

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080723\
 Data File : VL040593.D
 Acq On : 7 Aug 2023 10:33
 Operator : SY/MD
 Sample : VL0807ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/08/2023
 Supervised By : Mahesh Dadoda 08/09/2023

Quant Time: Aug 08 01:40:14 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 4 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1210377	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.655	114	2955887	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2778022	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 2422178 11.017 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 110.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	2300178	9.501	ppbv	99
3) Chlorodifluoromethane	2.674	51	1740763	9.073	ppbv	96
4) Chloromethane	2.812	50	661574	8.705	ppbv	96
5) Vinyl Chloride	2.918	62	748703	9.382	ppbv	97
6) Bromomethane	3.118	94	325685	9.669	ppbv	99
7) Chloroethane	3.198	64	272900	9.746	ppbv	98
8) Dichlorotetrafluoroethane	2.857	85	1903537	9.556	ppbv	99
9) Propene	2.693	41	521352	7.938	ppbv	99
10) Heptane	7.584	43	1364066	9.405	ppbv	98
11) Trichlorofluoromethane	3.562	101	2030115	10.392	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.063	101	1407655	10.231	ppbv	95
13) Ethanol	3.237	45	107418	7.517	ppbv	96
14) Bromoethene	3.365	108	601377	10.165	ppbv	99
15) Acetone	3.465	43	1309775	9.401	ppbv	99
16) 1,3-Butadiene	2.986	39	658951	9.375	ppbv	100
17) tert-Butyl alcohol	3.877	59	1391476	9.656	ppbv	99
18) 1,1-Dichloroethene	3.880	96	648153	10.247	ppbv	99
19) Isopropyl Alcohol	3.574	45	767041	9.590	ppbv #	97
20) Methylene Chloride	3.931	84	575013	9.703	ppbv	98
21) Allyl Chloride	3.996	41	748453	9.407	ppbv	94
22) trans-1,2-Dichloroethene	4.446	96	656643	10.522	ppbv	97
23) Vinyl Acetate	4.626	43	1382319	10.414	ppbv	98
24) 1,1-Dichloroethane	4.562	63	1339811	9.945	ppbv	99
25) Ethyl Acetate	5.201	43	2458931	9.270	ppbv	99
26) Hexane	5.211	57	1063349	8.629	ppbv	94
27) Carbon Disulfide	4.124	76	1634621	11.278	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	927853	9.353	ppbv	99
29) Chloroform	5.275	83	1928801	9.437	ppbv	99
30) Cyclohexane	6.600	84	906929	8.845	ppbv	97
31) cis-1,2-Dichloroethene	5.079	61	1127152	9.254	ppbv	98
32) 1,1,1-Trichloroethane	6.005	97	1940538	9.703	ppbv	99
34) 2-Butanone	4.787	43	1468288	10.053	ppbv	97
35) Carbon Tetrachloride	6.497	117	1980441	11.133	ppbv	99
36) Benzene	6.372	78	2219559	9.332	ppbv	97
37) 1,2-Dichloroethane	5.809	62	1475450	10.545	ppbv	97
38) Trichloroethene	7.295	130	925903	10.292	ppbv	98
39) 1,2-Dichloropropane	7.076	63	865118	9.449	ppbv	92
40) 1,4-Dioxane	7.291	88	284694	9.942	ppbv #	94
41) Tetrahydrofuran	5.558	42	819336	9.613	ppbv	98
42) Bromodichloromethane	7.250	83	2070565	10.640	ppbv	100
43) Methyl Methacrylate	7.478	69	920231	10.337	ppbv	95
44) 2,2,4-Trimethylpentane	7.327	57	3738527	9.770	ppbv	97
45) t-1,3-Dichloropropene	8.712	75	618562	10.832	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080723\
 Data File : VL040593.D
 Acq On : 7 Aug 2023 10:33
 Operator : SY/MD
 Sample : VL0807ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/08/2023
 Supervised By : Mahesh Dadoda 08/09/2023

Quant Time: Aug 08 01:40:14 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

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

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	755615	10.313	ppbv	94
47) 1,1,2-Trichloroethane	8.902	97	963848	9.542	ppbv	99
48) Dibromochloromethane	9.712	129	1676676	10.735	ppbv	99
49) Bromoform	12.413	173	1390020	11.226	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2242171	10.565	ppbv	96
51) 2-Hexanone	9.555	43	1603750	10.687	ppbv	97
52) Tetrachloroethene	10.619	164	772334	10.028	ppbv	94
53) Toluene	9.224	91	2578422	9.980	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1263540	10.063	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.513	131	1268719	10.198	ppbv	95
57) Chlorobenzene	11.529	112	2074698	9.576	ppbv	97
58) Ethyl Benzene	12.095	91	3595692	10.314	ppbv	98
59) m/p-Xylene	12.378	91	6374499m	20.486	ppbv	
60) o-Xylene	13.063	91	3106517	10.480	ppbv	99
61) Styrene	12.902	104	1497734	10.954	ppbv	98
62) Isopropylbenzene	14.034	105	4479082	10.082	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.050	83	2200593	10.601	ppbv	100
64) n-propylbenzene	14.918	120	1161679	10.106	ppbv	94
65) tert-Butylbenzene	16.098	119	3968688	10.090	ppbv	96
66) Benzyl Chloride	16.333	91	332062	11.934	ppbv	95
67) sec-Butylbenzene	16.638	105	5700978	9.865	ppbv	98
69) p-Isopropyltoluene	17.002	119	4641275	9.719	ppbv	98
70) n-Butylbenzene	17.892	91	5198765	9.762	ppbv	99
71) 2-Chlorotoluene	14.805	91	3522612	10.288	ppbv	98
72) 4-Ethyltoluene	15.198	105	3619091	10.416	ppbv	98
73) 1,3,5-Trimethylbenzene	15.359	105	3144252	10.266	ppbv	95
74) 1,2,4-Trimethylbenzene	16.114	105	3568359	9.993	ppbv	96
75) 1,3-Dichlorobenzene	16.339	146	2035619	9.402	ppbv	98
76) 1,4-Dichlorobenzene	16.477	146	1975912	9.307	ppbv	97
77) 1,2-Dichlorobenzene	17.146	146	1951470	9.426	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	1409552	7.250	ppbv	99
79) Naphthalene	21.390	128	2871088	9.503	ppbv	98
80) Naphthalene,2-methyl-	24.377	142	763328	6.127	ppbv	97
81) 1,2,4-Trichlorobenzene	21.146	180	1666875	8.006	ppbv	100

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

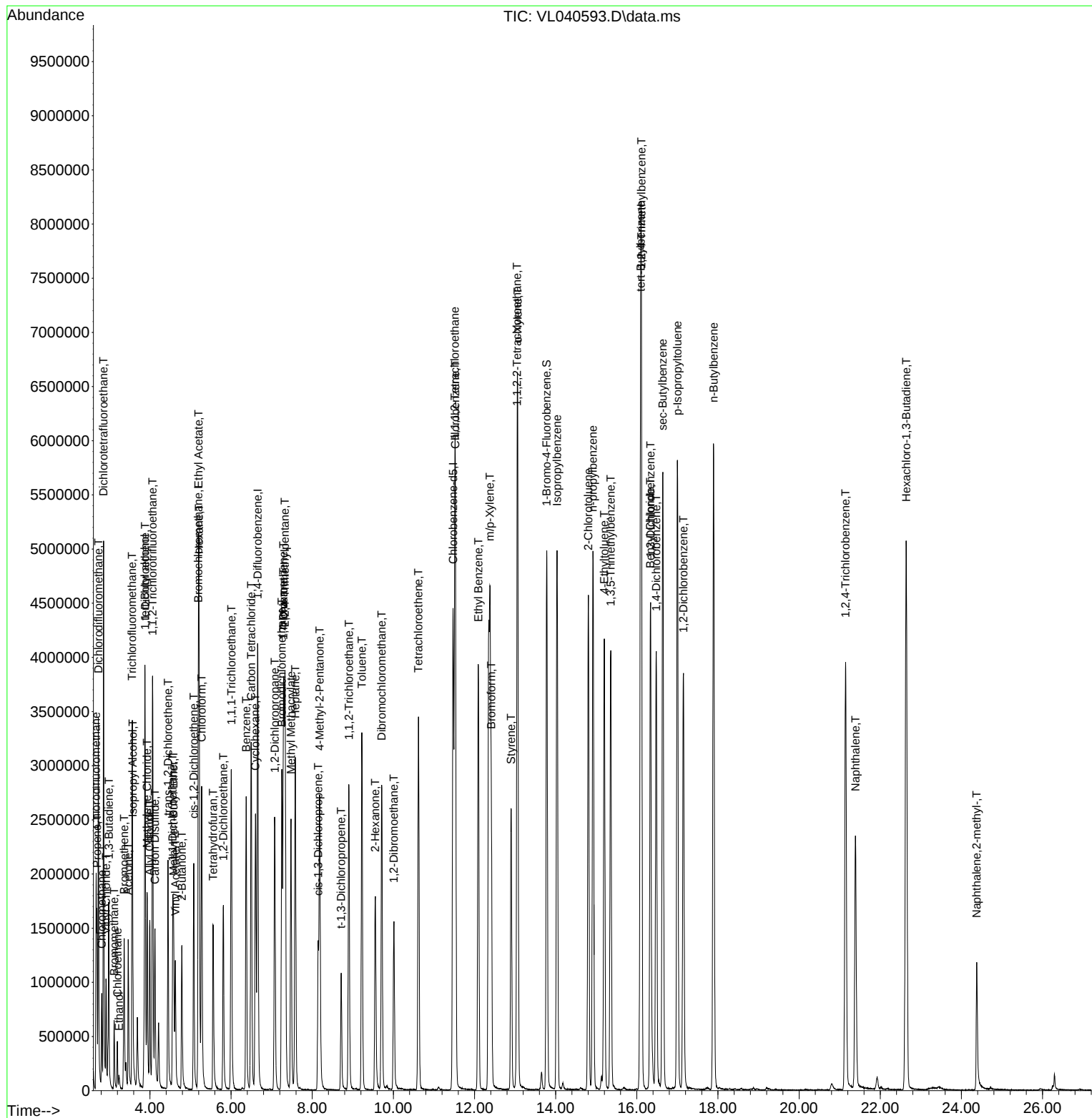
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080723\
Data File : VL040593.D
Acq On : 7 Aug 2023 10:33
Operator : SY/MD
Sample : VL0807ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

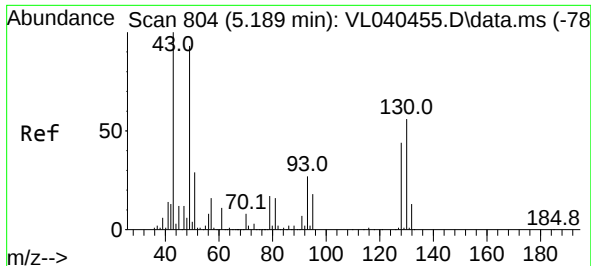
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 08/08/2023
Supervised By : Mahesh Dadoda 08/09/2023

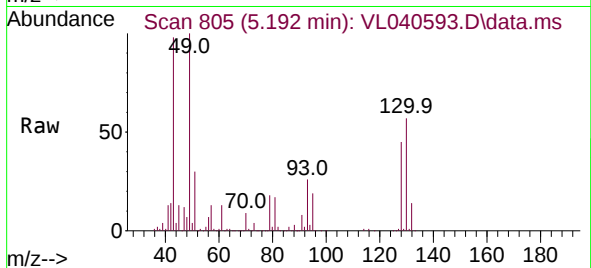
Quant Time: Aug 08 01:40:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

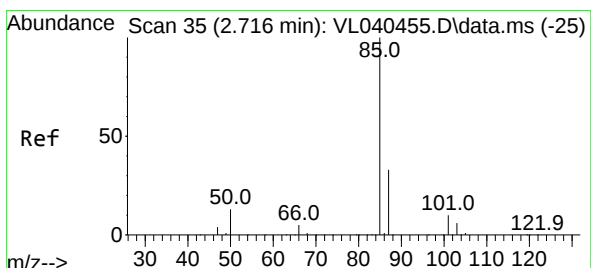
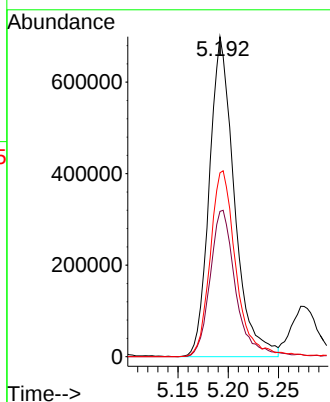
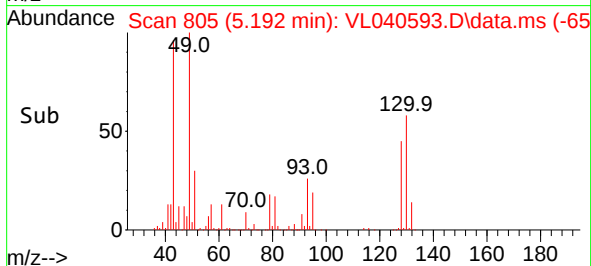
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



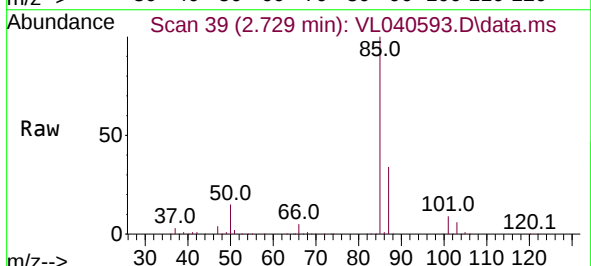
Tgt Ion: 49 Resp: 121037
Ion Ratio Lower Upper
49 100
128 47.1 25.1 75.4
130 60.4 31.6 94.7

Manual Integrations
APPROVED

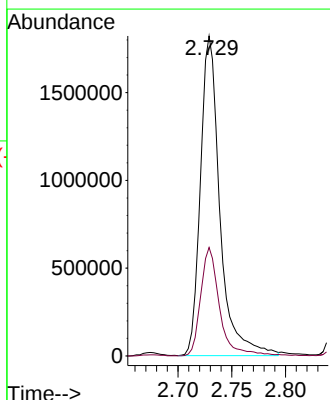
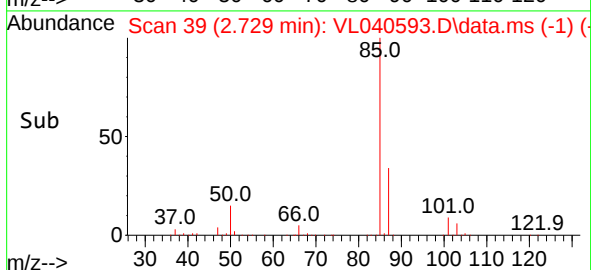
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023

