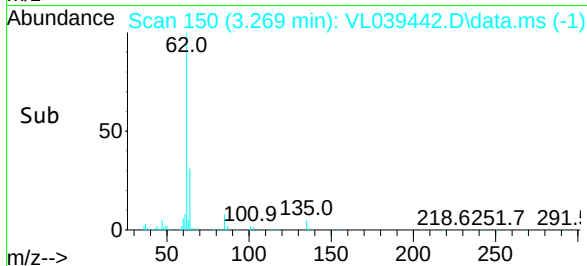
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



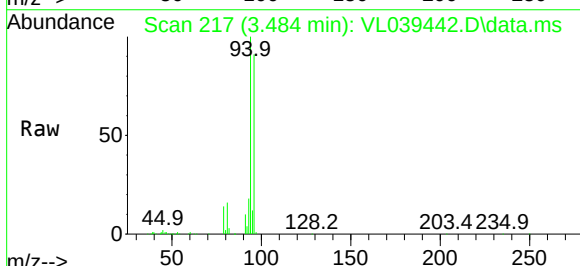
Tgt Ion: 62 Resp: 84027
 Ion Ratio Lower Upper
 62 100
 64 31.0 24.6 36.8

Manual Integrations
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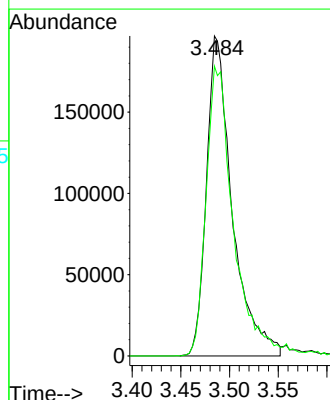
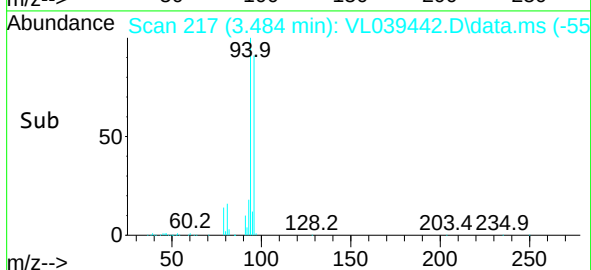
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

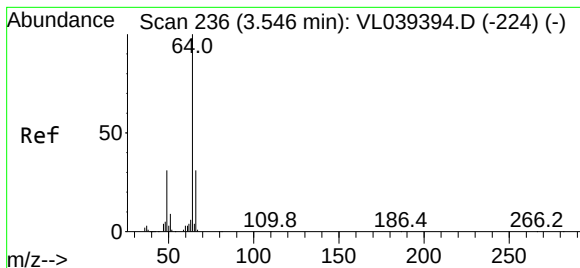


#6
 Bromomethane
 Concen: 10.099 ppbv
 RT: 3.484 min Scan# 217
 Delta R.T. 0.022 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13



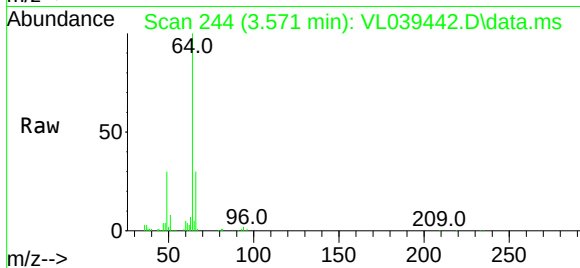
Tgt Ion: 94 Resp: 362700
 Ion Ratio Lower Upper
 94 100
 96 90.6 75.6 113.4





#7
Chloroethane
Concen: 10.150 ppbv
RT: 3.571 min Scan# 244
Delta R.T. 0.026 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

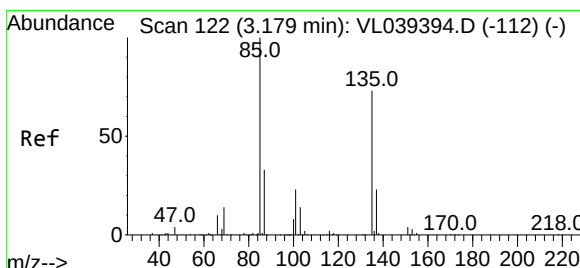
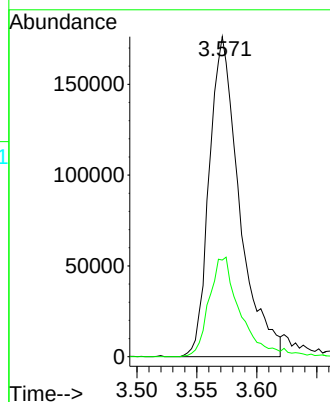
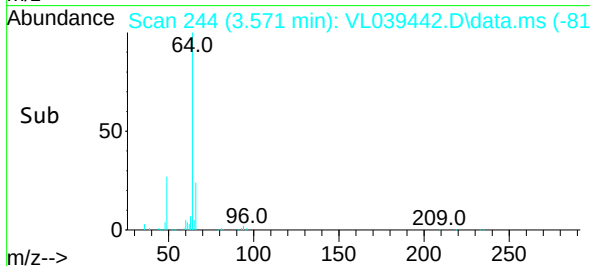
Instrument :
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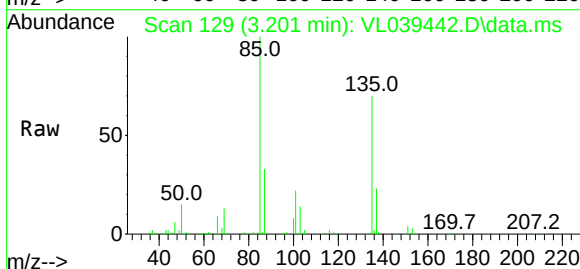
Tgt Ion: 64 Resp: 308070
Ion Ratio Lower Upper
64 100
66 30.2 24.7 37.1

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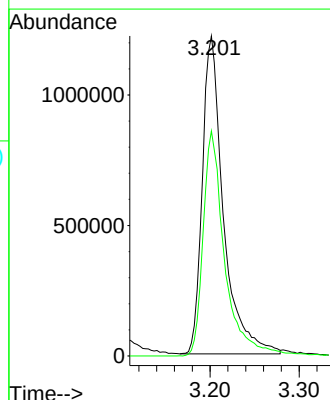
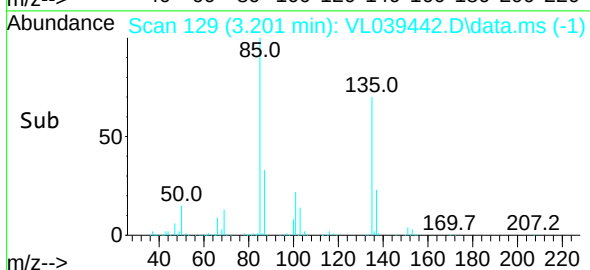
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Supervised By :Mahesh Dadoda 07/20/2022

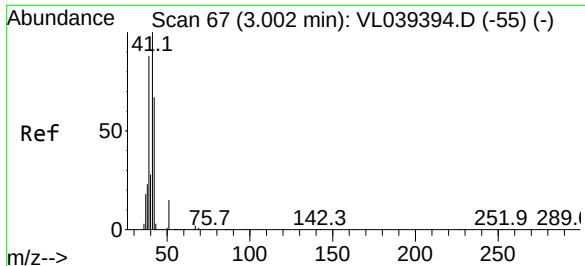


#8
Dichlorotetrafluoroethane
Concen: 10.219 ppbv
RT: 3.201 min Scan# 129
Delta R.T. 0.022 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13



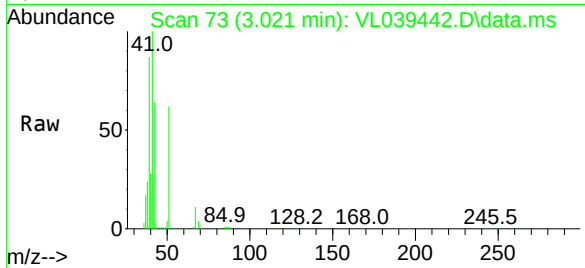
Tgt Ion: 85 Resp: 2008021
Ion Ratio Lower Upper
85 100
135 72.7 59.0 88.4





#9
 Propene
 Concen: 9.741 ppbv
 RT: 3.021 min Scan# 71
 Delta R.T. 0.019 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13

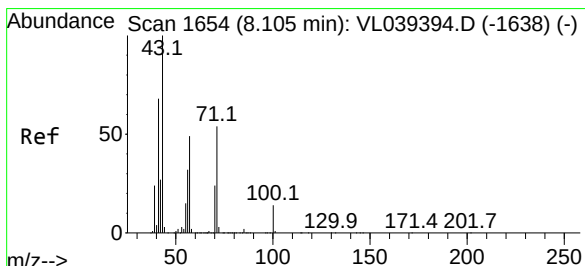
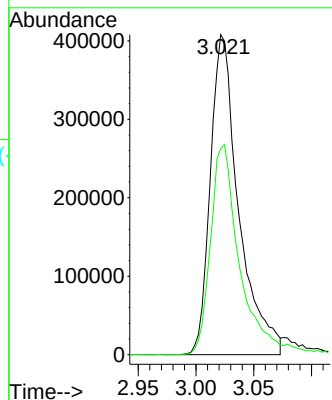
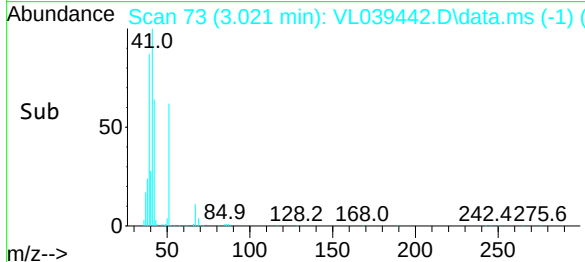
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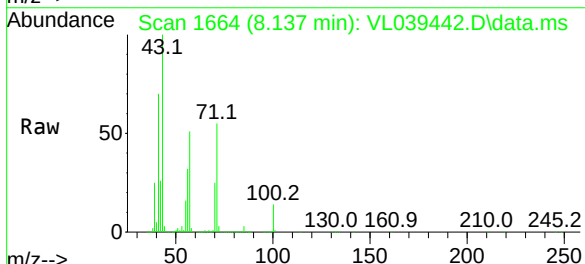
Tgt Ion: 41 Resp: 69603
 Ion Ratio Lower Upper
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 42 68.9 55.2 82.8

Manual Integrations
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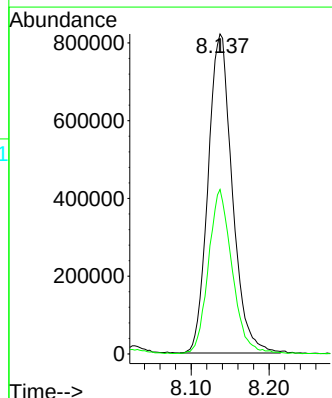
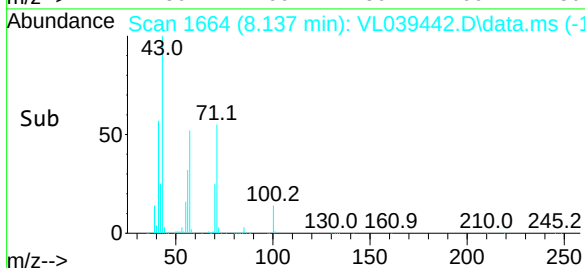
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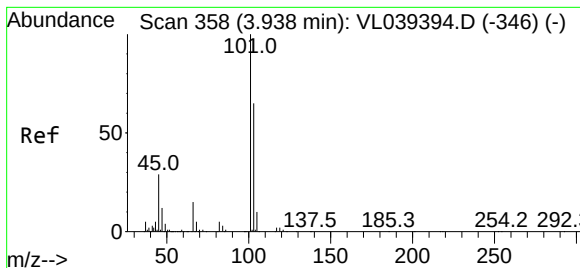


#10
 Heptane
 Concen: 10.572 ppbv
 RT: 8.137 min Scan# 1664
 Delta R.T. 0.032 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13



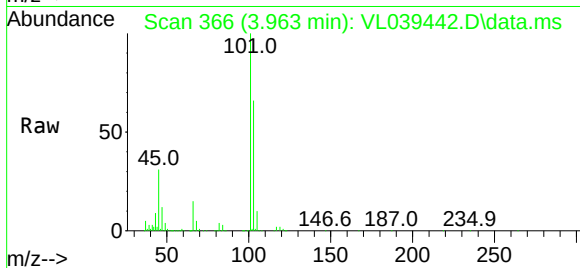
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 Ion Ratio Lower Upper
 43 100
 57 50.6 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 9.804 ppbv
 RT: 3.963 min Scan# 30
 Delta R.T. 0.026 min
 Lab File: VL039442.D
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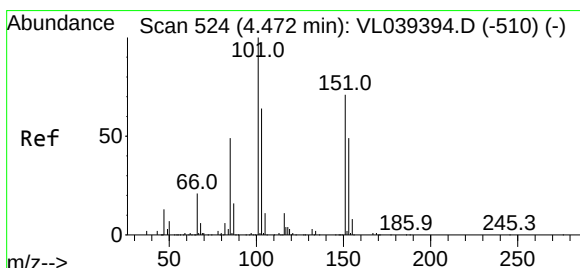
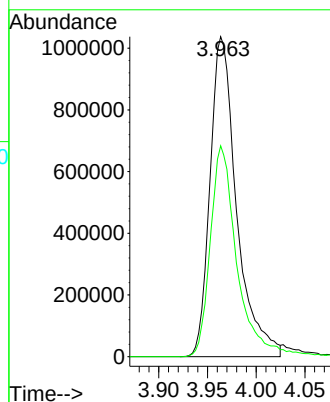
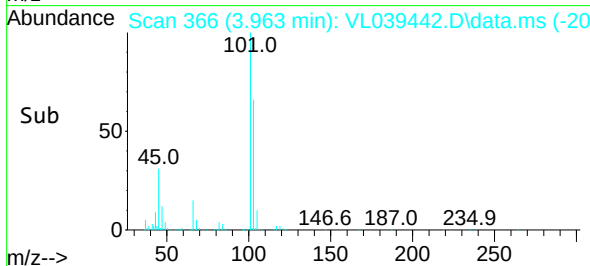
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



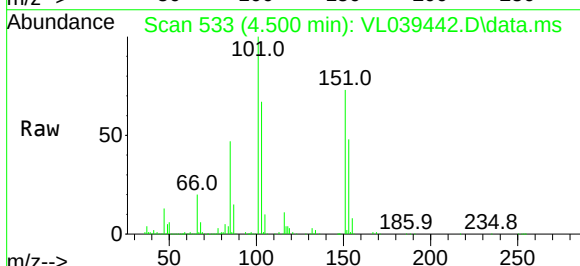
Tgt Ion:101 Resp: 196531
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.8 77.8

Manual Integrations
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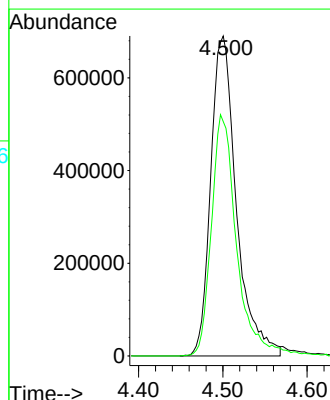
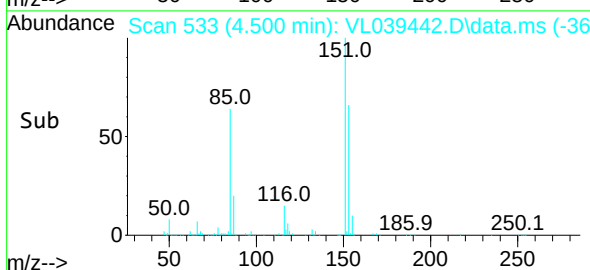
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

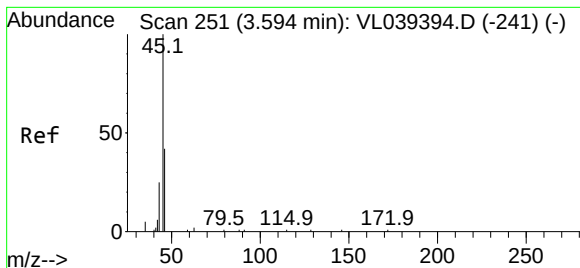


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.765 ppbv
 RT: 4.500 min Scan# 533
 Delta R.T. 0.029 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13



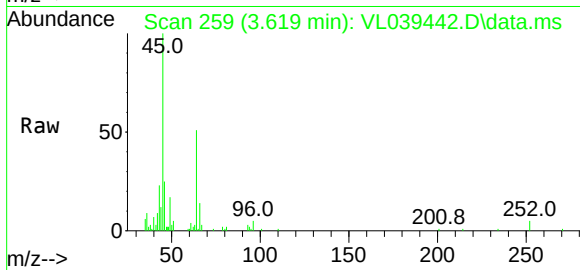
Tgt Ion:101 Resp: 1459206
 Ion Ratio Lower Upper
 101 100
 151 74.6 58.9 88.3





#13
Ethanol
Concen: 12.260 ppbv m
RT: 3.619 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

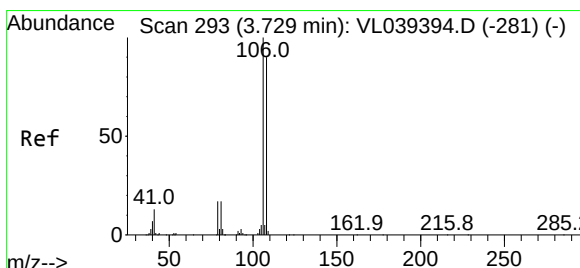
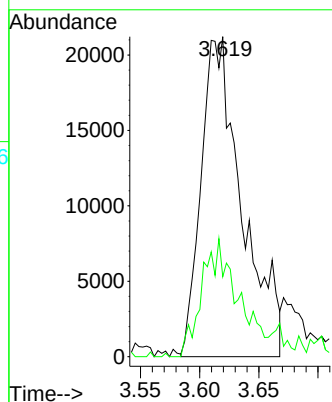
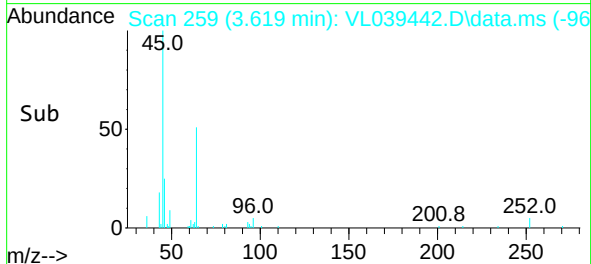
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



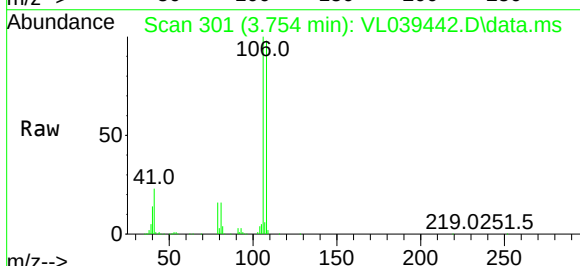
Tgt Ion: 45 Resp: 50820
Ion Ratio Lower Upper
45 100
46 36.8 22.8 91.2

Manual Integrations
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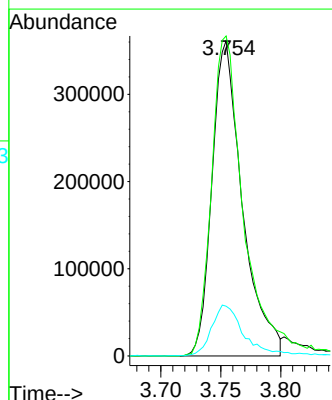
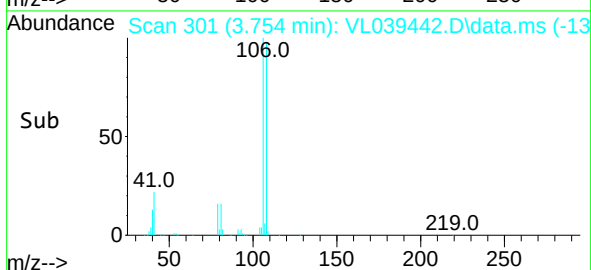
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

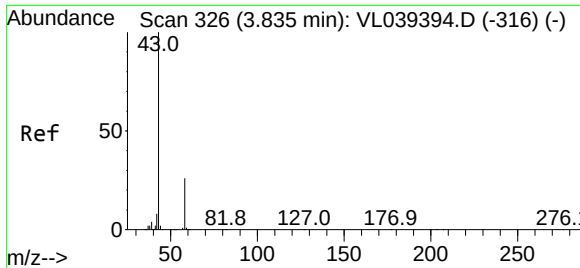


#14
Bromoethene
Concen: 10.128 ppbv
RT: 3.754 min Scan# 301
Delta R.T. 0.026 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13



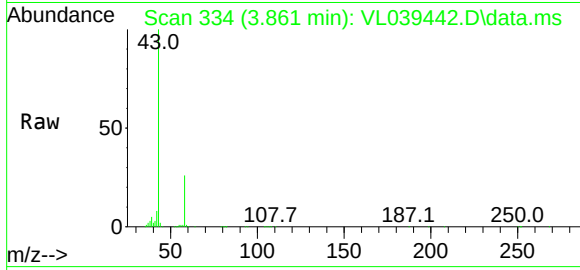
Tgt Ion:108 Resp: 636318
Ion Ratio Lower Upper
108 100
106 109.8 87.1 130.7
79 17.6 14.6 22.0





#15
Acetone
Concen: 9.918 ppbv
RT: 3.861 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

