

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
 Data File : VL040455.D
 Acq On : 5 Jun 2023 14:07
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/06/2023
 Supervised By : Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 05:56:33 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

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

QLast Update : Tue Jun 06 05:55:55 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1056044	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2653549	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2595309	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2167517 10.119 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	2103505	9.152	ppbv	100
3) Chlorodifluoromethane	2.661	51	1584328	9.160	ppbv	100
4) Chloromethane	2.800	50	620812	9.272	ppbv	100
5) Vinyl Chloride	2.906	62	672400	9.808	ppbv	100
6) Bromomethane	3.108	94	332255	9.505	ppbv	100
7) Chloroethane	3.185	64	234026	9.327	ppbv	100
8) Dichlorotetrafluoroethane	2.845	85	1711384	9.428	ppbv	100
9) Propene	2.677	41	484217	9.078	ppbv	100
10) Heptane	7.584	43	1261509	10.449	ppbv	100
11) Trichlorofluoromethane	3.552	101	1756535	9.385	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	1275378	9.755	ppbv	100
13) Ethanol	3.227	45	107628	10.375	ppbv	100
14) Bromoethene	3.356	108	535272	9.788	ppbv	100
15) Acetone	3.456	43	1113285	8.740	ppbv	100
16) 1,3-Butadiene	2.970	39	603226	9.655	ppbv	100
17) tert-Butyl alcohol	3.867	59	994707	9.347	ppbv	100
18) 1,1-Dichloroethene	3.870	96	575374	9.877	ppbv	100
19) Isopropyl Alcohol	3.562	45	598063	9.742	ppbv	100
20) Methylene Chloride	3.925	84	467576	8.476	ppbv	100
21) Allyl Chloride	3.989	41	706896	9.825	ppbv	100
22) trans-1,2-Dichloroethene	4.436	96	606533	10.148	ppbv	100
23) Vinyl Acetate	4.619	43	1269650	10.252	ppbv	100
24) 1,1-Dichloroethane	4.558	63	1193514	9.564	ppbv	100
25) Ethyl Acetate	5.201	43	2204169	9.550	ppbv	100
26) Hexane	5.208	57	1000476	9.154	ppbv	100
27) Carbon Disulfide	4.115	76	1462070	10.696	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	841007	9.811	ppbv	100
29) Chloroform	5.272	83	1775183	9.535	ppbv	100
30) Cyclohexane	6.600	84	838979	10.316	ppbv	100
31) cis-1,2-Dichloroethene	5.073	61	1051627	10.057	ppbv	100
32) 1,1,1-Trichloroethane	6.002	97	1809712	9.763	ppbv	100
34) 2-Butanone	4.780	43	1224423	9.569	ppbv	100
35) Carbon Tetrachloride	6.494	117	1864998	10.221	ppbv	100
36) Benzene	6.372	78	2105477	9.973	ppbv	100
37) 1,2-Dichloroethane	5.806	62	1359375	9.886	ppbv	100
38) Trichloroethene	7.295	130	862664	10.634	ppbv	100
39) 1,2-Dichloropropane	7.076	63	799822	9.709	ppbv	100
40) 1,4-Dioxane	7.288	88	224003	9.936	ppbv #	100
41) Tetrahydrofuran	5.555	42	709614	10.213	ppbv	100
42) Bromodichloromethane	7.253	83	1934339	10.215	ppbv	100
43) Methyl Methacrylate	7.478	69	837971	11.052	ppbv	100
44) 2,2,4-Trimethylpentane	7.330	57	3460296	10.040	ppbv	100
45) t-1,3-Dichloropropene	8.719	75	662331	11.799	ppbv	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

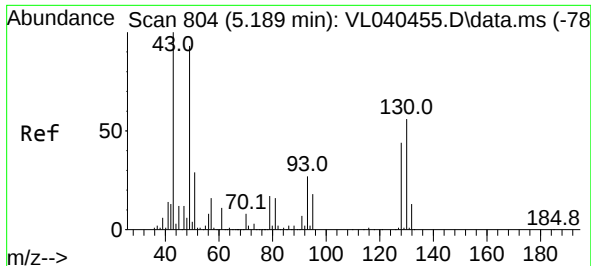
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Tue Jun 06 05:55:55 2023

Response via : Initial Calibration

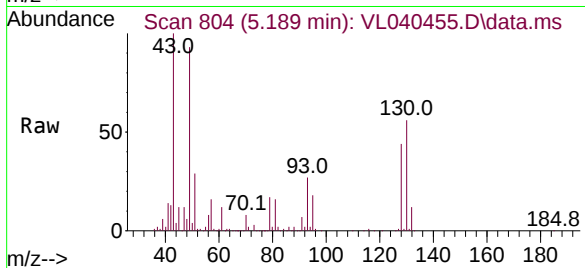
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	772289	11.398	ppbv	100
47) 1,1,2-Trichloroethane	8.905	97	884410	9.899	ppbv	100
48) Dibromochloromethane	9.716	129	1547504	10.824	ppbv	100
49) Bromoform	12.420	173	1204452	11.171	ppbv	100
50) 4-Methyl-2-Pentanone	8.182	43	1823106	10.694	ppbv	100
51) 2-Hexanone	9.555	43	1296624	10.978	ppbv	100
52) Tetrachloroethene	10.626	164	730902	11.029	ppbv	100
53) Toluene	9.227	91	2417184	10.873	ppbv	100
54) 1,2-Dibromoethane	10.018	107	1309475	11.145	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.516	131	1160320	9.511	ppbv	100
57) Chlorobenzene	11.539	112	1892206	9.646	ppbv	100
58) Ethyl Benzene	12.101	91	3346525	10.652	ppbv	100
59) m/p-Xylene	12.381	91	5911228m	20.515	ppbv	
60) o-Xylene	13.069	91	2834604	10.341	ppbv	100
61) Styrene	12.909	104	1411344	11.966	ppbv	100
62) Isopropylbenzene	14.040	105	4091046	10.040	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	1751573	9.737	ppbv	100
64) n-propylbenzene	14.928	120	1067549	11.187	ppbv	100
65) tert-Butylbenzene	16.105	119	3541553	10.050	ppbv	100
66) Benzyl Chloride	16.339	91	284099	10.865	ppbv	100
67) sec-Butylbenzene	16.648	105	5132448	10.069	ppbv	100
69) p-Isopropyltoluene	17.008	119	4194099	10.358	ppbv	100
70) n-Butylbenzene	17.899	91	4658902	10.301	ppbv	100
71) 2-Chlorotoluene	14.812	91	3176979	10.500	ppbv	100
72) 4-Ethyltoluene	15.201	105	3329357	10.784	ppbv	100
73) 1,3,5-Trimethylbenzene	15.362	105	2880748	10.557	ppbv	100
74) 1,2,4-Trimethylbenzene	16.121	105	3235965	10.080	ppbv	100
75) 1,3-Dichlorobenzene	16.342	146	1797052	10.002	ppbv	100
76) 1,4-Dichlorobenzene	16.487	146	1771611	9.957	ppbv	100
77) 1,2-Dichlorobenzene	17.156	146	1683875	9.775	ppbv	100
78) Hexachloro-1,3-Butadiene	22.644	225	1196850	9.091	ppbv	100
79) Naphthalene	21.397	128	2401195	13.042	ppbv	100
80) Naphthalene,2-methyl-	24.381	142	763730	14.750	ppbv	100
81) 1,2,4-Trichlorobenzene	21.153	180	1356215	10.626	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

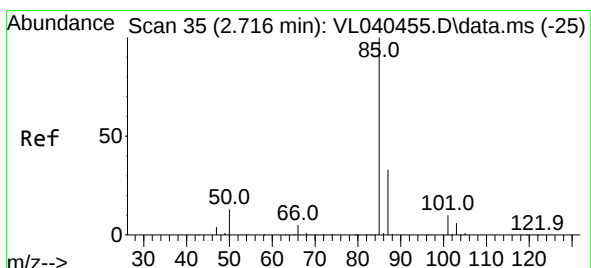
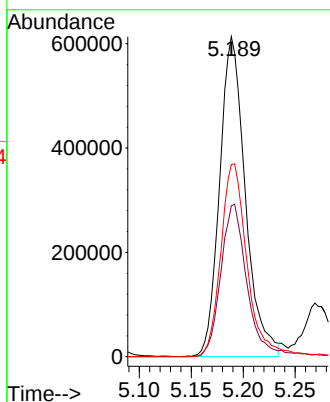
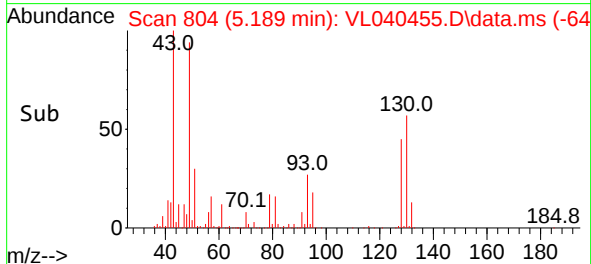
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



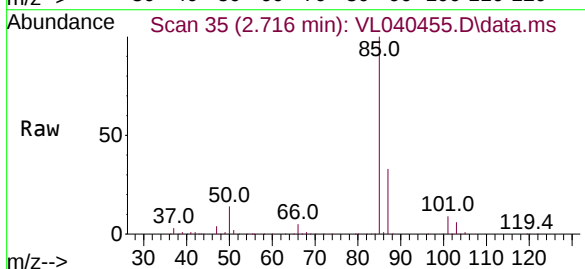
Tgt Ion: 49 Resp: 105604
Ion Ratio Lower Upper
49 100
128 49.4 24.7 74.1
130 62.8 31.4 94.2

Manual Integrations
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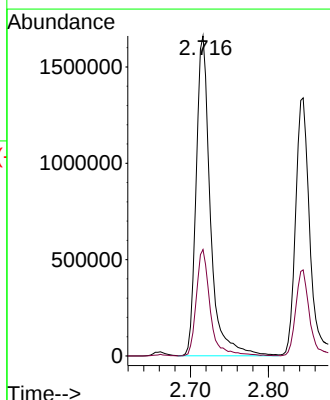
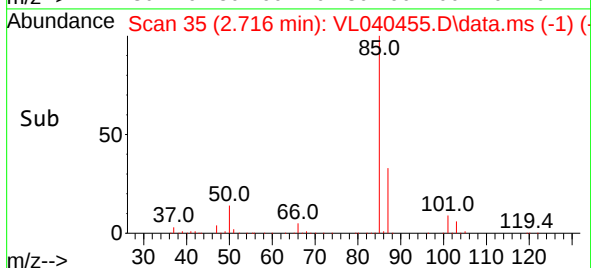
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

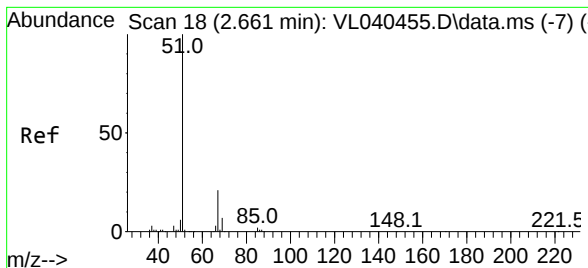


#2
Dichlorodifluoromethane
Concen: 9.152 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07



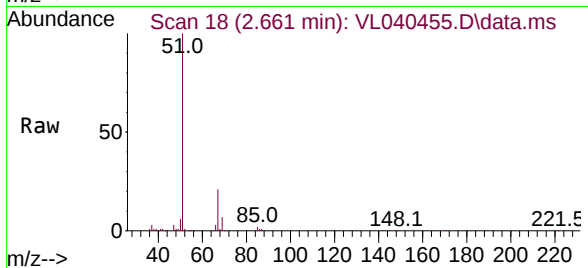
Tgt Ion: 85 Resp: 2103505
Ion Ratio Lower Upper
85 100
87 33.2 26.6 39.8





#3
Chlorodifluoromethane
Concen: 9.160 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

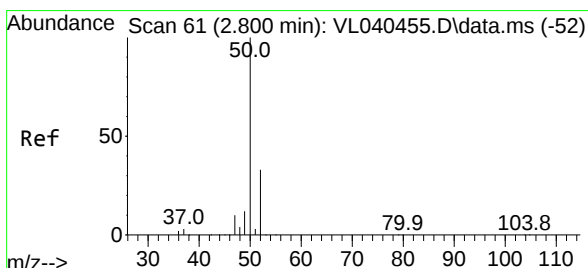
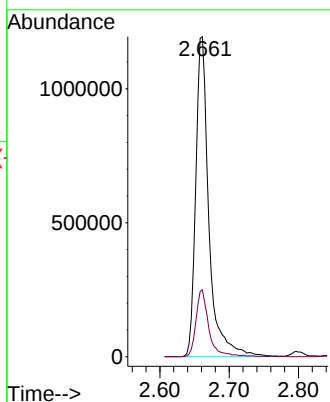
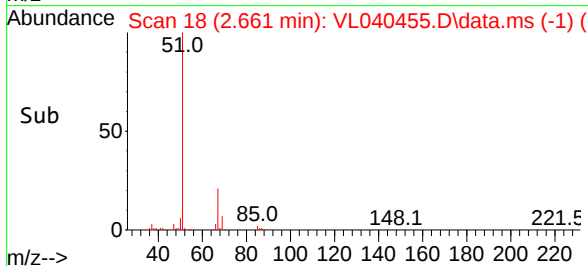
Instrument :
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ClientSampleId :
VSTDICCC010



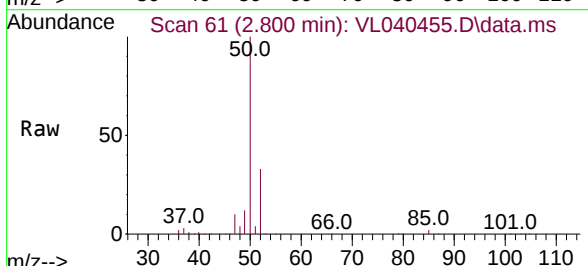
Tgt Ion: 51 Resp: 1584328
Ion Ratio Lower Upper
51 100
67 20.4 16.3 24.5

Manual Integrations
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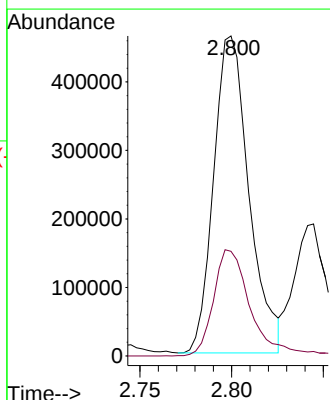
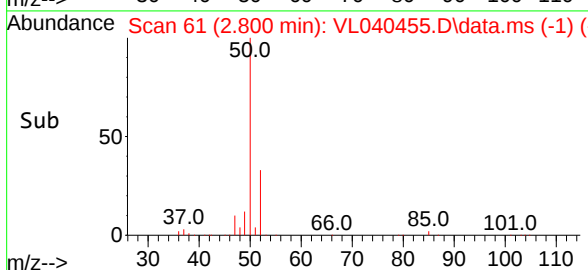
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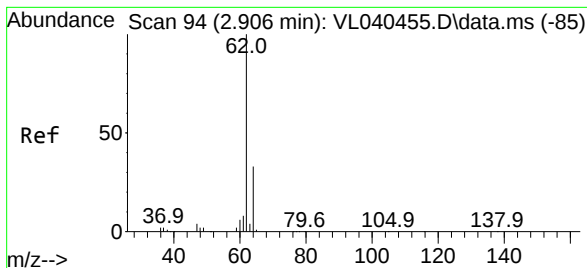


#4
Chloromethane
Concen: 9.272 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07



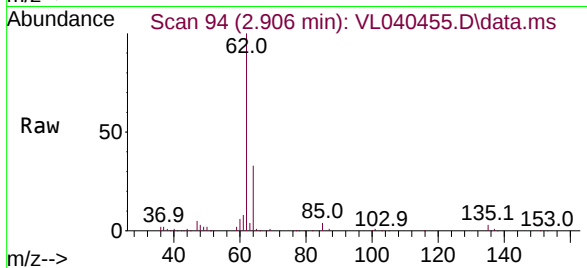
Tgt Ion: 50 Resp: 620812
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5





#5
 Vinyl Chloride
 Concen: 9.808 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07

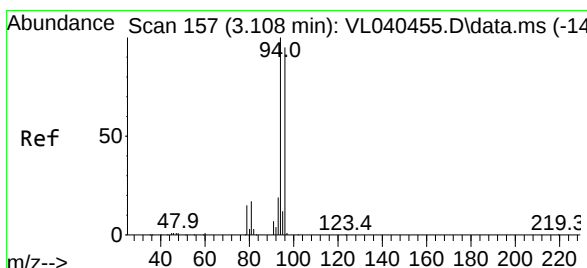
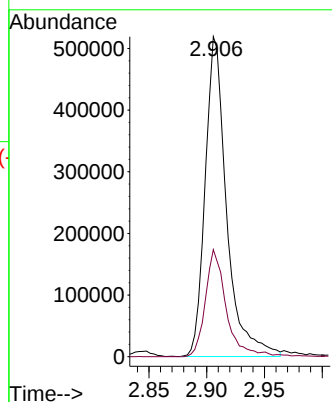
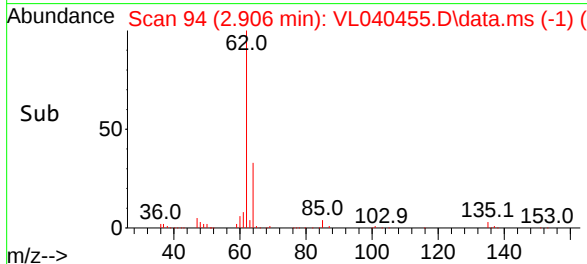
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



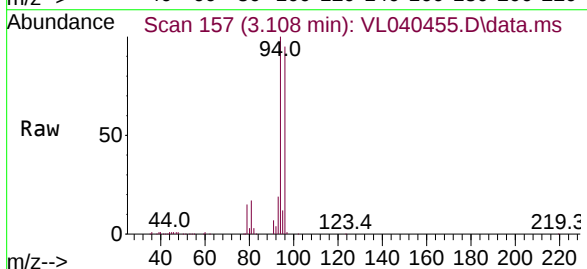
Tgt Ion: 62 Resp: 672400
 Ion Ratio Lower Upper
 62 100
 64 33.5 26.8 40.2

Manual Integrations
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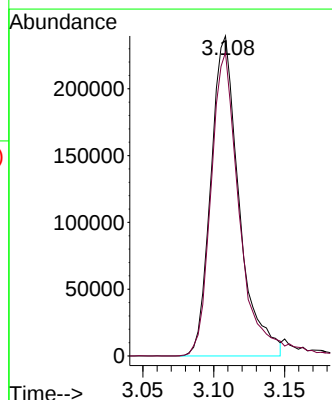
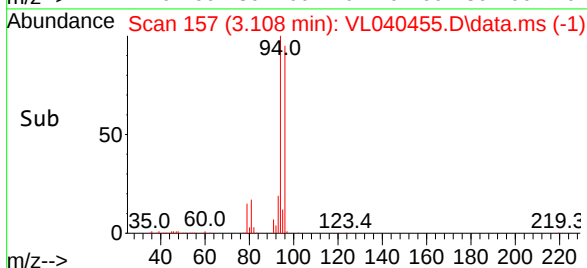
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

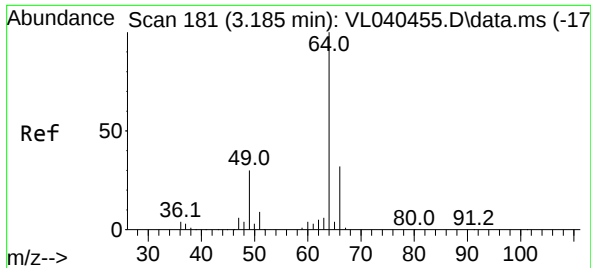


#6
 Bromomethane
 Concen: 9.505 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07



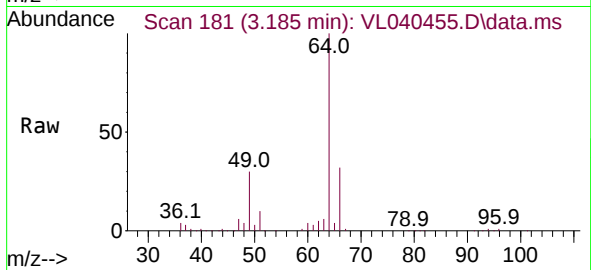
Tgt Ion: 94 Resp: 332255
 Ion Ratio Lower Upper
 94 100
 96 94.8 75.8 113.8





#7
Chloroethane
Concen: 9.327 ppbv
RT: 3.185 min Scan# 181
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

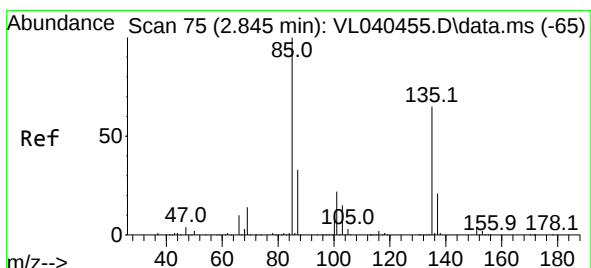
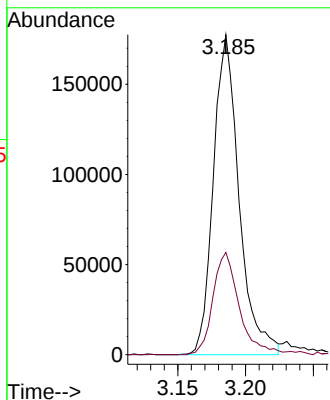
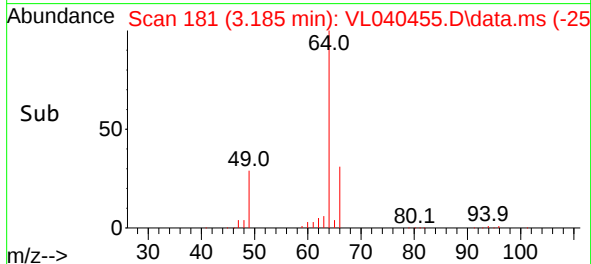
Instrument :
MSVOA_L
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VSTDICCC010



Tgt Ion: 64 Resp: 234020
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4

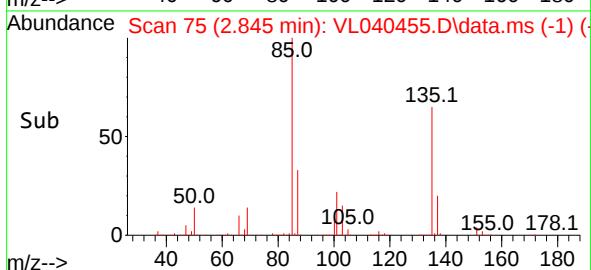
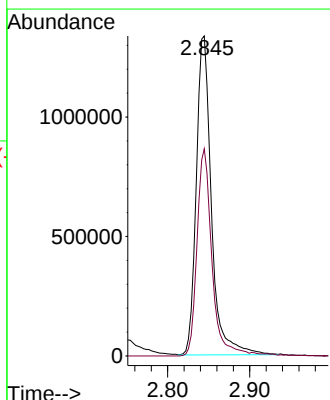
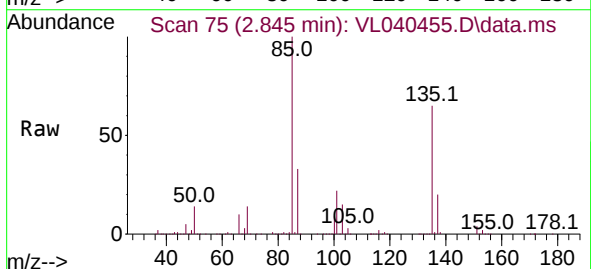
Manual Integrations
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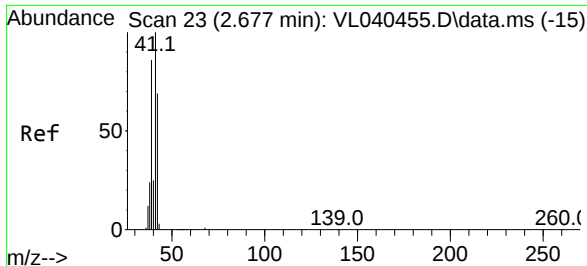
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#8
Dichlorotetrafluoroethane
Concen: 9.428 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