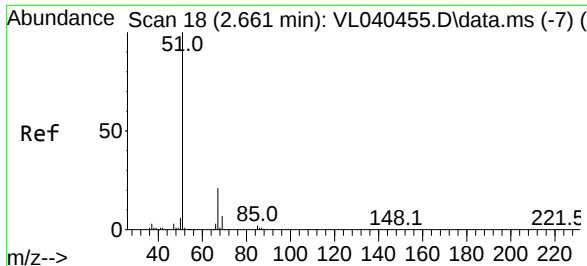


#2
Dichlorodifluoromethane
Concen: 9.501 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33



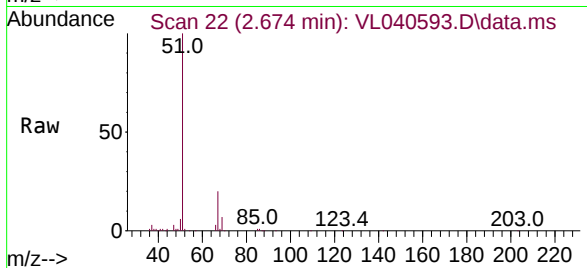
Tgt Ion: 85 Resp: 2300178
Ion Ratio Lower Upper
85 100
87 33.9 26.8 40.2





#3
Chlorodifluoromethane
Concen: 9.073 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

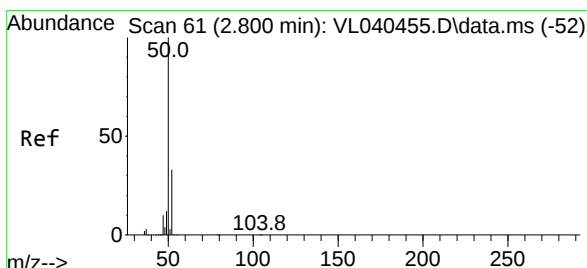
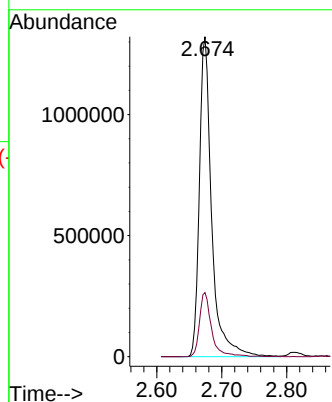
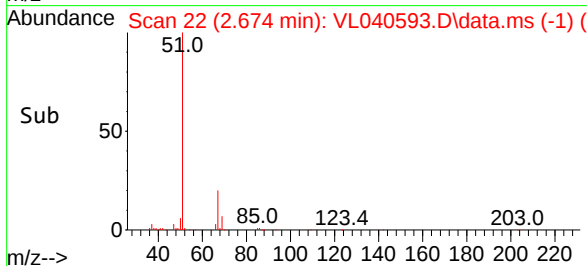
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion: 51 Resp: 174076
Ion Ratio Lower Upper
51 100
67 19.8 14.6 21.8

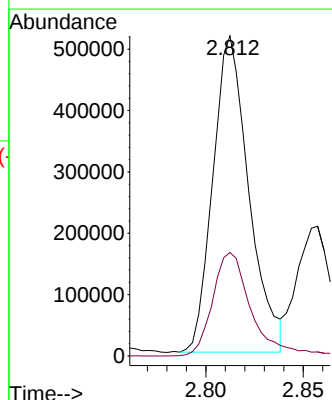
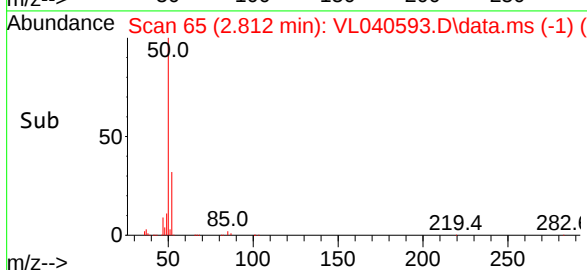
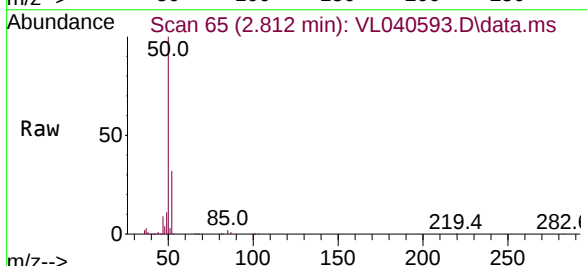
Manual Integrations
APPROVED

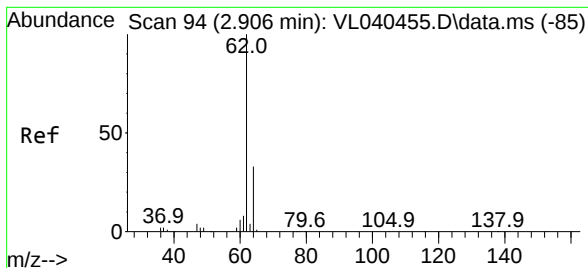
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#4
Chloromethane
Concen: 8.705 ppbv
RT: 2.812 min Scan# 65
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Tgt Ion: 50 Resp: 661574
Ion Ratio Lower Upper
50 100
52 32.6 24.4 36.6





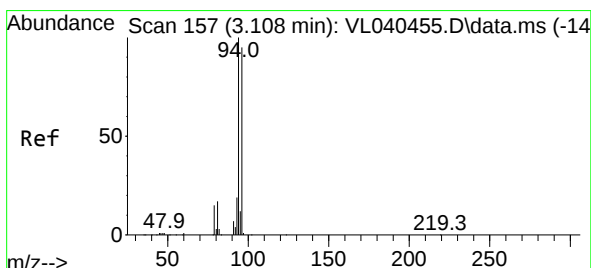
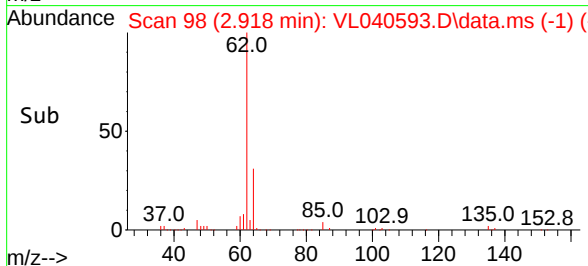
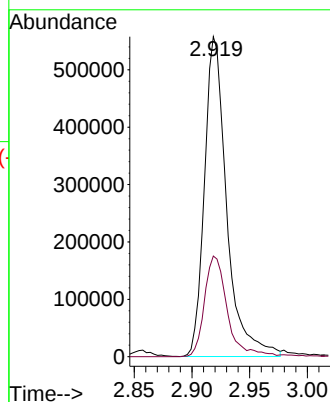
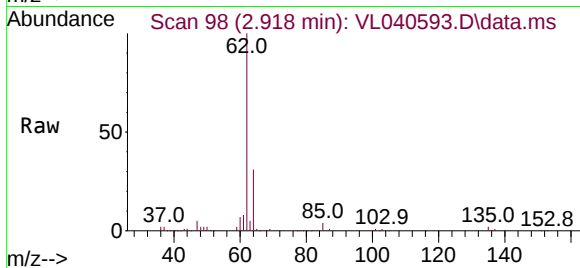
#5
 Vinyl Chloride
 Concen: 9.382 ppbv
 RT: 2.918 min Scan# 94
 Delta R.T. -0.010 min
 Lab File: VL040593.D
 Acq: 7 Aug 2023 10:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01

Tgt Ion: 62 Resp: 74870
 Ion Ratio Lower Upper
 62 100
 64 31.5 26.4 39.6

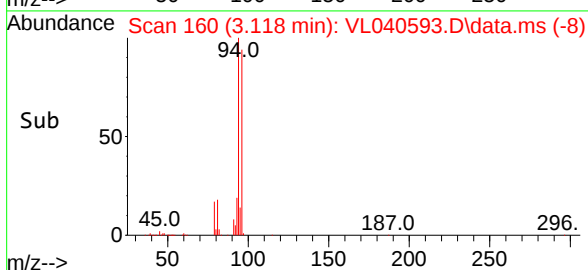
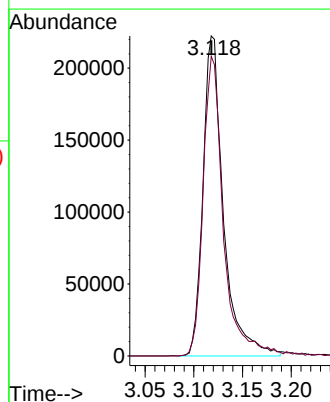
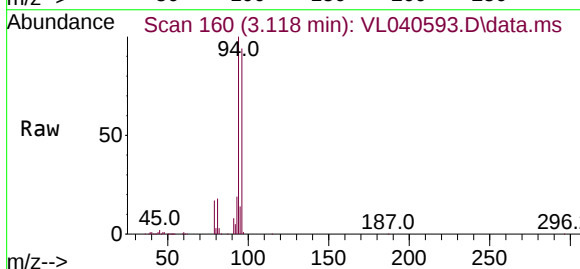
Manual Integrations
 APPROVED

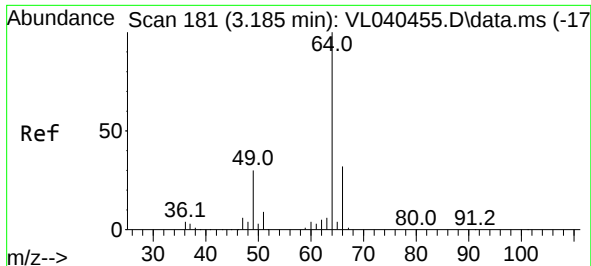
Reviewed By :Semsettin Yesilyurt 08/08/2023
 Supervised By :Mahesh Dadoda 08/09/2023



#6
 Bromomethane
 Concen: 9.669 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. -0.010 min
 Lab File: VL040593.D
 Acq: 7 Aug 2023 10:33

Tgt Ion: 94 Resp: 325685
 Ion Ratio Lower Upper
 94 100
 96 93.6 75.7 113.5





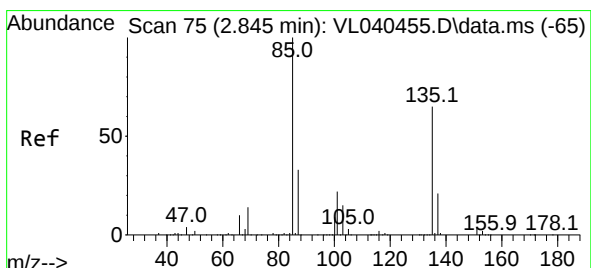
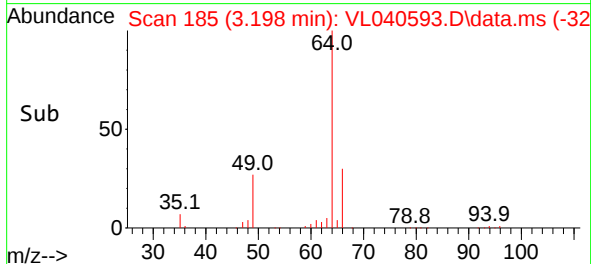
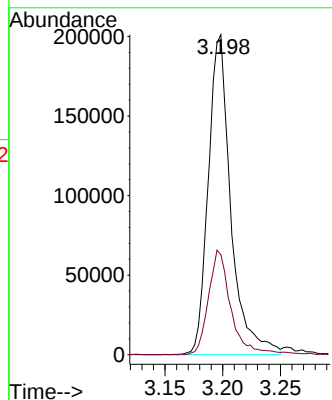
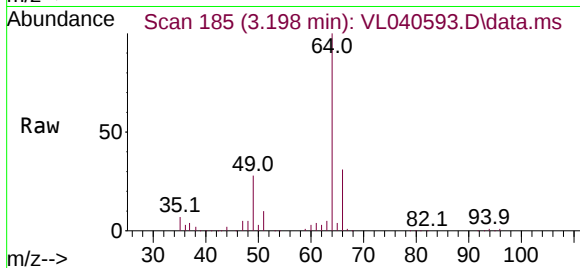
#7
Chloroethane
Concen: 9.746 ppbv
RT: 3.198 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01

Tgt Ion: 64 Resp: 272900
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6

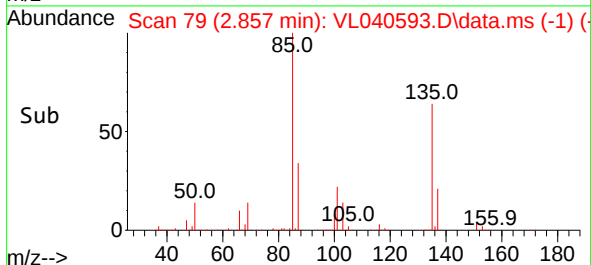
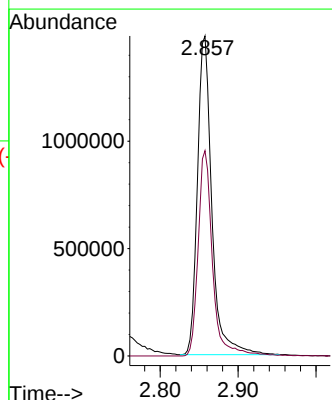
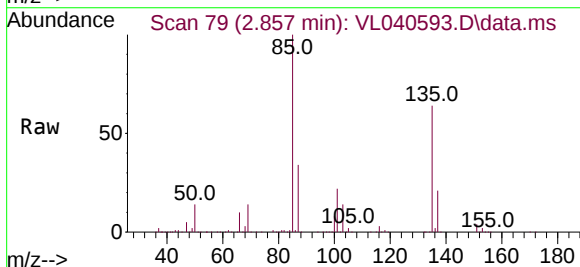
Manual Integrations
APPROVED

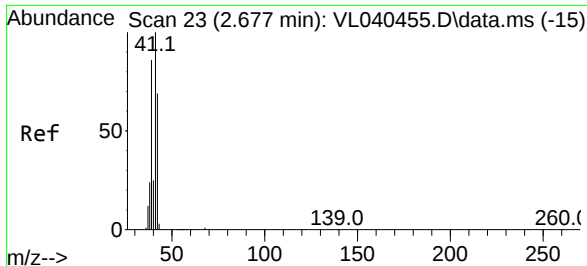
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#8
Dichlorotetrafluoroethane
Concen: 9.556 ppbv
RT: 2.857 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

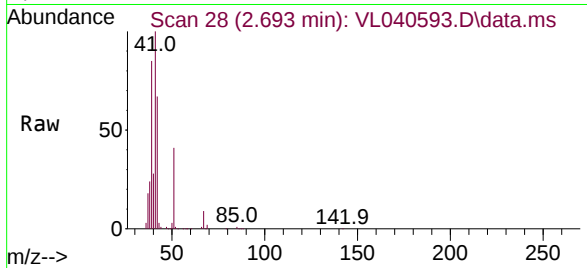
Tgt Ion: 85 Resp: 1903537
Ion Ratio Lower Upper
85 100
135 64.7 52.4 78.6





