

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041352.D
 Acq On : 26 Jun 2024 8:52
 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 06/27/2024
 Supervised By : Mahesh Dadoda 06/27/2024

Quant Time: Jun 26 09:45:59 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1132523	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2966888	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2859012	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 2125061 9.627 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	1616813	8.940	ppbv	99
3) Chlorodifluoromethane	2.674	51	1651022	9.225	ppbv	99
4) Chloromethane	2.816	50	643574	9.554	ppbv	100
5) Vinyl Chloride	2.922	62	670057	9.874	ppbv	96
6) Bromomethane	3.121	94	227907	9.445	ppbv	90
7) Chloroethane	3.201	64	225384	9.647	ppbv	92
8) Dichlorotetrafluoroethane	2.857	85	1600431	9.622	ppbv	97
9) Propene	2.693	41	578612	9.077	ppbv	99
10) Heptane	7.594	43	1406870	9.311	ppbv	97
11) Trichlorofluoromethane	3.568	101	1614273	9.710	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.070	101	1129834	9.621	ppbv	97
13) Ethanol	3.250	45	127882m	7.711	ppbv	
14) Bromoethene	3.369	108	480398	10.108	ppbv	99
15) Acetone	3.472	43	1210430	9.361	ppbv	99
16) 1,3-Butadiene	2.986	39	675833	10.397	ppbv	100
17) tert-Butyl alcohol	3.886	59	1081178	9.082	ppbv	98
18) 1,1-Dichloroethene	3.886	96	525196	10.484	ppbv	92
19) Isopropyl Alcohol	3.584	45	700286	8.620	ppbv	99
20) Methylene Chloride	3.938	84	426808	9.081	ppbv	96
21) Allyl Chloride	4.002	41	813311	9.928	ppbv	99
22) trans-1,2-Dichloroethene	4.452	96	515481	9.874	ppbv	94
23) Vinyl Acetate	4.636	43	1391441	10.522	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1116956	9.601	ppbv	99
25) Ethyl Acetate	5.214	43	2357976	9.218	ppbv	99
26) Hexane	5.221	57	1060983	9.223	ppbv	97
27) Carbon Disulfide	4.131	76	1363981	10.704	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	794331	9.316	ppbv	98
29) Chloroform	5.285	83	1596016	9.043	ppbv	98
30) Cyclohexane	6.613	84	875677	9.391	ppbv	98
31) cis-1,2-Dichloroethene	5.089	61	1052930	9.686	ppbv	99
32) 1,1,1-Trichloroethane	6.015	97	1599198	9.566	ppbv	100
34) 2-Butanone	4.796	43	1455357	10.239	ppbv	100
35) Carbon Tetrachloride	6.507	117	1657542	9.830	ppbv	97
36) Benzene	6.381	78	2191806	9.531	ppbv	98
37) 1,2-Dichloroethane	5.819	62	1264927	9.435	ppbv	100
38) Trichloroethene	7.307	130	839482	9.008	ppbv	96
39) 1,2-Dichloropropane	7.089	63	840834	9.182	ppbv	96
40) 1,4-Dioxane	7.298	88	237907	7.094	ppbv #	1
41) Tetrahydrofuran	5.565	42	912778	9.870	ppbv	99
42) Bromodichloromethane	7.266	83	1787582	9.283	ppbv	98
43) Methyl Methacrylate	7.487	69	879859	10.042	ppbv	99
44) 2,2,4-Trimethylpentane	7.340	57	3657322	9.247	ppbv	99
45) t-1,3-Dichloropropene	8.725	75	603609	10.209	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041352.D
 Acq On : 26 Jun 2024 8:52
 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 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

Quant Time: Jun 26 09:45:59 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	758294	9.964	ppbv	97
47) 1,1,2-Trichloroethane	8.912	97	894380	9.347	ppbv	97
48) Dibromochloromethane	9.729	129	1519271	9.634	ppbv	98
49) Bromoform	12.423	173	1242320	9.776	ppbv	98
50) 4-Methyl-2-Pentanone	8.195	43	2285377	9.713	ppbv	100
51) 2-Hexanone	9.568	43	1632814	9.764	ppbv #	99
52) Tetrachloroethene	10.632	164	779743	9.298	ppbv	99
53) Toluene	9.237	91	2573407	9.729	ppbv	99
54) 1,2-Dibromoethane	10.028	107	1184946	9.499	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.526	131	1107423	9.158	ppbv	99
57) Chlorobenzene	11.545	112	1898524	8.940	ppbv	99
58) Ethyl Benzene	12.105	91	3383570	9.233	ppbv	100
59) m/p-Xylene	12.384	91	5824158m	18.549	ppbv	
60) o-Xylene	13.076	91	2709879	9.053	ppbv	99
61) Styrene	12.915	104	1470875	10.023	ppbv	98
62) Isopropylbenzene	14.044	105	4115995	9.092	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.066	83	1934570	9.084	ppbv	99
64) n-propylbenzene	14.934	120	1096452	9.397	ppbv	98
65) tert-Butylbenzene	16.108	119	3660050	9.094	ppbv	99
66) Benzyl Chloride	16.342	91	255013	9.631	ppbv	95
67) sec-Butylbenzene	16.654	105	5191541	9.131	ppbv	100
69) p-Isopropyltoluene	17.014	119	4352908	9.290	ppbv	99
70) n-Butylbenzene	17.902	91	4537643	9.335	ppbv	100
71) 2-Chlorotoluene	14.818	91	3118670	9.001	ppbv	98
72) 4-Ethyltoluene	15.211	105	3285175	9.421	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2869895	9.482	ppbv	99
74) 1,2,4-Trimethylbenzene	16.127	105	3187317	9.312	ppbv	98
75) 1,3-Dichlorobenzene	16.349	146	1883920	9.376	ppbv	100
76) 1,4-Dichlorobenzene	16.490	146	1864089	9.284	ppbv	99
77) 1,2-Dichlorobenzene	17.159	146	1852808	9.211	ppbv	100
78) Hexachloro-1,3-Butadiene	22.661	225	1210089	7.341	ppbv	99
79) Naphthalene	21.413	128	2266201	7.630	ppbv	99
80) Naphthalene,2-methyl-	24.390	142	5786m	0.058	ppbv	
81) 1,2,4-Trichlorobenzene	21.172	180	1203250	7.265	ppbv #	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041352.D
 Acq On : 26 Jun 2024 8:52
 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 06/27/2024
 Supervised By : Mahesh Dadoda 06/27/2024

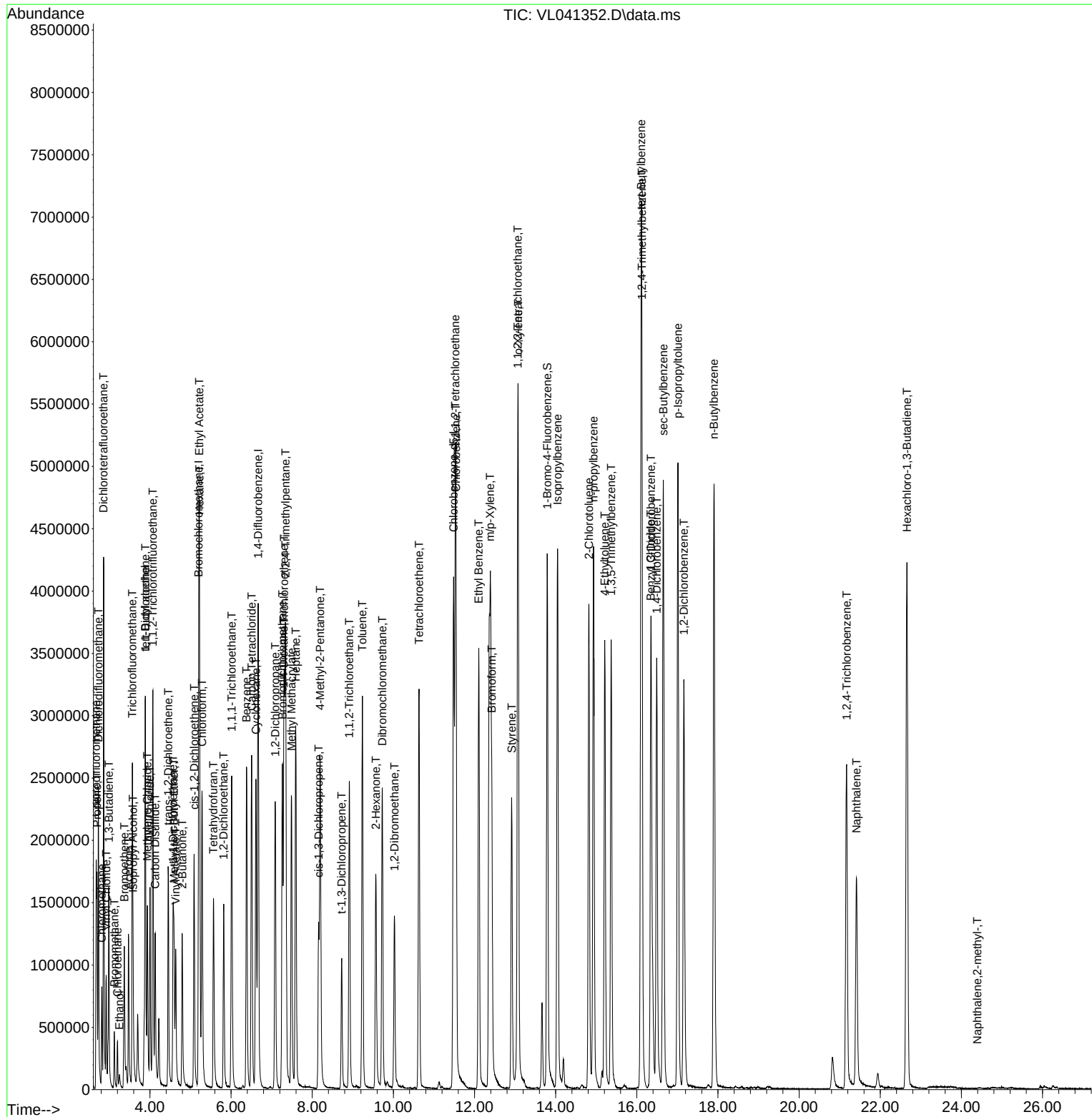
Quant Time: Jun 26 09:45:59 2024

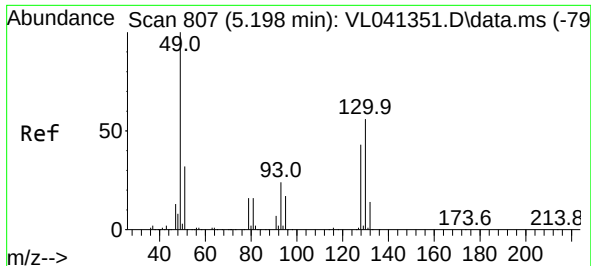
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Wed Jun 12 01:18:29 2024

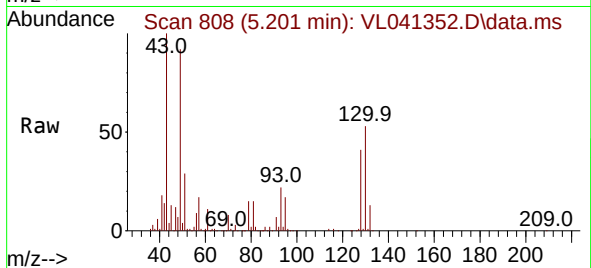
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

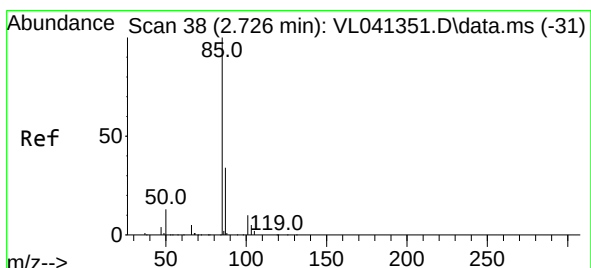
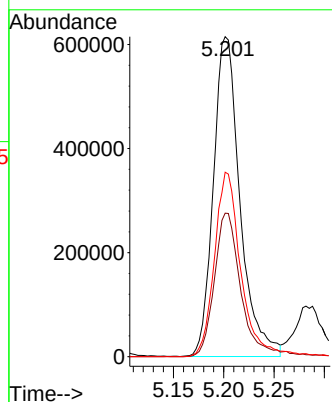
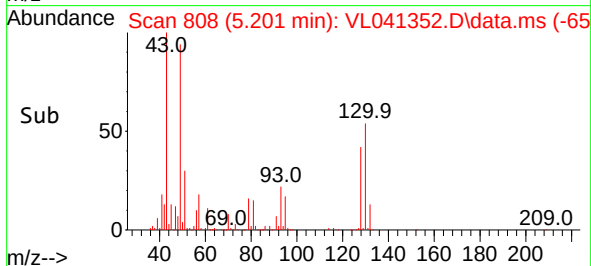
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 49 Resp: 113252
Ion Ratio Lower Upper
49 100
128 45.5 22.8 68.3
130 57.8 28.4 85.3

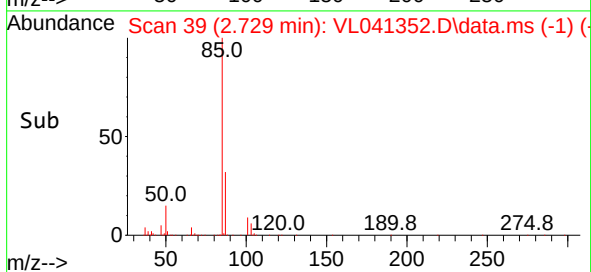
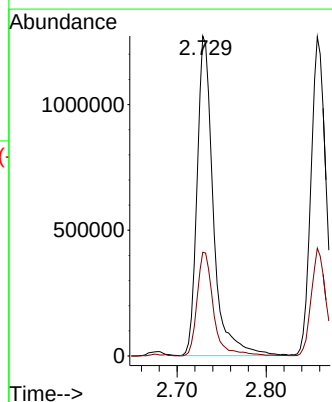
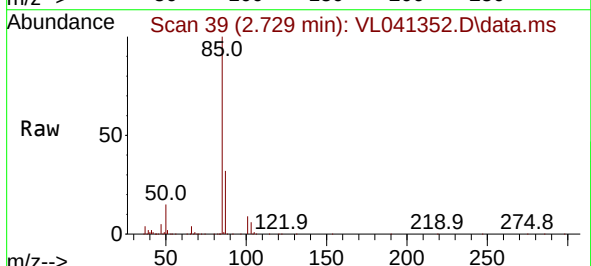
Manual Integrations
APPROVED

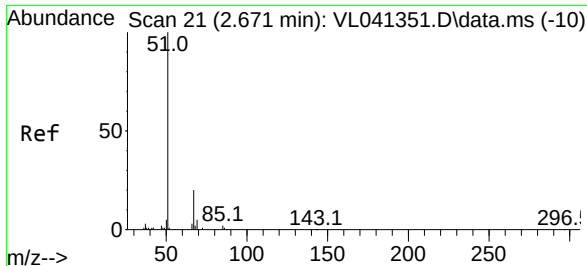
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#2
Dichlorodifluoromethane
Concen: 8.940 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.029 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

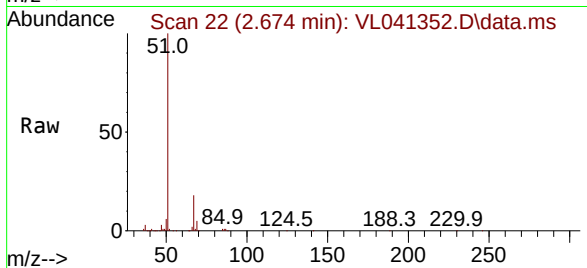
Tgt Ion: 85 Resp: 1616813
Ion Ratio Lower Upper
85 100
87 32.4 26.5 39.7





#3
Chlorodifluoromethane
Concen: 9.225 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

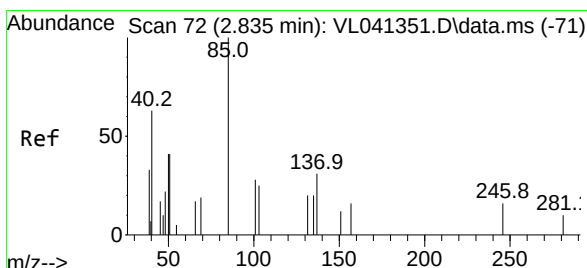
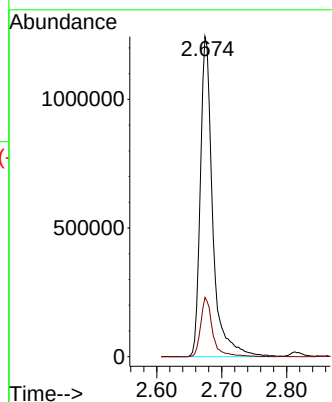
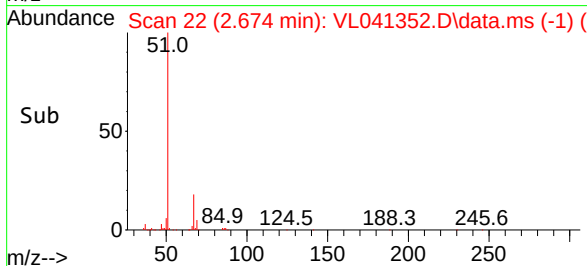
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 51 Resp: 165102
Ion Ratio Lower Upper
51 100
67 17.9 14.7 22.1

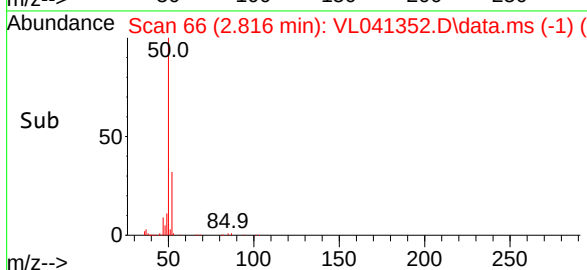
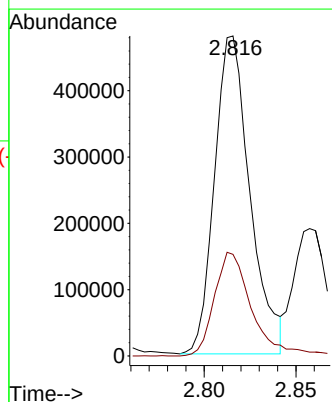
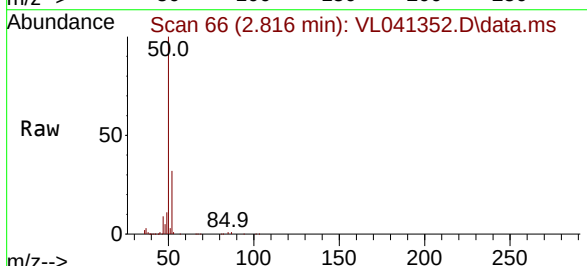
Manual Integrations
APPROVED

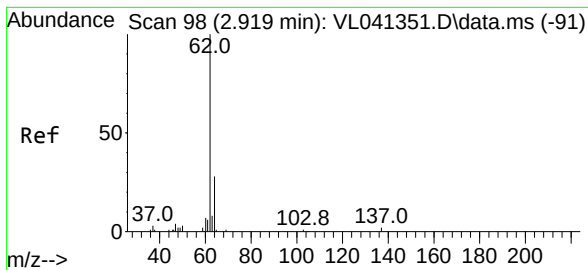
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#4
Chloromethane
Concen: 9.554 ppbv
RT: 2.816 min Scan# 66
Delta R.T. -0.023 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 50 Resp: 643574
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4





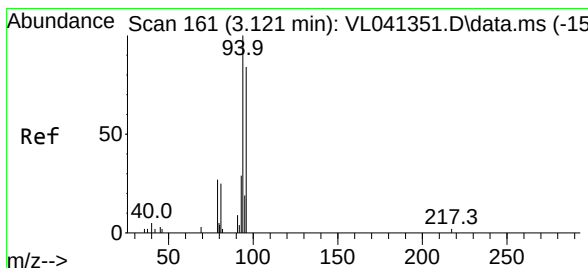
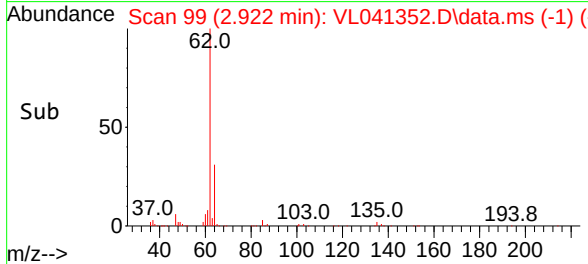
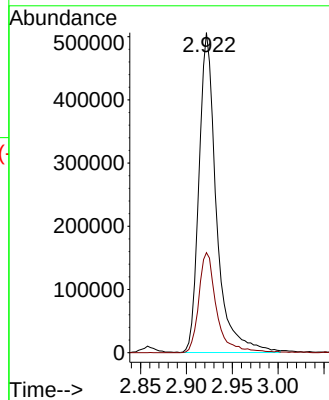
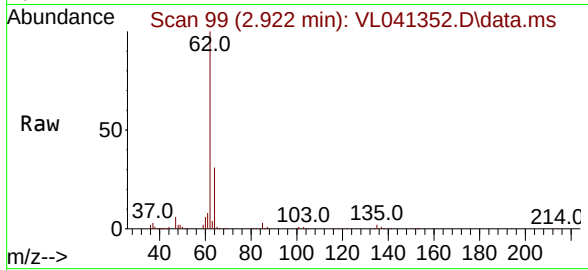
#5
 Vinyl Chloride
 Concen: 9.874 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. -0.023 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 62 Resp: 67005
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.6 40.0

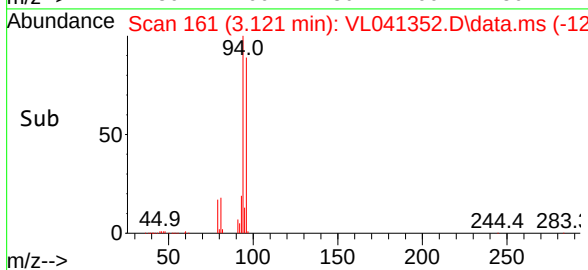
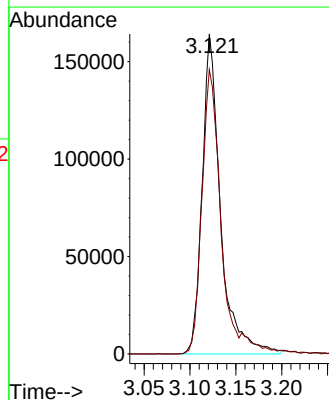
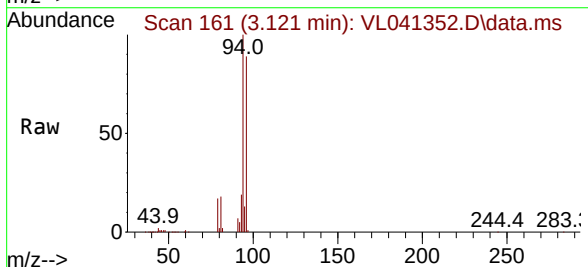
Manual Integrations
 APPROVED

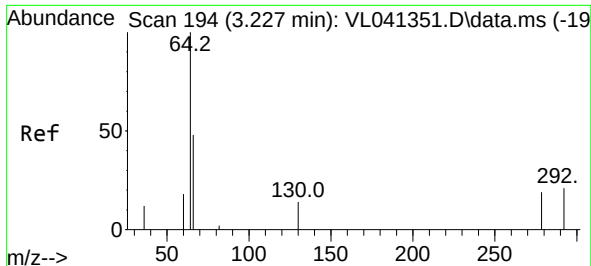
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#6
 Bromomethane
 Concen: 9.445 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. -0.023 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

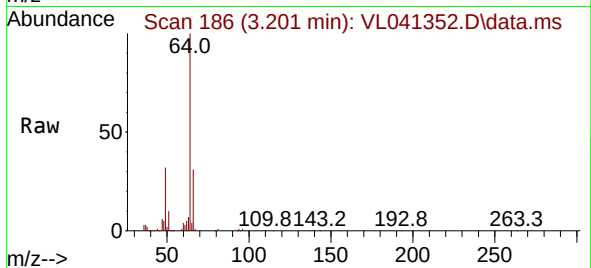
Tgt Ion: 94 Resp: 227907
 Ion Ratio Lower Upper
 94 100
 96 88.7 78.6 117.8