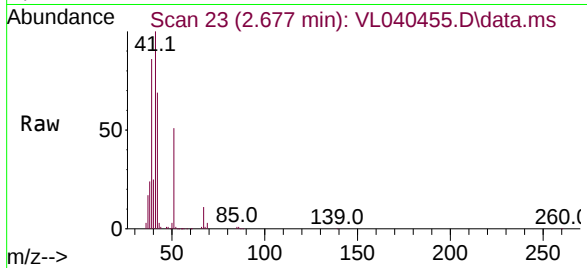
Tgt Ion: 85 Resp: 1711384
Ion Ratio Lower Upper
85 100
135 65.0 52.0 78.0





#9
 Propene
 Concen: 9.078 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07

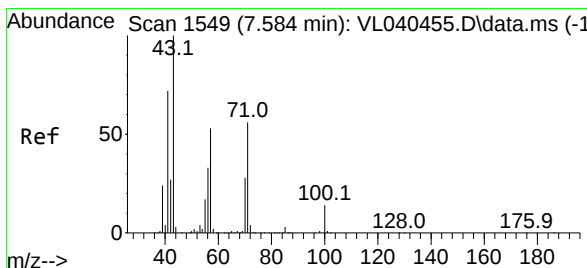
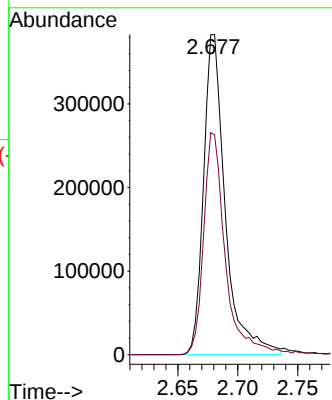
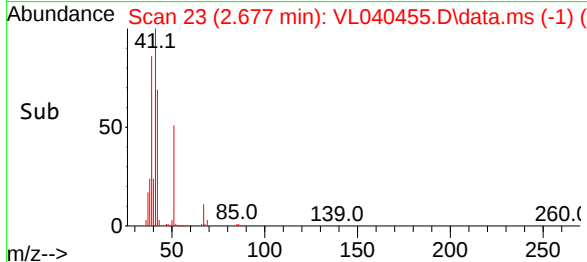
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



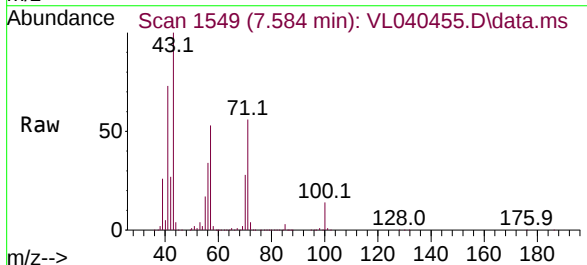
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 Ion Ratio Lower Upper
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Manual Integrations
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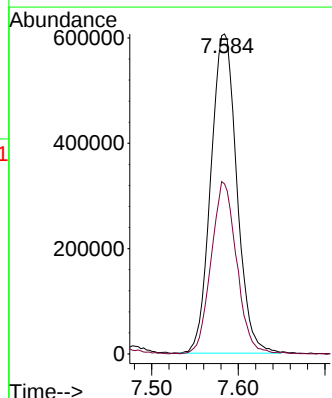
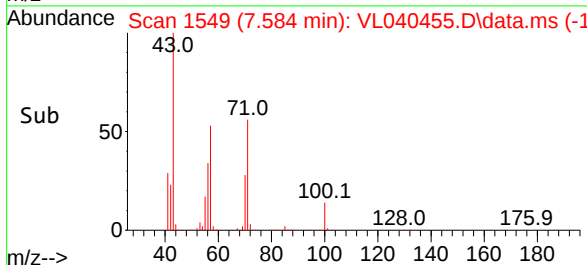
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 Supervised By :Mahesh Dadoda 06/06/2023

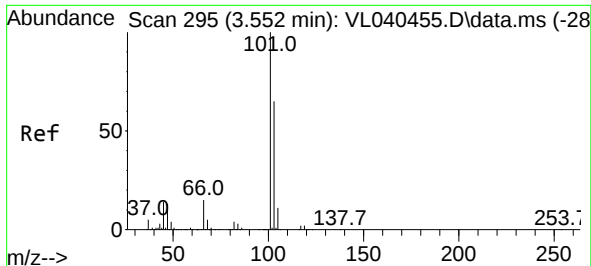


#10
 Heptane
 Concen: 10.449 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07



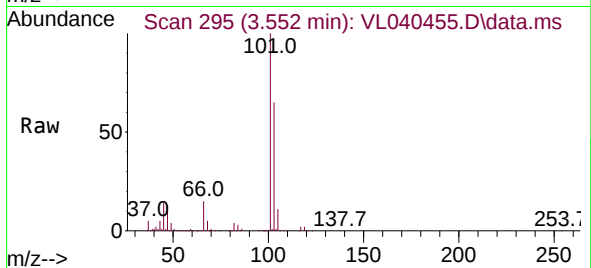
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 Ion Ratio Lower Upper
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 57 53.1 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 9.385 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07

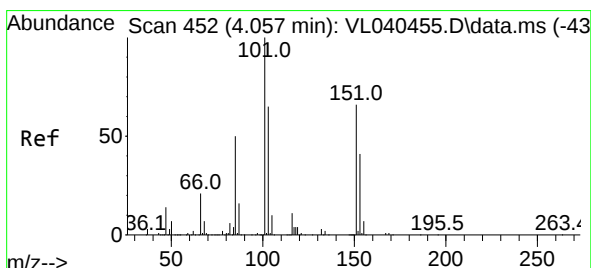
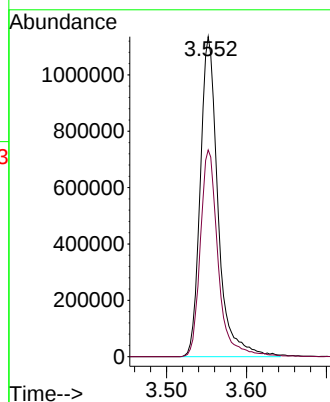
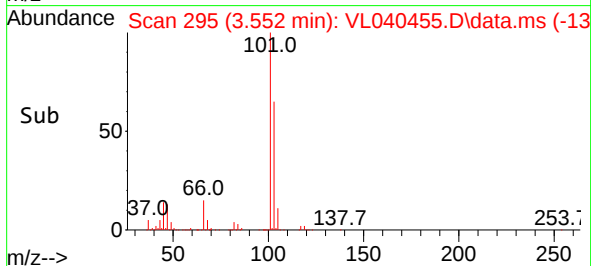
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



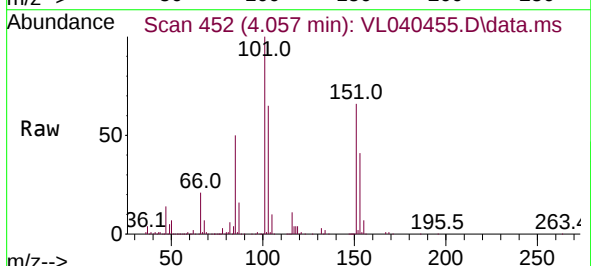
Tgt Ion:101 Resp: 1756538
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

Manual Integrations
 APPROVED

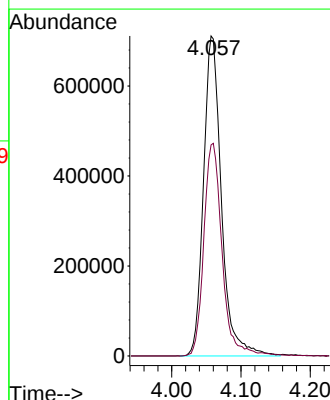
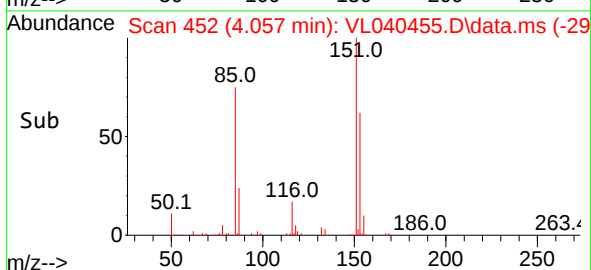
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

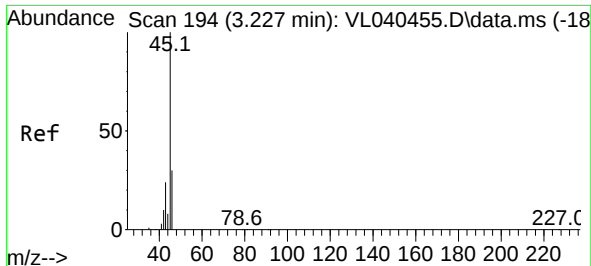


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.755 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07



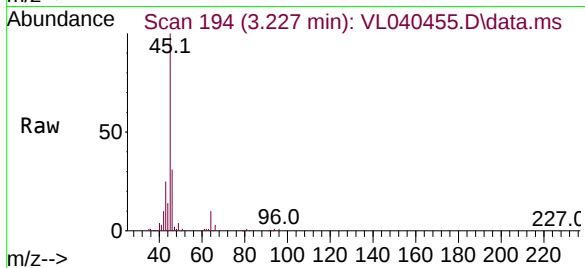
Tgt Ion:101 Resp: 1275378
 Ion Ratio Lower Upper
 101 100
 151 67.9 54.3 81.5





#13
Ethanol
Concen: 10.375 ppbv
RT: 3.227 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

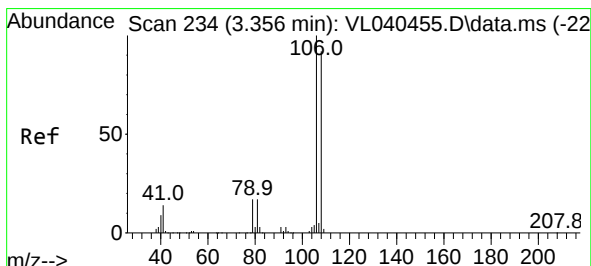
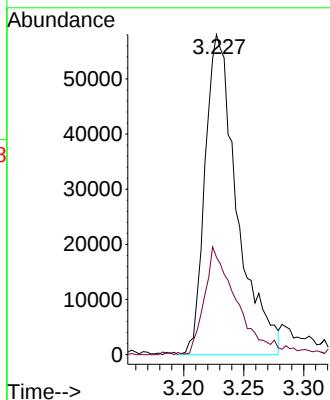
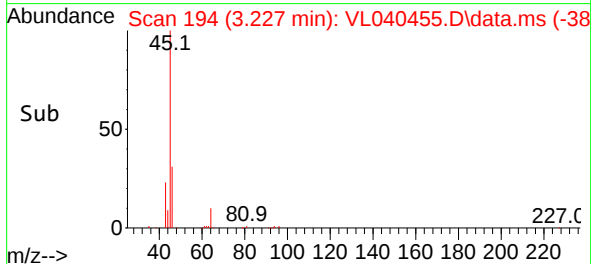
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



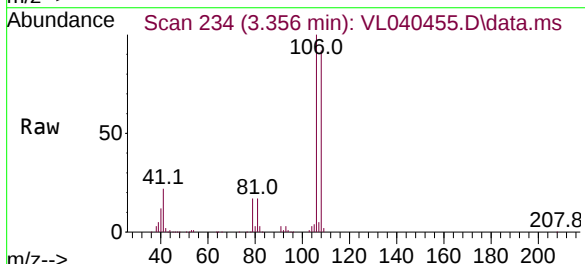
Tgt Ion: 45 Resp: 107628
Ion Ratio Lower Upper
45 100
46 36.3 14.5 58.1

Manual Integrations
APPROVED

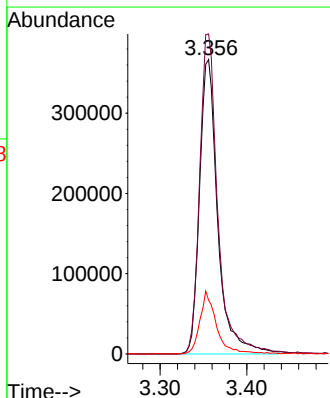
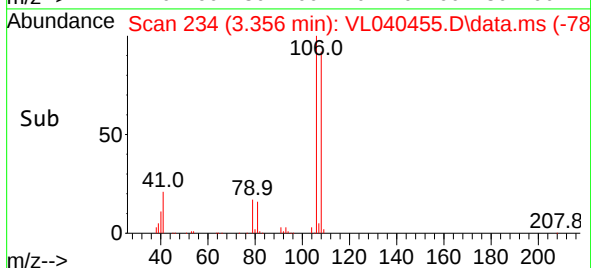
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

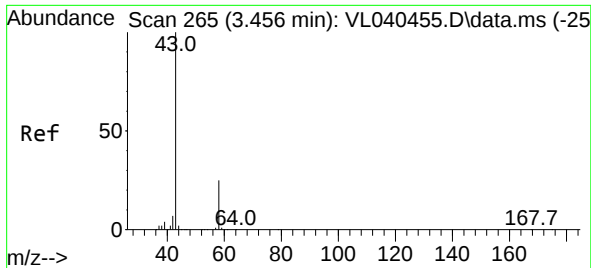


#14
Bromoethene
Concen: 9.788 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07



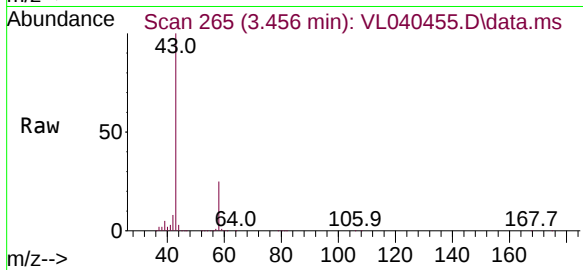
Tgt Ion:108 Resp: 535272
Ion Ratio Lower Upper
108 100
106 109.2 87.4 131.0
79 19.9 15.9 23.9





#15
Acetone
Concen: 8.740 ppbv
RT: 3.456 min Scan# 265
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

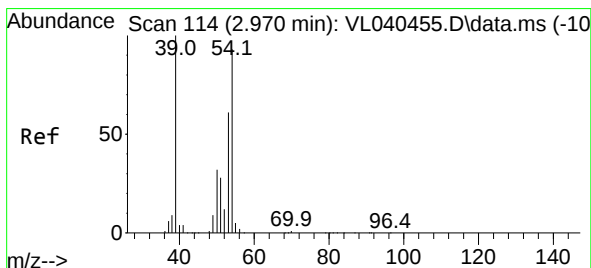
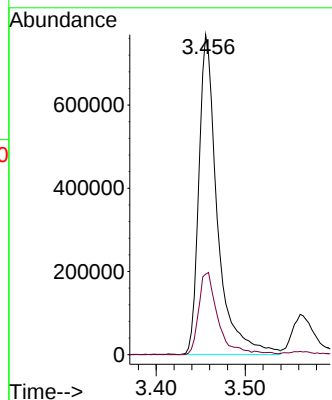
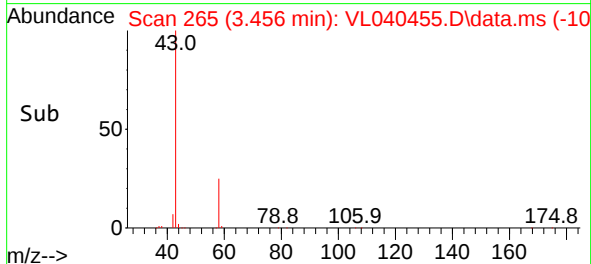
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 111328
Ion Ratio Lower Upper
43 100
58 27.0 21.6 32.4

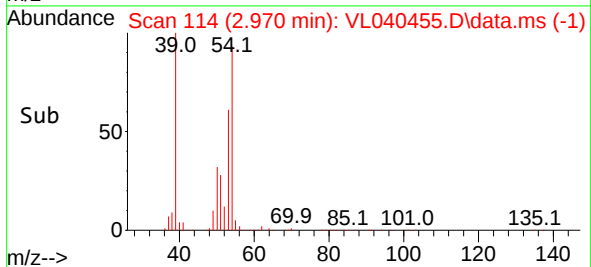
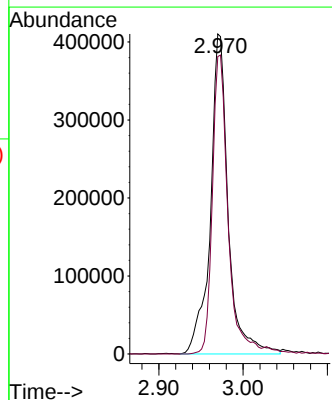
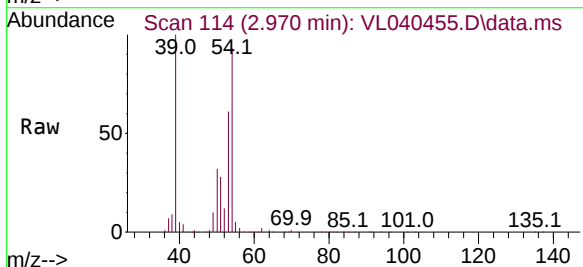
Manual Integrations
APPROVED

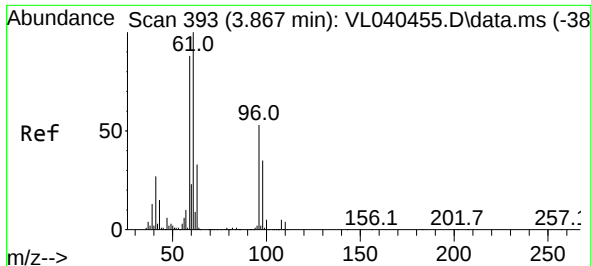
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#16
1,3-Butadiene
Concen: 9.655 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

Tgt Ion: 39 Resp: 603226
Ion Ratio Lower Upper
39 100
54 83.6 66.9 100.3





#17

tert-Butyl alcohol

Concen: 9.347 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL040455.D

Acq: 5 Jun 2023 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 99470

Ion Ratio Lower Upper

59 100

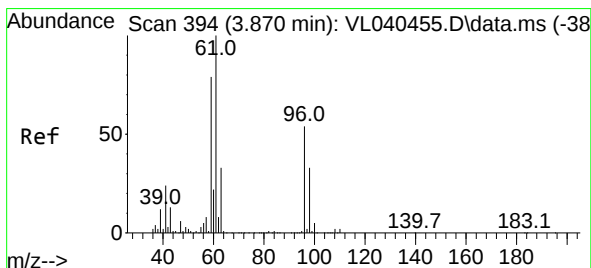
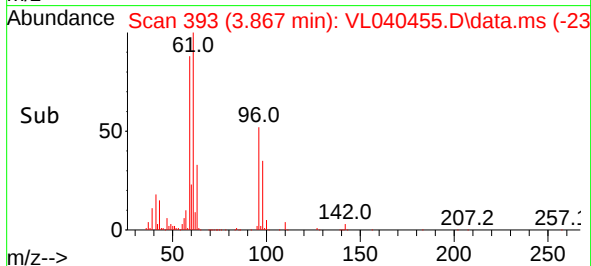
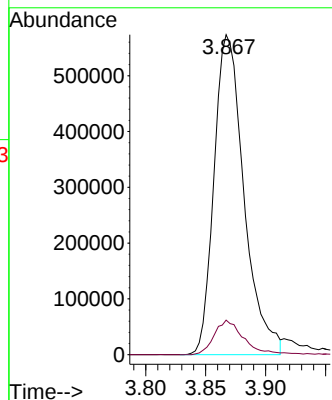
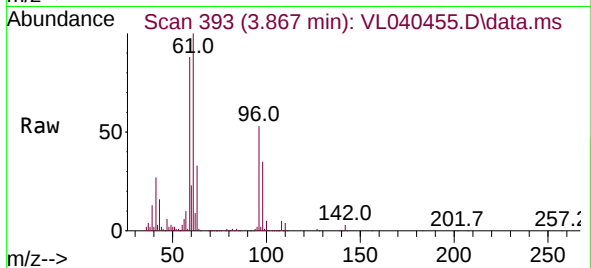
57 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#18

1,1-Dichloroethene

Concen: 9.877 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040455.D

Acq: 5 Jun 2023 14:07

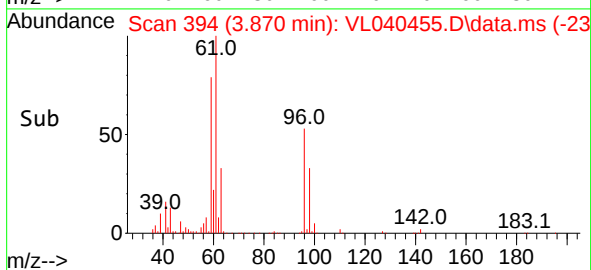
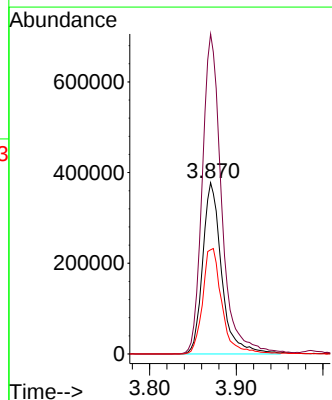
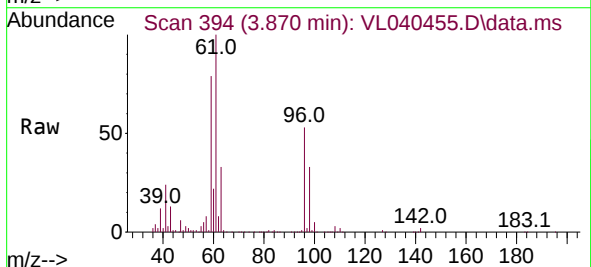
Tgt Ion: 96 Resp: 575374

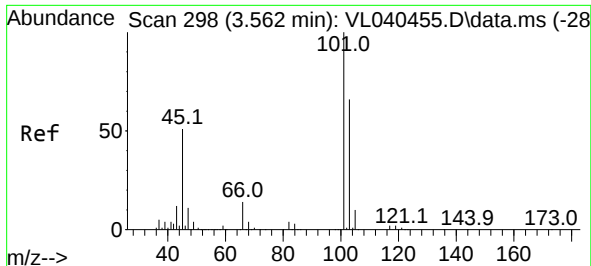
Ion Ratio Lower Upper

96 100

61 186.9 149.5 224.3

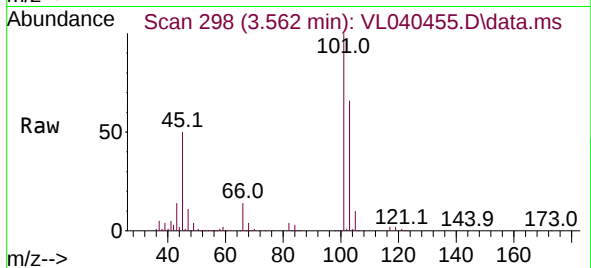
98 60.9 48.7 73.1





#19
Isopropyl Alcohol
Concen: 9.742 ppbv
RT: 3.562 min Scan# 298
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

