

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041082.D
 Acq On : 11 Mar 2024 11:05
 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 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 05:48:54 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

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

QLast Update : Tue Mar 12 05:47:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1502734	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.667	114	3742346	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	3616248	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.796 95 2849661 10.079 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	2678715	9.355	ppbv	100
3) Chlorodifluoromethane	2.671	51	2050486	9.291	ppbv	100
4) Chloromethane	2.809	50	757058	9.063	ppbv	100
5) Vinyl Chloride	2.918	62	806871	9.493	ppbv	100
6) Bromomethane	3.118	94	334301	9.918	ppbv	100
7) Chloroethane	3.195	64	284540	9.512	ppbv	100
8) Dichlorotetrafluoroethane	2.854	85	1929996	9.281	ppbv	100
9) Propene	2.690	41	693835	9.440	ppbv	100
10) Heptane	7.597	43	1736959	9.877	ppbv	100
11) Trichlorofluoromethane	3.565	101	2095659	9.491	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.070	101	1550208	9.549	ppbv	100
13) Ethanol	3.240	45	160550m	8.633	ppbv	
14) Bromoethene	3.365	108	611053	9.653	ppbv	100
15) Acetone	3.468	43	1405666	8.211	ppbv	100
16) 1,3-Butadiene	2.983	39	752586	9.337	ppbv	100
17) tert-Butyl alcohol	3.880	59	1190661	9.354	ppbv	100
18) 1,1-Dichloroethene	3.883	96	679069	9.500	ppbv	100
19) Isopropyl Alcohol	3.574	45	869034	9.503	ppbv	100
20) Methylene Chloride	3.934	84	572950	8.584	ppbv	100
21) Allyl Chloride	3.999	41	928568	9.603	ppbv	100
22) trans-1,2-Dichloroethene	4.452	96	830475	9.758	ppbv	100
23) Vinyl Acetate	4.632	43	2006716	10.555	ppbv	100
24) 1,1-Dichloroethane	4.571	63	1727053	9.868	ppbv	100
25) Ethyl Acetate	5.211	43	2945705	9.550	ppbv	100
26) Hexane	5.221	57	1298990	9.390	ppbv	100
27) Carbon Disulfide	4.127	76	1695025	10.257	ppbv	100
28) Methyl tert-Butyl Ether	4.590	73	1184780	9.720	ppbv	100
29) Chloroform	5.285	83	2227885	9.363	ppbv	100
30) Cyclohexane	6.613	84	1084141	9.577	ppbv	100
31) cis-1,2-Dichloroethene	5.086	61	1331995	9.940	ppbv	100
32) 1,1,1-Trichloroethane	6.012	97	2167181	10.168	ppbv	100
34) 2-Butanone	4.790	43	1864593	10.035	ppbv	100
35) Carbon Tetrachloride	6.507	117	2312621	10.613	ppbv	100
36) Benzene	6.381	78	2748449	9.866	ppbv	100
37) 1,2-Dichloroethane	5.819	62	1655674	9.879	ppbv	100
38) Trichloroethene	7.307	130	1072379	10.312	ppbv	100
39) 1,2-Dichloropropane	7.085	63	1074709	9.648	ppbv	100
40) 1,4-Dioxane	7.298	88	432254	9.843	ppbv	100
41) Tetrahydrofuran	5.561	42	1121702	10.176	ppbv	100
42) Bromodichloromethane	7.262	83	2417882	10.070	ppbv	100
43) Methyl Methacrylate	7.487	69	1136716	10.562	ppbv	100
44) 2,2,4-Trimethylpentane	7.339	57	4535053	9.741	ppbv	100
45) t-1,3-Dichloropropene	8.728	75	859610	11.499	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041082.D
 Acq On : 11 Mar 2024 11:05
 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 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 05:48:54 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

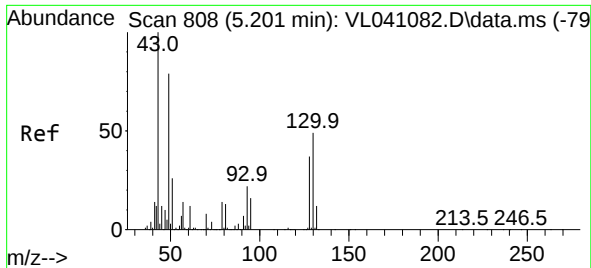
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Mar 12 05:47:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	1030279	11.062	ppbv	100
47) 1,1,2-Trichloroethane	8.915	97	1173029	9.852	ppbv	100
48) Dibromochloromethane	9.728	129	2045282	10.544	ppbv	100
49) Bromoform	12.426	173	1697398	11.015	ppbv	100
50) 4-Methyl-2-Pentanone	8.195	43	2839206	10.389	ppbv	100
51) 2-Hexanone	9.564	43	2088084	10.318	ppbv	100
52) Tetrachloroethene	10.632	164	943120	10.888	ppbv	100
53) Toluene	9.236	91	3150760	10.493	ppbv	100
54) 1,2-Dibromoethane	10.027	107	1682200	11.012	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.526	131	1490043	9.623	ppbv	100
57) Chlorobenzene	11.545	112	2469206	9.537	ppbv	100
58) Ethyl Benzene	12.105	91	4304749	10.167	ppbv	100
59) m/p-Xylene	12.387	91	7333136m	19.729	ppbv	
60) o-Xylene	13.079	91	3539944	10.041	ppbv	100
61) Styrene	12.915	104	1825155	11.351	ppbv	100
62) Isopropylbenzene	14.047	105	5118958	9.761	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.066	83	2663340	9.894	ppbv	100
64) n-propylbenzene	14.934	120	1323777	10.018	ppbv	100
65) tert-Butylbenzene	16.111	119	4453629	9.790	ppbv	100
66) Benzyl Chloride	16.342	91	339120	11.062	ppbv	100
67) sec-Butylbenzene	16.654	105	6360806	9.706	ppbv	100
69) p-Isopropyltoluene	17.014	119	5123320	10.022	ppbv	100
70) n-Butylbenzene	17.902	91	5573867	10.089	ppbv	100
71) 2-Chlorotoluene	14.818	91	4036207	10.067	ppbv	100
72) 4-Ethyltoluene	15.211	105	4062674	10.457	ppbv	100
73) 1,3,5-Trimethylbenzene	15.368	105	3501734	10.185	ppbv	100
74) 1,2,4-Trimethylbenzene	16.127	105	3833200	9.762	ppbv	100
75) 1,3-Dichlorobenzene	16.346	146	2255256m	10.064	ppbv	
76) 1,4-Dichlorobenzene	16.490	146	2198393	9.750	ppbv	100
77) 1,2-Dichlorobenzene	17.162	146	2167733	9.793	ppbv	100
78) Hexachloro-1,3-Butadiene	22.654	225	1299264	8.392	ppbv	100
79) Naphthalene	21.406	128	2783574	12.045	ppbv	100
80) Naphthalene,2-methyl-	24.390	142	436496	14.466	ppbv	100
81) 1,2,4-Trichlorobenzene	21.162	180	1377389	10.428	ppbv	100

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



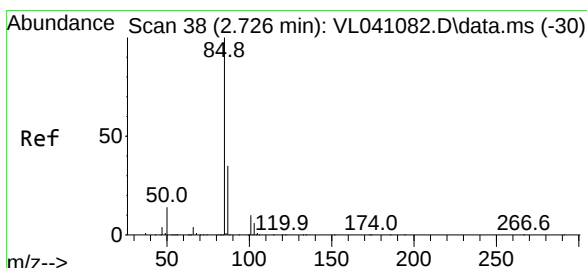
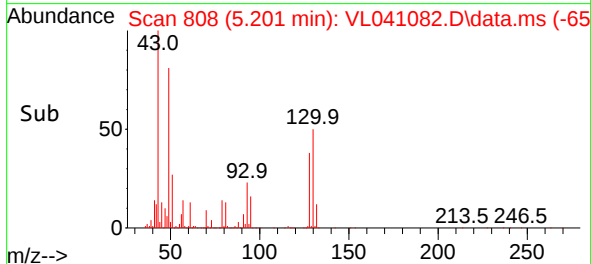
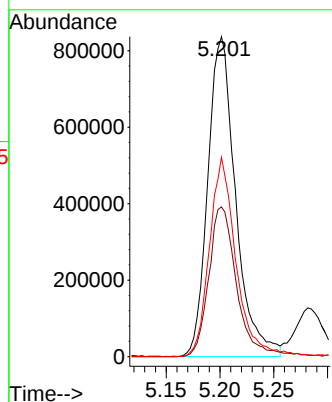
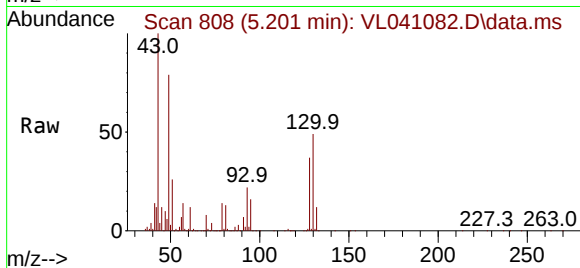
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1502734
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.5
130 60.6 30.3 90.9

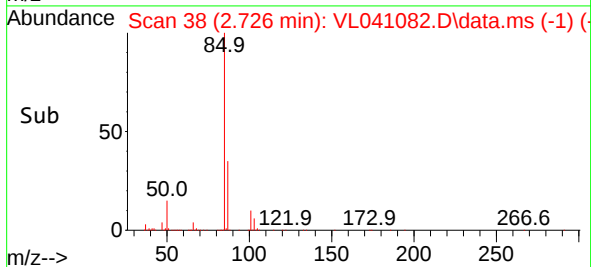
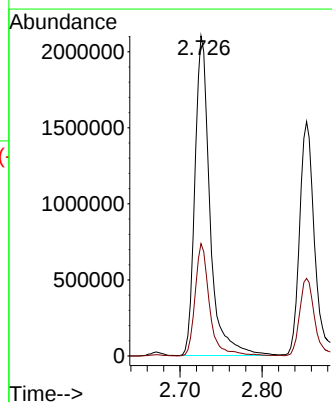
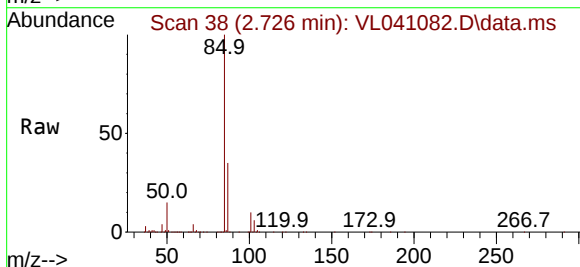
Manual Integrations
APPROVED

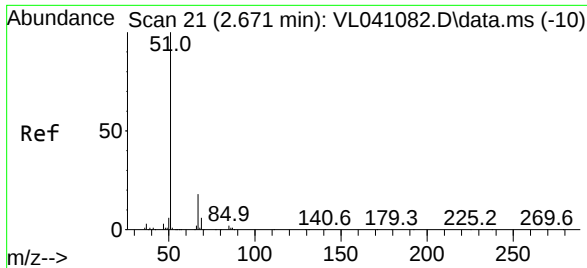
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#2
Dichlorodifluoromethane
Concen: 9.355 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

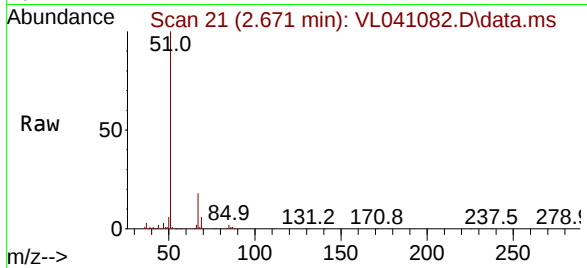
Tgt Ion: 85 Resp: 2678715
Ion Ratio Lower Upper
85 100
87 35.1 28.1 42.1





#3
Chlorodifluoromethane
Concen: 9.291 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

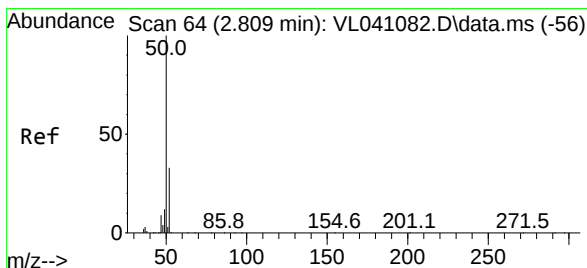
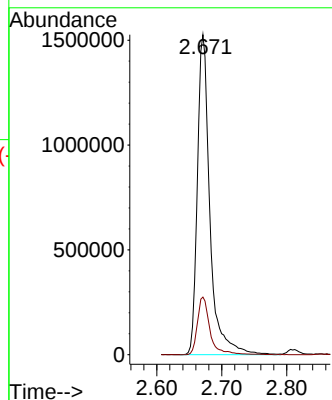
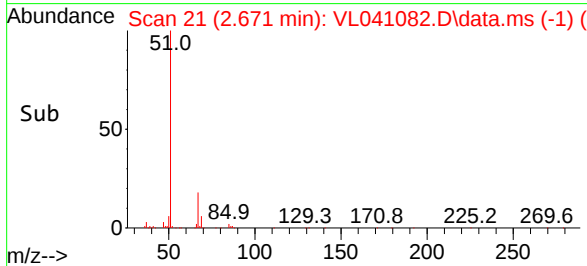
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



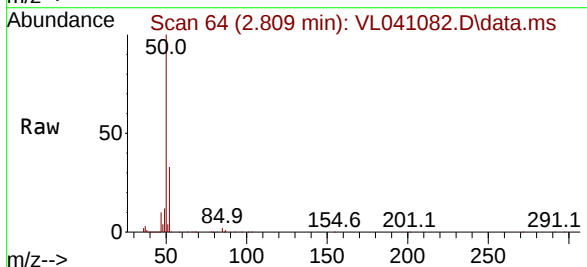
Tgt Ion: 51 Resp: 2050480
Ion Ratio Lower Upper
51 100
67 18.1 14.5 21.7

Manual Integrations
APPROVED

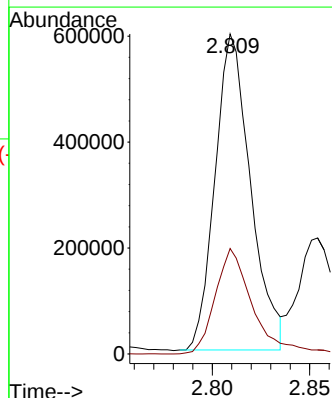
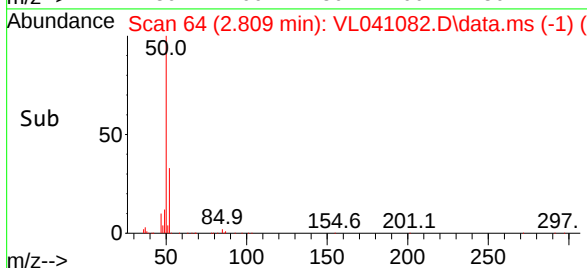
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

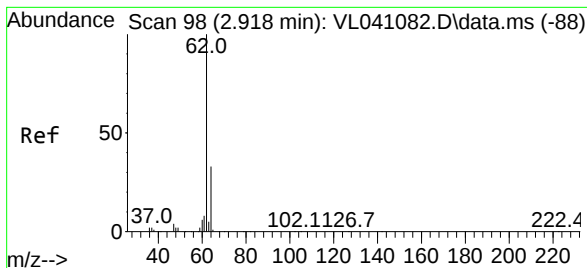


#4
Chloromethane
Concen: 9.063 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05



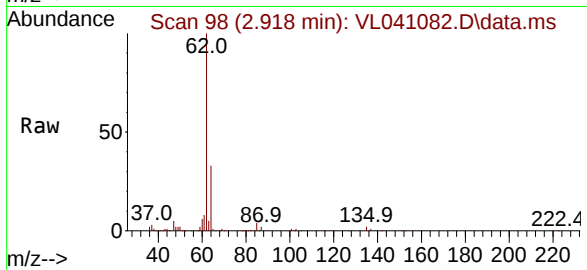
Tgt Ion: 50 Resp: 757058
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0





#5
 Vinyl Chloride
 Concen: 9.493 ppbv
 RT: 2.918 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

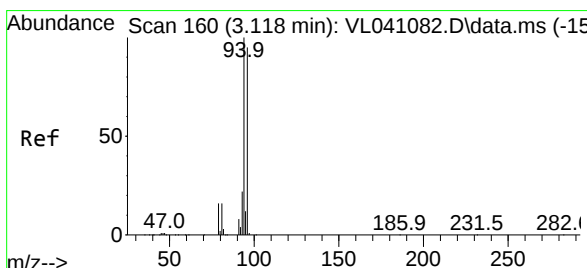
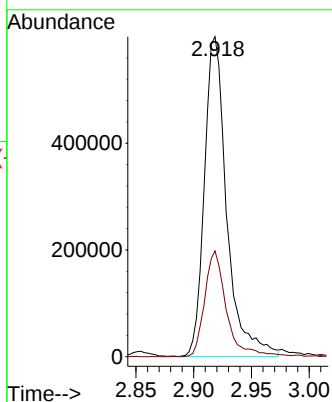
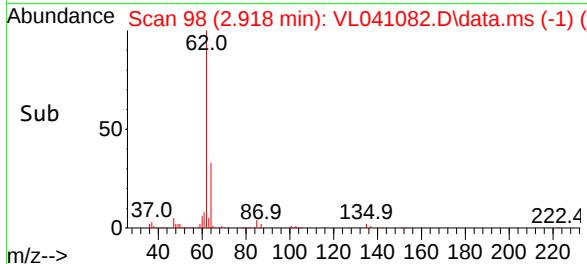
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



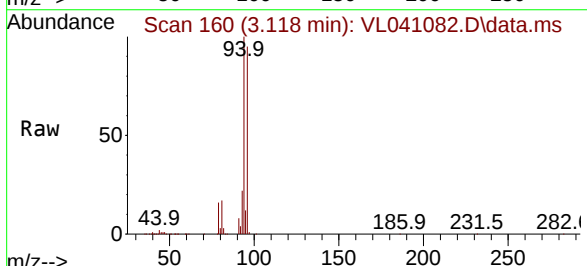
Tgt Ion: 62 Resp: 80687
 Ion Ratio Lower Upper
 62 100
 64 33.1 26.5 39.7

Manual Integrations
 APPROVED

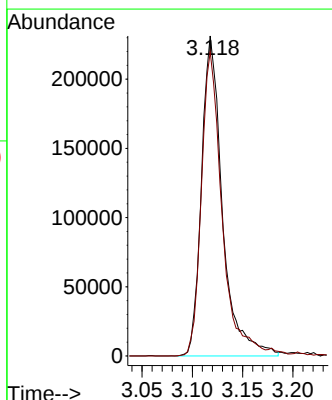
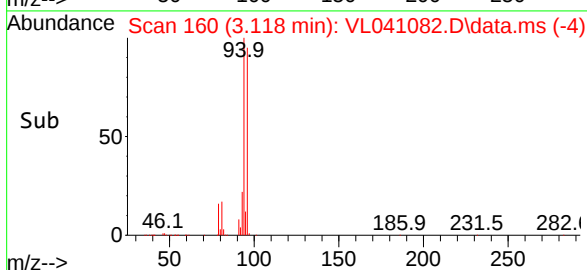
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

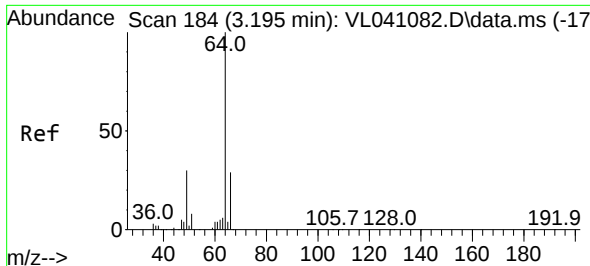


#6
 Bromomethane
 Concen: 9.918 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05



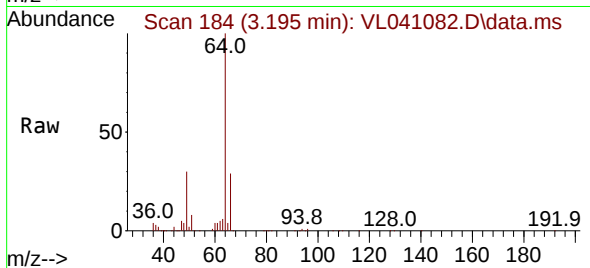
Tgt Ion: 94 Resp: 334301
 Ion Ratio Lower Upper
 94 100
 96 95.0 76.0 114.0





#7
Chloroethane
Concen: 9.512 ppbv
RT: 3.195 min Scan# 184
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

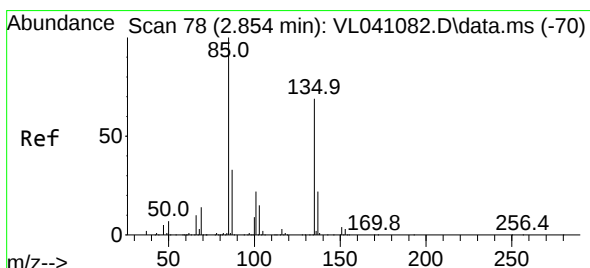
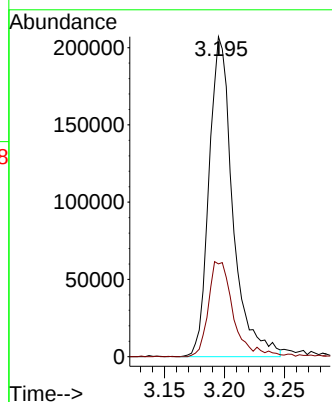
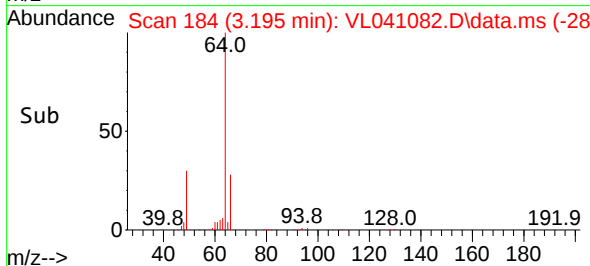
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 284540
Ion Ratio Lower Upper
64 100
66 29.0 23.2 34.8

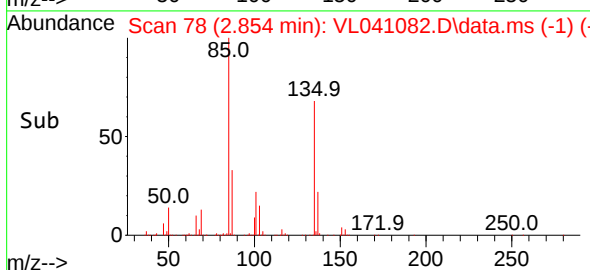
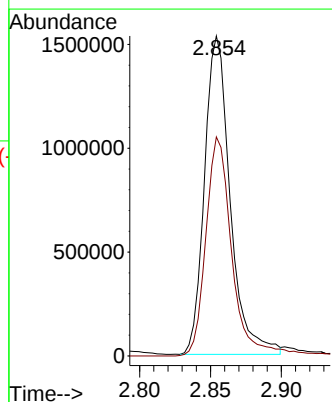
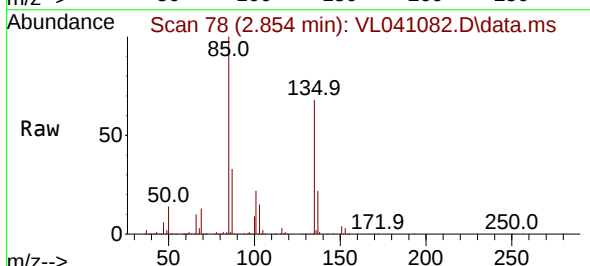
Manual Integrations
APPROVED