#7
Chloroethane
Concen: 9.647 ppbv
RT: 3.201 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

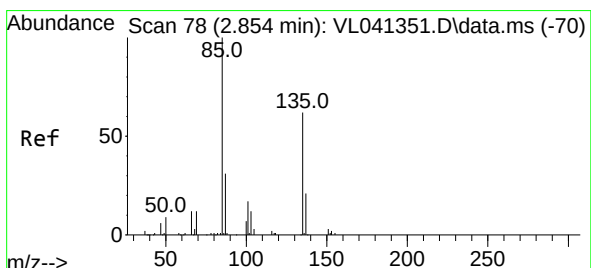
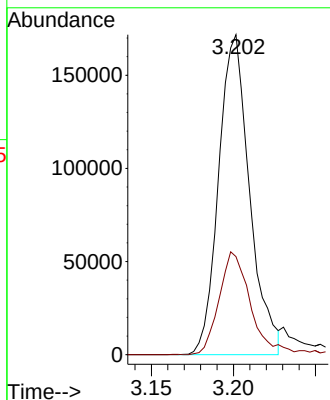
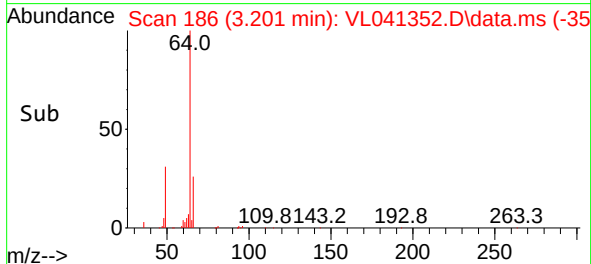
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 225384
Ion Ratio Lower Upper
64 100
66 30.7 28.1 42.1

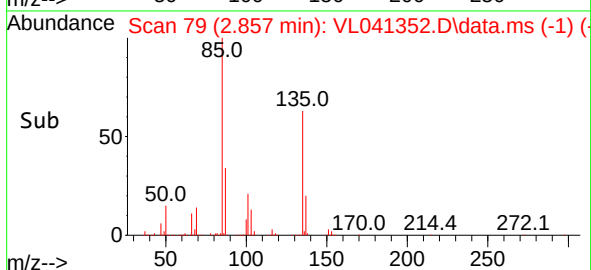
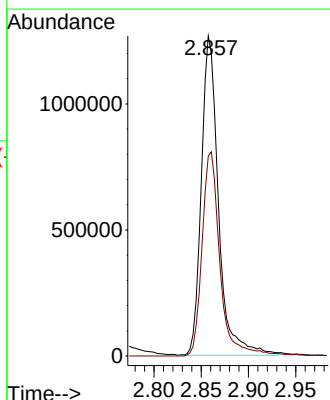
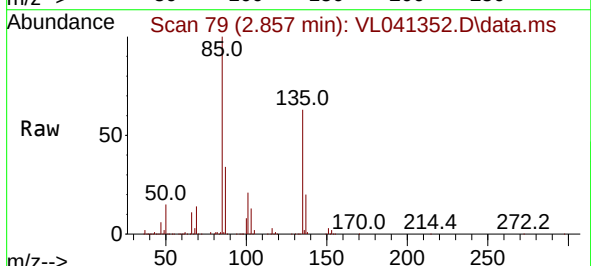
Manual Integrations
APPROVED

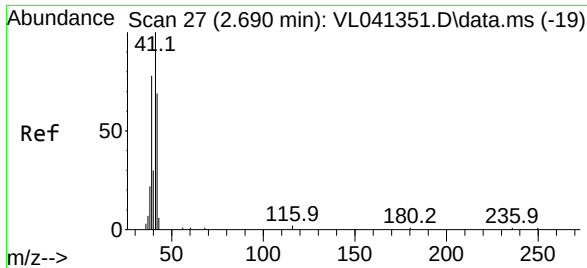
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#8
Dichlorotetrafluoroethane
Concen: 9.622 ppbv
RT: 2.857 min Scan# 79
Delta R.T. -0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 85 Resp: 1600431
Ion Ratio Lower Upper
85 100
135 67.1 51.7 77.5





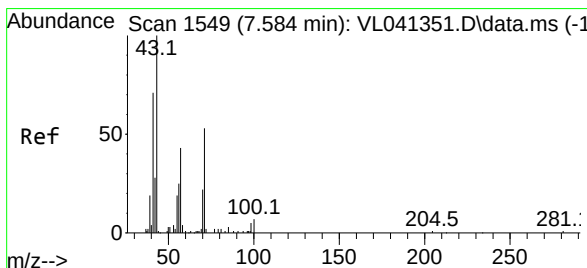
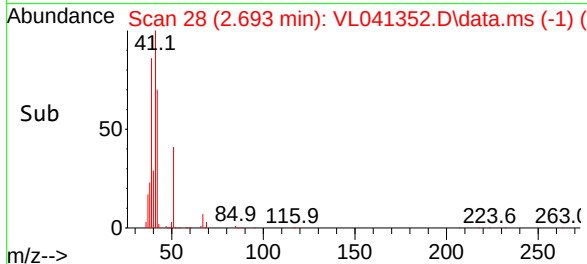
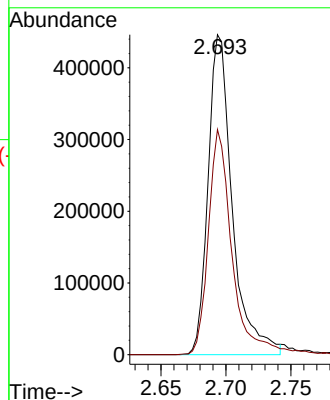
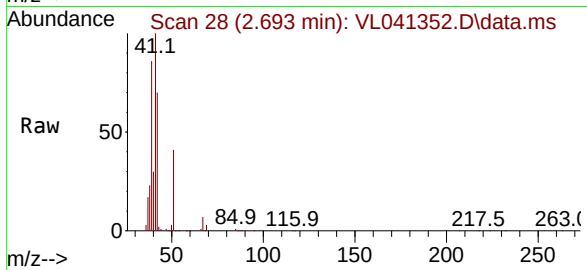
#9
 Propene
 Concen: 9.077 ppbv
 RT: 2.693 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 578612
 Ion Ratio Lower Upper
 41 100
 42 69.8 55.2 82.8

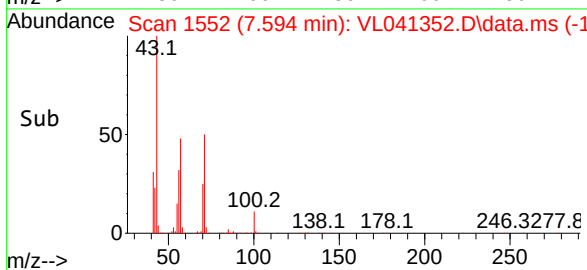
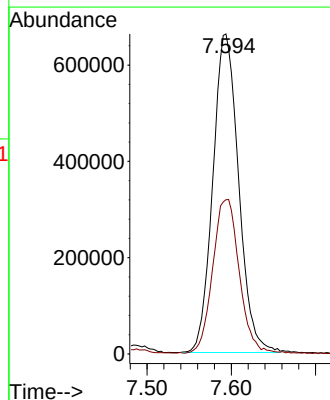
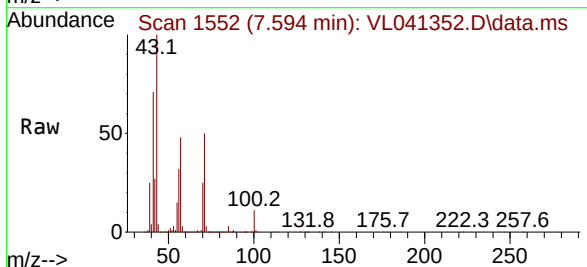
Manual Integrations
 APPROVED

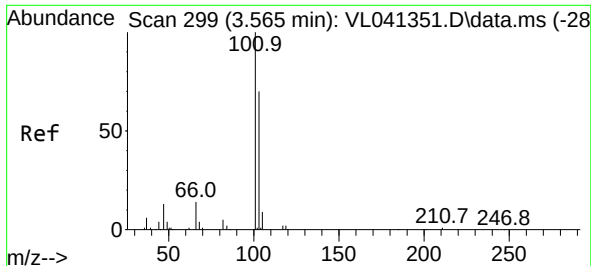
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#10
 Heptane
 Concen: 9.311 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. 0.013 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

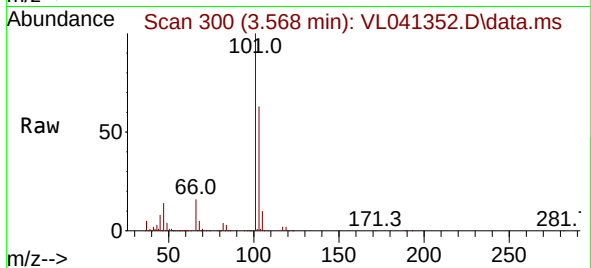
Tgt Ion: 43 Resp: 1406870
 Ion Ratio Lower Upper
 43 100
 57 50.4 39.0 58.4





#11
Trichlorofluoromethane
Concen: 9.710 ppbv
RT: 3.568 min Scan# 300
Delta R.T. -0.016 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

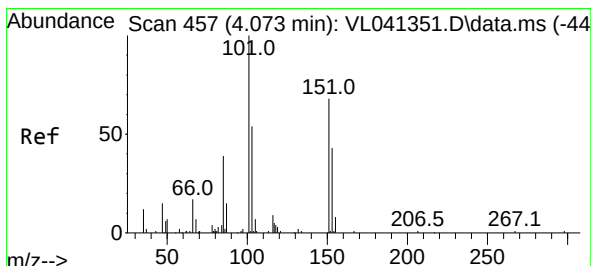
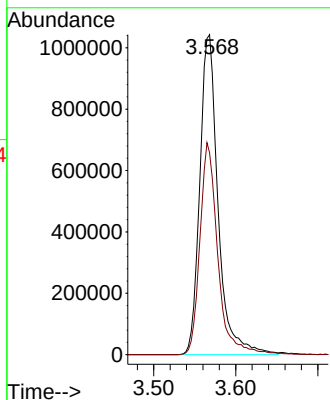
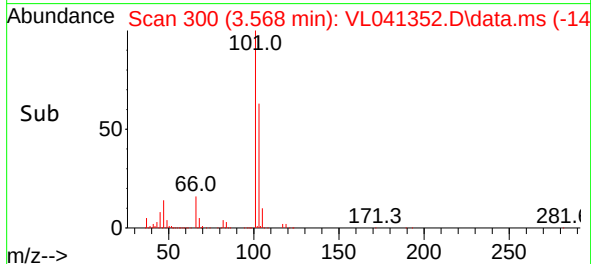
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:101 Resp: 161427
Ion Ratio Lower Upper
101 100
103 63.1 50.6 76.0

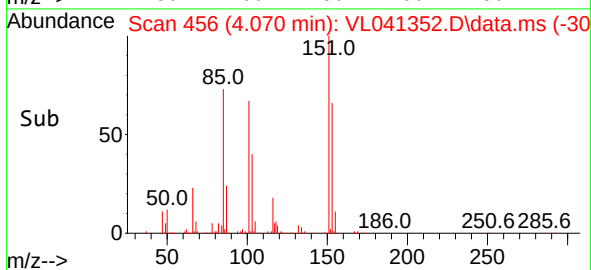
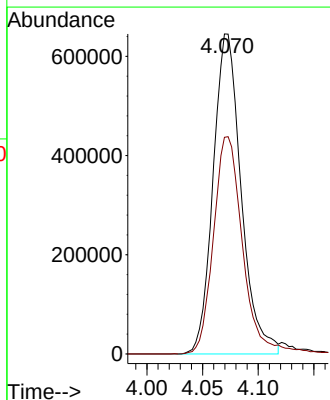
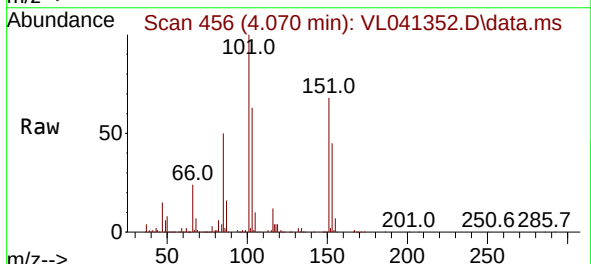
Manual Integrations
APPROVED

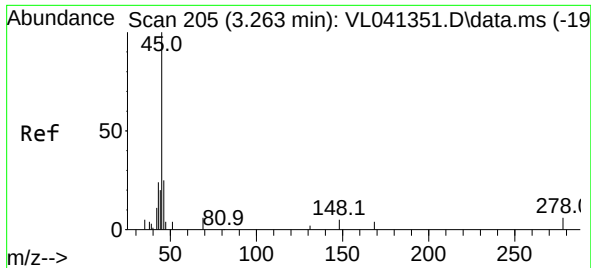
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.621 ppbv
RT: 4.070 min Scan# 456
Delta R.T. -0.013 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

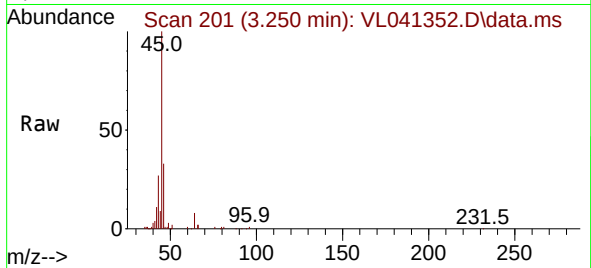
Tgt Ion:101 Resp: 1129834
Ion Ratio Lower Upper
101 100
151 71.3 54.8 82.2





#13
Ethanol
Concen: 7.711 ppbv m
RT: 3.250 min Scan# 205
Delta R.T. -0.013 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

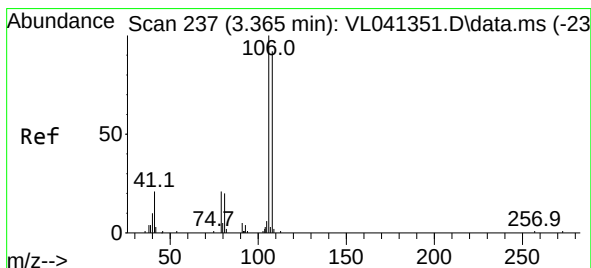
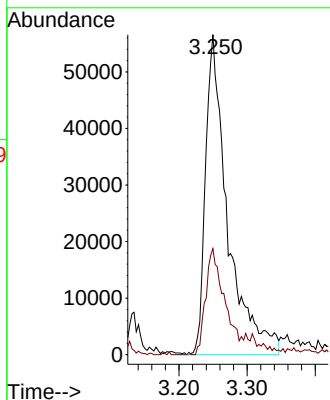
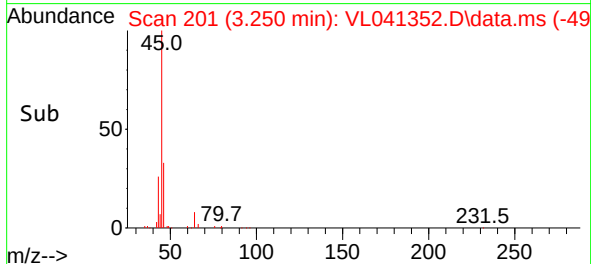
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



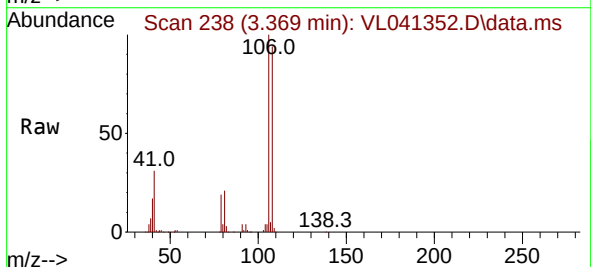
Tgt Ion: 45 Resp: 12788
Ion Ratio Lower Upper
45 100
46 33.3 14.2 56.6

Manual Integrations
APPROVED

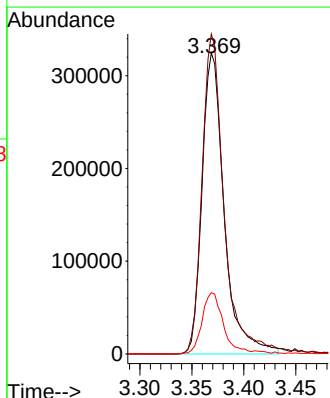
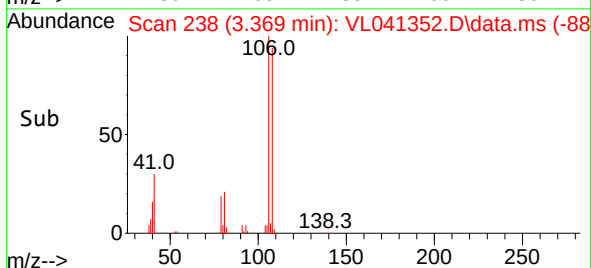
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

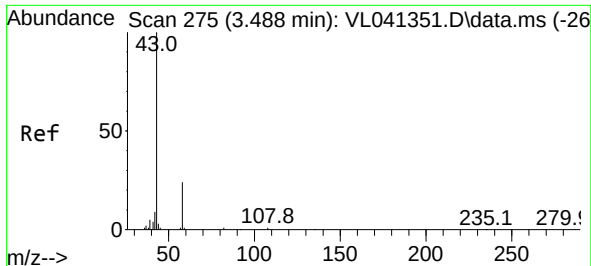


#14
Bromoethene
Concen: 10.108 ppbv
RT: 3.369 min Scan# 238
Delta R.T. -0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52



Tgt Ion:108 Resp: 480398
Ion Ratio Lower Upper
108 100
106 106.9 85.4 128.0
79 20.4 17.8 26.8





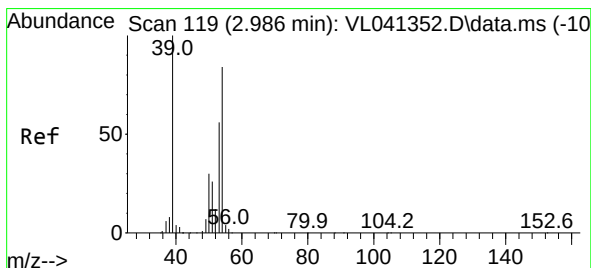
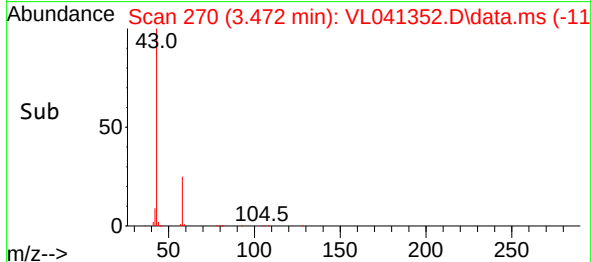
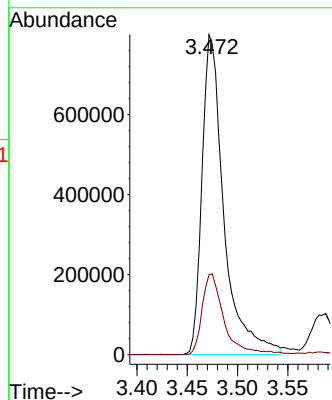
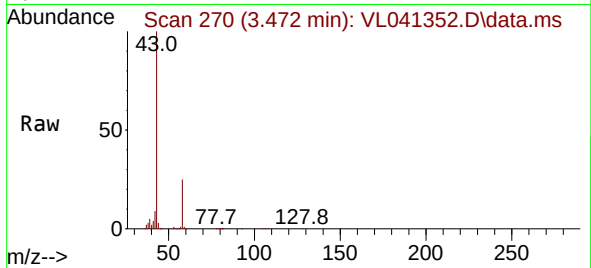
#15
Acetone
Concen: 9.361 ppbv
RT: 3.472 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1210430
Ion Ratio Lower Upper
43 100
58 25.4 20.6 31.0

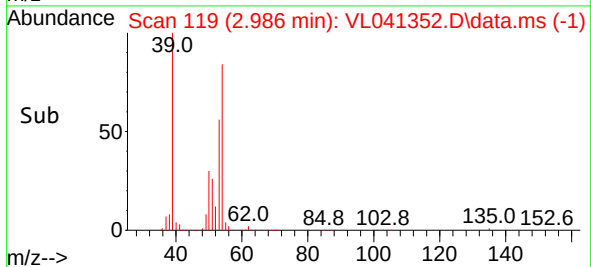
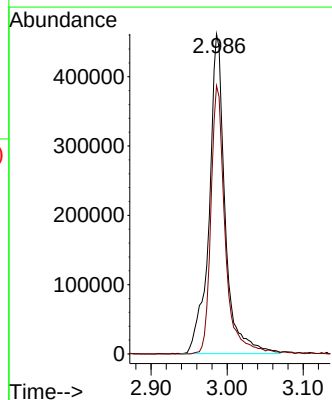
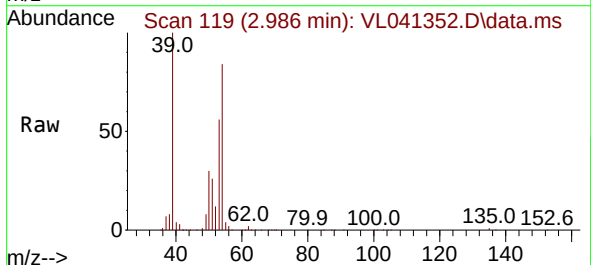
Manual Integrations
APPROVED

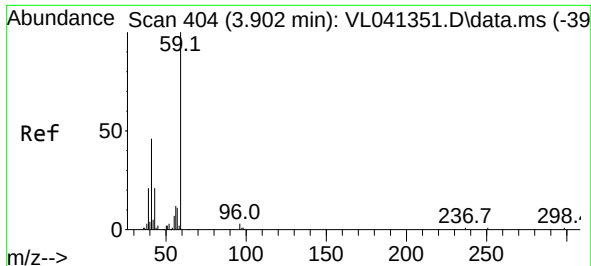
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#16
1,3-Butadiene
Concen: 10.397 ppbv
RT: 2.986 min Scan# 119
Delta R.T. -0.023 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 39 Resp: 675833
Ion Ratio Lower Upper
39 100
54 75.6 60.5 90.7





#17

tert-Butyl alcohol

Concen: 9.082 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.006 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 1081178

Ion Ratio Lower Upper

59 100

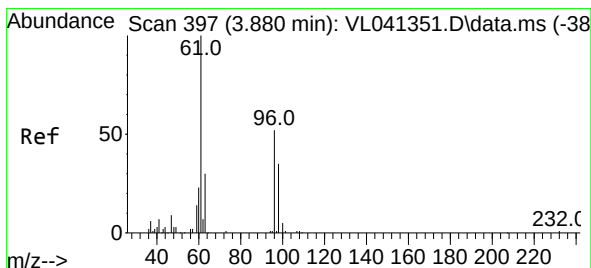
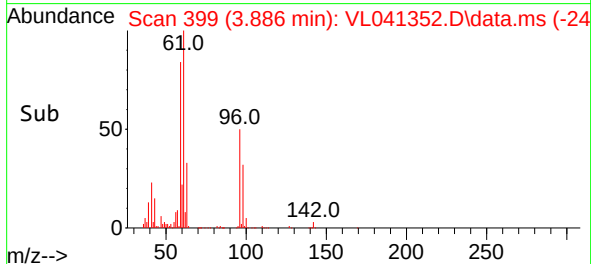
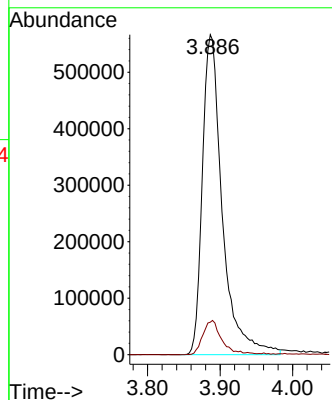
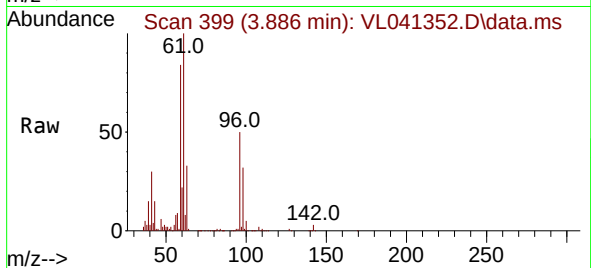
57 10.5 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#18