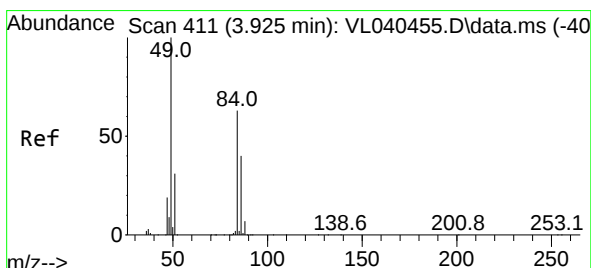
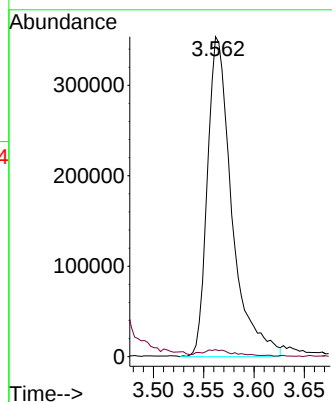
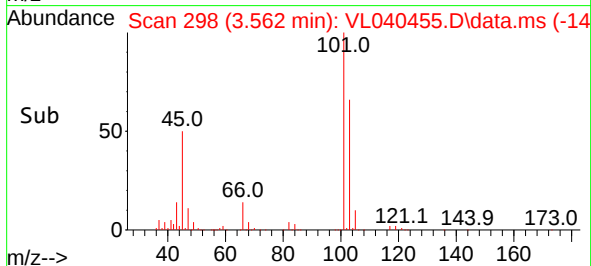
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



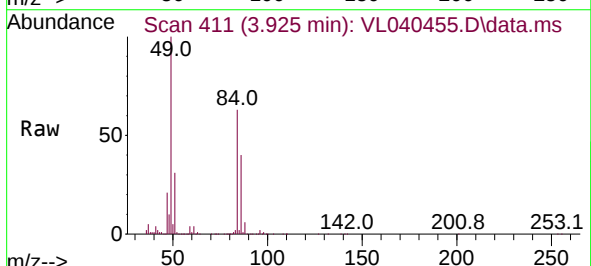
Tgt Ion: 45 Resp: 59806
Ion Ratio Lower Upper
45 100
58 3.3 2.6 4.0

Manual Integrations
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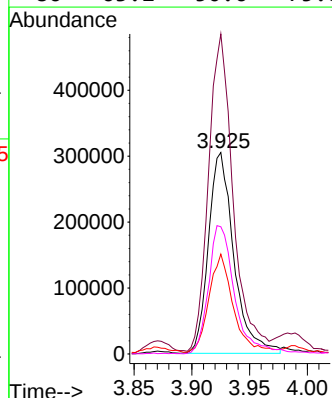
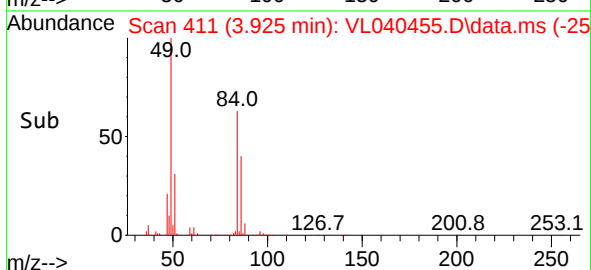
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

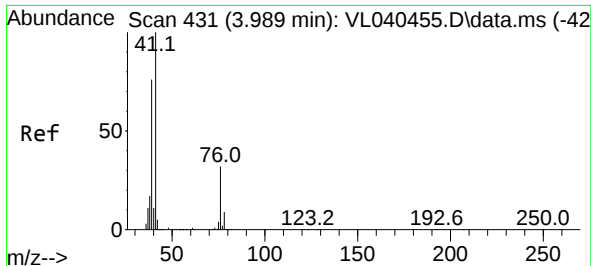


#20
Methylene Chloride
Concen: 8.476 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07



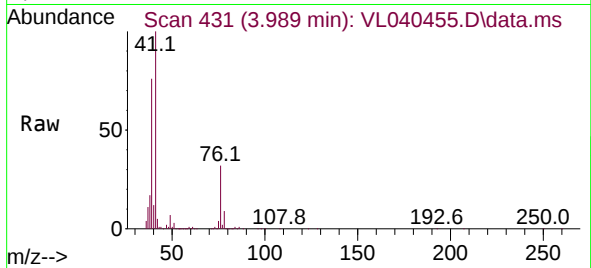
Tgt Ion: 84 Resp: 467576
Ion Ratio Lower Upper
84 100
49 157.7 126.2 189.2
51 48.4 38.7 58.1
86 63.2 50.6 75.8





#21
 Allyl Chloride
 Concen: 9.825 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07

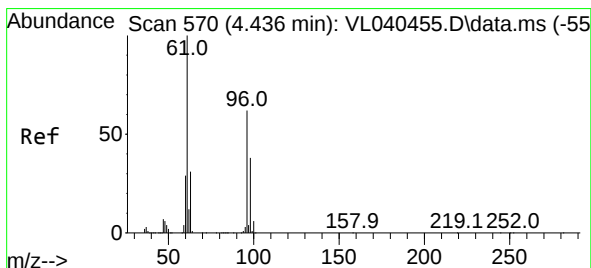
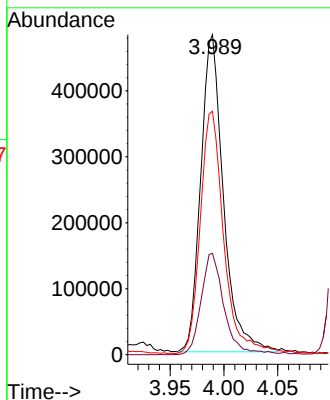
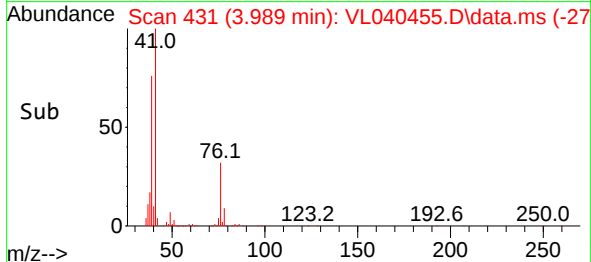
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



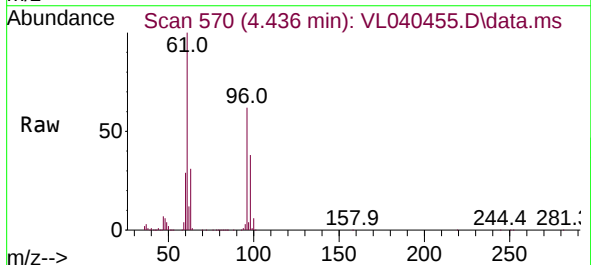
Tgt Ion: 41 Resp: 706890
 Ion Ratio Lower Upper
 41 100
 76 32.6 26.1 39.1
 39 79.9 63.9 95.9

Manual Integrations
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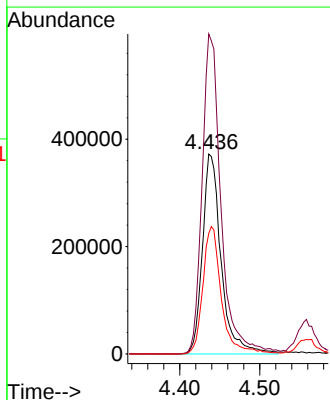
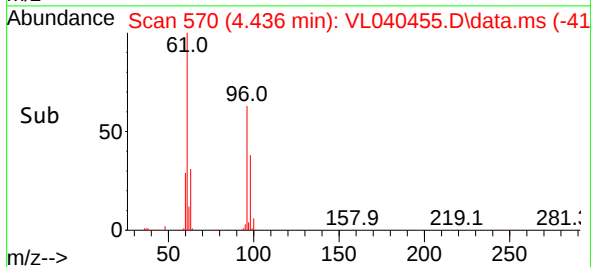
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

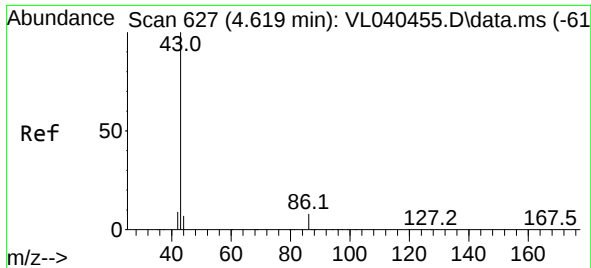


#22
 trans-1,2-Dichloroethene
 Concen: 10.148 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07



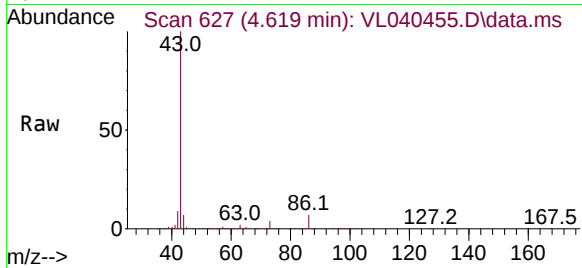
Tgt Ion: 96 Resp: 606533
 Ion Ratio Lower Upper
 96 100
 61 160.1 128.1 192.1
 98 60.3 48.2 72.4





#23
 Vinyl Acetate
 Concen: 10.252 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07

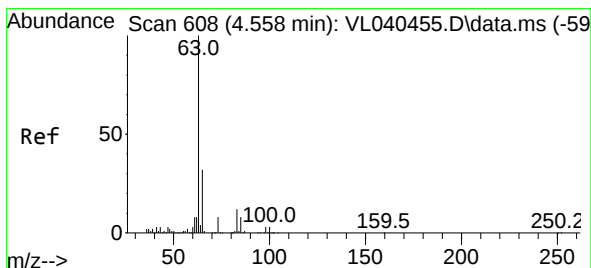
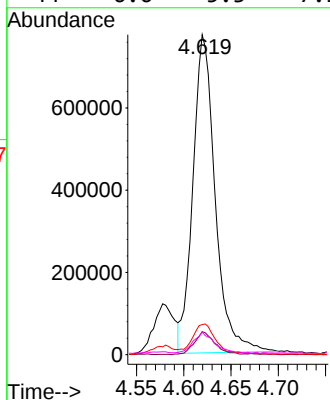
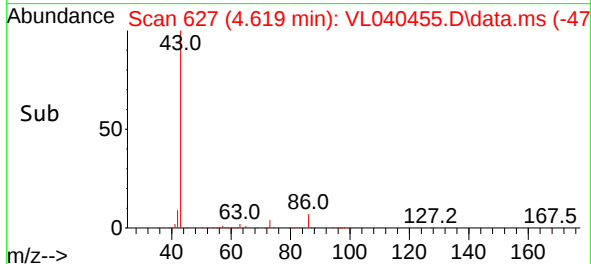
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



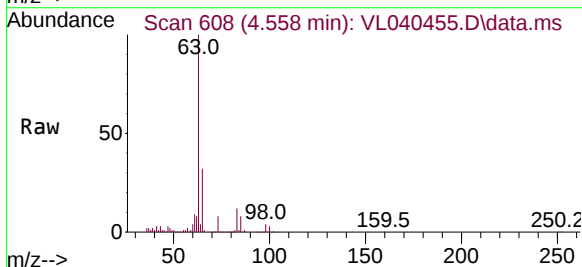
Tgt Ion: 43 Resp: 1269650
 Ion Ratio Lower Upper
 43 100
 86 7.2 5.8 8.6
 42 9.3 7.4 11.2
 44 6.6 5.3 7.9

Manual Integrations
 APPROVED

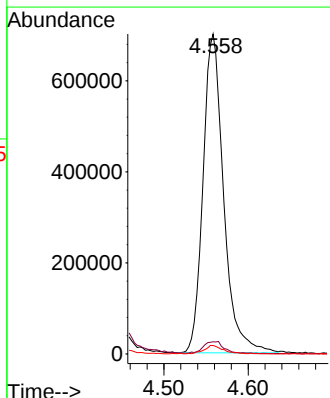
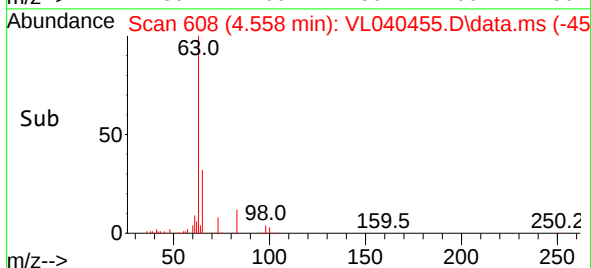
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

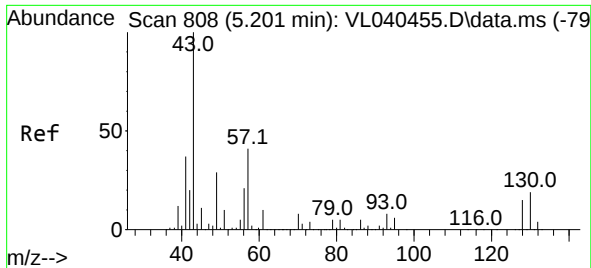


#24
 1,1-Dichloroethane
 Concen: 9.564 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07



Tgt Ion: 63 Resp: 1193514
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.8 5.5
 100 2.7 1.4 4.0





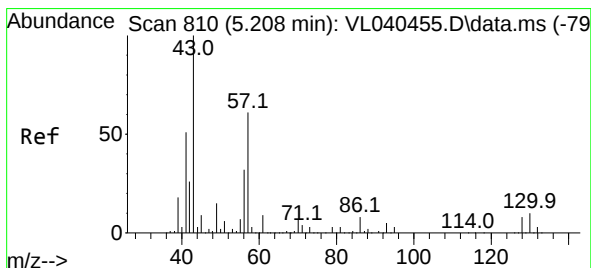
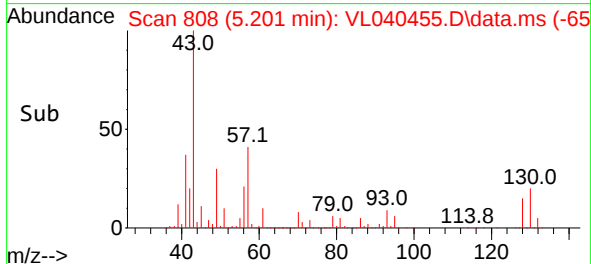
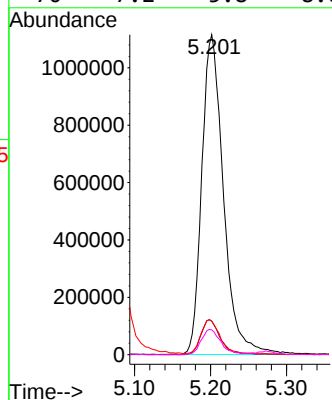
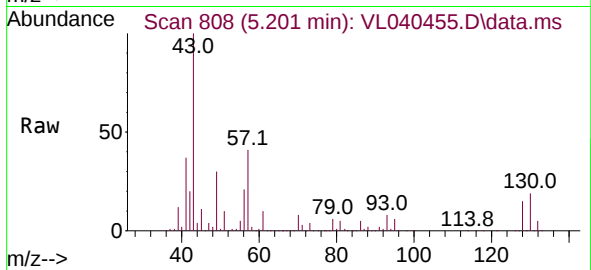
#25
Ethyl Acetate
Concen: 9.550 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2204169
Ion Ratio Lower Upper
43 100
45 10.0 8.0 12.0
61 10.1 8.1 12.1
70 7.2 5.8 8.6

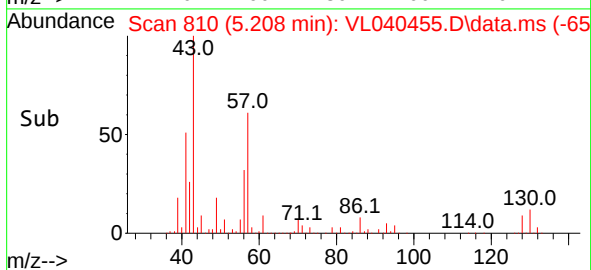
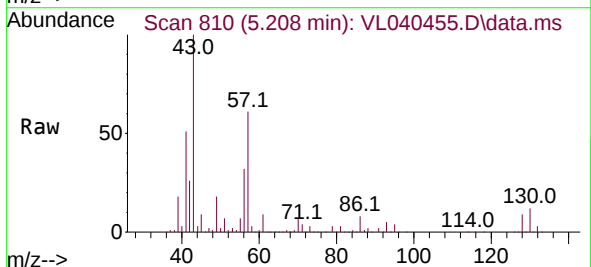
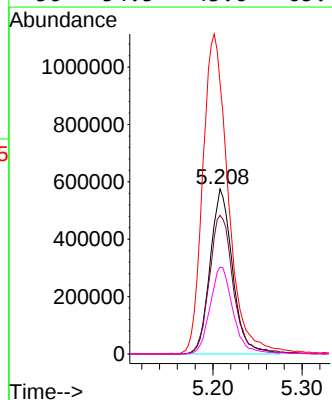
Manual Integrations
APPROVED

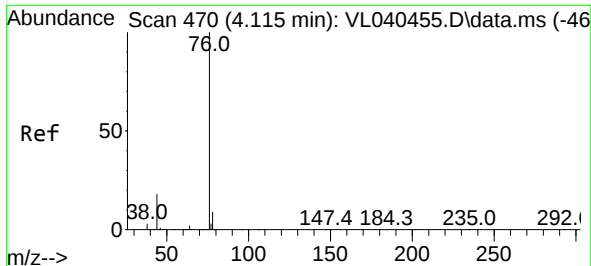
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#26
Hexane
Concen: 9.154 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

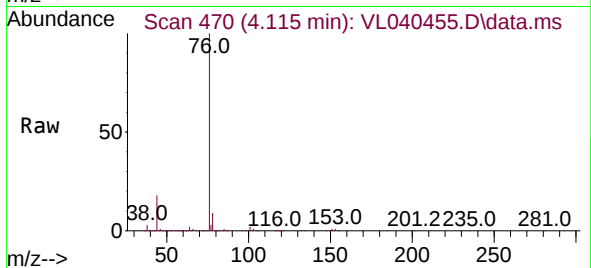
Tgt Ion: 57 Resp: 1000476
Ion Ratio Lower Upper
57 100
41 91.3 73.0 109.6
43 221.9 177.5 266.3
56 54.5 43.6 65.4





#27
Carbon Disulfide
Concen: 10.696 ppbv
RT: 4.115 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

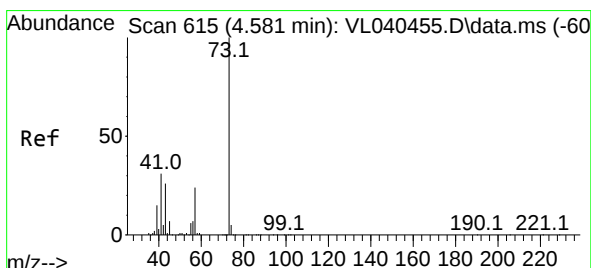
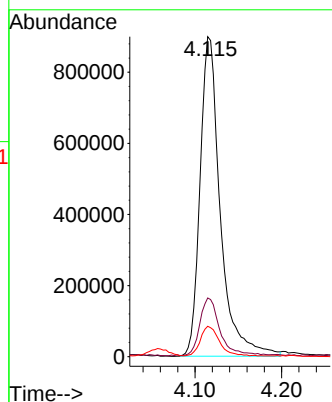
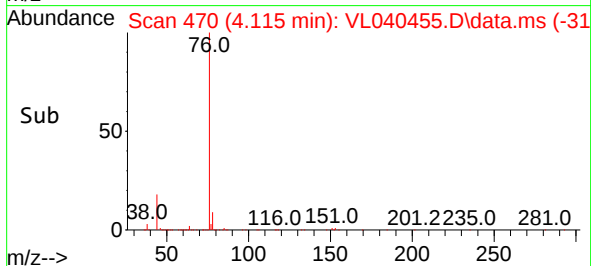
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 76 Resp: 1462070
Ion Ratio Lower Upper
76 100
44 18.3 14.6 22.0
78 9.5 7.6 11.4

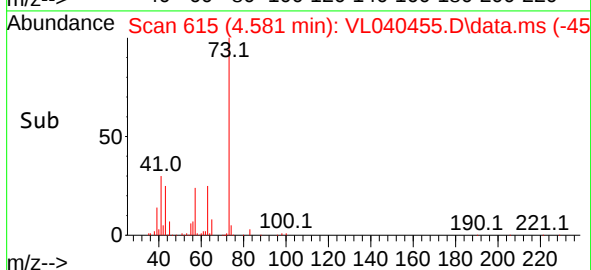
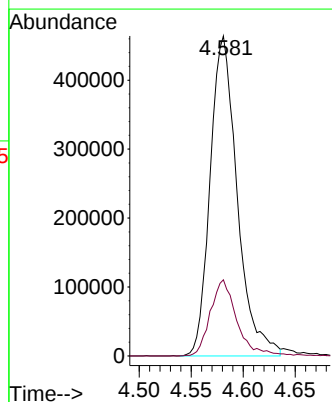
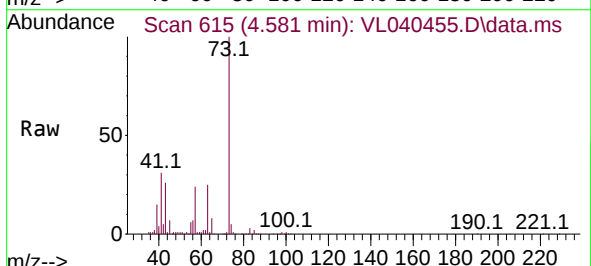
Manual Integrations
APPROVED

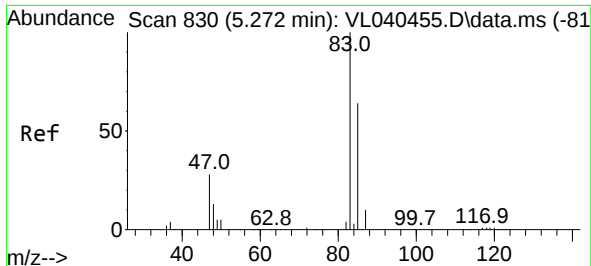
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#28
Methyl tert-Butyl Ether
Concen: 9.811 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

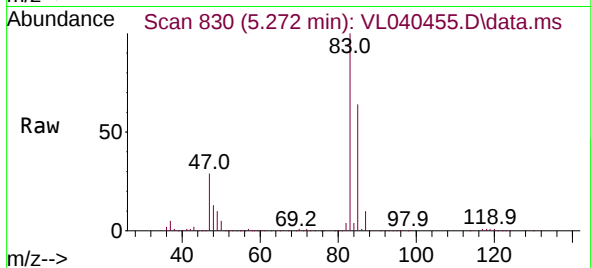
Tgt Ion: 73 Resp: 841007
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.4





#29
Chloroform
Concen: 9.535 ppbv
RT: 5.272 min Scan# 830
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