#9
 Propene
 Concen: 7.938 ppbv
 RT: 2.693 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VL040593.D
 Acq: 7 Aug 2023 10:33

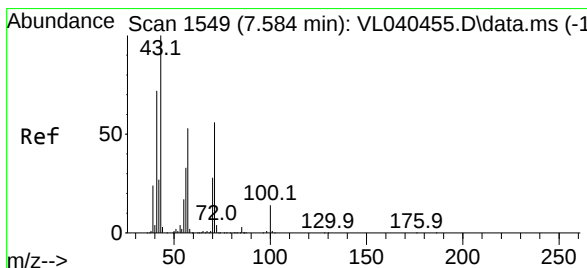
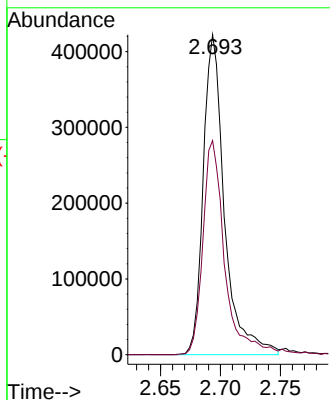
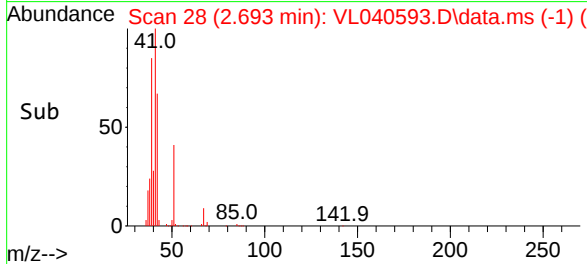
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01



Tgt Ion: 41 Resp: 521352
 Ion Ratio Lower Upper
 41 100
 42 69.7 55.0 82.6

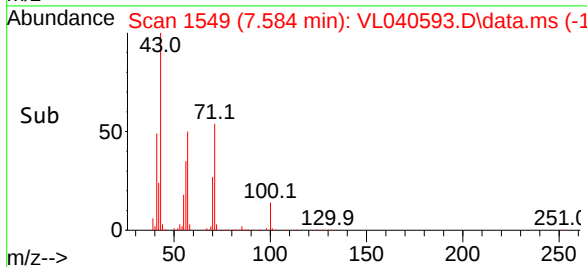
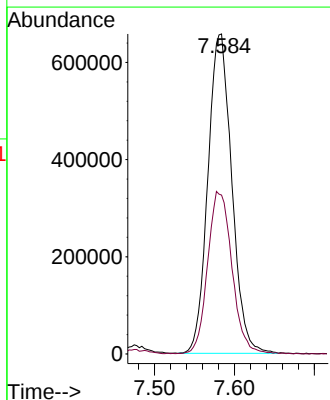
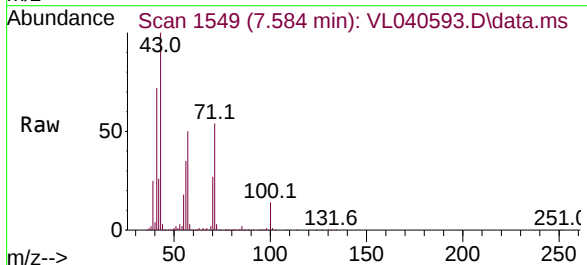
Manual Integrations
 APPROVED

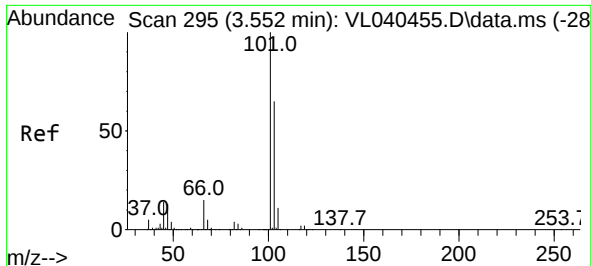
Reviewed By :Semsettin Yesilyurt 08/08/2023
 Supervised By :Mahesh Dadoda 08/09/2023



#10
 Heptane
 Concen: 9.405 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. -0.007 min
 Lab File: VL040593.D
 Acq: 7 Aug 2023 10:33

Tgt Ion: 43 Resp: 1364066
 Ion Ratio Lower Upper
 43 100
 57 51.9 42.5 63.7





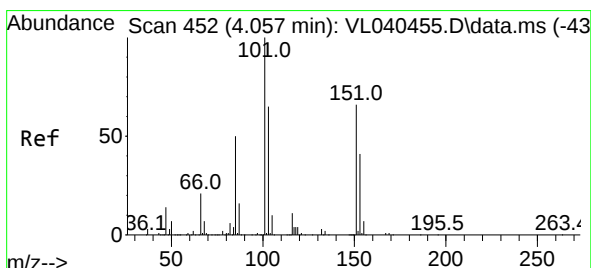
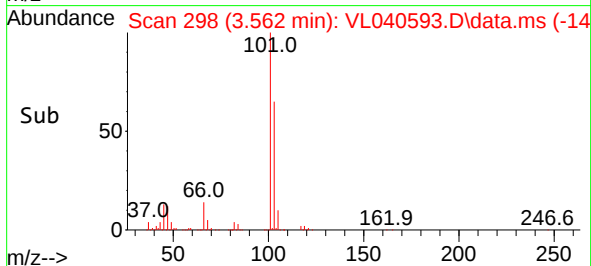
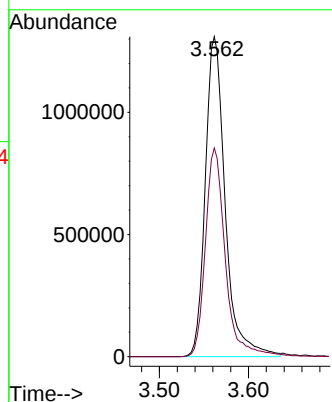
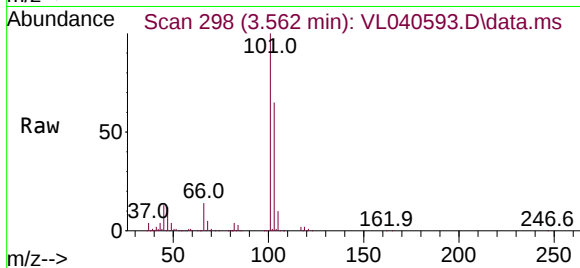
#11
Trichlorofluoromethane
Concen: 10.392 ppbv
RT: 3.562 min Scan# 295
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01

Tgt Ion:101 Resp: 203011
Ion Ratio Lower Upper
101 100
103 65.2 53.4 80.0

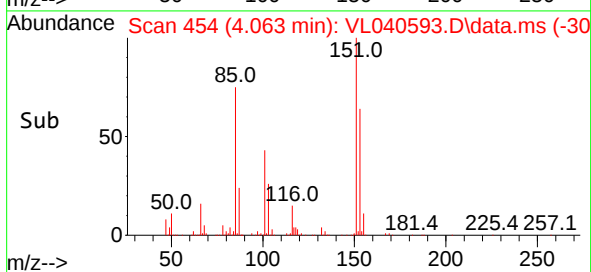
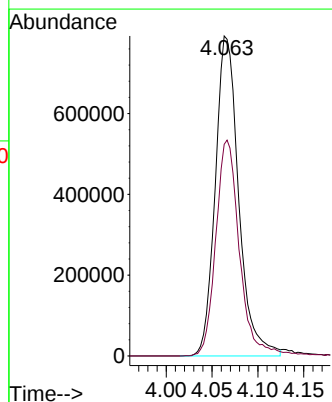
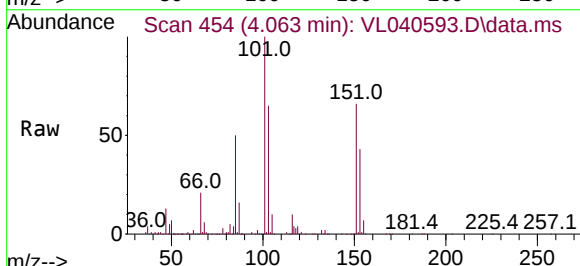
Manual Integrations
APPROVED

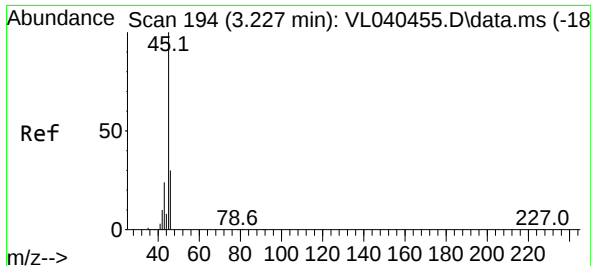
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.231 ppbv
RT: 4.063 min Scan# 454
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

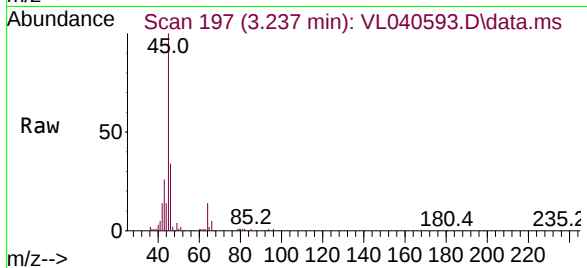
Tgt Ion:101 Resp: 1407655
Ion Ratio Lower Upper
101 100
151 68.7 58.2 87.4





#13
Ethanol
Concen: 7.517 ppbv
RT: 3.237 min Scan# 194
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

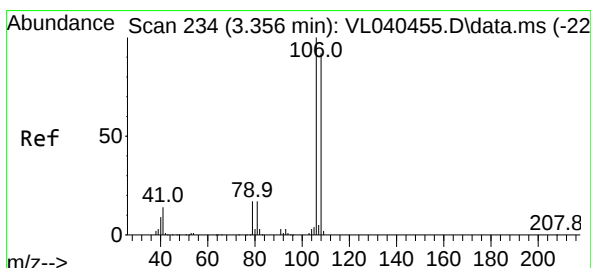
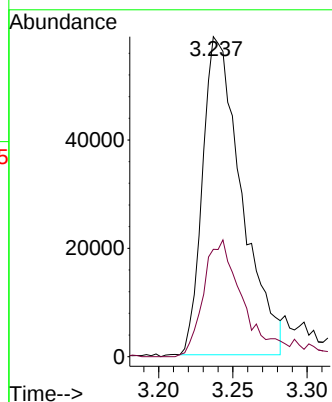
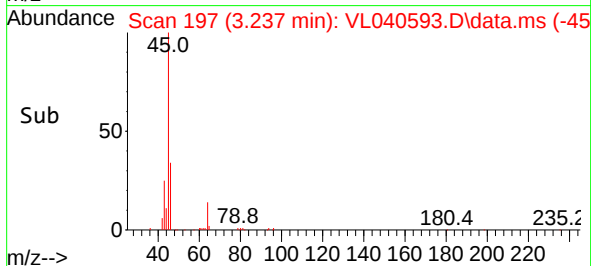
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



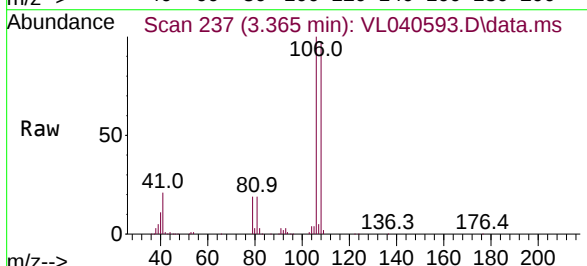
Tgt Ion: 45 Resp: 107418
Ion Ratio Lower Upper
45 100
46 40.7 15.3 61.1

Manual Integrations
APPROVED

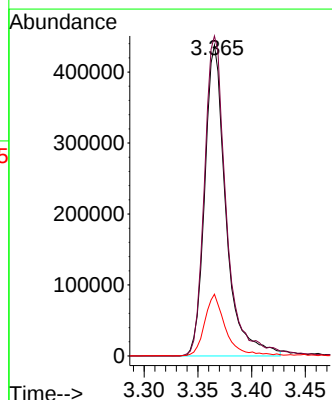
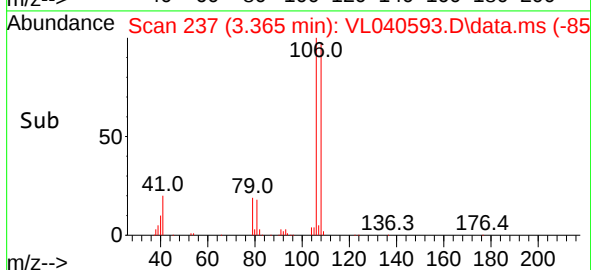
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023

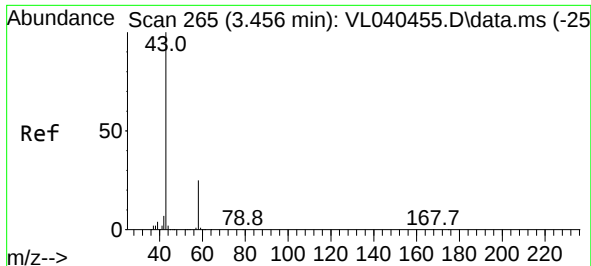


#14
Bromoethene
Concen: 10.165 ppbv
RT: 3.365 min Scan# 237
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33



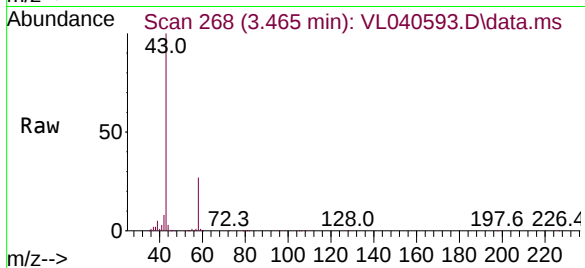
Tgt Ion:108 Resp: 601377
Ion Ratio Lower Upper
108 100
106 107.5 87.2 130.8
79 19.9 15.3 22.9





#15
Acetone
Concen: 9.401 ppbv
RT: 3.465 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

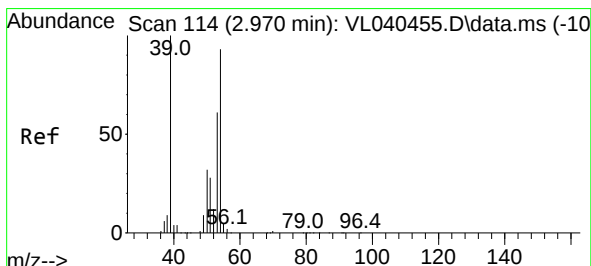
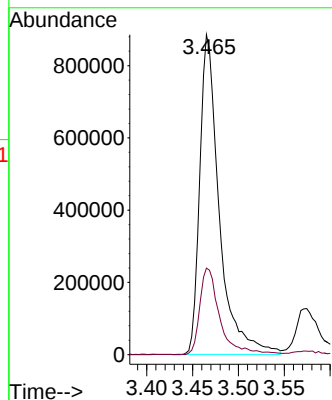
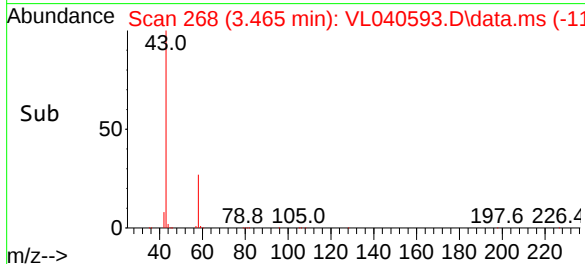
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion: 43 Resp: 130977
Ion Ratio Lower Upper
43 100
58 27.9 22.9 34.3