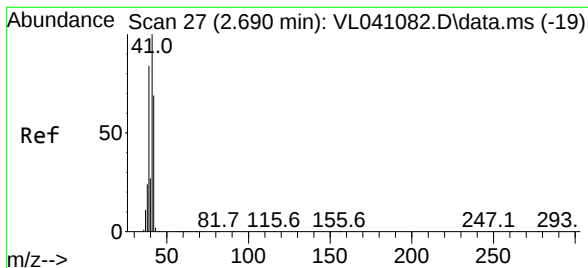
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#8
Dichlorotetrafluoroethane
Concen: 9.281 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

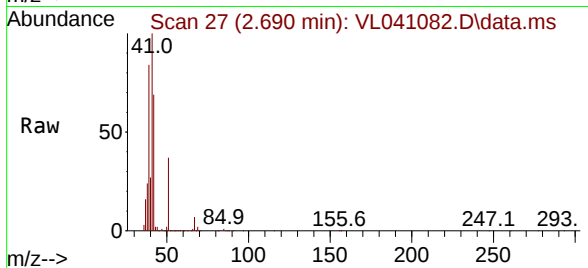
Tgt Ion: 85 Resp: 1929996
Ion Ratio Lower Upper
85 100
135 70.9 56.7 85.1





#9
 Propene
 Concen: 9.440 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

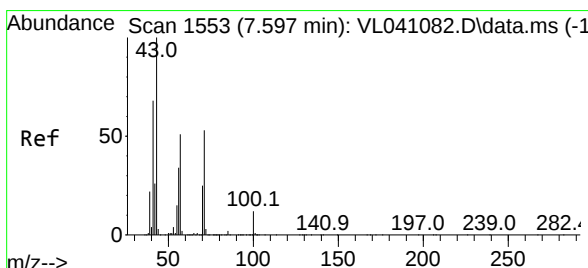
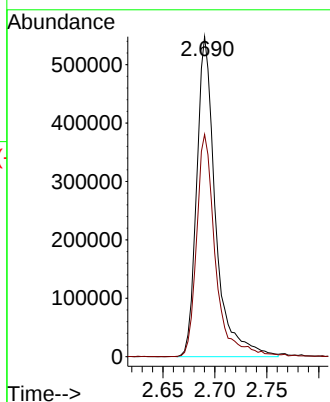
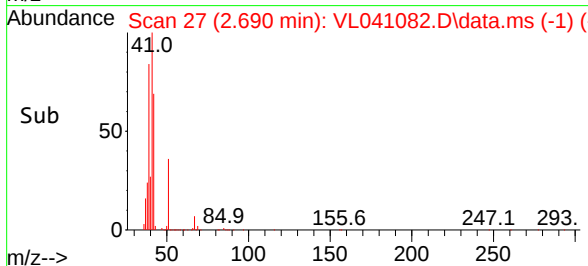
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



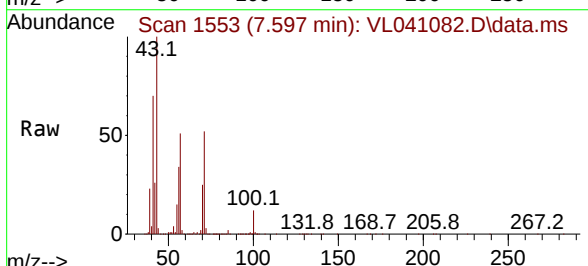
Tgt Ion: 41 Resp: 693835
 Ion Ratio Lower Upper
 41 100
 42 69.9 55.9 83.9

Manual Integrations
 APPROVED

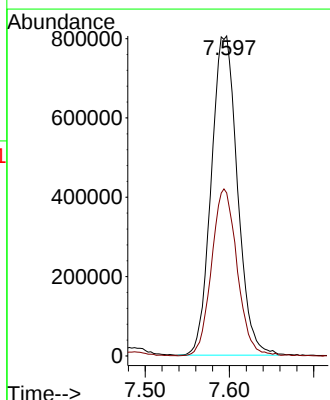
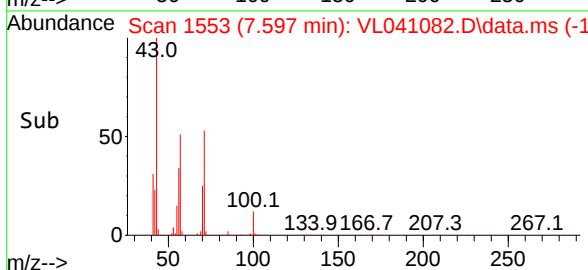
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

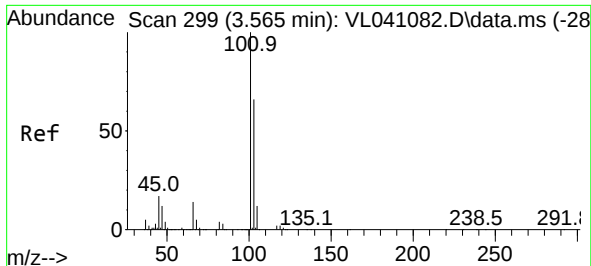


#10
 Heptane
 Concen: 9.877 ppbv
 RT: 7.597 min Scan# 1553
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05



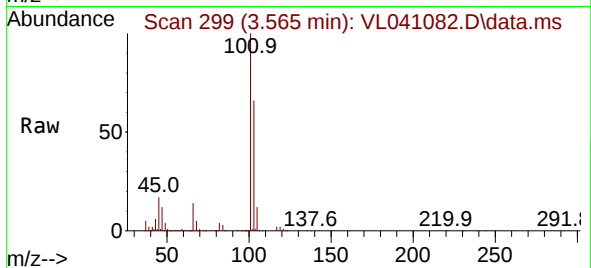
Tgt Ion: 43 Resp: 1736959
 Ion Ratio Lower Upper
 43 100
 57 51.3 41.0 61.6





#11
 Trichlorofluoromethane
 Concen: 9.491 ppbv
 RT: 3.565 min Scan# 299
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

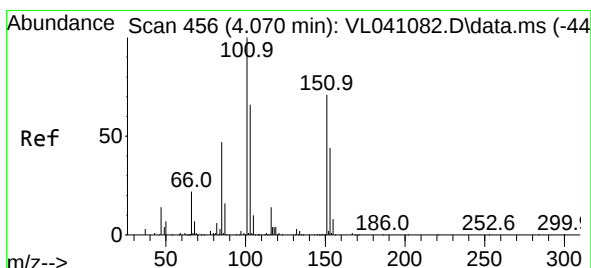
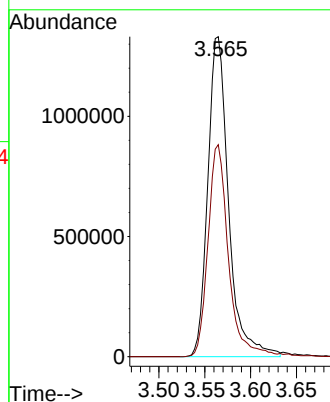
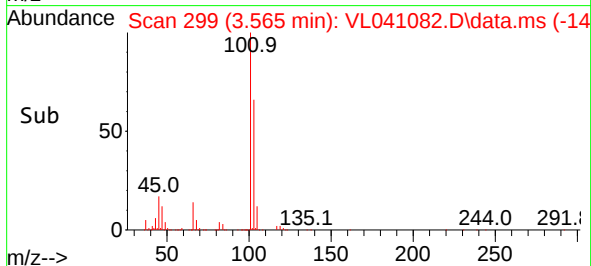
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



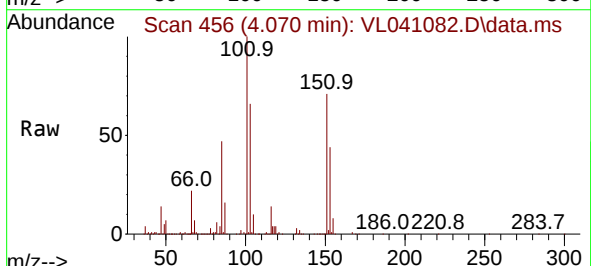
Tgt Ion:101 Resp: 2095659
 Ion Ratio Lower Upper
 101 100
 103 66.2 53.0 79.4

Manual Integrations
 APPROVED

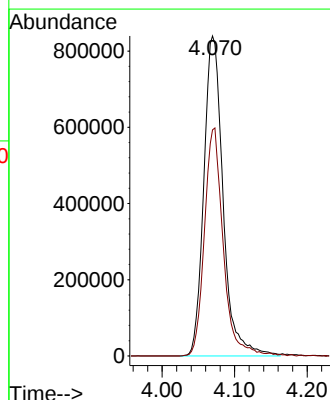
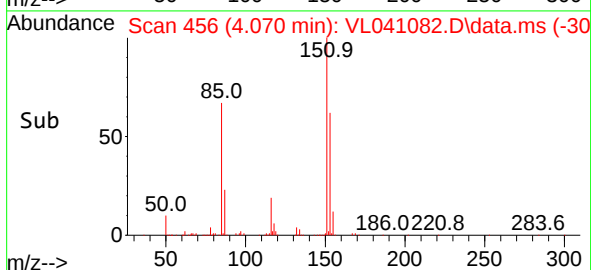
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

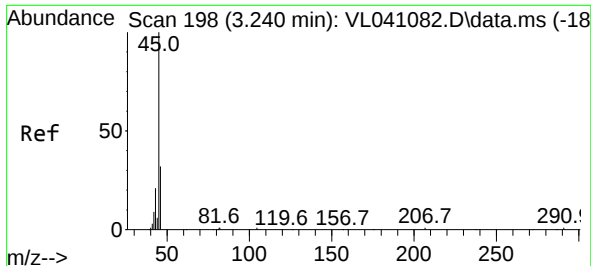


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.549 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05



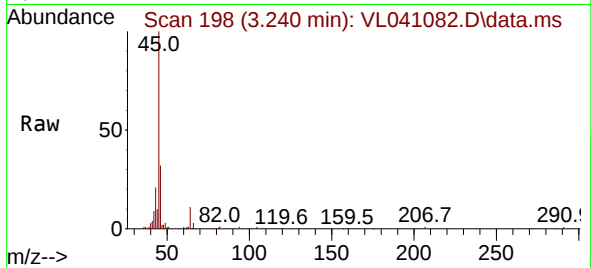
Tgt Ion:101 Resp: 1550208
 Ion Ratio Lower Upper
 101 100
 151 69.8 55.8 83.8





#13
Ethanol
Concen: 8.633 ppbv m
RT: 3.240 min Scan# 198
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

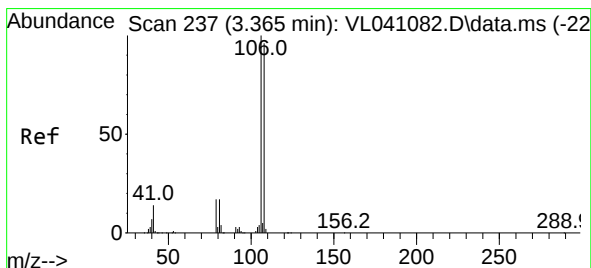
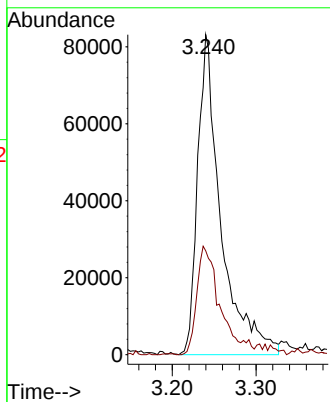
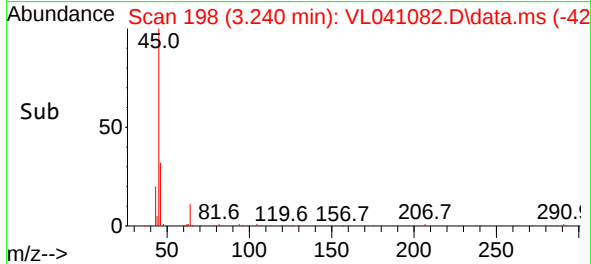
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



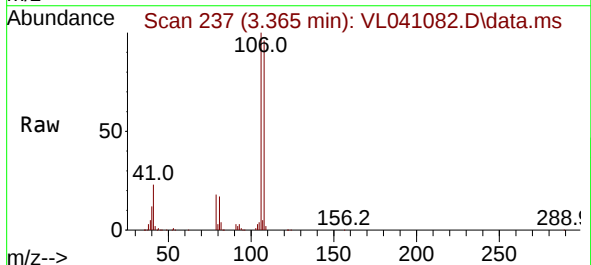
Tgt Ion: 45 Resp: 160550
Ion Ratio Lower Upper
45 100
46 36.4 14.6 58.2

Manual Integrations
APPROVED

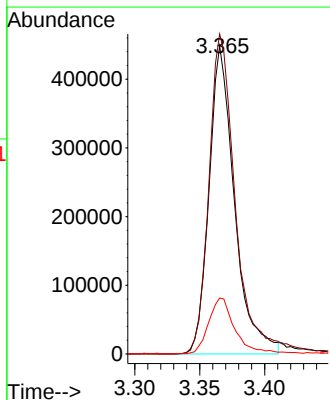
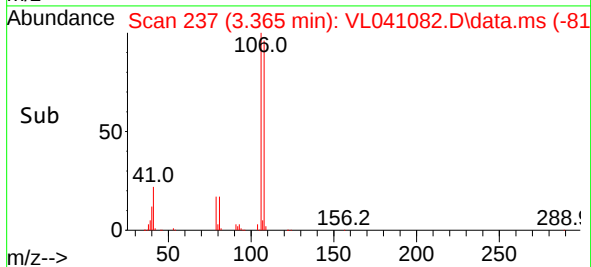
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

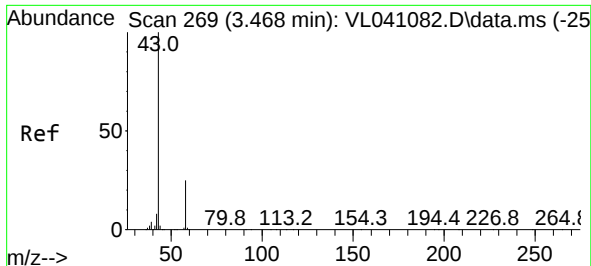


#14
Bromoethene
Concen: 9.653 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05



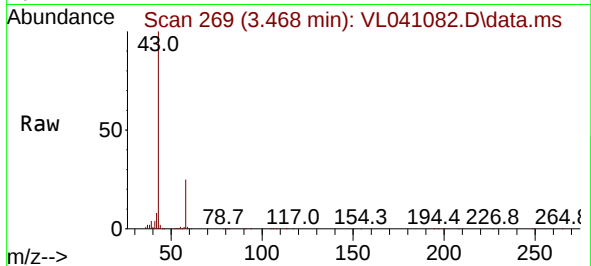
Tgt Ion:108 Resp: 611053
Ion Ratio Lower Upper
108 100
106 110.1 88.1 132.1
79 19.5 15.6 23.4





#15
Acetone
Concen: 8.211 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

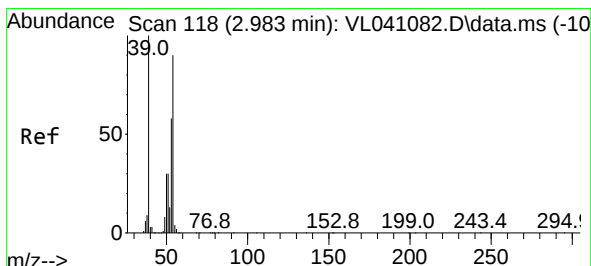
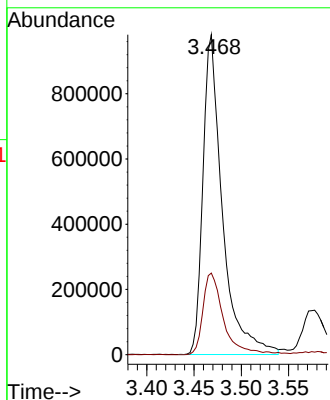
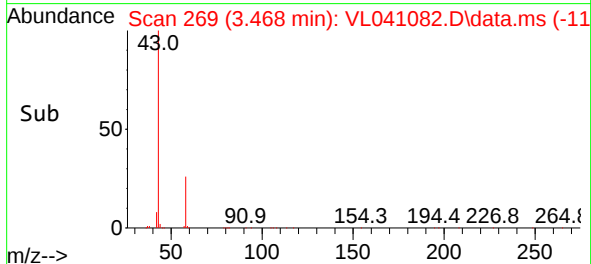
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



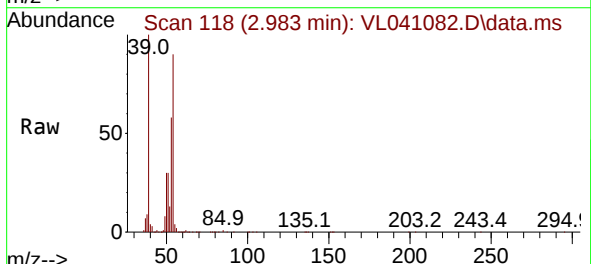
Tgt Ion: 43 Resp: 140566
Ion Ratio Lower Upper
43 100
58 27.1 21.7 32.5

Manual Integrations
APPROVED

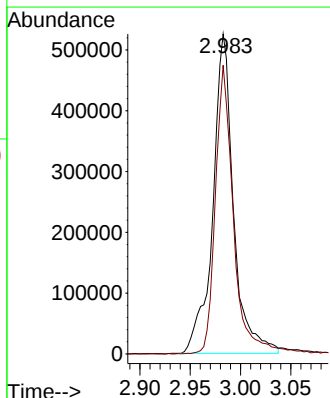
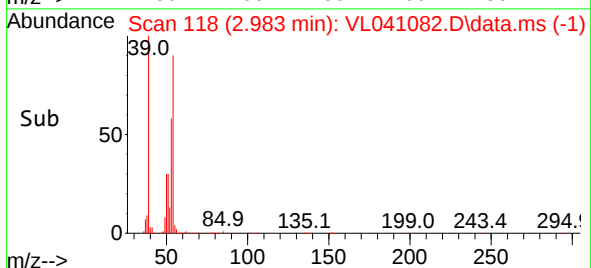
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

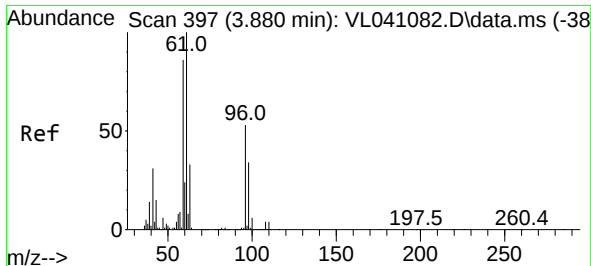


#16
1,3-Butadiene
Concen: 9.337 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05



Tgt Ion: 39 Resp: 752586
Ion Ratio Lower Upper
39 100
54 80.0 64.0 96.0





#17

tert-Butyl alcohol

Concen: 9.354 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 119066

Ion Ratio Lower Upper

59 100

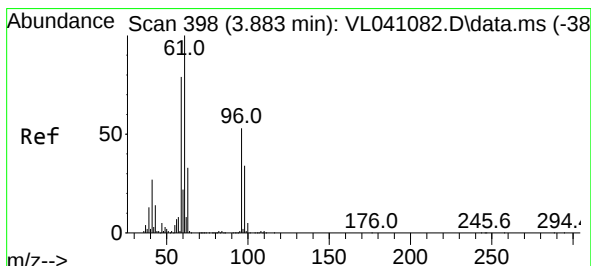
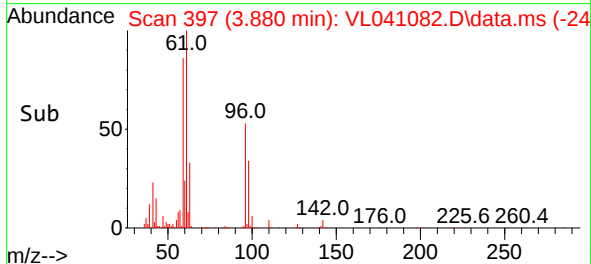
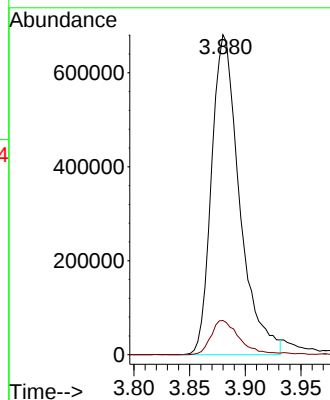
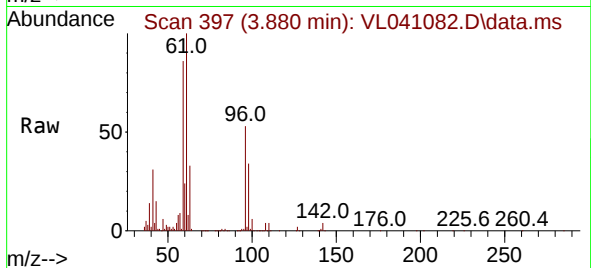
57 11.3 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#18

1,1-Dichloroethene

Concen: 9.500 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

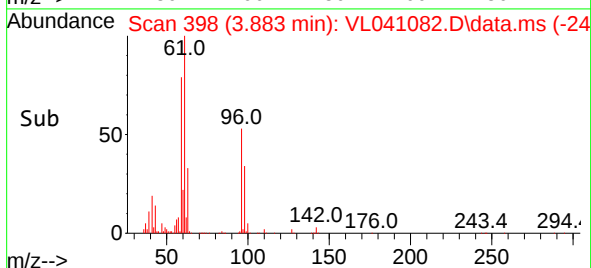
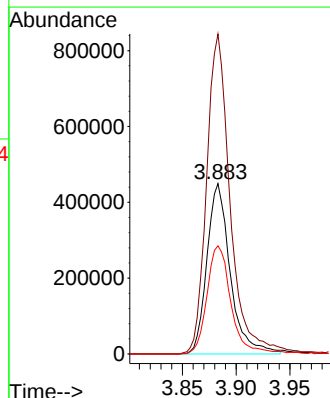
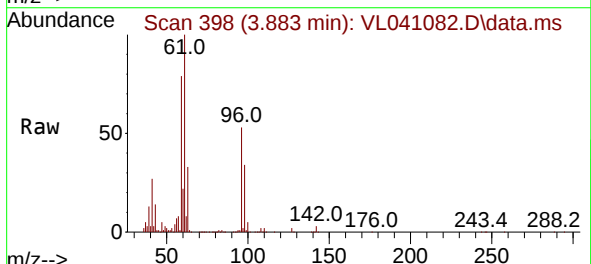
Tgt Ion: 96 Resp: 679069