1,1-Dichloroethene

Concen: 10.484 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.010 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

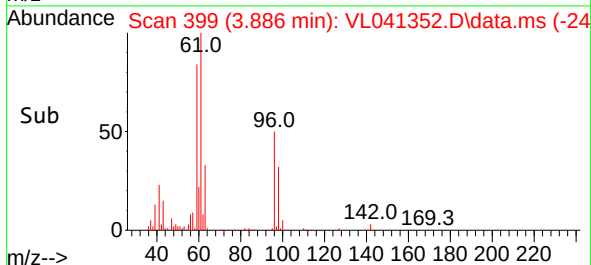
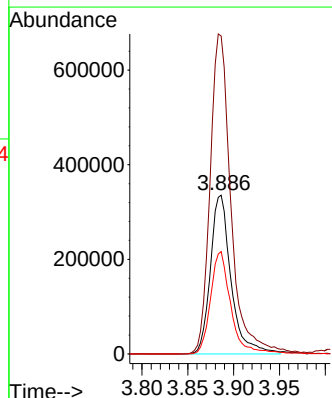
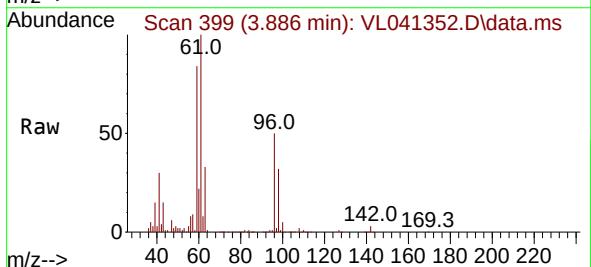
Tgt Ion: 96 Resp: 525196

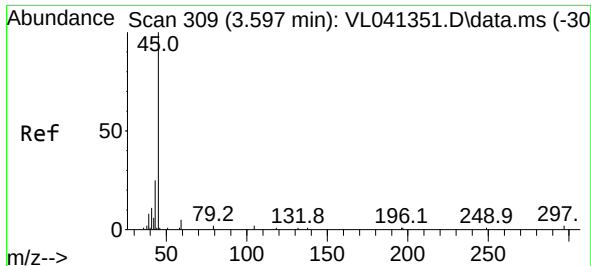
Ion Ratio Lower Upper

96 100

61 200.4 171.8 257.8

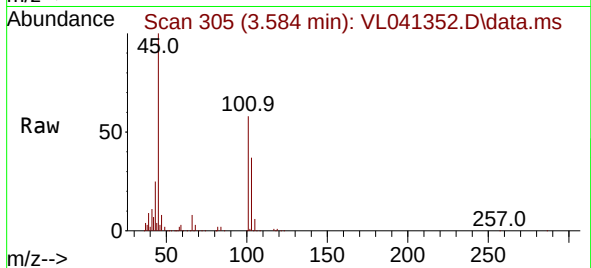
98 64.5 53.1 79.7





#19
Isopropyl Alcohol
Concen: 8.620 ppbv
RT: 3.584 min Scan# 309
Delta R.T. -0.010 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

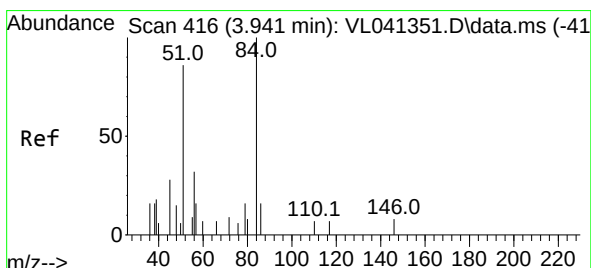
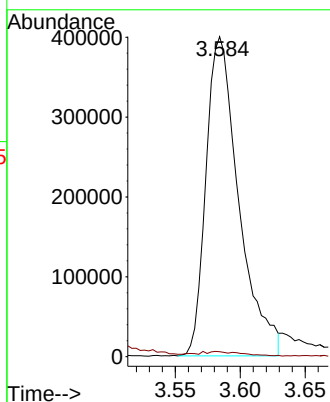
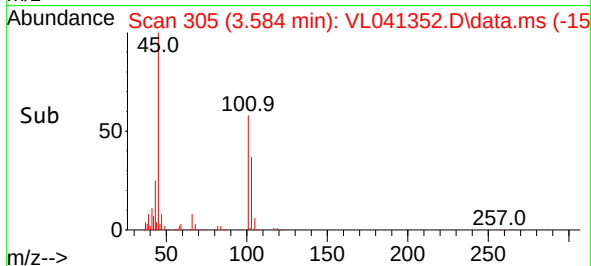
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 45 Resp: 700280
Ion Ratio Lower Upper
45 100
58 2.0 1.4 2.2

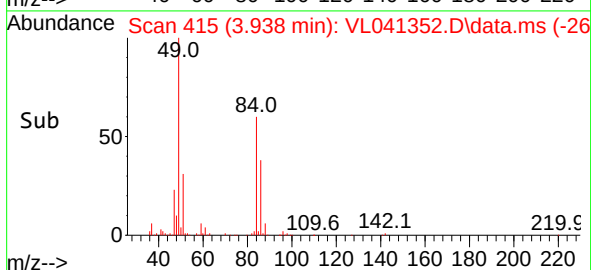
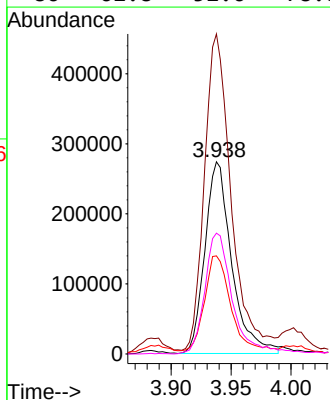
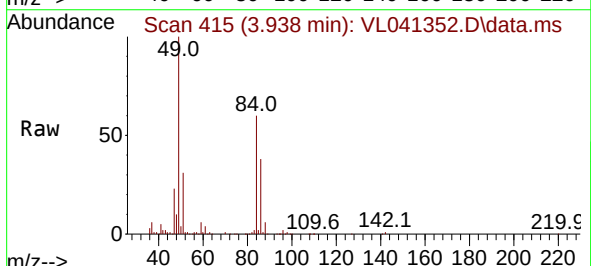
Manual Integrations
APPROVED

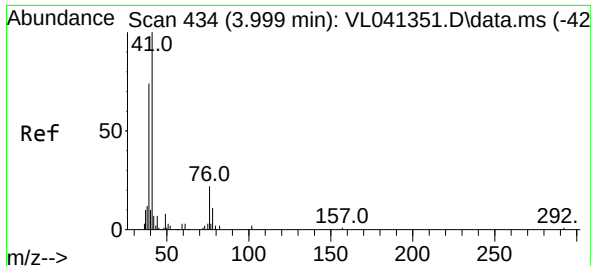
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#20
Methylene Chloride
Concen: 9.081 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.013 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

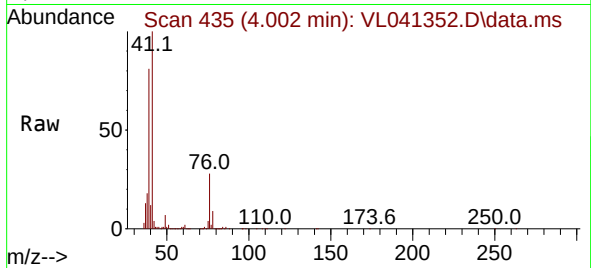
Tgt Ion: 84 Resp: 426808
Ion Ratio Lower Upper
84 100
49 164.7 136.2 204.2
51 49.5 41.9 62.9
86 62.8 52.6 78.8





#21
 Allyl Chloride
 Concen: 9.928 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

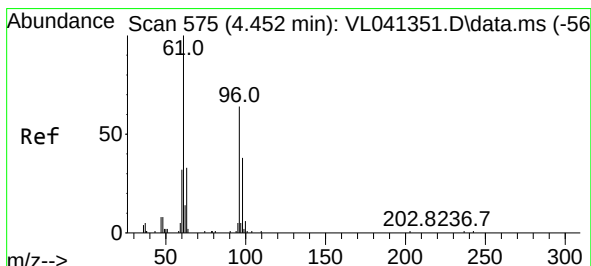
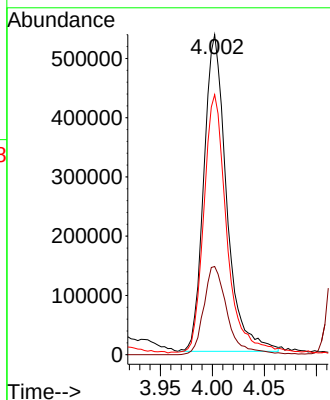
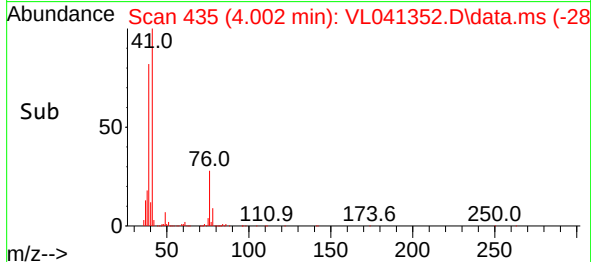
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 81331
 Ion Ratio Lower Upper
 41 100
 76 29.1 22.3 33.5
 39 82.5 66.3 99.5

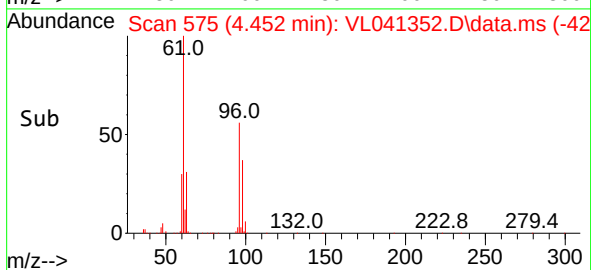
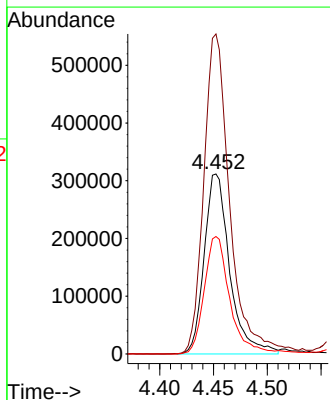
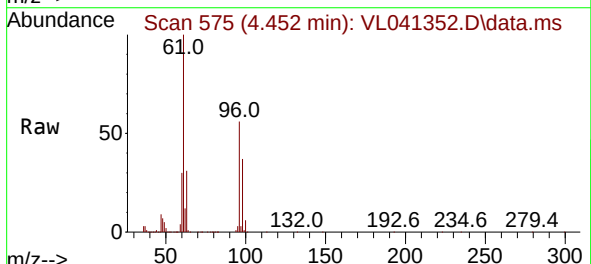
Manual Integrations
 APPROVED

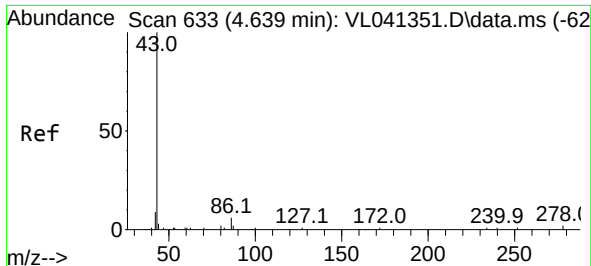
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.874 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. -0.003 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

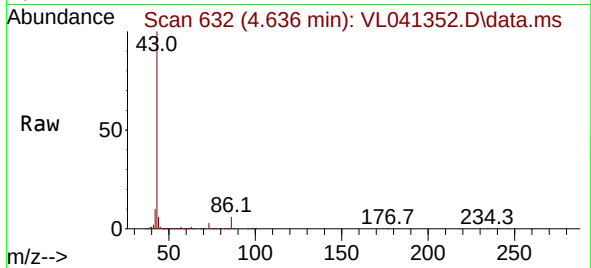
Tgt Ion: 96 Resp: 515481
 Ion Ratio Lower Upper
 96 100
 61 177.5 135.5 203.3
 98 65.2 47.6 71.4





#23
 Vinyl Acetate
 Concen: 10.522 ppbv
 RT: 4.636 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

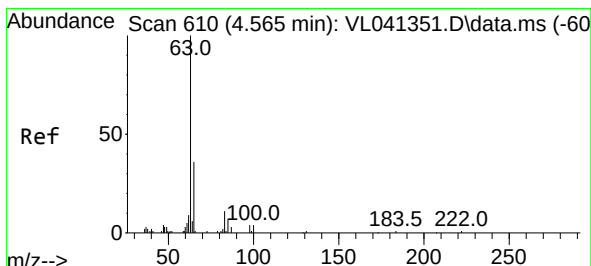
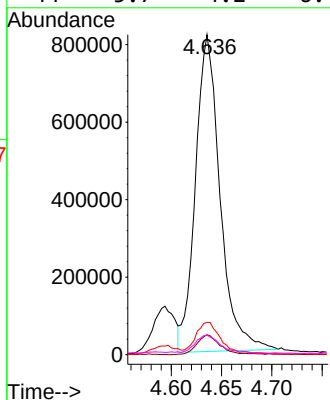
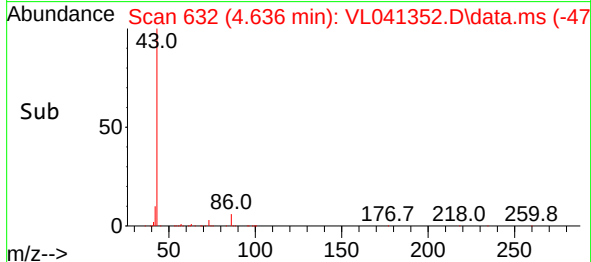


Tgt Ion: 43 Resp: 139144

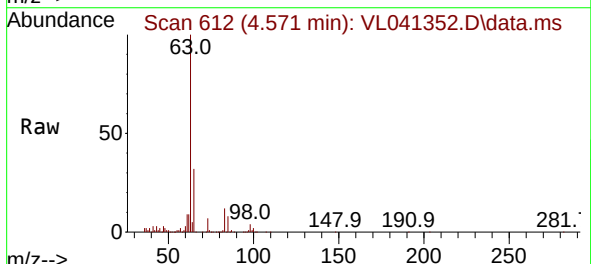
Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.7	7.1
42	9.9	8.0	12.0
44	5.7	4.2	6.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

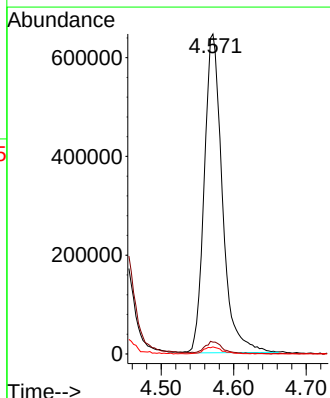
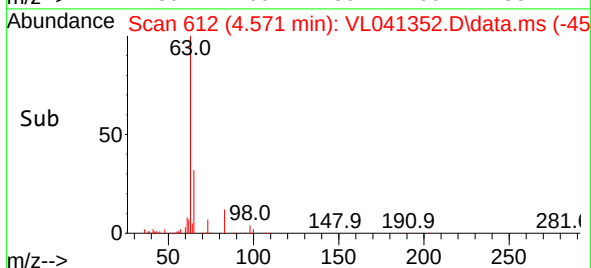


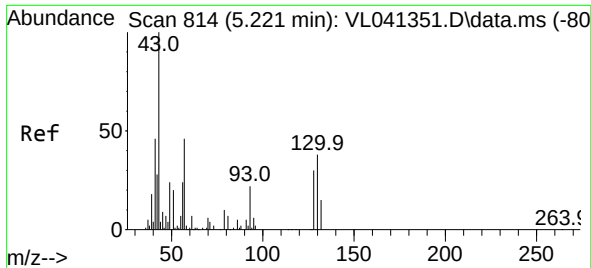
#24
 1,1-Dichloroethane
 Concen: 9.601 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. -0.006 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52



Tgt Ion: 63 Resp: 1116956

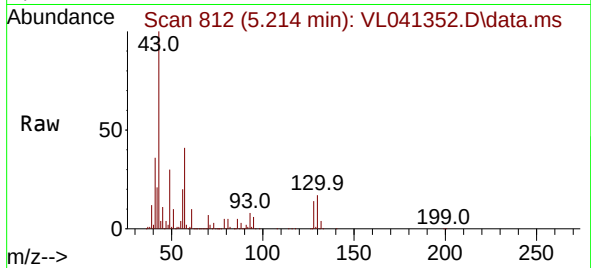
Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.9	5.7
100	2.2	1.1	3.5





#25
Ethyl Acetate
Concen: 9.218 ppbv
RT: 5.214 min Scan# 814
Delta R.T. -0.000 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

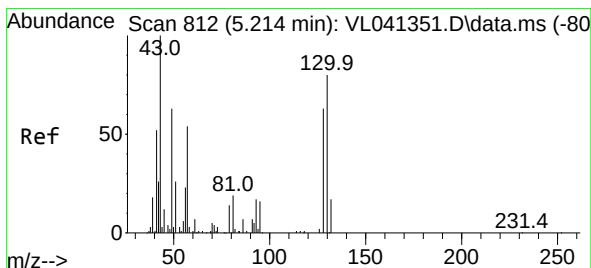
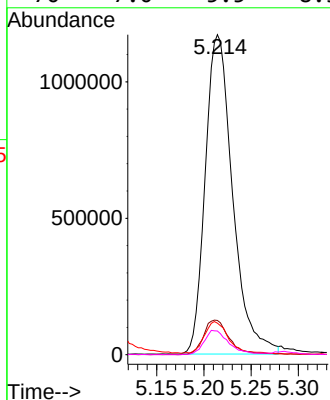
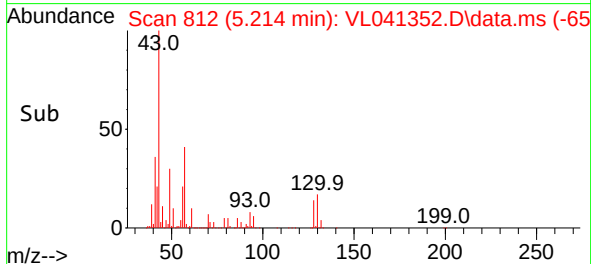
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 2357970
Ion Ratio Lower Upper
43 100
45 10.4 8.1 12.1
61 9.6 7.4 11.0
70 7.0 5.5 8.3

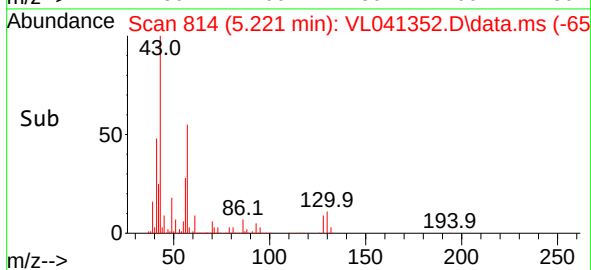
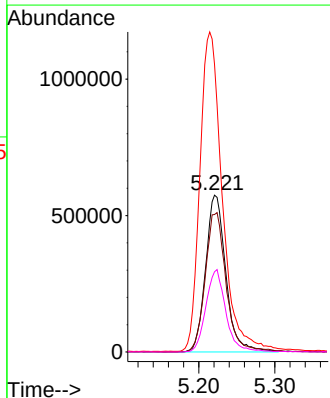
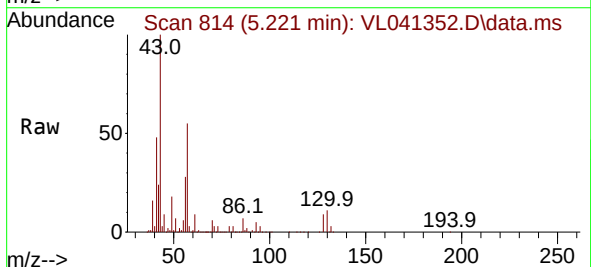
Manual Integrations
APPROVED

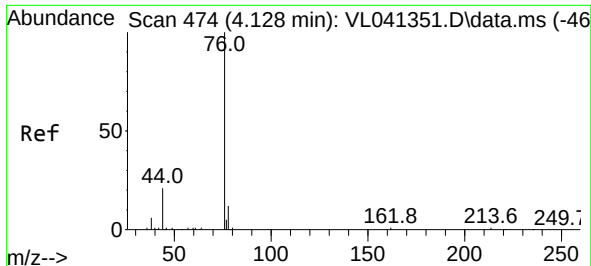
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#26
Hexane
Concen: 9.223 ppbv
RT: 5.221 min Scan# 814
Delta R.T. -0.000 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

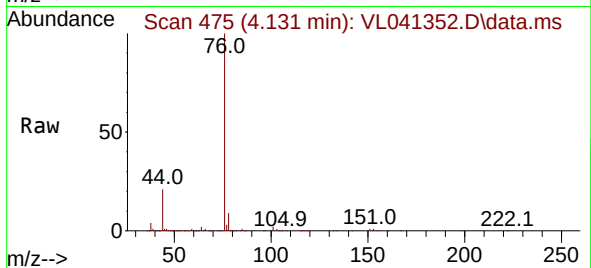
Tgt Ion: 57 Resp: 1060983
Ion Ratio Lower Upper
57 100
41 92.1 77.1 115.7
43 227.7 186.1 279.1
56 52.2 42.9 64.3





#27
Carbon Disulfide
Concen: 10.704 ppbv
RT: 4.131 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

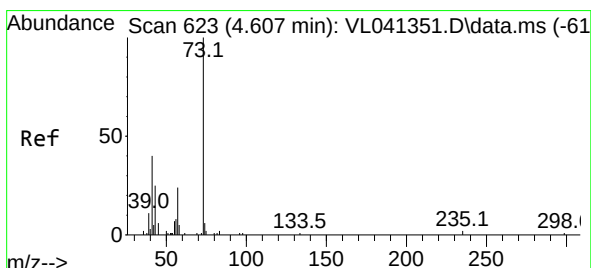
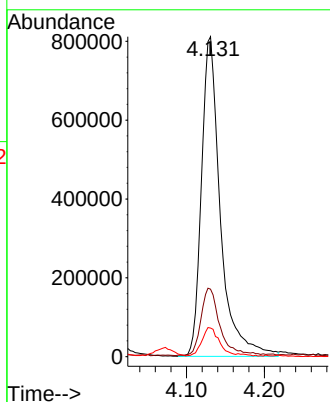
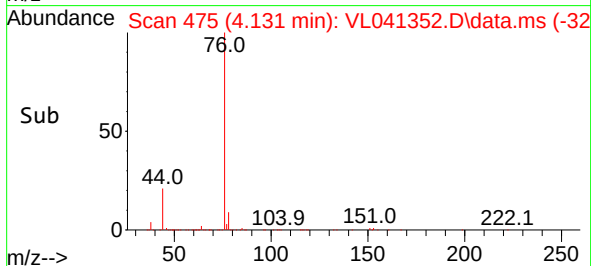
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



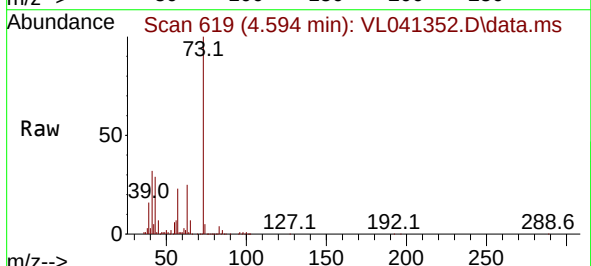
Tgt Ion: 76 Resp: 136398
Ion Ratio Lower Upper
76 100
44 21.8 17.7 26.5
78 9.1 7.8 11.6