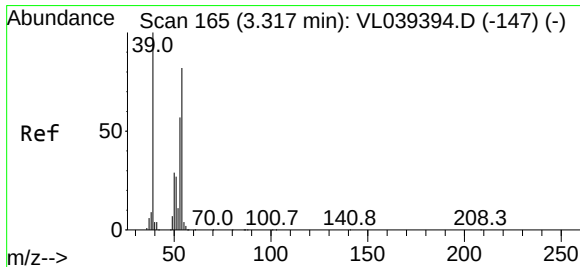
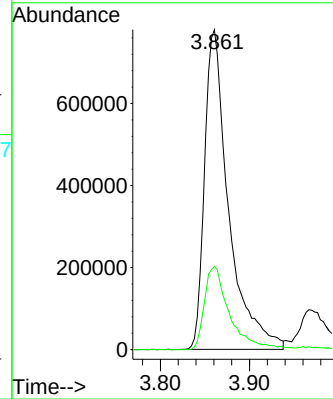
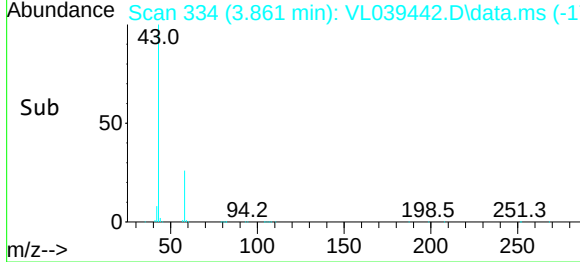
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 146343
Ion Ratio Lower Upper
43 100
58 27.2 21.0 31.6

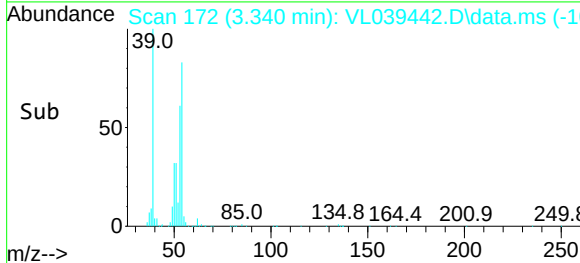
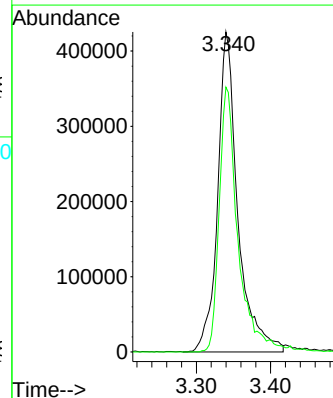
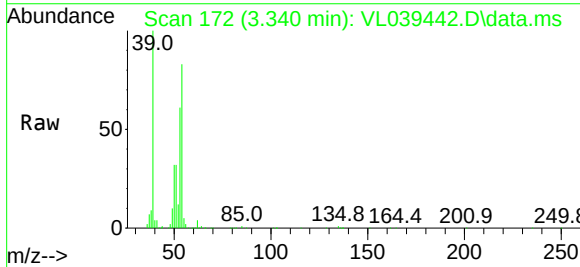
Manual Integrations
APPROVED

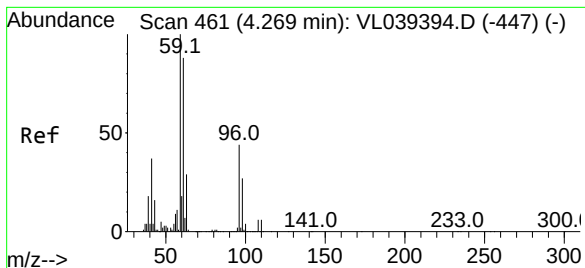
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#16
1,3-Butadiene
Concen: 10.486 ppbv
RT: 3.340 min Scan# 172
Delta R.T. 0.022 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

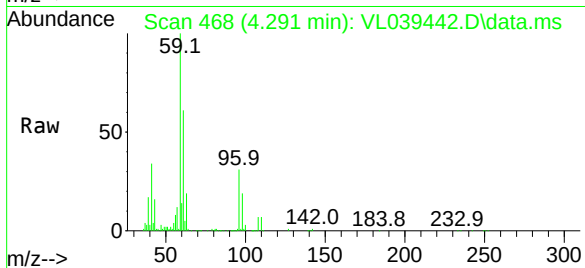
Tgt Ion: 39 Resp: 802760
Ion Ratio Lower Upper
39 100
54 77.8 63.7 95.5





#17
tert-Butyl alcohol
Concen: 11.343 ppbv
RT: 4.291 min Scan# 468
Delta R.T. 0.022 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

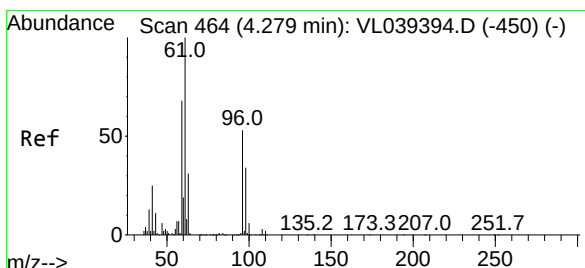
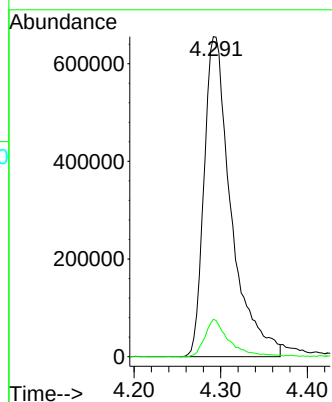
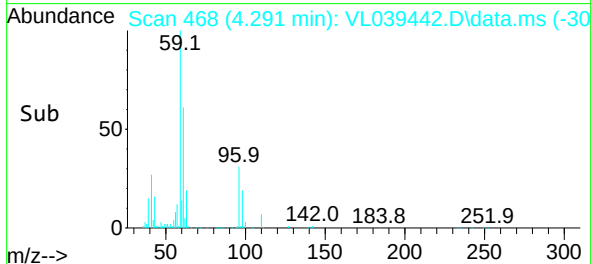
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



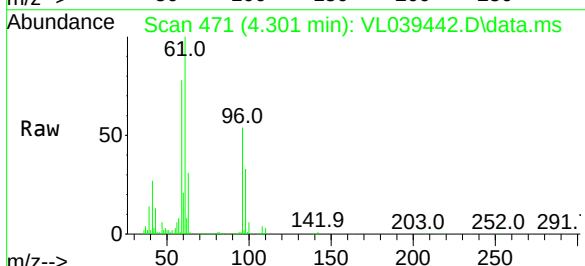
Tgt Ion: 59 Resp: 142046
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

Manual Integrations
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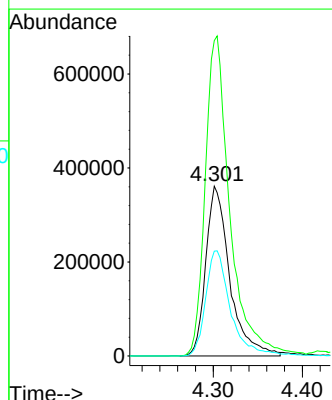
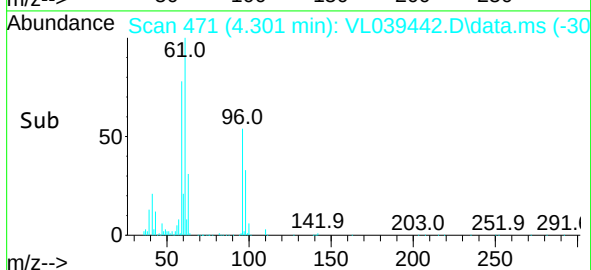
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

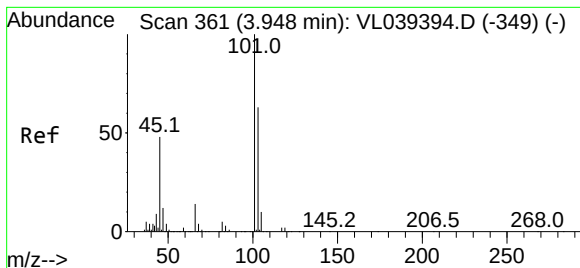


#18
1,1-Dichloroethene
Concen: 9.996 ppbv
RT: 4.301 min Scan# 471
Delta R.T. 0.022 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13



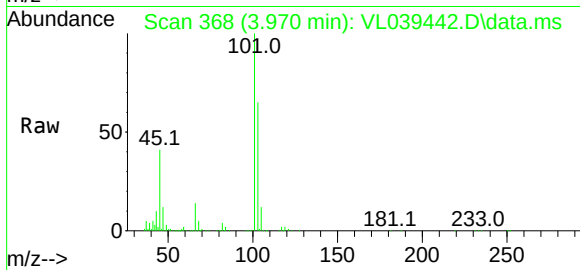
Tgt Ion: 96 Resp: 676746
Ion Ratio Lower Upper
96 100
61 185.7 152.2 228.4
98 61.8 51.8 77.6





#19
Isopropyl Alcohol
Concen: 10.483 ppbv
RT: 3.970 min Scan# 361
Delta R.T. 0.022 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

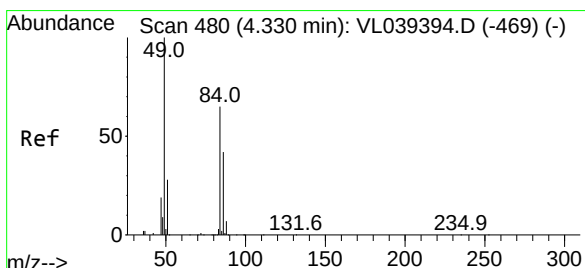
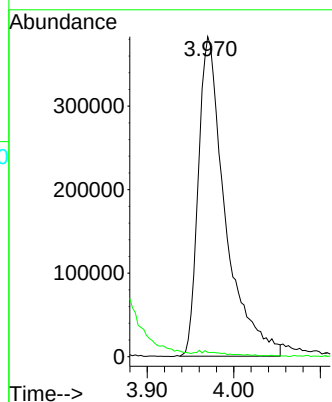
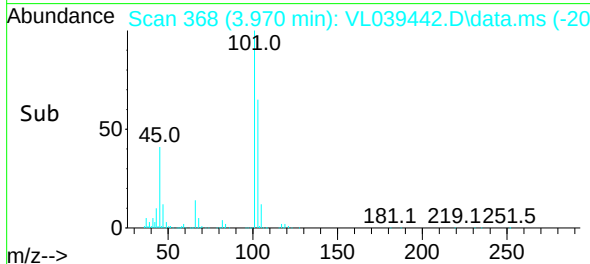
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 825008
Ion Ratio Lower Upper
45 100
58 2.3 3.2 4.8

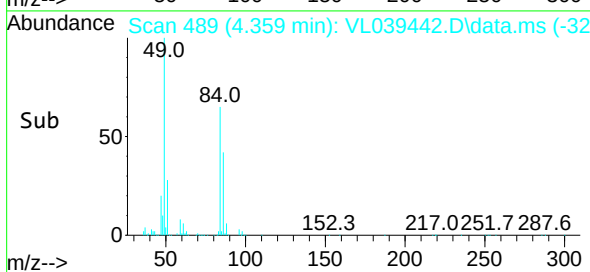
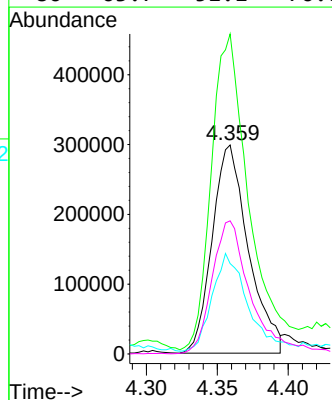
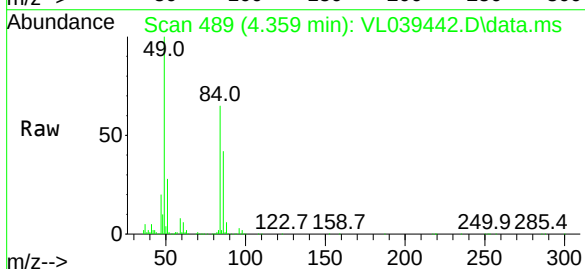
Manual Integrations
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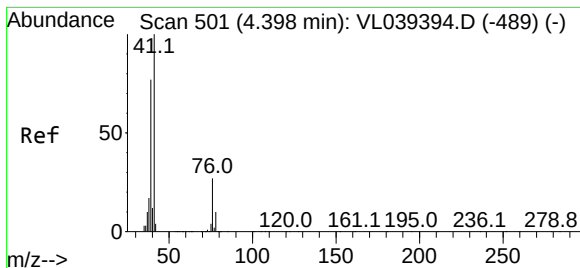
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#20
Methylene Chloride
Concen: 9.013 ppbv
RT: 4.359 min Scan# 489
Delta R.T. 0.029 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Tgt Ion: 84 Resp: 530044
Ion Ratio Lower Upper
84 100
49 151.8 123.1 184.7
51 42.1 34.4 51.6
86 63.7 51.1 76.7





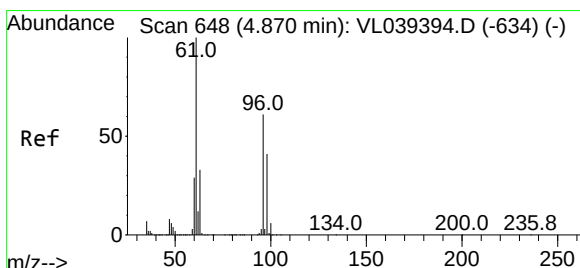
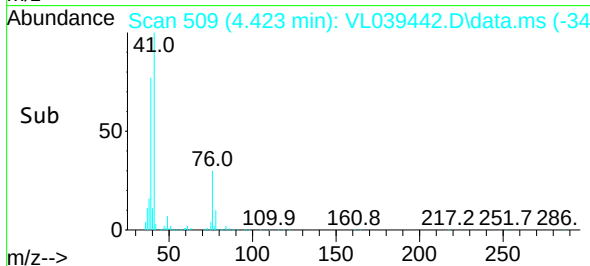
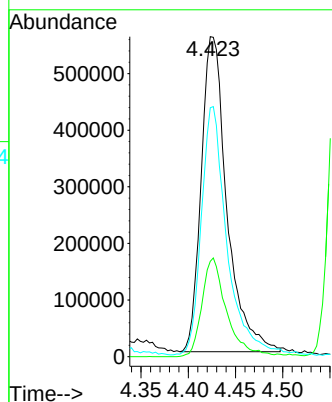
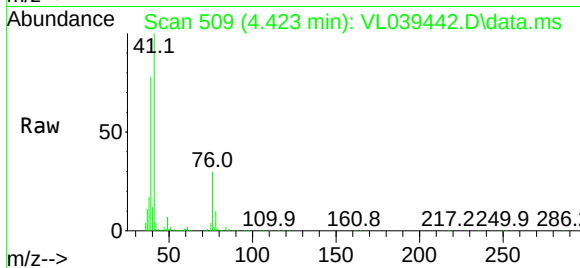
#21
 Allyl Chloride
 Concen: 10.328 ppbv
 RT: 4.423 min Scan# 501
 Delta R.T. 0.026 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 105545
 Ion Ratio Lower Upper
 41 100
 76 30.4 24.4 36.6
 39 79.5 63.5 95.3

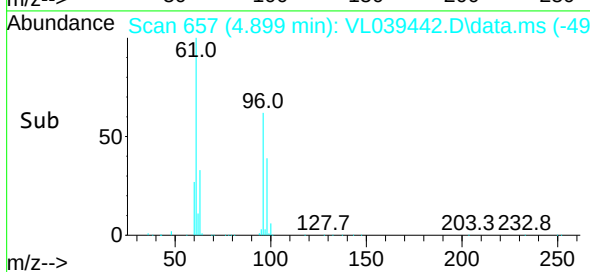
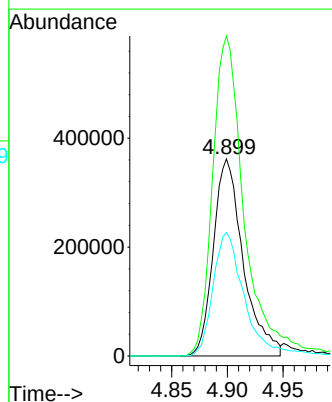
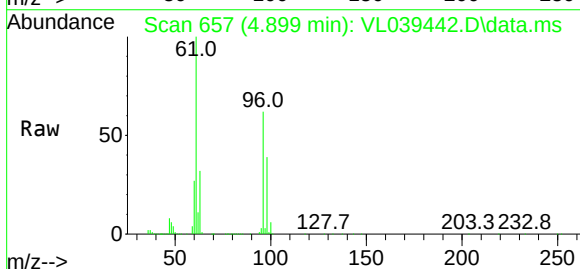
Manual Integrations
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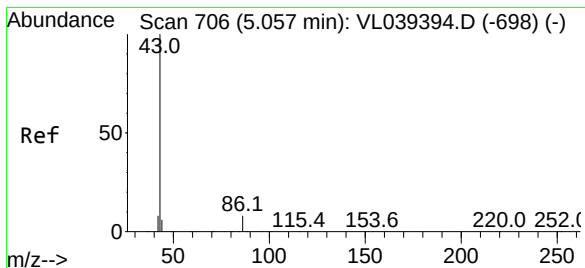
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.320 ppbv
 RT: 4.899 min Scan# 657
 Delta R.T. 0.029 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13

Tgt Ion: 96 Resp: 676278
 Ion Ratio Lower Upper
 96 100
 61 162.3 130.6 195.8
 98 62.6 53.4 80.0





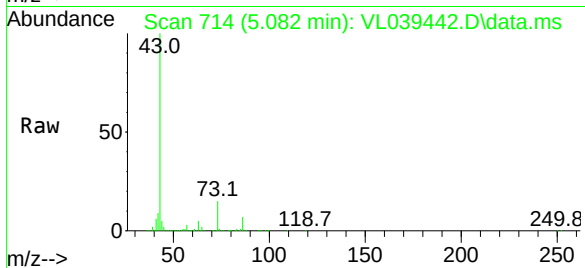
#23
 Vinyl Acetate
 Concen: 11.799 ppbv
 RT: 5.082 min Scan# 714
 Delta R.T. 0.026 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

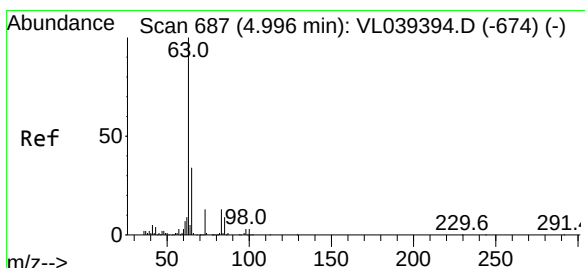
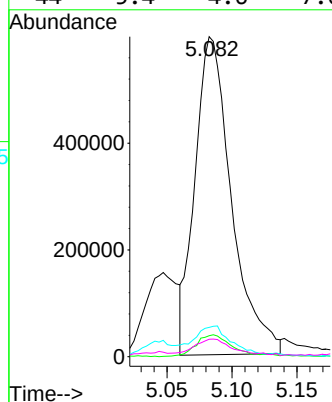
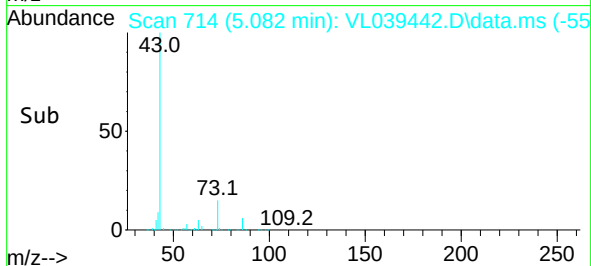


Tgt Ion: 43 Resp: 1163400
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.0 7.6
 42 8.7 7.7 11.5
 44 5.4 4.6 7.0

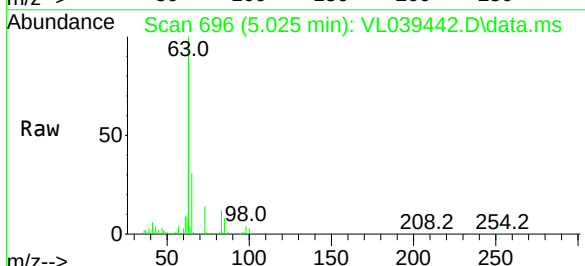
Manual Integrations

APPROVED

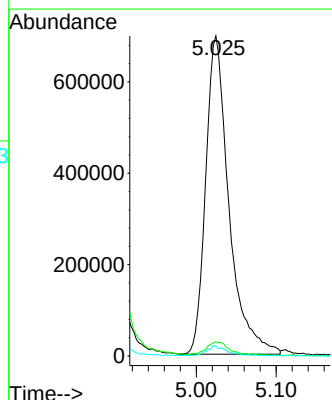
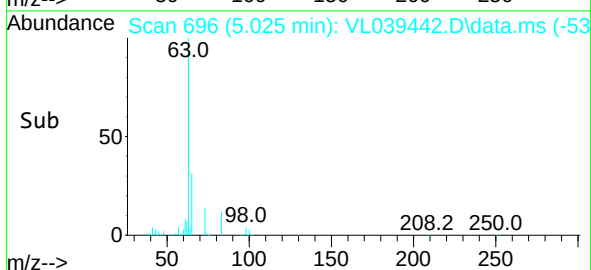
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