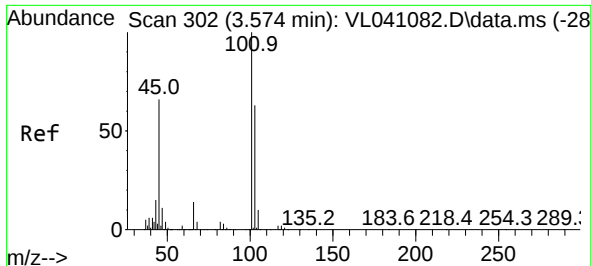
Ion Ratio Lower Upper

96 100

61 187.7 150.2 225.2

98 63.4 50.7 76.1





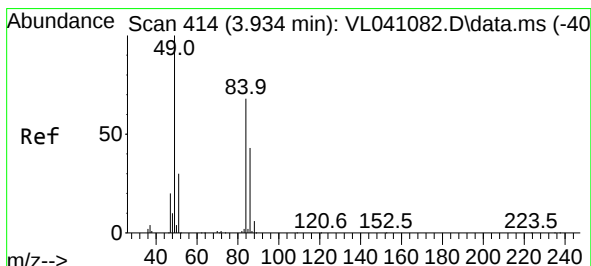
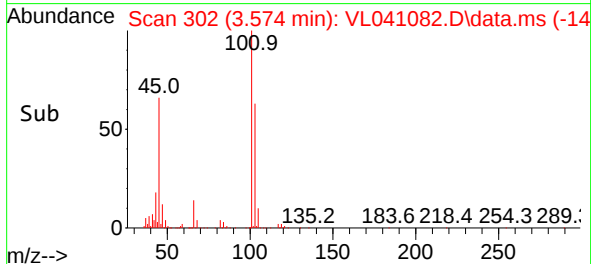
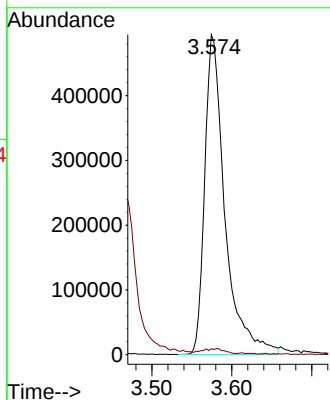
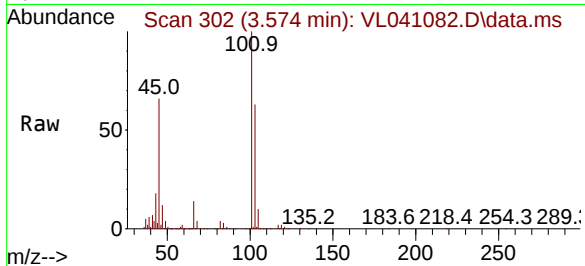
#19
Isopropyl Alcohol
Concen: 9.503 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 869034
Ion Ratio Lower Upper
45 100
58 2.8 2.2 3.4

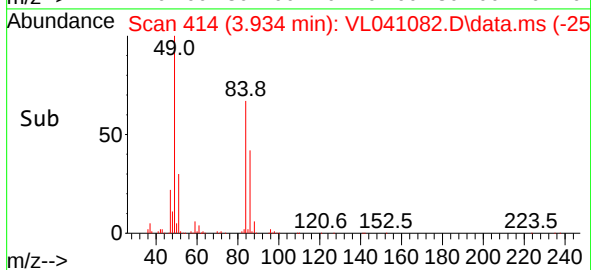
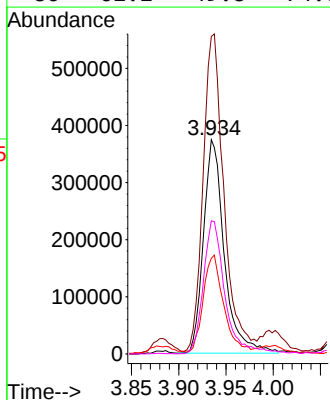
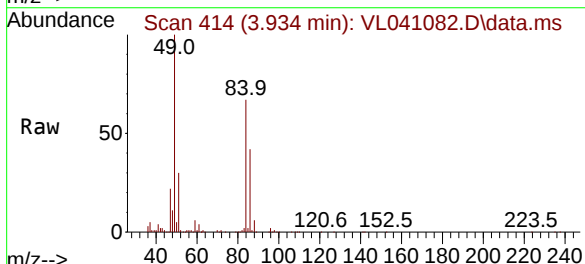
Manual Integrations
APPROVED

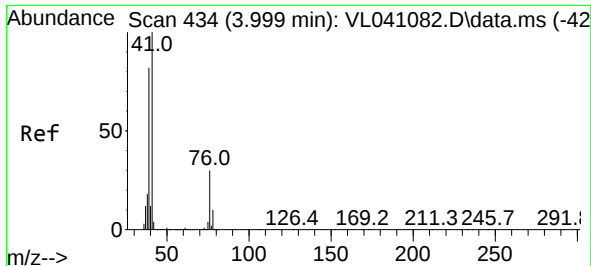
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#20
Methylene Chloride
Concen: 8.584 ppbv
RT: 3.934 min Scan# 414
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

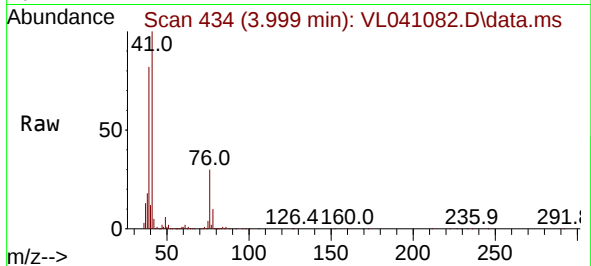
Tgt Ion: 84 Resp: 572950
Ion Ratio Lower Upper
84 100
49 146.3 117.0 175.6
51 43.6 34.9 52.3
86 62.2 49.8 74.6





#21
 Allyl Chloride
 Concen: 9.603 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

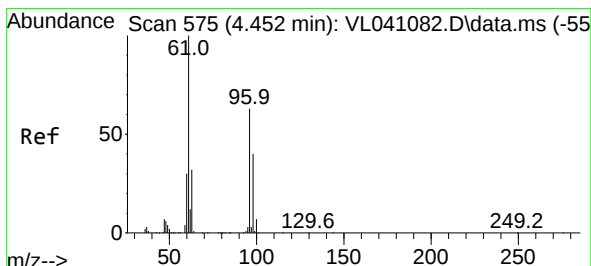
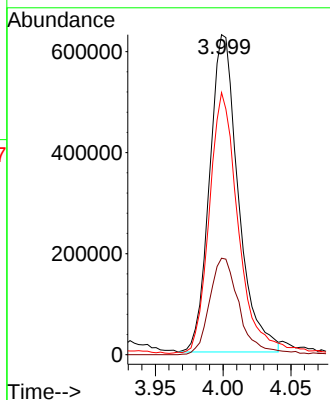
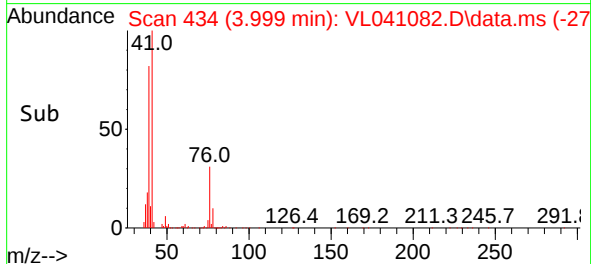
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



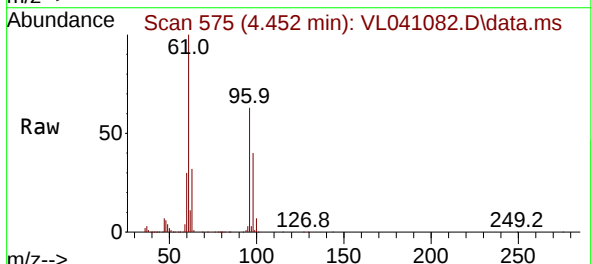
Tgt Ion: 41 Resp: 92856
 Ion Ratio Lower Upper
 41 100
 76 31.9 25.5 38.3
 39 84.3 67.4 101.2

Manual Integrations
 APPROVED

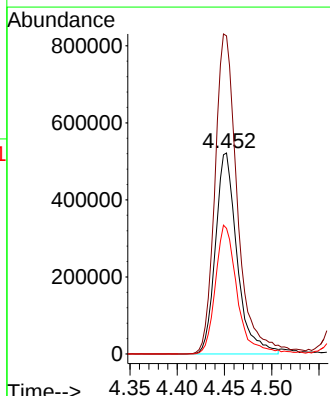
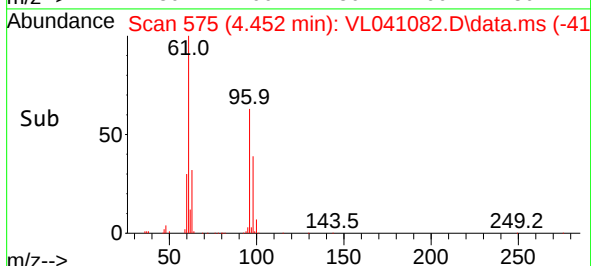
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

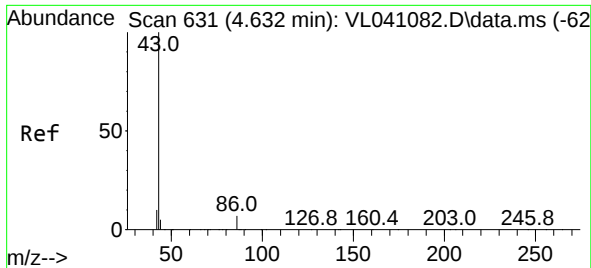


#22
 trans-1,2-Dichloroethene
 Concen: 9.758 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05



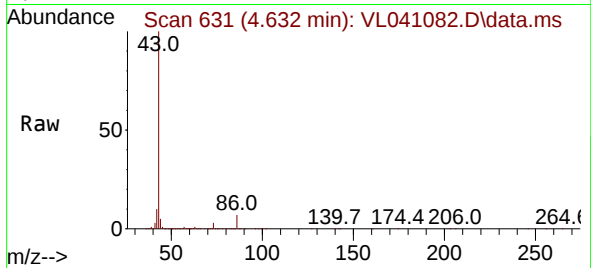
Tgt Ion: 96 Resp: 830475
 Ion Ratio Lower Upper
 96 100
 61 158.4 126.7 190.1
 98 62.6 50.1 75.1





#23
 Vinyl Acetate
 Concen: 10.555 ppbv
 RT: 4.632 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

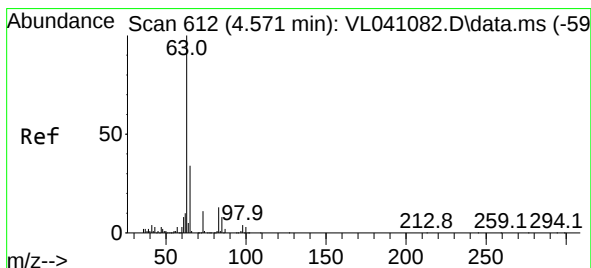
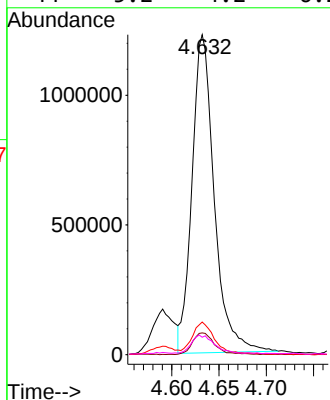
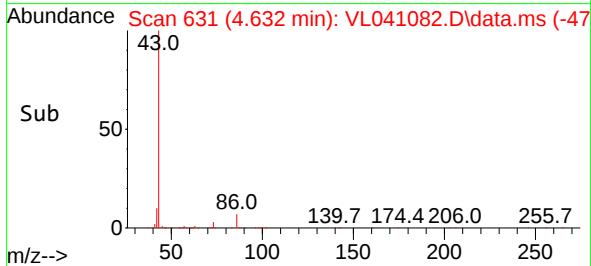
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



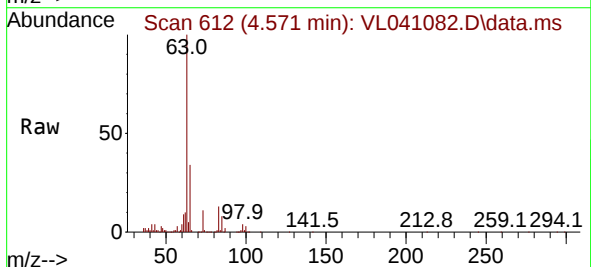
Tgt Ion: 43 Resp: 2006710
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.4 8.2
 42 10.0 8.0 12.0
 44 5.2 4.2 6.2

Manual Integrations
 APPROVED

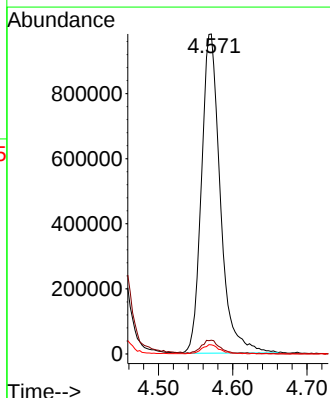
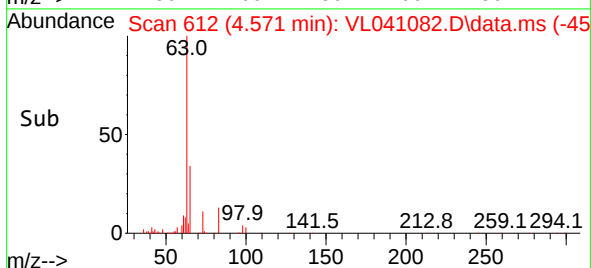
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

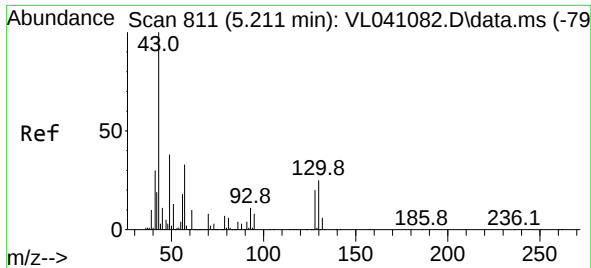


#24
 1,1-Dichloroethane
 Concen: 9.868 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05



Tgt Ion: 63 Resp: 1727053
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.1 6.5
 100 2.8 1.4 4.2





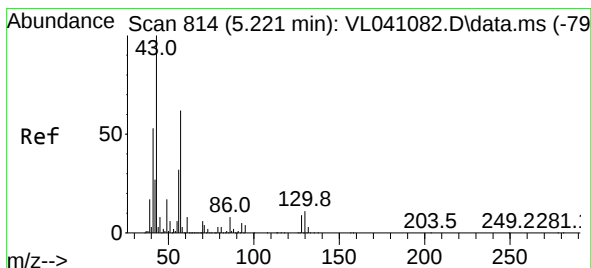
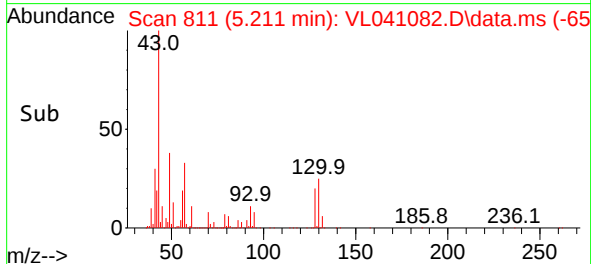
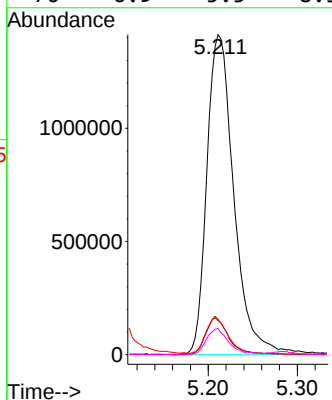
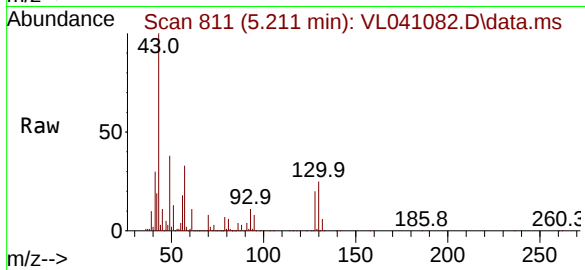
#25
Ethyl Acetate
Concen: 9.550 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2945709
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.2
61 10.2 8.2 12.2
70 6.9 5.5 8.3

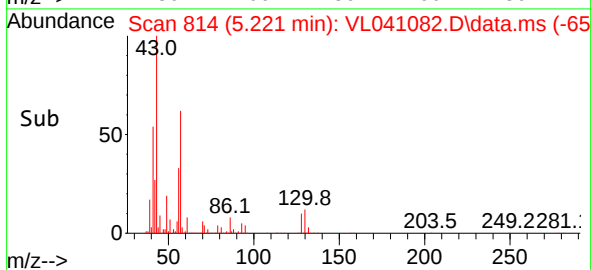
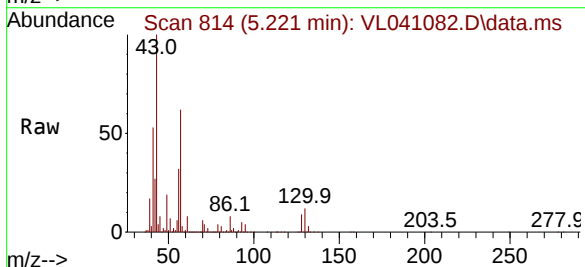
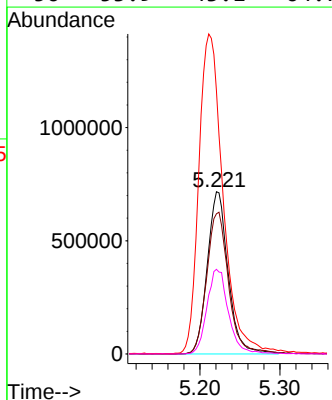
Manual Integrations
APPROVED

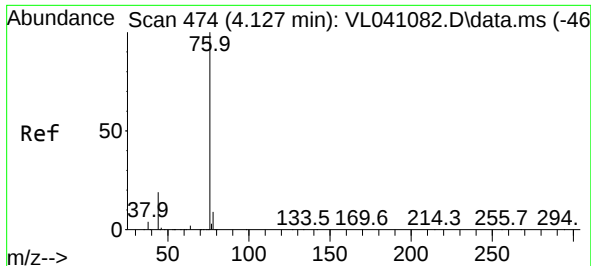
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#26
Hexane
Concen: 9.390 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 57 Resp: 1298990
Ion Ratio Lower Upper
57 100
41 92.2 73.8 110.6
43 230.2 184.2 276.2
56 53.9 43.1 64.7





#27

Carbon Disulfide

Concen: 10.257 ppbv

RT: 4.127 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 76 Resp: 169502

Ion Ratio Lower Upper

76 100

44 20.0 16.0 24.0

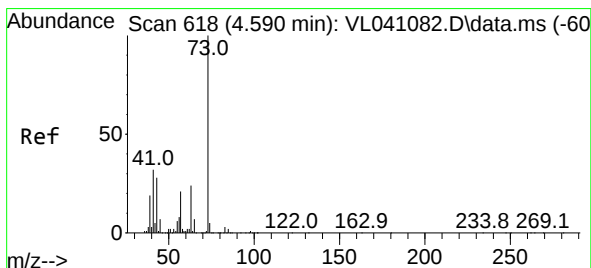
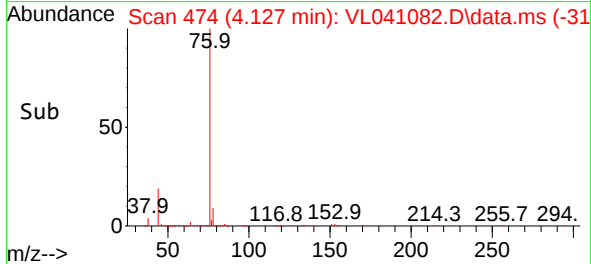
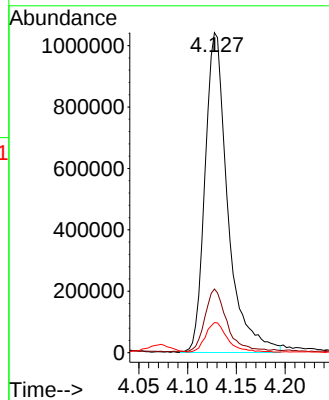
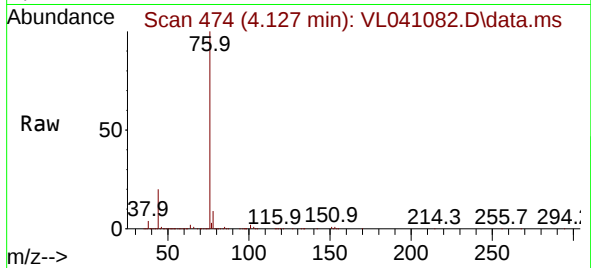
78 9.4 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#28

Methyl tert-Butyl Ether

Concen: 9.720 ppbv

RT: 4.590 min Scan# 618

Delta R.T. 0.000 min

Lab File: VL041082.D

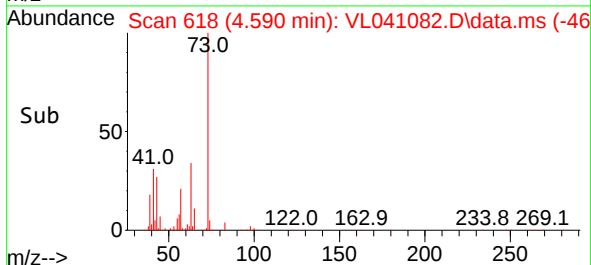
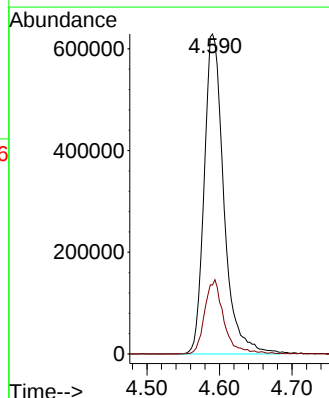
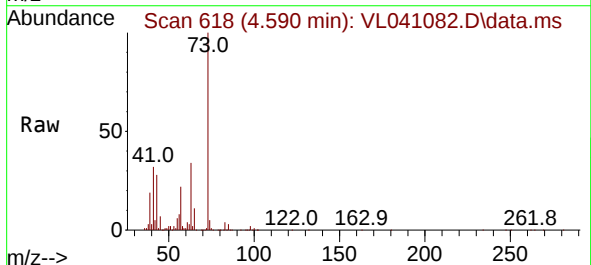
Acq: 11 Mar 2024 11:05