Manual Integrations
APPROVED

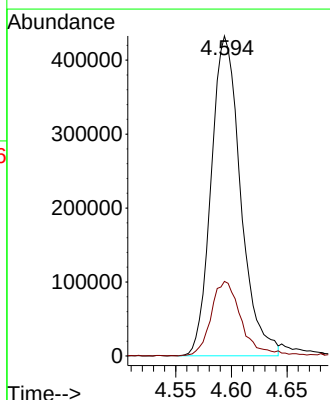
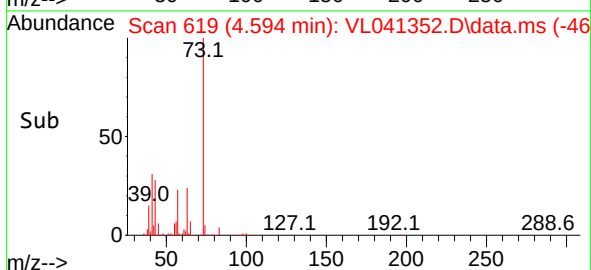
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

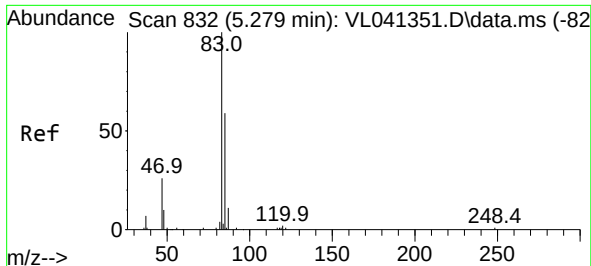


#28
Methyl tert-Butyl Ether
Concen: 9.316 ppbv
RT: 4.594 min Scan# 619
Delta R.T. -0.003 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52



Tgt Ion: 73 Resp: 794331
Ion Ratio Lower Upper
73 100
57 24.9 19.2 28.8





#29

Chloroform

Concen: 9.043 ppbv

RT: 5.285 min Scan# 83

Delta R.T. -0.000 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 1596010

Ion Ratio Lower Upper

83 100

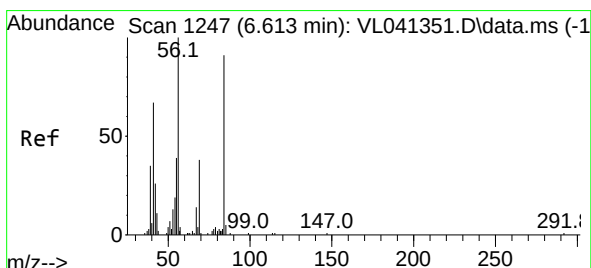
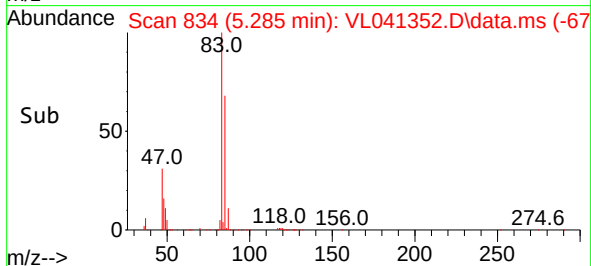
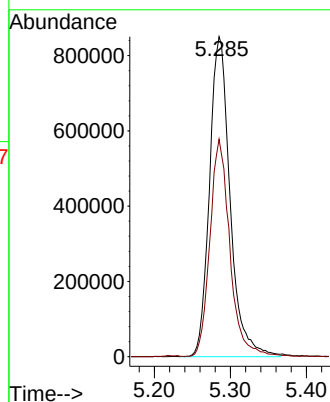
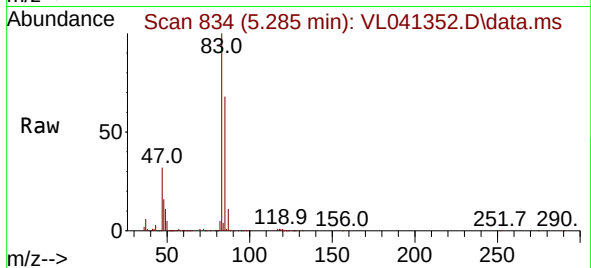
85 67.8 53.3 79.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#30

Cyclohexane

Concen: 9.391 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

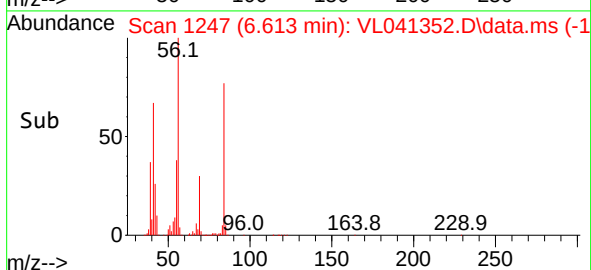
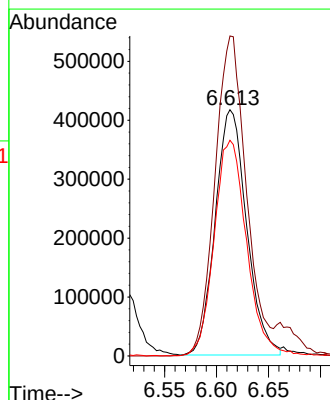
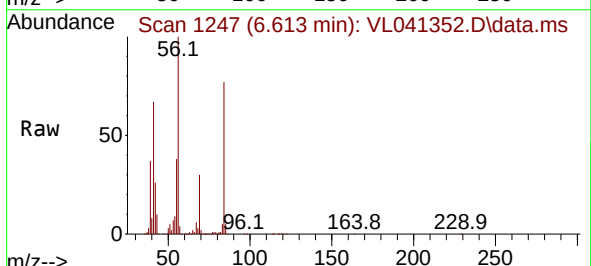
Tgt Ion: 84 Resp: 875677

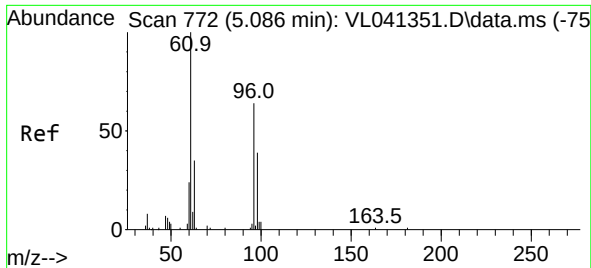
Ion Ratio Lower Upper

84 100

56 140.5 114.9 172.3

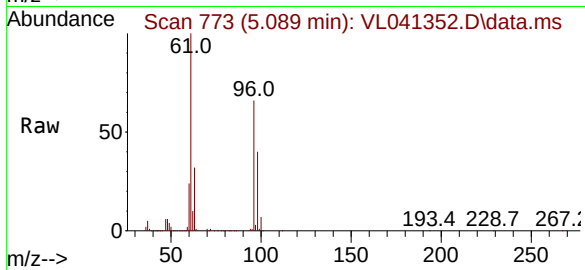
41 90.9 74.4 111.6





#31
cis-1,2-Dichloroethene
Concen: 9.686 ppbv
RT: 5.089 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

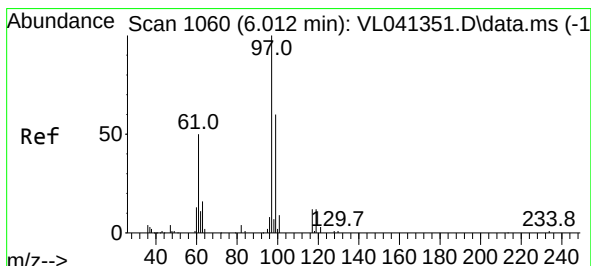
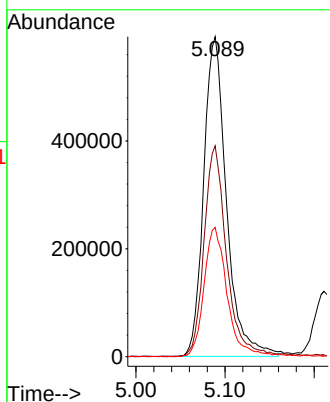
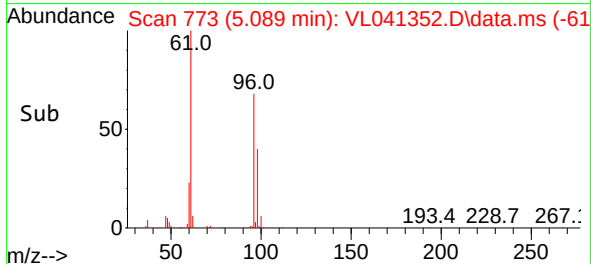
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 61 Resp: 1052930
Ion Ratio Lower Upper
61 100
96 65.8 52.1 78.1
98 40.4 33.1 49.7

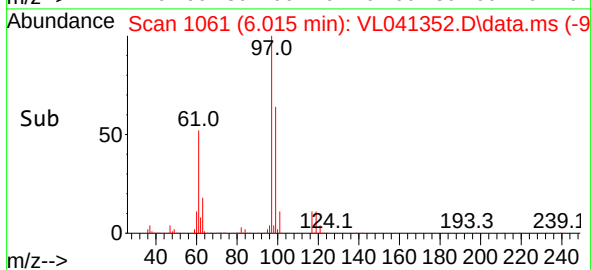
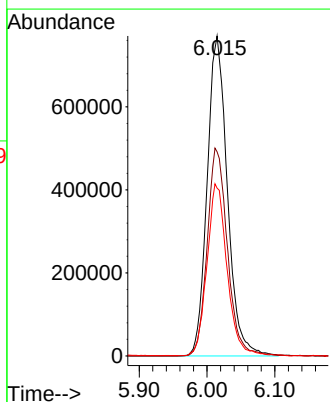
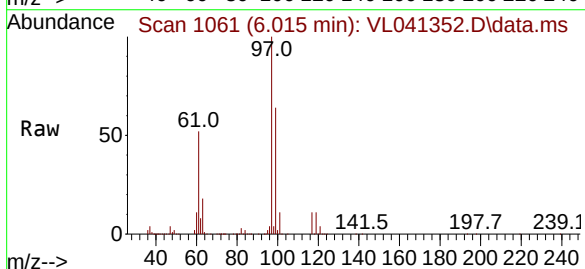
Manual Integrations
APPROVED

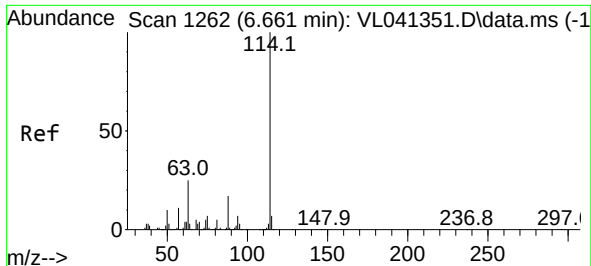
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#32
1,1,1-Trichloroethane
Concen: 9.566 ppbv
RT: 6.015 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 97 Resp: 1599198
Ion Ratio Lower Upper
97 100
99 65.0 51.9 77.9
61 53.8 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 296688

Ion Ratio Lower Upper

114 100

63 25.8 20.6 30.8

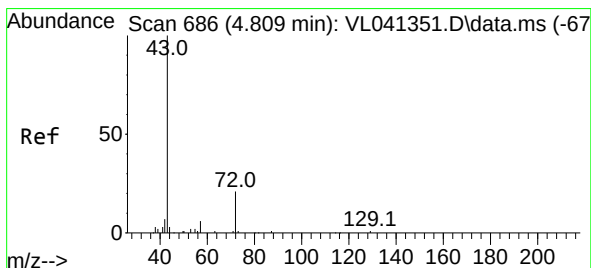
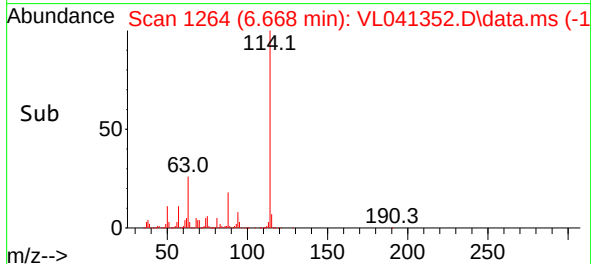
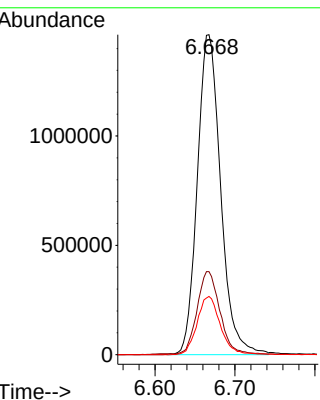
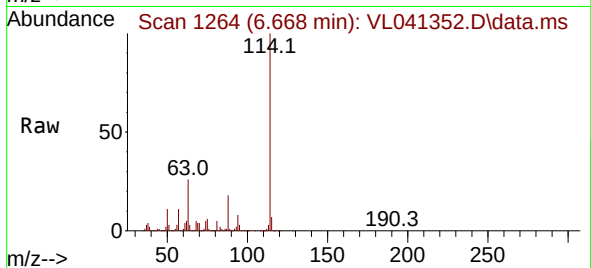
88 18.2 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#34

2-Butanone

Concen: 10.239 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL041352.D

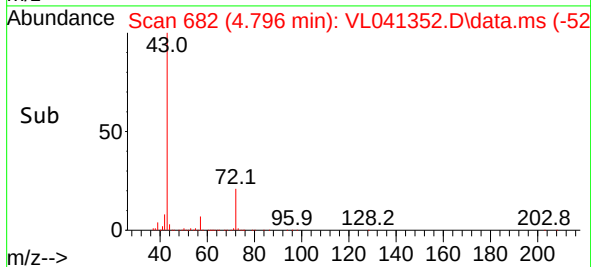
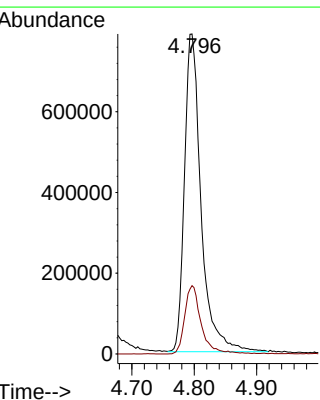
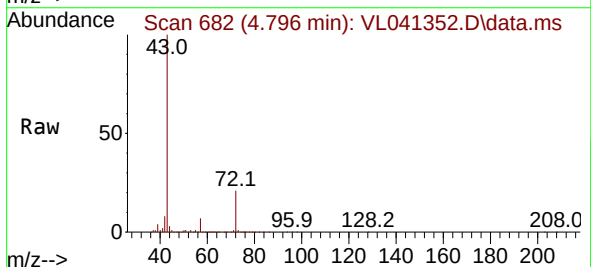
Acq: 26 Jun 2024 8:52

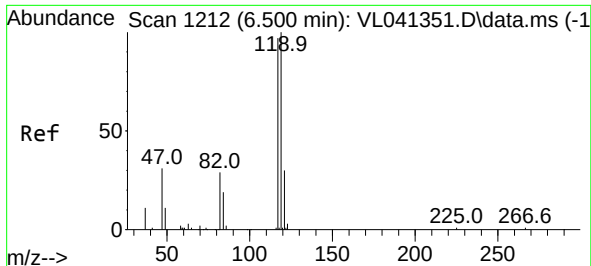
Tgt Ion: 43 Resp: 1455357

Ion Ratio Lower Upper

43 100

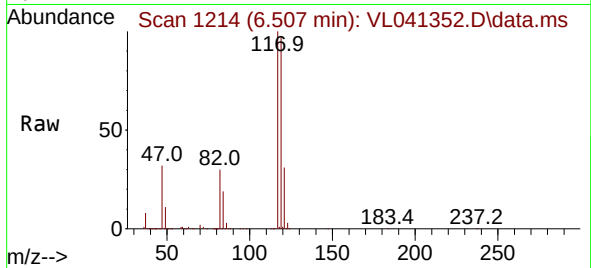
72 21.5 17.4 26.0





#35
Carbon Tetrachloride
Concen: 9.830 ppbv
RT: 6.507 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

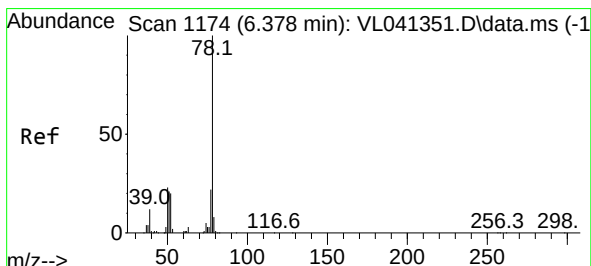
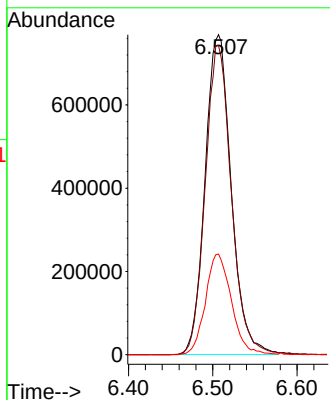
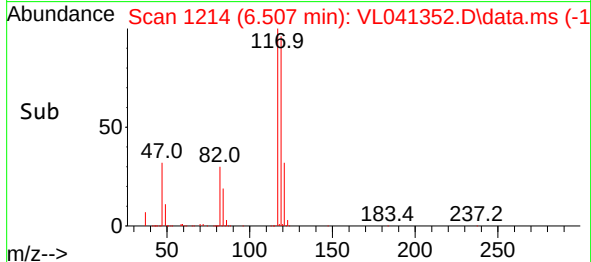
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



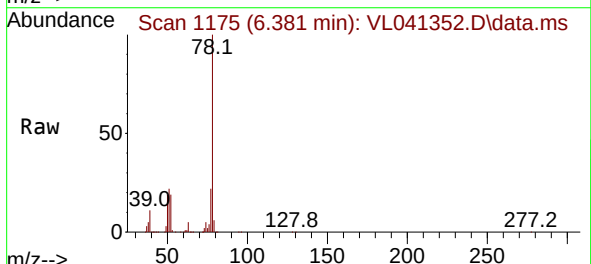
Tgt Ion: 117 Resp: 165754
Ion Ratio Lower Upper
117 100
119 96.5 74.0 111.0
121 31.5 24.8 37.2

Manual Integrations
APPROVED

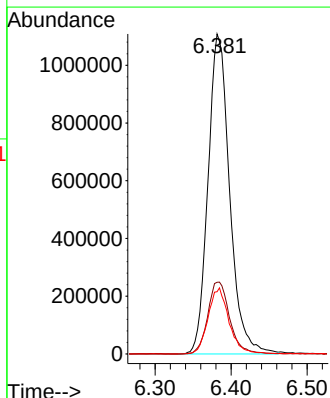
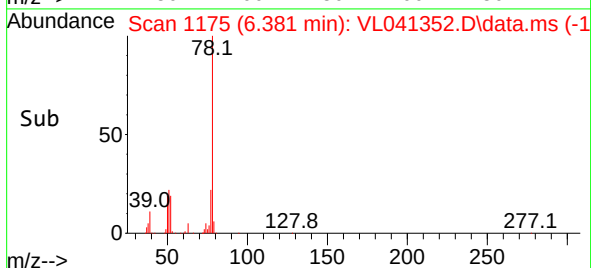
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

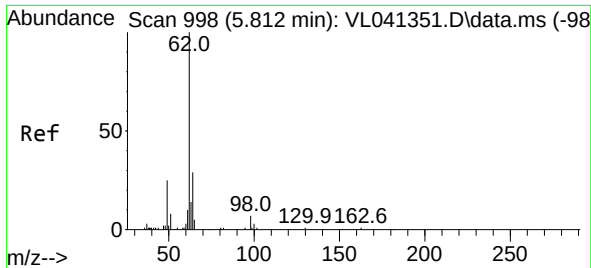


#36
Benzene
Concen: 9.531 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52



Tgt Ion: 78 Resp: 2191806
Ion Ratio Lower Upper
78 100
77 22.4 18.6 28.0
50 19.4 16.0 24.0





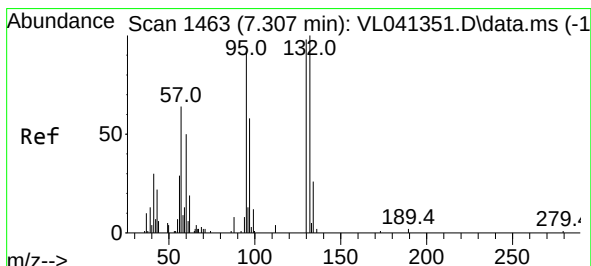
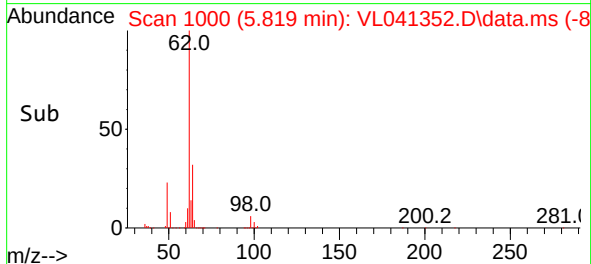
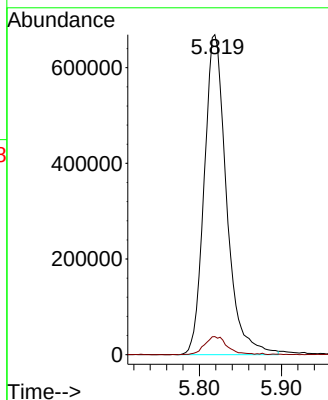
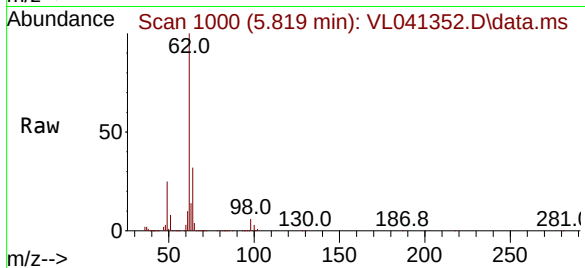
#37
1,2-Dichloroethane
Concen: 9.435 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 126492
Ion Ratio Lower Upper
62 100
98 6.0 4.8 7.2

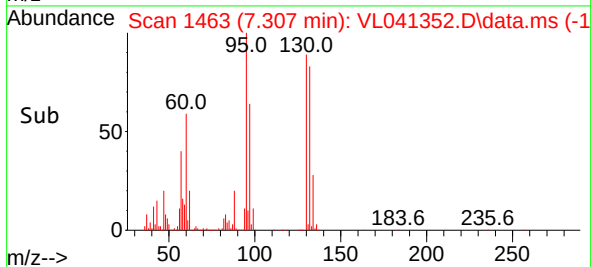
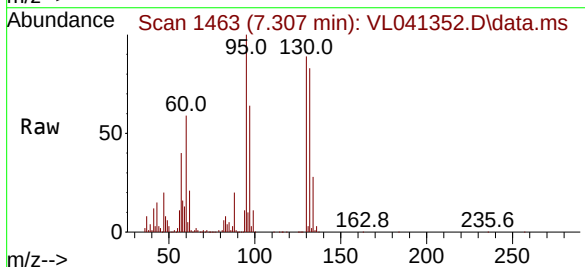
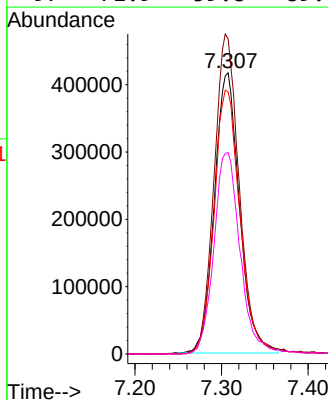
Manual Integrations
APPROVED

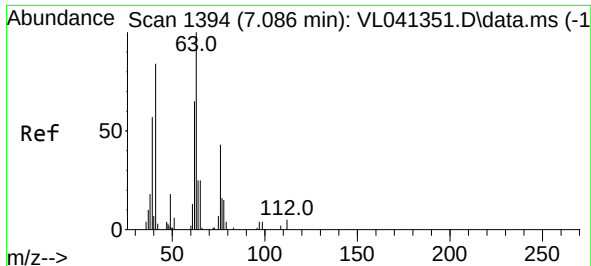
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#38
Trichloroethene
Concen: 9.008 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion:130 Resp: 839482
Ion Ratio Lower Upper
130 100
95 112.5 94.0 141.0
132 93.5 76.7 115.1
97 71.9 59.8 89.8