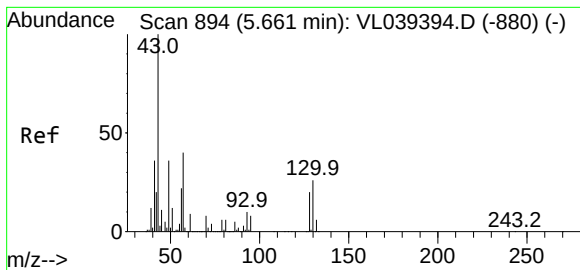


#24
 1,1-Dichloroethane
 Concen: 10.104 ppbv
 RT: 5.025 min Scan# 696
 Delta R.T. 0.029 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13



Tgt Ion: 63 Resp: 1407029
 Ion Ratio Lower Upper
 63 100
 98 4.2 1.8 5.3
 100 3.0 1.5 4.4





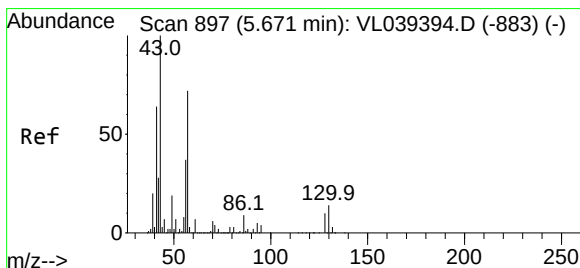
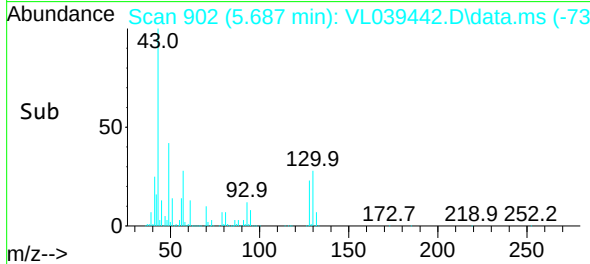
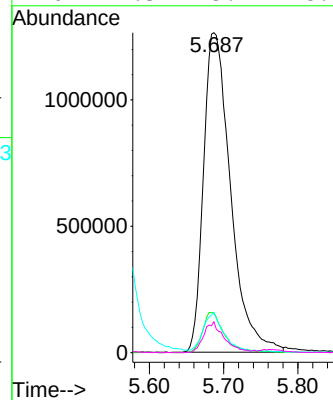
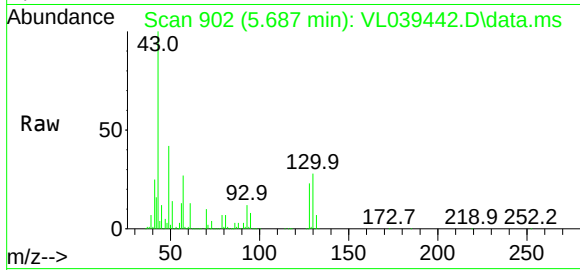
#25
Ethyl Acetate
Concen: 10.584 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.026 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 320212
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.4
61 10.3 8.3 12.5
70 7.3 5.9 8.9

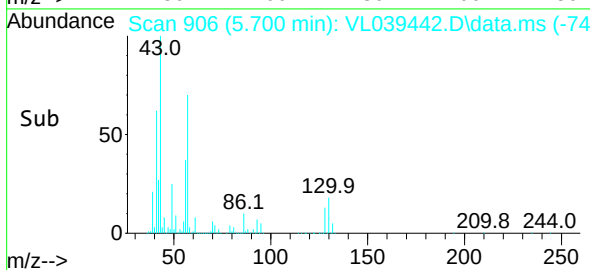
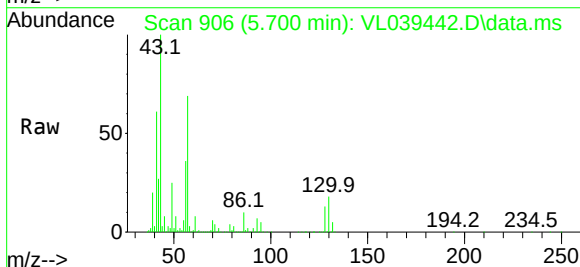
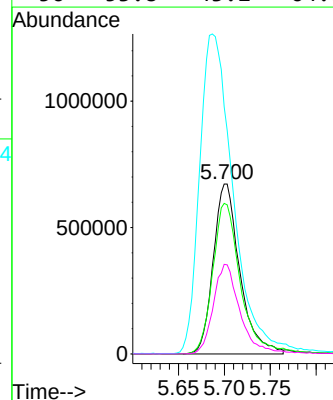
Manual Integrations
APPROVED

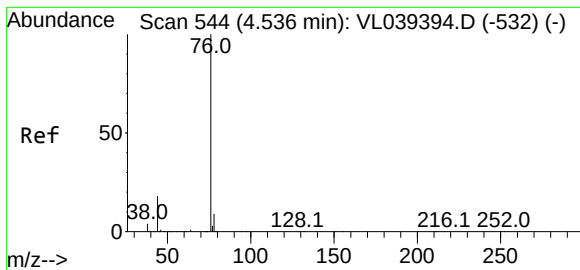
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#26
Hexane
Concen: 11.087 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.029 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Tgt Ion: 57 Resp: 1352055
Ion Ratio Lower Upper
57 100
41 94.1 76.9 115.3
43 240.1 191.0 286.6
56 53.8 43.2 64.8





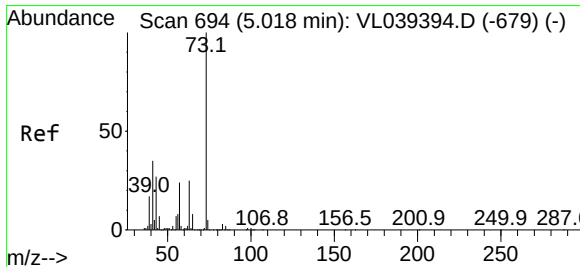
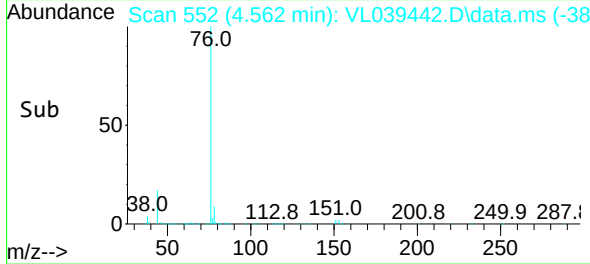
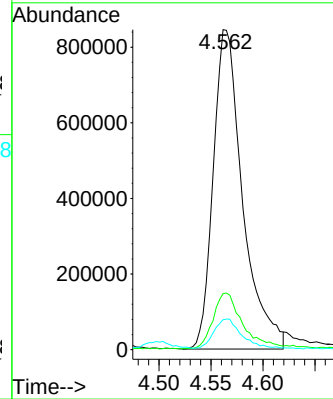
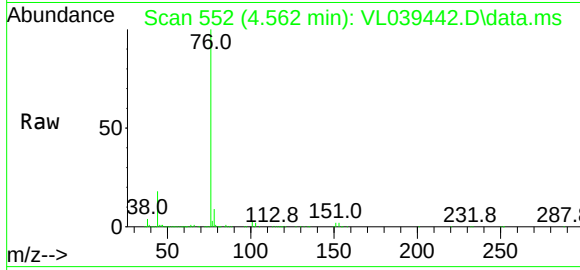
#27
Carbon Disulfide
Concen: 11.284 ppbv
RT: 4.562 min Scan# 511
Delta R.T. 0.026 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1661070
Ion Ratio Lower Upper
76 100
44 19.0 14.6 21.8
78 10.2 7.8 11.6

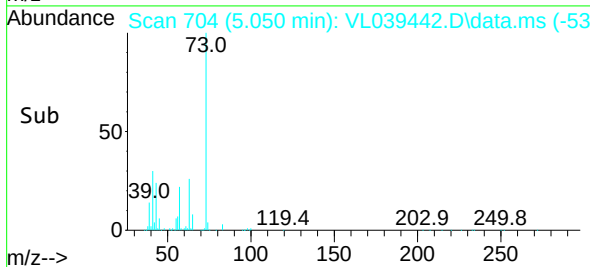
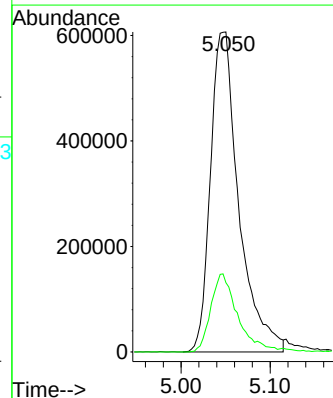
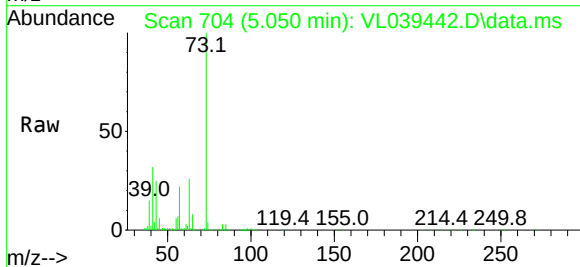
Manual Integrations
APPROVED

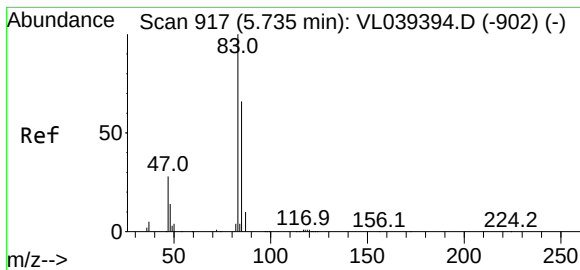
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#28
Methyl tert-Butyl Ether
Concen: 10.276 ppbv
RT: 5.050 min Scan# 704
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

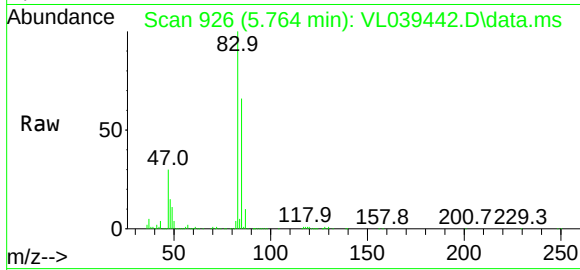
Tgt Ion: 73 Resp: 1339954
Ion Ratio Lower Upper
73 100
57 23.9 19.8 29.8





#29
Chloroform
Concen: 10.027 ppbv
RT: 5.764 min Scan# 917
Delta R.T. 0.029 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

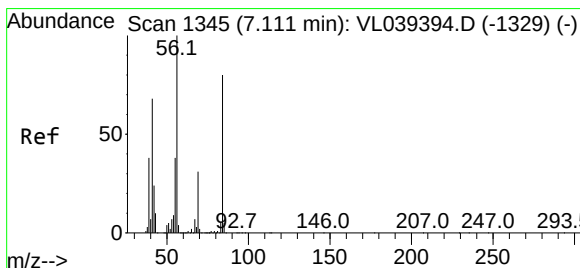
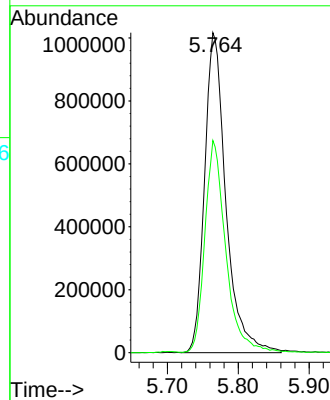
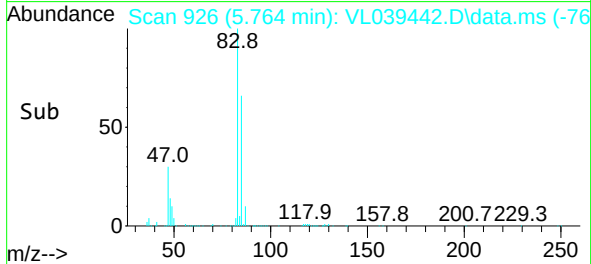
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



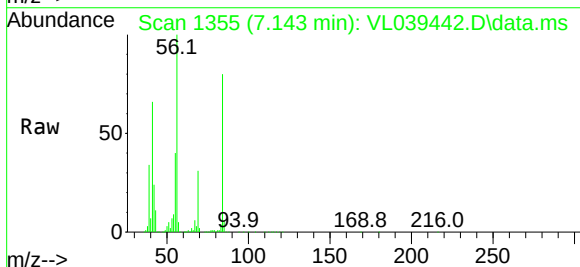
Tgt Ion: 83 Resp: 212638
Ion Ratio Lower Upper
83 100
85 66.1 52.8 79.2

Manual Integrations
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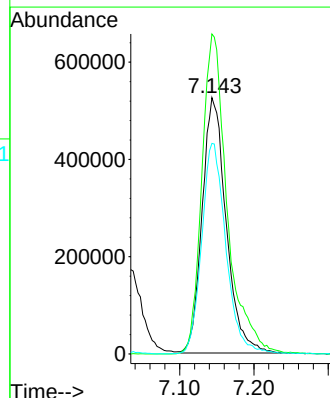
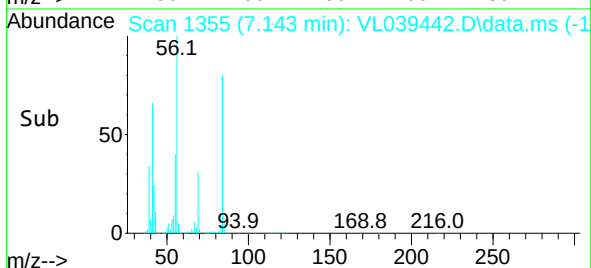
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

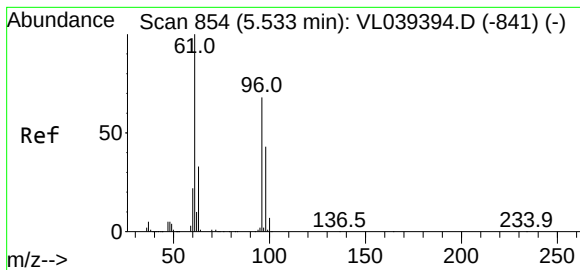


#30
Cyclohexane
Concen: 10.647 ppbv
RT: 7.143 min Scan# 1355
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13



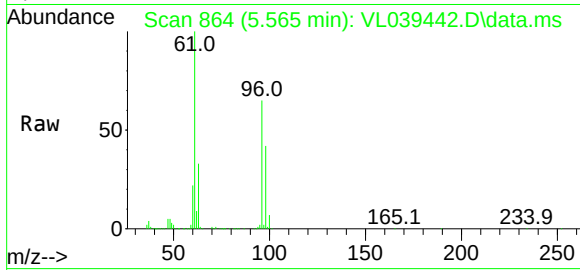
Tgt Ion: 84 Resp: 1182124
Ion Ratio Lower Upper
84 100
56 132.4 107.7 161.5
41 83.5 67.7 101.5





#31
 cis-1,2-Dichloroethene
 Concen: 10.529 ppbv
 RT: 5.565 min Scan# 80
 Delta R.T. 0.032 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13

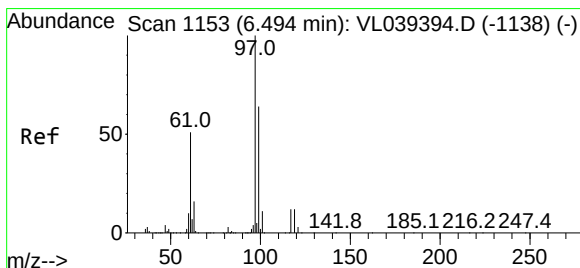
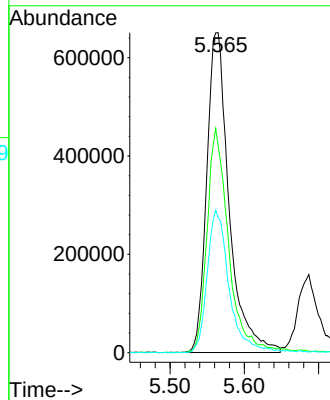
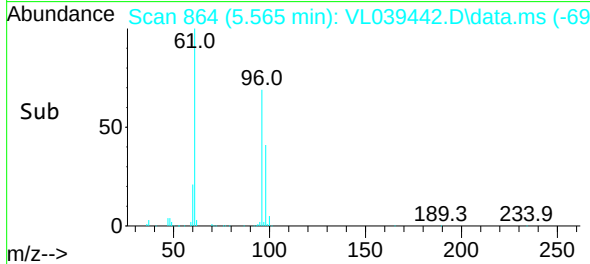
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



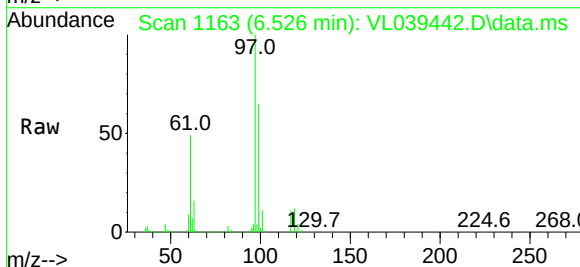
Tgt Ion: 61 Resp: 136246
 Ion Ratio Lower Upper
 61 100
 96 64.7 54.1 81.1
 98 42.3 34.6 52.0

Manual Integrations
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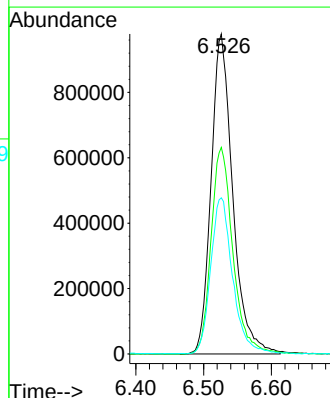
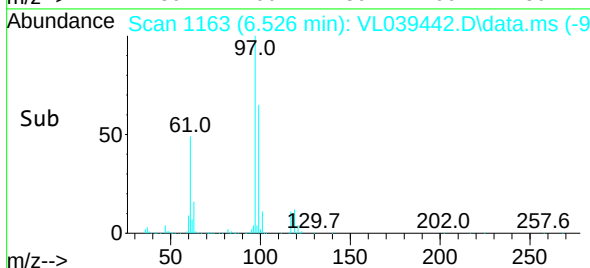
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

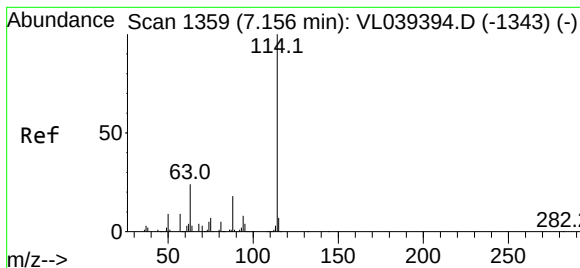


#32
 1,1,1-Trichloroethane
 Concen: 10.382 ppbv
 RT: 6.526 min Scan# 1163
 Delta R.T. 0.032 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13



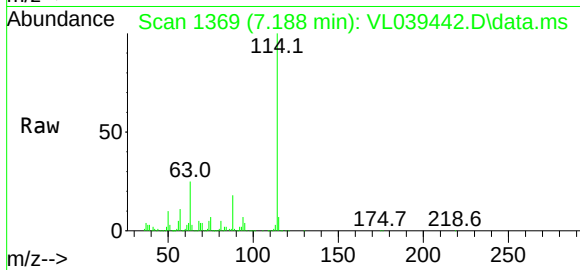
Tgt Ion: 97 Resp: 2172958
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.3 78.5
 61 49.6 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.188 min Scan# 1114
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

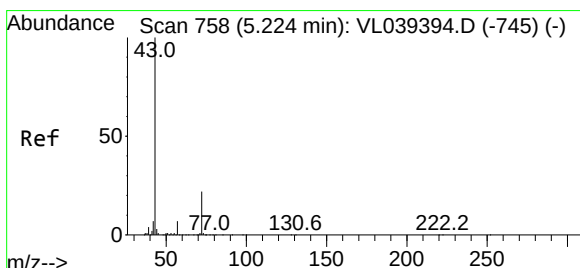
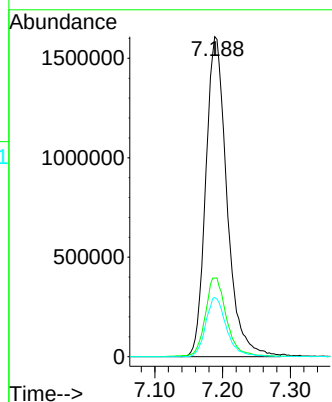
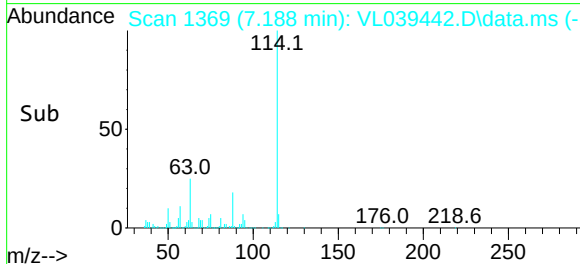
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 349782
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.2 14.5 21.7