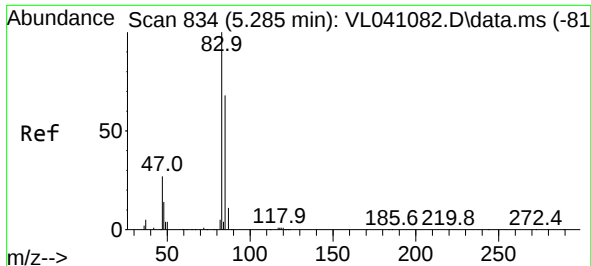
Tgt Ion: 73 Resp: 1184780

Ion Ratio Lower Upper

73 100

57 22.8 18.2 27.4





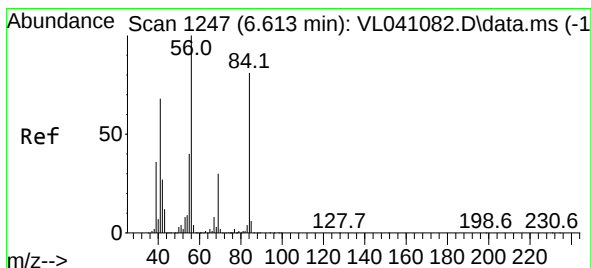
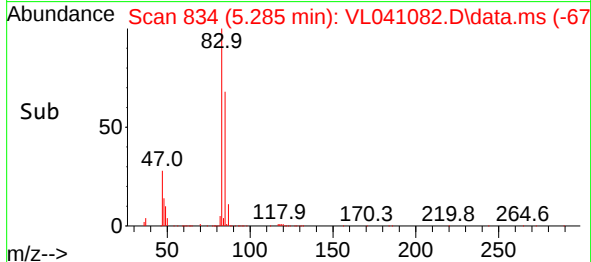
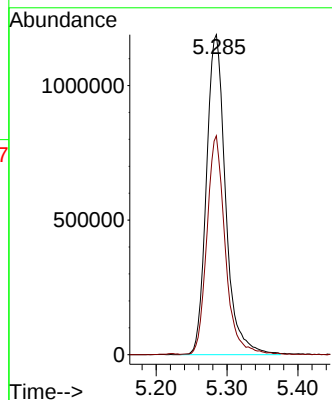
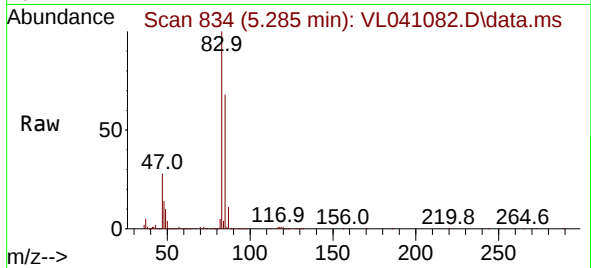
#29
Chloroform
Concen: 9.363 ppbv
RT: 5.285 min Scan# 834
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 222788
Ion Ratio Lower Upper
83 100
85 68.3 54.6 82.0

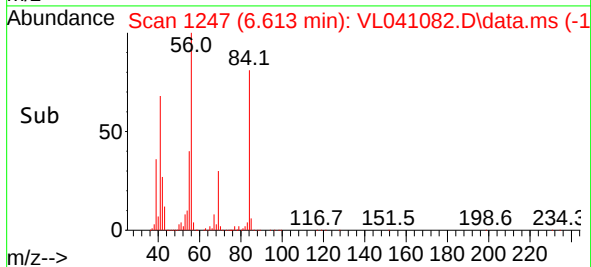
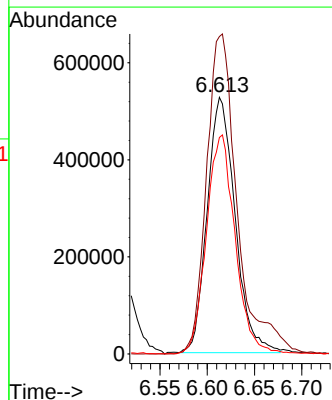
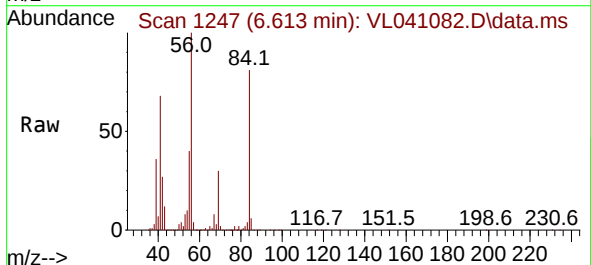
Manual Integrations
APPROVED

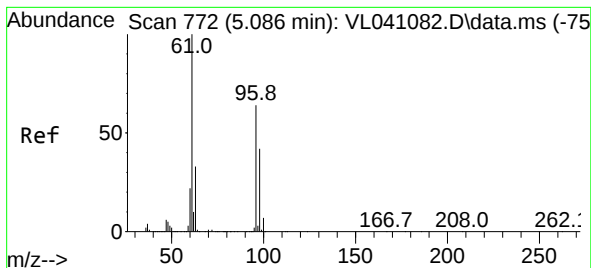
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#30
Cyclohexane
Concen: 9.577 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 84 Resp: 1084141
Ion Ratio Lower Upper
84 100
56 138.0 110.4 165.6
41 88.2 70.6 105.8





#31

cis-1,2-Dichloroethene

Concen: 9.940 ppbv

RT: 5.086 min Scan# 71

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 61 Resp: 133199

Ion Ratio Lower Upper

61 100

96 64.0 51.2 76.8

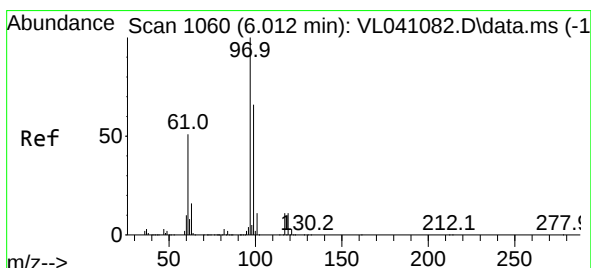
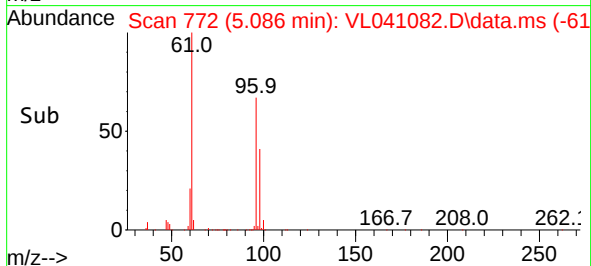
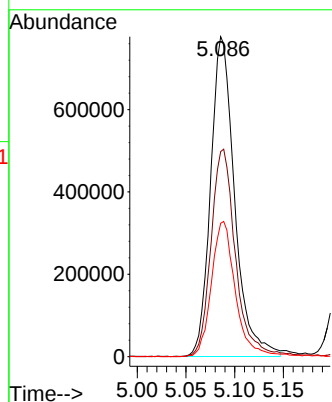
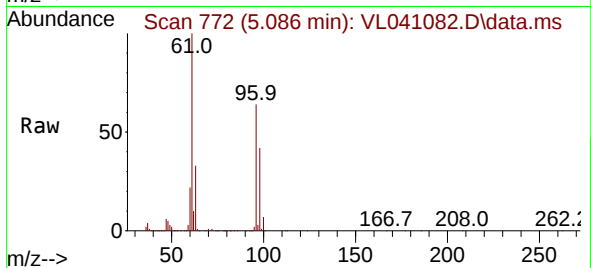
98 41.7 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#32

1,1,1-Trichloroethane

Concen: 10.168 ppbv

RT: 6.012 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

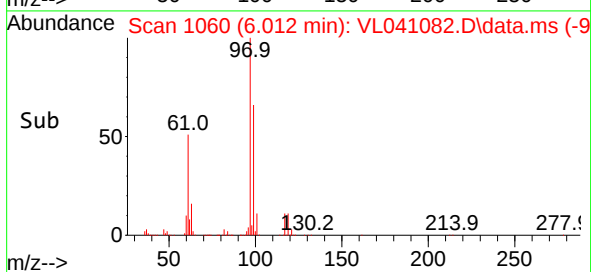
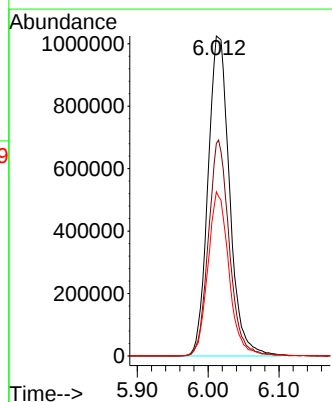
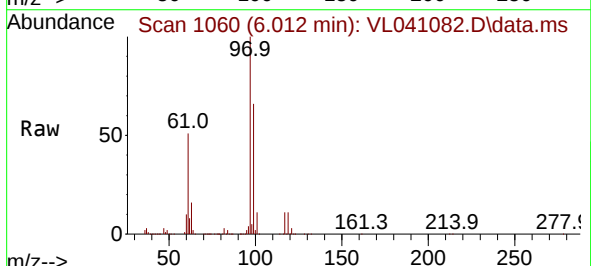
Tgt Ion: 97 Resp: 2167181

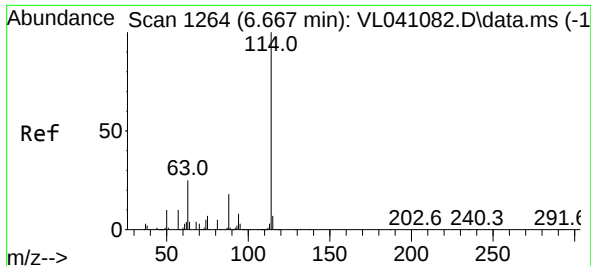
Ion Ratio Lower Upper

97 100

99 65.5 52.4 78.6

61 50.5 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.667 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 3742340

Ion Ratio Lower Upper

114 100

63 26.3 21.0 31.6

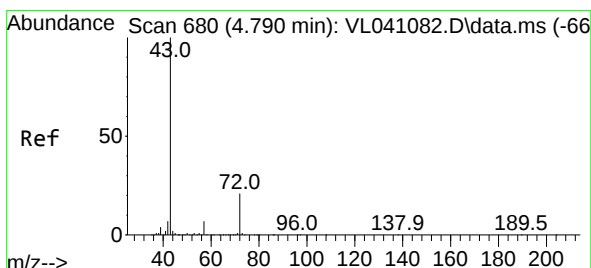
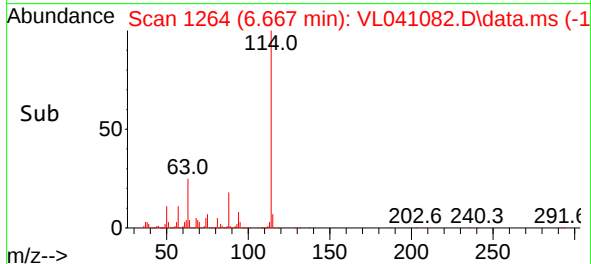
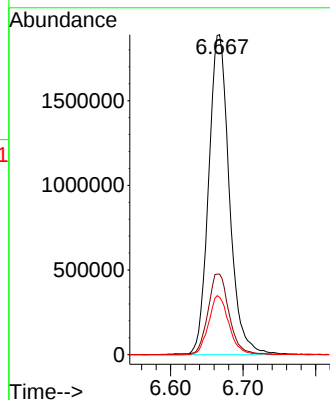
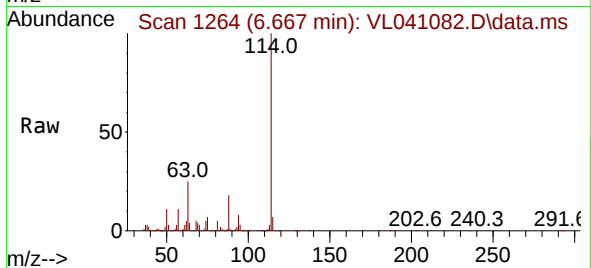
88 18.3 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#34

2-Butanone

Concen: 10.035 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.000 min

Lab File: VL041082.D

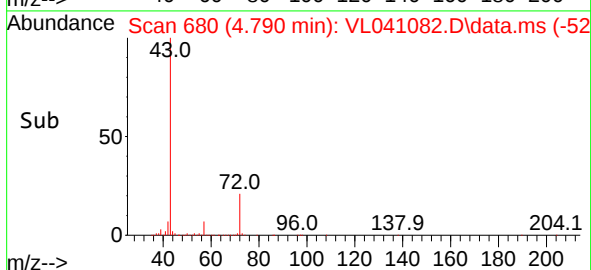
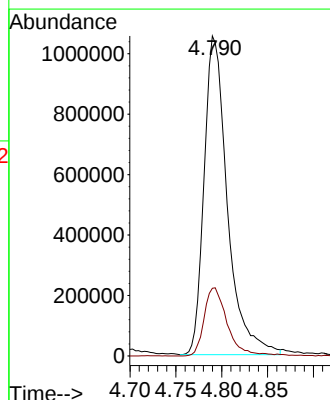
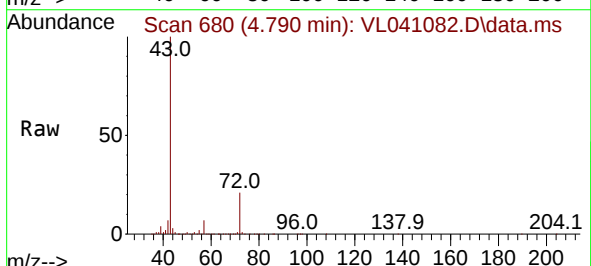
Acq: 11 Mar 2024 11:05

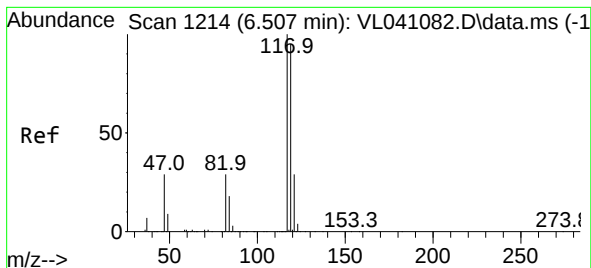
Tgt Ion: 43 Resp: 1864593

Ion Ratio Lower Upper

43 100

72 21.7 17.4 26.0





#35

Carbon Tetrachloride

Concen: 10.613 ppbv

RT: 6.507 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:117 Resp: 231262

Ion Ratio Lower Upper

117 100

119 94.5 75.6 113.4

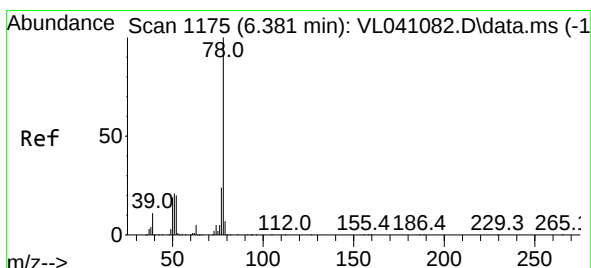
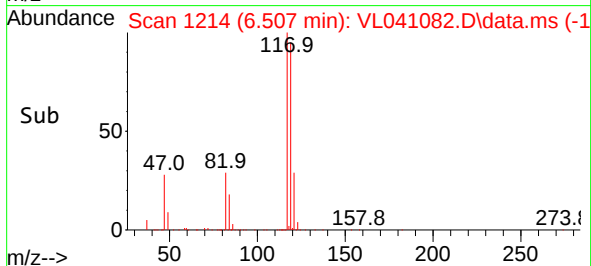
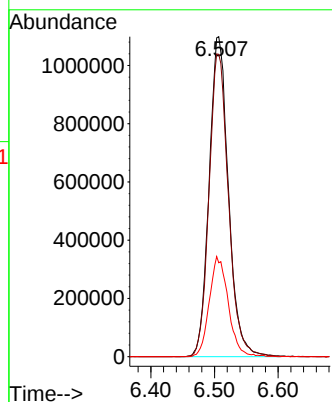
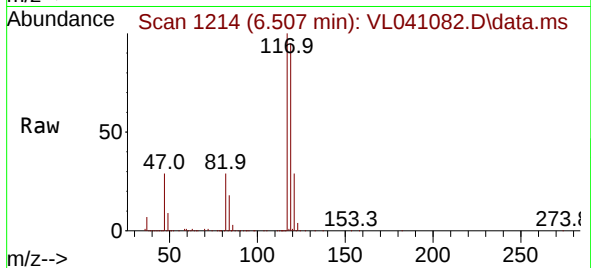
121 29.3 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#36

Benzene

Concen: 9.866 ppbv

RT: 6.381 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

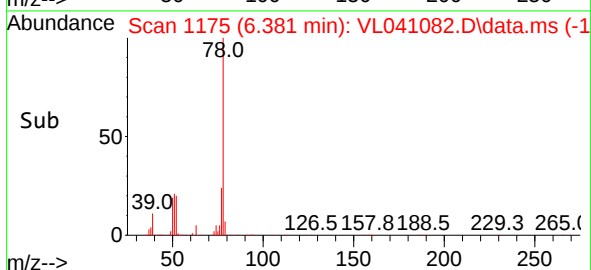
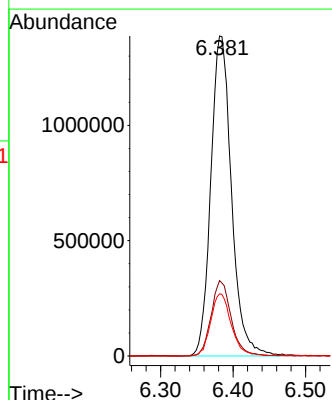
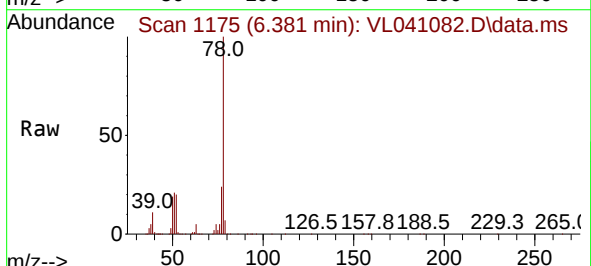
Tgt Ion: 78 Resp: 2748449

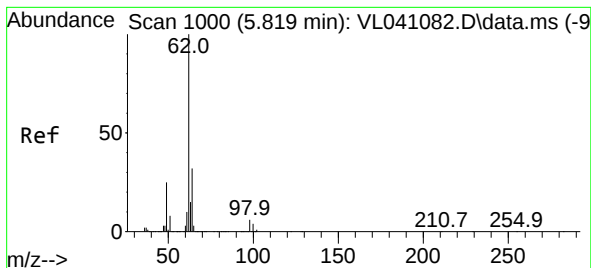
Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

50 19.4 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.879 ppbv

RT: 5.819 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 62 Resp: 1655674

Ion Ratio Lower Upper

62 100

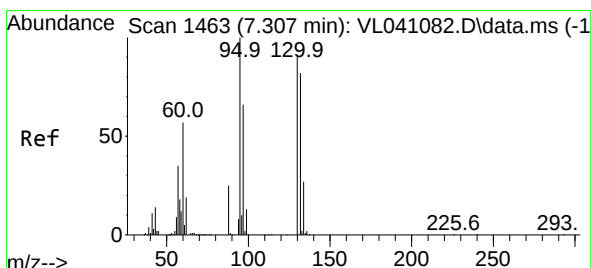
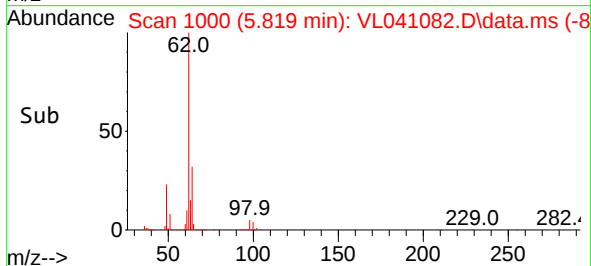
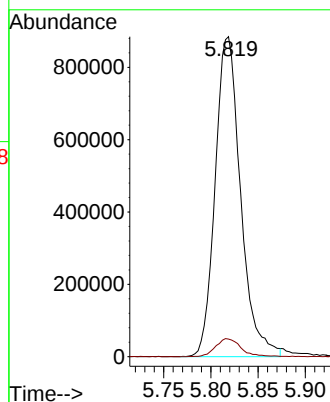
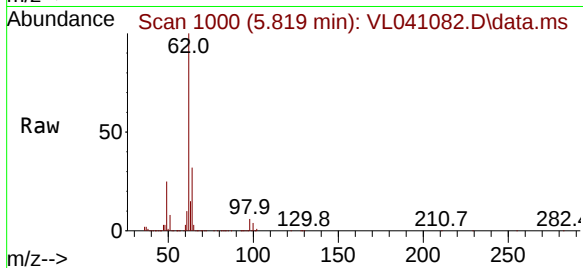
98 5.7 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#38

Trichloroethene

Concen: 10.312 ppbv

RT: 7.307 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Tgt Ion:130 Resp: 1072379

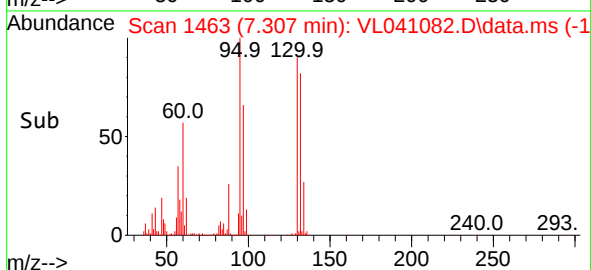
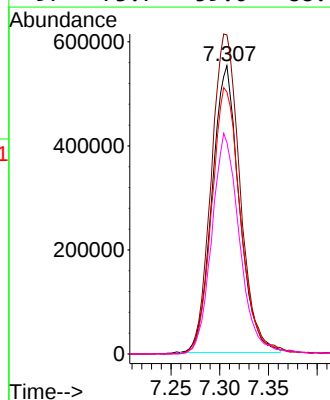
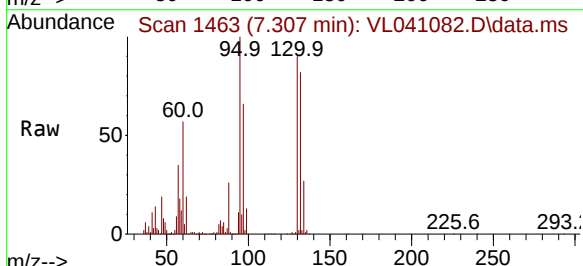
Ion Ratio Lower Upper

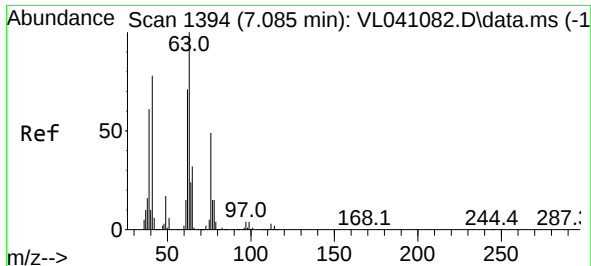
130 100

95 111.0 88.8 133.2

132 91.2 73.0 109.4

97 73.7 59.0 88.4





#39

1,2-Dichloropropane

Concen: 9.648 ppbv

RT: 7.085 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 63 Resp: 1074709

Ion Ratio Lower Upper

63 100

41 77.8 62.2 93.4

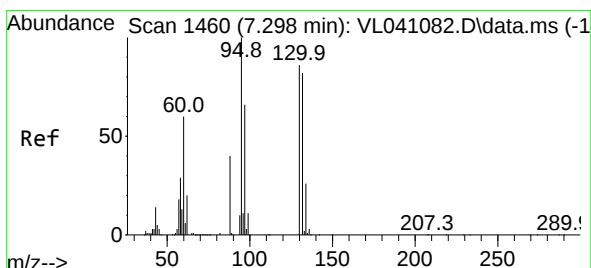
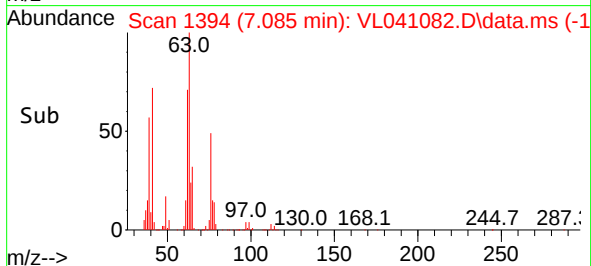
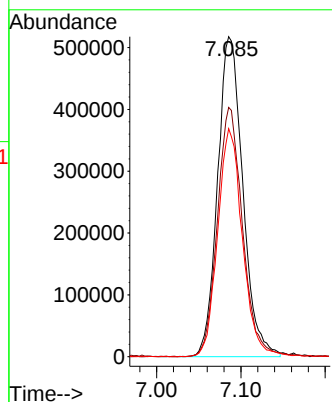
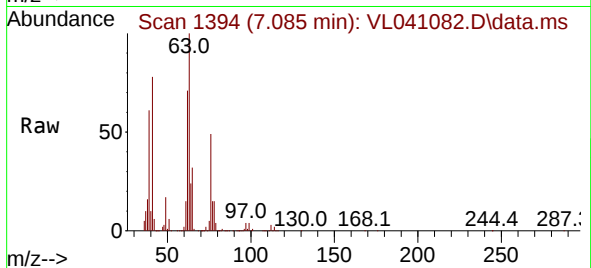
62 71.2 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#40