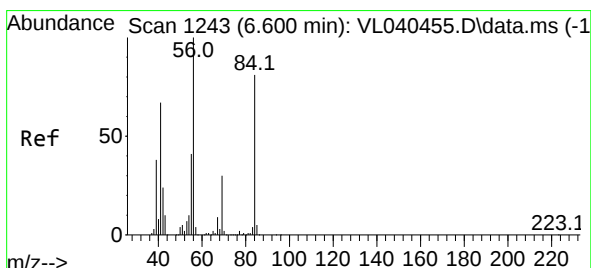
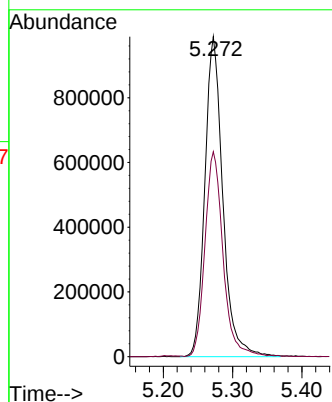
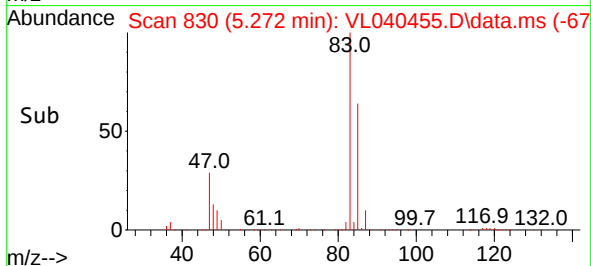
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 177518
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7

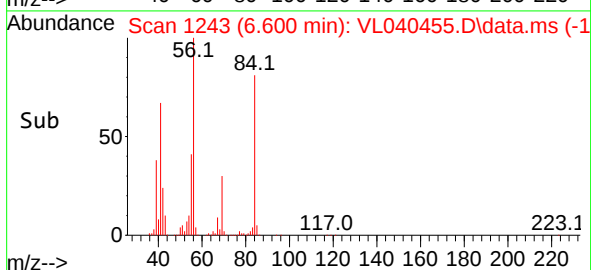
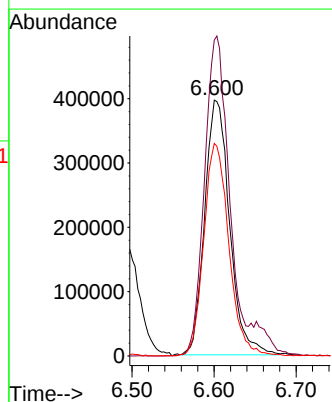
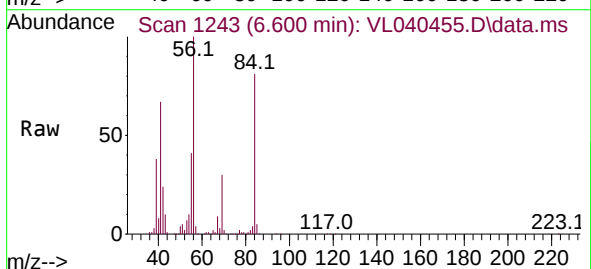
Manual Integrations
APPROVED

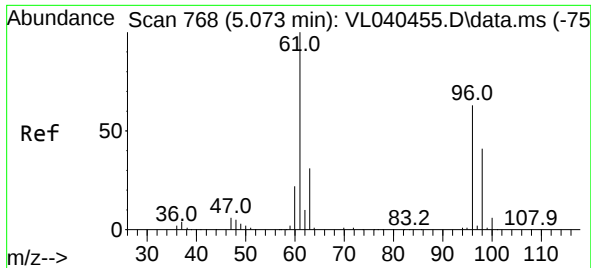
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#30
Cyclohexane
Concen: 10.316 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

Tgt Ion: 84 Resp: 838979
Ion Ratio Lower Upper
84 100
56 132.5 106.0 159.0
41 83.5 66.8 100.2





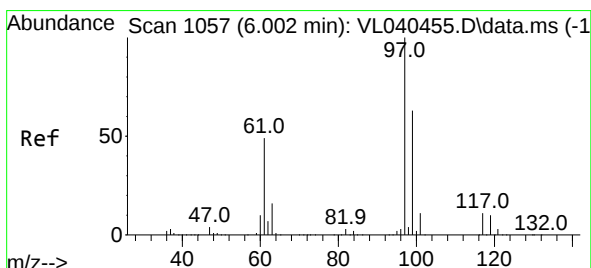
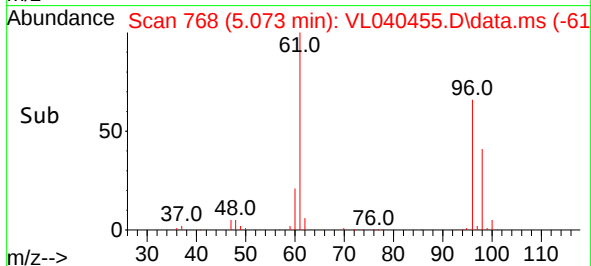
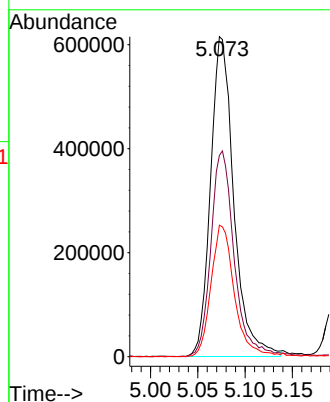
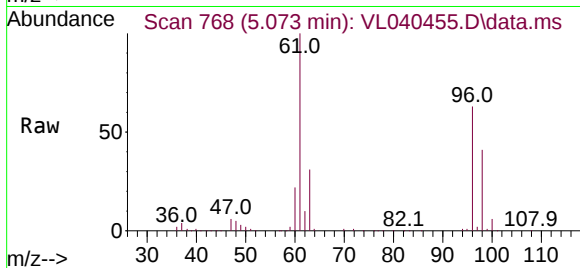
#31
 cis-1,2-Dichloroethene
 Concen: 10.057 ppbv
 RT: 5.073 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 61 Resp: 105162
 Ion Ratio Lower Upper
 61 100
 96 62.8 50.2 75.4
 98 41.1 32.9 49.3

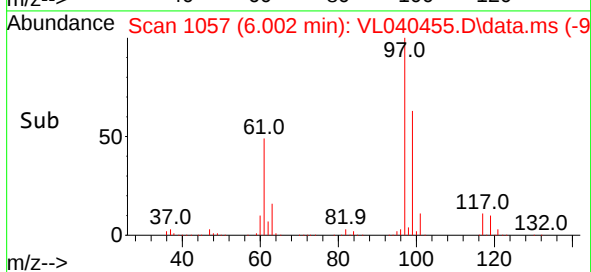
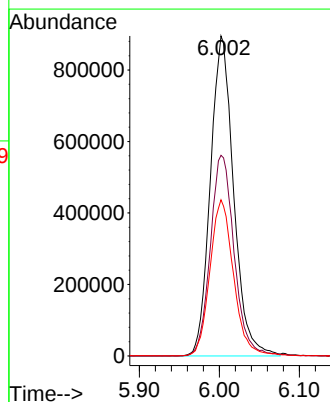
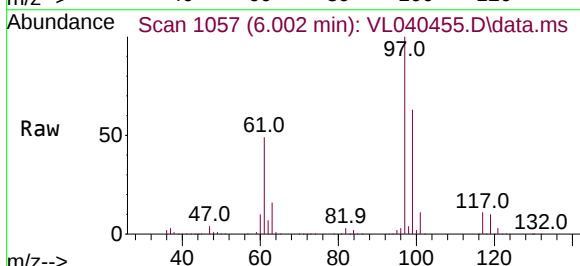
Manual Integrations
 APPROVED

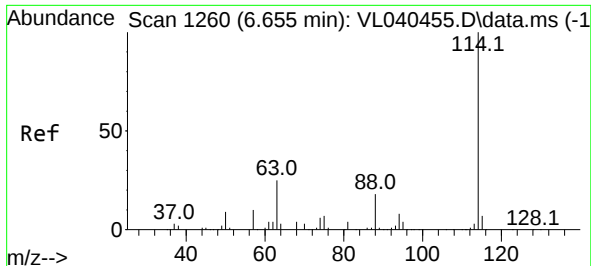
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.763 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07

Tgt Ion: 97 Resp: 1809712
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.5 77.3
 61 49.6 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VL040455.D

Acq: 5 Jun 2023 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 2653549

Ion Ratio Lower Upper

114 100

63 26.3 21.0 31.6

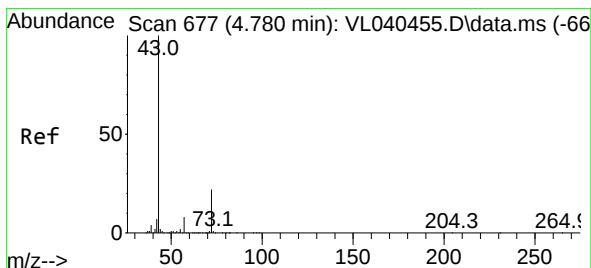
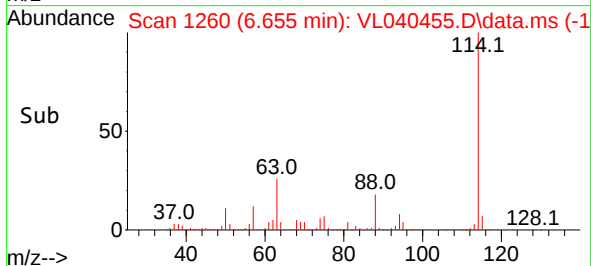
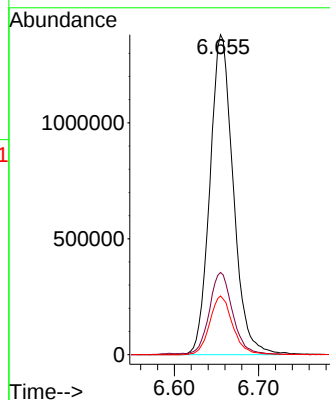
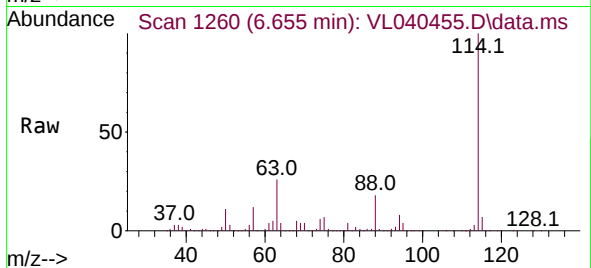
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#34

2-Butanone

Concen: 9.569 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.000 min

Lab File: VL040455.D

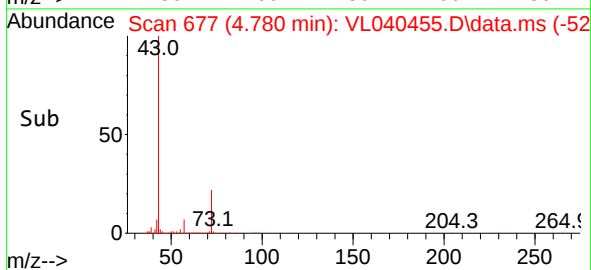
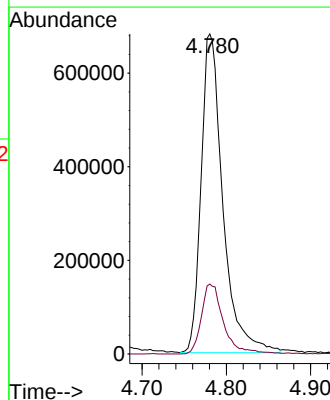
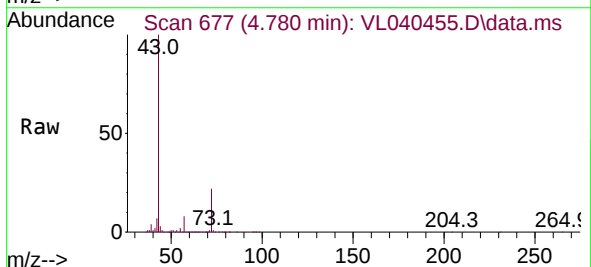
Acq: 5 Jun 2023 14:07

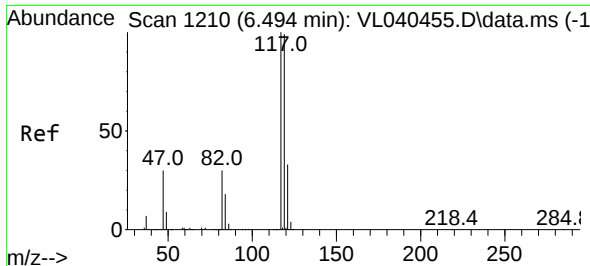
Tgt Ion: 43 Resp: 1224423

Ion Ratio Lower Upper

43 100

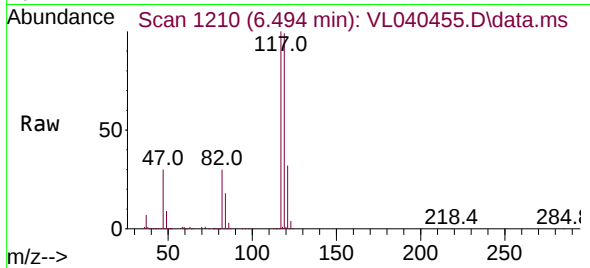
72 22.6 18.1 27.1





#35
Carbon Tetrachloride
Concen: 10.221 ppbv
RT: 6.494 min Scan# 1210
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

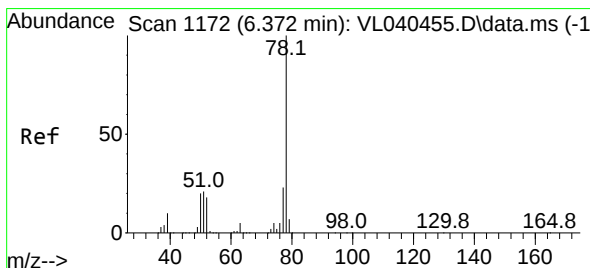
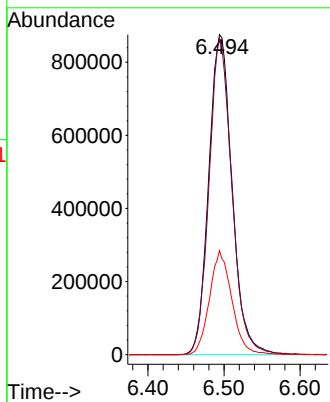
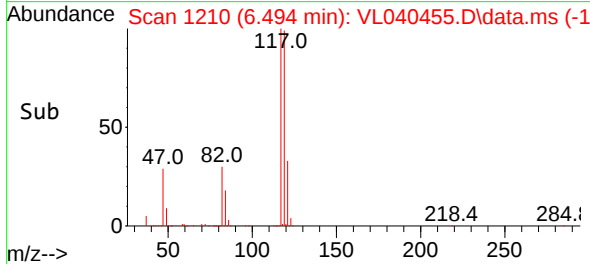
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 1864998
Ion Ratio Lower Upper
117 100
119 98.9 79.1 118.7
121 32.5 26.0 39.0

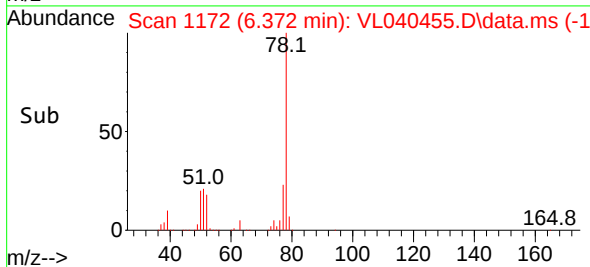
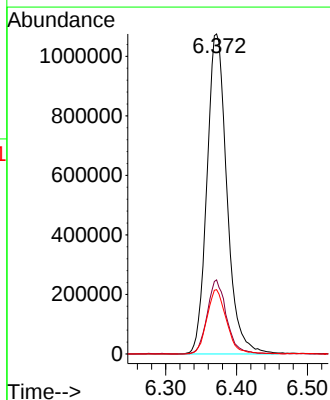
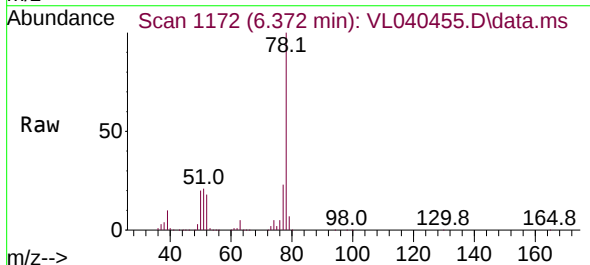
Manual Integrations
APPROVED

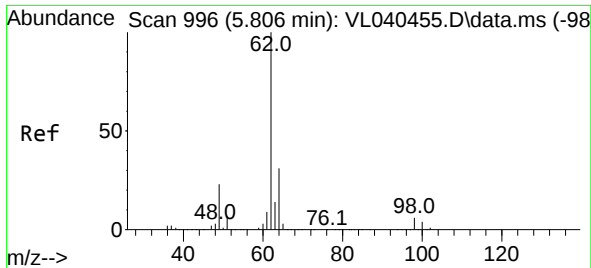
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#36
Benzene
Concen: 9.973 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

Tgt Ion: 78 Resp: 2105477
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7
50 20.1 16.1 24.1





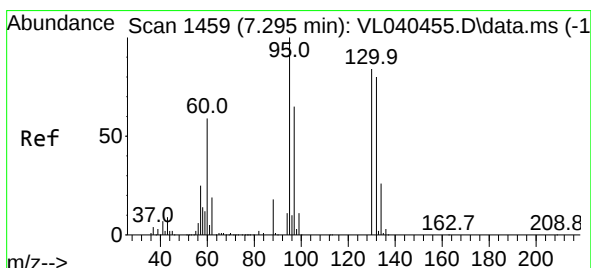
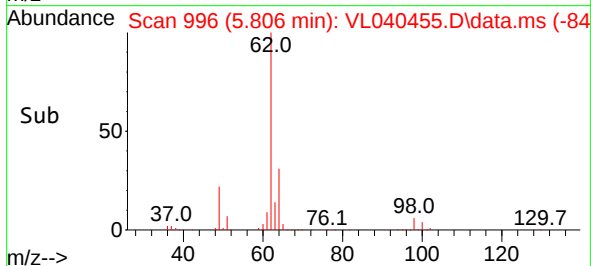
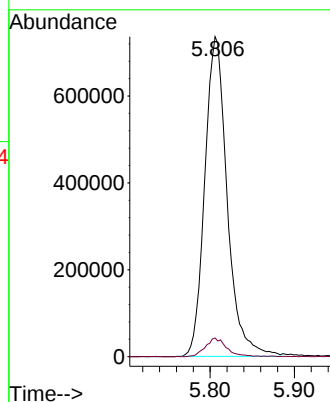
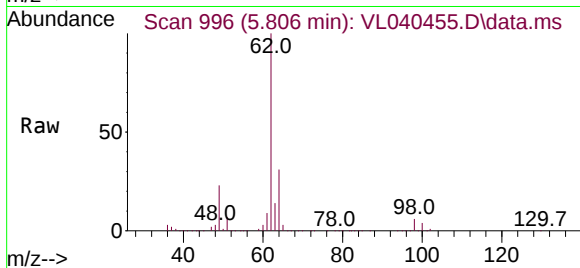
#37
1,2-Dichloroethane
Concen: 9.886 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 135937
Ion Ratio Lower Upper
62 100
98 5.7 4.6 6.8

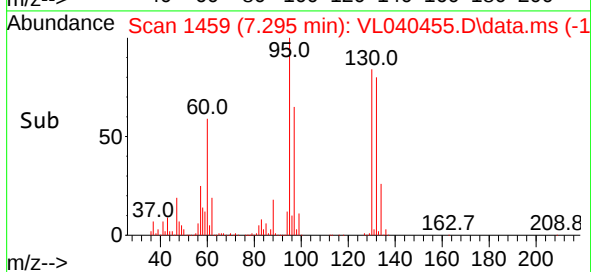
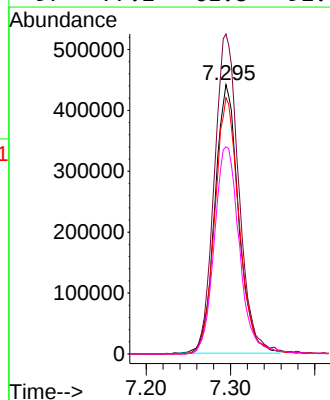
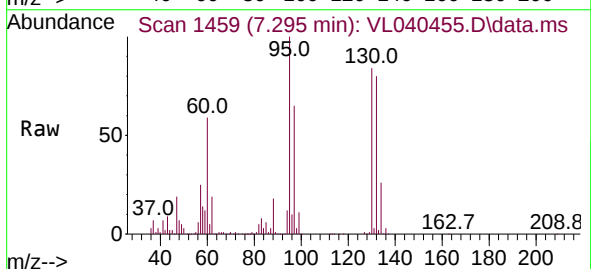
Manual Integrations
APPROVED

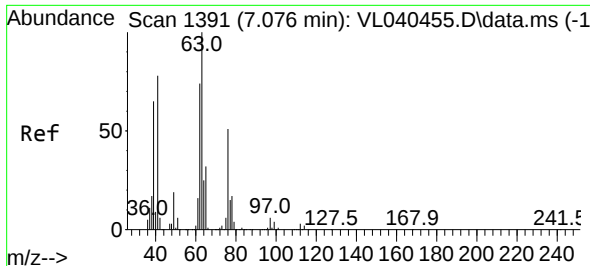
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#38
Trichloroethene
Concen: 10.634 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

Tgt Ion:130 Resp: 862664
Ion Ratio Lower Upper
130 100
95 119.2 95.4 143.0
132 95.4 76.3 114.5
97 77.2 61.8 92.6





#39

1,2-Dichloropropane

Concen: 9.709 ppbv

RT: 7.076 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VL040455.D

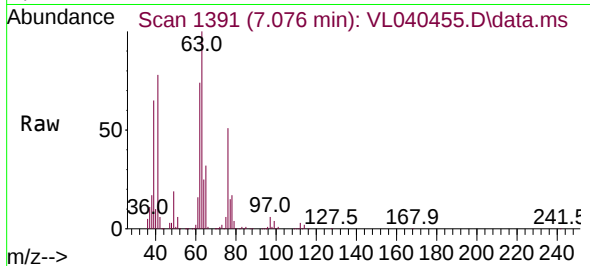
Acq: 5 Jun 2023 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion: 63 Resp: 799822

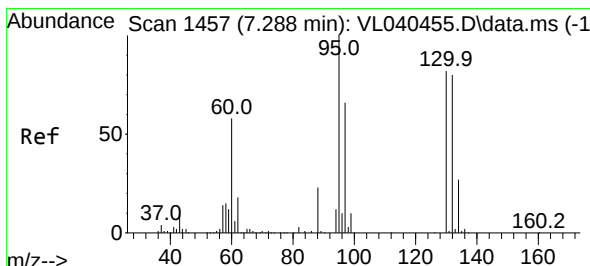
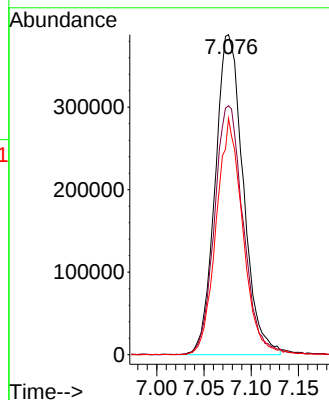
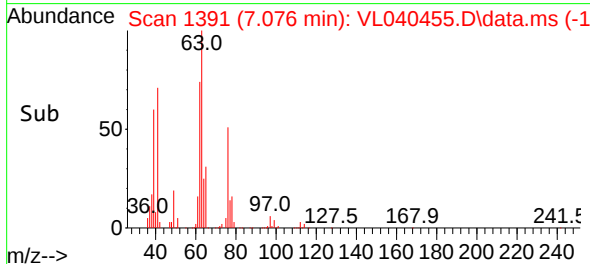
Ion	Ratio	Lower	Upper
63	100		
41	77.7	62.2	93.2
62	73.7	59.0	88.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#40