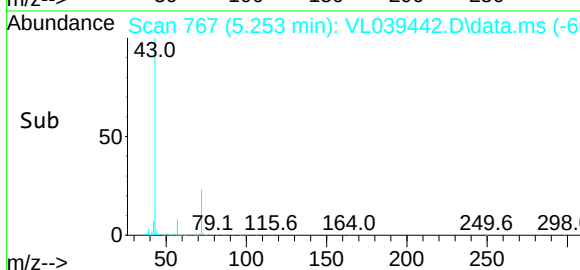
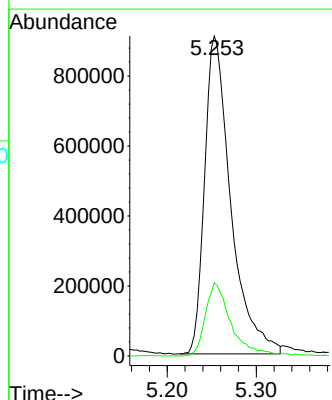
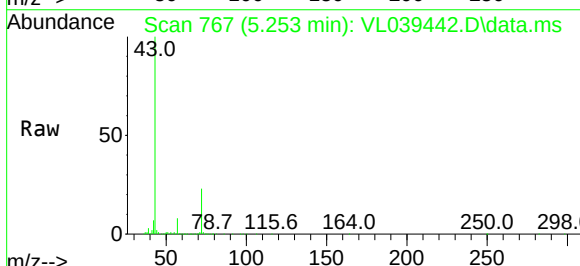
Manual Integrations
APPROVED

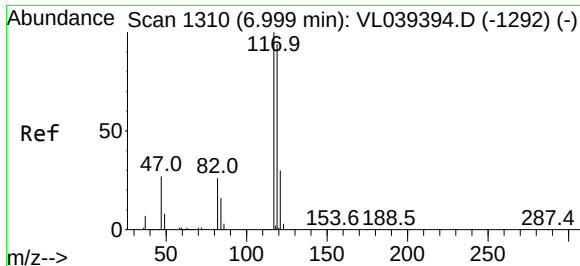
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#34
2-Butanone
Concen: 10.547 ppbv
RT: 5.253 min Scan# 767
Delta R.T. 0.029 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

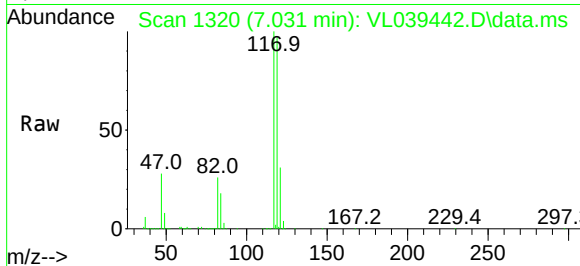
Tgt Ion: 43 Resp: 1857003
Ion Ratio Lower Upper
43 100
72 23.0 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.745 ppbv
RT: 7.031 min Scan# 11
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

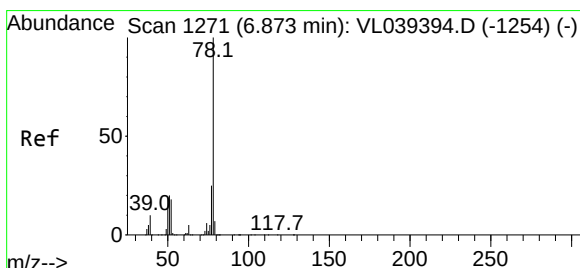
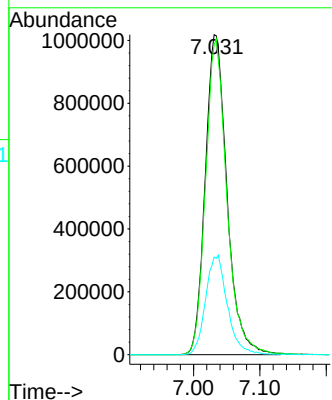
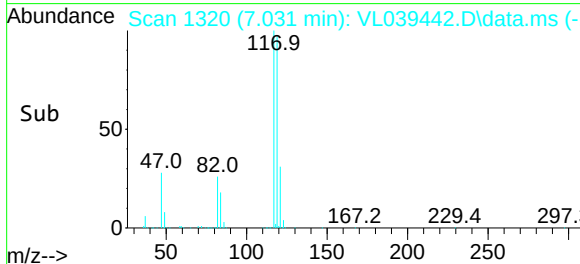
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 232239
Ion Ratio Lower Upper
117 100
119 96.8 75.4 113.2
121 30.5 24.2 36.2

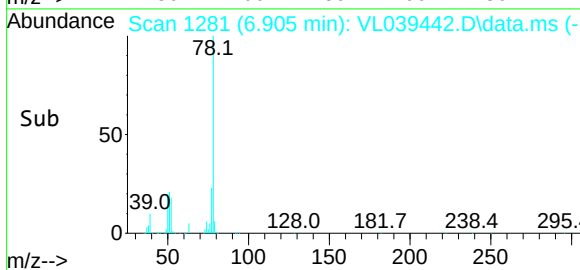
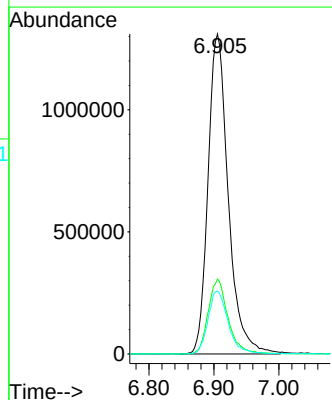
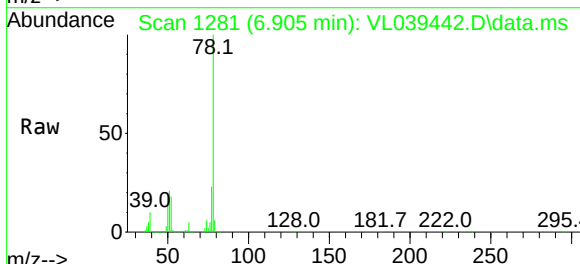
Manual Integrations
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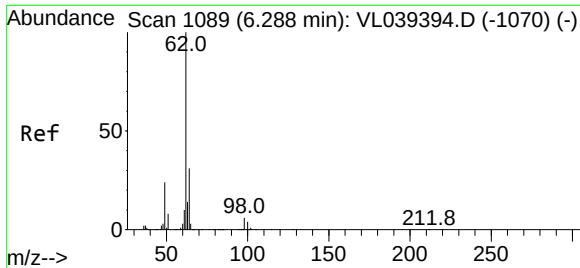
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#36
Benzene
Concen: 10.475 ppbv
RT: 6.905 min Scan# 1281
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Tgt Ion: 78 Resp: 2835816
Ion Ratio Lower Upper
78 100
77 23.4 20.3 30.5
50 19.6 15.5 23.3





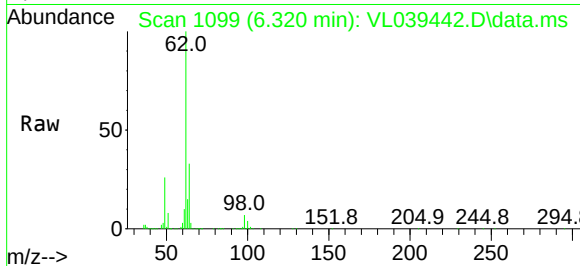
#37
1,2-Dichloroethane
Concen: 10.090 ppbv
RT: 6.320 min Scan# 1089
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

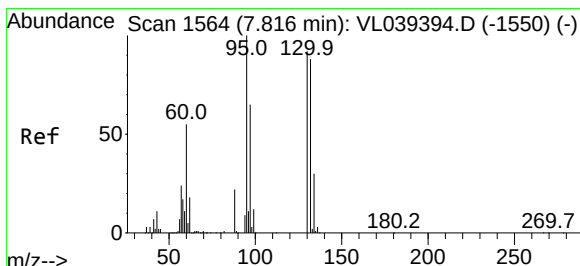
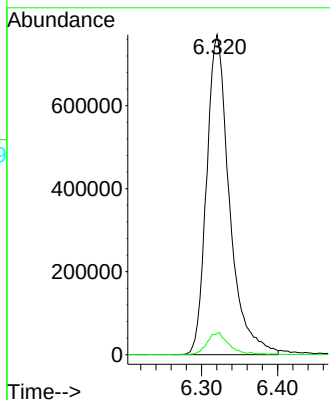
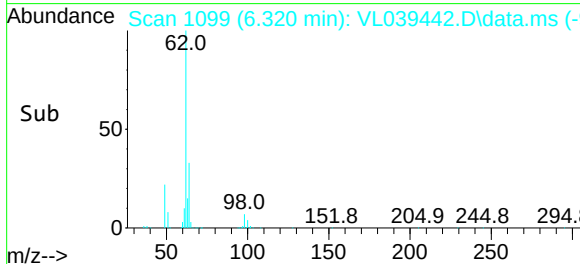


Tgt Ion: 62 Resp: 161226
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

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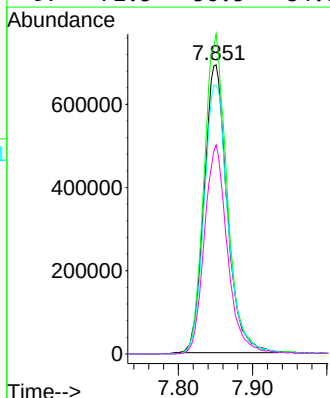
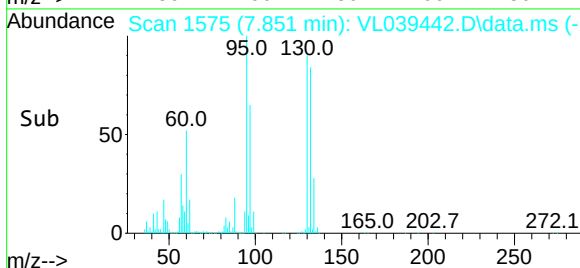
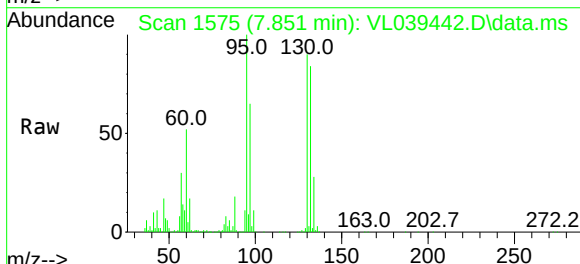
APPROVED

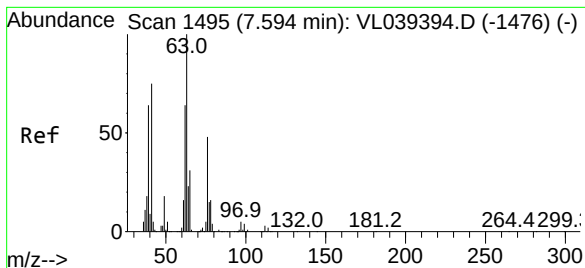
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#38
Trichloroethene
Concen: 10.164 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. 0.035 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

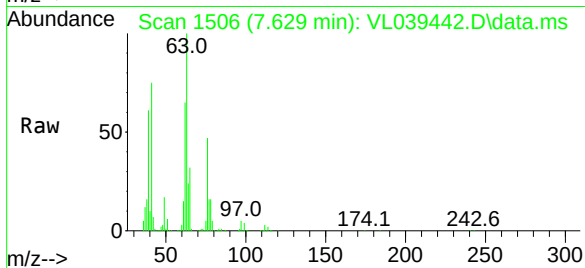
Tgt Ion:130 Resp: 1488244
Ion Ratio Lower Upper
130 100
95 111.0 87.3 130.9
132 93.1 76.7 115.1
97 72.5 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.446 ppbv
RT: 7.629 min Scan# 1506
Delta R.T. 0.035 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

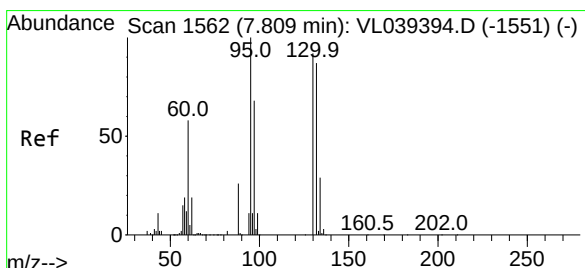
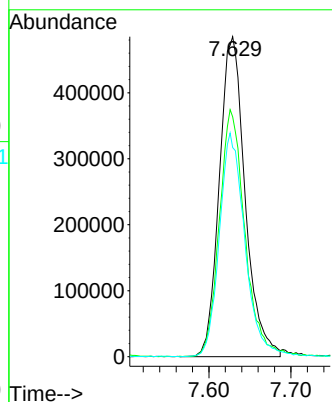
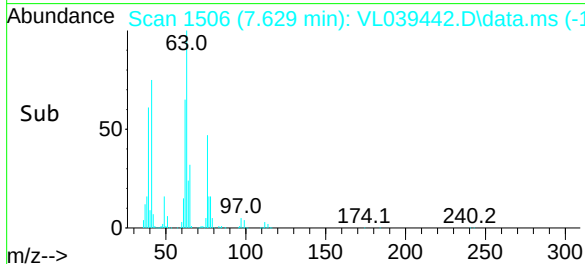
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



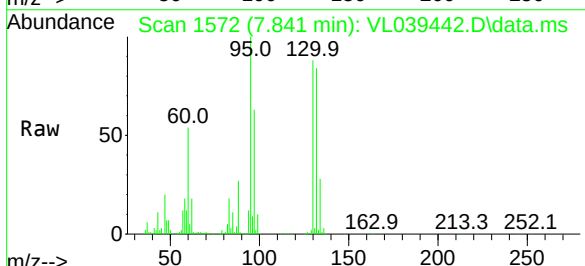
Tgt Ion: 63 Resp: 1056398
Ion Ratio Lower Upper
63 100
41 74.8 59.6 89.4
62 65.4 51.4 77.0

Manual Integrations
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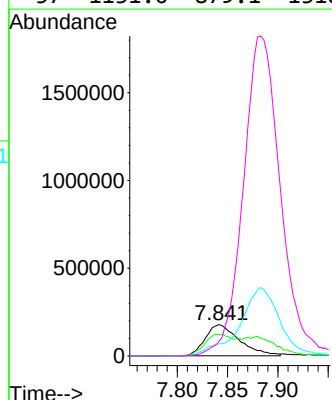
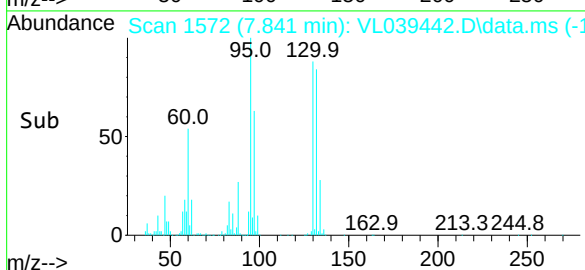
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

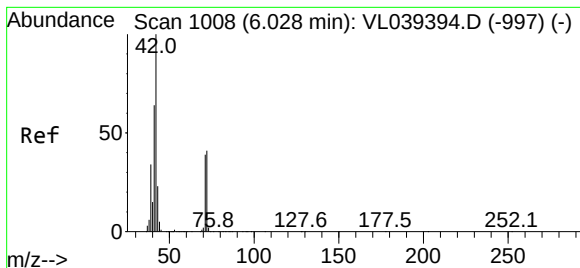


#40
1,4-Dioxane
Concen: 10.348 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13



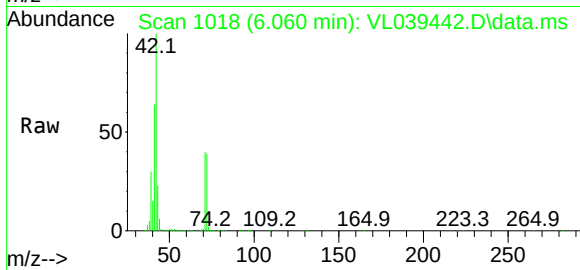
Tgt Ion: 88 Resp: 417034
Ion Ratio Lower Upper
88 100
58 126.4 100.2 150.4
43 260.2 205.8 308.6
57 1131.0 879.1 1318.7





#41
Tetrahydrofuran
Concen: 10.947 ppbv
RT: 6.060 min Scan# 1008
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

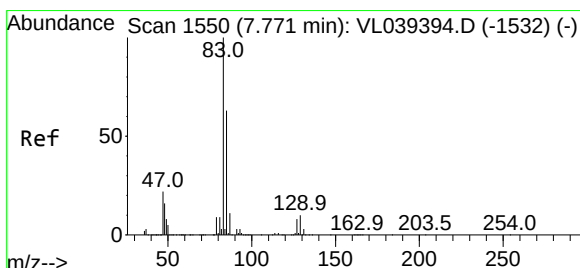
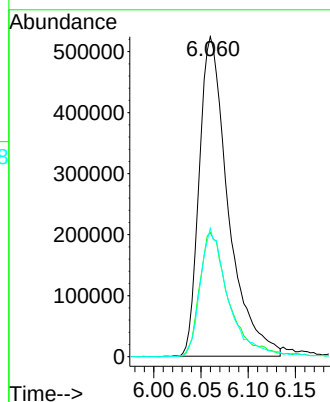
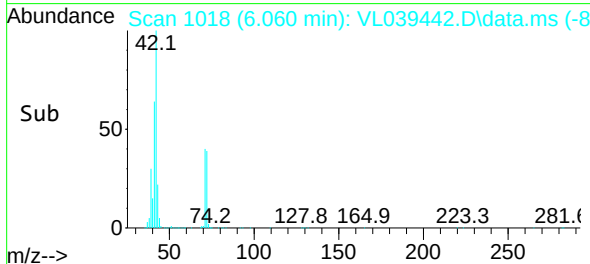
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 1116959
Ion Ratio Lower Upper
42 100
72 40.2 31.8 47.8
71 39.3 31.8 47.8

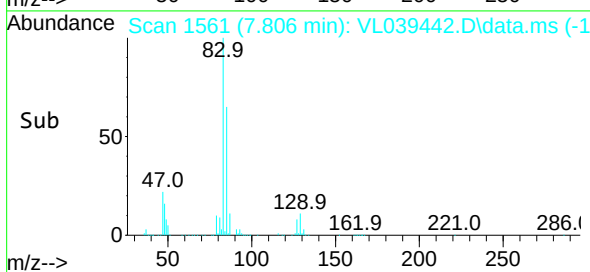
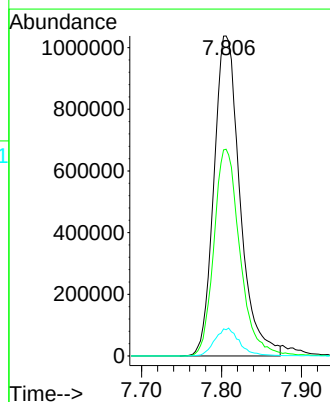
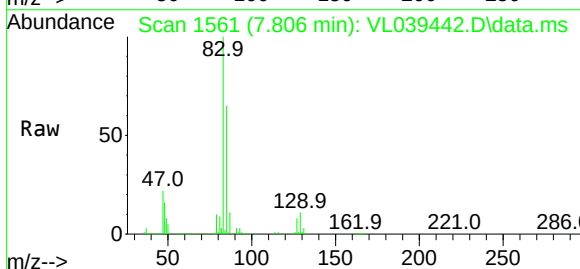
Manual Integrations
APPROVED

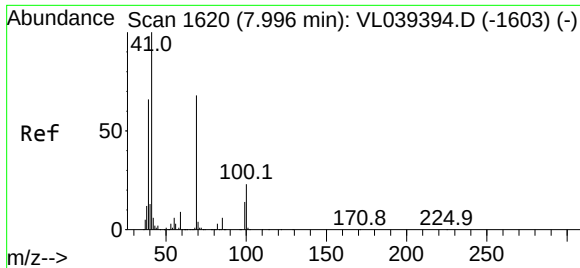
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#42
Bromodichloromethane
Concen: 10.897 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. 0.035 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Tgt Ion: 83 Resp: 2347646
Ion Ratio Lower Upper
83 100
85 64.6 50.7 76.1
127 8.2 6.6 9.8





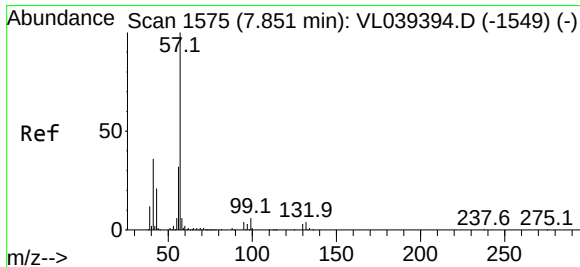
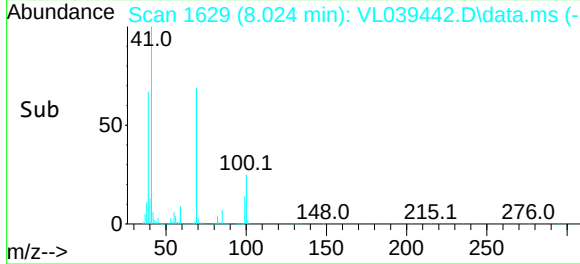
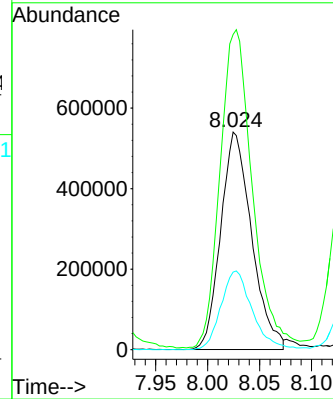
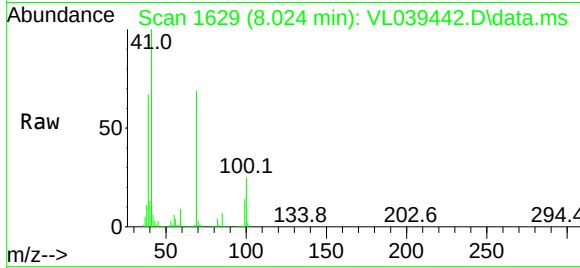
#43
Methyl Methacrylate
Concen: 10.865 ppbv
RT: 8.024 min Scan# 1
Delta R.T. 0.029 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 111840
Ion Ratio Lower Upper
69 100
41 154.4 120.8 181.2
100 36.9 27.8 41.6