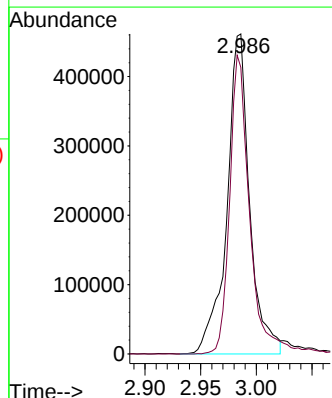
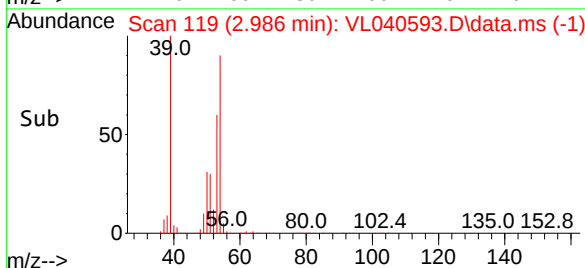
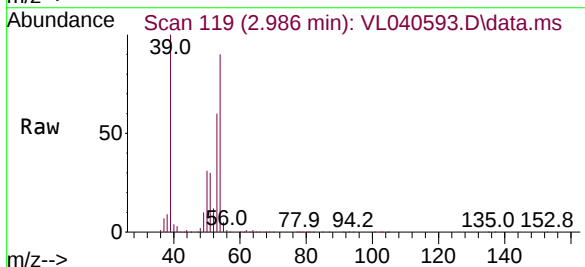
Manual Integrations
APPROVED

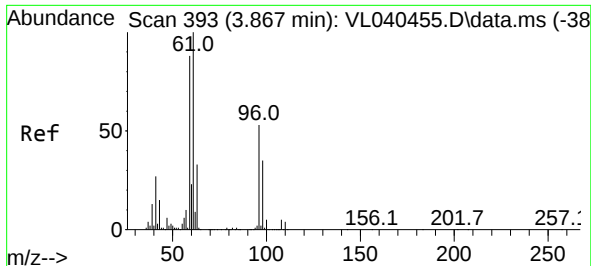
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#16
1,3-Butadiene
Concen: 9.375 ppbv
RT: 2.986 min Scan# 119
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Tgt Ion: 39 Resp: 658951
Ion Ratio Lower Upper
39 100
54 83.1 66.6 100.0





#17

tert-Butyl alcohol

Concen: 9.656 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.007 min

Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

Tgt Ion: 59 Resp: 139147

Ion Ratio Lower Upper

59 100

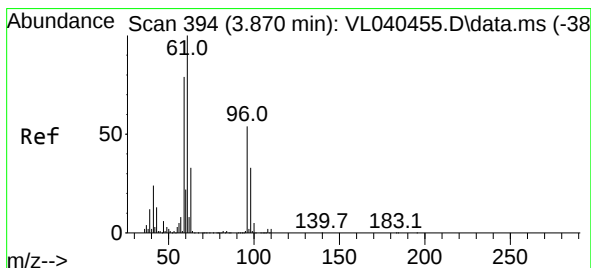
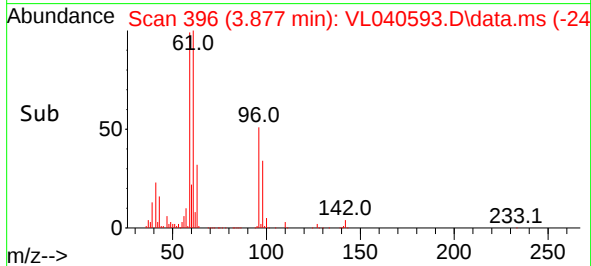
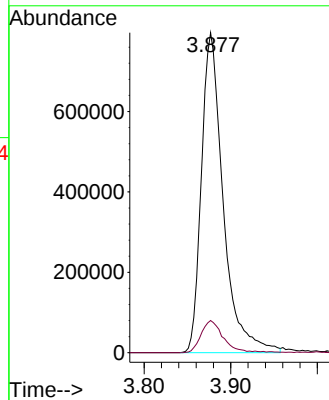
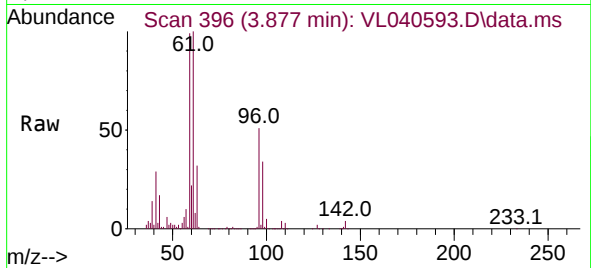
57 10.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2023

Supervised By :Mahesh Dadoda 08/09/2023



#18

1,1-Dichloroethene

Concen: 10.247 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.010 min

Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

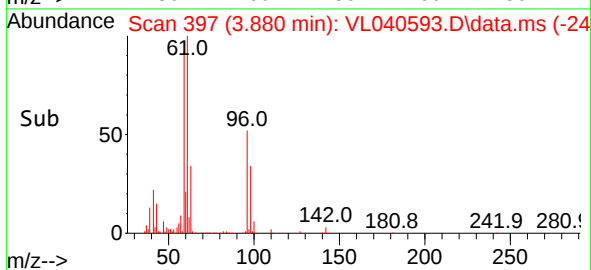
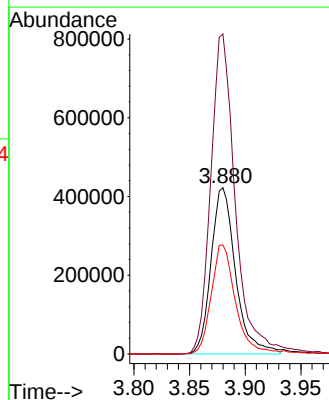
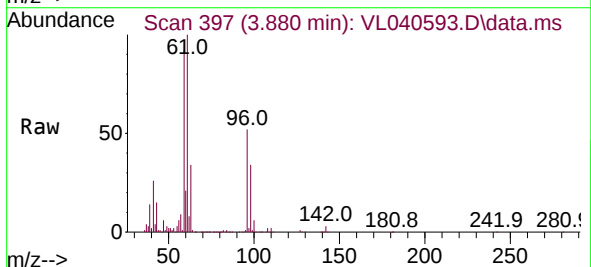
Tgt Ion: 96 Resp: 648153

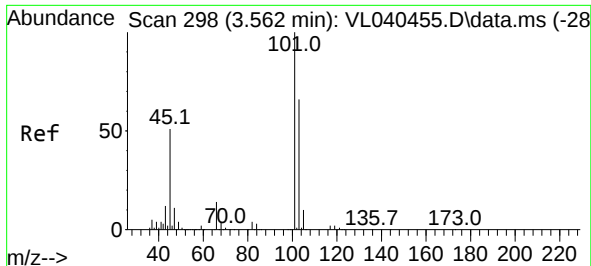
Ion Ratio Lower Upper

96 100

61 192.6 154.4 231.6

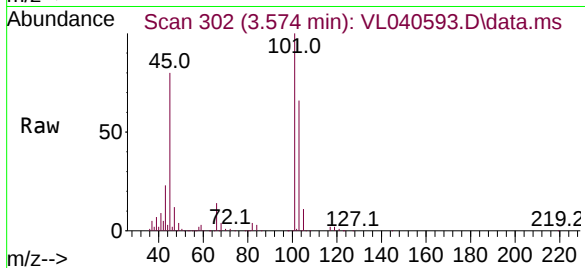
98 65.6 50.0 75.0





#19
Isopropyl Alcohol
Concen: 9.590 ppbv
RT: 3.574 min Scan# 302
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

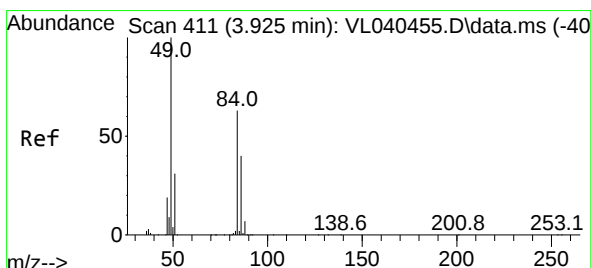
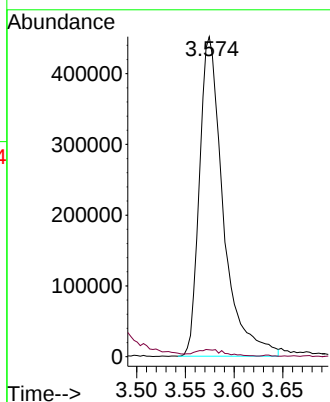
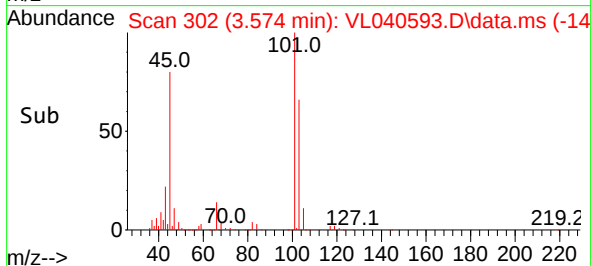
Instrument : MSVOA_L
ClientSampleId : VL0807ABS01



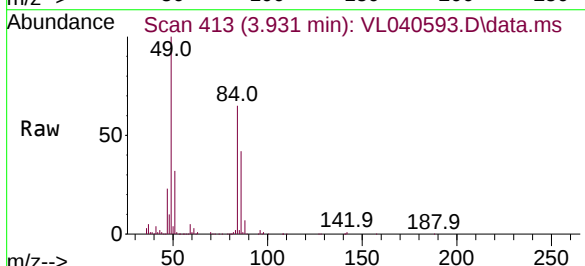
Tgt Ion: 45 Resp: 76704
Ion Ratio Lower Upper
45 100
58 2.6 1.1 1.7

Manual Integrations
APPROVED

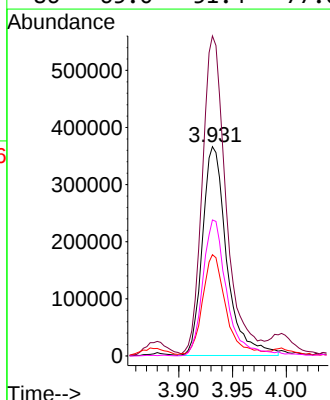
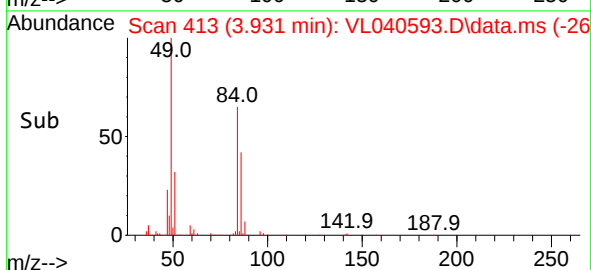
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023

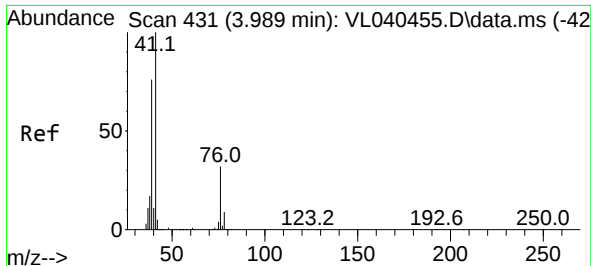


#20
Methylene Chloride
Concen: 9.703 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33



Tgt Ion: 84 Resp: 575013
Ion Ratio Lower Upper
84 100
49 151.6 123.4 185.2
51 47.7 38.3 57.5
86 65.0 51.4 77.0





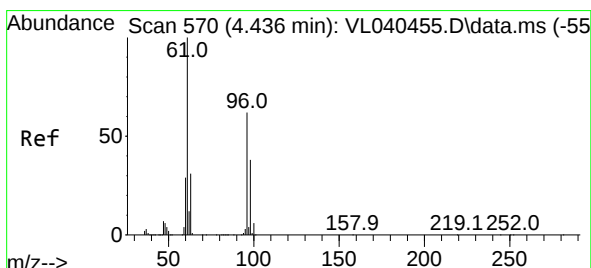
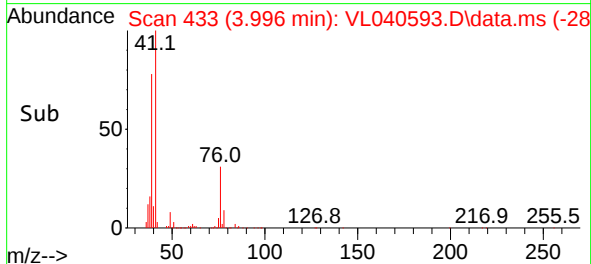
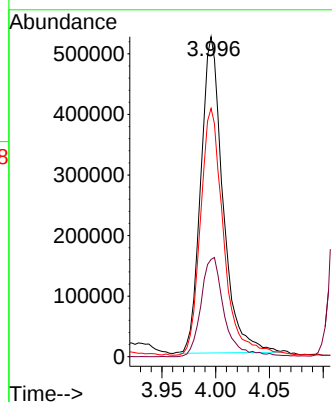
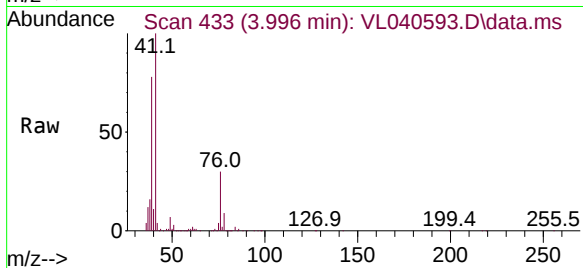
#21
 Allyl Chloride
 Concen: 9.407 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040593.D
 Acq: 7 Aug 2023 10:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01

Tgt Ion: 41 Resp: 74845
 Ion Ratio Lower Upper
 41 100
 76 33.0 24.8 37.2
 39 82.2 60.6 91.0