1,4-Dioxane

Concen: 9.843 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Tgt Ion: 88 Resp: 432254

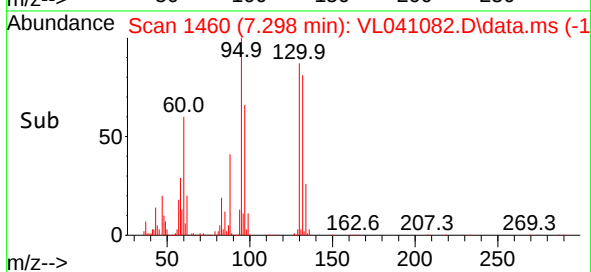
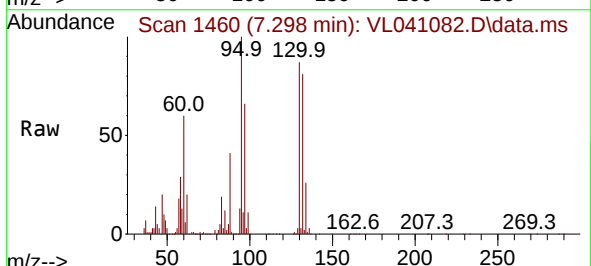
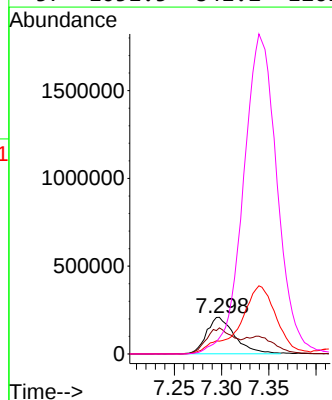
Ion Ratio Lower Upper

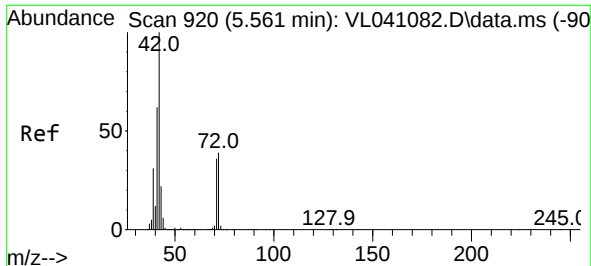
88 100

58 120.4 96.3 144.5

43 244.6 195.7 293.5

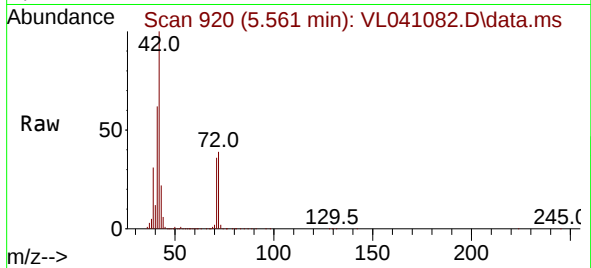
57 1051.5 841.2 1261.8





#41
Tetrahydrofuran
Concen: 10.176 ppbv
RT: 5.561 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

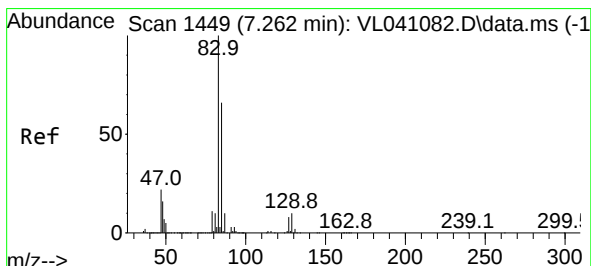
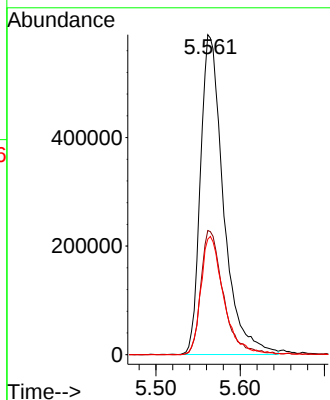
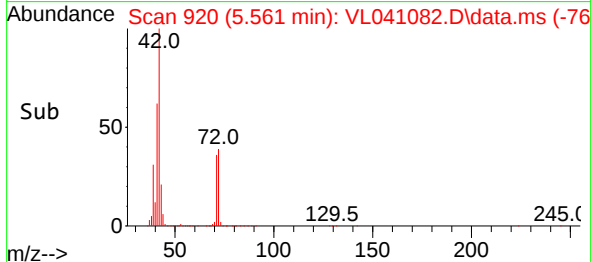
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



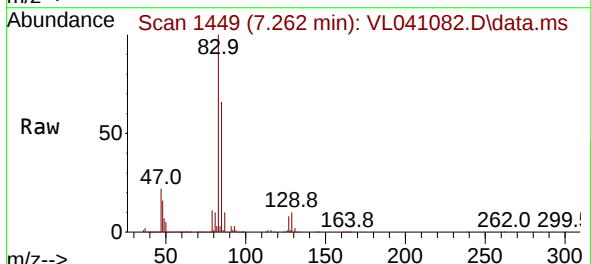
Tgt Ion: 42 Resp: 112170
Ion Ratio Lower Upper
42 100
72 38.4 30.7 46.1
71 37.0 29.6 44.4

Manual Integrations
APPROVED

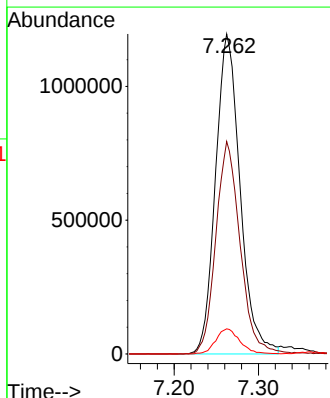
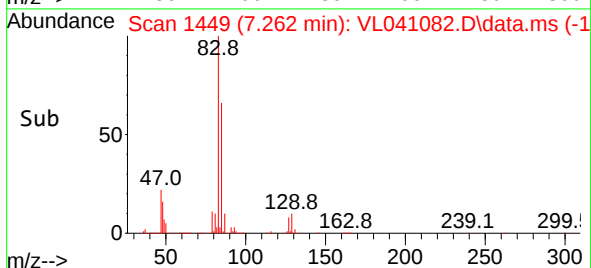
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

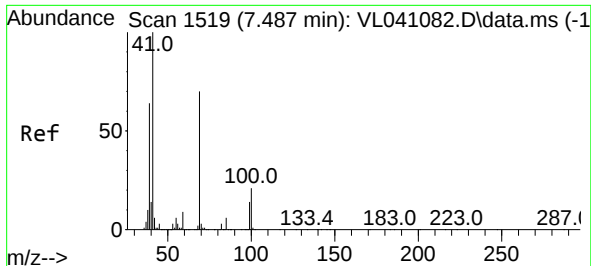


#42
Bromodichloromethane
Concen: 10.070 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05



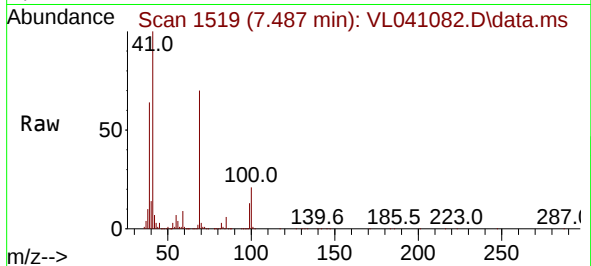
Tgt Ion: 83 Resp: 2417882
Ion Ratio Lower Upper
83 100
85 66.4 53.1 79.7
127 7.8 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.562 ppbv
RT: 7.487 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

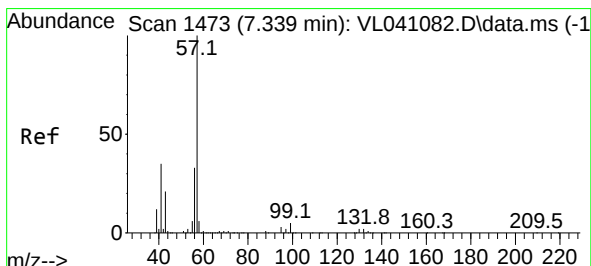
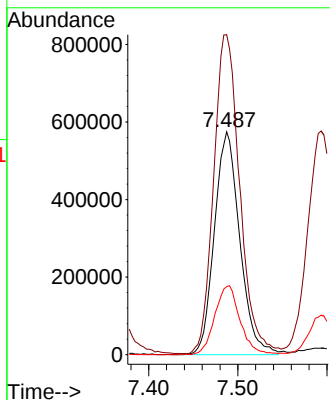
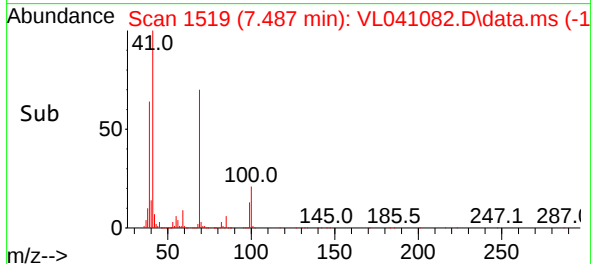
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 69 Resp: 1136710
Ion Ratio Lower Upper
69 100
41 147.8 118.2 177.4
100 31.0 24.8 37.2

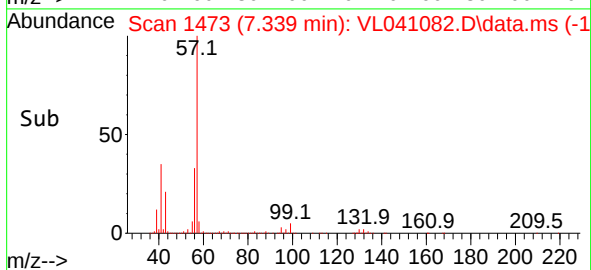
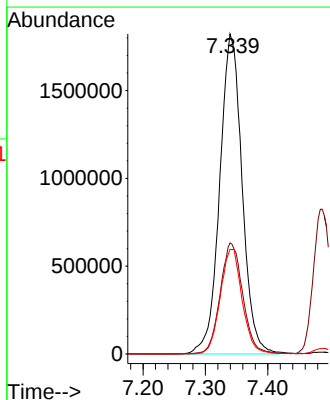
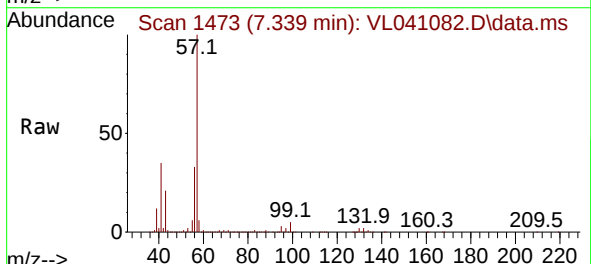
Manual Integrations
APPROVED

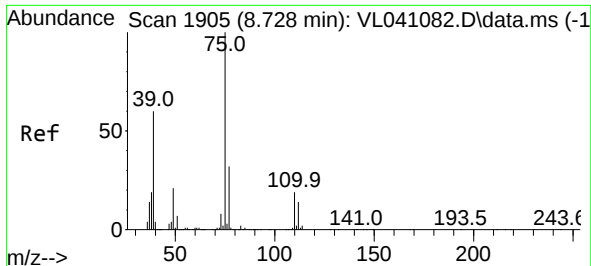
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#44
2,2,4-Trimethylpentane
Concen: 9.741 ppbv
RT: 7.339 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 57 Resp: 4535053
Ion Ratio Lower Upper
57 100
41 35.0 28.0 42.0
56 32.1 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 11.499 ppbv

RT: 8.728 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 859610

Ion Ratio Lower Upper

75 100

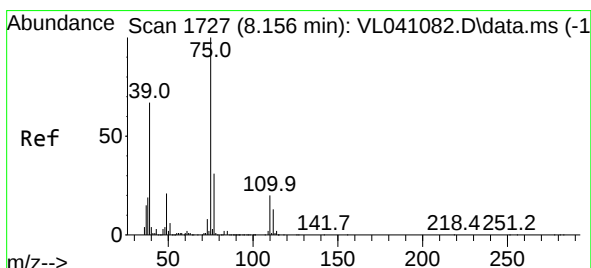
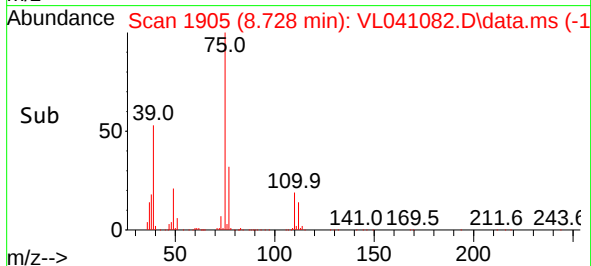
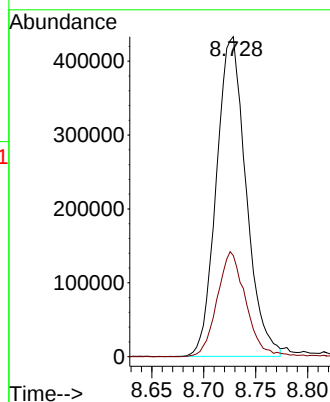
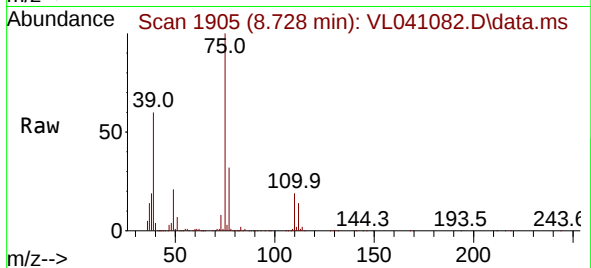
77 31.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#46

cis-1,3-Dichloropropene

Concen: 11.062 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

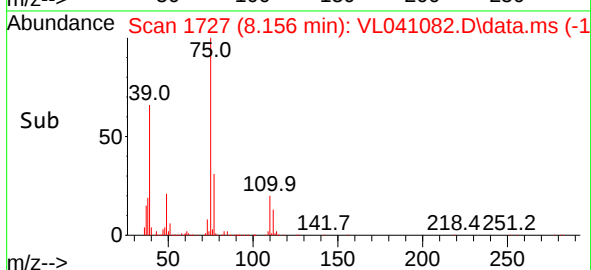
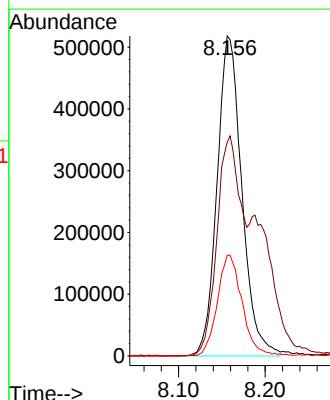
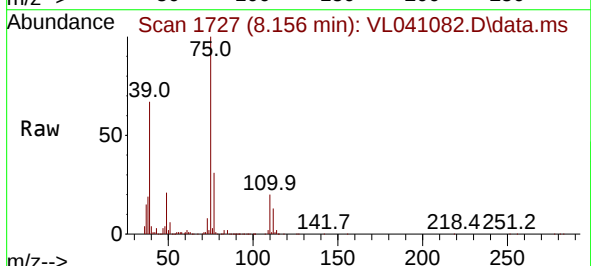
Tgt Ion: 75 Resp: 1030279

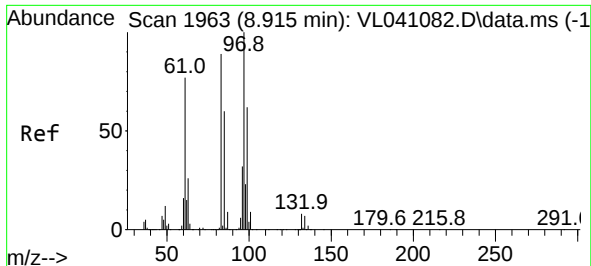
Ion Ratio Lower Upper

75 100

39 66.6 53.3 79.9

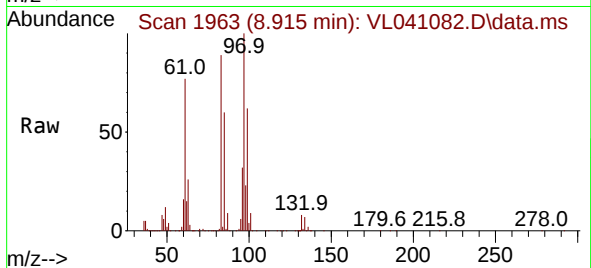
77 31.5 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 9.852 ppbv
RT: 8.915 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

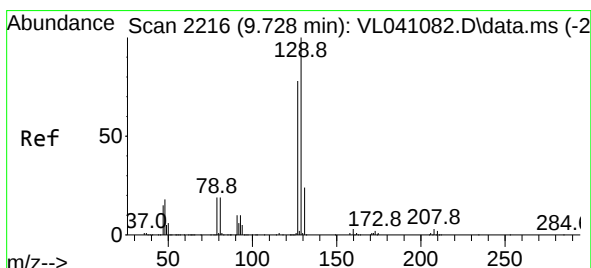
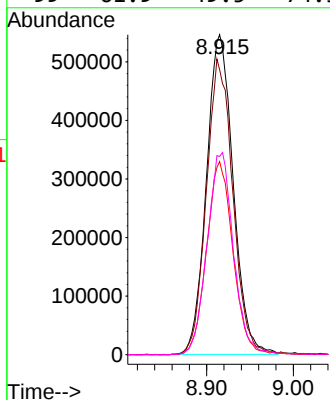
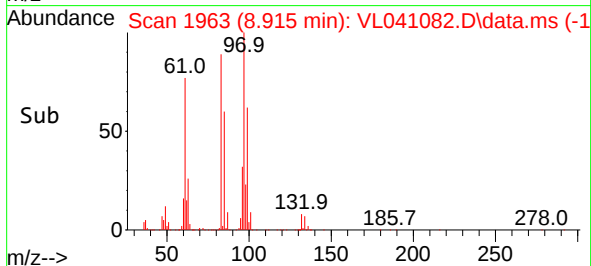
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



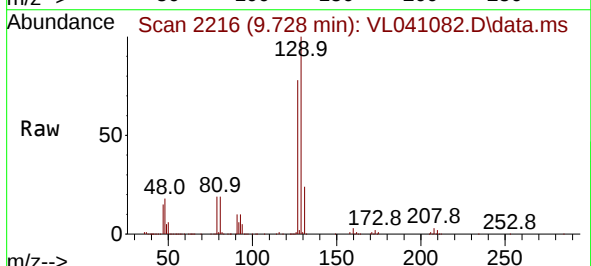
Tgt Ion: 97 Resp: 1173029
Ion Ratio Lower Upper
97 100
83 88.9 71.1 106.7
85 60.2 48.2 72.2
99 61.9 49.5 74.3

Manual Integrations
APPROVED

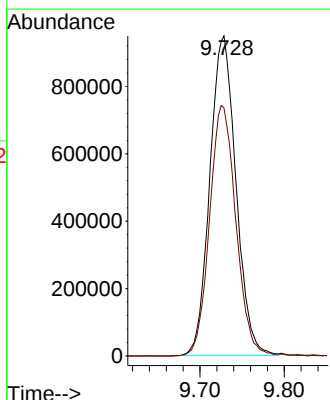
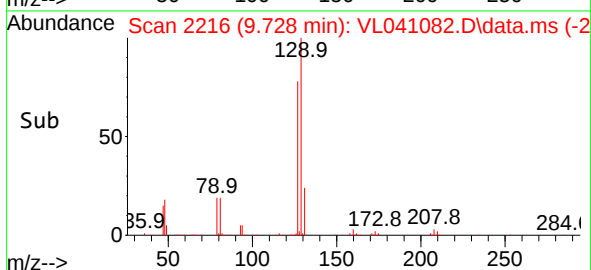
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

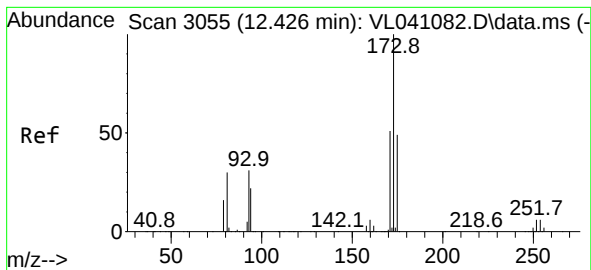


#48
Dibromochloromethane
Concen: 10.544 ppbv
RT: 9.728 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05



Tgt Ion:129 Resp: 2045282
Ion Ratio Lower Upper
129 100
127 79.2 39.6 118.8





#49

Bromoform

Concen: 11.015 ppbv

RT: 12.426 min Scan# 3055

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 1697398

Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.6

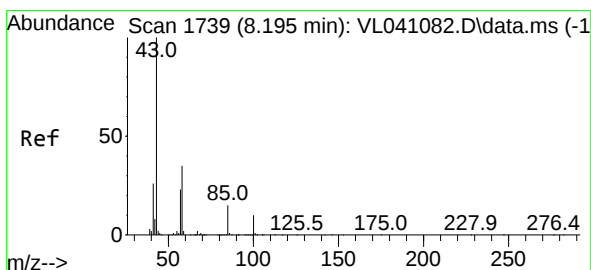
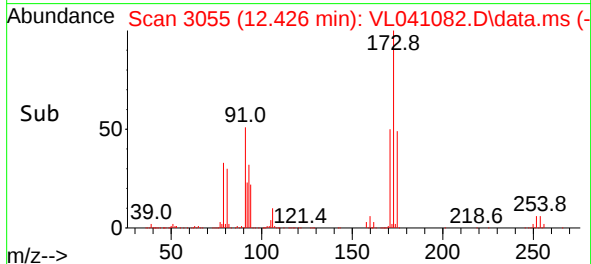
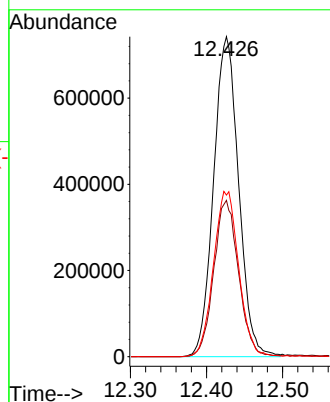
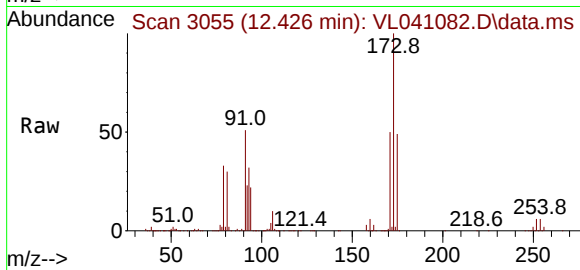
171 52.3 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#50