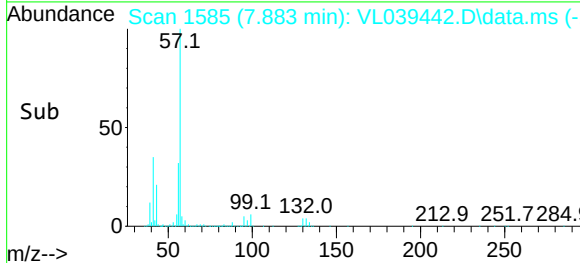
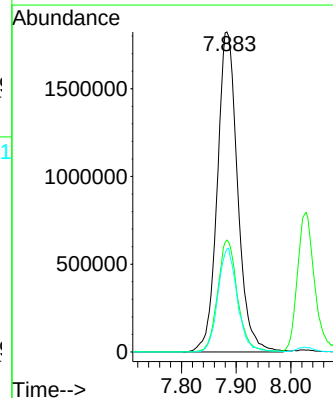
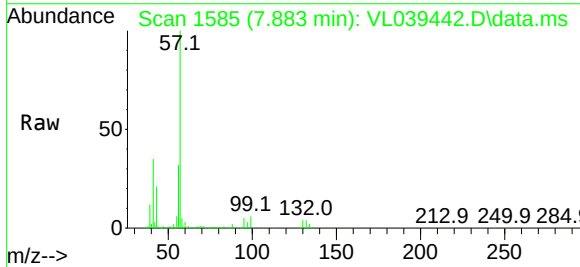
Manual Integrations
APPROVED

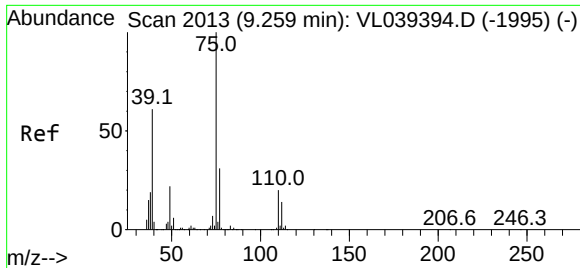
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#44
2,2,4-Trimethylpentane
Concen: 10.270 ppbv
RT: 7.883 min Scan# 1585
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Tgt Ion: 57 Resp: 4711438
Ion Ratio Lower Upper
57 100
41 33.8 27.4 41.2
56 30.9 24.5 36.7





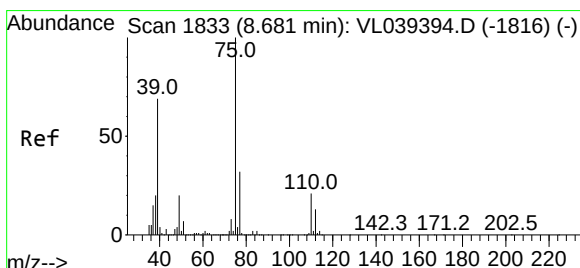
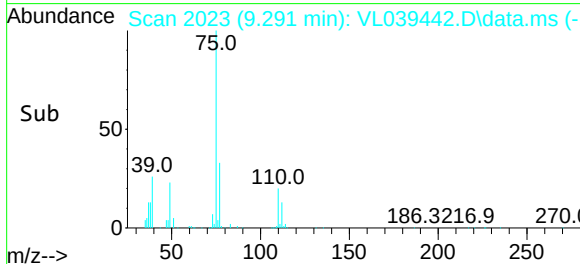
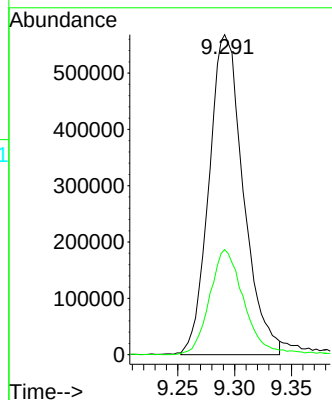
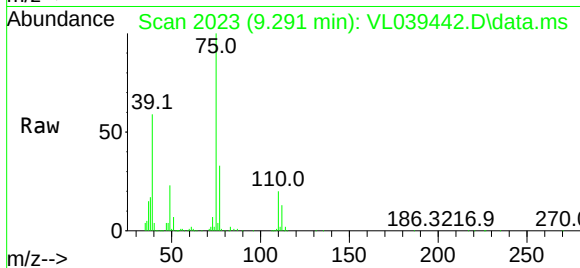
#45
t-1,3-Dichloropropene
Concen: 13.031 ppbv m
RT: 9.291 min Scan# 2013
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1194286
Ion Ratio Lower Upper
75 100
77 32.9 24.6 36.8

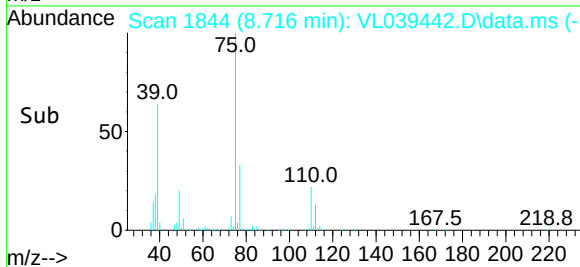
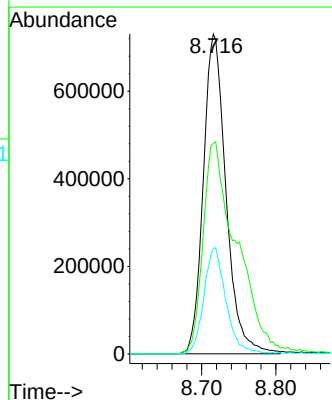
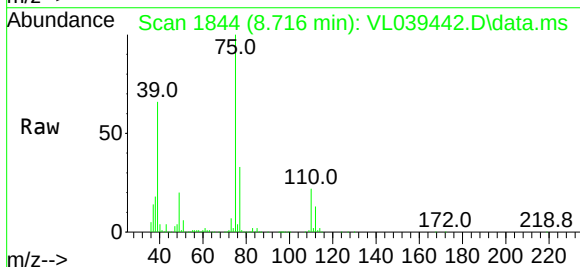
Manual Integrations
APPROVED

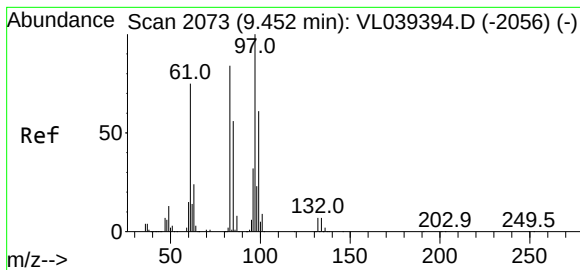
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#46
cis-1,3-Dichloropropene
Concen: 12.297 ppbv
RT: 8.716 min Scan# 1844
Delta R.T. 0.035 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

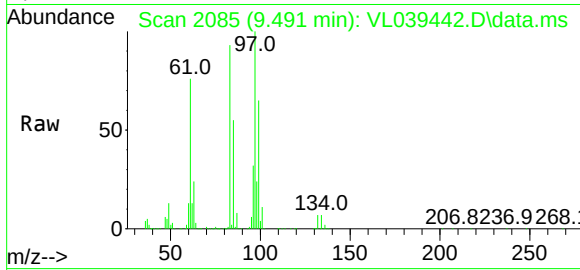
Tgt Ion: 75 Resp: 1551296
Ion Ratio Lower Upper
75 100
39 65.8 55.0 82.4
77 33.0 25.7 38.5





#47
 1,1,2-Trichloroethane
 Concen: 10.236 ppbv
 RT: 9.491 min Scan# 2073
 Delta R.T. 0.038 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13

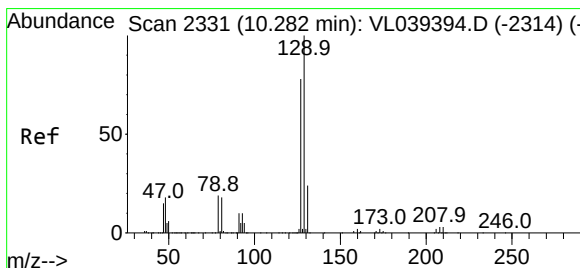
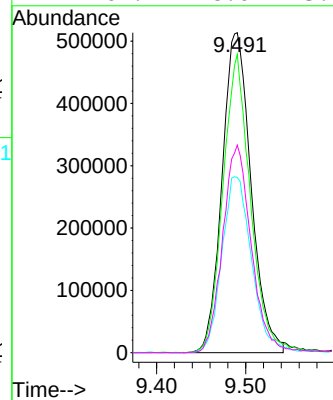
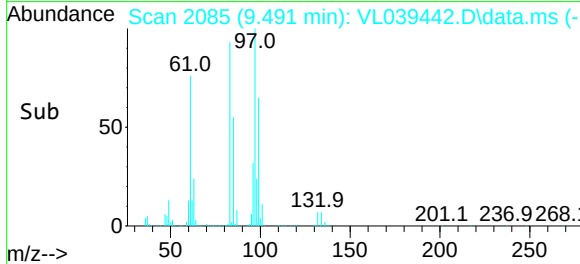
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



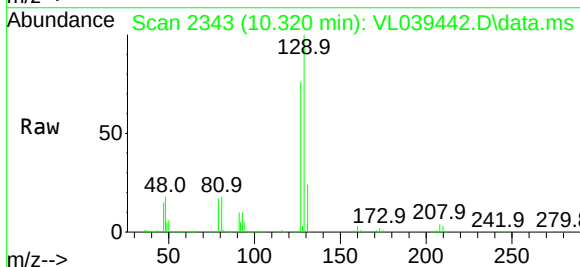
Tgt Ion: 97 Resp: 1161599
 Ion Ratio Lower Upper
 97 100
 83 93.1 67.4 101.0
 85 54.7 45.1 67.7
 99 64.9 48.6 73.0

Manual Integrations
 APPROVED

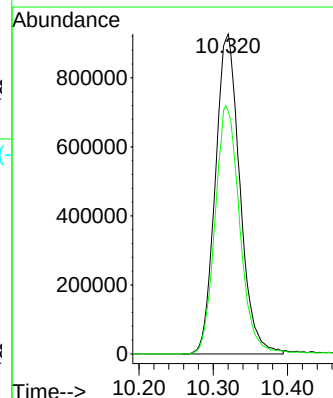
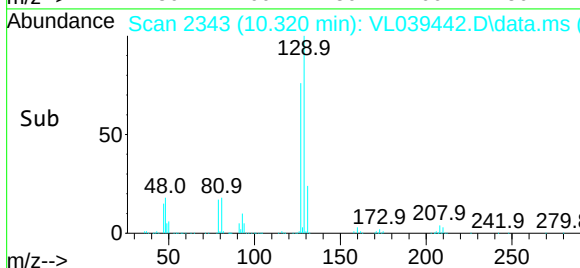
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

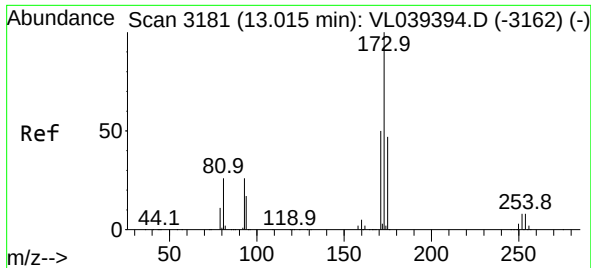


#48
 Dibromochloromethane
 Concen: 11.795 ppbv
 RT: 10.320 min Scan# 2343
 Delta R.T. 0.038 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13



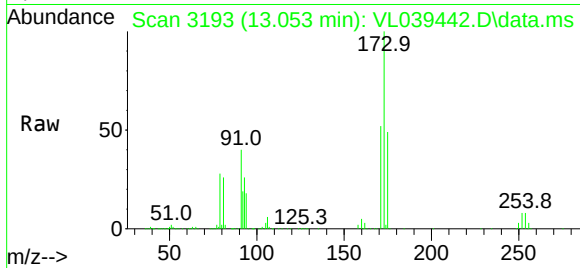
Tgt Ion:129 Resp: 2127247
 Ion Ratio Lower Upper
 129 100
 127 78.6 39.3 117.9





#49
Bromoform
Concen: 12.339 ppbv
RT: 13.053 min Scan# 3181
Delta R.T. 0.038 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

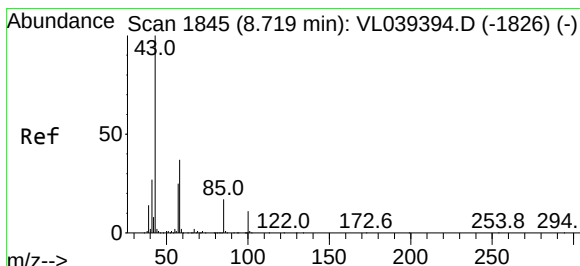
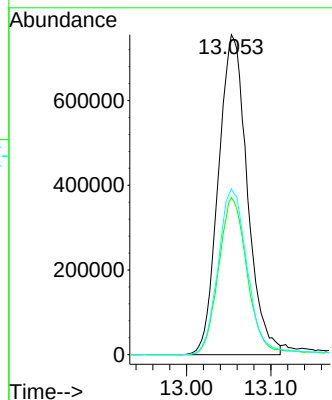
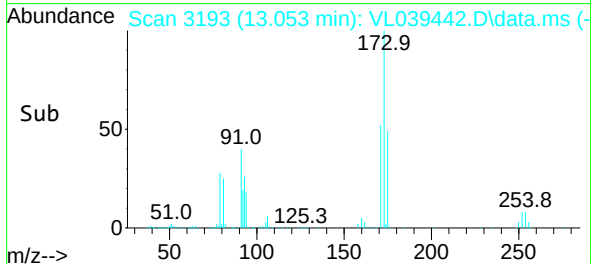
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



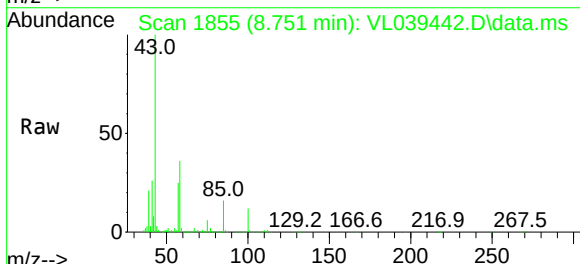
Tgt Ion:173 Resp: 1795330
Ion Ratio Lower Upper
173 100
175 50.1 40.3 60.5
171 54.0 42.9 64.3

Manual Integrations
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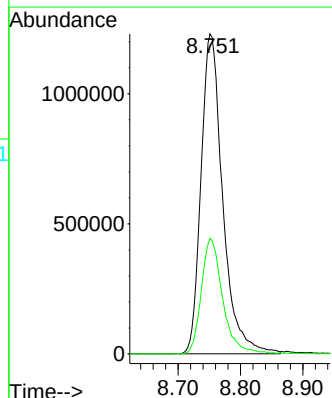
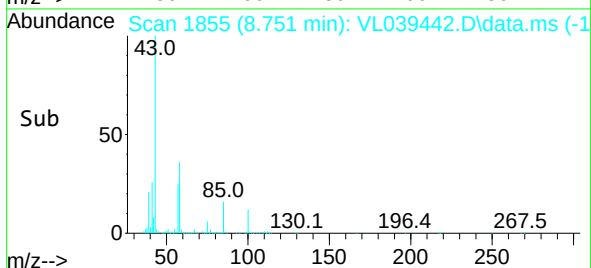
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

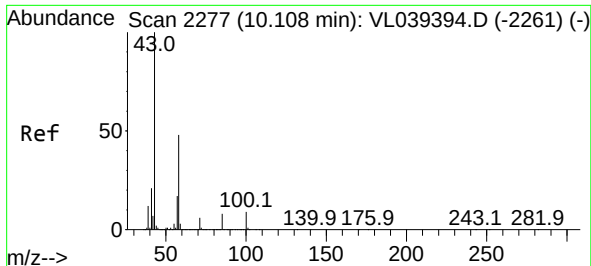


#50
4-Methyl-2-Pentanone
Concen: 11.150 ppbv
RT: 8.751 min Scan# 1855
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13



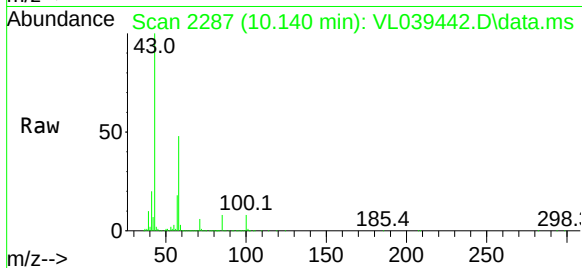
Tgt Ion: 43 Resp: 2968593
Ion Ratio Lower Upper
43 100
58 35.8 28.8 43.2





#51
2-Hexanone
Concen: 11.547 ppbv
RT: 10.140 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

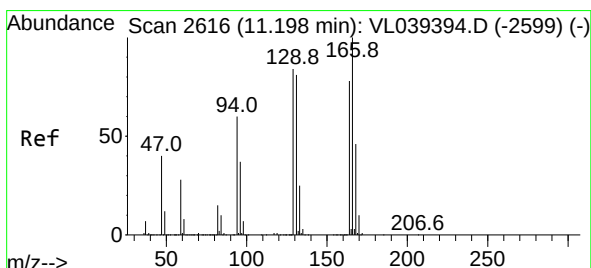
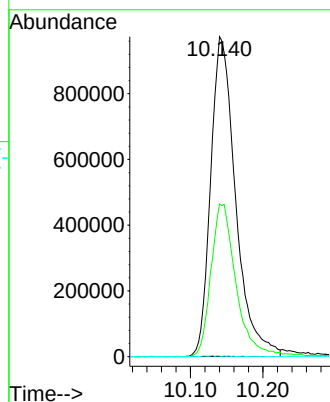
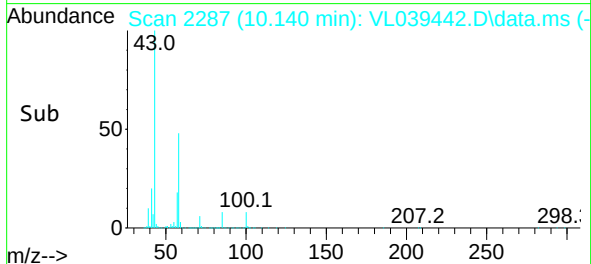
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



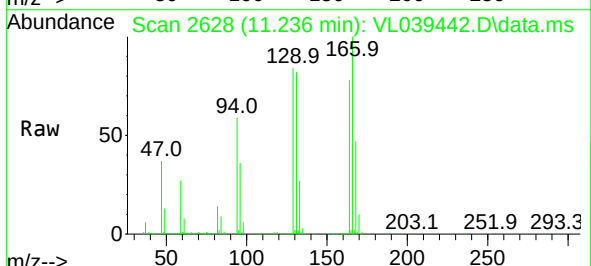
Tgt Ion: 43 Resp: 232523
Ion Ratio Lower Upper
43 100
58 48.7 38.4 57.6
98 0.1 0.3 0.5

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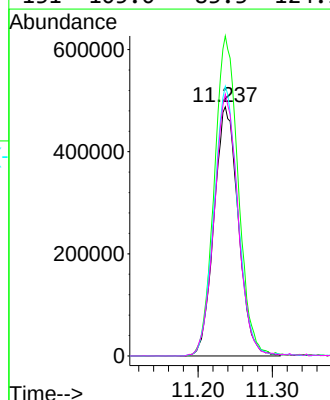
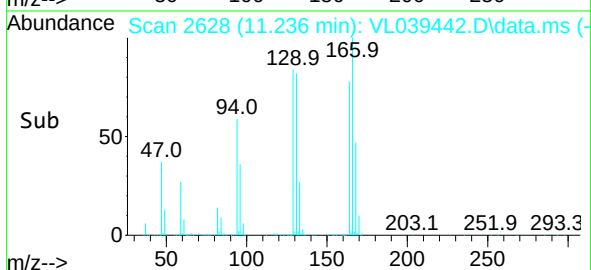
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

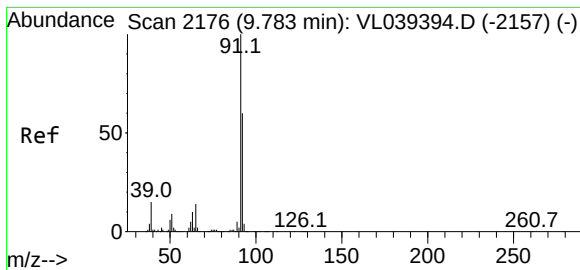


#52
Tetrachloroethene
Concen: 10.163 ppbv
RT: 11.236 min Scan# 2628
Delta R.T. 0.038 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13



Tgt Ion:164 Resp: 1107542
Ion Ratio Lower Upper
164 100
166 128.4 102.2 153.2
129 108.2 85.8 128.8
131 105.0 83.3 124.9