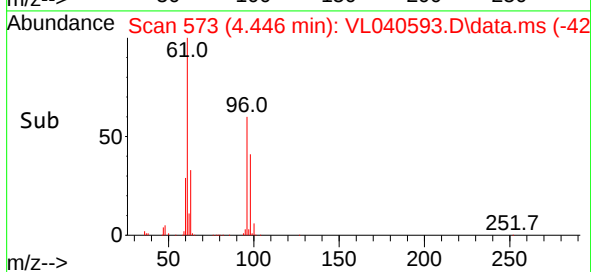
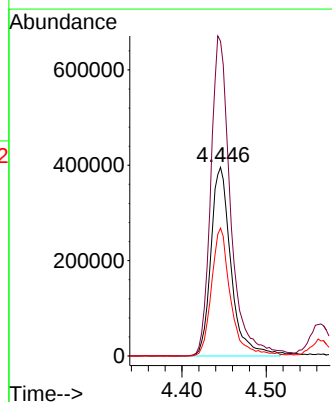
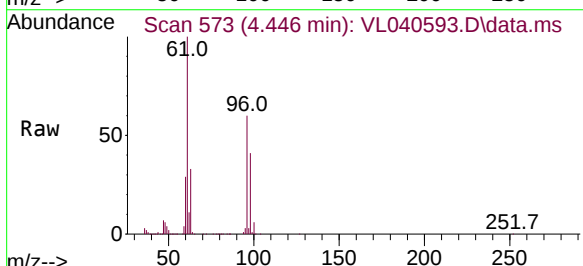
Manual Integrations
 APPROVED

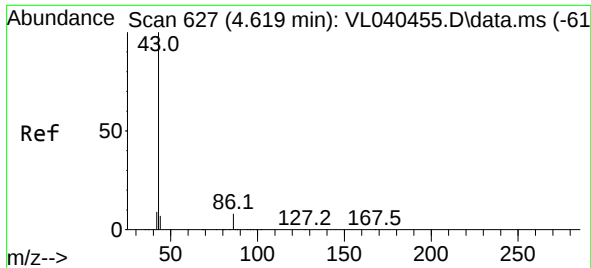
Reviewed By :Semsettin Yesilyurt 08/08/2023
 Supervised By :Mahesh Dadoda 08/09/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.522 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.007 min
 Lab File: VL040593.D
 Acq: 7 Aug 2023 10:33

Tgt Ion: 96 Resp: 656643
 Ion Ratio Lower Upper
 96 100
 61 166.8 137.7 206.5
 98 67.7 52.9 79.3





#23
 Vinyl Acetate
 Concen: 10.414 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. -0.010 min
 Lab File: VL040593.D
 Acq: 7 Aug 2023 10:33

Instrument :

MSVOA_L

ClientSampleId :

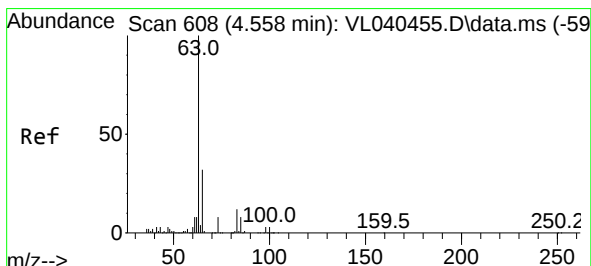
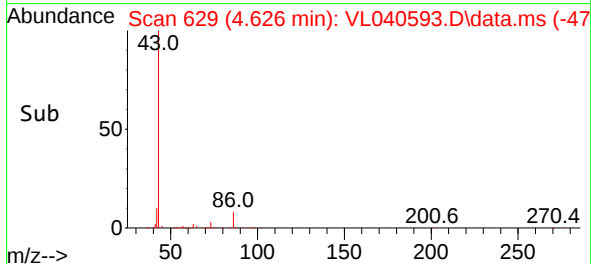
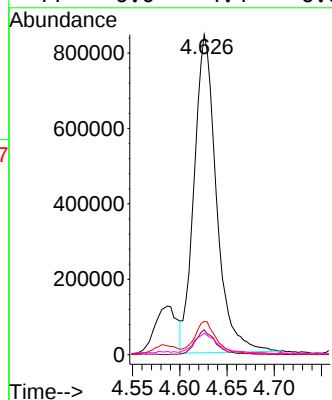
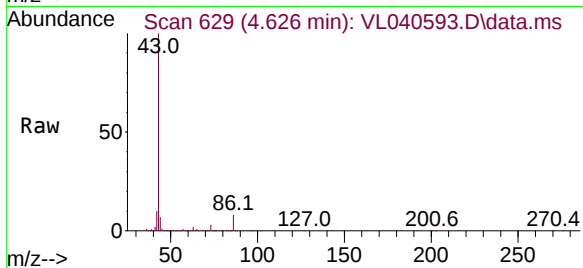
VL0807ABS01

Tgt Ion: 43 Resp: 1382319
 Ion Ratio Lower Upper
 43 100
 86 7.7 5.6 8.4
 42 10.2 7.4 11.2
 44 6.0 4.4 6.6

Manual Integrations

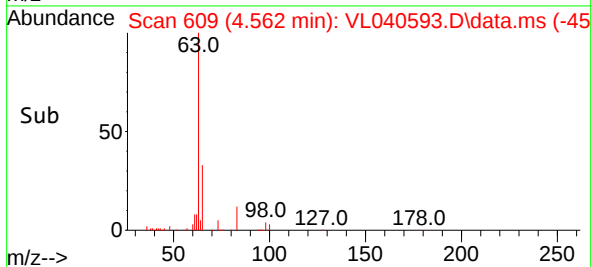
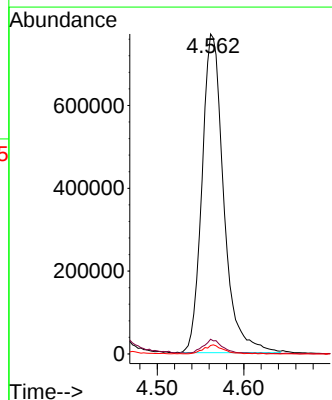
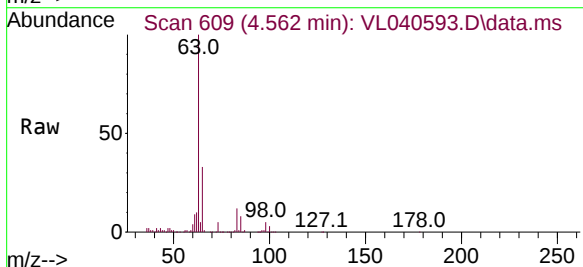
APPROVED

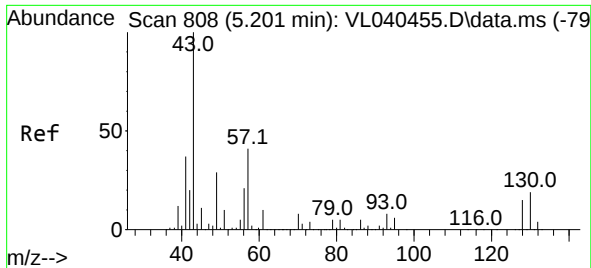
Reviewed By :Semsettin Yesilyurt 08/08/2023
 Supervised By :Mahesh Dadoda 08/09/2023



#24
 1,1-Dichloroethane
 Concen: 9.945 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.010 min
 Lab File: VL040593.D
 Acq: 7 Aug 2023 10:33

Tgt Ion: 63 Resp: 1339811
 Ion Ratio Lower Upper
 63 100
 98 4.4 1.8 5.5
 100 2.6 1.4 4.0





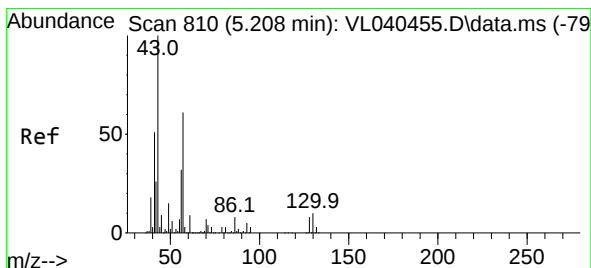
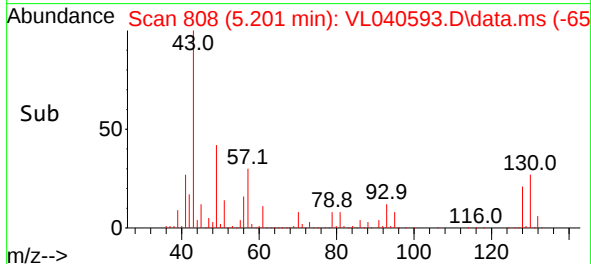
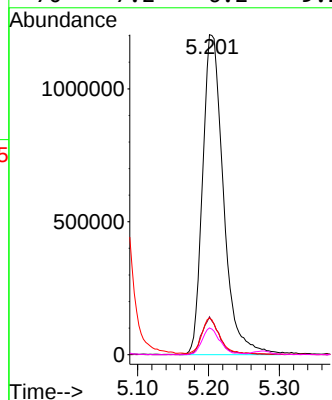
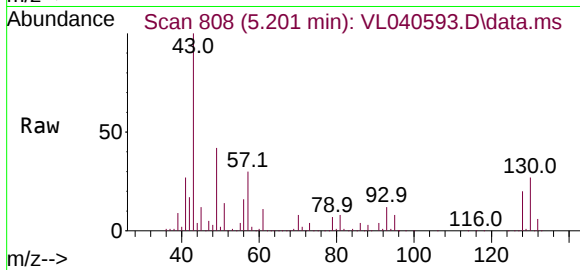
#25
Ethyl Acetate
Concen: 9.270 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01

Tgt Ion: 43 Resp: 245893
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 10.3 8.3 12.5
70 7.2 6.2 9.2

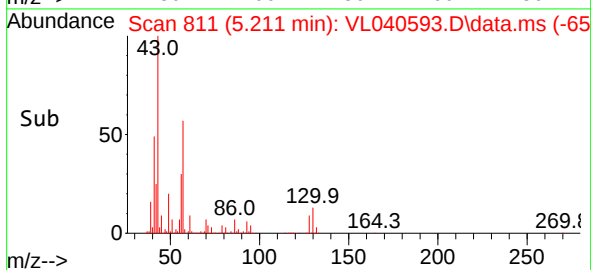
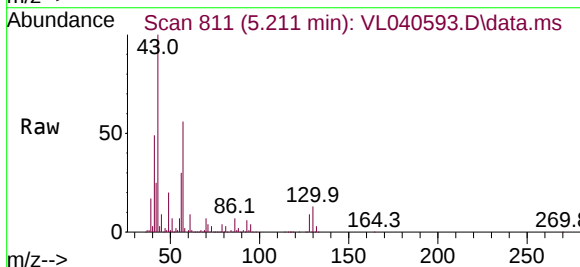
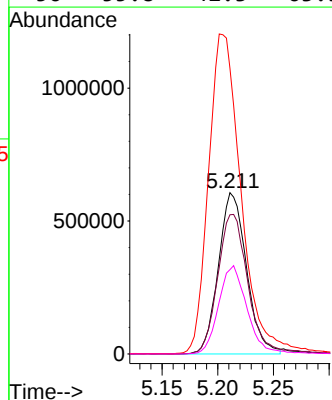
Manual Integrations
APPROVED

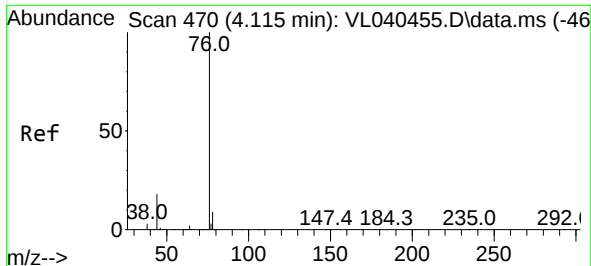
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#26
Hexane
Concen: 8.629 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

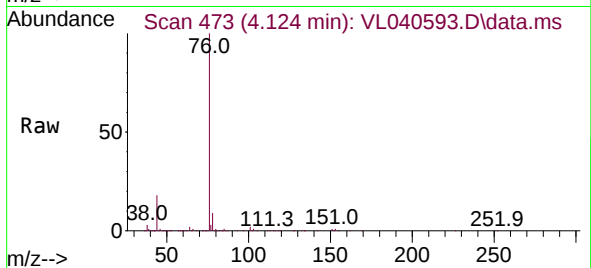
Tgt Ion: 57 Resp: 1063349
Ion Ratio Lower Upper
57 100
41 94.4 69.5 104.3
43 231.6 177.1 265.7
56 55.8 42.3 63.5





#27
Carbon Disulfide
Concen: 11.278 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

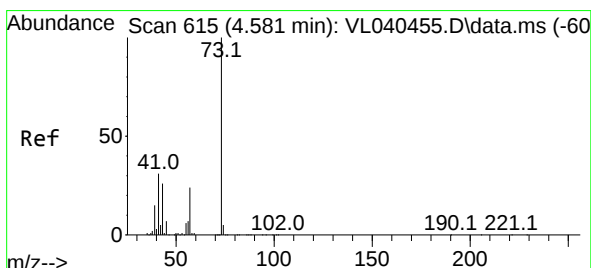
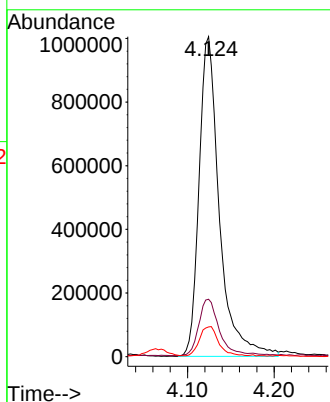
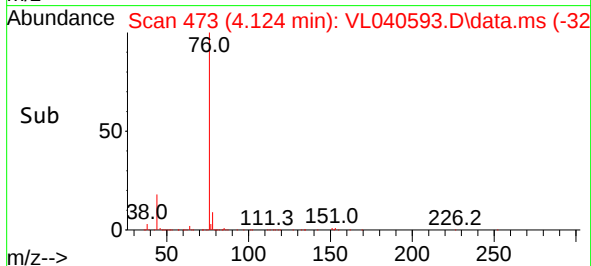
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion: 76 Resp: 163462
Ion Ratio Lower Upper
76 100
44 18.2 15.1 22.7
78 9.5 7.5 11.3

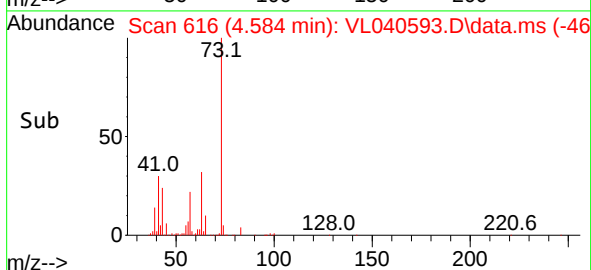
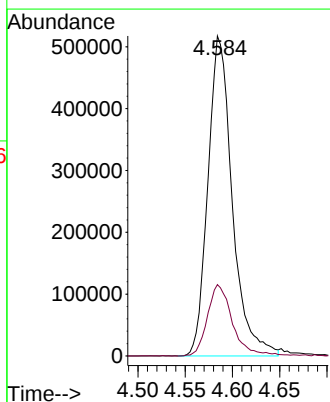
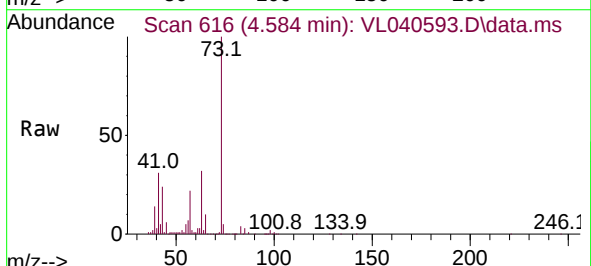
Manual Integrations
APPROVED