1,4-Dioxane

Concen: 9.936 ppbv

RT: 7.288 min Scan# 1457

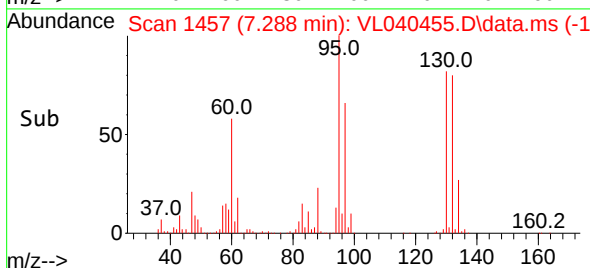
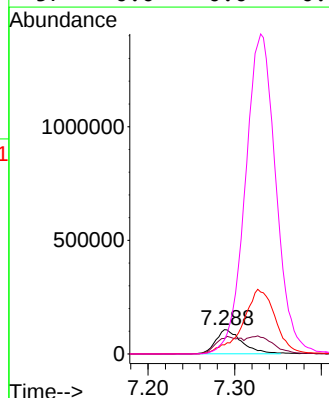
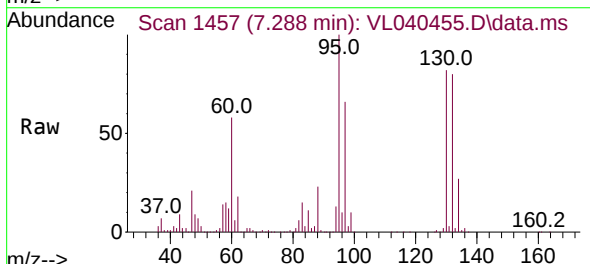
Delta R.T. 0.000 min

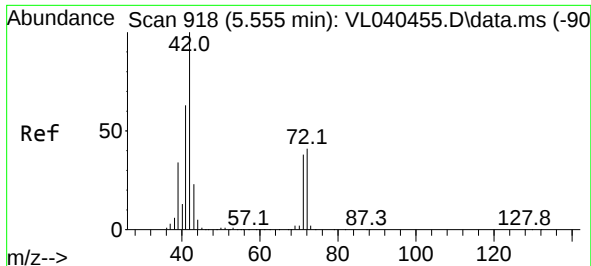
Lab File: VL040455.D

Acq: 5 Jun 2023 14:07

Tgt Ion: 88 Resp: 224003

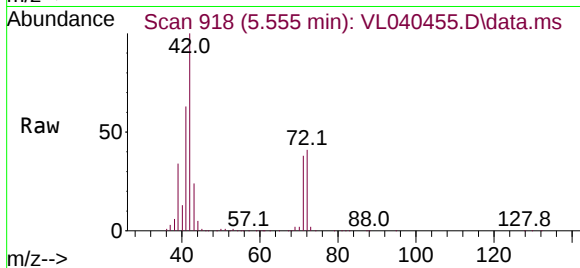
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.213 ppbv
RT: 5.555 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

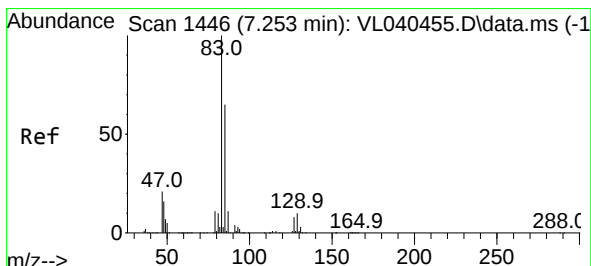
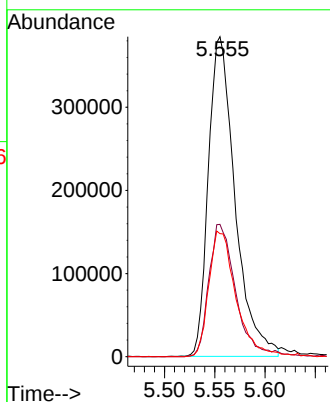
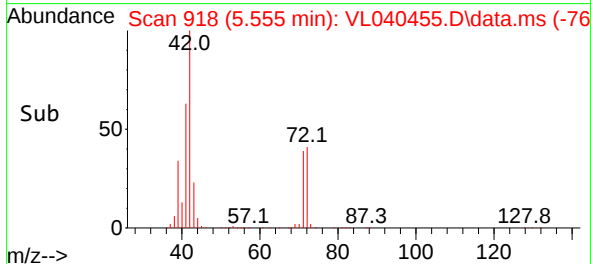
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 42 Resp: 709614
Ion Ratio Lower Upper
42 100
72 42.3 33.8 50.8
71 40.4 32.3 48.5

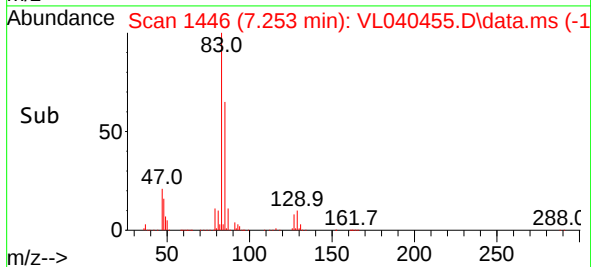
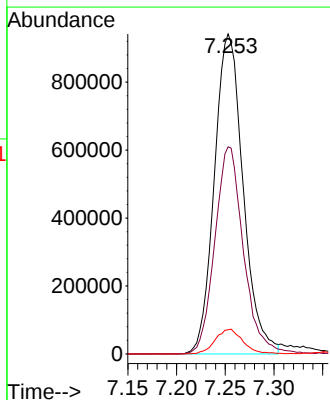
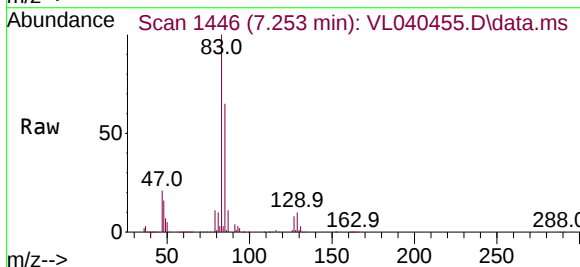
Manual Integrations
APPROVED

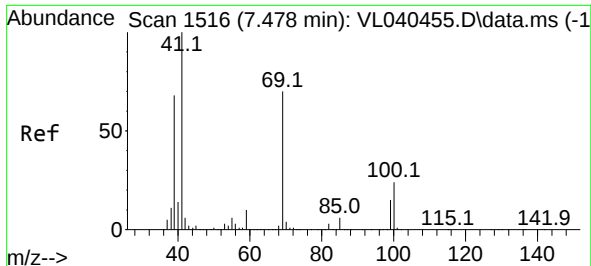
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#42
Bromodichloromethane
Concen: 10.215 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

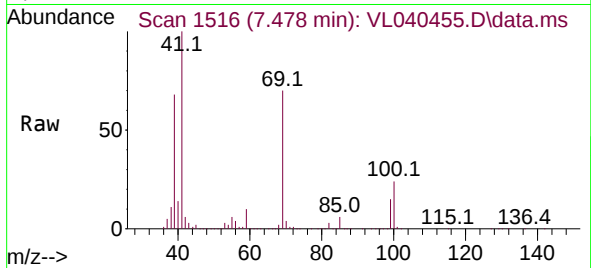
Tgt Ion: 83 Resp: 1934339
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6
127 7.6 6.1 9.1





#43
Methyl Methacrylate
Concen: 11.052 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

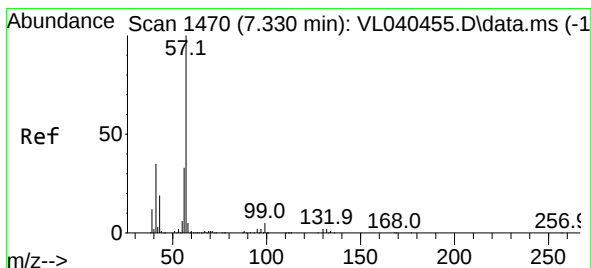
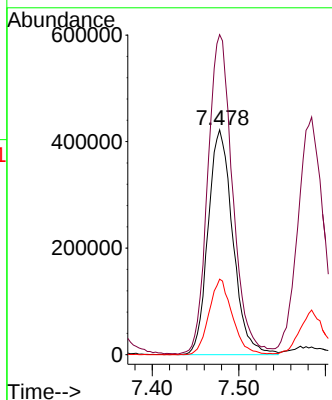
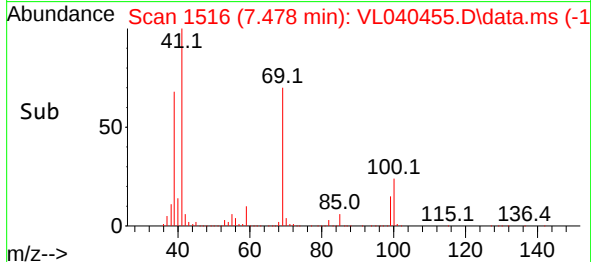
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



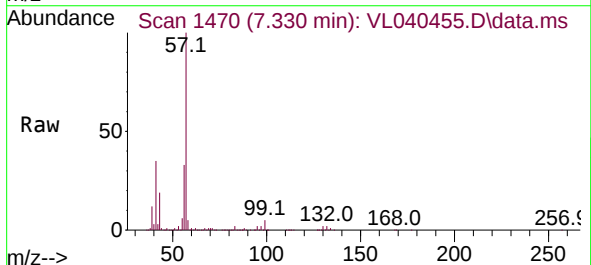
Tgt Ion: 69 Resp: 83797
Ion Ratio Lower Upper
69 100
41 142.9 114.3 171.5
100 31.8 25.4 38.2

Manual Integrations
APPROVED

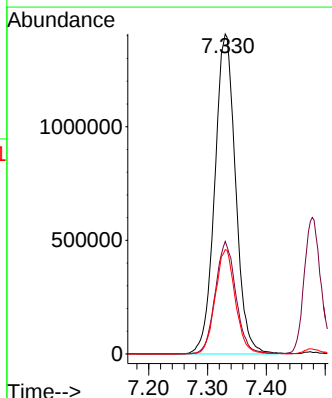
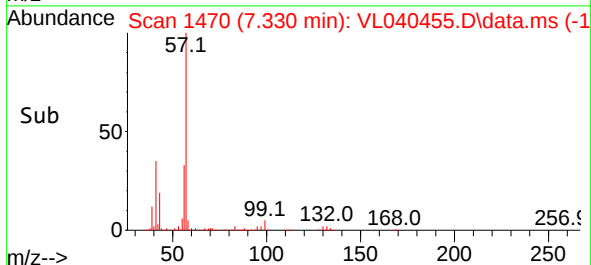
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

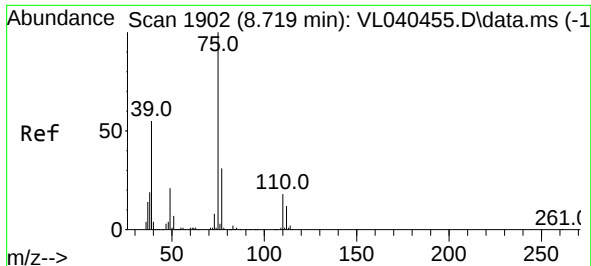


#44
2,2,4-Trimethylpentane
Concen: 10.040 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07



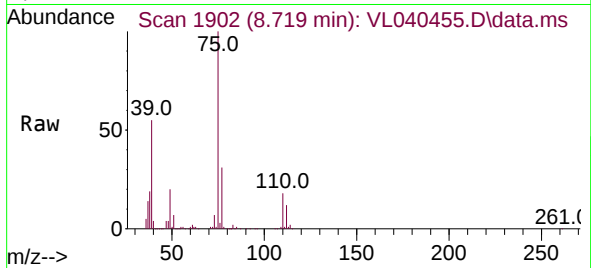
Tgt Ion: 57 Resp: 3460296
Ion Ratio Lower Upper
57 100
41 34.8 27.8 41.8
56 31.6 25.3 37.9





#45
 t-1,3-Dichloropropene
 Concen: 11.799 ppbv
 RT: 8.719 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07

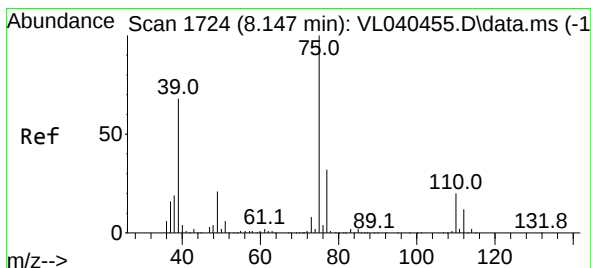
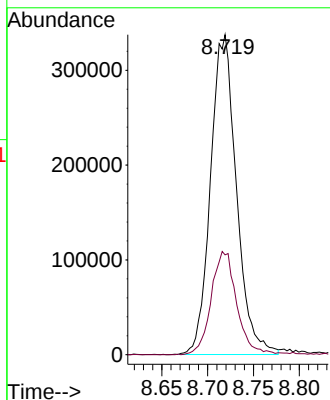
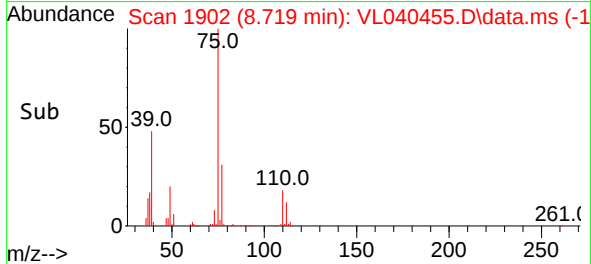
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 75 Resp: 66233
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4

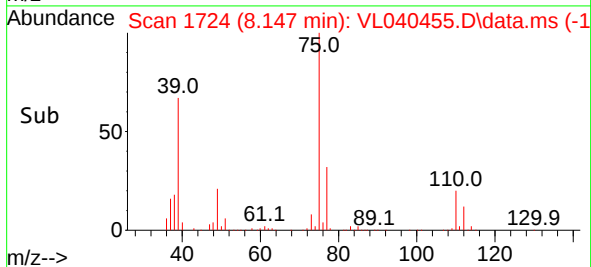
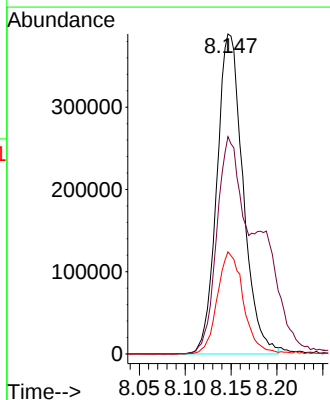
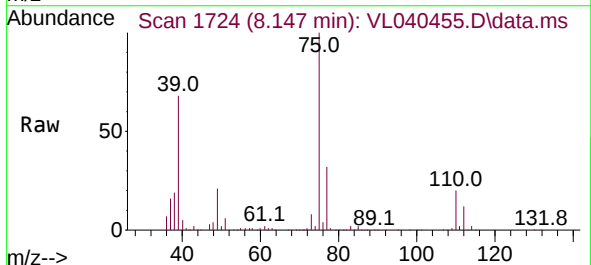
Manual Integrations
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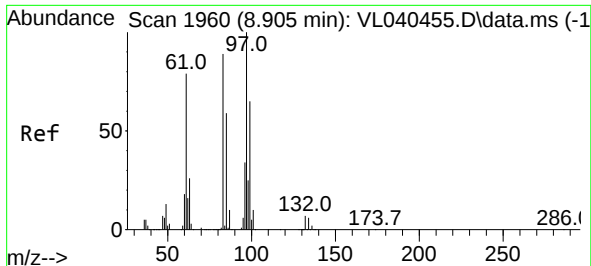
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023



#46
 cis-1,3-Dichloropropene
 Concen: 11.398 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07

Tgt Ion: 75 Resp: 772289
 Ion Ratio Lower Upper
 75 100
 39 67.8 54.2 81.4
 77 31.9 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.899 ppbv

RT: 8.905 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VL040455.D

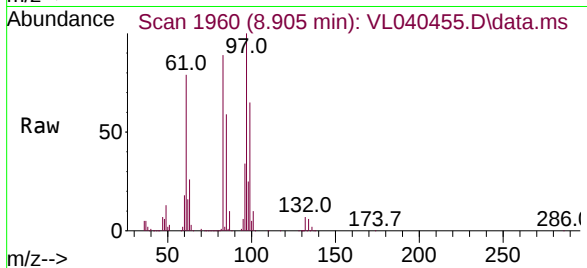
Acq: 5 Jun 2023 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion: 97 Resp: 884410

Ion Ratio Lower Upper

97 100

83 89.3 71.4 107.2

85 59.0 47.2 70.8

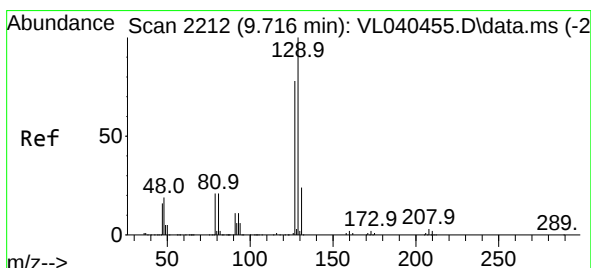
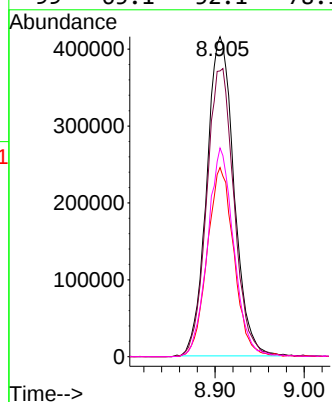
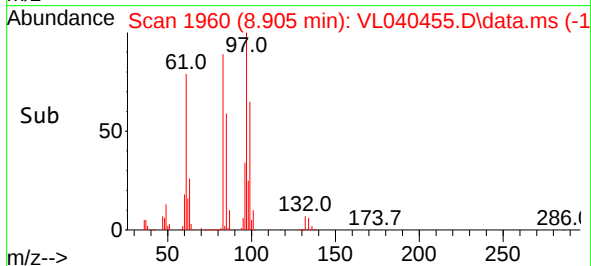
99 65.1 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#48

Dibromochloromethane

Concen: 10.824 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. 0.000 min

Lab File: VL040455.D

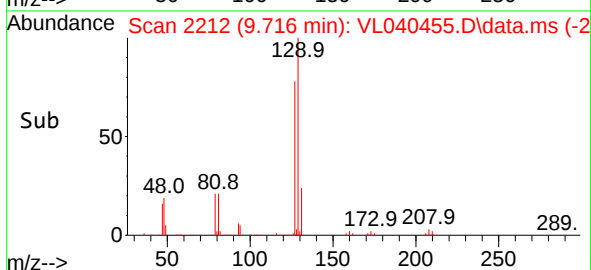
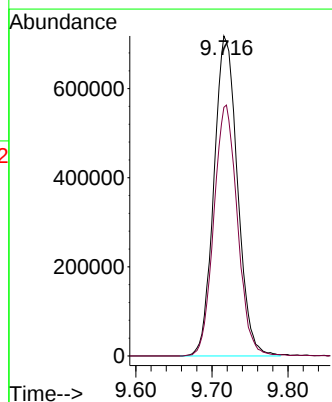
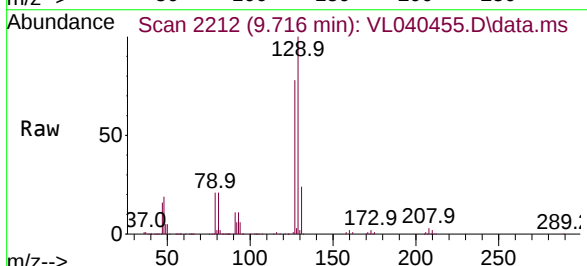
Acq: 5 Jun 2023 14:07

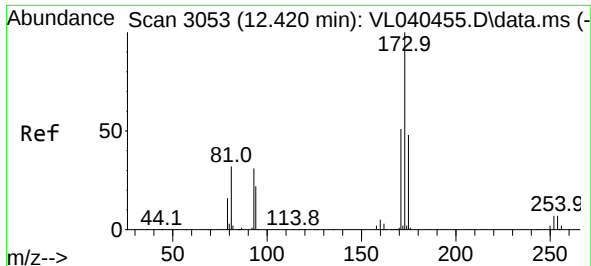
Tgt Ion:129 Resp: 1547504

Ion Ratio Lower Upper

129 100

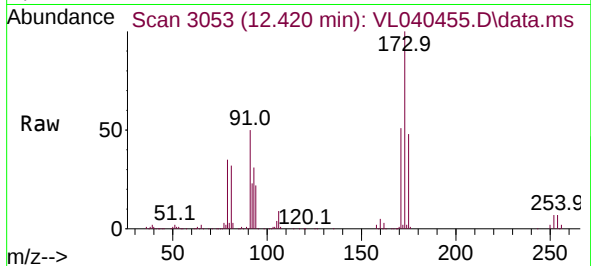
127 78.7 39.4 118.1





#49
Bromoform
Concen: 11.171 ppbv
RT: 12.420 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

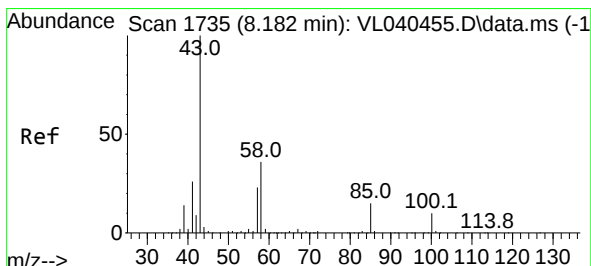
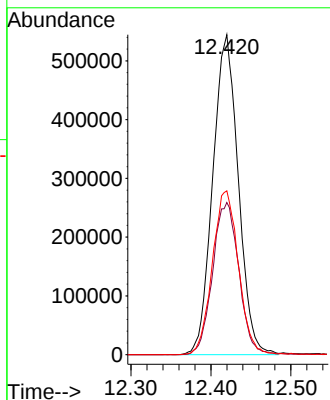
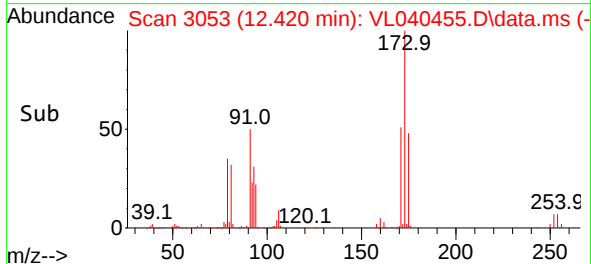
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:173 Resp: 1204452
Ion Ratio Lower Upper
173 100
175 49.0 39.2 58.8
171 52.7 42.2 63.2