#39

1,2-Dichloropropane

Concen: 9.182 ppbv

RT: 7.089 min Scan# 1394

Delta R.T. 0.010 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

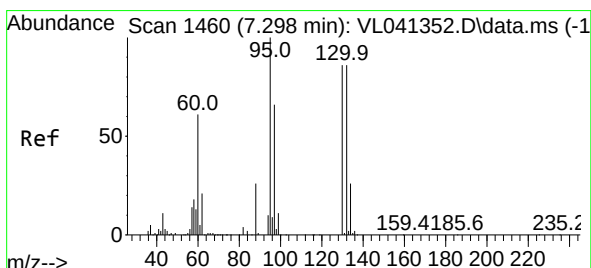
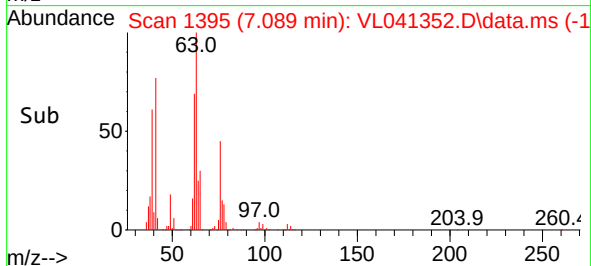
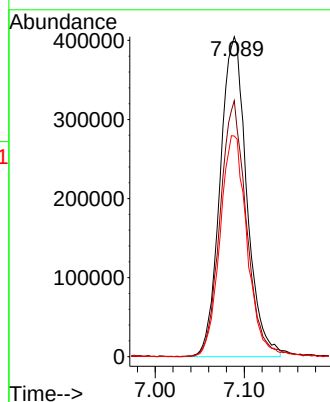
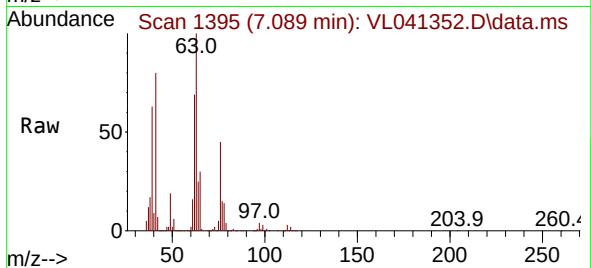
VSTDICCC010

Tgt Ion: 63 Resp: 840834
 Ion Ratio Lower Upper
 63 100
 41 80.0 59.9 89.9
 62 69.0 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#40

1,4-Dioxane

Concen: 7.094 ppbv

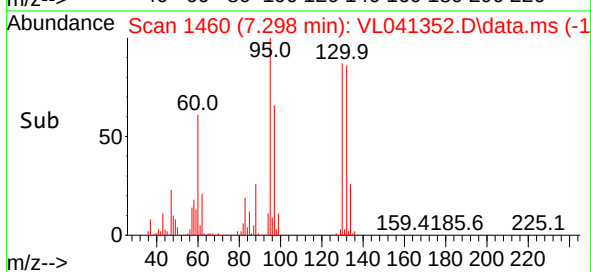
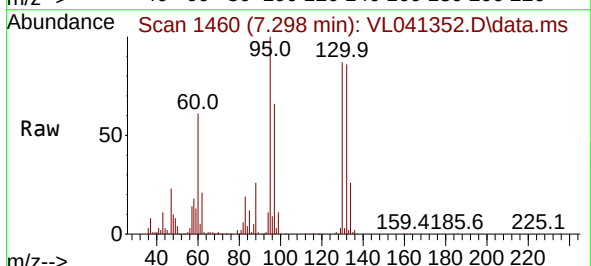
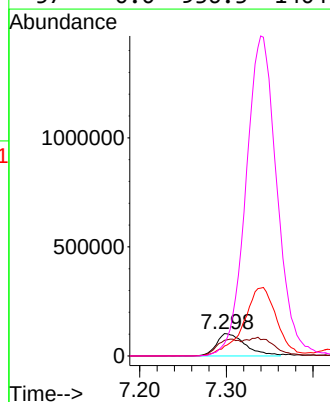
RT: 7.298 min Scan# 1460

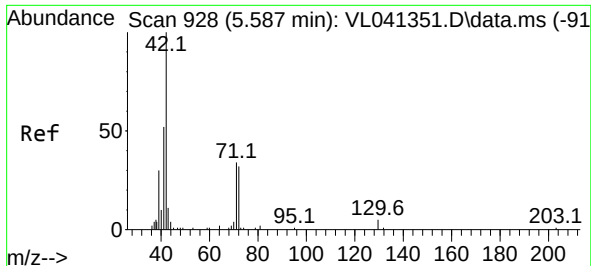
Delta R.T. 0.003 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Tgt Ion: 88 Resp: 237907
 Ion Ratio Lower Upper
 88 100
 58 59.9 107.5 161.3#
 43 0.0 221.8 332.6#
 57 0.0 936.3 1404.5#





#41

Tetrahydrofuran

Concen: 9.870 ppbv

RT: 5.565 min Scan# 912778

Delta R.T. -0.000 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

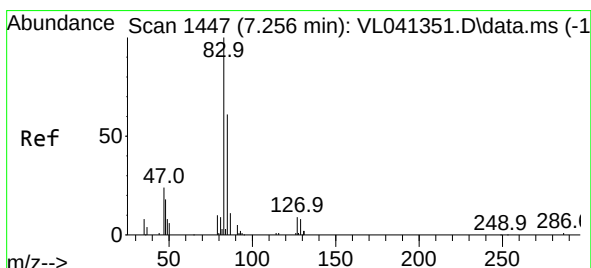
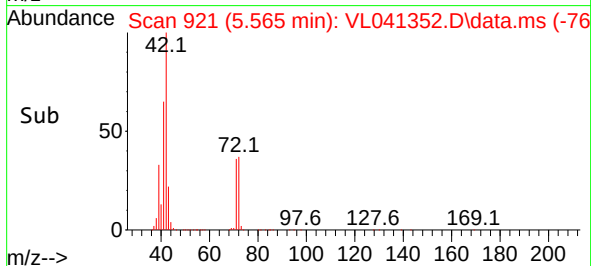
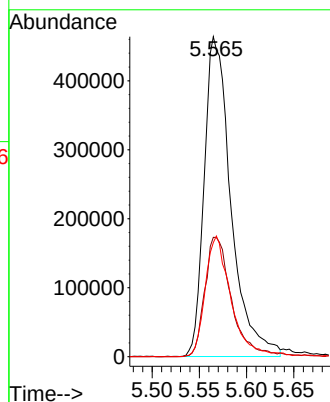
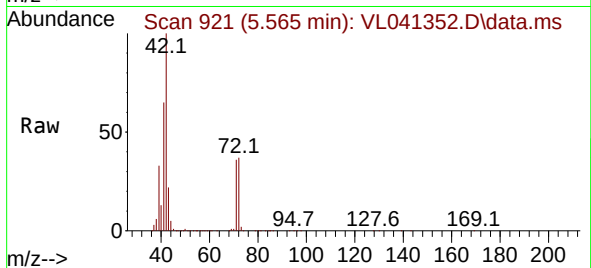
VSTDICCC010

Tgt Ion:	42	Resp:	912778
Ion	Ratio	Lower	Upper
42	100		
72	37.9	30.2	45.4
71	37.1	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#42

Bromodichloromethane

Concen: 9.283 ppbv

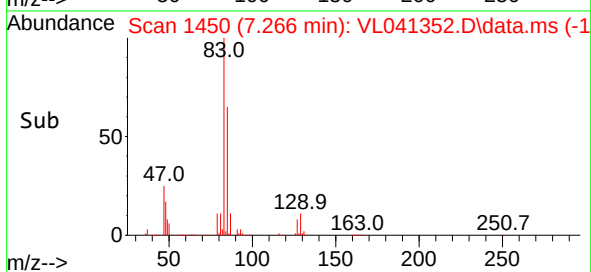
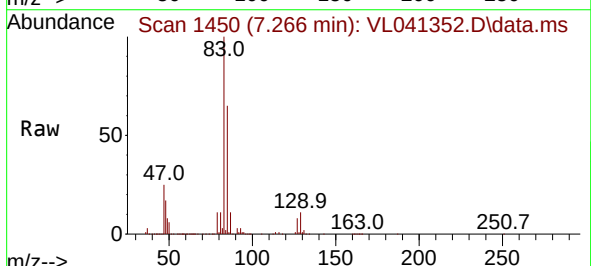
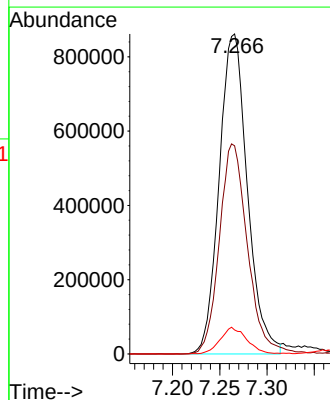
RT: 7.266 min Scan# 1450

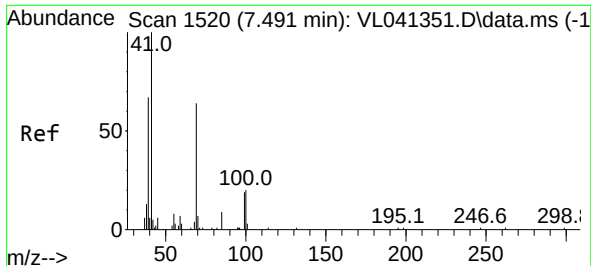
Delta R.T. 0.010 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Tgt Ion:	83	Resp:	1787582
Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.6	75.8
127	7.5	5.6	8.4





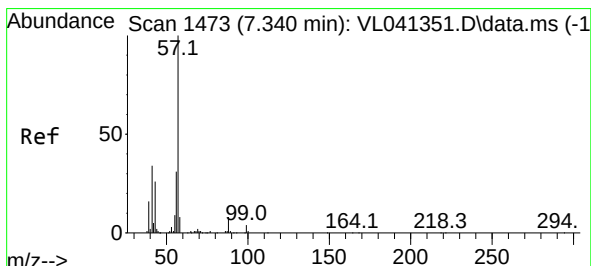
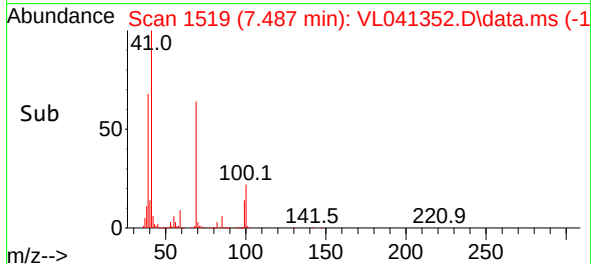
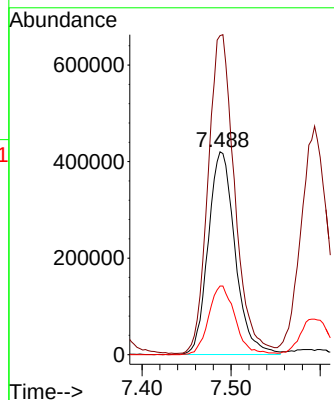
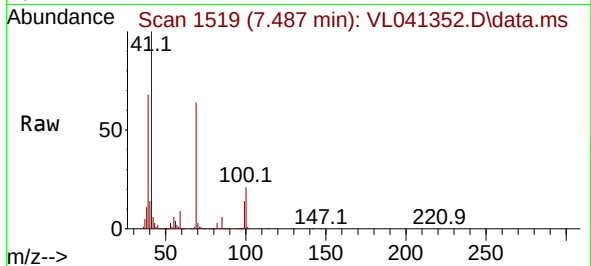
#43
Methyl Methacrylate
Concen: 10.042 ppbv
RT: 7.487 min Scan# 1520
Delta R.T. 0.010 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 879859
Ion Ratio Lower Upper
69 100
41 156.3 125.8 188.6
100 33.5 27.0 40.6

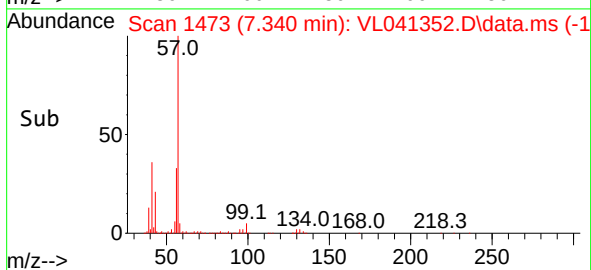
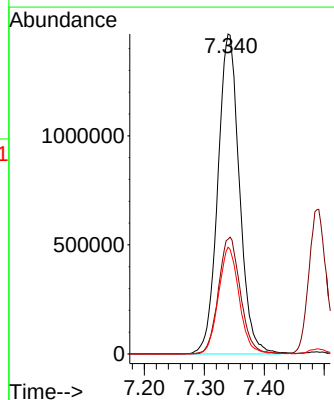
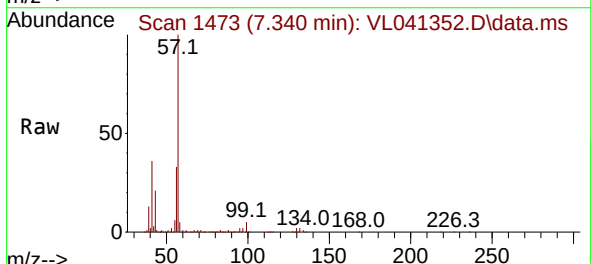
Manual Integrations
APPROVED

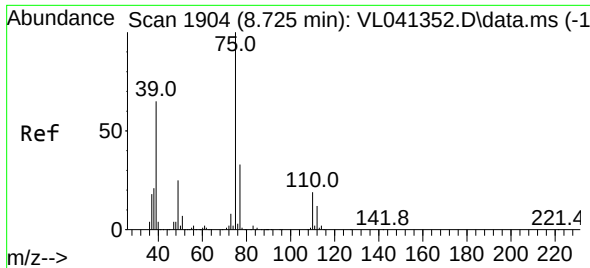
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#44
2,2,4-Trimethylpentane
Concen: 9.247 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

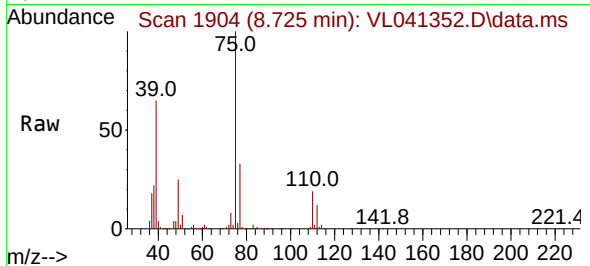
Tgt Ion: 57 Resp: 3657322
Ion Ratio Lower Upper
57 100
41 37.0 29.4 44.2
56 32.1 25.0 37.4





#45
 t-1,3-Dichloropropene
 Concen: 10.209 ppbv
 RT: 8.725 min Scan# 1904
 Delta R.T. 0.013 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

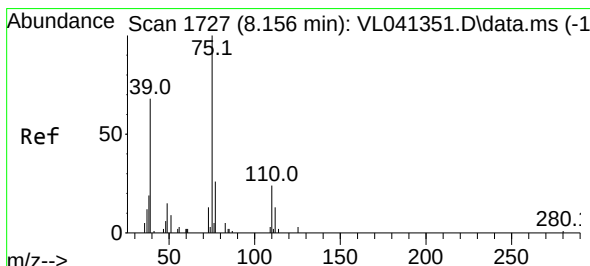
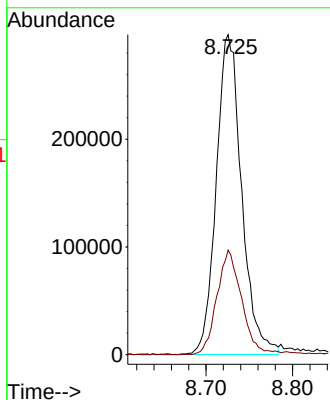
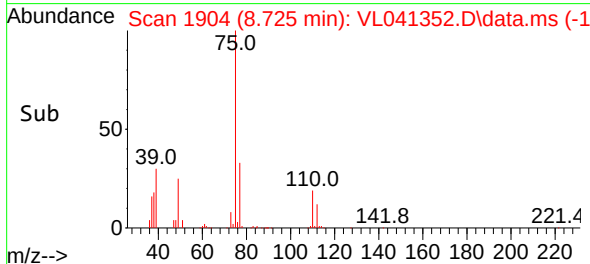
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



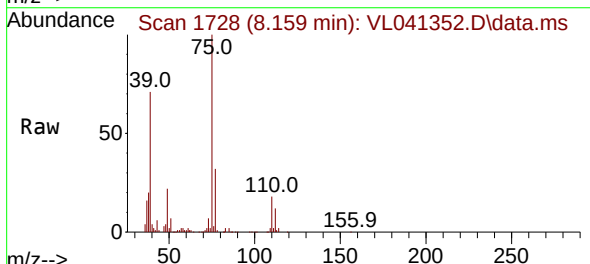
Tgt Ion: 75 Resp: 603609
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.7 37.1

Manual Integrations
 APPROVED

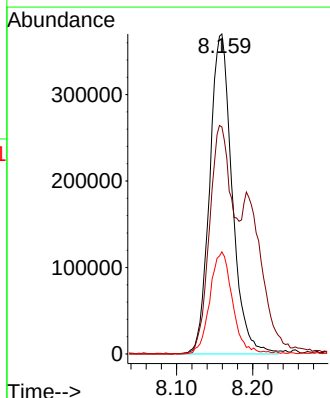
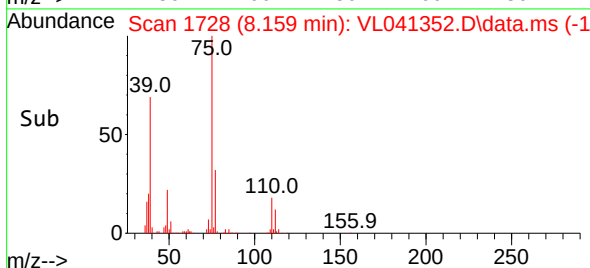
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

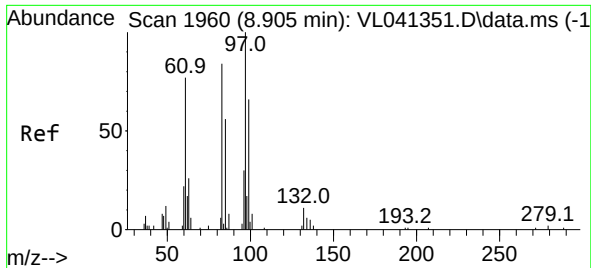


#46
 cis-1,3-Dichloropropene
 Concen: 9.964 ppbv
 RT: 8.159 min Scan# 1728
 Delta R.T. 0.016 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52



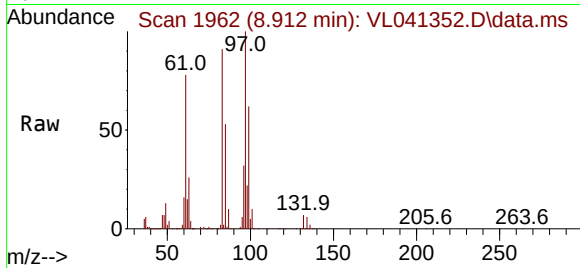
Tgt Ion: 75 Resp: 758294
 Ion Ratio Lower Upper
 75 100
 39 70.8 59.2 88.8
 77 31.9 25.0 37.6





#47
1,1,2-Trichloroethane
Concen: 9.347 ppbv
RT: 8.912 min Scan# 1962
Delta R.T. 0.013 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

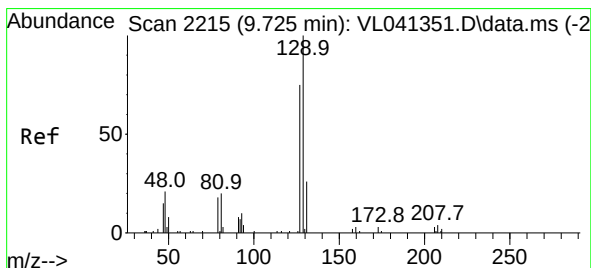
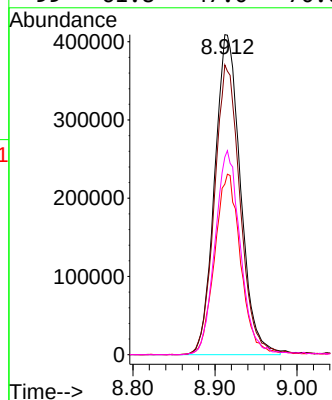
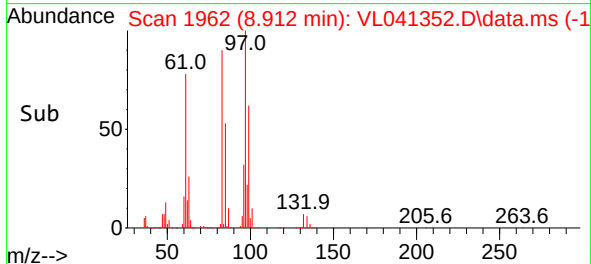
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 894380
Ion Ratio Lower Upper
97 100
83 90.5 69.7 104.5
85 53.3 43.1 64.7
99 61.8 47.0 70.6

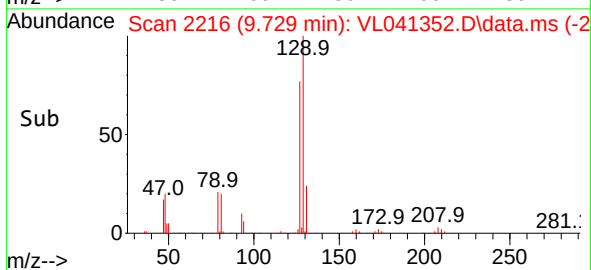
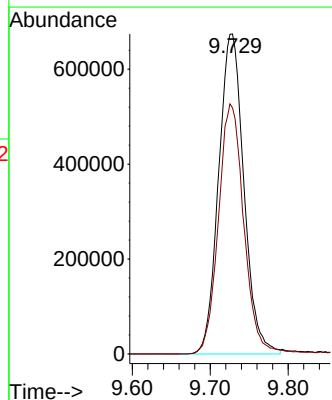
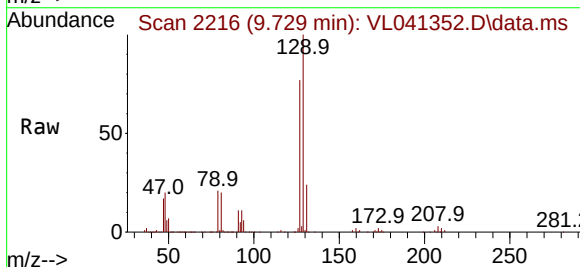
Manual Integrations
APPROVED

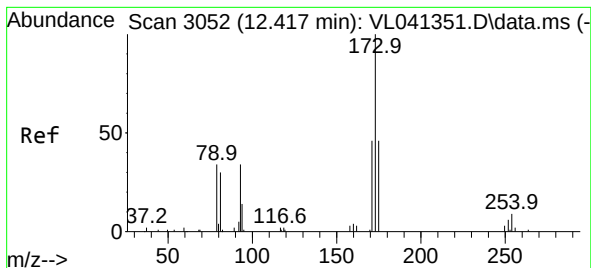
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#48
Dibromochloromethane
Concen: 9.634 ppbv
RT: 9.729 min Scan# 2216
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion:129 Resp: 1519271
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.5