4-Methyl-2-Pentanone

Concen: 10.389 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.000 min

Lab File: VL041082.D

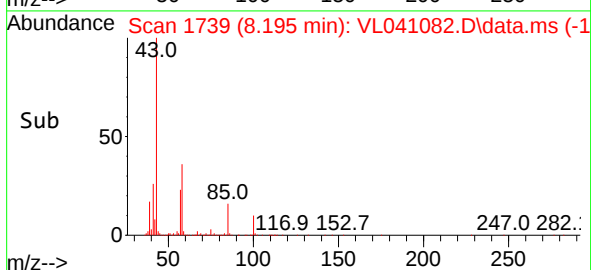
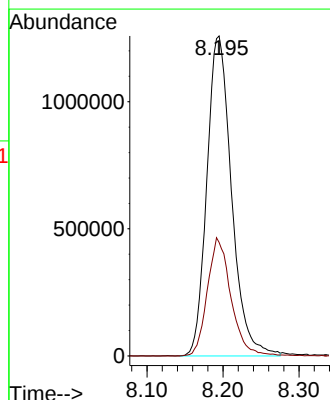
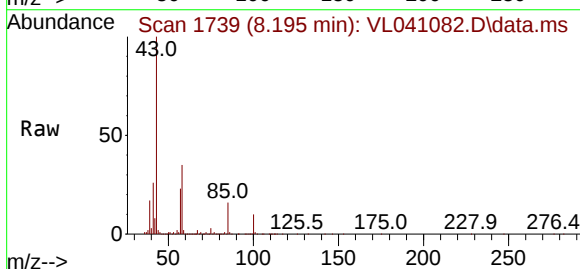
Acq: 11 Mar 2024 11:05

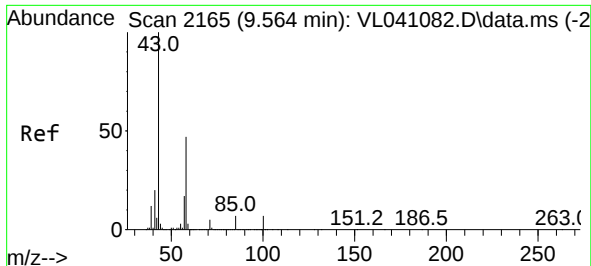
Tgt Ion: 43 Resp: 2839206

Ion Ratio Lower Upper

43 100

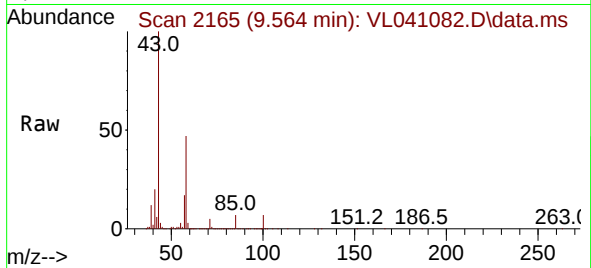
58 35.4 28.3 42.5





#51
2-Hexanone
Concen: 10.318 ppbv
RT: 9.564 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

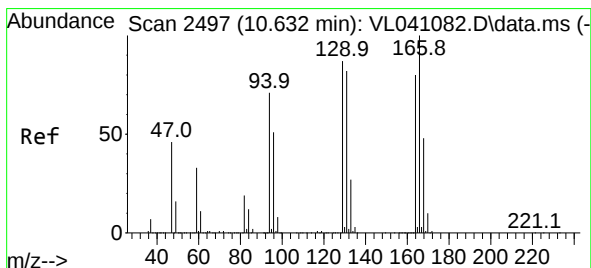
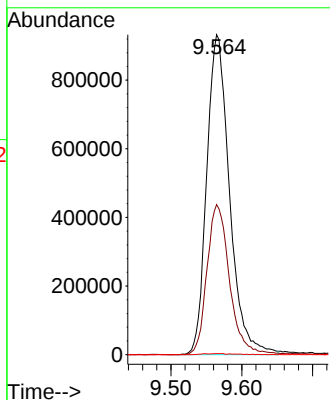
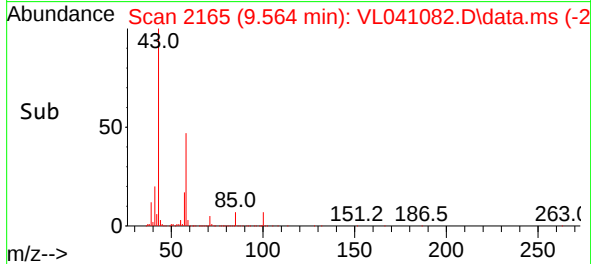
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 2088084
Ion Ratio Lower Upper
43 100
58 46.8 37.4 56.2
98 0.5 0.4 0.6

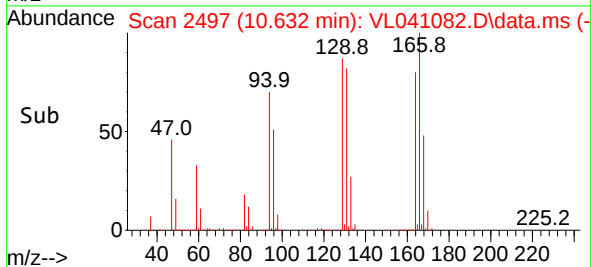
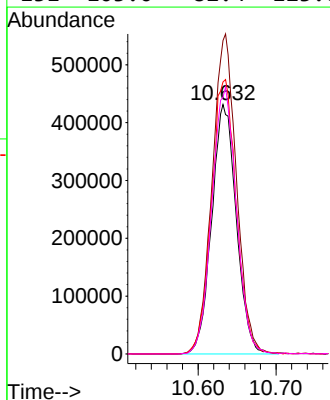
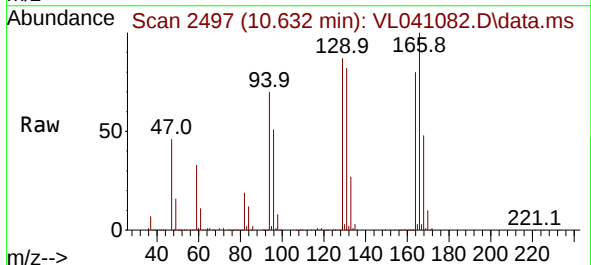
Manual Integrations
APPROVED

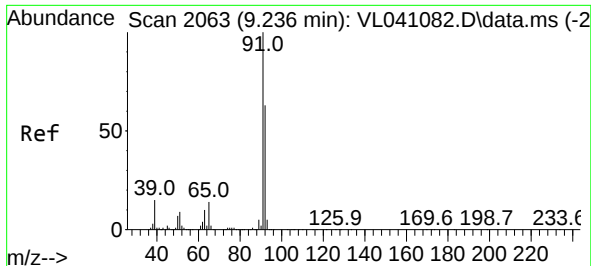
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#52
Tetrachloroethene
Concen: 10.888 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion:164 Resp: 943120
Ion Ratio Lower Upper
164 100
166 125.7 100.6 150.8
129 109.0 87.2 130.8
131 103.0 82.4 123.6





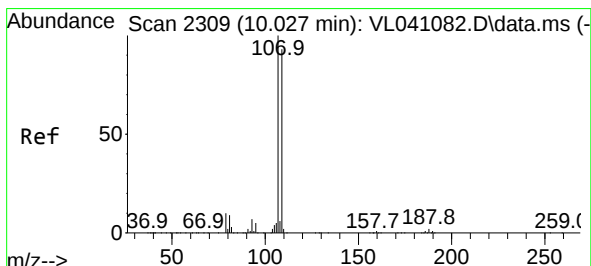
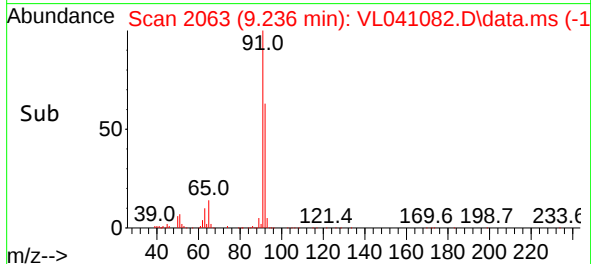
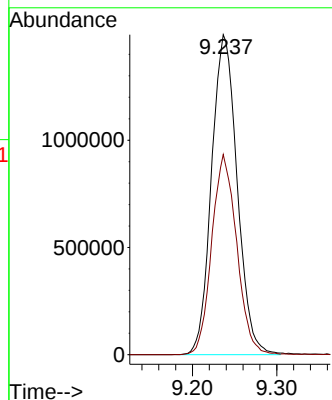
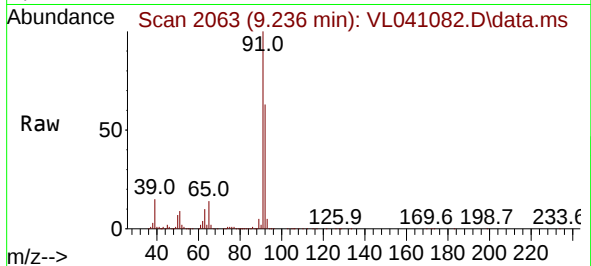
#53
Toluene
Concen: 10.493 ppbv
RT: 9.236 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3150760
Ion Ratio Lower Upper
91 100
92 61.1 48.9 73.3

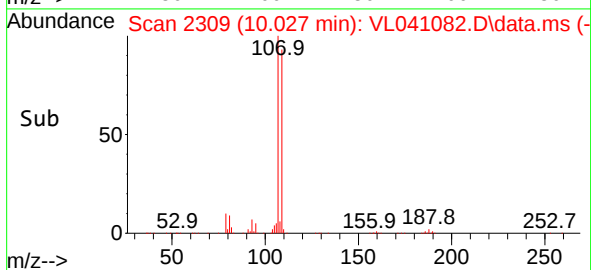
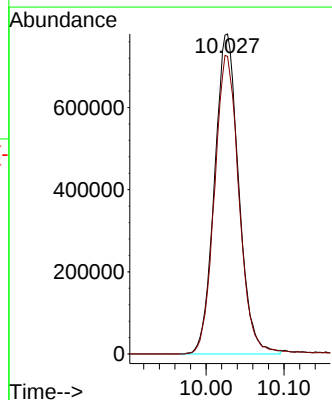
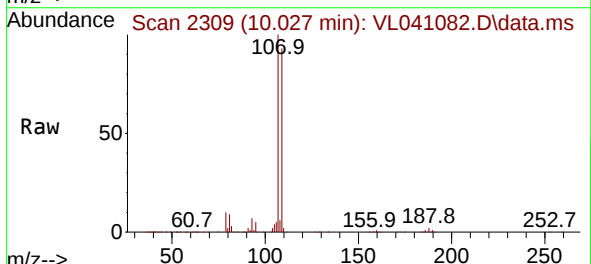
Manual Integrations
APPROVED

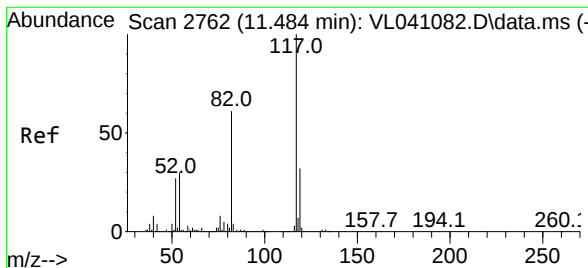
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#54
1,2-Dibromoethane
Concen: 11.012 ppbv
RT: 10.027 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

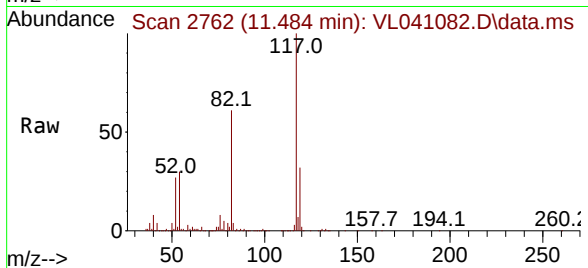
Tgt Ion:107 Resp: 1682200
Ion Ratio Lower Upper
107 100
109 93.0 74.4 111.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

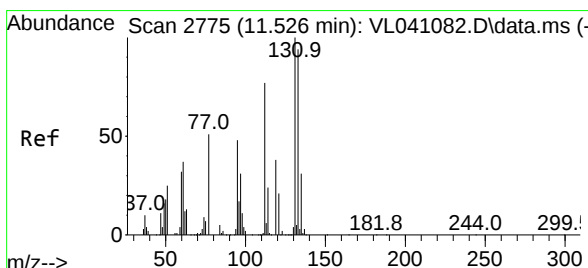
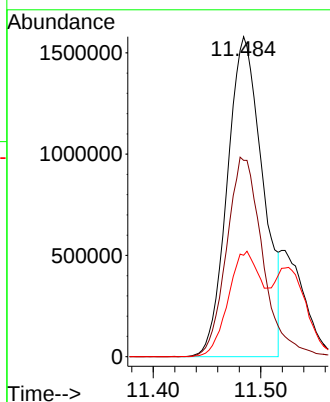
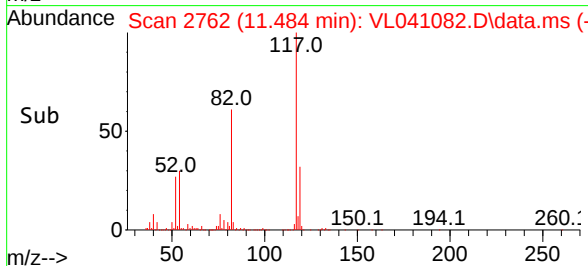
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



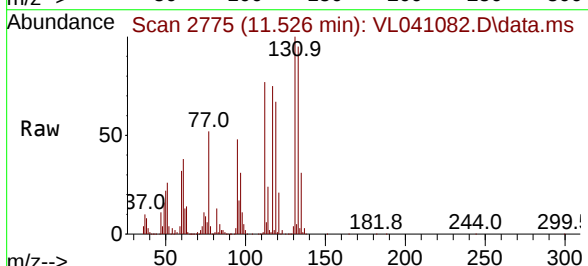
Tgt Ion:117 Resp: 361624
Ion Ratio Lower Upper
117 100
82 64.3 51.4 77.2
119 29.6 23.7 35.5

Manual Integrations
APPROVED

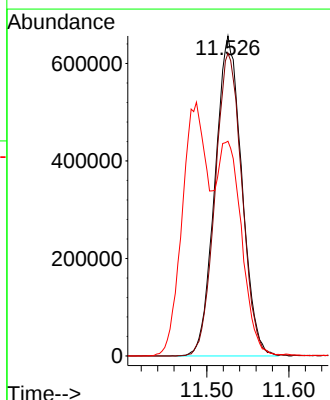
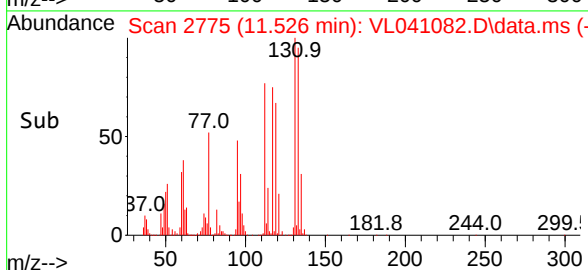
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

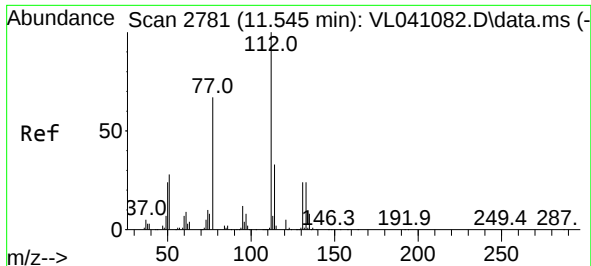


#56
1,1,1,2-Tetrachloroethane
Concen: 9.623 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05



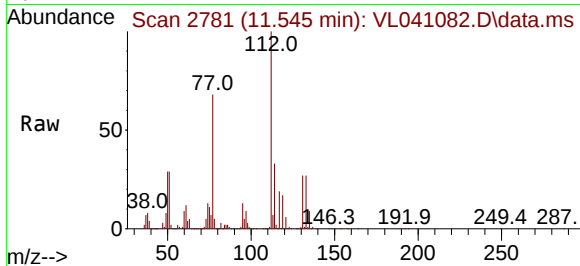
Tgt Ion:131 Resp: 1490043
Ion Ratio Lower Upper
131 100
133 95.1 76.1 114.1
119 63.9 51.1 76.7





#57
Chlorobenzene
Concen: 9.537 ppbv
RT: 11.545 min Scan# 2781
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

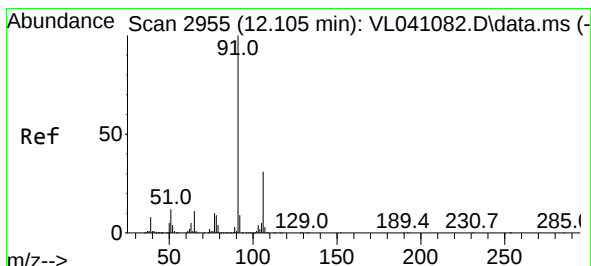
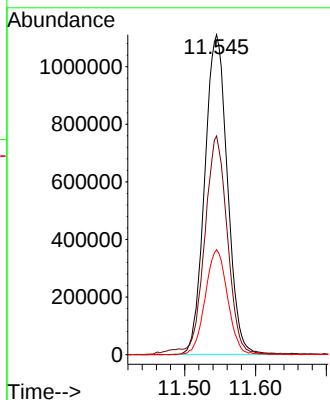
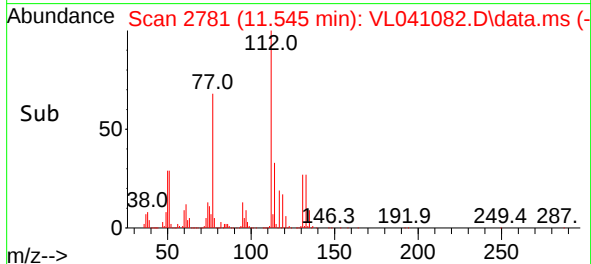
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:112 Resp: 2469200
Ion Ratio Lower Upper
112 100
77 68.2 54.6 81.8
114 32.7 29.4 36.0

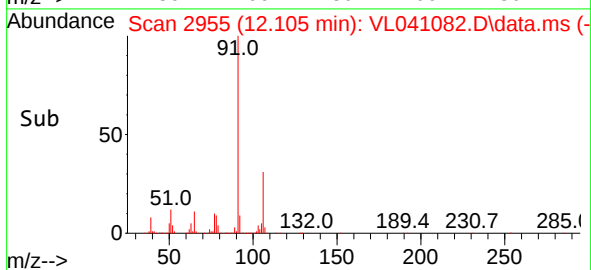
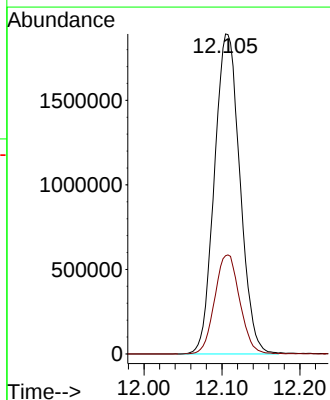
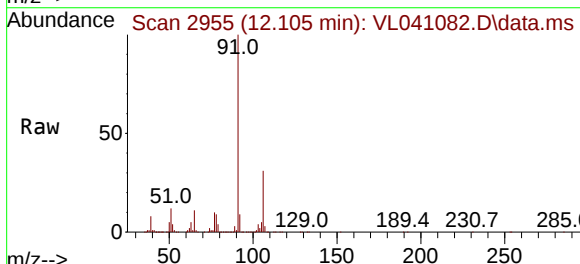
Manual Integrations
APPROVED

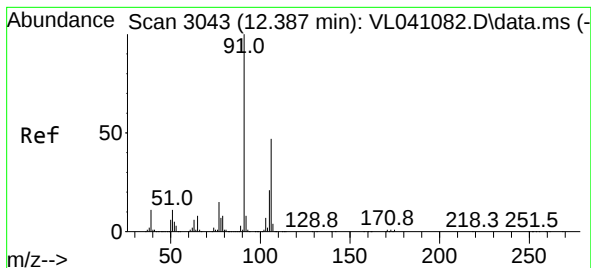
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#58
Ethyl Benzene
Concen: 10.167 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 91 Resp: 4304749
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8





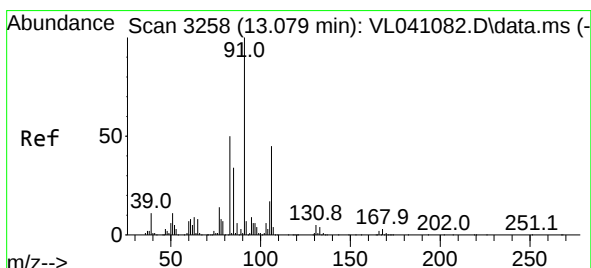
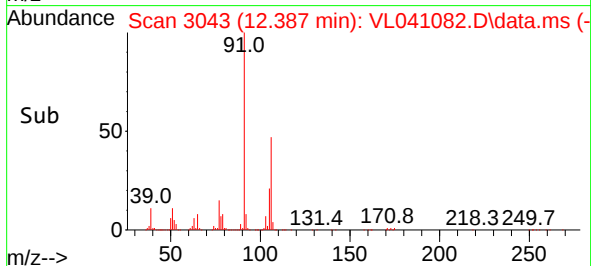
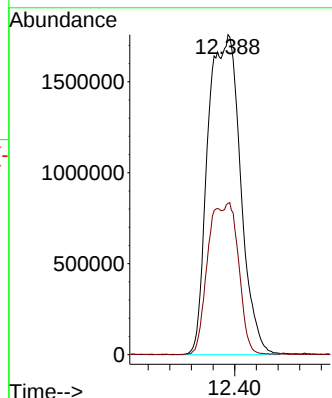
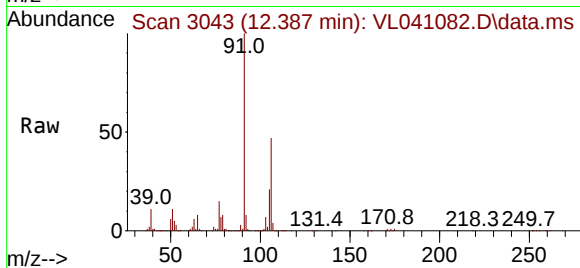
#59
m/p-Xylene
Concen: 19.729 ppbv m
RT: 12.387 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 7333130
Ion Ratio Lower Upper
91 100
106 44.3 35.4 53.2

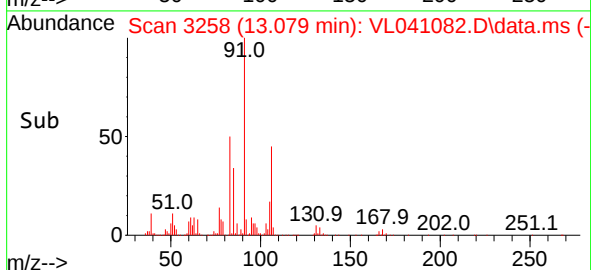
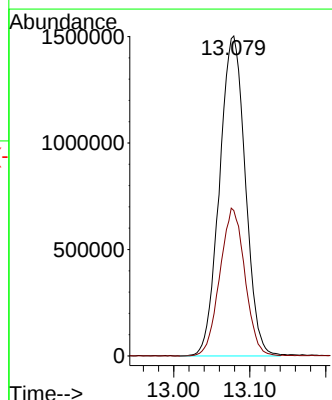
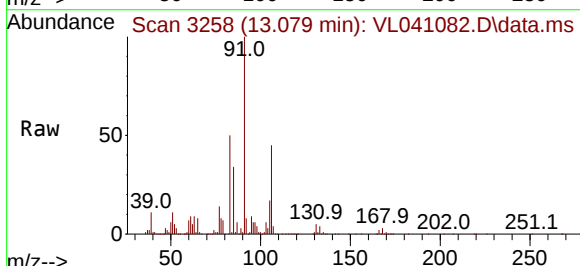
Manual Integrations
APPROVED