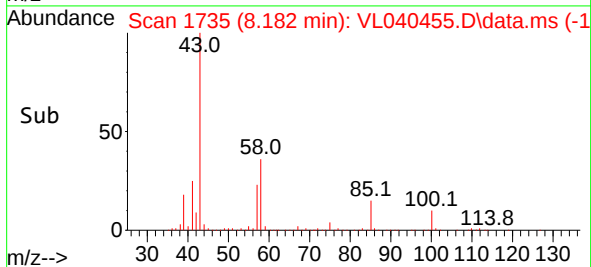
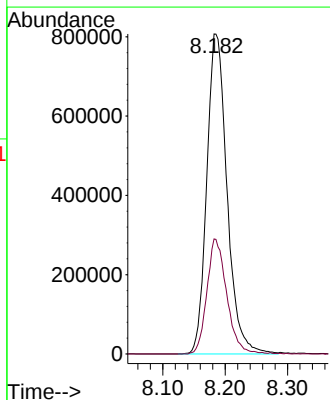
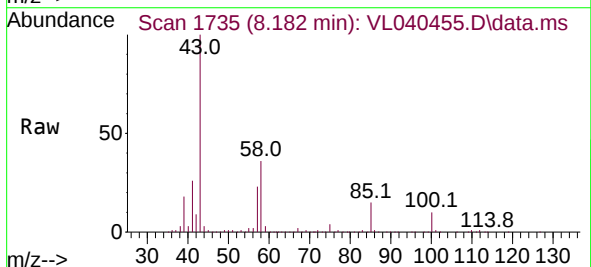
Manual Integrations
APPROVED

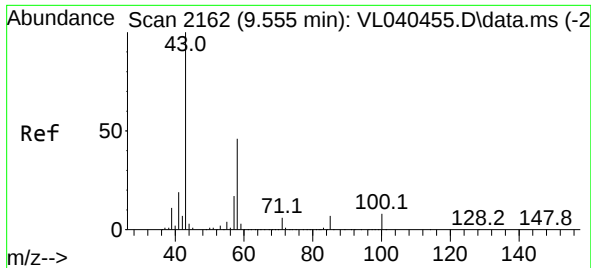
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#50
4-Methyl-2-Pentanone
Concen: 10.694 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

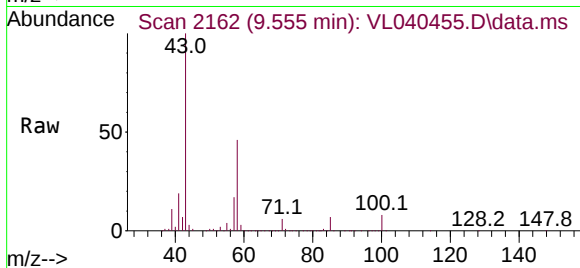
Tgt Ion: 43 Resp: 1823106
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.4





#51
2-Hexanone
Concen: 10.978 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

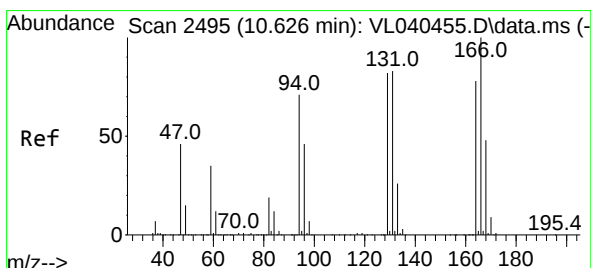
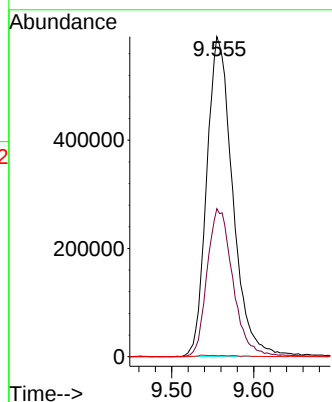
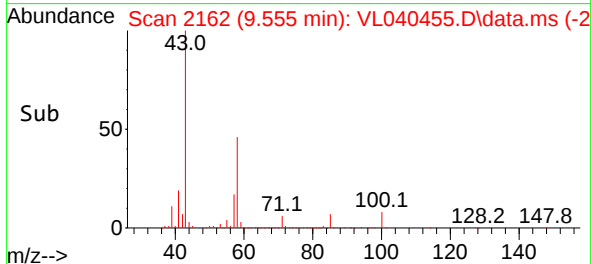
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 1296624
Ion Ratio Lower Upper
43 100
58 46.4 37.1 55.7
98 0.6 0.5 0.7

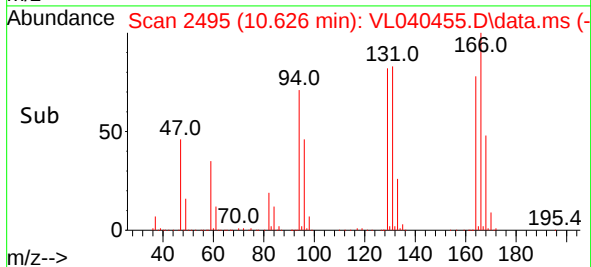
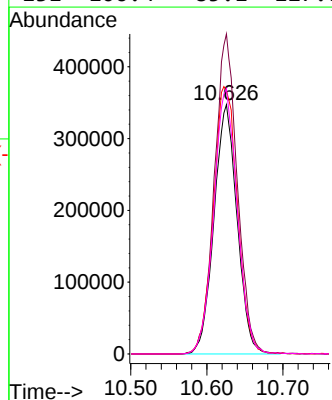
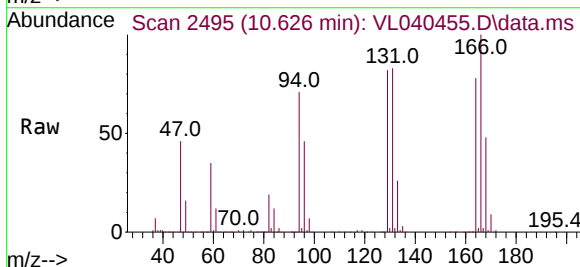
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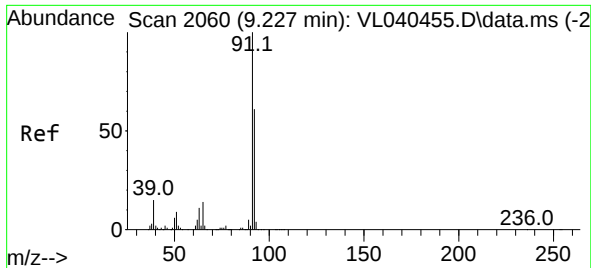
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#52
Tetrachloroethene
Concen: 11.029 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

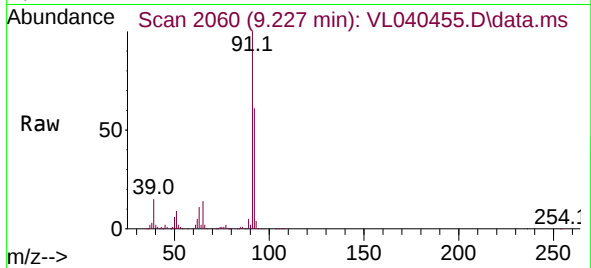
Tgt Ion:164 Resp: 730902
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 105.7 84.6 126.8
131 106.4 85.1 127.7





#53
Toluene
Concen: 10.873 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

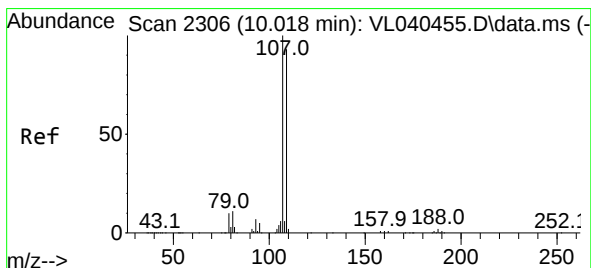
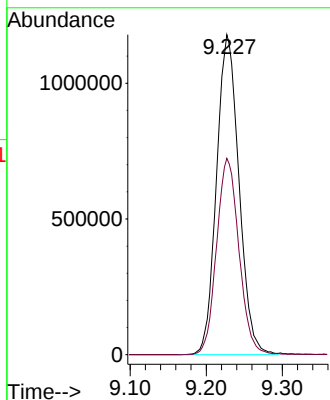
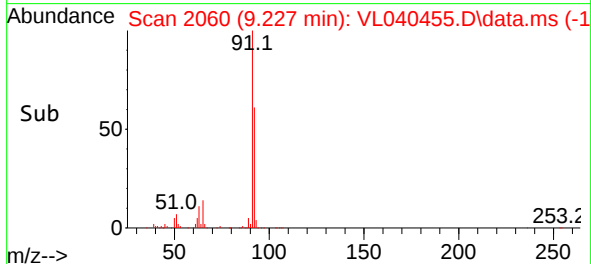
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



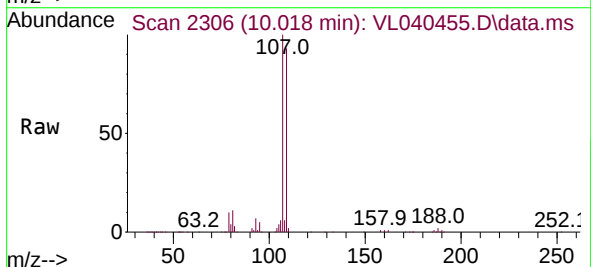
Tgt Ion: 91 Resp: 2417184
Ion Ratio Lower Upper
91 100
92 61.4 49.1 73.7

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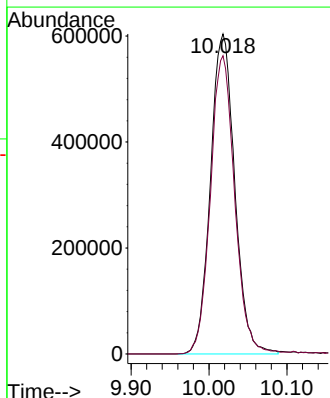
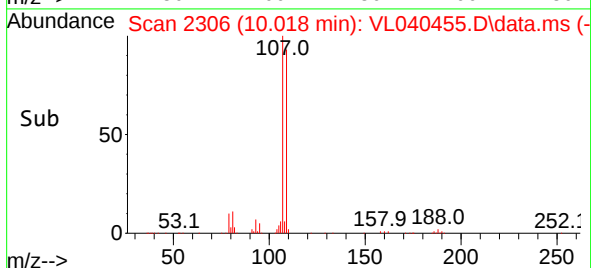
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

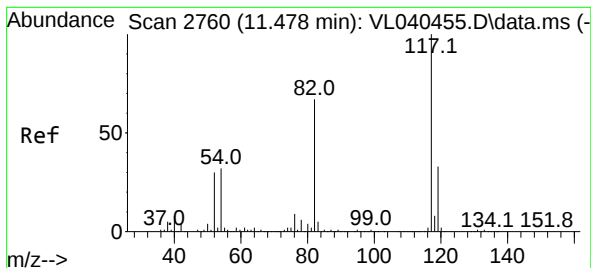


#54
1,2-Dibromoethane
Concen: 11.145 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07



Tgt Ion:107 Resp: 1309475
Ion Ratio Lower Upper
107 100
109 93.1 74.5 111.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 2760

Delta R.T. 0.000 min

Lab File: VL040455.D

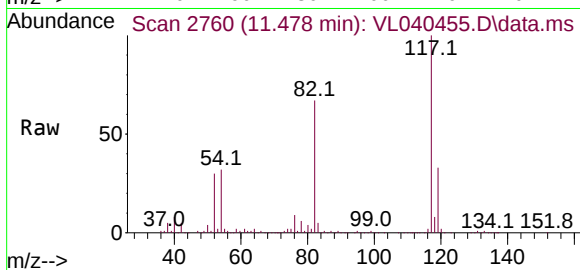
Acq: 5 Jun 2023 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:117 Resp: 2595309

Ion Ratio Lower Upper

117 100

82 66.2 53.0 79.4

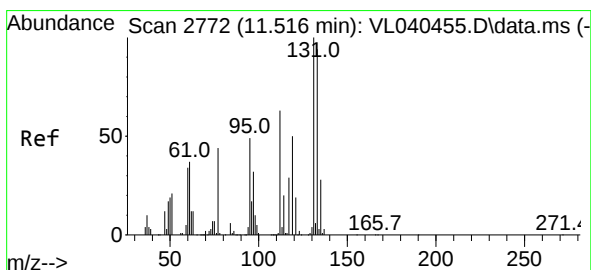
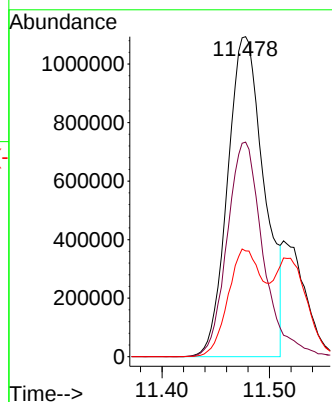
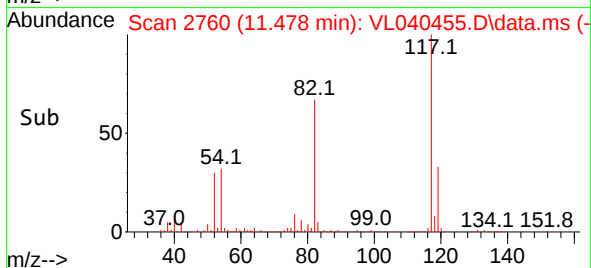
119 30.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#56

1,1,1,2-Tetrachloroethane

Concen: 9.511 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. 0.000 min

Lab File: VL040455.D

Acq: 5 Jun 2023 14:07

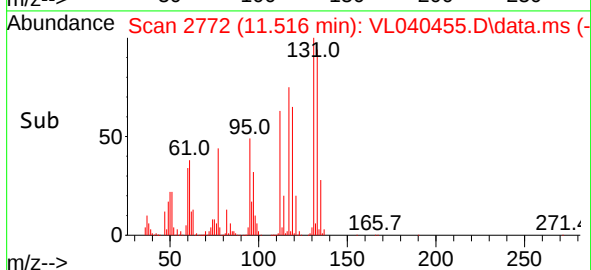
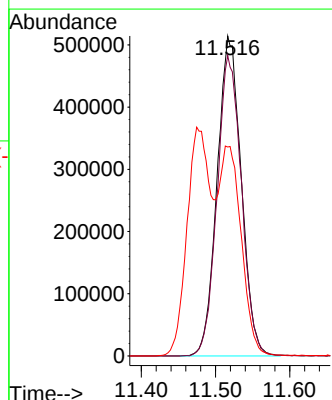
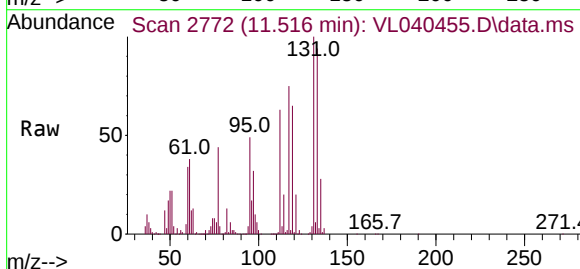
Tgt Ion:131 Resp: 1160320

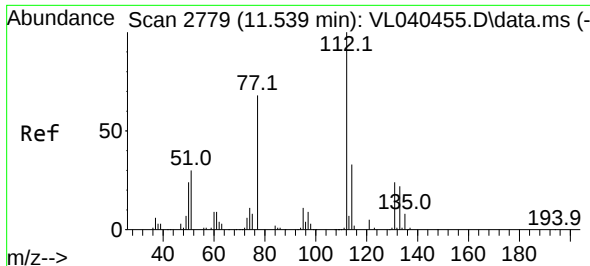
Ion Ratio Lower Upper

131 100

133 94.6 75.7 113.5

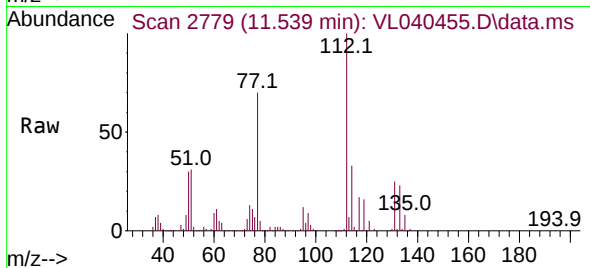
119 64.3 51.4 77.2





#57
Chlorobenzene
Concen: 9.646 ppbv
RT: 11.539 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

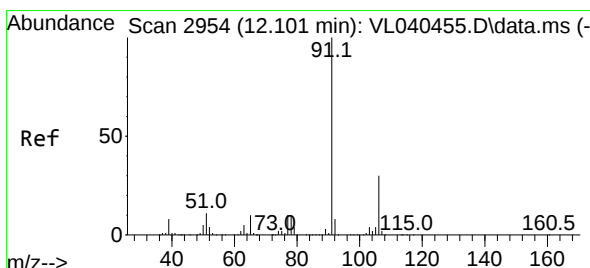
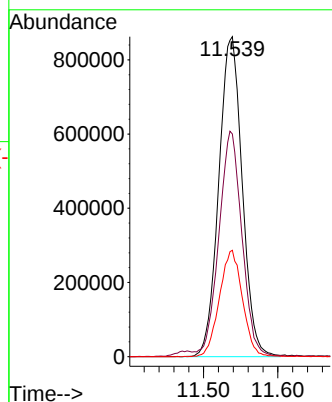
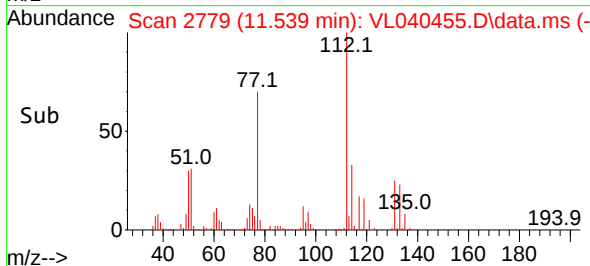
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 112 Resp: 1892200
Ion Ratio Lower Upper
112 100
77 69.3 55.4 83.2
114 33.3 30.0 36.6

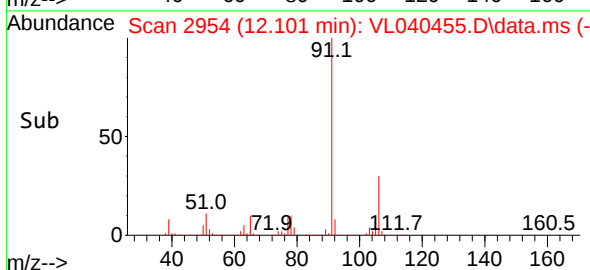
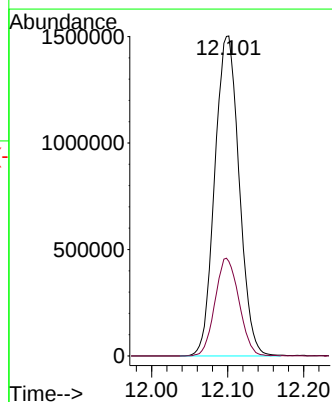
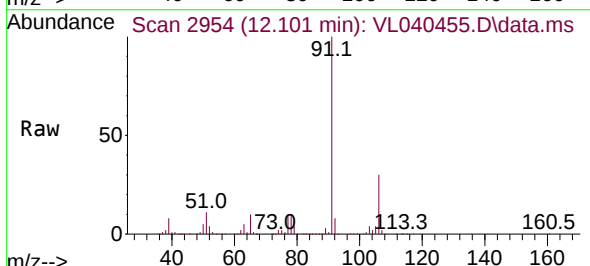
Manual Integrations
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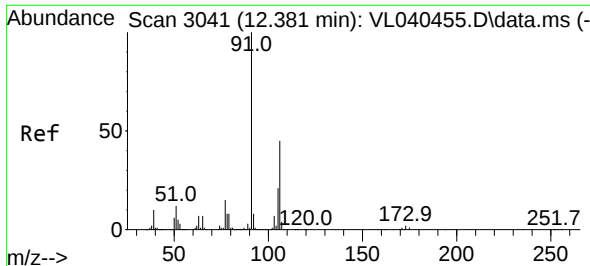
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#58
Ethyl Benzene
Concen: 10.652 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

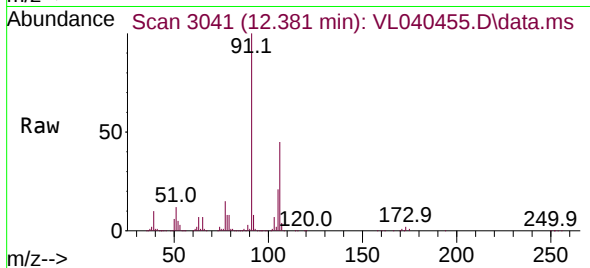
Tgt Ion: 91 Resp: 3346525
Ion Ratio Lower Upper
91 100
106 29.6 23.7 35.5





#59
m/p-Xylene
Concen: 20.515 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

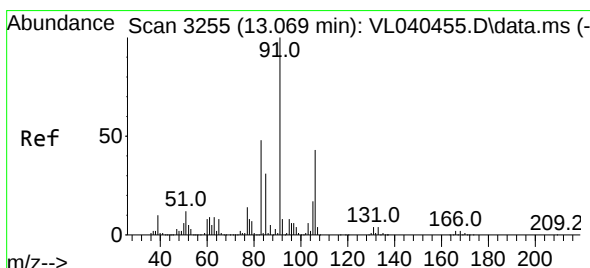
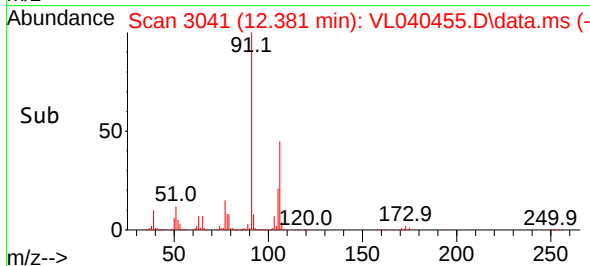
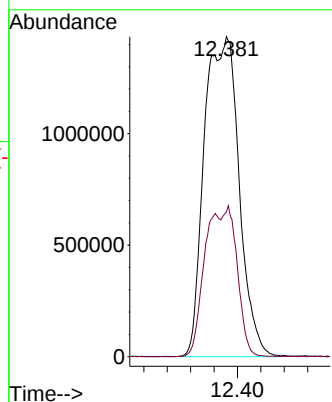
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 91 Resp: 5911228
Ion Ratio Lower Upper
91 100
106 43.3 34.6 52.0

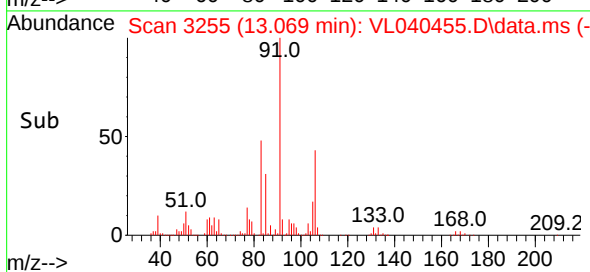
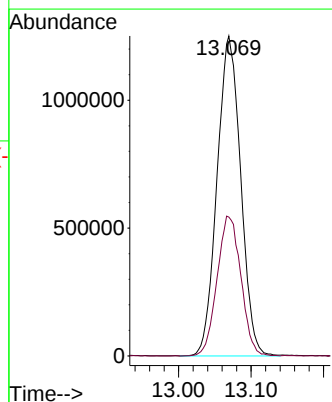
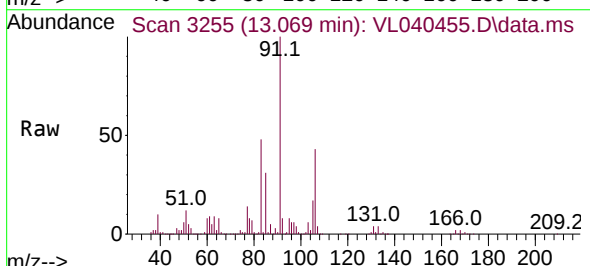
Manual Integrations
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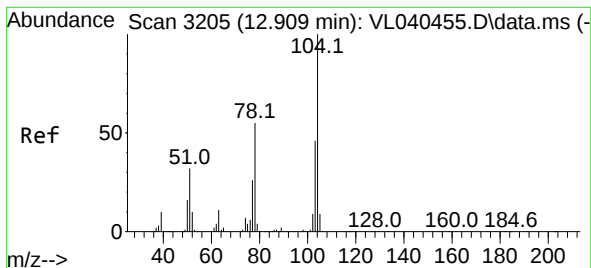
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#60
o-Xylene
Concen: 10.341 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