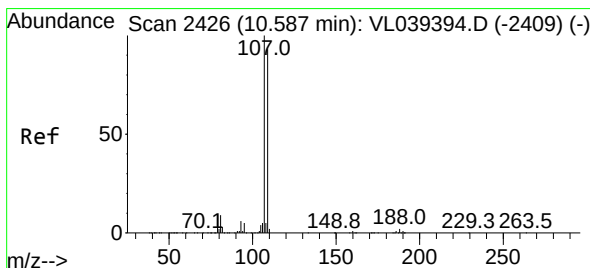
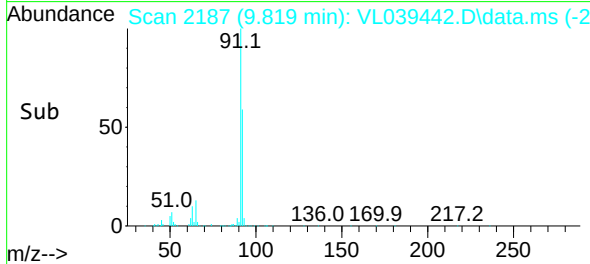
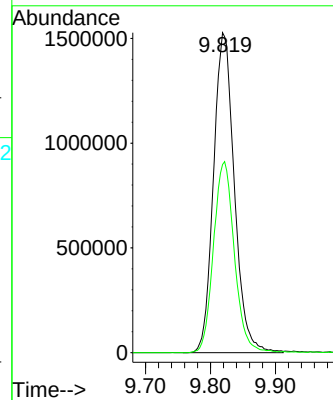
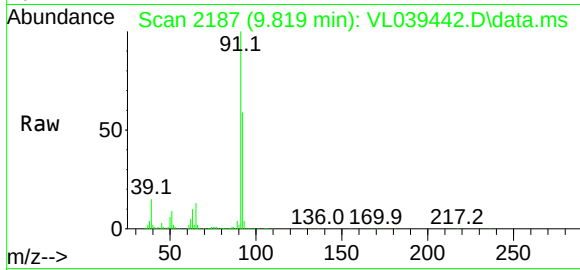
#53
Toluene
Concen: 10.914 ppbv
RT: 9.819 min Scan# 2176
Delta R.T. 0.035 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3407970
Ion Ratio Lower Upper
91 100
92 59.9 48.2 72.2

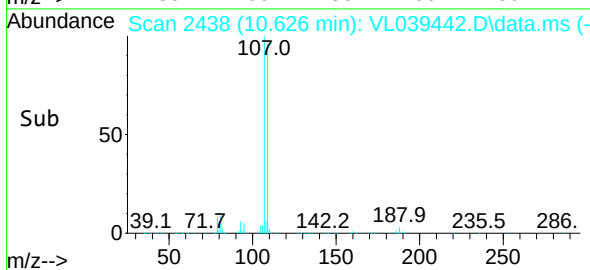
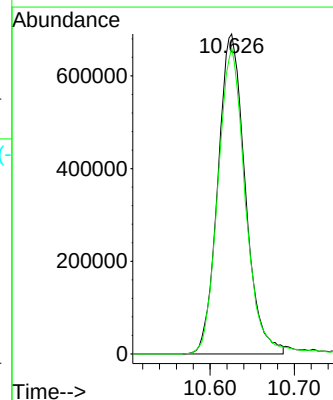
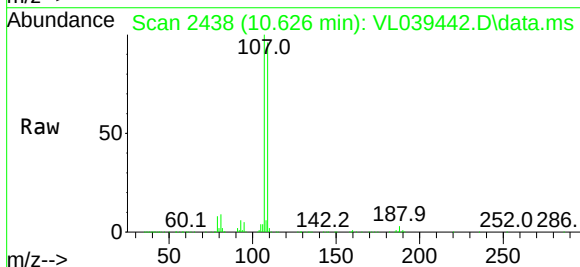
Manual Integrations
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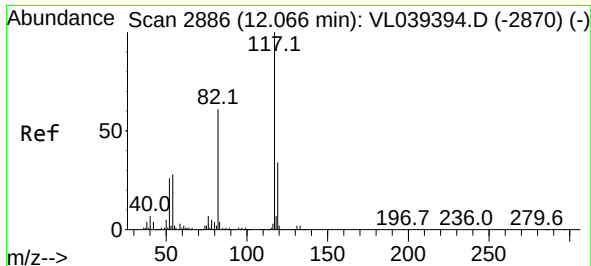
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#54
1,2-Dibromoethane
Concen: 11.000 ppbv
RT: 10.626 min Scan# 2438
Delta R.T. 0.038 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Tgt Ion:107 Resp: 1553155
Ion Ratio Lower Upper
107 100
109 95.7 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.098 min Scan# 2896

Delta R.T. 0.032 min

Lab File: VL039442.D

Acq: 12 Jul 2022 10:13

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 3258704

Ion Ratio Lower Upper

117 100

82 63.9 50.8 76.2

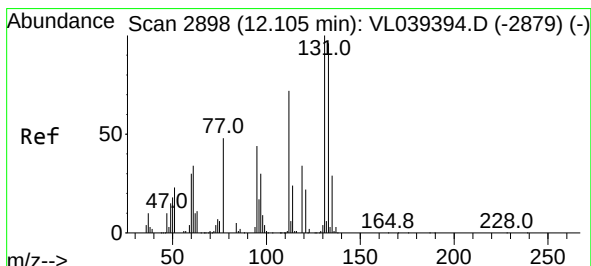
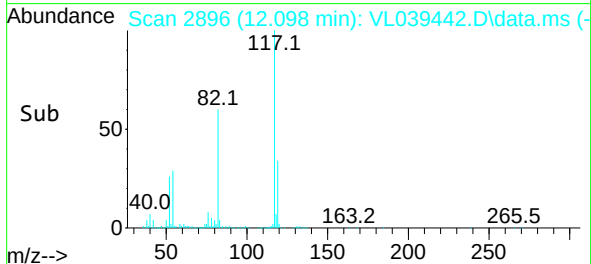
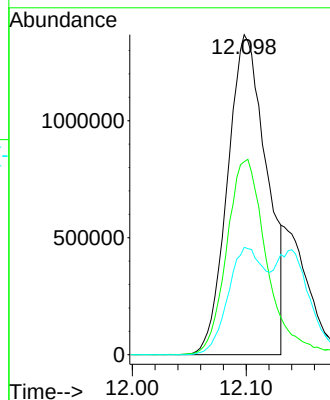
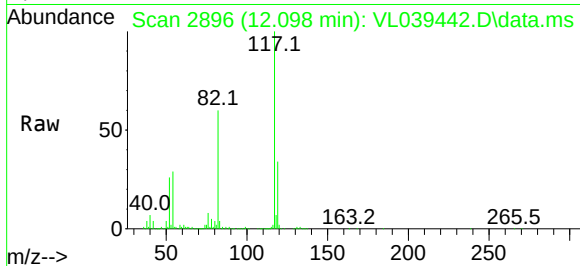
119 31.9 24.1 36.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.544 ppbv

RT: 12.140 min Scan# 2909

Delta R.T. 0.035 min

Lab File: VL039442.D

Acq: 12 Jul 2022 10:13

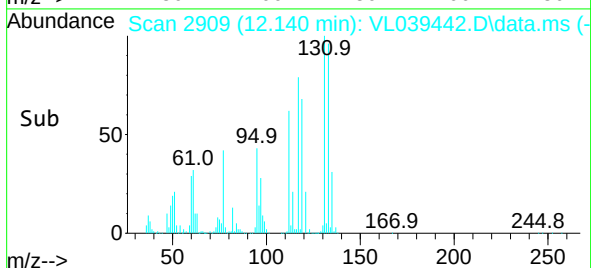
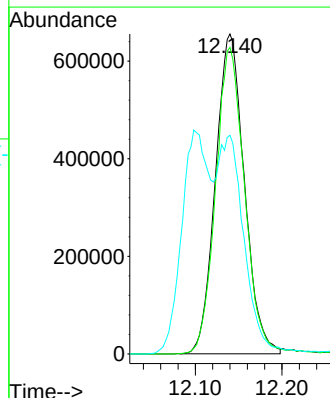
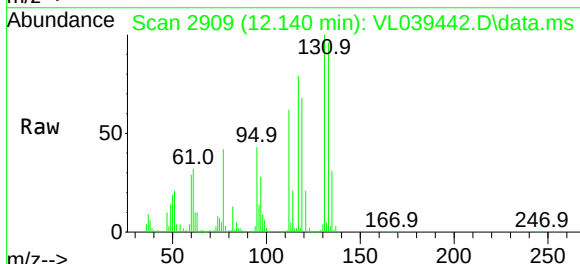
Tgt Ion:131 Resp: 1517874

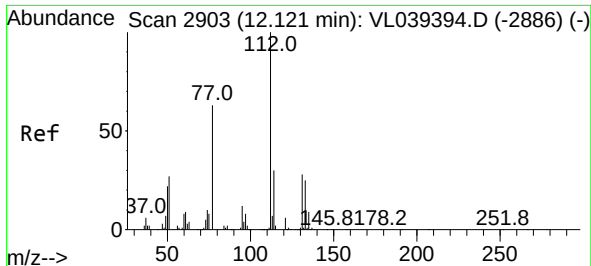
Ion Ratio Lower Upper

131 100

133 97.0 76.8 115.2

119 68.1 46.2 69.4





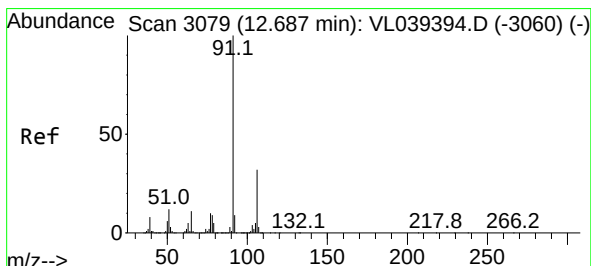
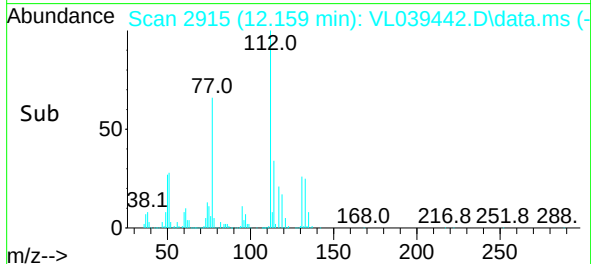
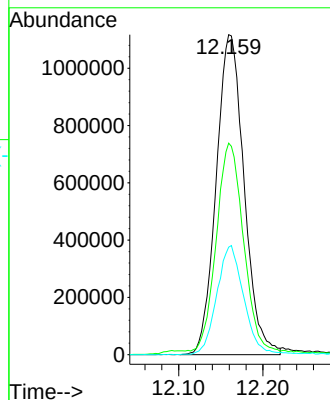
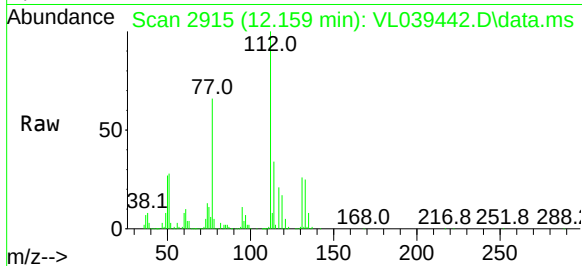
#57
Chlorobenzene
Concen: 10.146 ppbv
RT: 12.159 min Scan# 2915
Delta R.T. 0.038 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 256325
Ion Ratio Lower Upper
112 100
77 65.0 51.0 76.4
114 33.6 27.5 33.6

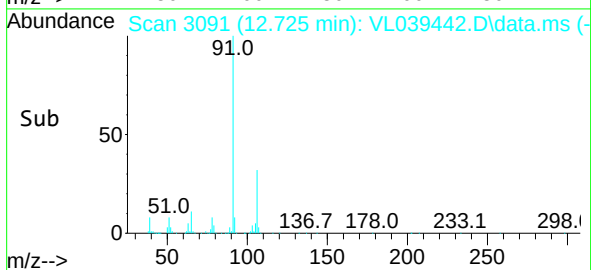
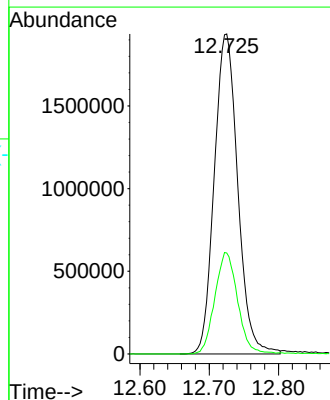
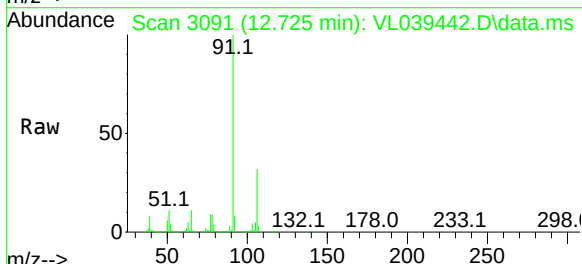
Manual Integrations
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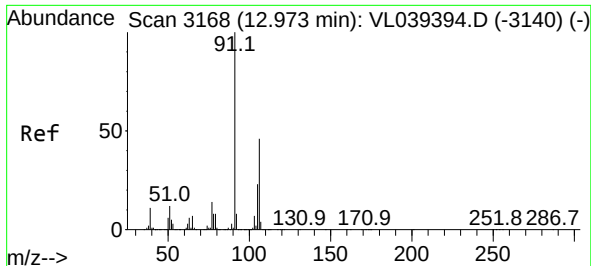
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#58
Ethyl Benzene
Concen: 10.808 ppbv
RT: 12.725 min Scan# 3091
Delta R.T. 0.038 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Tgt Ion: 91 Resp: 4547811
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0





#59

m/p-Xylene

Concen: 20.815 ppbv m

RT: 13.008 min Scan# 3168

Delta R.T. 0.035 min

Lab File: VL039442.D

Acq: 12 Jul 2022 10:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 772149

Ion Ratio Lower Upper

91 100

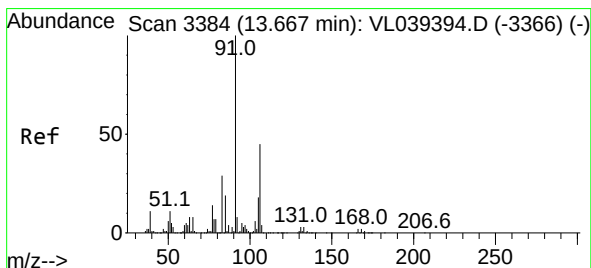
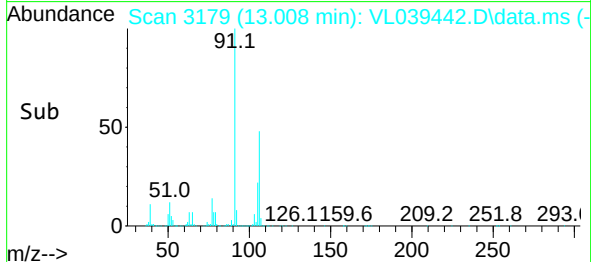
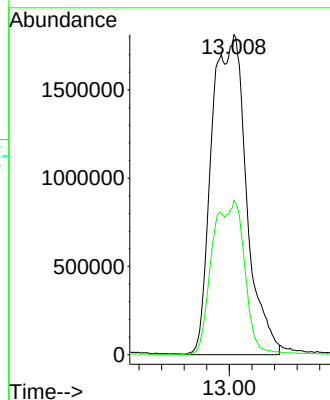
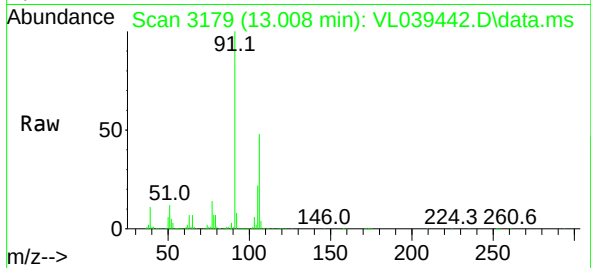
106 45.3 35.4 53.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#60

o-Xylene

Concen: 10.489 ppbv

RT: 13.706 min Scan# 3396

Delta R.T. 0.038 min

Lab File: VL039442.D

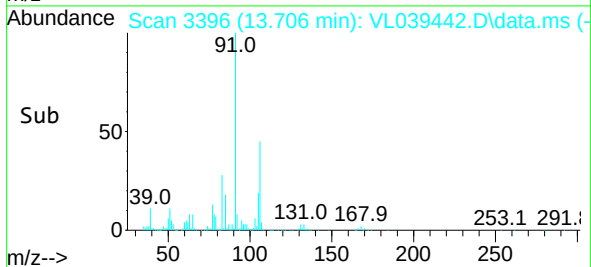
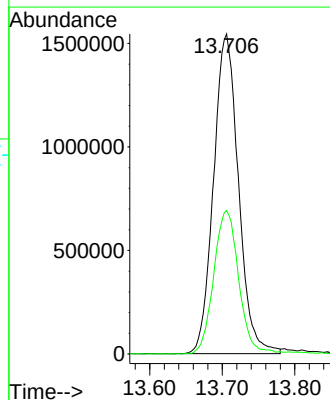
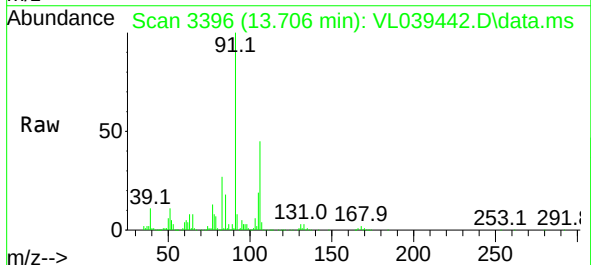
Acq: 12 Jul 2022 10:13

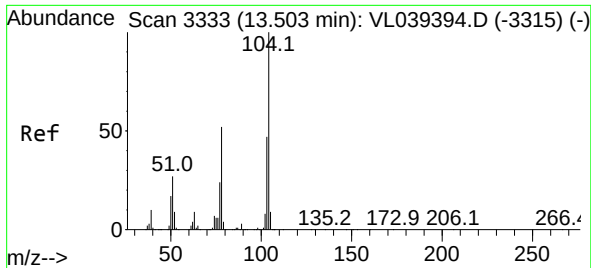
Tgt Ion: 91 Resp: 3684458

Ion Ratio Lower Upper

91 100

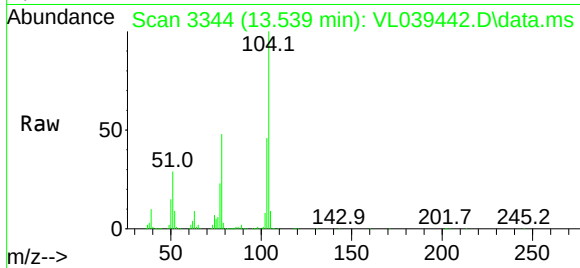
106 46.0 22.4 67.3





#61
Styrene
Concen: 11.692 ppbv
RT: 13.539 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

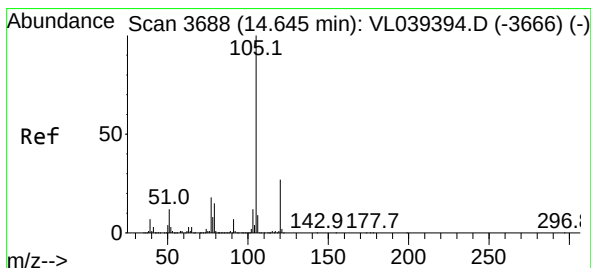
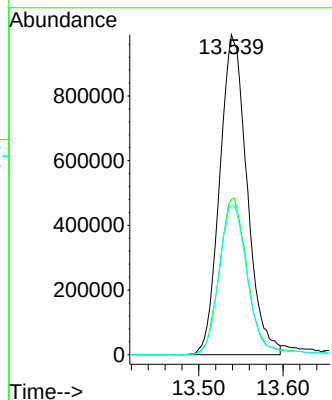
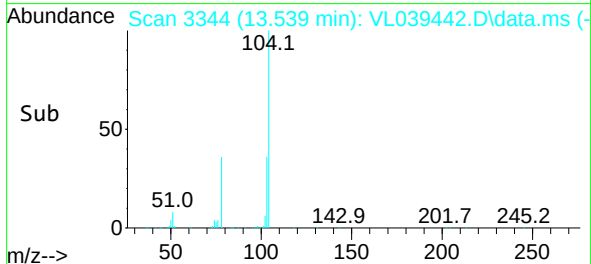
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



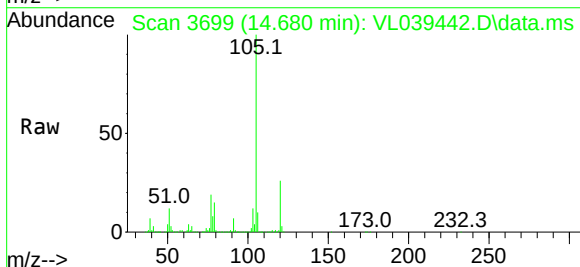
Tgt Ion:104 Resp: 2224800
Ion Ratio Lower Upper
104 100
78 50.7 41.2 61.8
103 48.8 38.7 58.1

Manual Integrations
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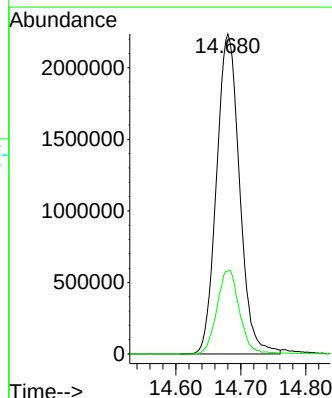
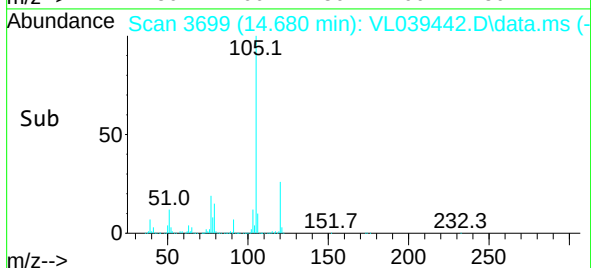
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