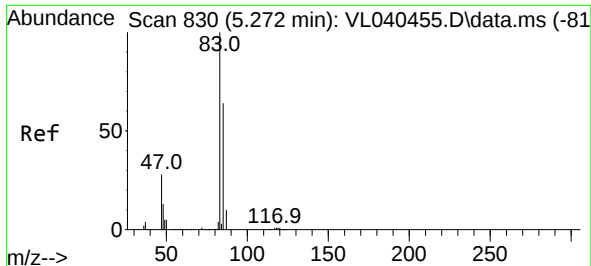
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#28
Methyl tert-Butyl Ether
Concen: 9.353 ppbv
RT: 4.584 min Scan# 616
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

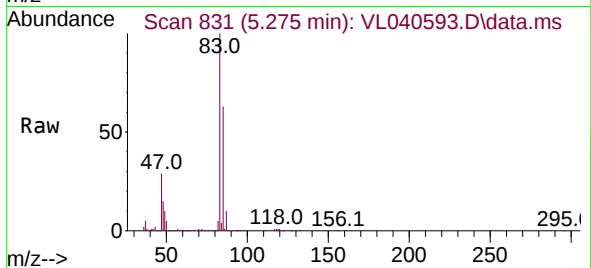
Tgt Ion: 73 Resp: 927853
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2





#29
Chloroform
Concen: 9.437 ppbv
RT: 5.275 min Scan# 831
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

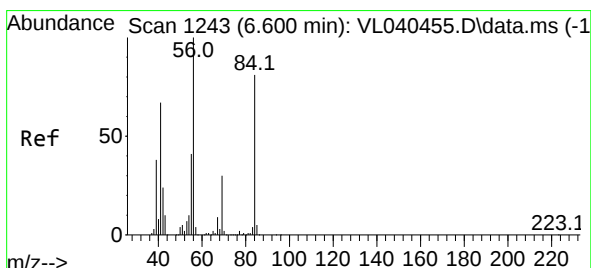
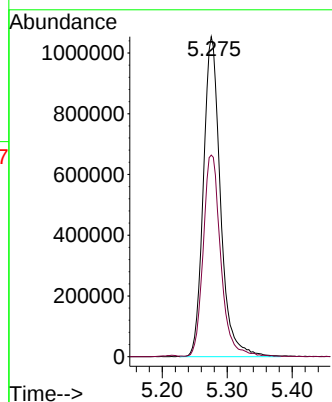
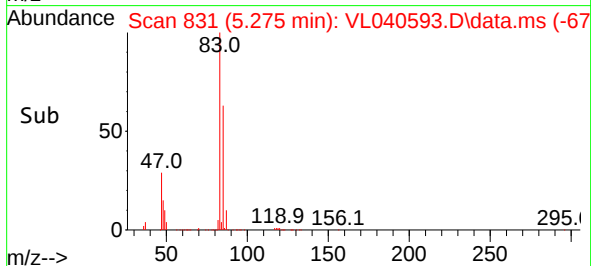
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion: 83 Resp: 192880
Ion Ratio Lower Upper
83 100
85 62.8 51.1 76.7

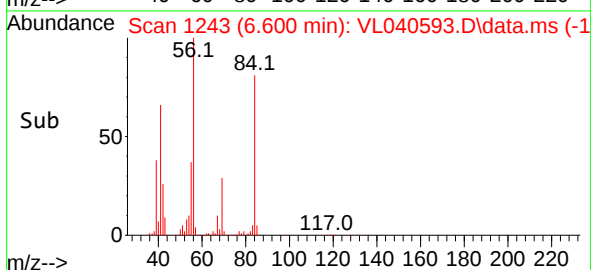
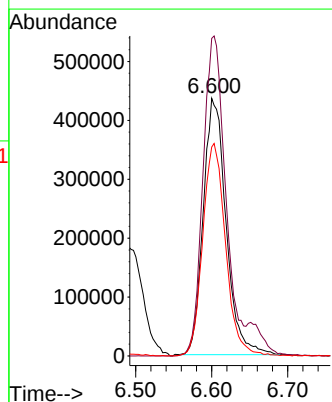
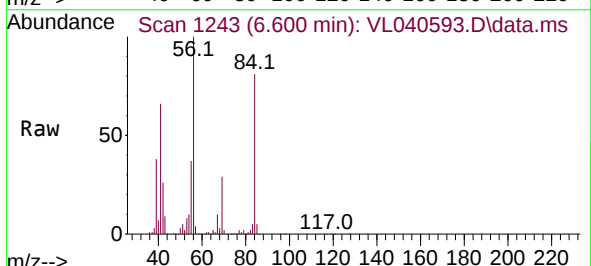
Manual Integrations
APPROVED

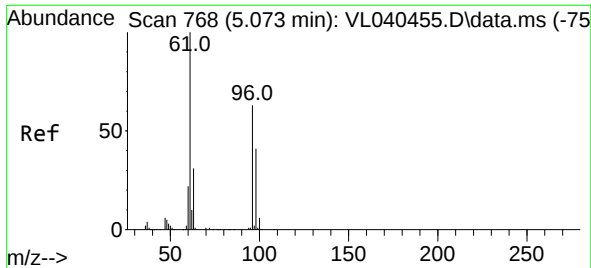
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#30
Cyclohexane
Concen: 8.845 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

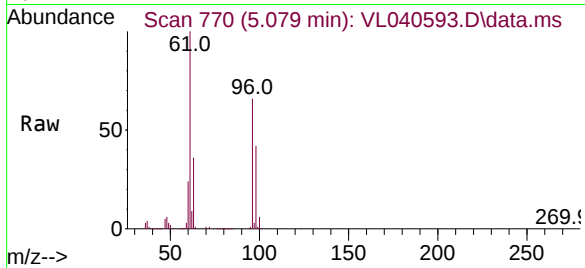
Tgt Ion: 84 Resp: 906929
Ion Ratio Lower Upper
84 100
56 132.9 108.7 163.1
41 83.3 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.254 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: VL040593.D
 Acq: 7 Aug 2023 10:33

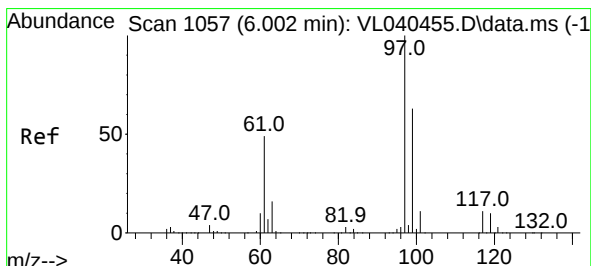
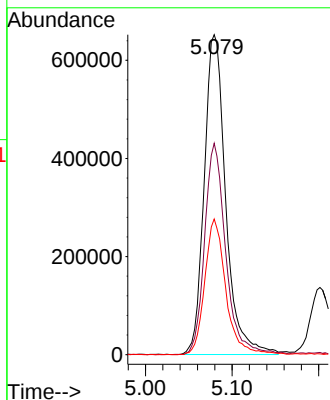
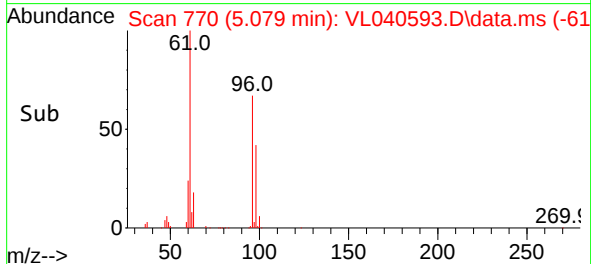
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01



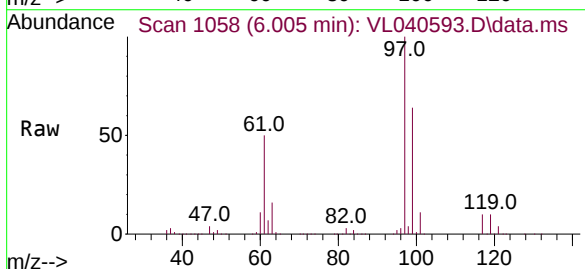
Tgt Ion: 61 Resp: 1127152
 Ion Ratio Lower Upper
 61 100
 96 66.0 54.7 82.1
 98 42.4 34.6 52.0

Manual Integrations
 APPROVED

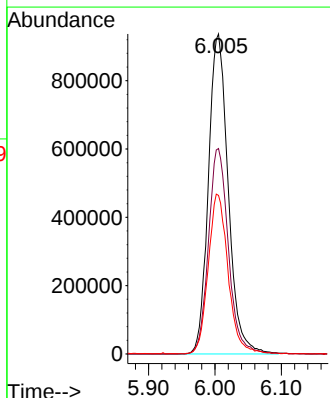
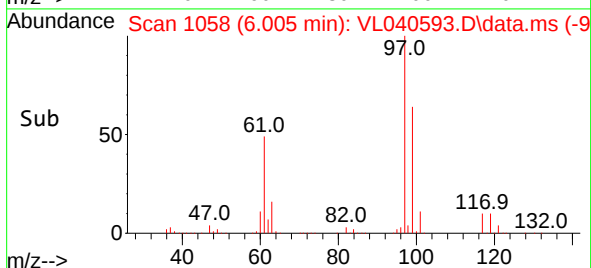
Reviewed By :Semsettin Yesilyurt 08/08/2023
 Supervised By :Mahesh Dadoda 08/09/2023

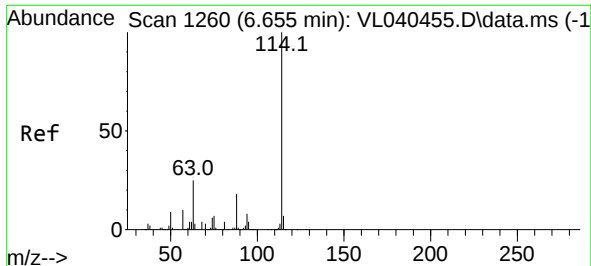


#32
 1,1,1-Trichloroethane
 Concen: 9.703 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.007 min
 Lab File: VL040593.D
 Acq: 7 Aug 2023 10:33



Tgt Ion: 97 Resp: 1940538
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.0 78.0
 61 50.4 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

Tgt Ion:114 Resp: 295588

Ion Ratio Lower Upper

114 100

63 26.8 19.6 29.4

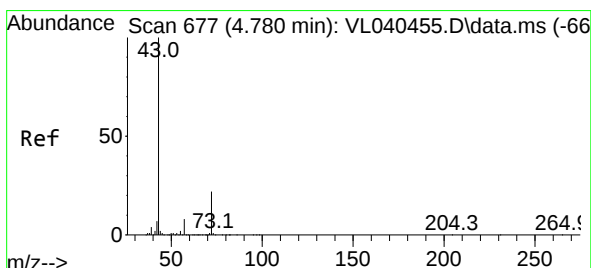
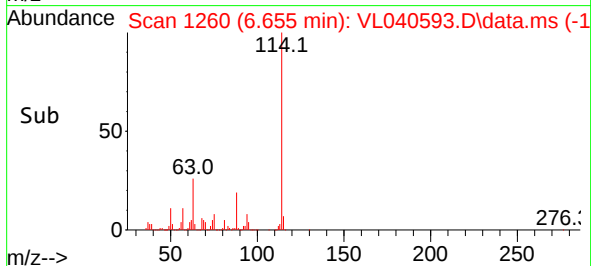
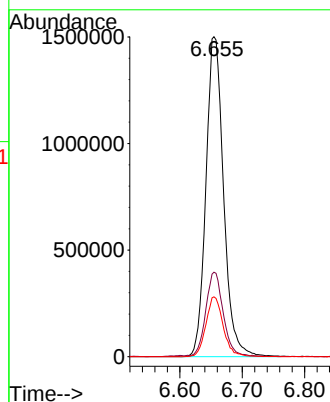
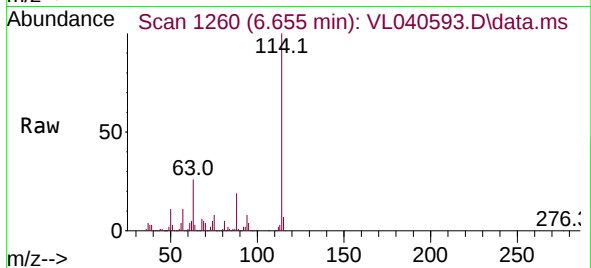
88 18.4 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2023

Supervised By :Mahesh Dadoda 08/09/2023



#34

2-Butanone

Concen: 10.053 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.007 min

Lab File: VL040593.D

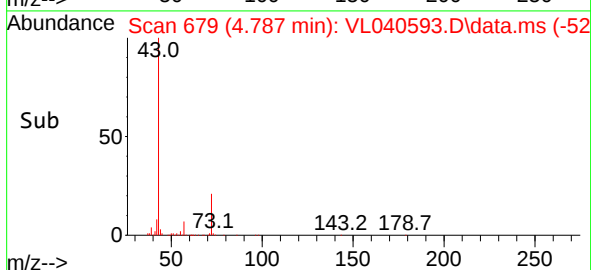
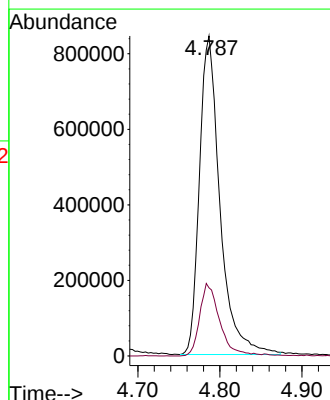
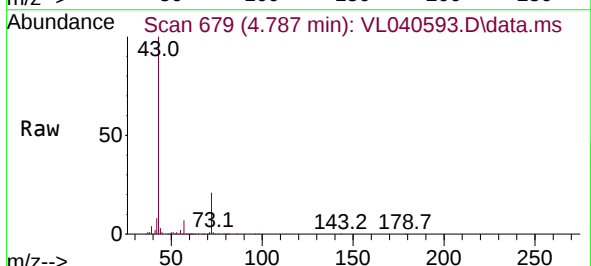
Acq: 7 Aug 2023 10:33