Tgt Ion: 91 Resp: 2834604
Ion Ratio Lower Upper
91 100
106 44.1 22.1 66.1





#61

Styrene

Concen: 11.966 ppbv

RT: 12.909 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040455.D

Acq: 5 Jun 2023 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 141134

Ion Ratio Lower Upper

104 100

78 53.9 43.1 64.7

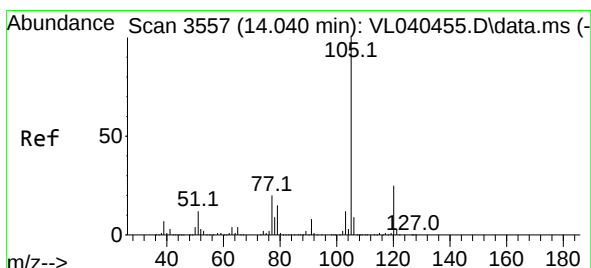
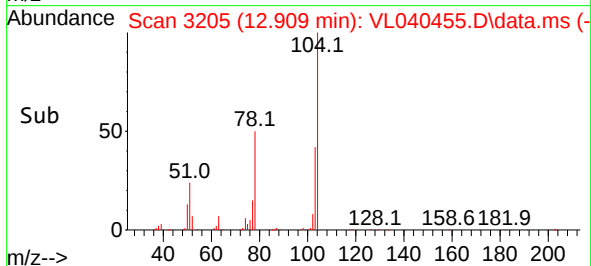
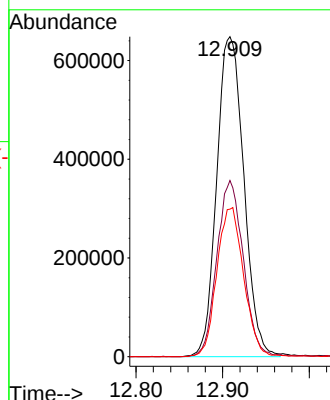
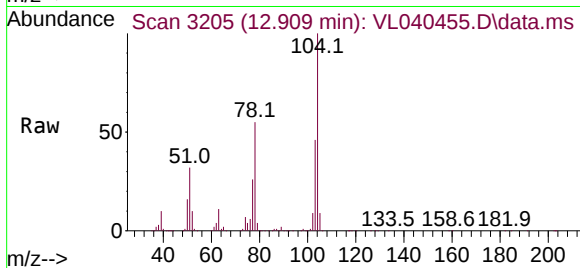
103 46.4 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#62

Isopropylbenzene

Concen: 10.040 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.000 min

Lab File: VL040455.D

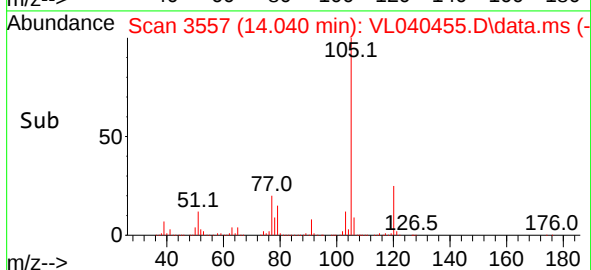
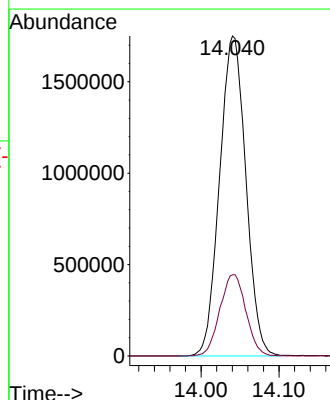
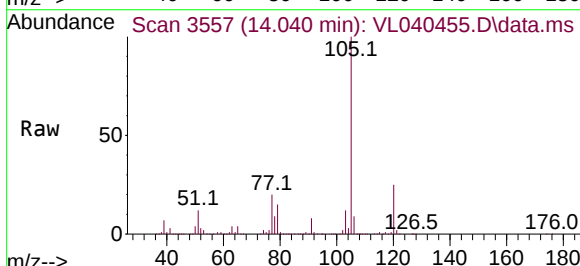
Acq: 5 Jun 2023 14:07

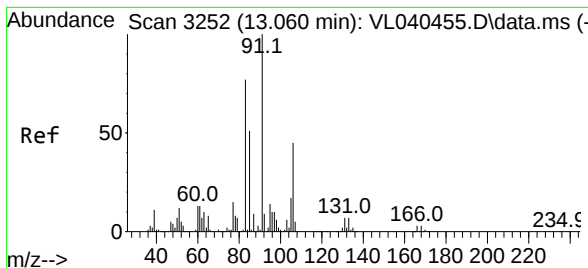
Tgt Ion:105 Resp: 4091046

Ion Ratio Lower Upper

105 100

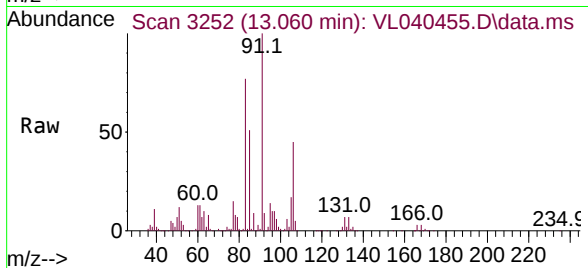
120 25.3 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.737 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

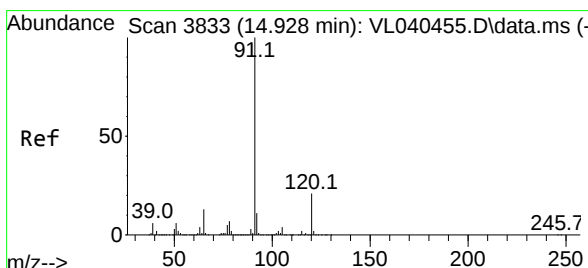
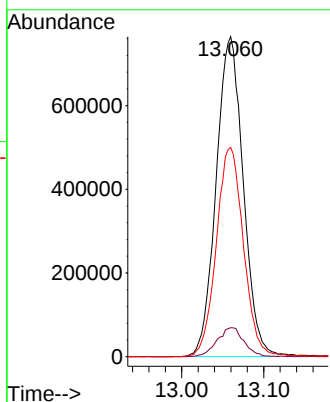
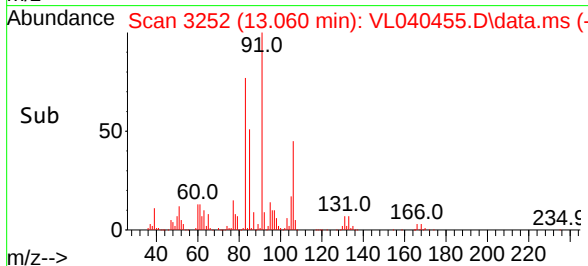
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



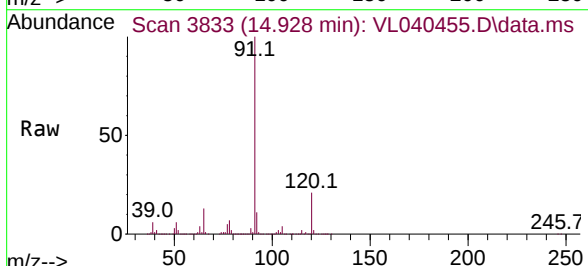
Tgt Ion: 83 Resp: 175157
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 66.0 33.0 99.0

Manual Integrations
APPROVED

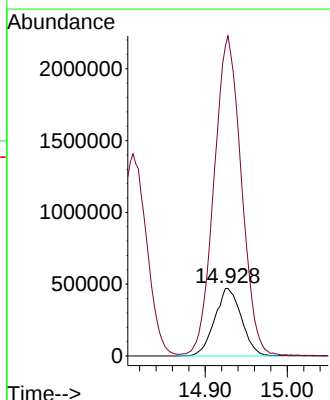
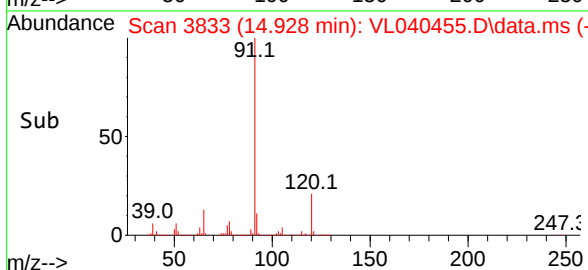
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

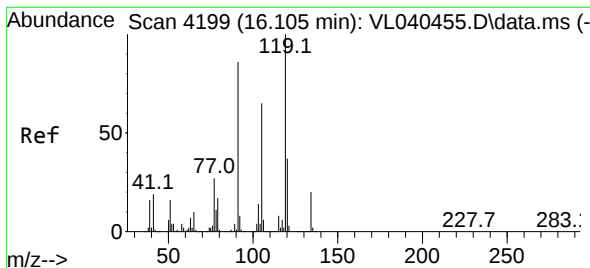


#64
n-propylbenzene
Concen: 11.187 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07



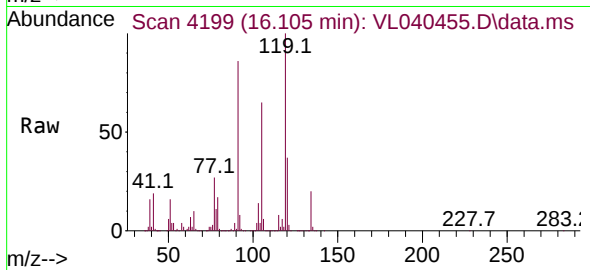
Tgt Ion:120 Resp: 1067549
Ion Ratio Lower Upper
120 100
91 485.6 388.5 582.7





#65
tert-Butylbenzene
Concen: 10.050 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

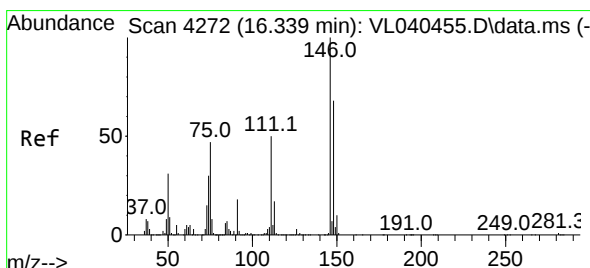
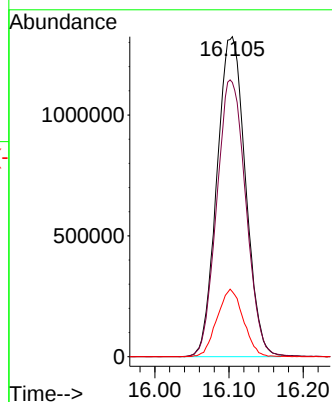
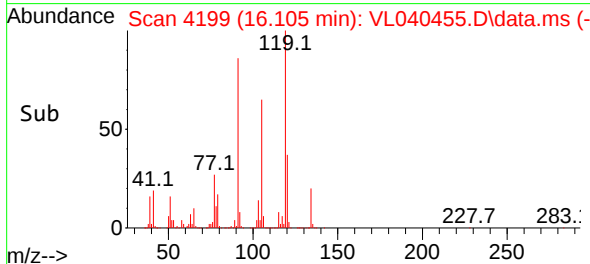
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:119 Resp: 354155
Ion Ratio Lower Upper
119 100
91 88.1 70.5 105.7
134 19.5 15.6 23.4

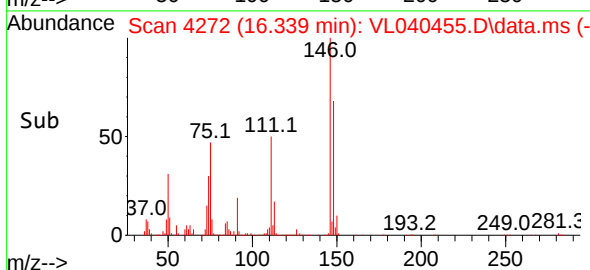
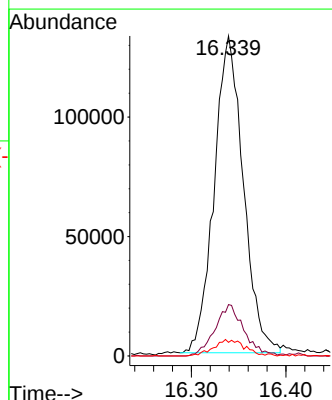
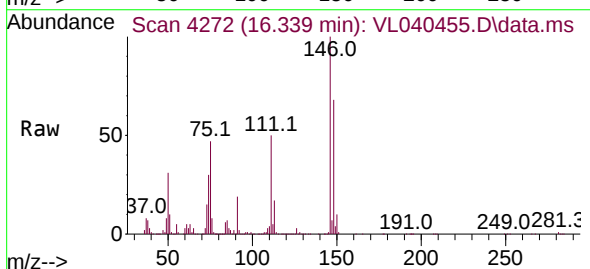
Manual Integrations
APPROVED

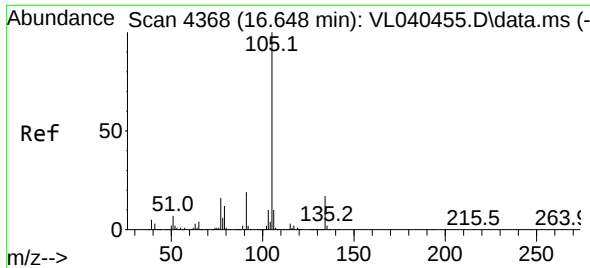
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#66
Benzyl Chloride
Concen: 10.865 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

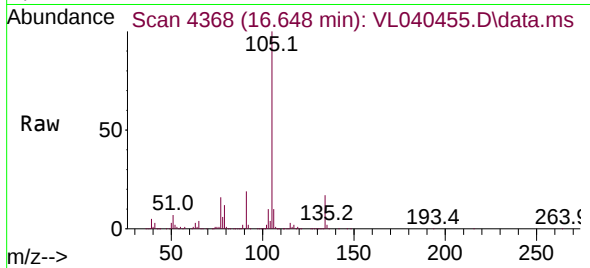
Tgt Ion: 91 Resp: 284099
Ion Ratio Lower Upper
91 100
126 16.5 13.2 19.8
128 5.7 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 10.069 ppbv
 RT: 16.648 min Scan# 4368
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07

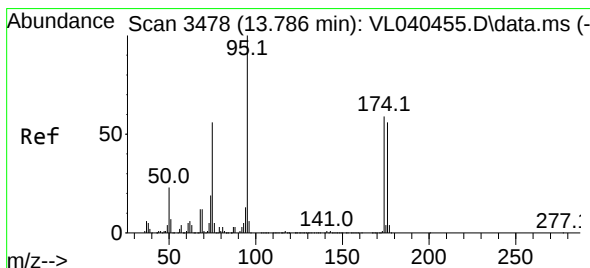
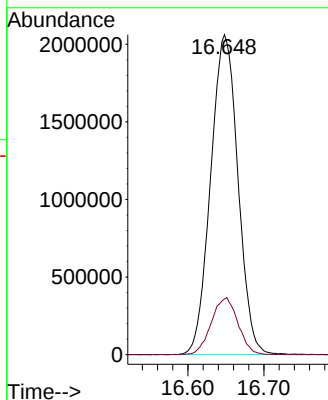
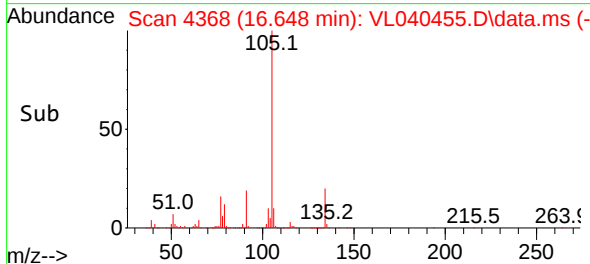
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



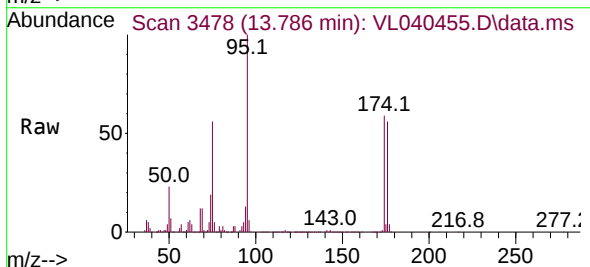
Tgt Ion:105 Resp: 5132448
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.0 21.0

Manual Integrations
 APPROVED

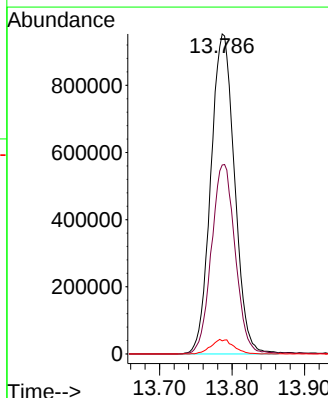
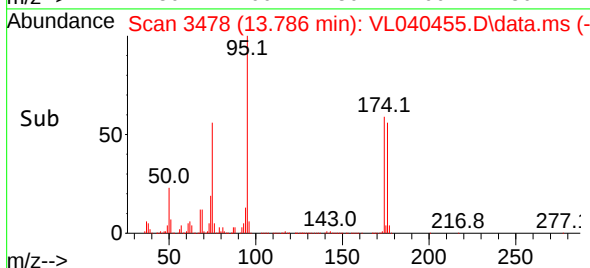
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

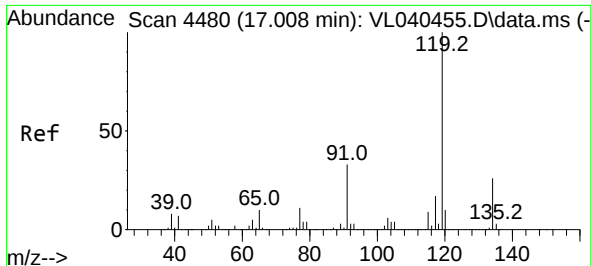


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.119 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.000 min
 Lab File: VL040455.D
 Acq: 5 Jun 2023 14:07



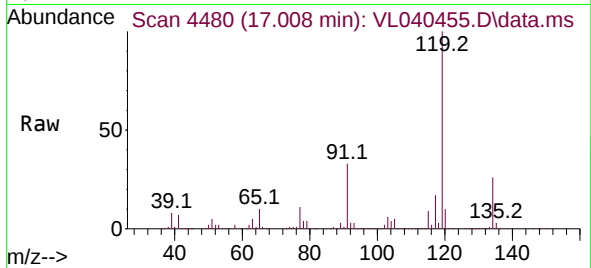
Tgt Ion: 95 Resp: 2167517
 Ion Ratio Lower Upper
 95 100
 174 59.6 47.7 71.5
 175 4.4 3.5 5.3





#69
p-Isopropyltoluene
Concen: 10.358 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

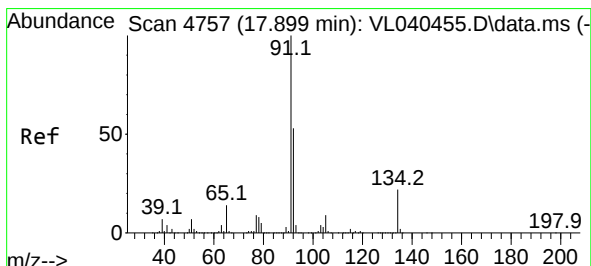
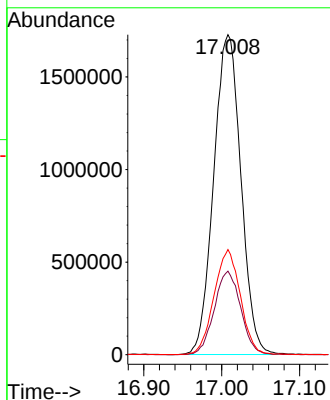
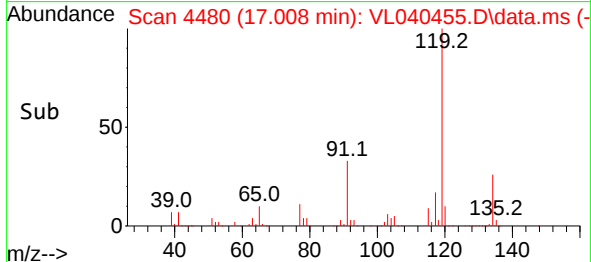
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



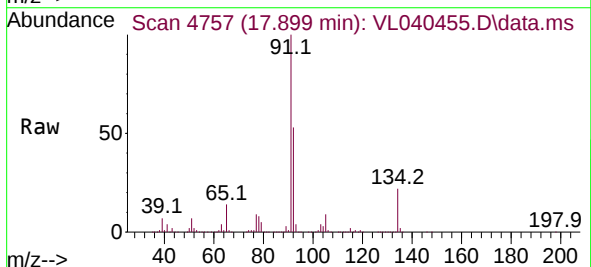
Tgt Ion: 119 Resp: 4194099
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 31.9 25.5 38.3

Manual Integrations
APPROVED

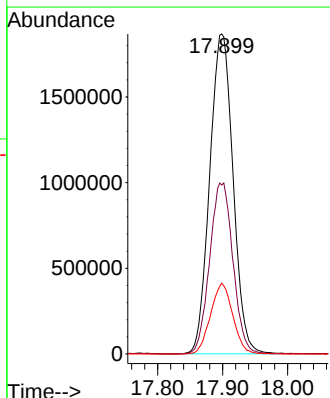
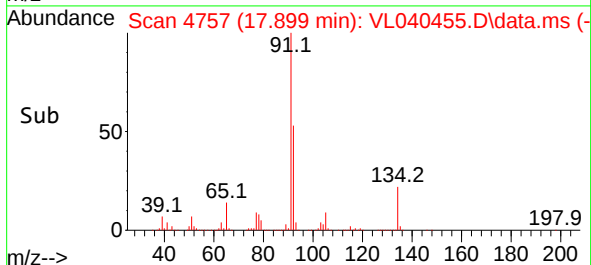
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

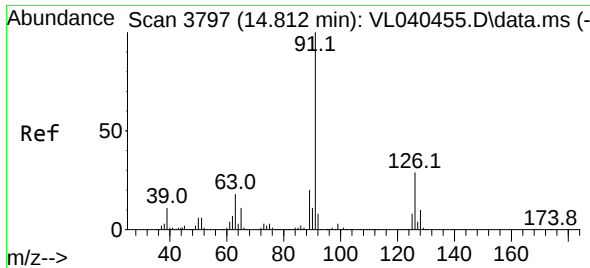


#70
n-Butylbenzene
Concen: 10.301 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07



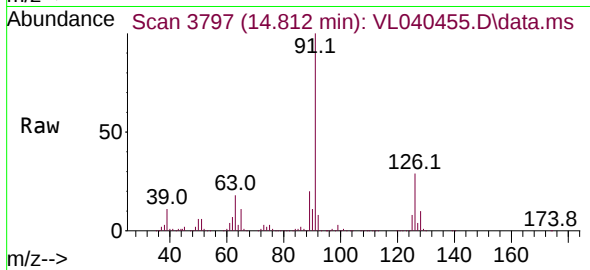
Tgt Ion: 91 Resp: 4658902
Ion Ratio Lower Upper
91 100
92 53.4 42.7 64.1
134 21.1 16.9 25.3