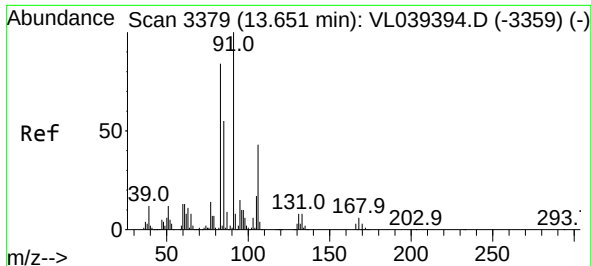


#62
Isopropylbenzene
Concen: 10.262 ppbv
RT: 14.680 min Scan# 3699
Delta R.T. 0.035 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13



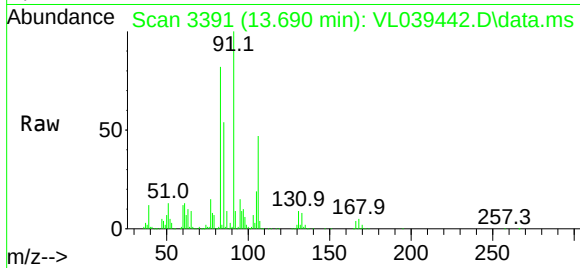
Tgt Ion:105 Resp: 5489456
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.608 ppbv
RT: 13.690 min Scan# 31
Delta R.T. 0.038 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

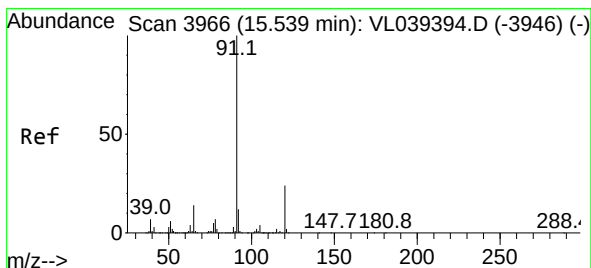
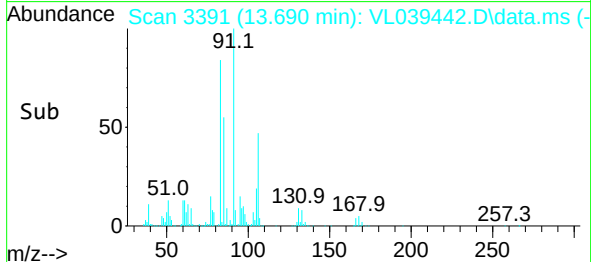
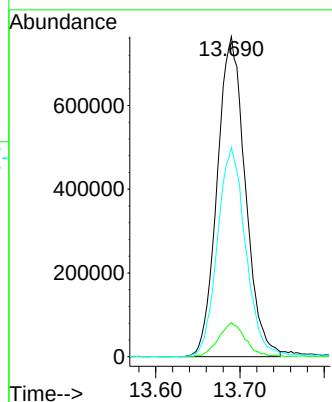
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1769110
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 66.6 33.1 99.5

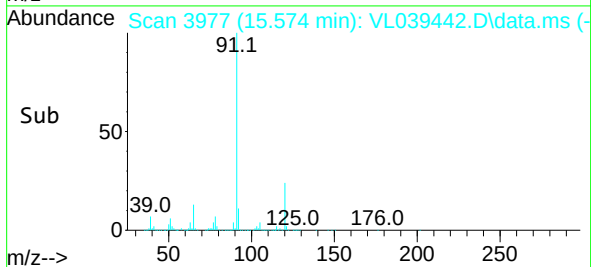
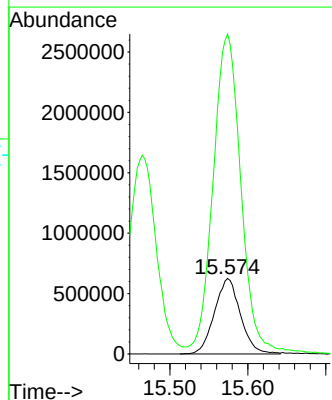
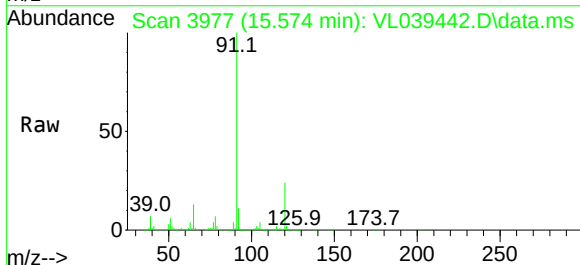
Manual Integrations
APPROVED

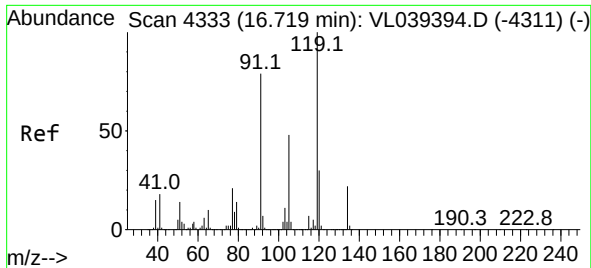
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#64
n-propylbenzene
Concen: 10.654 ppbv
RT: 15.574 min Scan# 3977
Delta R.T. 0.035 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Tgt Ion:120 Resp: 1444504
Ion Ratio Lower Upper
120 100
91 456.3 367.2 550.8





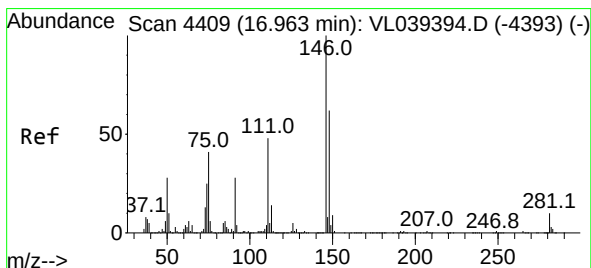
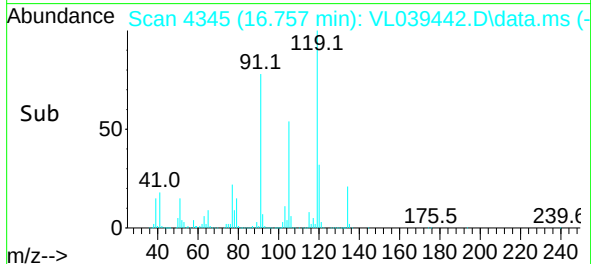
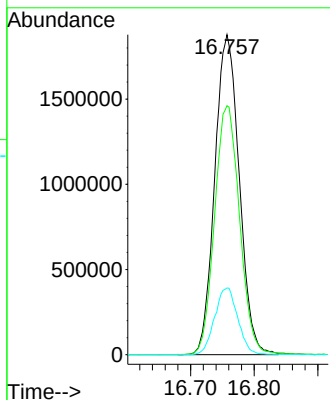
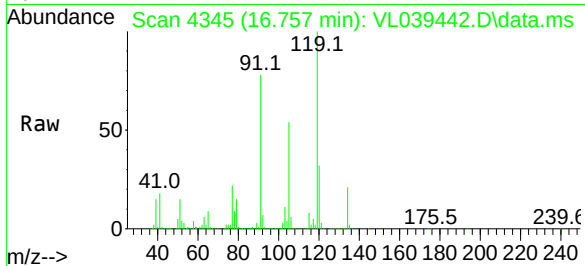
#65
tert-Butylbenzene
Concen: 10.142 ppbv
RT: 16.757 min Scan# 41
Delta R.T. 0.038 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 501356
Ion Ratio Lower Upper
119 100
91 79.4 63.4 95.2
134 19.8 15.9 23.9

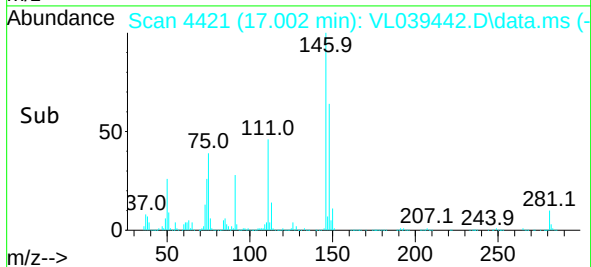
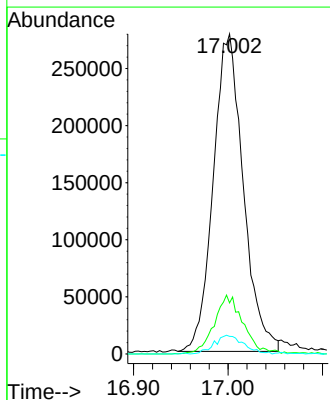
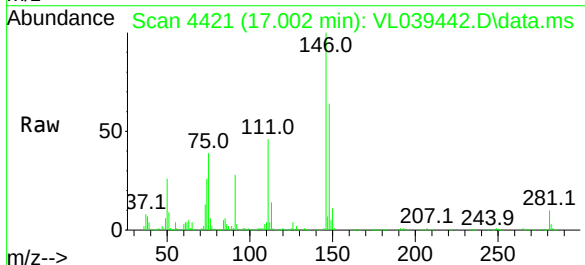
Manual Integrations
APPROVED

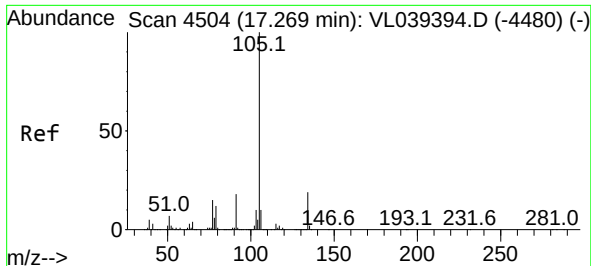
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#66
Benzyl Chloride
Concen: 13.055 ppbv
RT: 17.002 min Scan# 4421
Delta R.T. 0.038 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

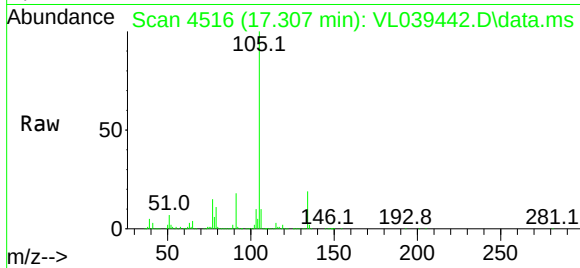
Tgt Ion: 91 Resp: 613247
Ion Ratio Lower Upper
91 100
126 18.1 13.1 19.7
128 5.8 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.263 ppbv
 RT: 17.307 min Scan# 41
 Delta R.T. 0.038 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13

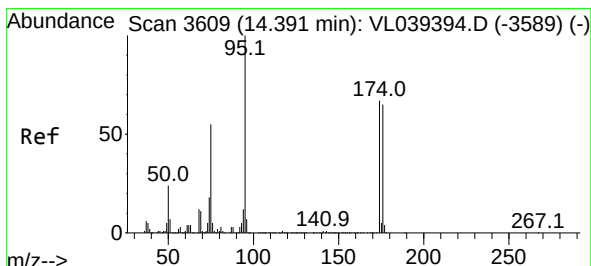
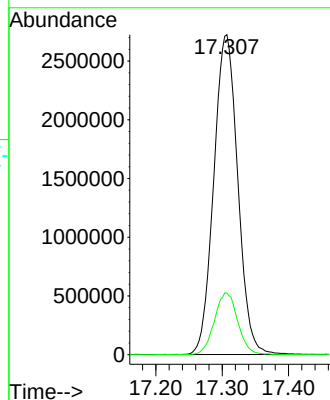
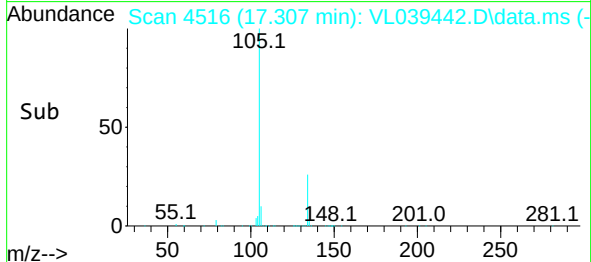
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



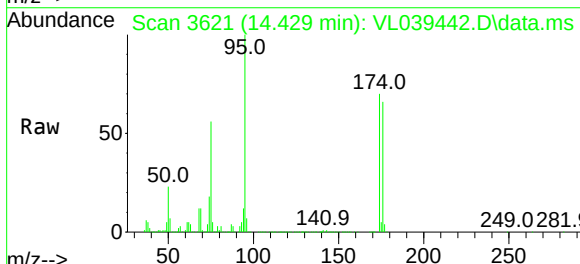
Tgt Ion:105 Resp: 6833270
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.8 22.2

Manual Integrations
 APPROVED

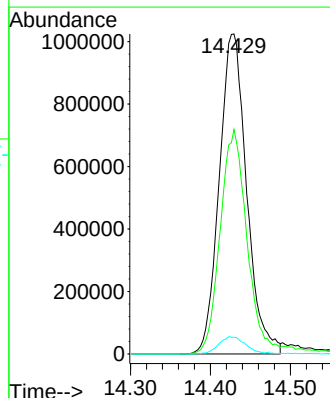
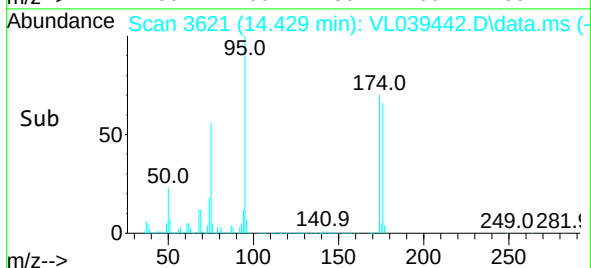
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

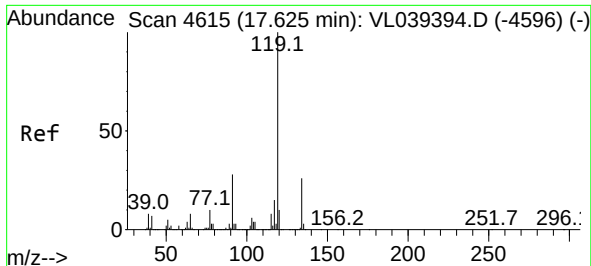


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.058 ppbv
 RT: 14.429 min Scan# 3621
 Delta R.T. 0.038 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13



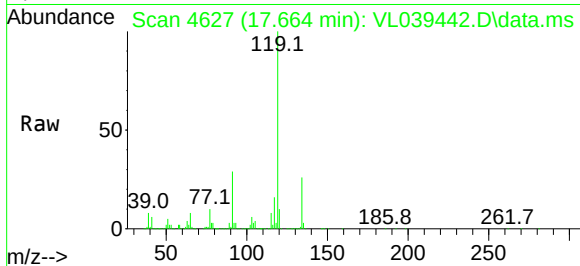
Tgt Ion: 95 Resp: 2431540
 Ion Ratio Lower Upper
 95 100
 174 71.3 55.9 83.9
 175 5.6 4.2 6.4





#69
 p-Isopropyltoluene
 Concen: 10.445 ppbv
 RT: 17.664 min Scan# 410
 Delta R.T. 0.038 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13

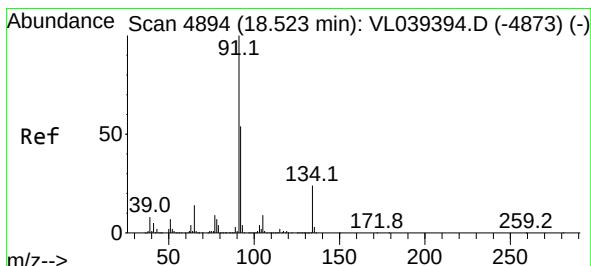
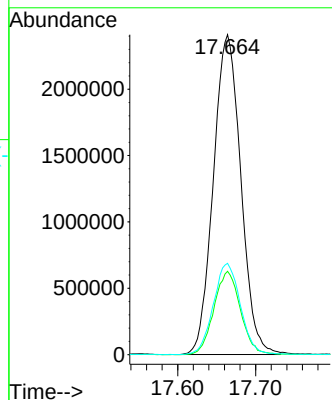
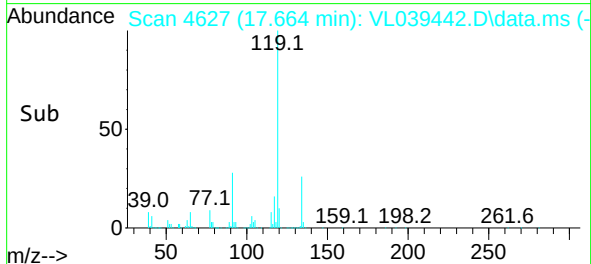
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



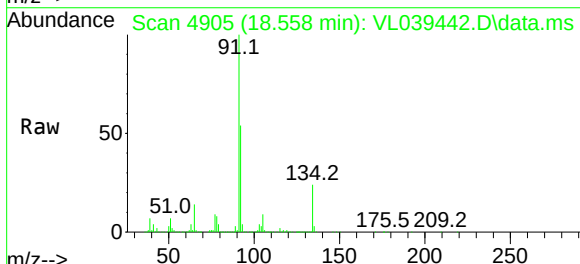
Tgt Ion:119 Resp: 5900694
 Ion Ratio Lower Upper
 119 100
 134 25.3 20.3 30.5
 91 28.0 22.9 34.3

Manual Integrations
 APPROVED

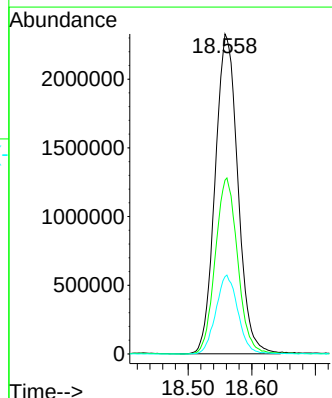
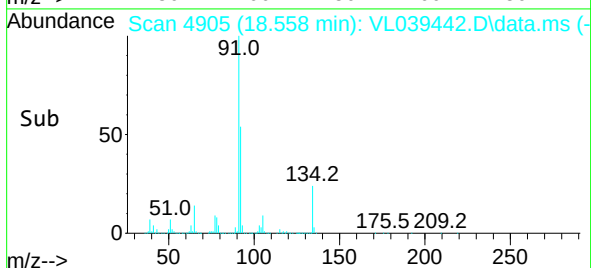
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

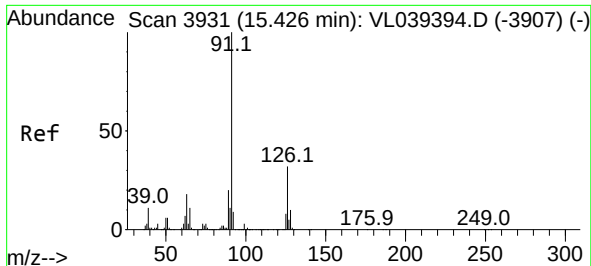


#70
 n-Butylbenzene
 Concen: 10.525 ppbv
 RT: 18.558 min Scan# 4905
 Delta R.T. 0.035 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13



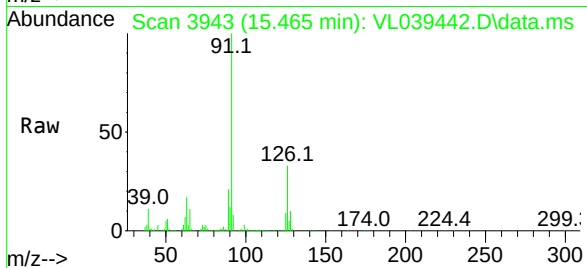
Tgt Ion: 91 Resp: 5771012
 Ion Ratio Lower Upper
 91 100
 92 54.5 43.4 65.2
 134 24.1 18.9 28.3





#71
2-Chlorotoluene
Concen: 10.438 ppbv
RT: 15.465 min Scan# 3931
Delta R.T. 0.038 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

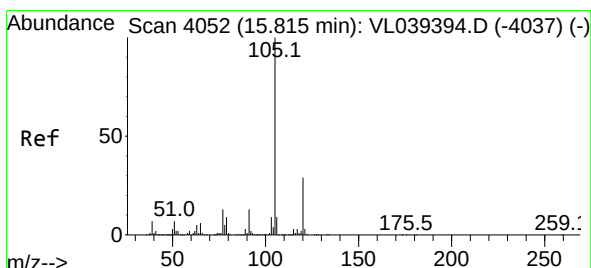
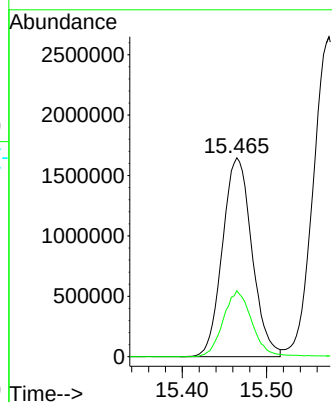
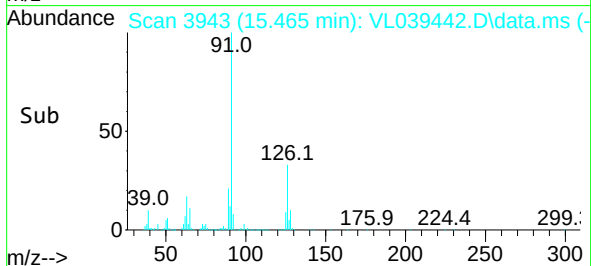
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



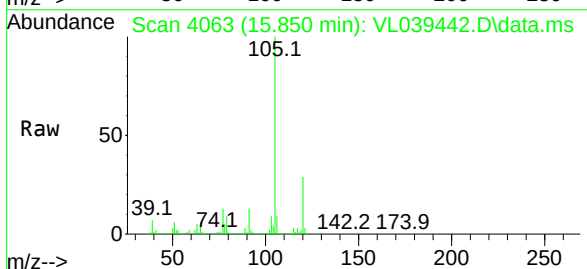
Tgt Ion: 91 Resp: 3996470
Ion Ratio Lower Upper
91 100
126 32.9 13.0 51.8