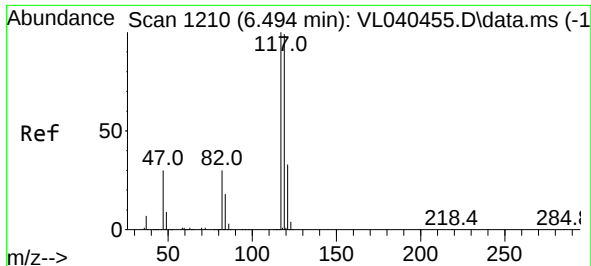
Tgt Ion: 43 Resp: 1468288

Ion Ratio Lower Upper

43 100

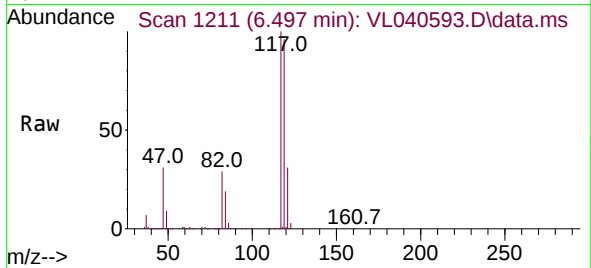
72 22.5 19.1 28.7





#35
Carbon Tetrachloride
Concen: 11.133 ppbv
RT: 6.497 min Scan# 117
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

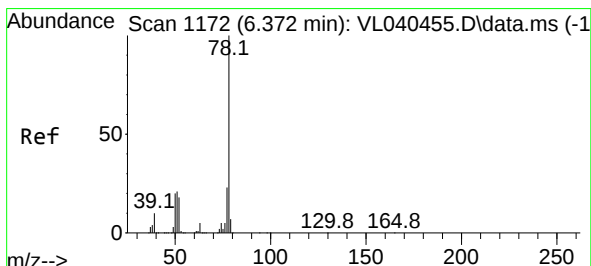
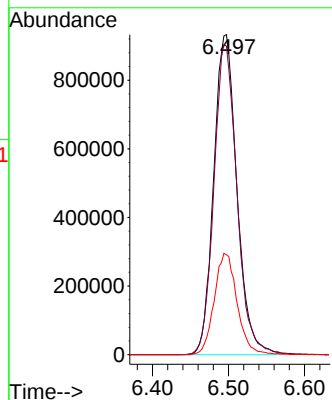
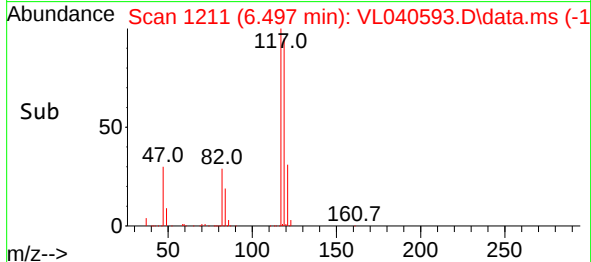
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion:117 Resp: 198044
Ion Ratio Lower Upper
117 100
119 96.4 77.8 116.6
121 31.3 24.8 37.2

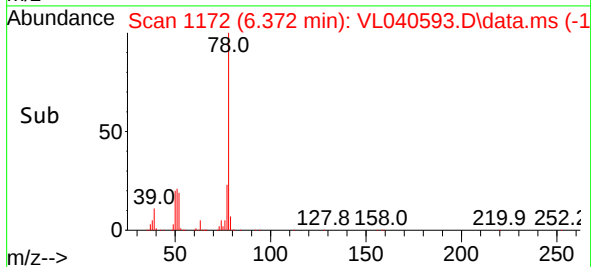
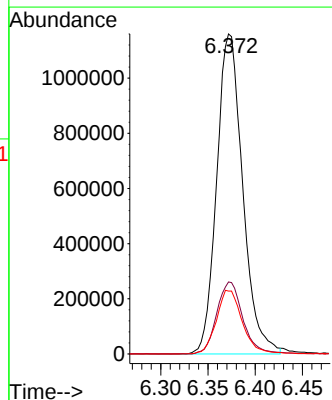
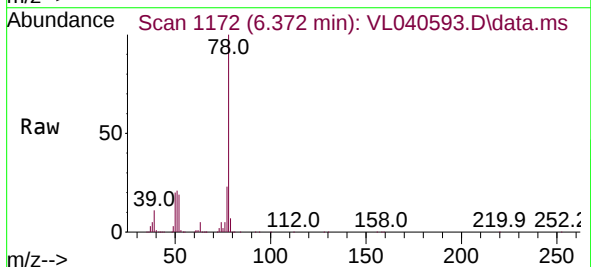
Manual Integrations
APPROVED

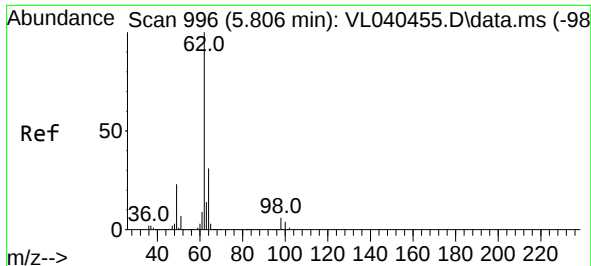
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#36
Benzene
Concen: 9.332 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

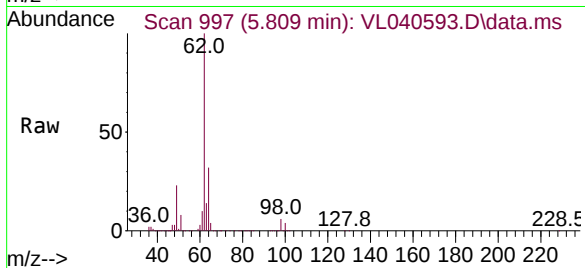
Tgt Ion: 78 Resp: 2219559
Ion Ratio Lower Upper
78 100
77 22.5 17.4 26.0
50 19.6 14.4 21.6





#37
1,2-Dichloroethane
Concen: 10.545 ppbv
RT: 5.809 min Scan# 996
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

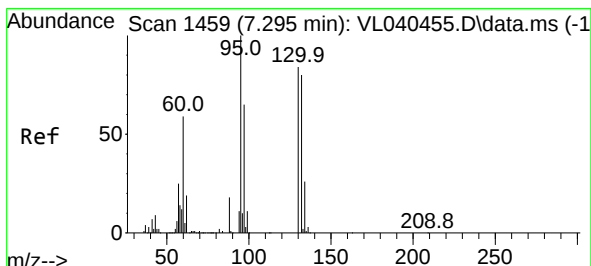
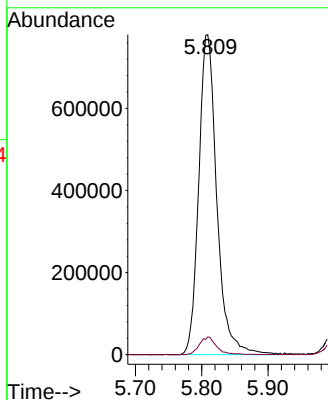
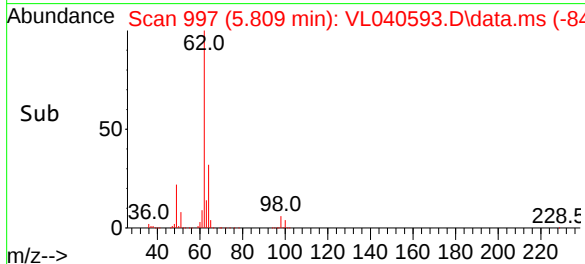
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion: 62 Resp: 1475450
Ion Ratio Lower Upper
62 100
98 5.4 5.1 7.7

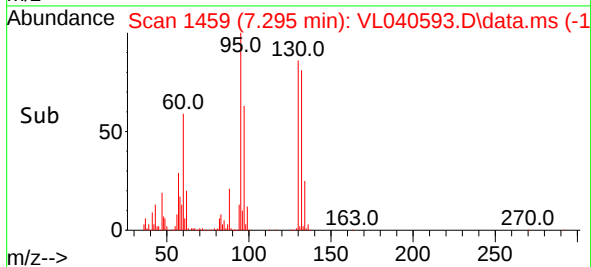
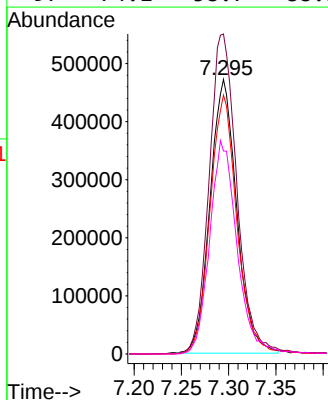
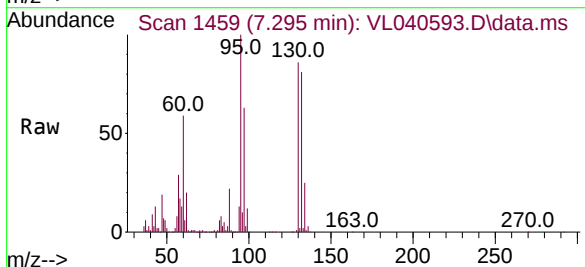
Manual Integrations
APPROVED

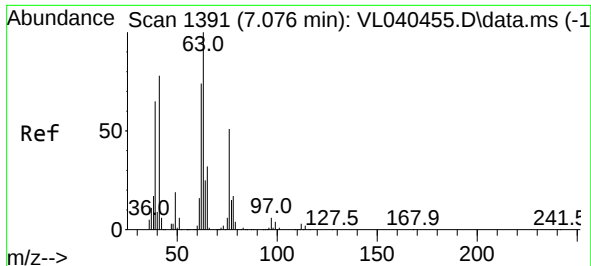
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#38
Trichloroethene
Concen: 10.292 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Tgt Ion:130 Resp: 925903
Ion Ratio Lower Upper
130 100
95 116.6 90.2 135.2
132 94.5 76.3 114.5
97 74.1 58.7 88.1





#39

1,2-Dichloropropane

Concen: 9.449 ppbv

RT: 7.076 min Scan# 1391

Delta R.T. -0.007 min

Lab File: VL040593.D

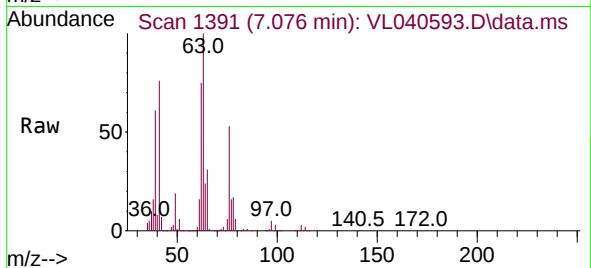
Acq: 7 Aug 2023 10:33

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01



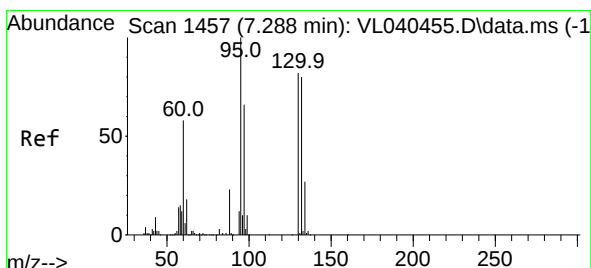
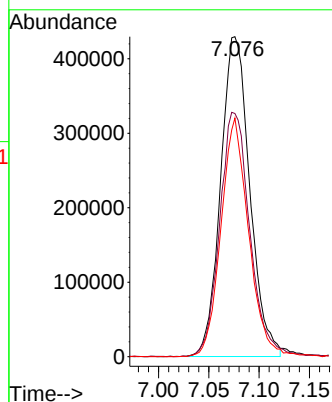
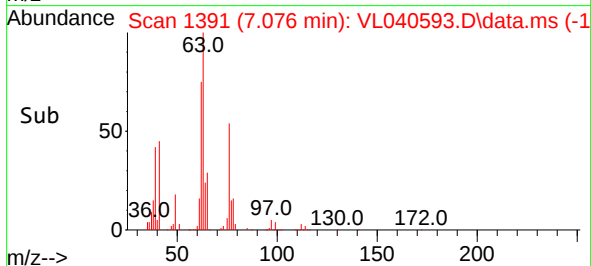
Tgt Ion: 63 Resp: 865118

Ion	Ratio	Lower	Upper
63	100		
41	76.0	54.3	81.5
62	74.5	55.6	83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#40

1,4-Dioxane

Concen: 9.942 ppbv

RT: 7.291 min Scan# 1458

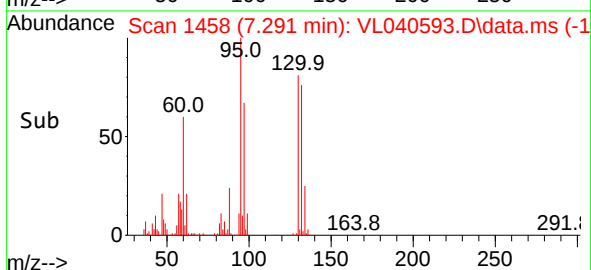
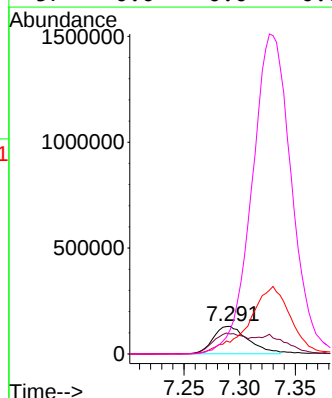
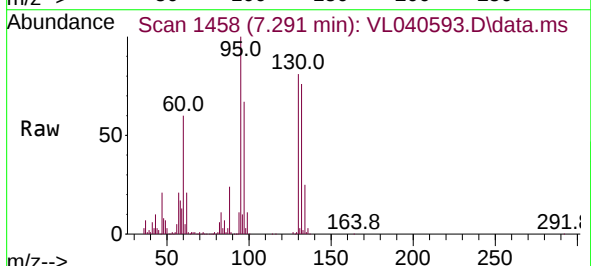
Delta R.T. -0.007 min

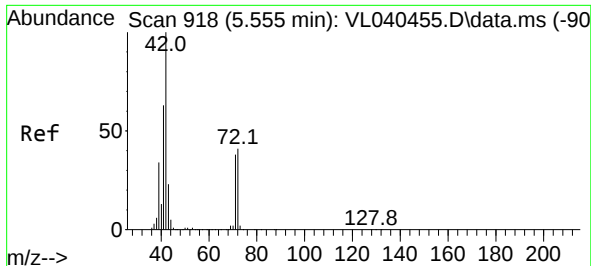
Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

Tgt Ion: 88 Resp: 284694

Ion	Ratio	Lower	Upper
88	100		
58	68.2	58.6	88.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 9.613 ppbv