#49

Bromoform

Concen: 9.776 ppbv

RT: 12.423 min Scan# 3052

Delta R.T. 0.019 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 1242320

Ion Ratio Lower Upper

173 100

175 50.4 39.9 59.9

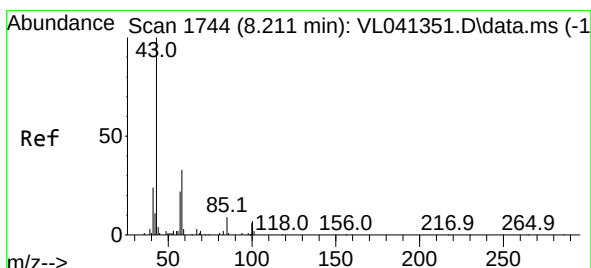
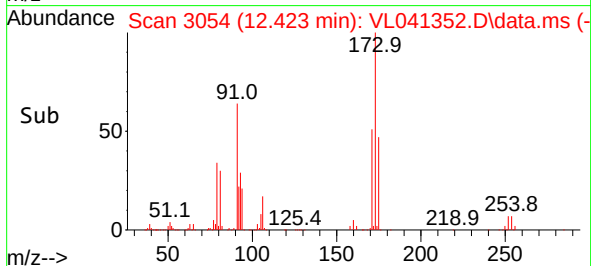
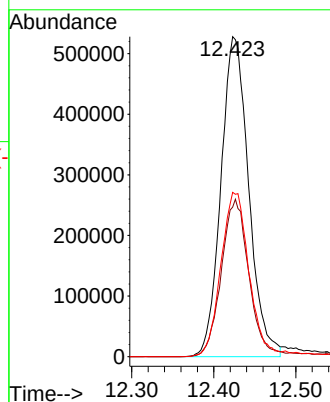
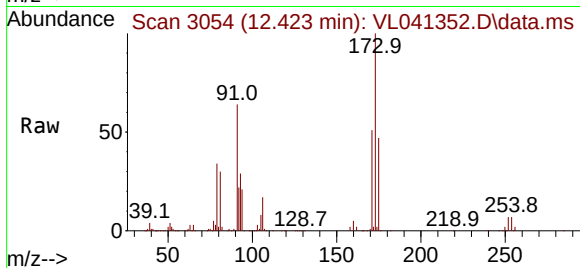
171 54.8 42.6 63.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#50

4-Methyl-2-Pentanone

Concen: 9.713 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.016 min

Lab File: VL041352.D

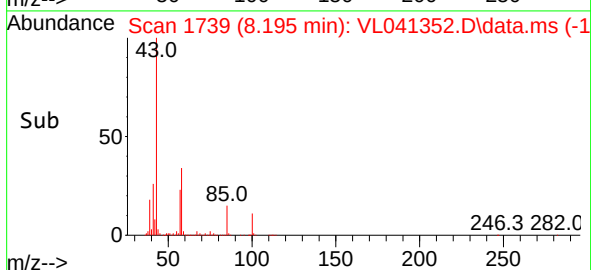
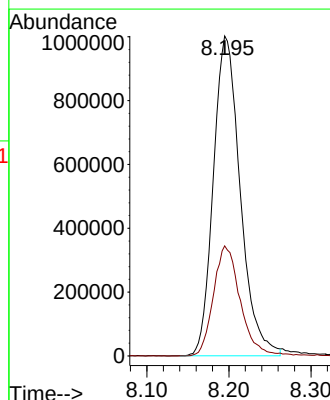
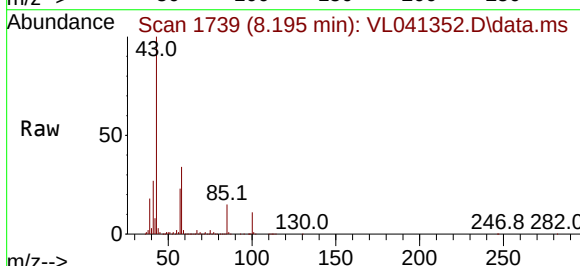
Acq: 26 Jun 2024 8:52

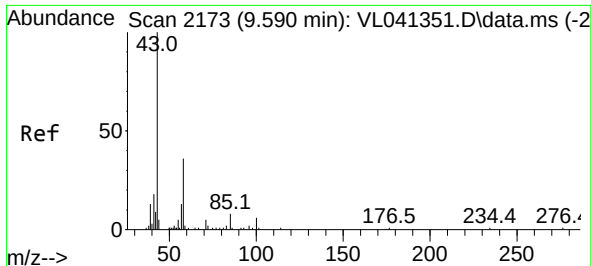
Tgt Ion: 43 Resp: 2285377

Ion Ratio Lower Upper

43 100

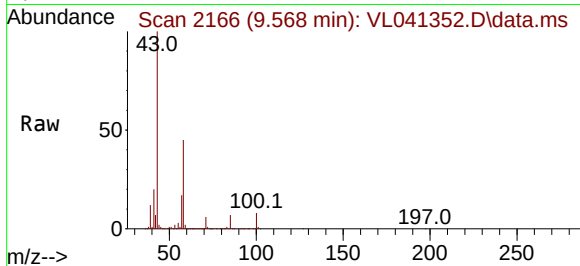
58 34.8 27.7 41.5





#51
2-Hexanone
Concen: 9.764 ppbv
RT: 9.568 min Scan# 2173
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

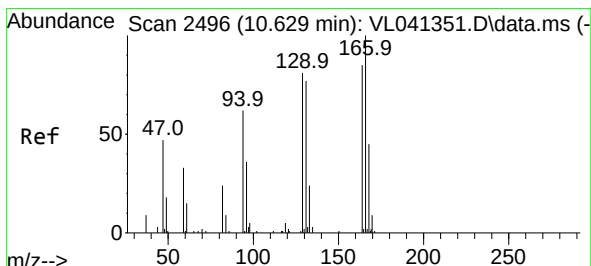
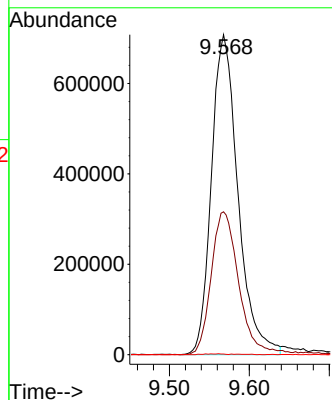
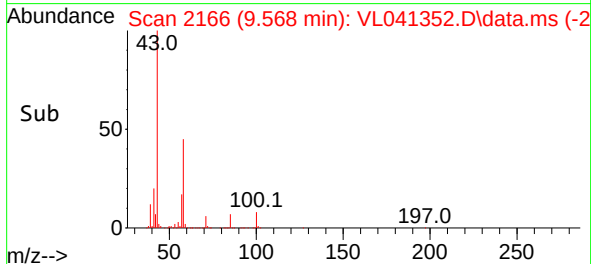
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



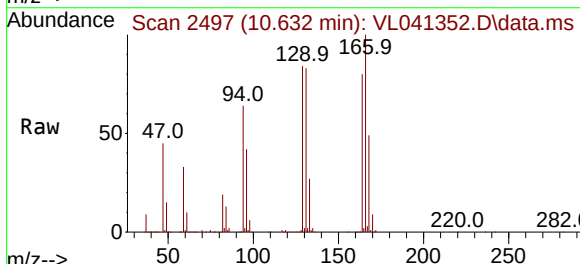
Tgt Ion: 43 Resp: 1632814
Ion Ratio Lower Upper
43 100
58 47.5 37.4 56.0
98 0.2 0.2 0.4

Manual Integrations
APPROVED

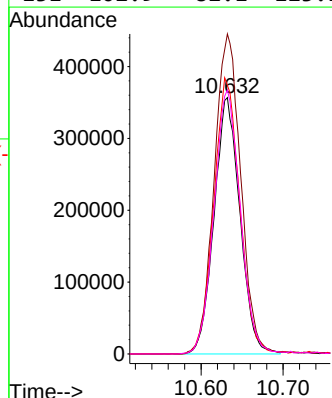
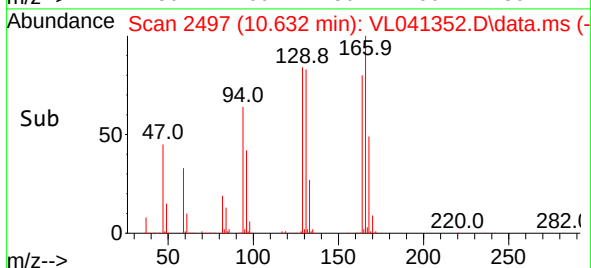
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

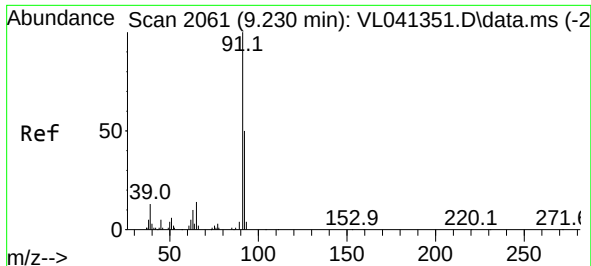


#52
Tetrachloroethene
Concen: 9.298 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52



Tgt Ion:164 Resp: 779743
Ion Ratio Lower Upper
164 100
166 124.8 99.4 149.0
129 104.7 85.4 128.2
131 102.9 82.1 123.1





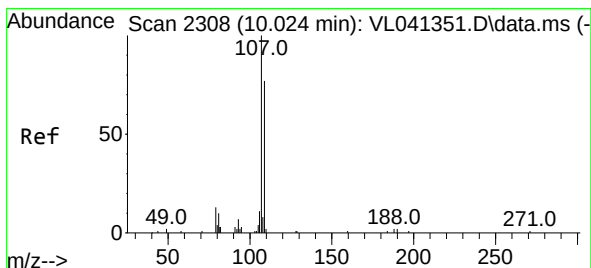
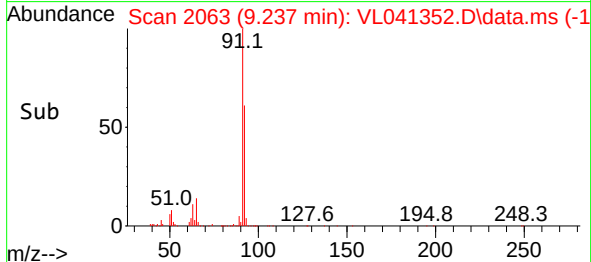
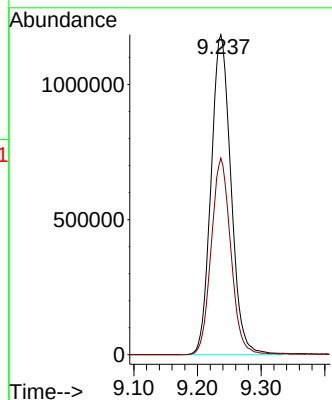
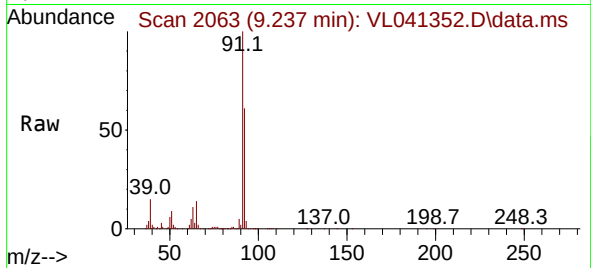
#53
Toluene
Concen: 9.729 ppbv
RT: 9.237 min Scan# 2061
Delta R.T. 0.016 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 257340
Ion Ratio Lower Upper
91 100
92 60.6 49.2 73.8

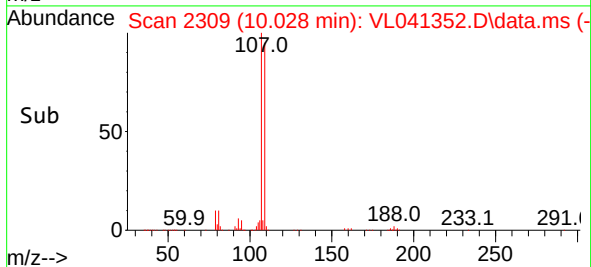
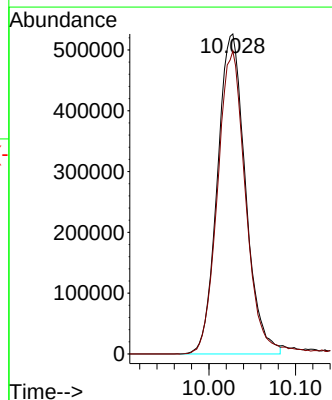
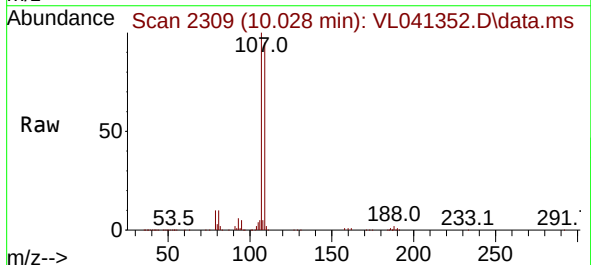
Manual Integrations
APPROVED

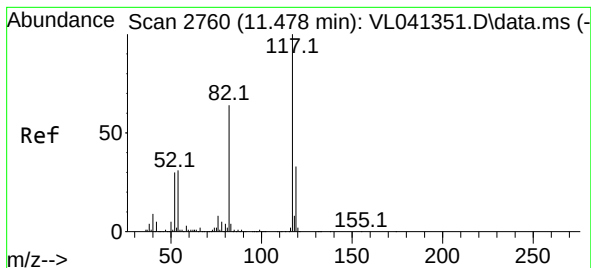
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#54
1,2-Dibromoethane
Concen: 9.499 ppbv
RT: 10.028 min Scan# 2309
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

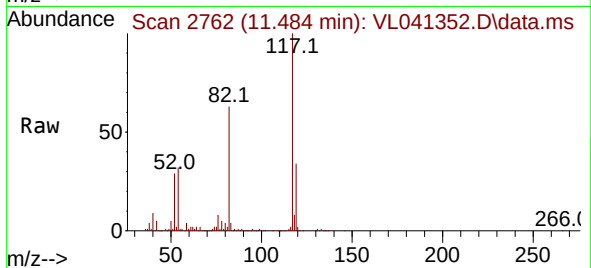
Tgt Ion:107 Resp: 1184946
Ion Ratio Lower Upper
107 100
109 94.7 75.0 112.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.023 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

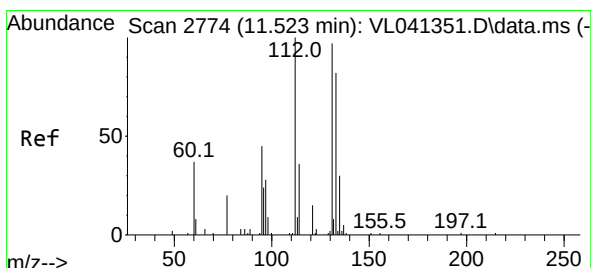
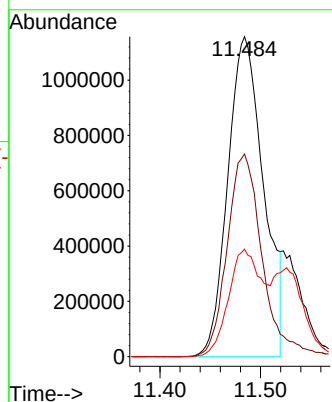
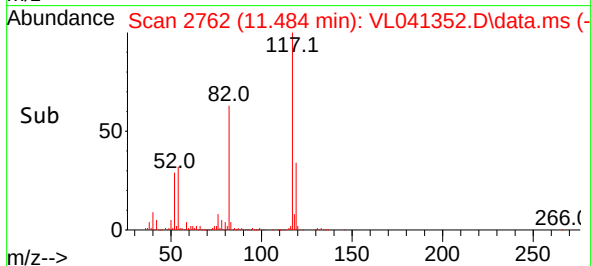
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 285901
Ion Ratio Lower Upper
117 100
82 63.2 52.3 78.5
119 30.9 26.2 39.2

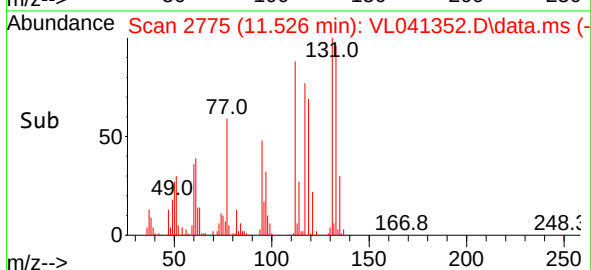
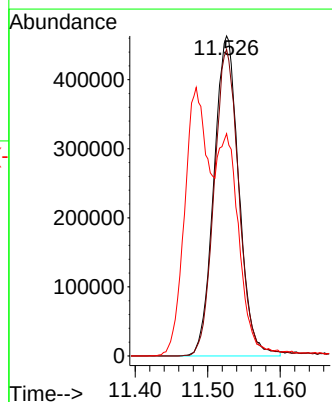
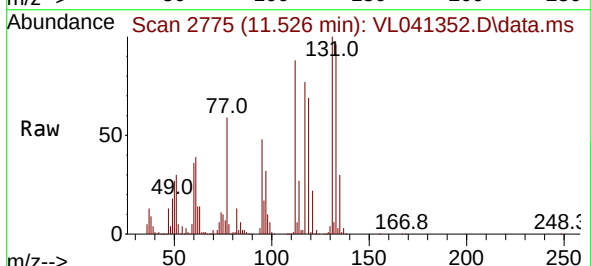
Manual Integrations
APPROVED

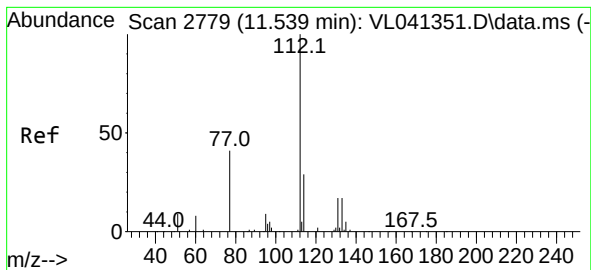
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.158 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

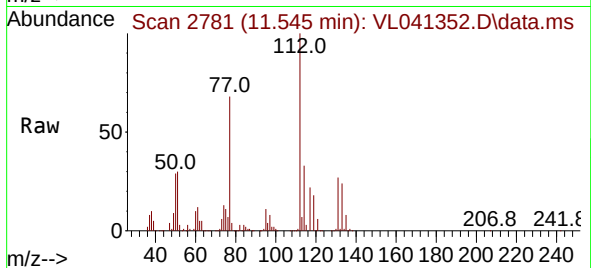
Tgt Ion:131 Resp: 1107423
Ion Ratio Lower Upper
131 100
133 96.0 75.8 113.6
119 61.7 48.3 72.5





#57
Chlorobenzene
Concen: 8.940 ppbv
RT: 11.545 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

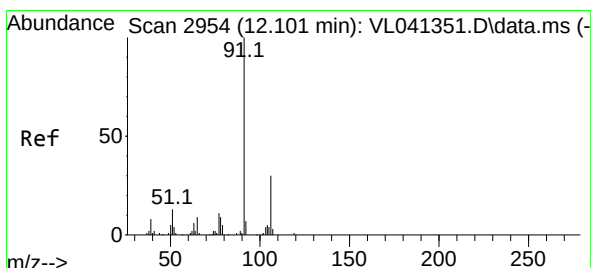
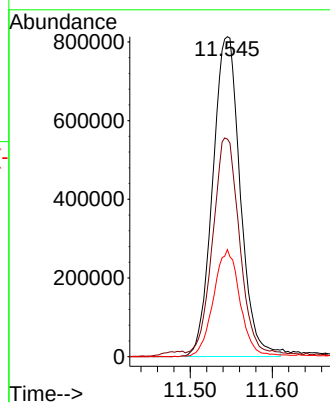
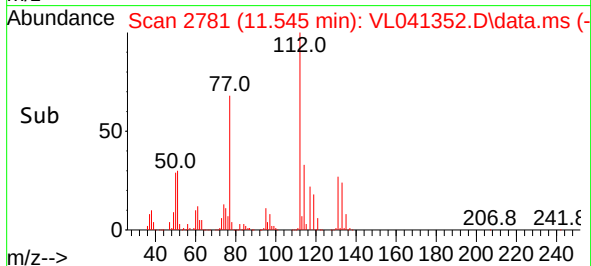
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



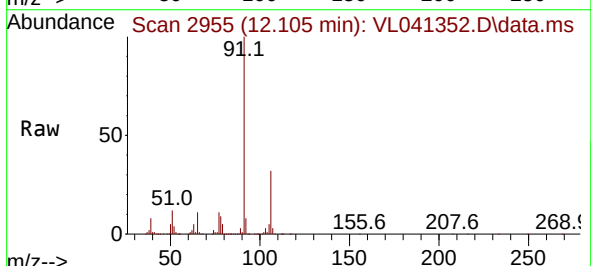
Tgt Ion:112 Resp: 1898524
Ion Ratio Lower Upper
112 100
77 66.5 52.0 78.0
114 33.4 29.8 36.4

Manual Integrations
APPROVED

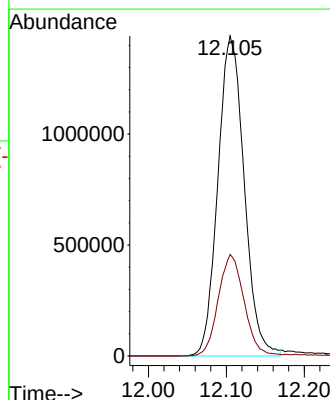
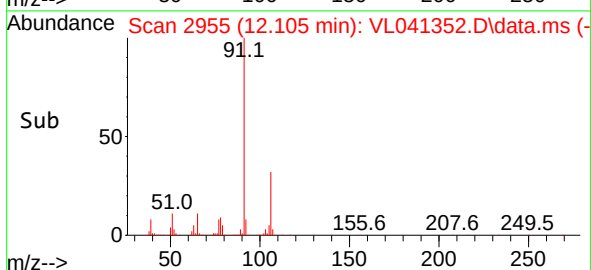
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

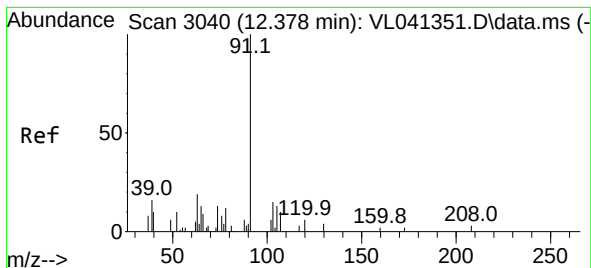


#58
Ethyl Benzene
Concen: 9.233 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.023 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52



Tgt Ion: 91 Resp: 3383570
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3





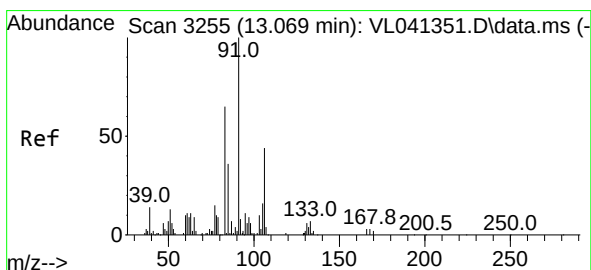
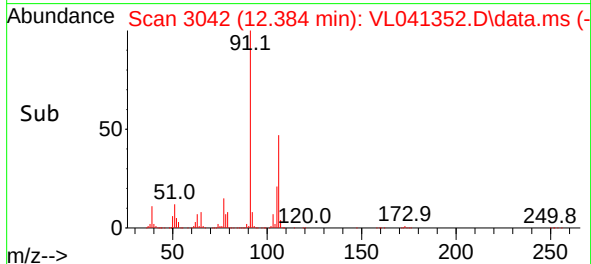
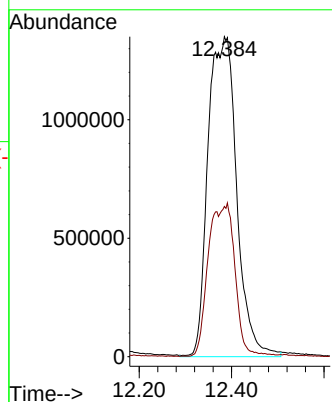
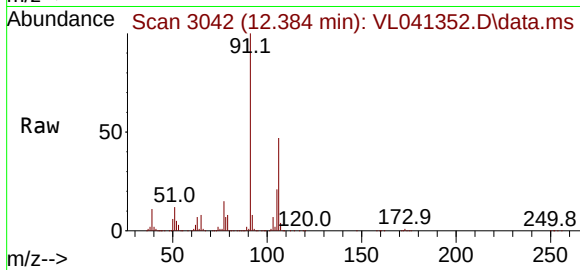
#59
m/p-Xylene
Concen: 18.549 ppbv m
RT: 12.384 min Scan# 3040
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 5824158
Ion Ratio Lower Upper
91 100
106 44.5 35.7 53.5