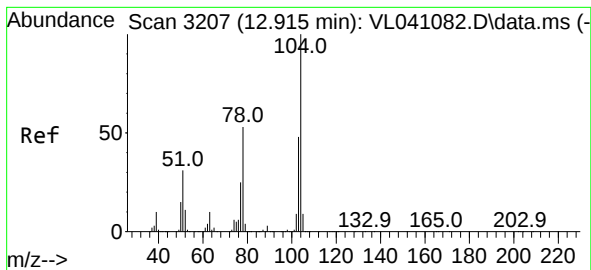
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#60
o-Xylene
Concen: 10.041 ppbv
RT: 13.079 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 91 Resp: 3539944
Ion Ratio Lower Upper
91 100
106 44.9 22.4 67.3





#61

Styrene

Concen: 11.351 ppbv

RT: 12.915 min Scan# 3207

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 182515

Ion Ratio Lower Upper

104 100

78 53.3 42.6 64.0

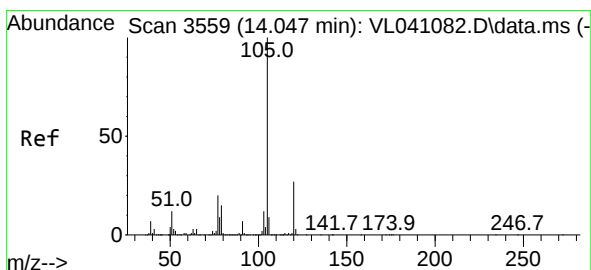
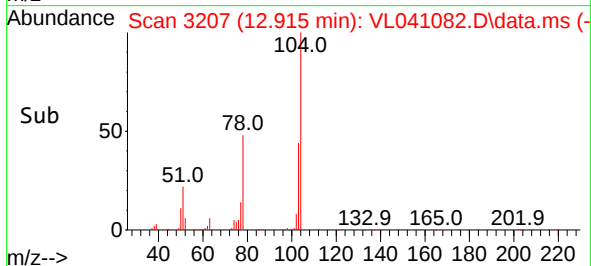
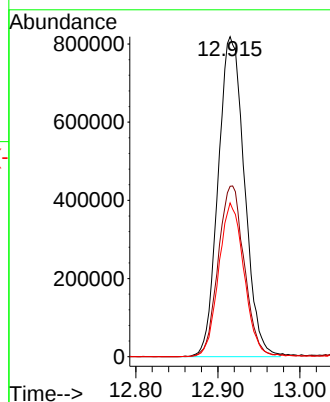
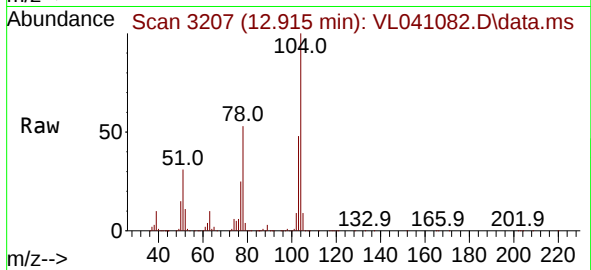
103 46.6 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#62

Isopropylbenzene

Concen: 9.761 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.000 min

Lab File: VL041082.D

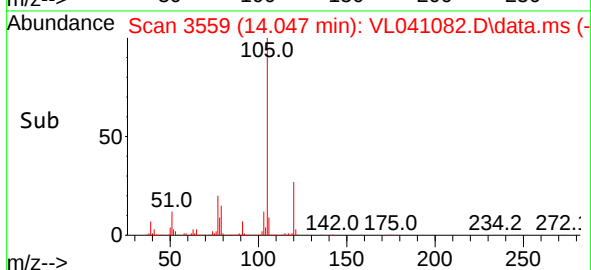
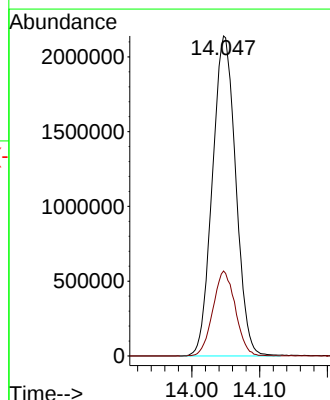
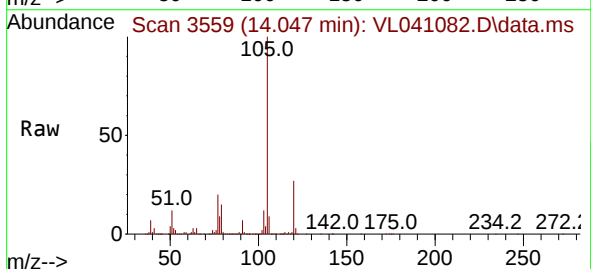
Acq: 11 Mar 2024 11:05

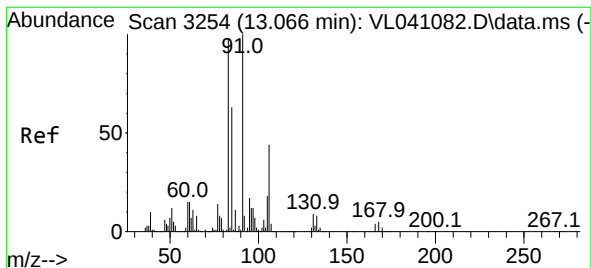
Tgt Ion:105 Resp: 5118958

Ion Ratio Lower Upper

105 100

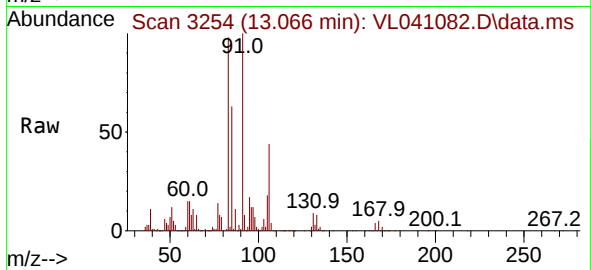
120 25.6 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 9.894 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

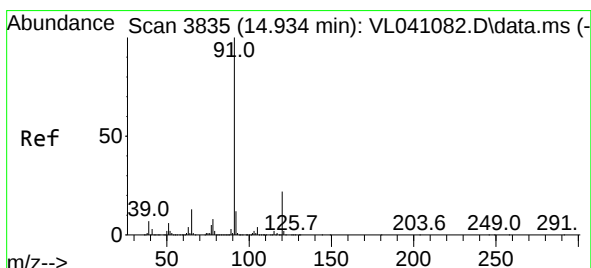
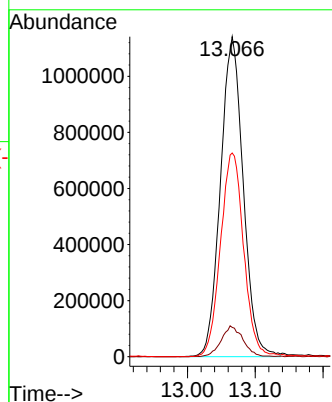
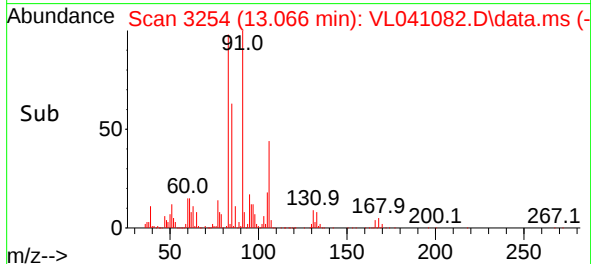
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



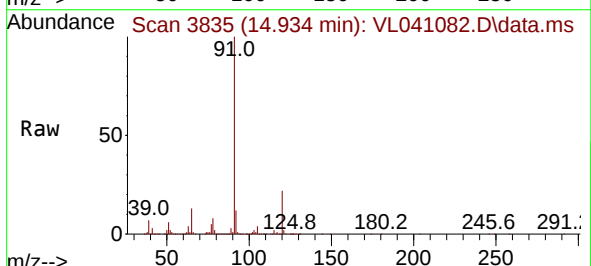
Tgt Ion: 83 Resp: 2663340
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.0
85 65.4 32.7 98.1

Manual Integrations
APPROVED

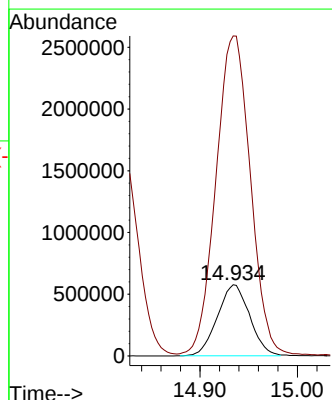
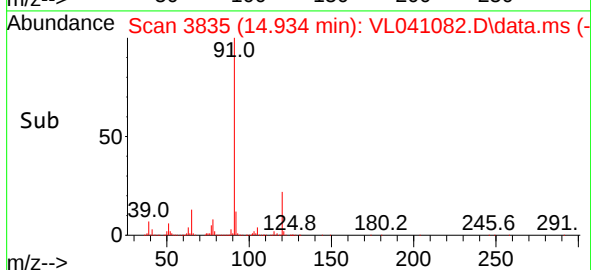
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

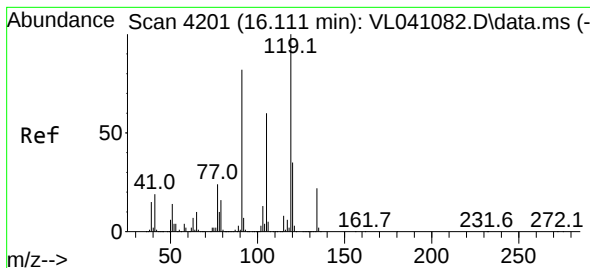


#64
n-propylbenzene
Concen: 10.018 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05



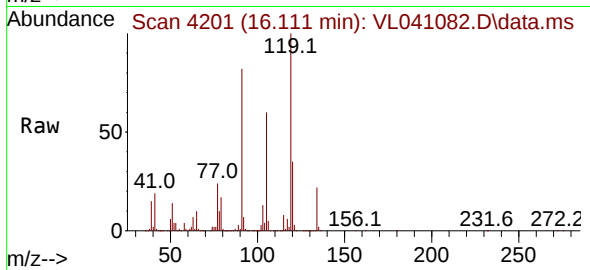
Tgt Ion:120 Resp: 1323777
Ion Ratio Lower Upper
120 100
91 484.4 387.5 581.3





#65
tert-Butylbenzene
Concen: 9.790 ppbv
RT: 16.111 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

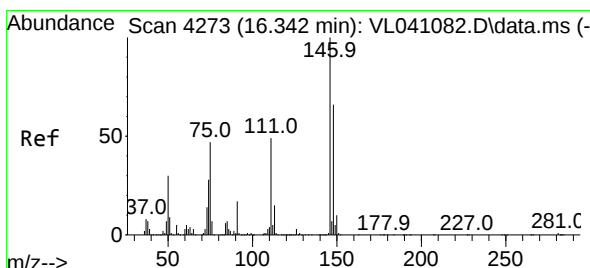
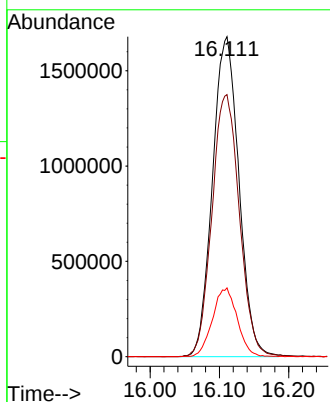
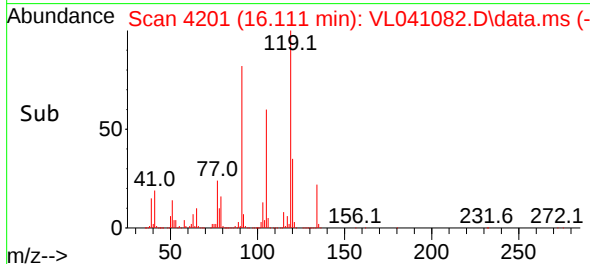
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:119 Resp: 4453629
Ion Ratio Lower Upper
119 100
91 84.8 67.8 101.8
134 20.2 16.2 24.2

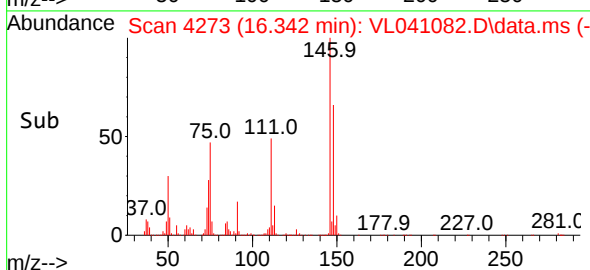
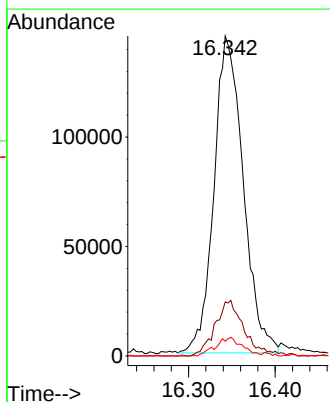
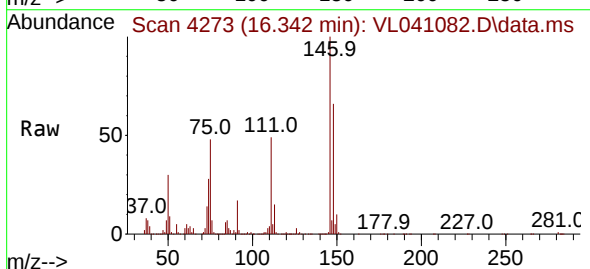
Manual Integrations
APPROVED

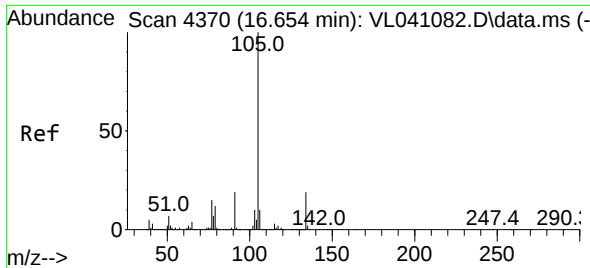
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#66
Benzyl Chloride
Concen: 11.062 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

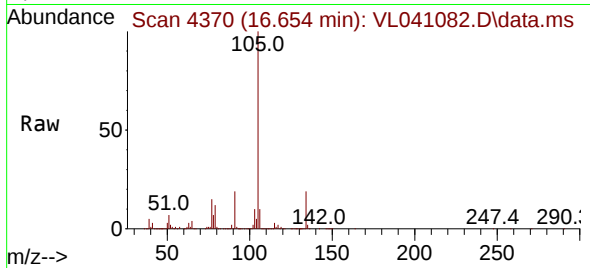
Tgt Ion: 91 Resp: 339120
Ion Ratio Lower Upper
91 100
126 17.6 14.1 21.1
128 5.8 4.6 7.0





#67
 sec-Butylbenzene
 Concen: 9.706 ppbv
 RT: 16.654 min Scan# 4370
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

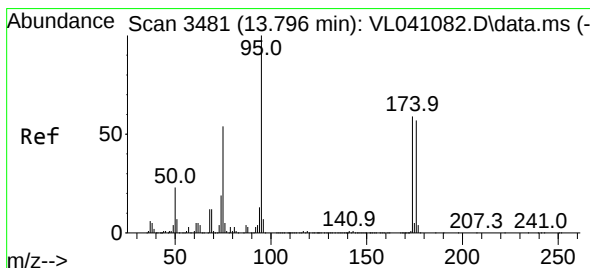
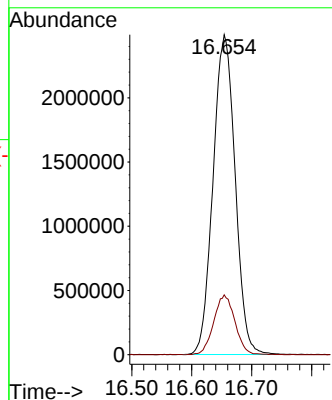
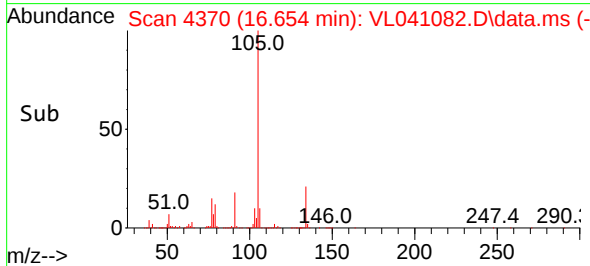
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 105 Resp: 6360800
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5

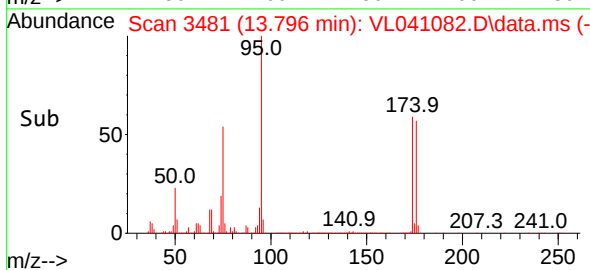
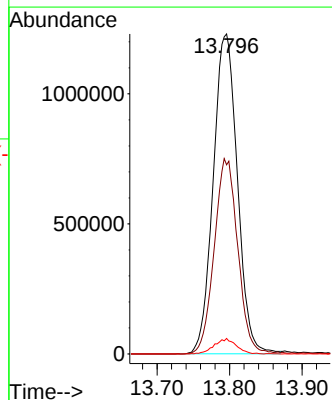
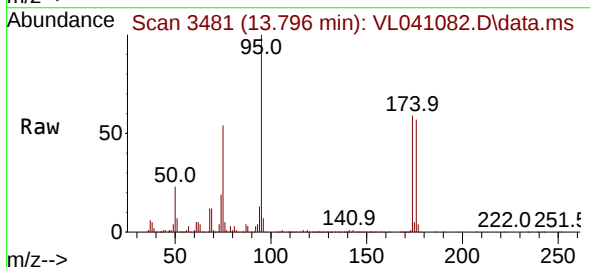
Manual Integrations
 APPROVED

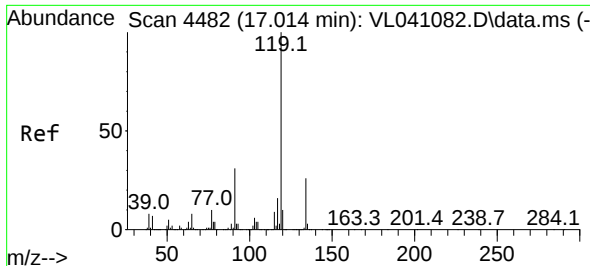
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.079 ppbv
 RT: 13.796 min Scan# 3481
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

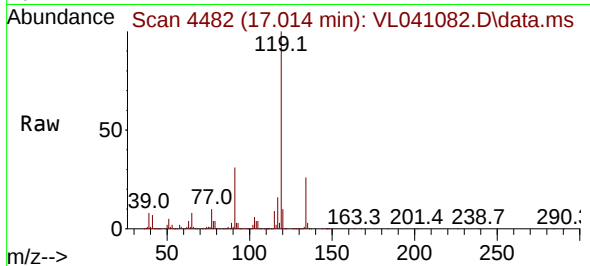
Tgt Ion: 95 Resp: 2849661
 Ion Ratio Lower Upper
 95 100
 174 59.8 47.8 71.8
 175 4.4 3.5 5.3





#69
p-Isopropyltoluene
Concen: 10.022 ppbv
RT: 17.014 min Scan# 4482
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

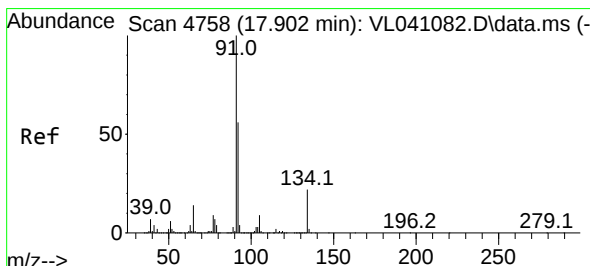
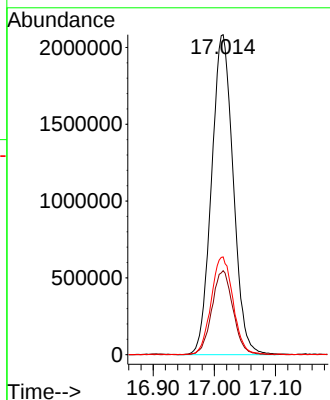
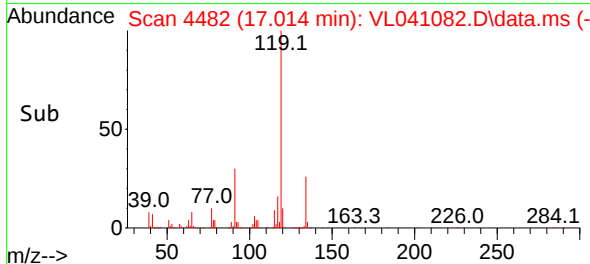
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



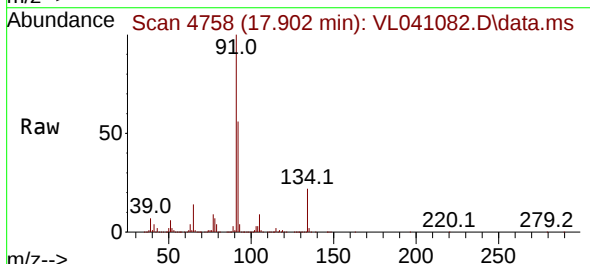
Tgt Ion:119 Resp: 5123320
Ion Ratio Lower Upper
119 100
134 25.7 20.6 30.8
91 30.9 24.7 37.1

Manual Integrations
APPROVED

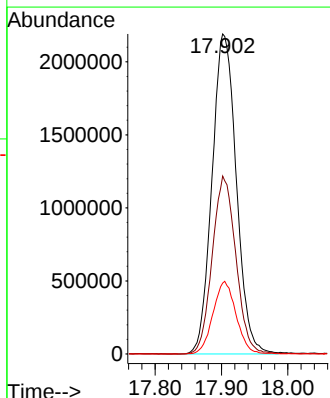
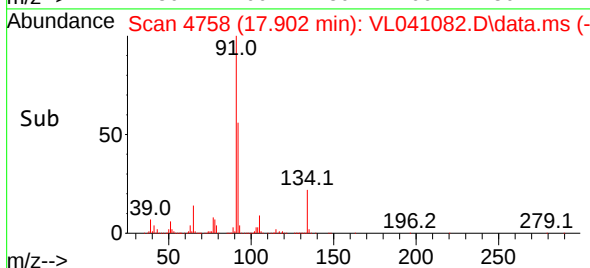
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

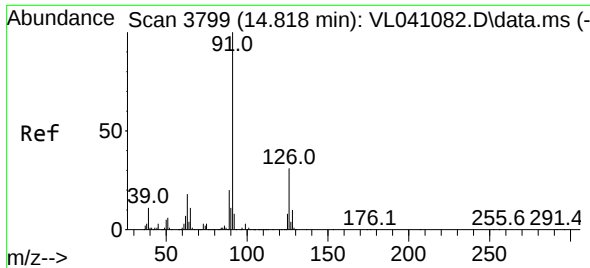


#70
n-Butylbenzene
Concen: 10.089 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05