Manual Integrations
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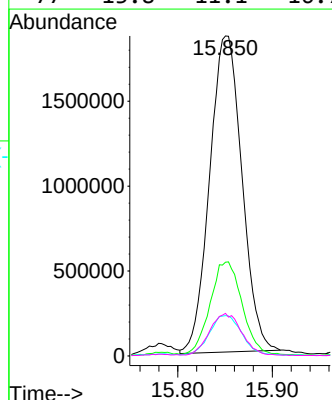
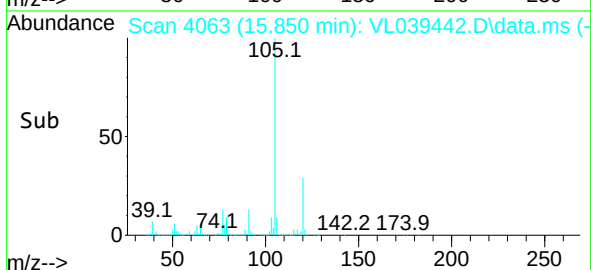
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

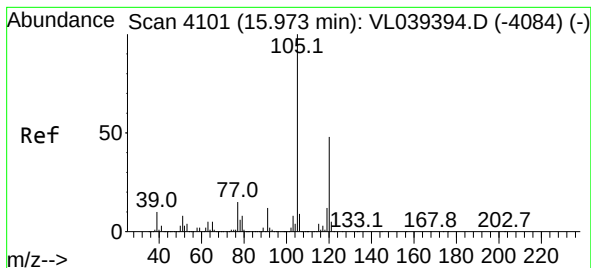


#72
4-Ethyltoluene
Concen: 10.692 ppbv
RT: 15.850 min Scan# 4063
Delta R.T. 0.035 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13



Tgt Ion:105 Resp: 4415828
Ion Ratio Lower Upper
105 100
120 30.3 24.2 36.2
91 12.9 10.2 15.4
77 13.8 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.729 ppbv

RT: 16.008 min Scan# 4101

Delta R.T. 0.035 min

Lab File: VL039442.D

Acq: 12 Jul 2022 10:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 406977

Ion Ratio Lower Upper

105 100

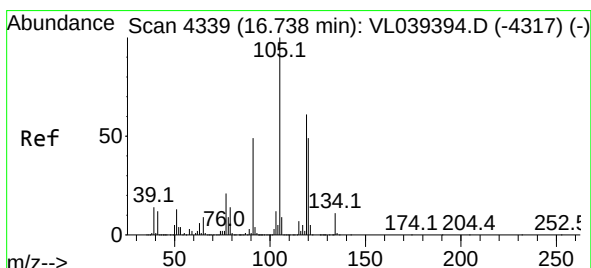
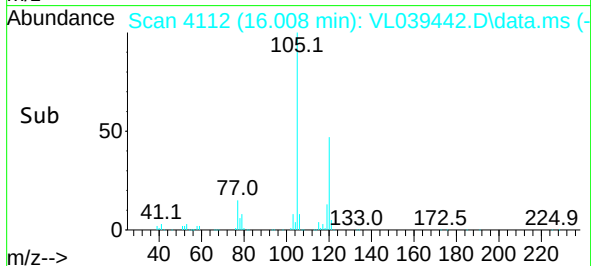
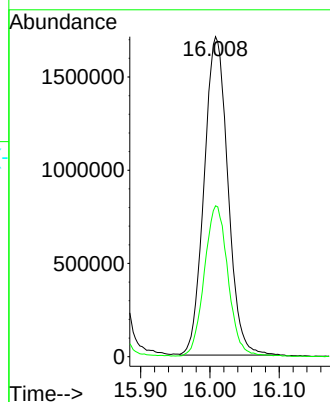
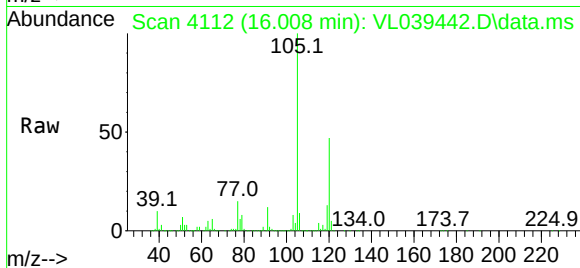
120 47.1 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.401 ppbv

RT: 16.776 min Scan# 4351

Delta R.T. 0.038 min

Lab File: VL039442.D

Acq: 12 Jul 2022 10:13

Tgt Ion:105 Resp: 4364726

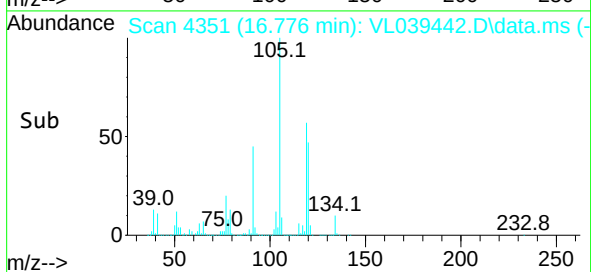
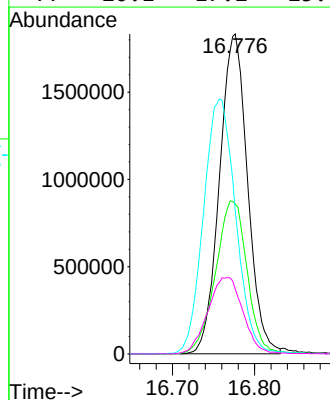
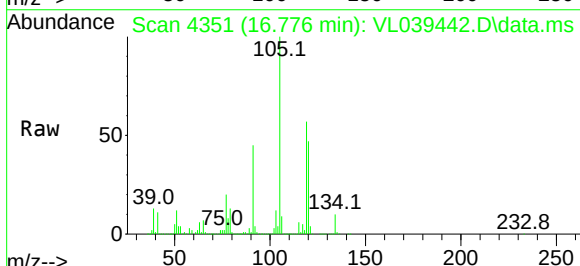
Ion Ratio Lower Upper

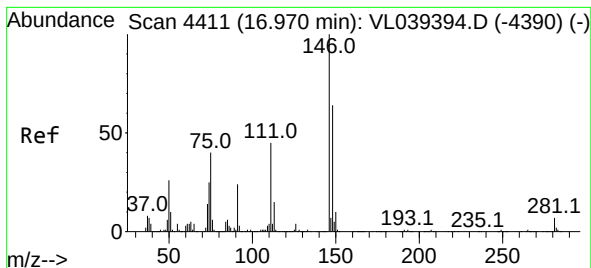
105 100

120 46.7 39.5 59.3

91 44.0 39.2 58.8

77 20.1 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 10.388 ppbv

RT: 17.008 min Scan# 4411

Delta R.T. 0.038 min

Lab File: VL039442.D

Acq: 12 Jul 2022 10:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 260026

Ion Ratio Lower Upper

146 100

111 46.3 22.9 68.7

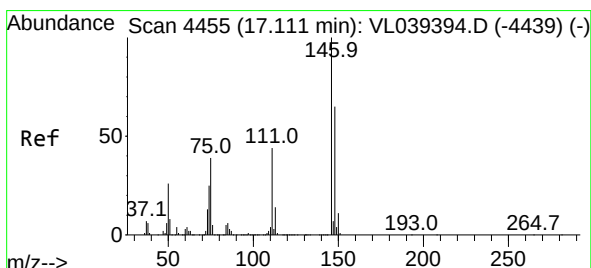
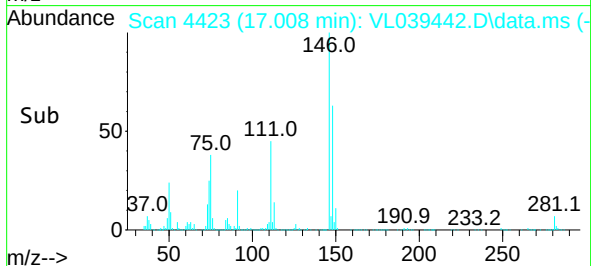
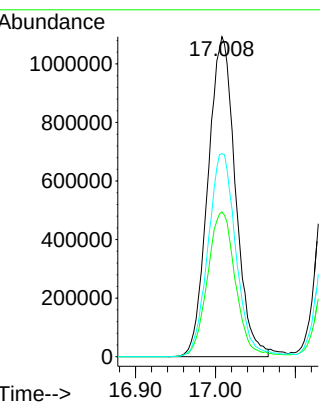
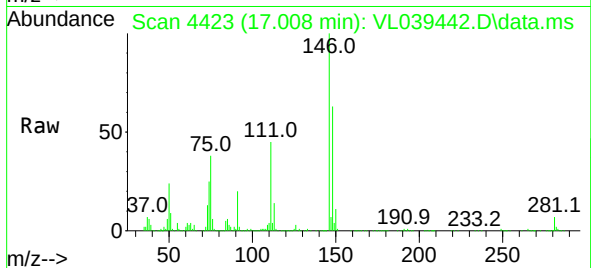
148 64.5 32.1 96.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#76

1,4-Dichlorobenzene

Concen: 10.219 ppbv

RT: 17.149 min Scan# 4467

Delta R.T. 0.038 min

Lab File: VL039442.D

Acq: 12 Jul 2022 10:13

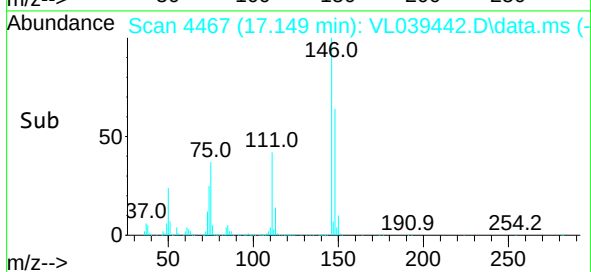
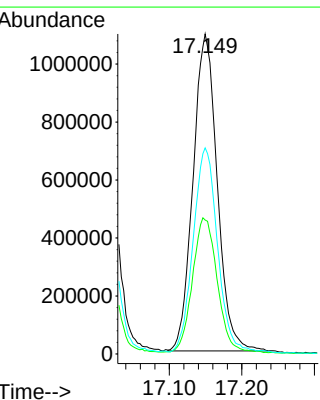
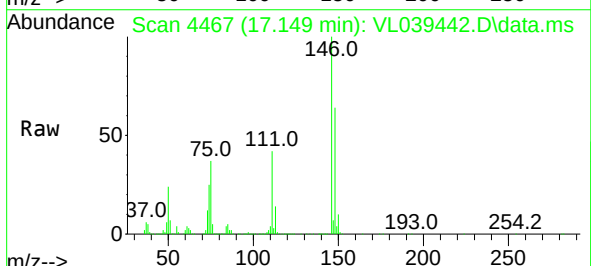
Tgt Ion:146 Resp: 2535149

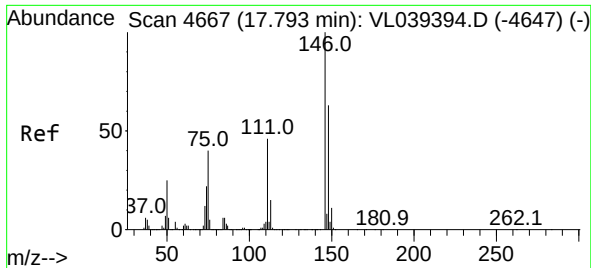
Ion Ratio Lower Upper

146 100

111 45.2 22.9 68.8

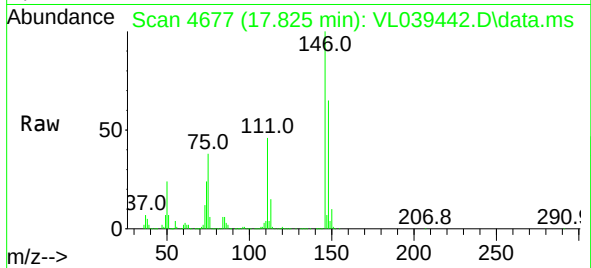
148 67.1 33.6 100.8





#77
 1,2-Dichlorobenzene
 Concen: 10.282 ppbv
 RT: 17.825 min Scan# 407
 Delta R.T. 0.032 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13

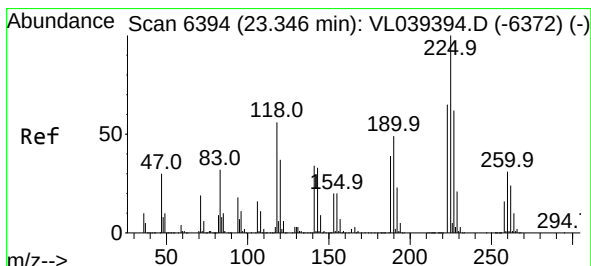
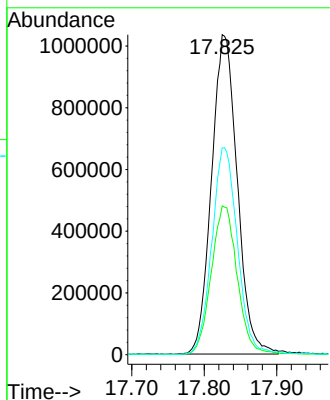
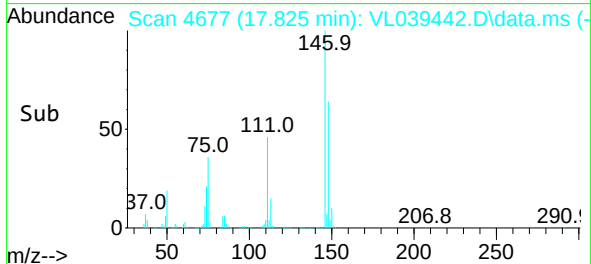
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



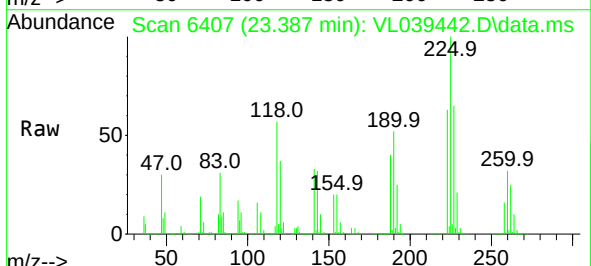
Tgt Ion:146 Resp: 2551056
 Ion Ratio Lower Upper
 146 100
 111 47.5 23.8 71.5
 148 64.7 32.3 96.8

Manual Integrations
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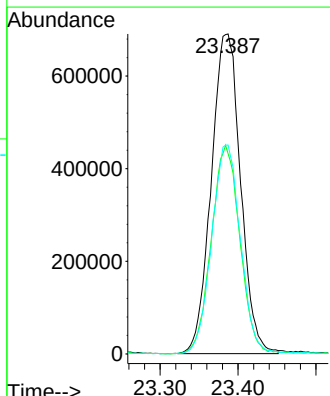
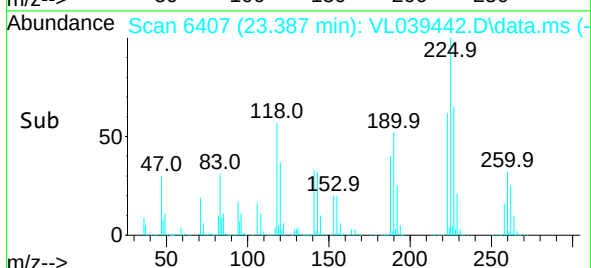
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

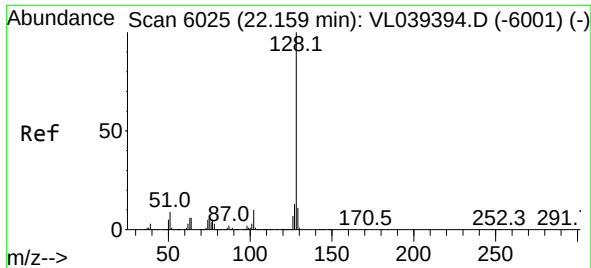


#78
 Hexachloro-1,3-Butadiene
 Concen: 9.025 ppbv
 RT: 23.387 min Scan# 6407
 Delta R.T. 0.042 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13



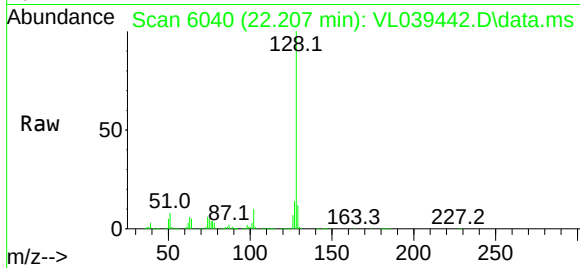
Tgt Ion:225 Resp: 1800923
 Ion Ratio Lower Upper
 225 100
 223 63.8 51.8 77.6
 227 65.0 51.4 77.2





#79
Naphthalene
Concen: 12.218 ppbv
RT: 22.207 min Scan# 6025
Delta R.T. 0.048 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13

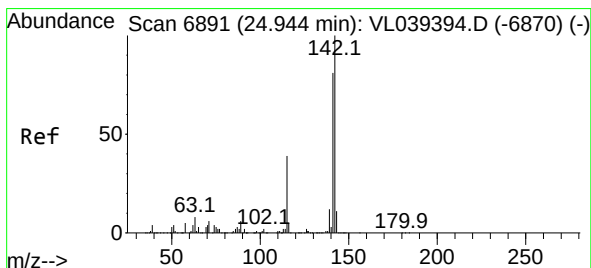
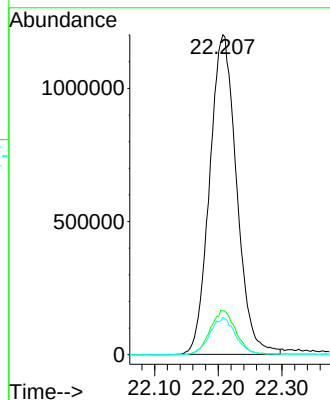
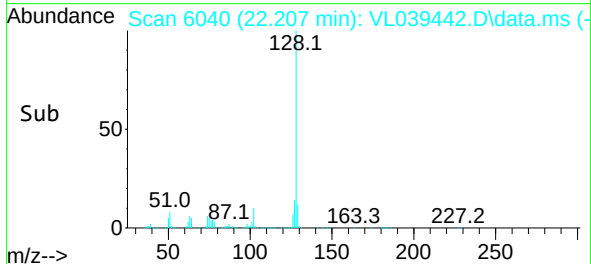
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



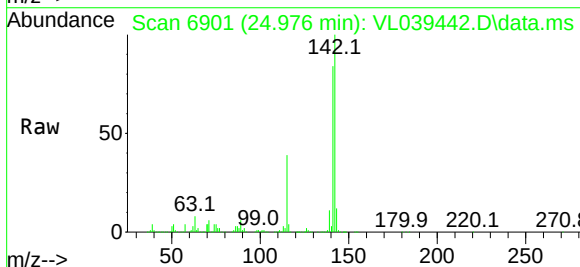
Tgt Ion:128 Resp: 3528225
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.7 8.8 13.2

Manual Integrations
APPROVED

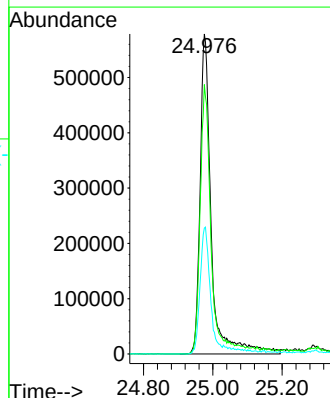
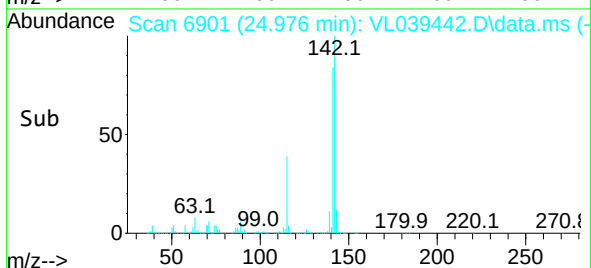
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

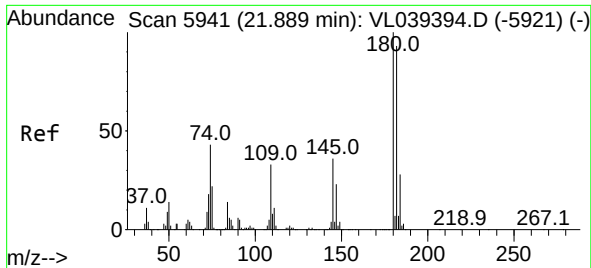


#80
Naphthalene,2-methyl-
Concen: 13.223 ppbv
RT: 24.976 min Scan# 6901
Delta R.T. 0.032 min
Lab File: VL039442.D
Acq: 12 Jul 2022 10:13



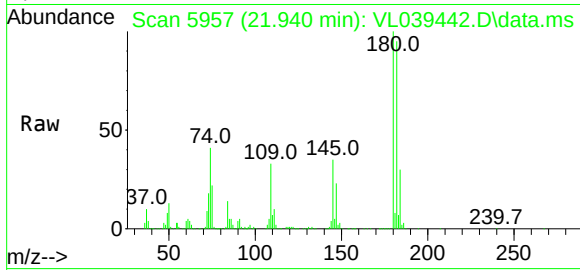
Tgt Ion:142 Resp: 1299639
Ion Ratio Lower Upper
142 100
141 85.3 68.9 103.3
115 38.8 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.710 ppbv
 RT: 21.940 min Scan# 5941
 Delta R.T. 0.051 min
 Lab File: VL039442.D
 Acq: 12 Jul 2022 10:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 201443

Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.1	115.7
184	30.9	24.3	36.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