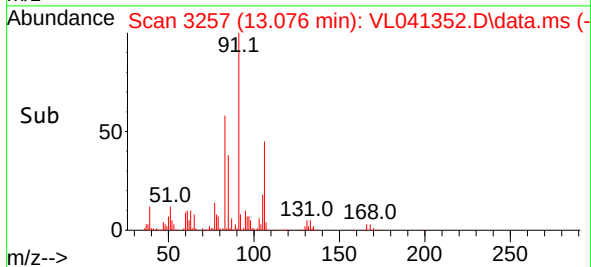
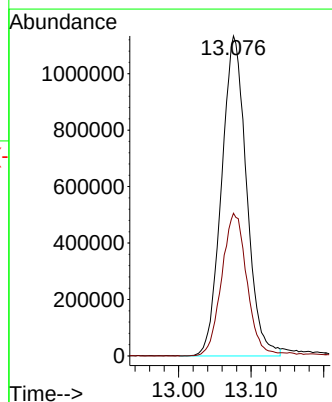
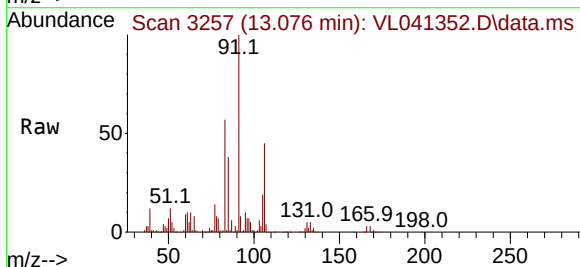
Manual Integrations
APPROVED

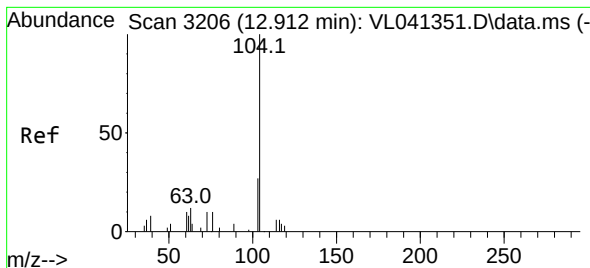
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#60
o-Xylene
Concen: 9.053 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. 0.022 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 91 Resp: 2709879
Ion Ratio Lower Upper
91 100
106 46.5 22.8 68.4





#61

Styrene

Concen: 10.023 ppbv

RT: 12.915 min Scan# 31

Delta R.T. 0.022 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 147087

Ion Ratio Lower Upper

104 100

78 50.8 42.2 63.4

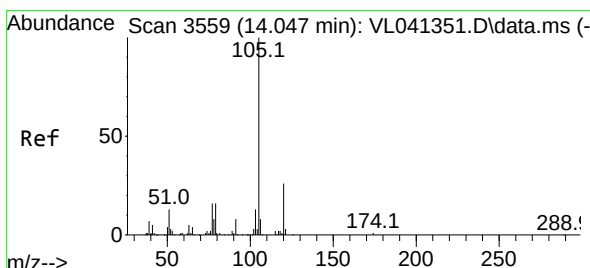
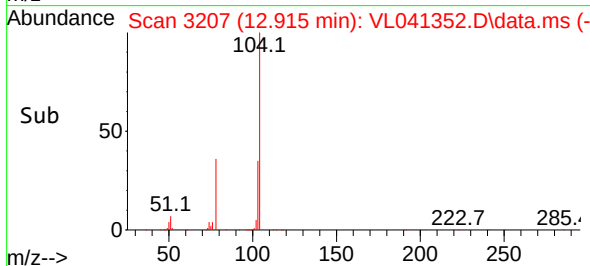
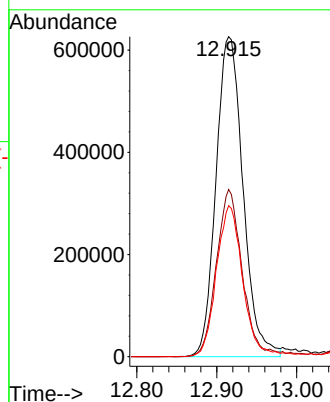
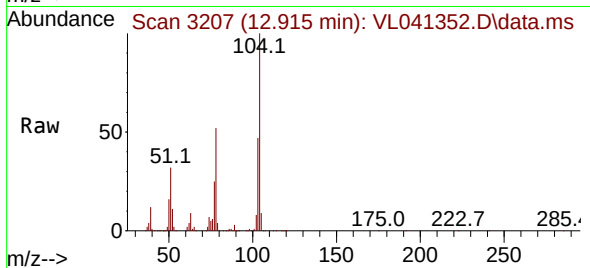
103 46.7 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#62

Isopropylbenzene

Concen: 9.092 ppbv

RT: 14.044 min Scan# 3558

Delta R.T. 0.023 min

Lab File: VL041352.D

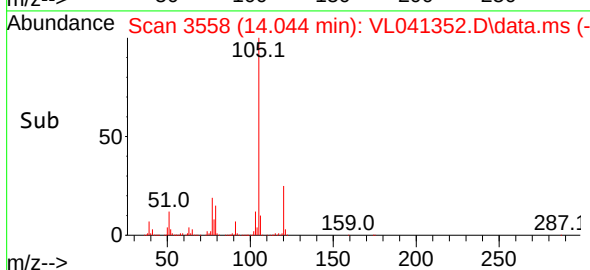
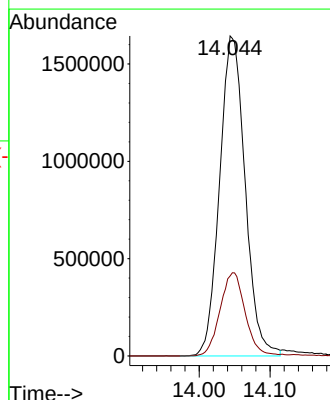
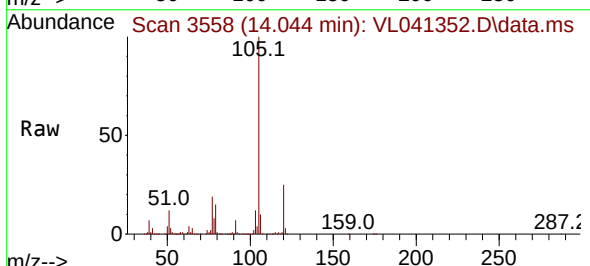
Acq: 26 Jun 2024 8:52

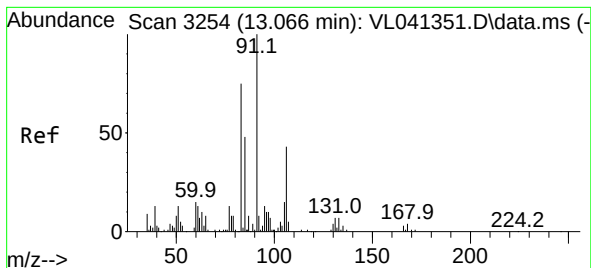
Tgt Ion:105 Resp: 4115995

Ion Ratio Lower Upper

105 100

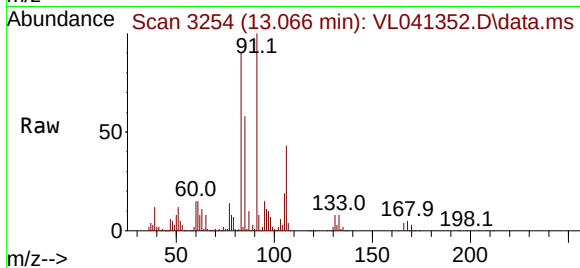
120 26.1 20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 9.084 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

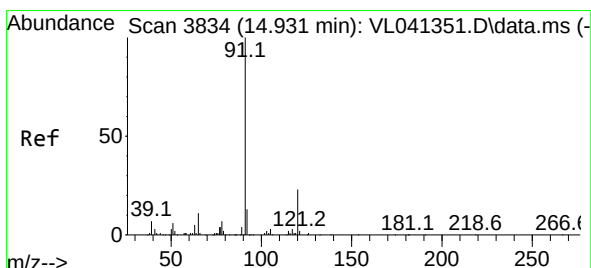
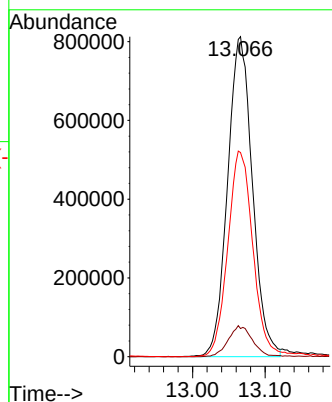
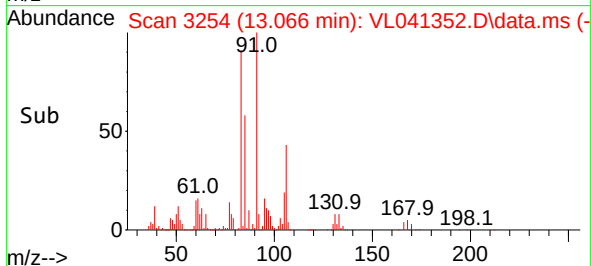
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



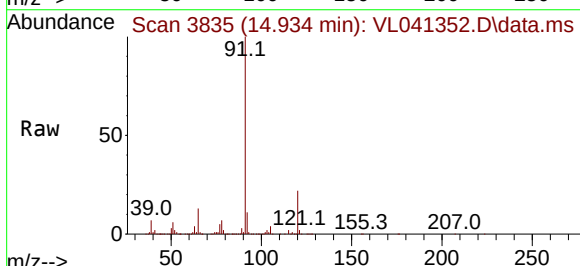
Tgt Ion: 83 Resp: 1934570
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 65.9 32.6 97.7

Manual Integrations
APPROVED

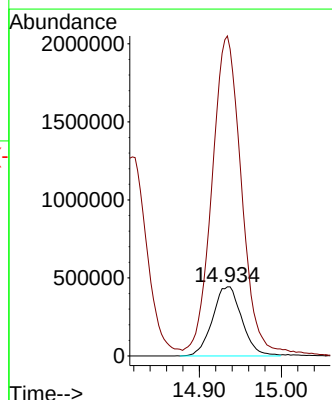
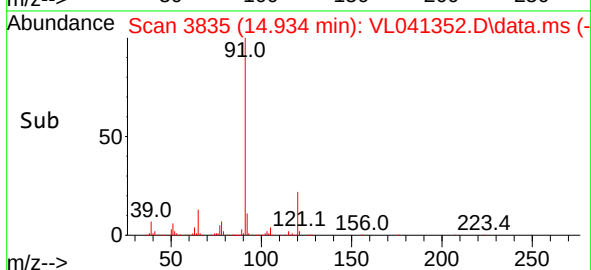
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

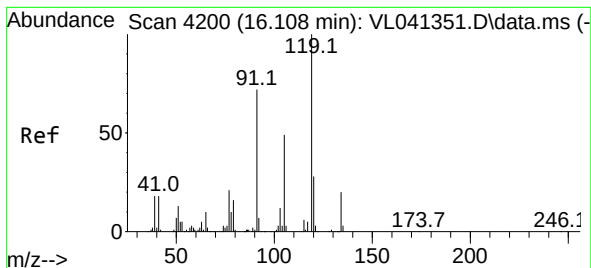


#64
n-propylbenzene
Concen: 9.397 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52



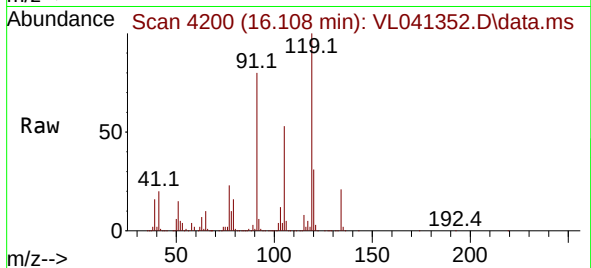
Tgt Ion:120 Resp: 1096452
Ion Ratio Lower Upper
120 100
91 473.0 374.2 561.2





#65
tert-Butylbenzene
Concen: 9.094 ppbv
RT: 16.108 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

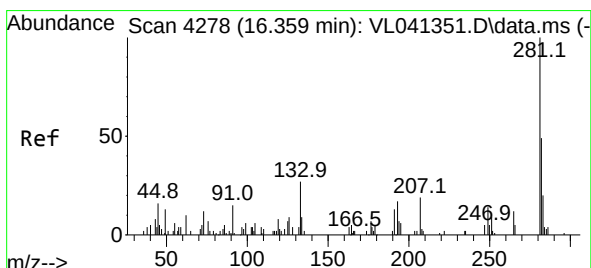
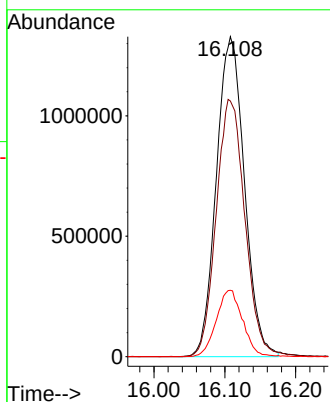
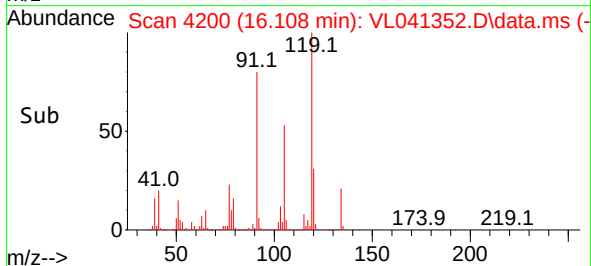
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



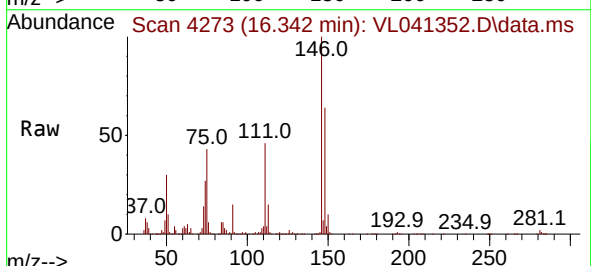
Tgt Ion:119 Resp: 3660050
Ion Ratio Lower Upper
119 100
91 82.2 66.5 99.7
134 19.6 15.7 23.5

Manual Integrations
APPROVED

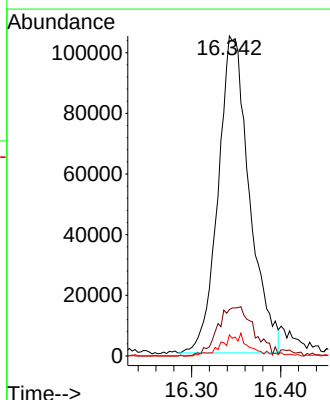
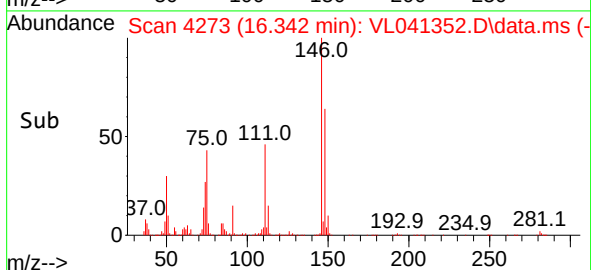
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

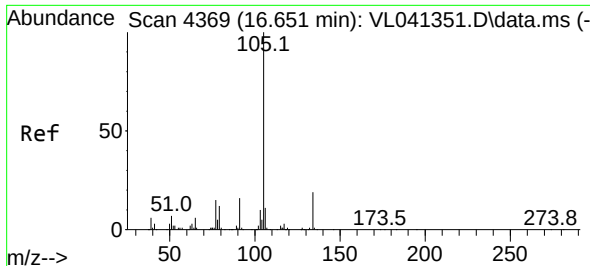


#66
Benzyl Chloride
Concen: 9.631 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52



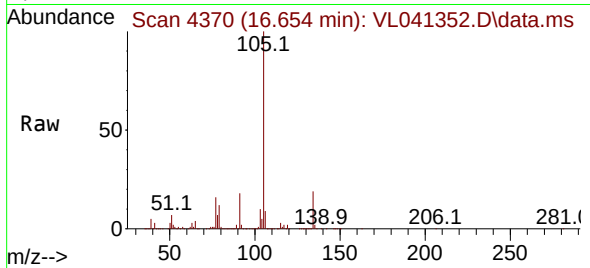
Tgt Ion: 91 Resp: 255013
Ion Ratio Lower Upper
91 100
126 19.2 13.4 20.2
128 6.2 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 9.131 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

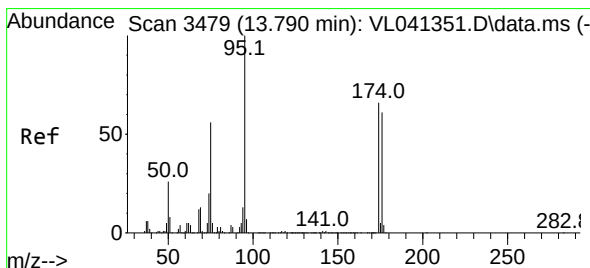
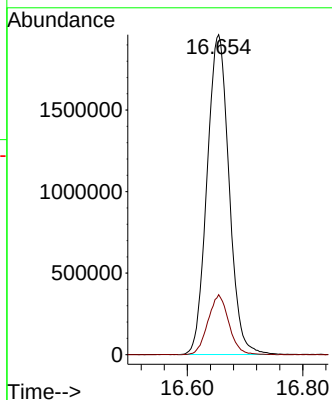
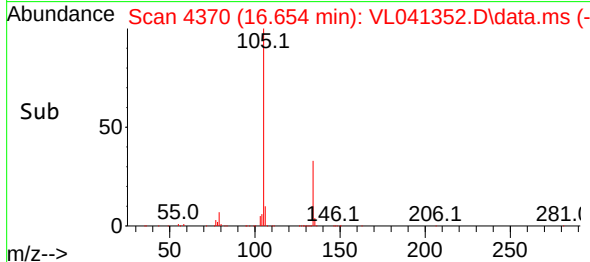
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:105 Resp: 519154
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.3 21.5

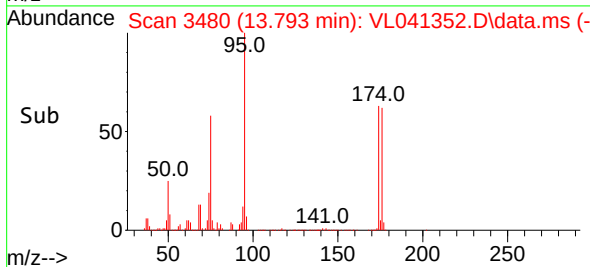
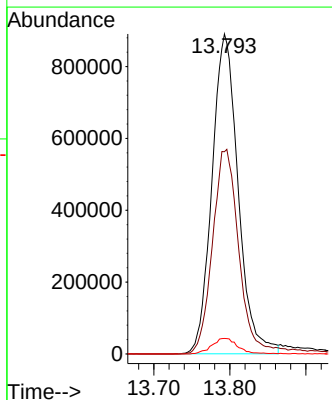
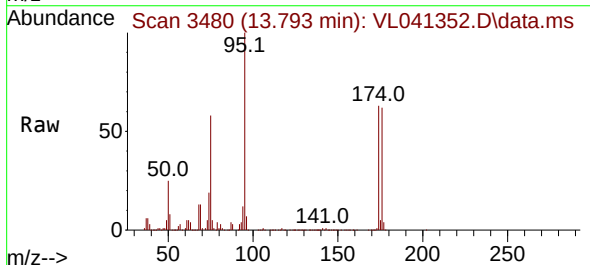
Manual Integrations
 APPROVED

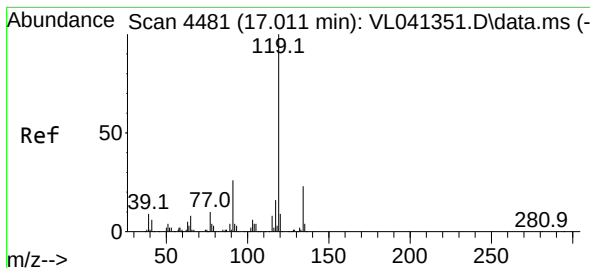
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.627 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.023 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

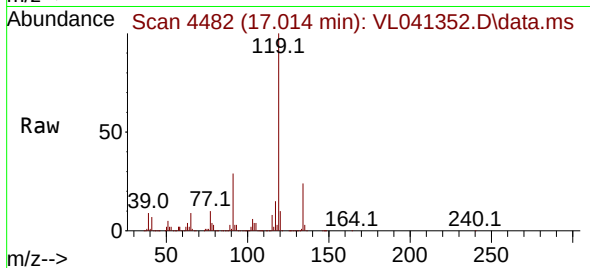
Tgt Ion: 95 Resp: 2125061
 Ion Ratio Lower Upper
 95 100
 174 66.4 52.2 78.2
 175 5.0 4.1 6.1





#69
p-Isopropyltoluene
Concen: 9.290 ppbv
RT: 17.014 min Scan# 4481
Delta R.T. 0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

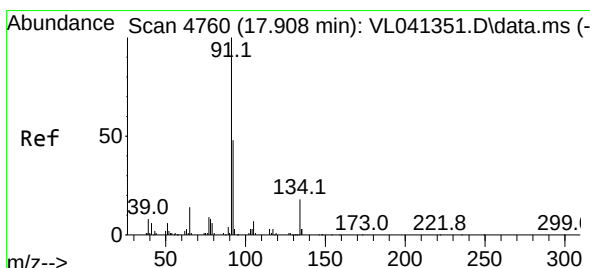
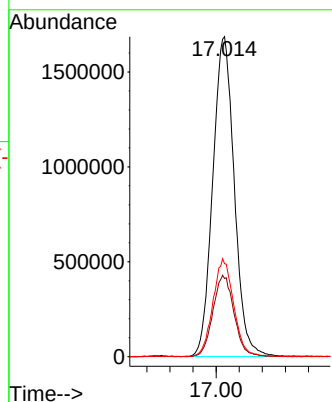
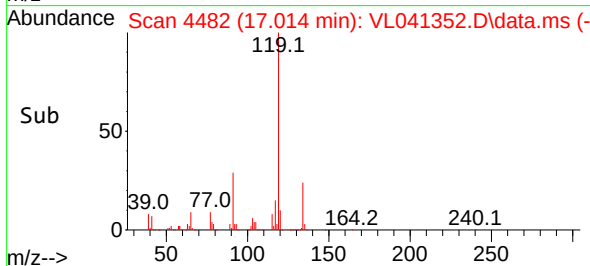
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



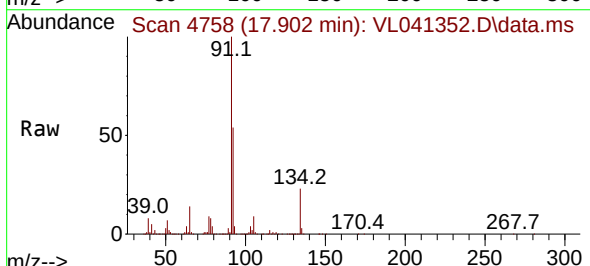
Tgt Ion: 119 Resp: 4352908
Ion Ratio Lower Upper
119 100
134 25.0 20.1 30.1
91 29.6 24.1 36.1

Manual Integrations
APPROVED

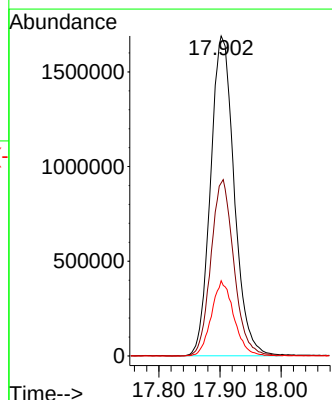
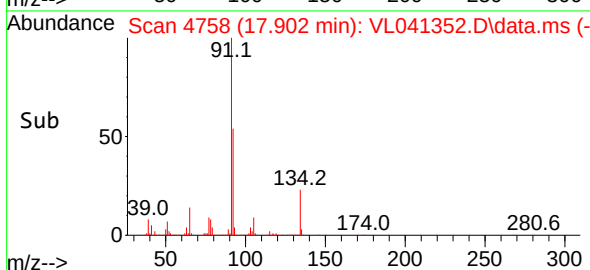
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