#71
2-Chlorotoluene
Concen: 10.500 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

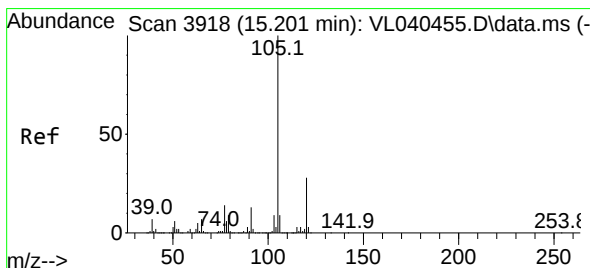
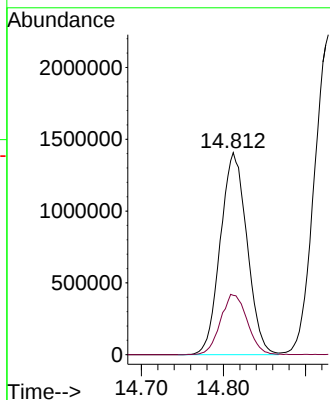
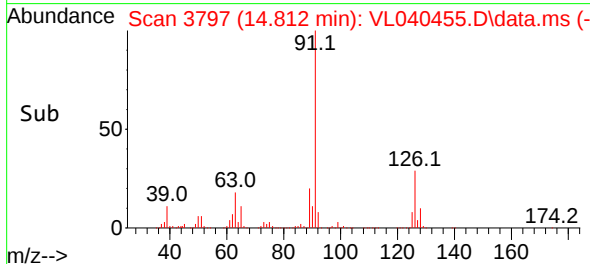
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



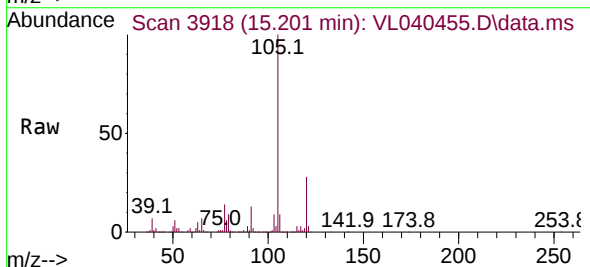
Tgt Ion: 91 Resp: 3176979
Ion Ratio Lower Upper
91 100
126 30.1 12.0 48.2

Manual Integrations
APPROVED

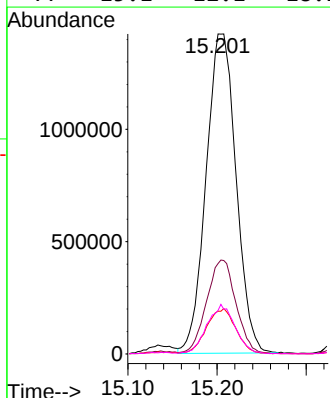
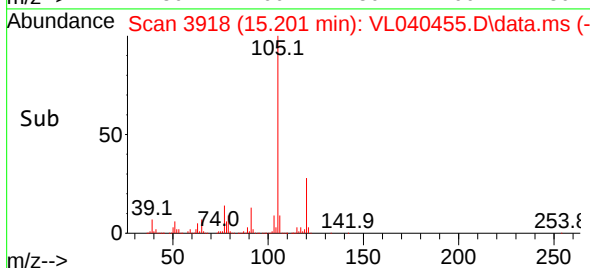
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

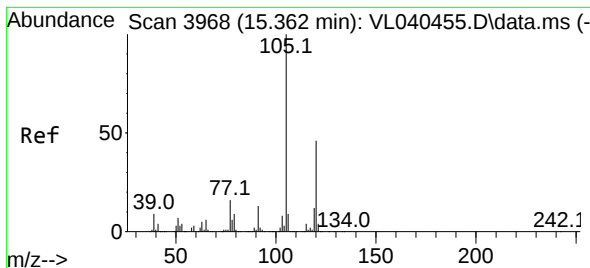


#72
4-Ethyltoluene
Concen: 10.784 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07



Tgt Ion:105 Resp: 3329357
Ion Ratio Lower Upper
105 100
120 29.2 23.4 35.0
91 13.9 11.1 16.7
77 15.1 12.1 18.1





#73

1,3,5-Trimethylbenzene

Concen: 10.557 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. 0.000 min

Lab File: VL040455.D

Acq: 5 Jun 2023 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 2880748

Ion Ratio Lower Upper

105 100

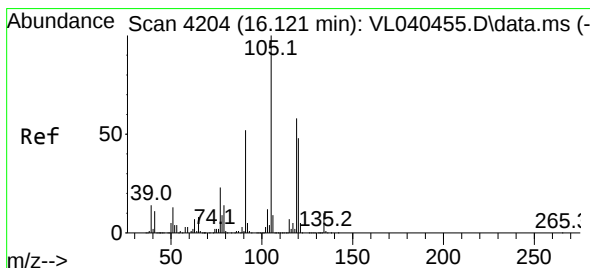
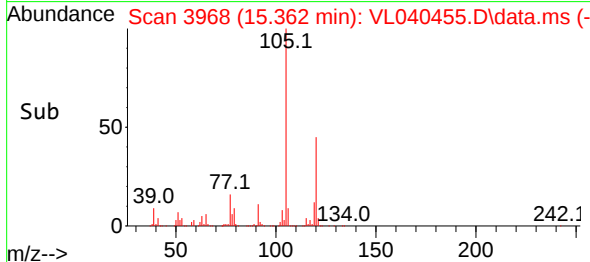
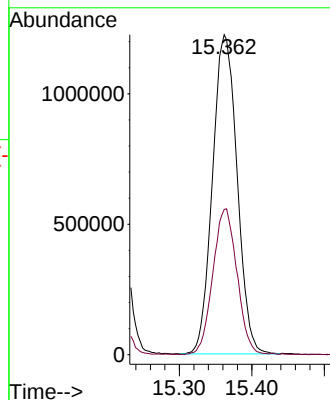
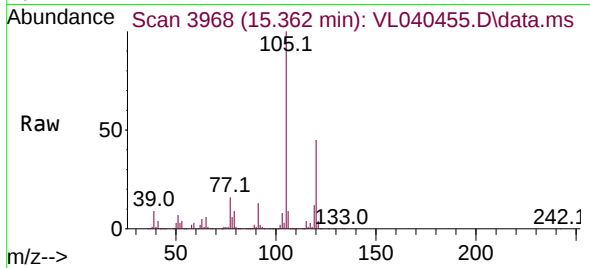
120 45.5 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.080 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. 0.000 min

Lab File: VL040455.D

Acq: 5 Jun 2023 14:07

Tgt Ion:105 Resp: 3235965

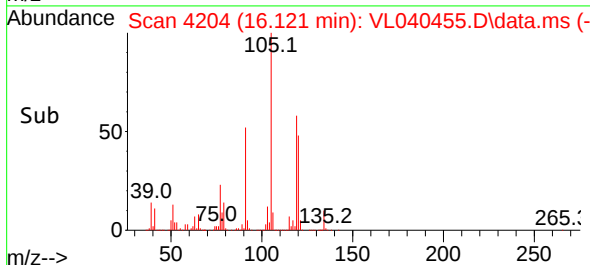
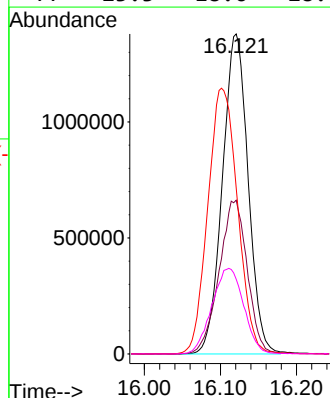
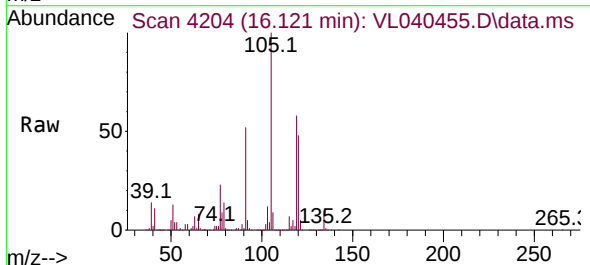
Ion Ratio Lower Upper

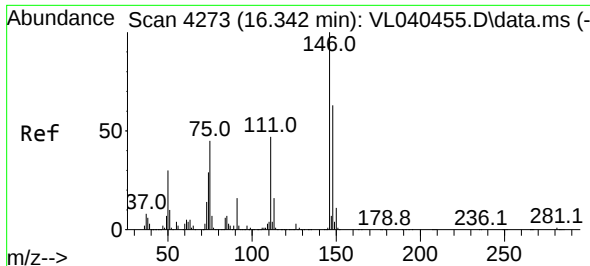
105 100

120 48.0 38.4 57.6

91 51.6 41.3 61.9

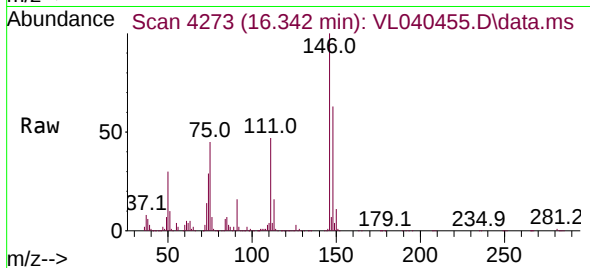
77 23.3 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 10.002 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

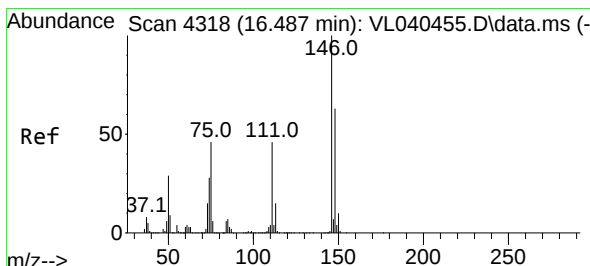
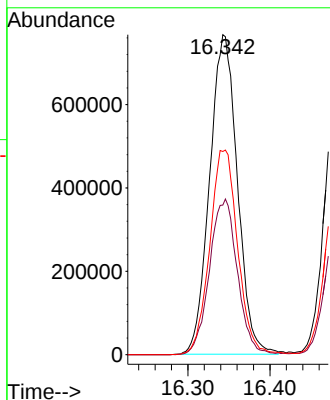
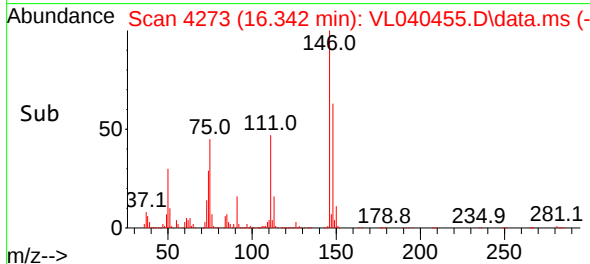
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



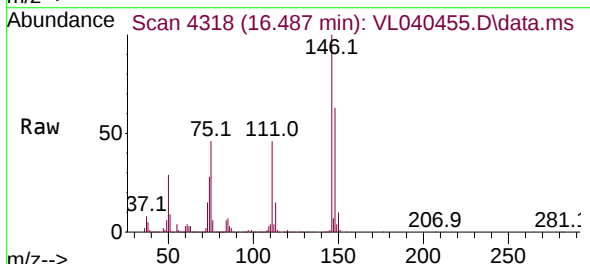
Tgt Ion:146 Resp: 1797052
Ion Ratio Lower Upper
146 100
111 49.2 24.6 73.8
148 64.8 32.4 97.2

Manual Integrations
APPROVED

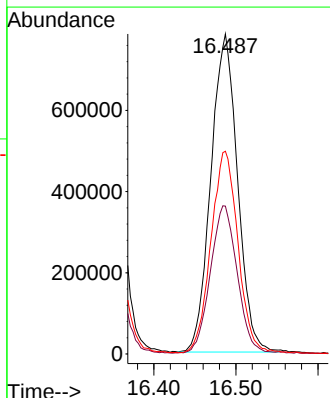
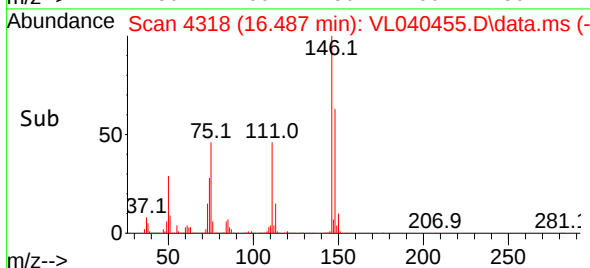
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

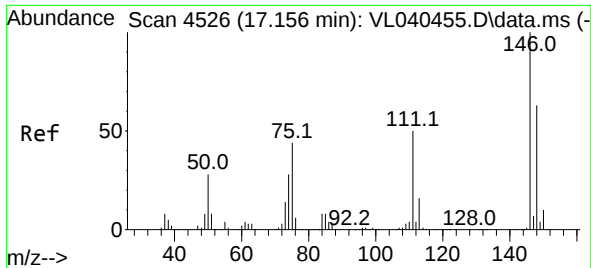


#76
1,4-Dichlorobenzene
Concen: 9.957 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07



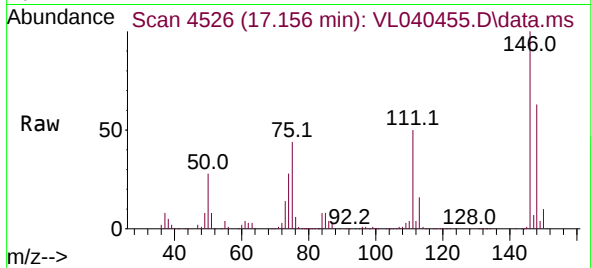
Tgt Ion:146 Resp: 1771611
Ion Ratio Lower Upper
146 100
111 47.7 23.8 71.5
148 65.7 32.9 98.6





#77
1,2-Dichlorobenzene
Concen: 9.775 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

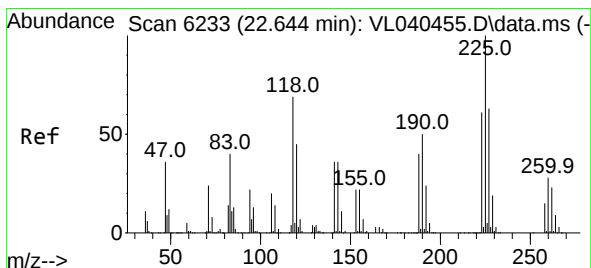
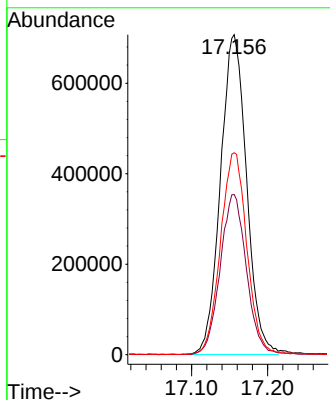
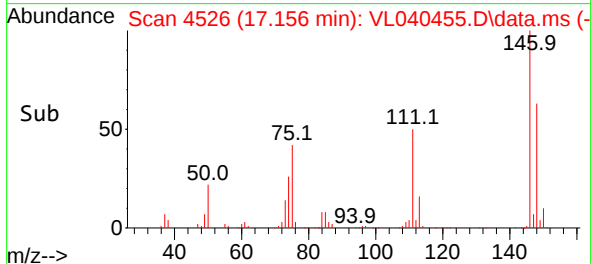
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



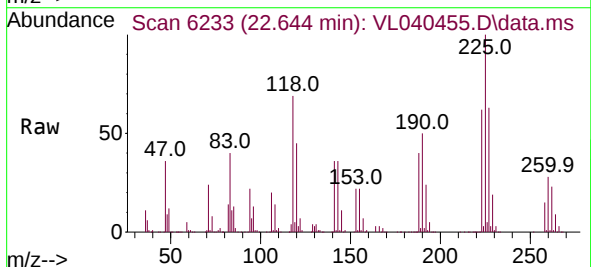
Tgt Ion:146 Resp: 168387
Ion Ratio Lower Upper
146 100
111 50.2 25.1 75.3
148 64.1 32.0 96.2

Manual Integrations
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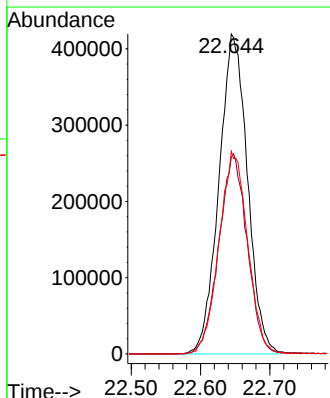
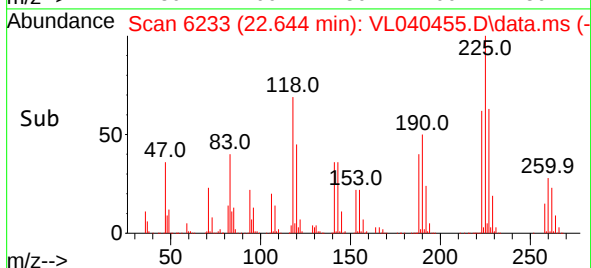
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

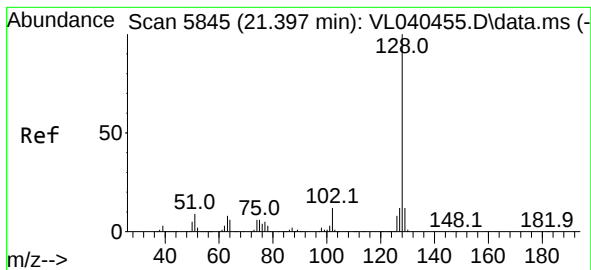


#78
Hexachloro-1,3-Butadiene
Concen: 9.091 ppbv
RT: 22.644 min Scan# 6233
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07



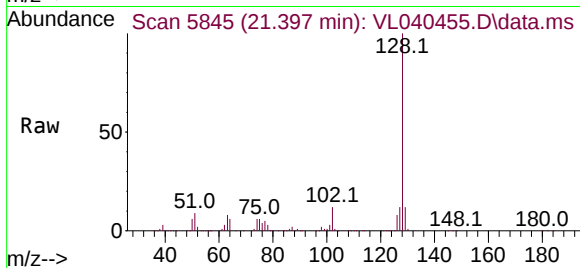
Tgt Ion:225 Resp: 1196850
Ion Ratio Lower Upper
225 100
223 62.5 50.0 75.0
227 63.6 50.9 76.3





#79
Naphthalene
Concen: 13.042 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

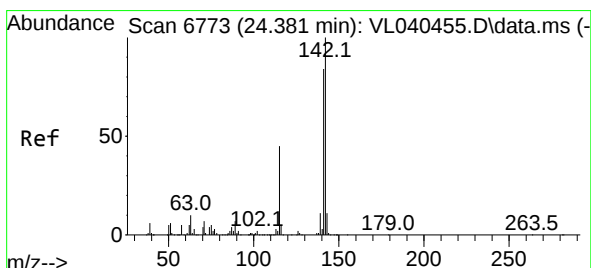
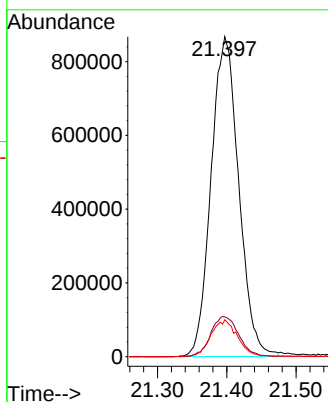
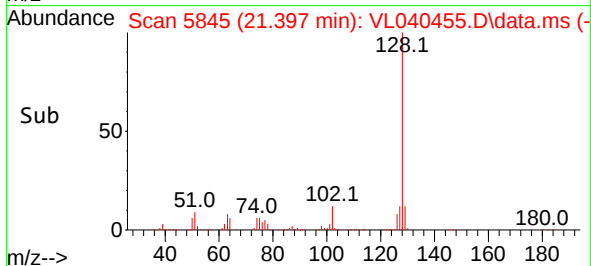
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



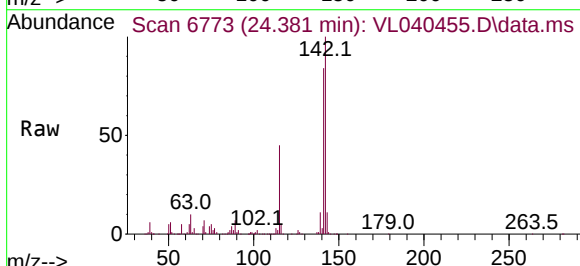
Tgt Ion:128 Resp: 240119
Ion Ratio Lower Upper
128 100
127 12.4 9.9 14.9
129 11.5 9.2 13.8

Manual Integrations
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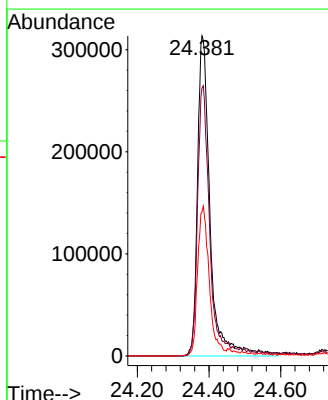
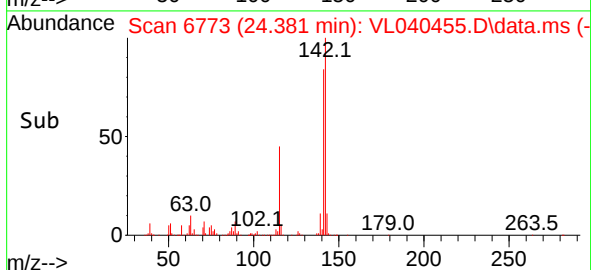
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

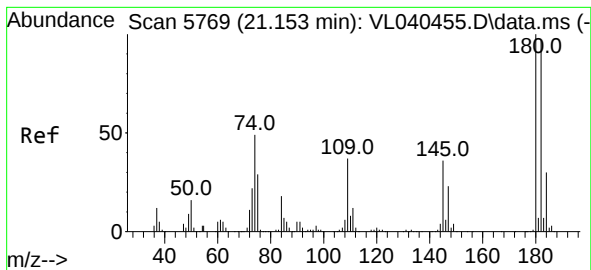


#80
Naphthalene,2-methyl-
Concen: 14.750 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07



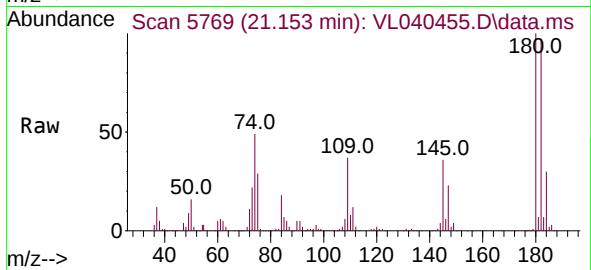
Tgt Ion:142 Resp: 763730
Ion Ratio Lower Upper
142 100
141 81.7 65.4 98.0
115 45.8 36.6 55.0





#81
1,2,4-Trichlorobenzene
Concen: 10.626 ppbv
RT: 21.153 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL040455.D
Acq: 5 Jun 2023 14:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 1356215
Ion Ratio Lower Upper
180 100
182 96.5 77.2 115.8
184 30.5 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