Tgt Ion: 91 Resp: 5573867
Ion Ratio Lower Upper
91 100
92 54.3 43.4 65.2
134 21.7 17.4 26.0





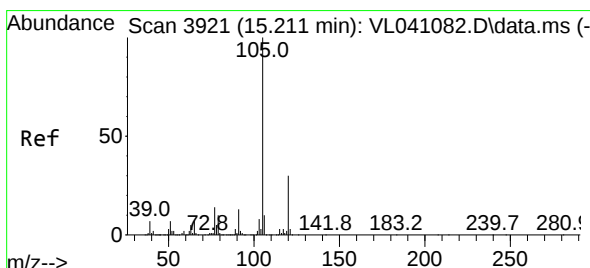
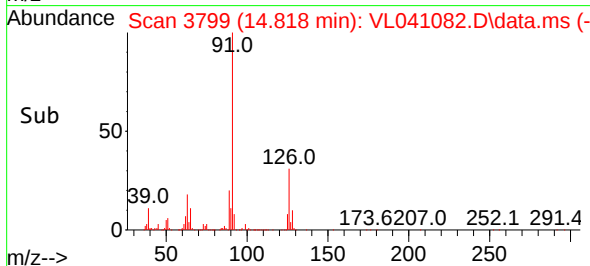
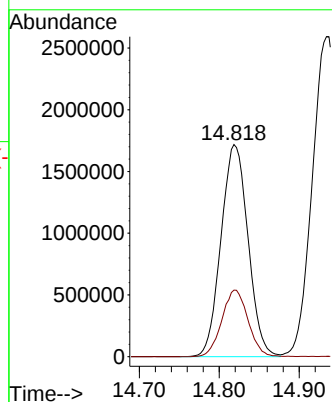
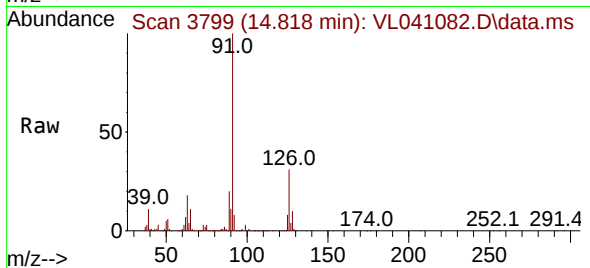
#71
2-Chlorotoluene
Concen: 10.067 ppbv
RT: 14.818 min Scan# 3799
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 403620
Ion Ratio Lower Upper
91 100
126 30.5 12.2 48.8

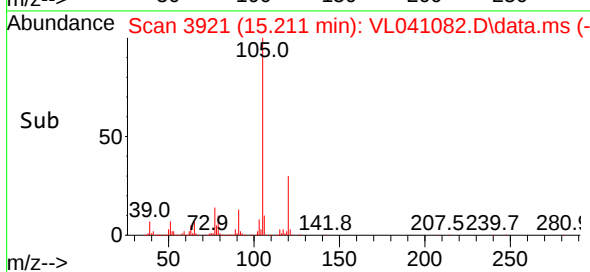
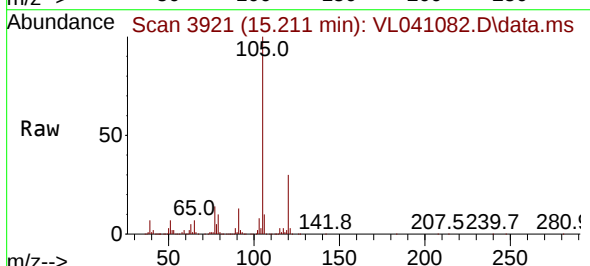
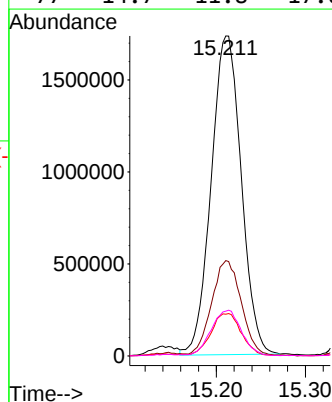
Manual Integrations
APPROVED

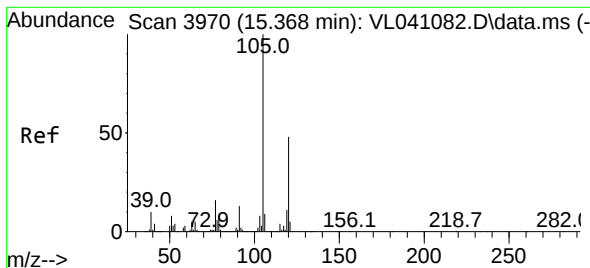
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#72
4-Ethyltoluene
Concen: 10.457 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion:105 Resp: 4062674
Ion Ratio Lower Upper
105 100
120 29.8 23.8 35.8
91 13.6 10.9 16.3
77 14.7 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 10.185 ppbv

RT: 15.368 min Scan# 3970

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 3501734

Ion Ratio Lower Upper

105 100

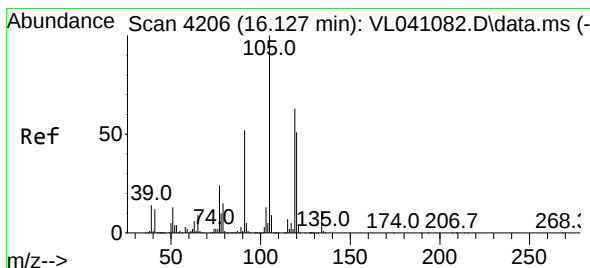
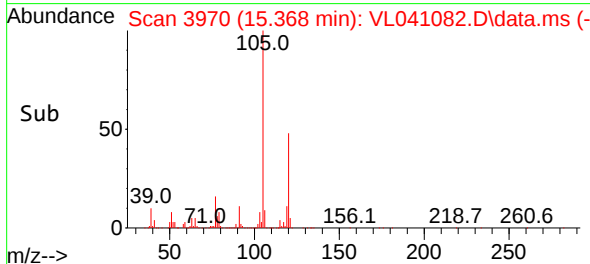
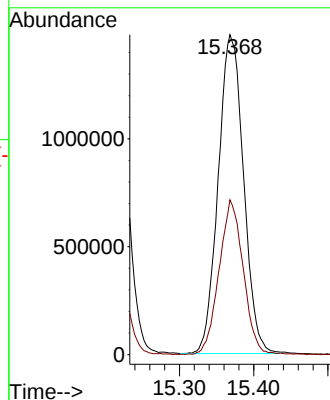
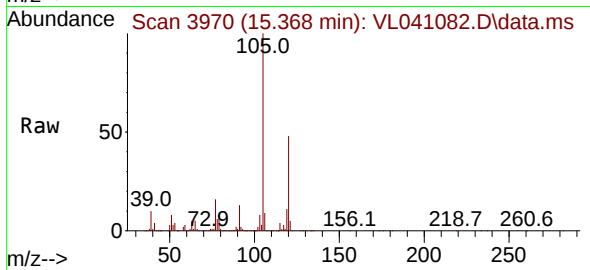
120 48.4 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.762 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Tgt Ion:105 Resp: 3833200

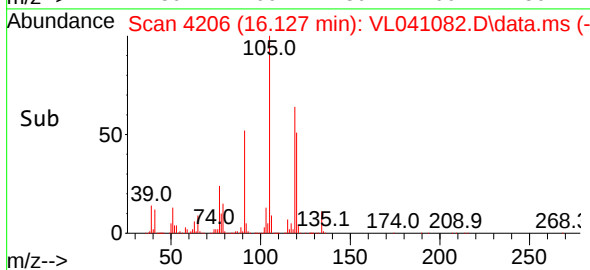
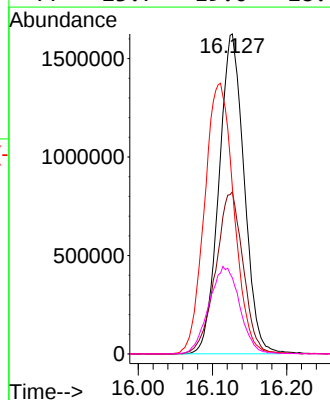
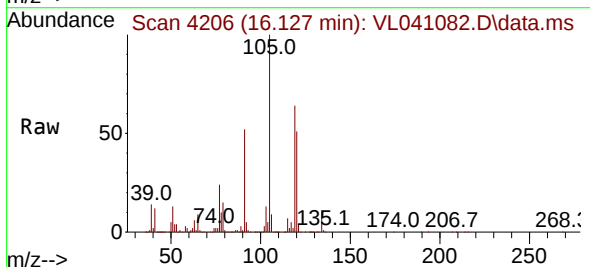
Ion Ratio Lower Upper

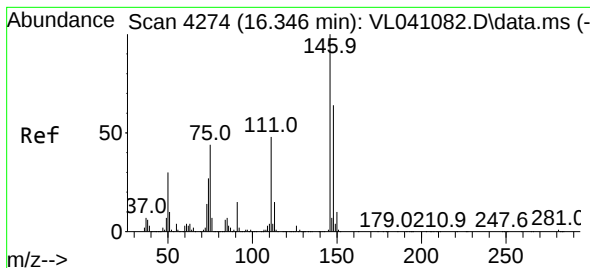
105 100

120 50.5 40.4 60.6

91 51.7 41.4 62.0

77 23.7 19.0 28.4





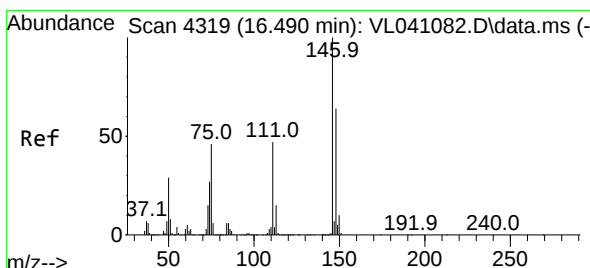
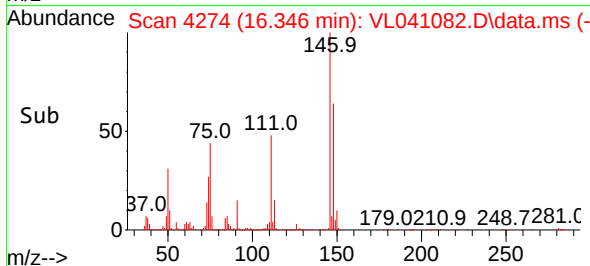
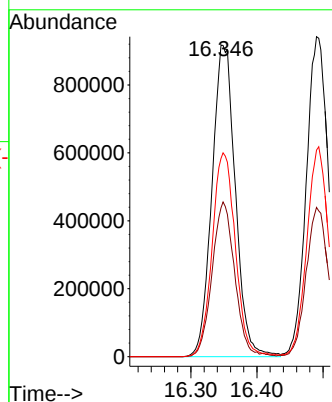
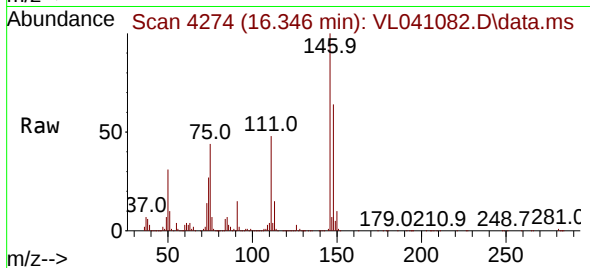
#75
1,3-Dichlorobenzene
Concen: 10.064 ppbv m
RT: 16.346 min Scan# 4274
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2255250
Ion Ratio Lower Upper
146 100
111 48.1 24.1 72.2
148 65.1 32.6 97.7

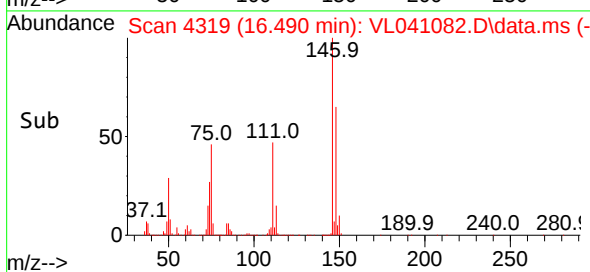
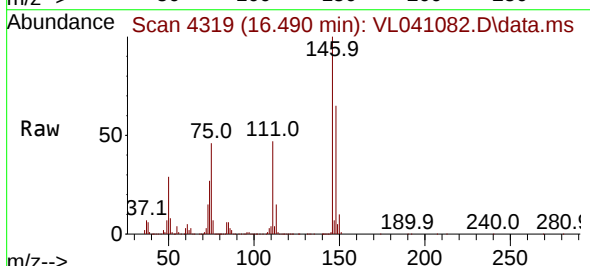
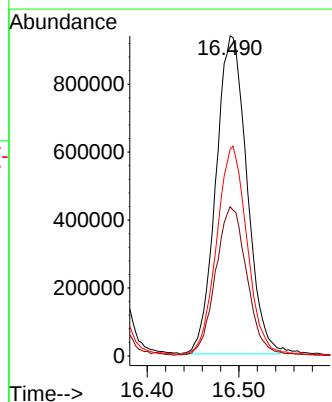
Manual Integrations
APPROVED

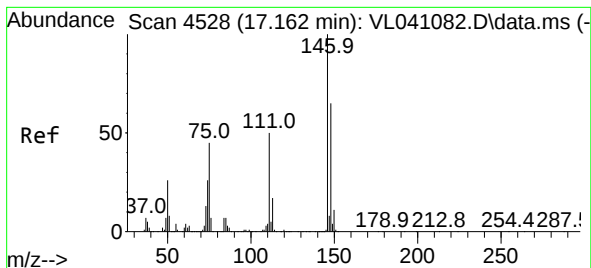
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#76
1,4-Dichlorobenzene
Concen: 9.750 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion:146 Resp: 2198393
Ion Ratio Lower Upper
146 100
111 47.8 23.9 71.7
148 65.7 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.793 ppbv

RT: 17.162 min Scan# 4528

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 216773

Ion Ratio Lower Upper

146 100

111 50.4 25.2 75.6

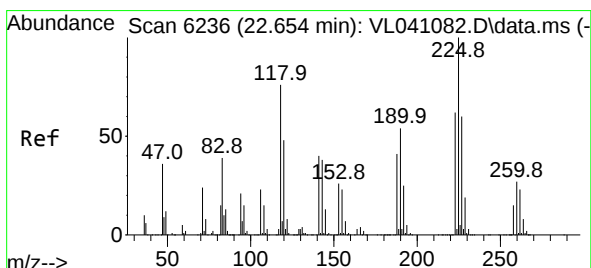
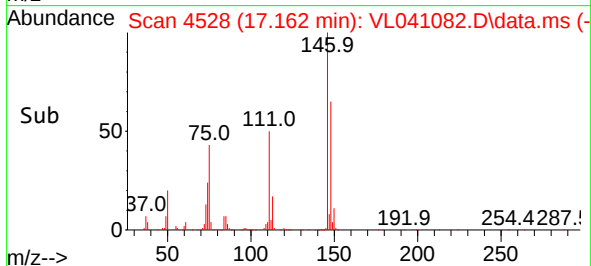
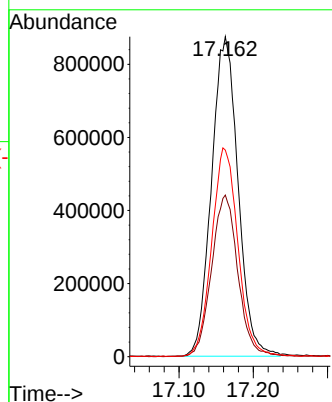
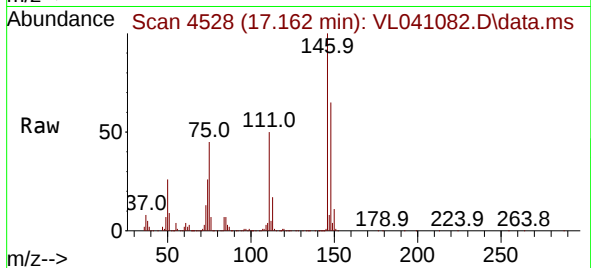
148 64.7 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.392 ppbv

RT: 22.654 min Scan# 6236

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

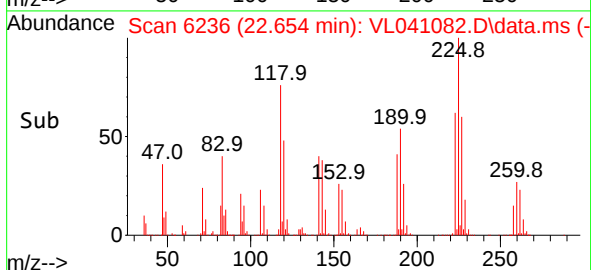
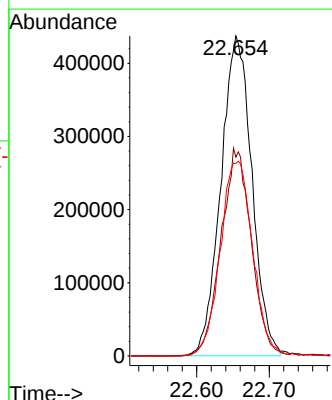
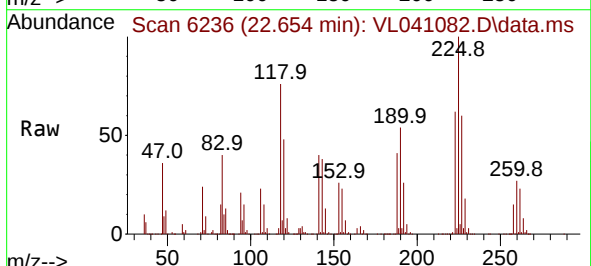
Tgt Ion:225 Resp: 1299264

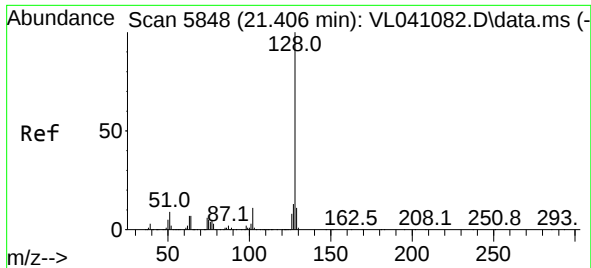
Ion Ratio Lower Upper

225 100

223 63.9 51.1 76.7

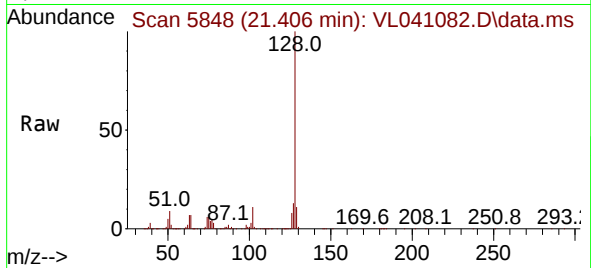
227 63.9 51.1 76.7





#79
Naphthalene
Concen: 12.045 ppbv
RT: 21.406 min Scan# 5848
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

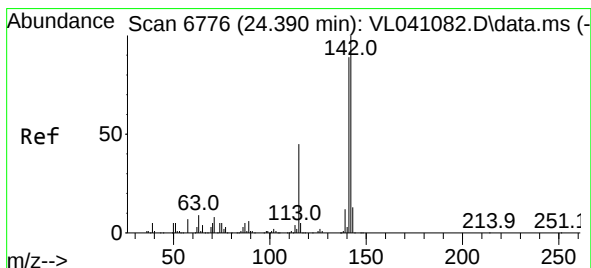
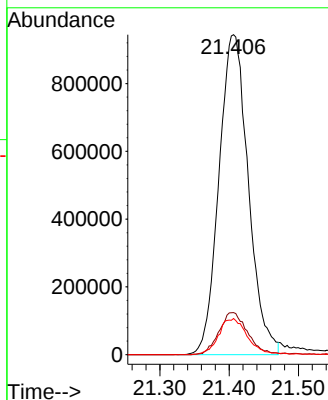
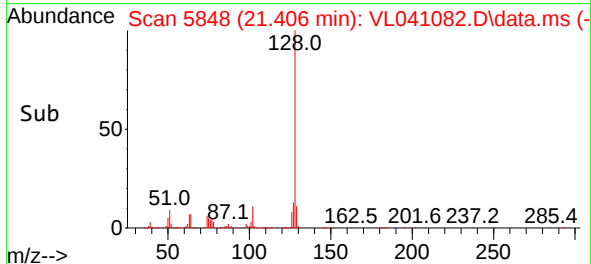
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:128 Resp: 2783574
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.3 9.0 13.6

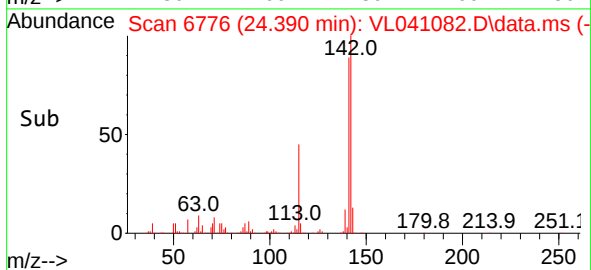
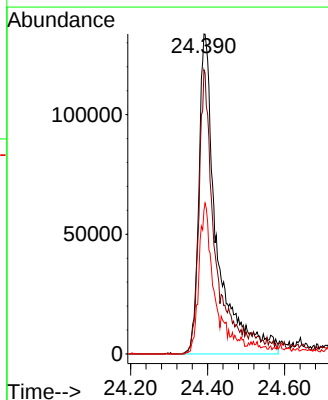
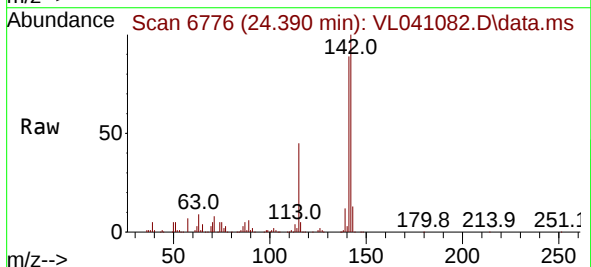
Manual Integrations
APPROVED

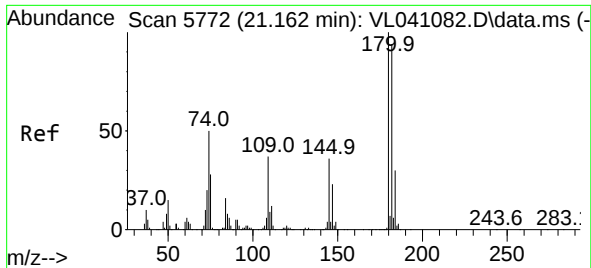
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#80
Naphthalene,2-methyl-
Concen: 14.466 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

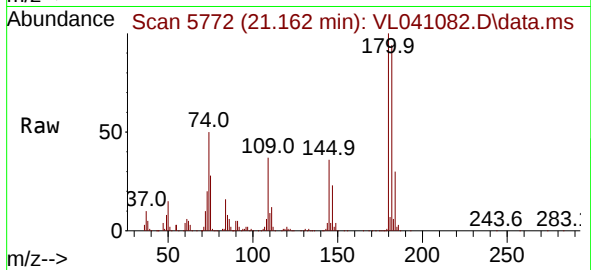
Tgt Ion:142 Resp: 436496
Ion Ratio Lower Upper
142 100
141 76.6 61.3 91.9
115 44.3 35.4 53.2





#81
1,2,4-Trichlorobenzene
Concen: 10.428 ppbv
RT: 21.162 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 1377389
Ion Ratio Lower Upper
180 100
182 98.4 78.7 118.1
184 31.6 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