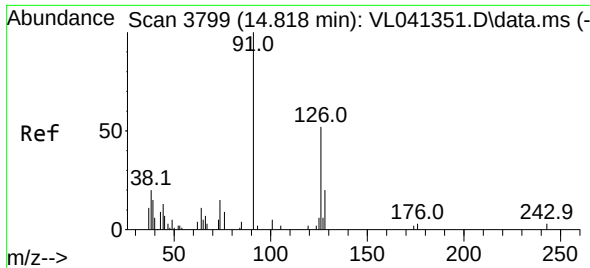


#70
n-Butylbenzene
Concen: 9.335 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52



Tgt Ion: 91 Resp: 4537643
Ion Ratio Lower Upper
91 100
92 53.8 42.9 64.3
134 22.5 17.9 26.9





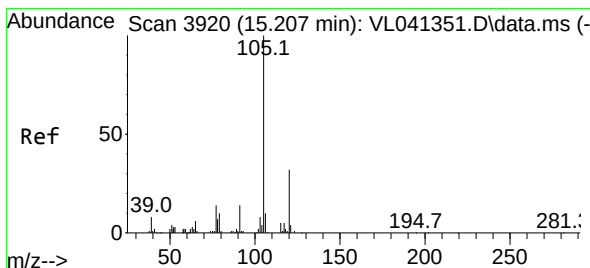
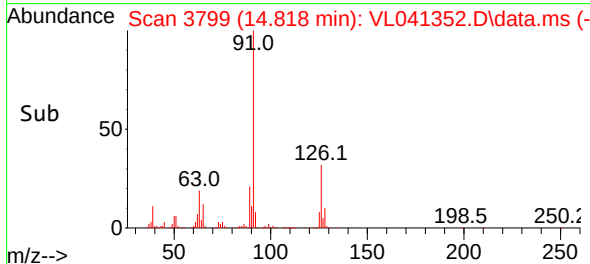
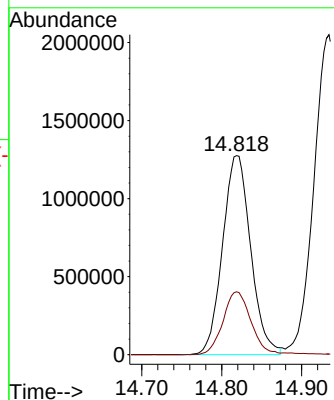
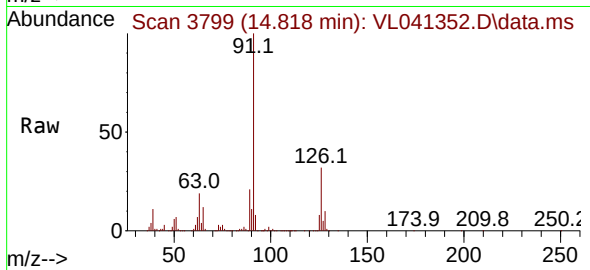
#71
2-Chlorotoluene
Concen: 9.001 ppbv
RT: 14.818 min Scan# 3118670
Delta R.T. 0.023 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3118670
Ion Ratio Lower Upper
91 100
126 32.3 12.4 49.8

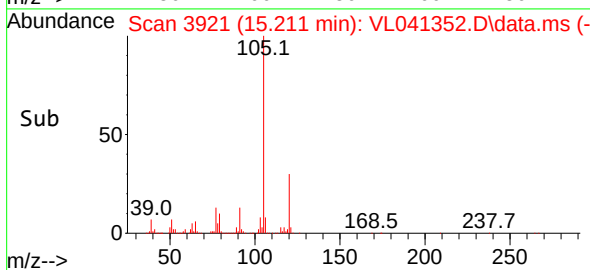
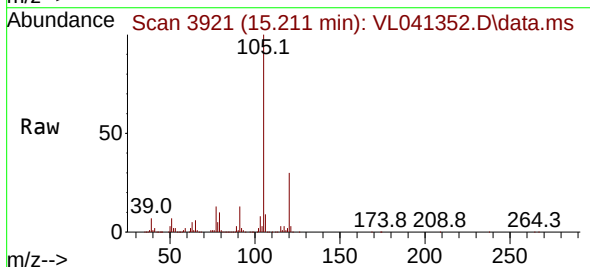
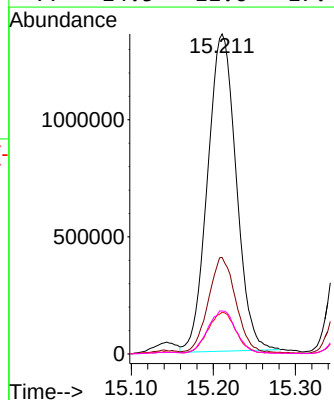
Manual Integrations
APPROVED

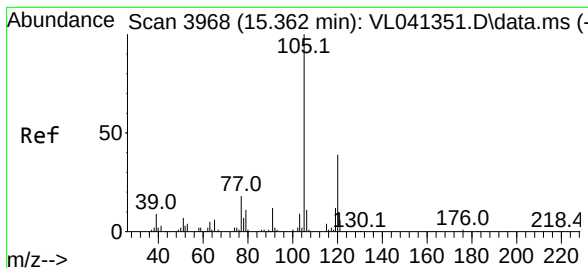
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#72
4-Ethyltoluene
Concen: 9.421 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.022 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion:105 Resp: 3285175
Ion Ratio Lower Upper
105 100
120 30.3 23.7 35.5
91 12.7 10.6 16.0
77 14.5 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.482 ppbv

RT: 15.368 min Scan# 3968

Delta R.T. 0.026 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 286989

Ion Ratio Lower Upper

105 100

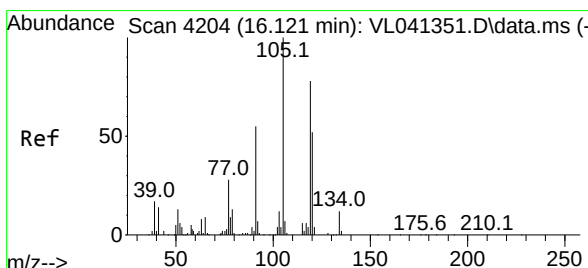
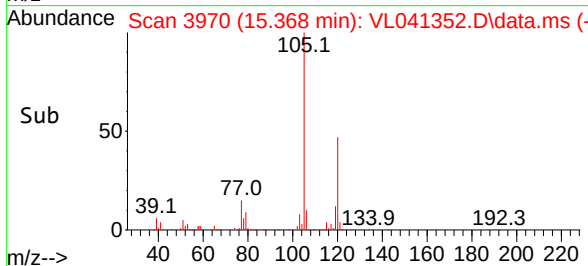
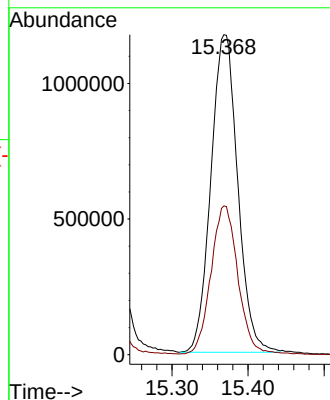
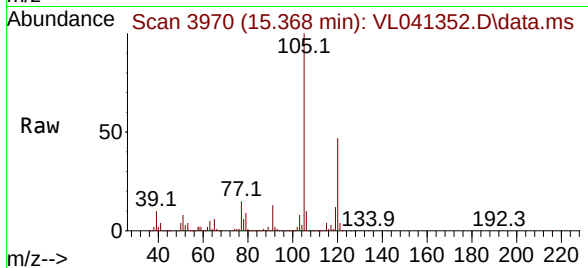
120 46.6 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.312 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. 0.023 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Tgt Ion:105 Resp: 3187317

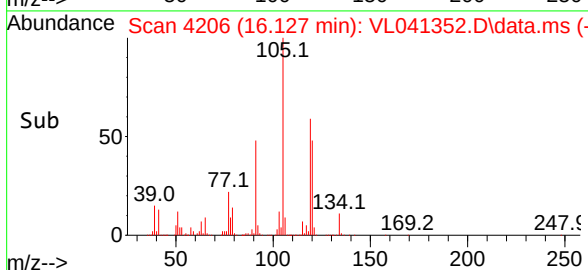
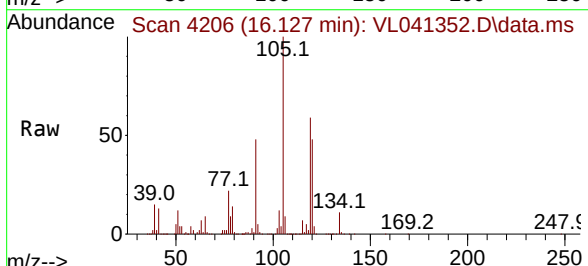
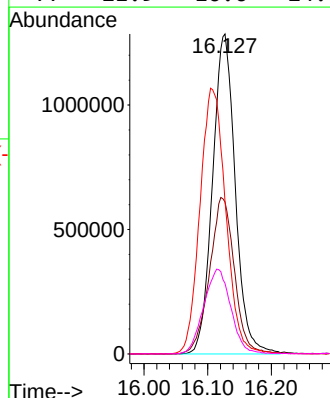
Ion Ratio Lower Upper

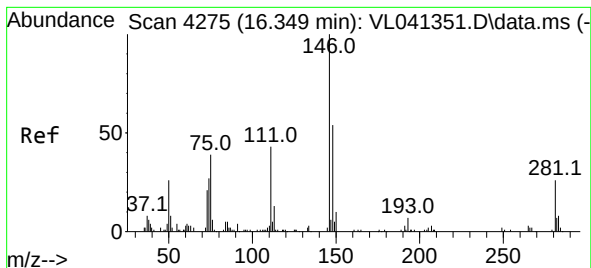
105 100

120 47.3 37.0 55.6

91 47.5 36.2 54.4

77 21.9 16.6 24.8





#75

1,3-Dichlorobenzene

Concen: 9.376 ppbv

RT: 16.349 min Scan# 4275

Delta R.T. 0.026 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 1883920

Ion Ratio Lower Upper

146 100

111 47.0 23.3 69.8

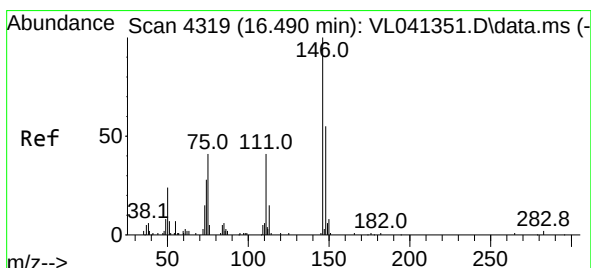
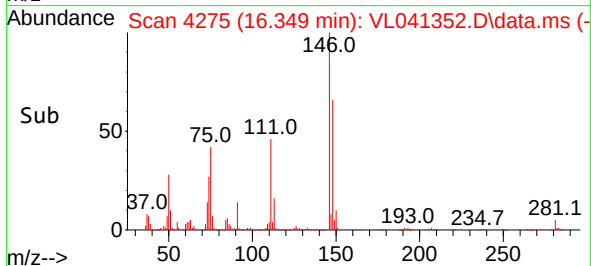
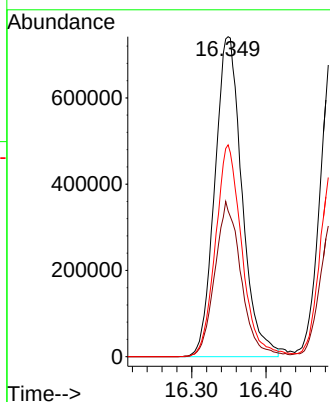
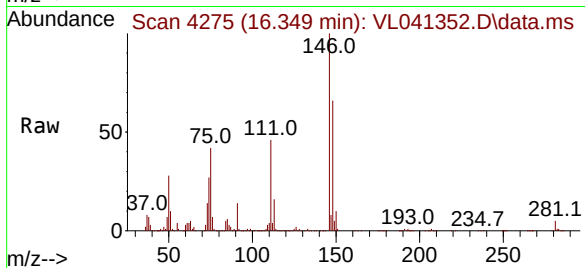
148 64.6 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#76

1,4-Dichlorobenzene

Concen: 9.284 ppbv

RT: 16.490 min Scan# 4319

Delta R.T. 0.026 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

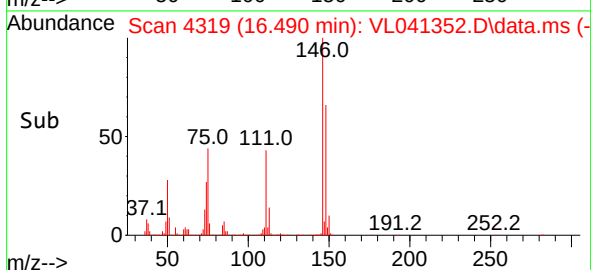
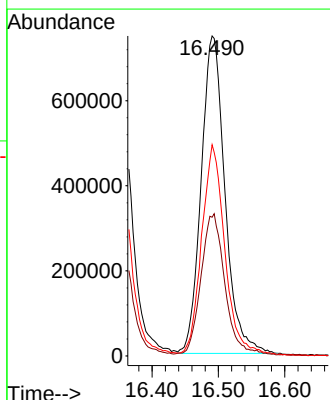
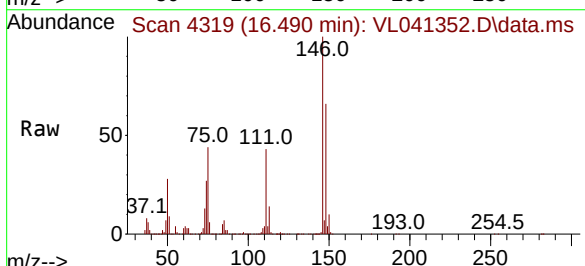
Tgt Ion:146 Resp: 1864089

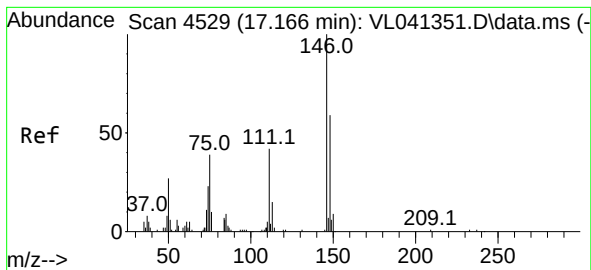
Ion Ratio Lower Upper

146 100

111 45.9 23.3 69.9

148 65.5 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.211 ppbv

RT: 17.159 min Scan# 4527

Delta R.T. 0.023 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 1852808

Ion Ratio Lower Upper

146 100

111 48.1 24.3 72.9

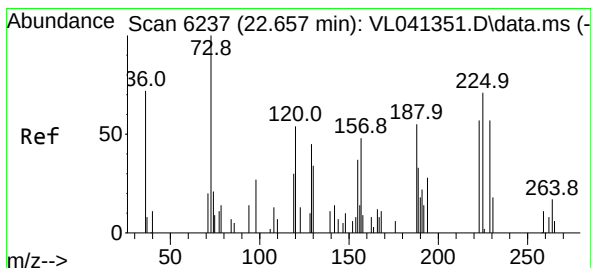
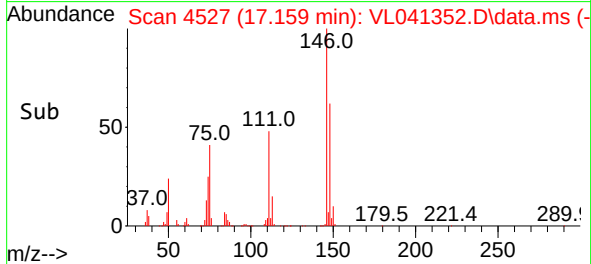
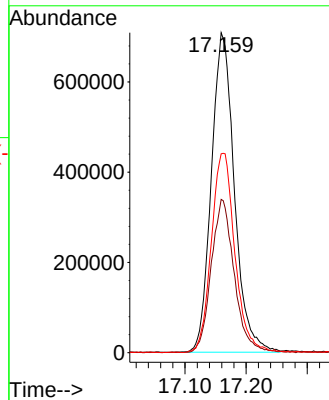
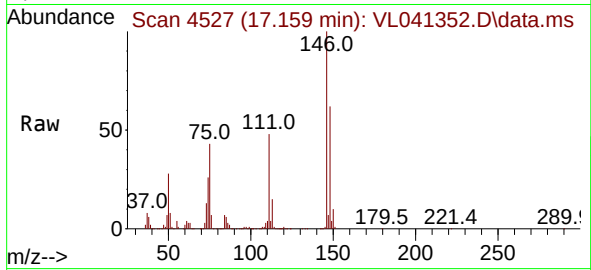
148 63.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.341 ppbv

RT: 22.661 min Scan# 6238

Delta R.T. 0.035 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

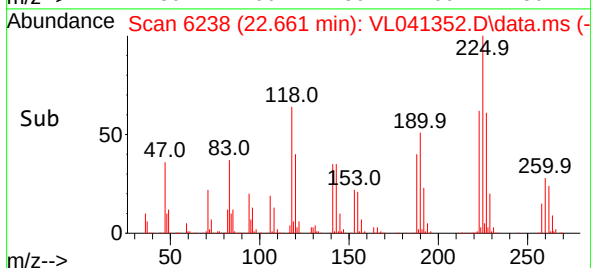
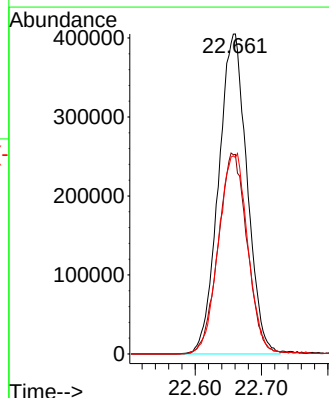
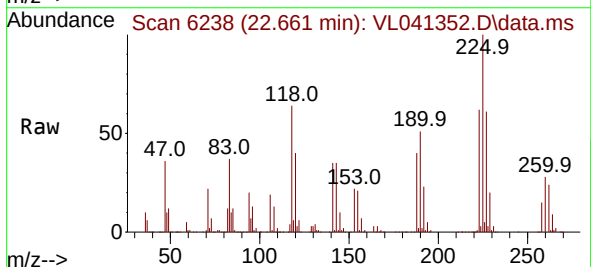
Tgt Ion:225 Resp: 1210089

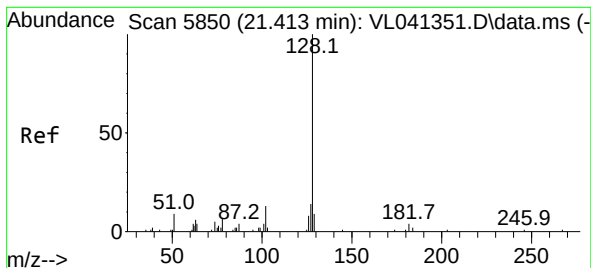
Ion Ratio Lower Upper

225 100

223 64.1 51.0 76.6

227 64.8 51.1 76.7





#79

Naphthalene

Concen: 7.630 ppbv

RT: 21.413 min Scan# 5850

Delta R.T. 0.042 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:128 Resp: 226620

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

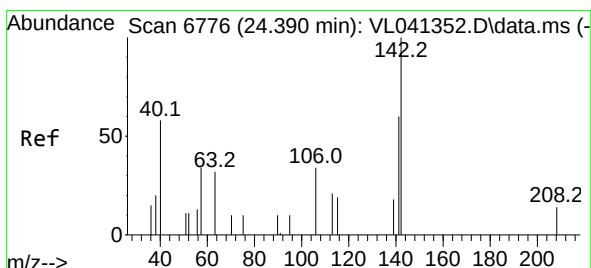
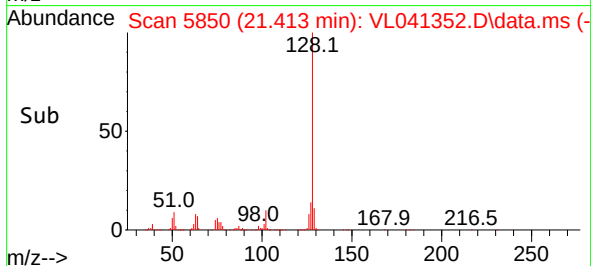
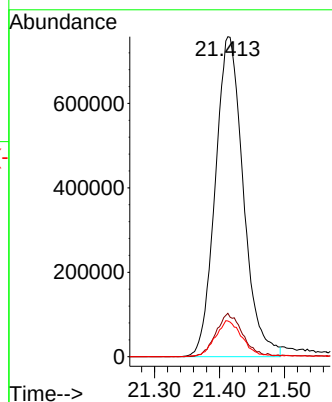
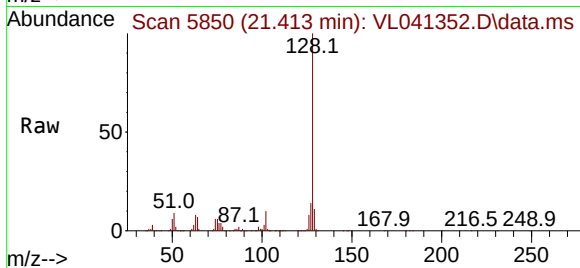
129 11.2 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#80

Naphthalene,2-methyl-

Concen: 0.058 ppbv m

RT: 24.390 min Scan# 6776

Delta R.T. 0.026 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

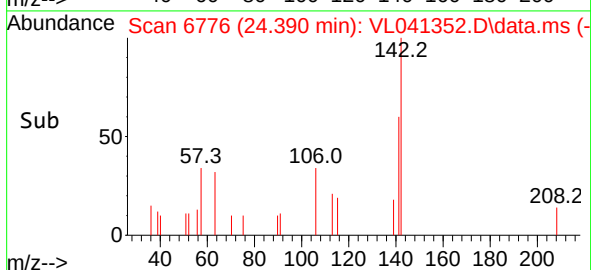
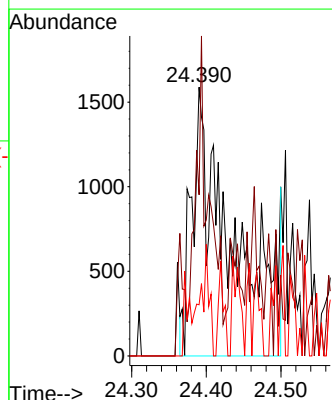
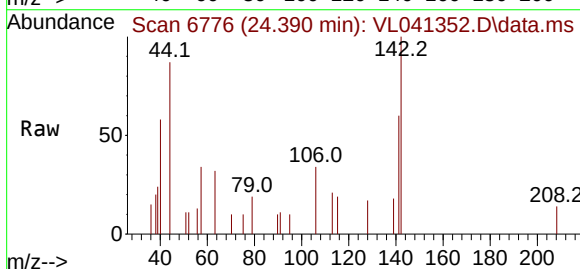
Tgt Ion:142 Resp: 5786

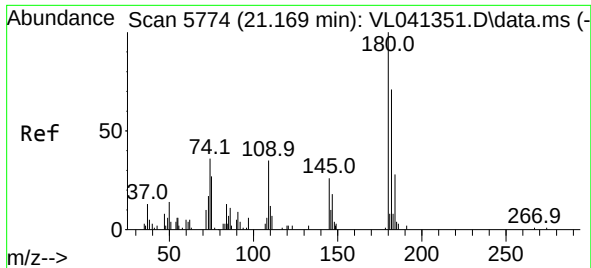
Ion Ratio Lower Upper

142 100

141 47.4 68.5 102.7#

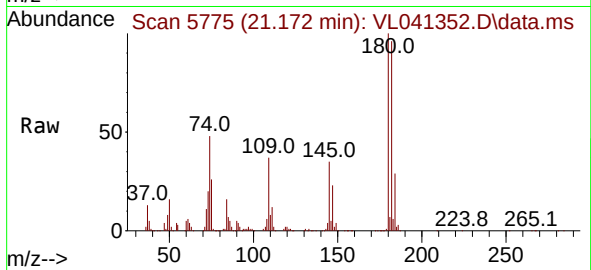
115 13.7 32.6 49.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 7.265 ppbv
 RT: 21.172 min Scan# 51
 Delta R.T. 0.042 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 1203250
 Ion Ratio Lower Upper
 180 100
 182 97.6 77.0 115.6
 184 31.5 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