RT: 5.558 min Scan# 918

Delta R.T. -0.007 min

Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

Tgt Ion: 42 Resp: 819330

Ion Ratio Lower Upper

42 100

72 41.7 33.8 50.8

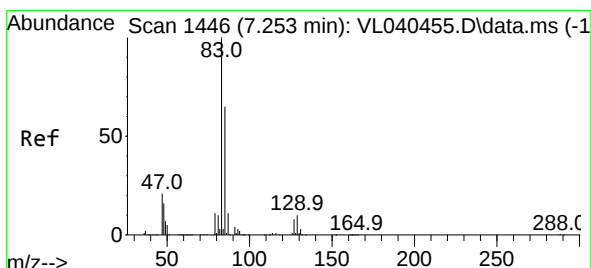
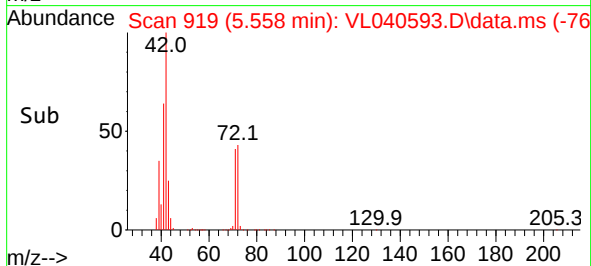
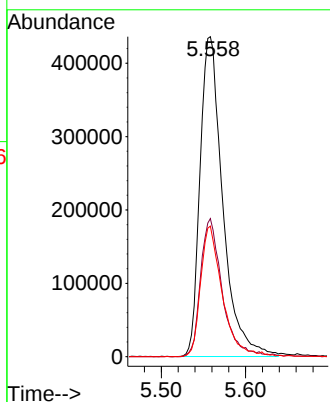
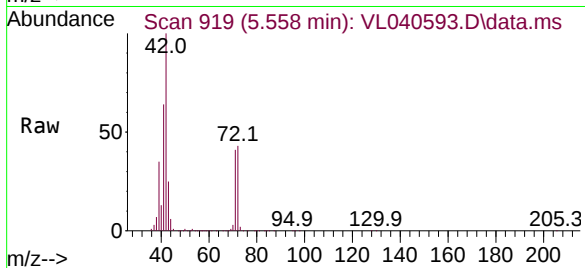
71 39.4 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2023

Supervised By :Mahesh Dadoda 08/09/2023



#42

Bromodichloromethane

Concen: 10.640 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. -0.010 min

Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

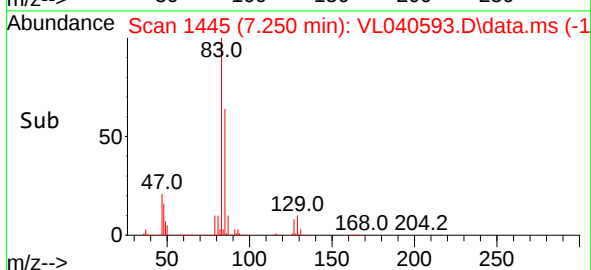
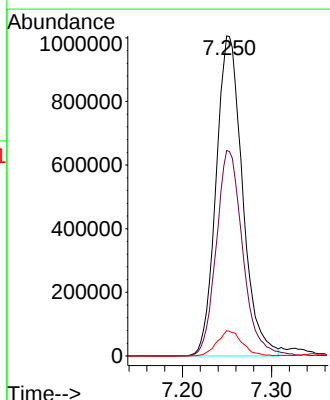
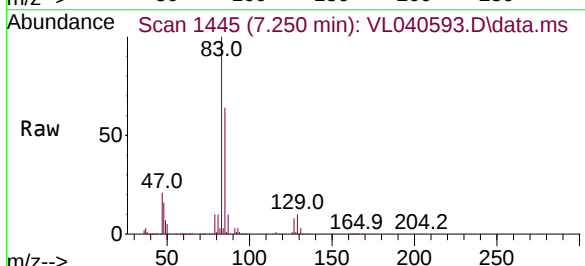
Tgt Ion: 83 Resp: 2070565

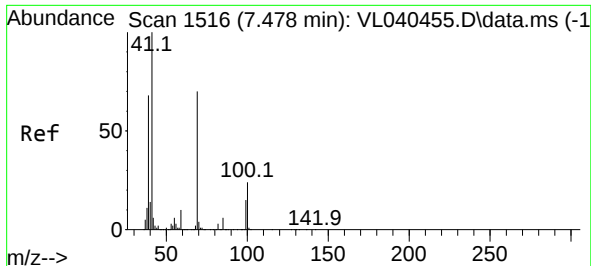
Ion Ratio Lower Upper

83 100

85 64.2 51.1 76.7

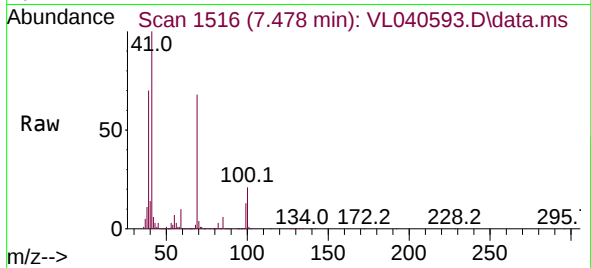
127 7.9 6.5 9.7





#43
Methyl Methacrylate
Concen: 10.337 ppbv
RT: 7.478 min Scan# 1469
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

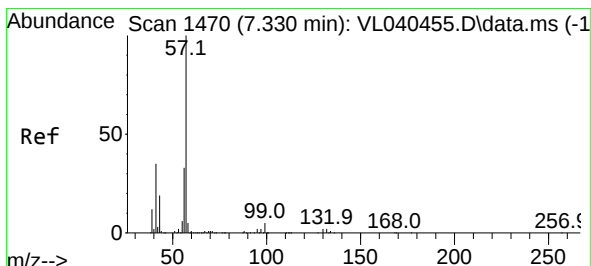
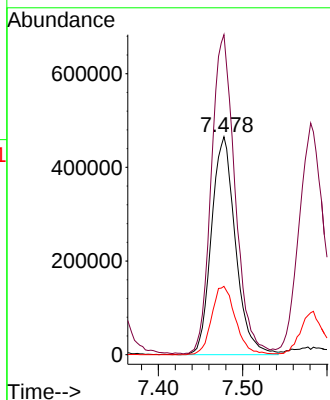
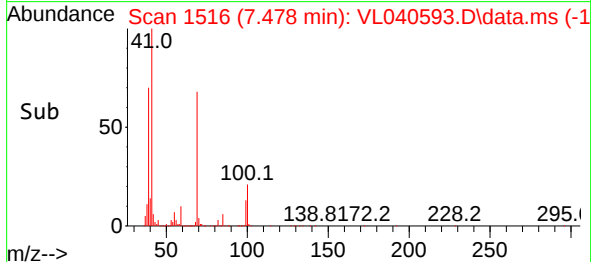
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



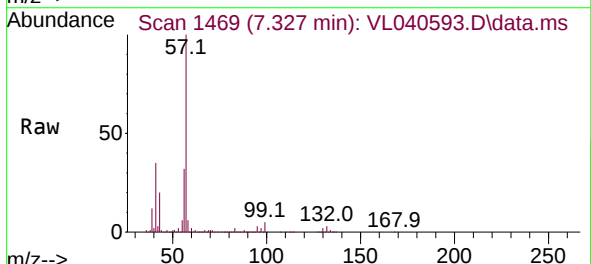
Tgt Ion: 69 Resp: 92023
Ion Ratio Lower Upper
69 100
41 145.2 111.7 167.5
100 31.2 26.9 40.3

Manual Integrations
APPROVED

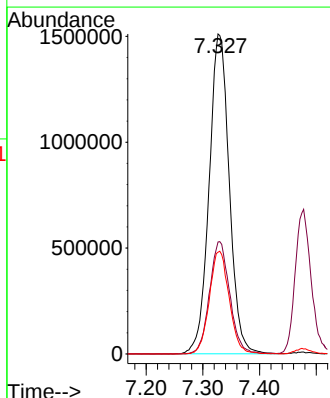
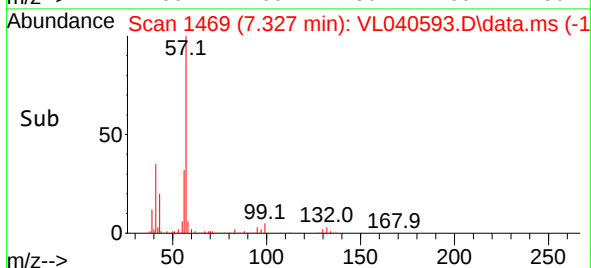
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023

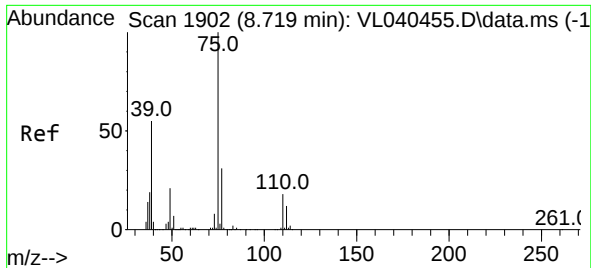


#44
2,2,4-Trimethylpentane
Concen: 9.770 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33



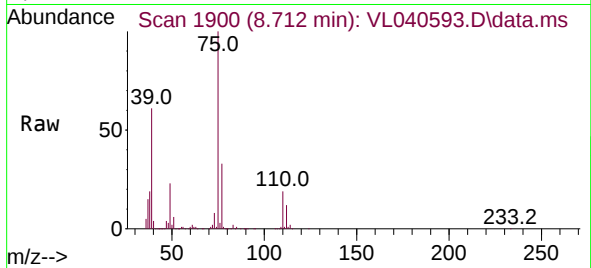
Tgt Ion: 57 Resp: 3738527
Ion Ratio Lower Upper
57 100
41 35.2 25.5 38.3
56 31.7 25.1 37.7





#45
t-1,3-Dichloropropene
Concen: 10.832 ppbv
RT: 8.712 min Scan# 1902
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

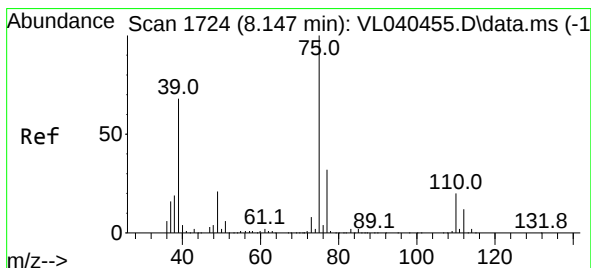
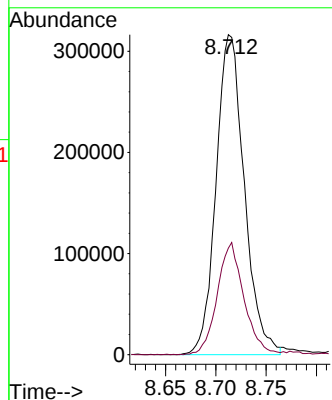
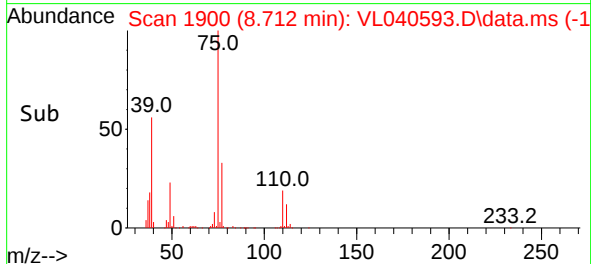
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion: 75 Resp: 618562
Ion Ratio Lower Upper
75 100
77 33.3 26.0 39.0

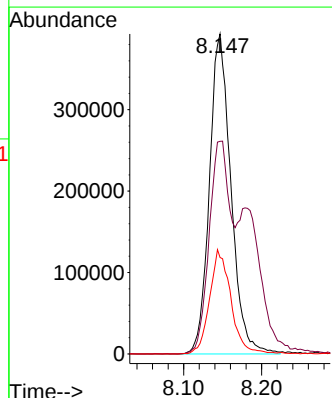
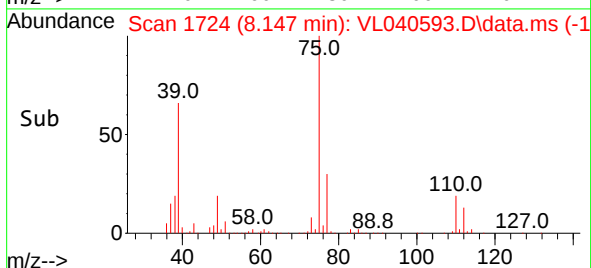
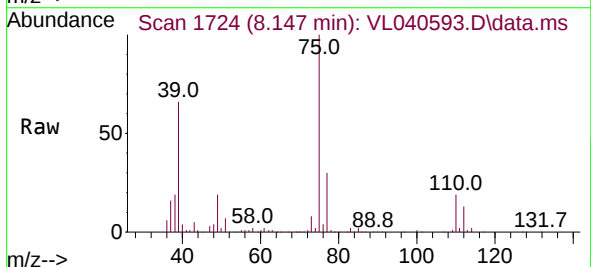
Manual Integrations
APPROVED

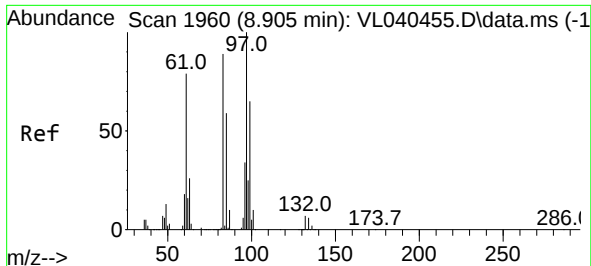
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#46
cis-1,3-Dichloropropene
Concen: 10.313 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Tgt Ion: 75 Resp: 755615
Ion Ratio Lower Upper
75 100
39 66.3 48.0 72.0
77 30.2 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 9.542 ppbv

RT: 8.902 min Scan# 1960

Delta R.T. -0.007 min

Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

Tgt Ion: 97 Resp: 96384

Ion Ratio Lower Upper

97 100

83 92.2 73.4 110.0

85 58.2 46.6 70.0

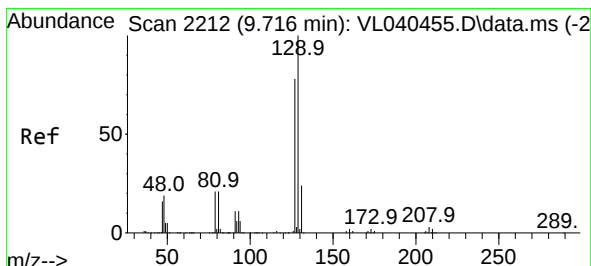
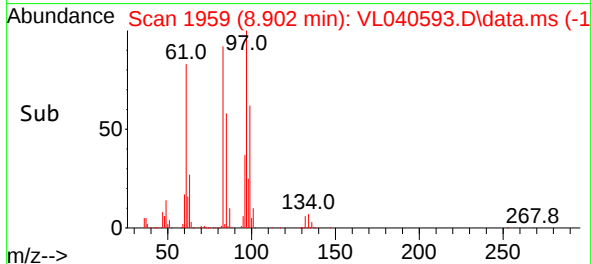
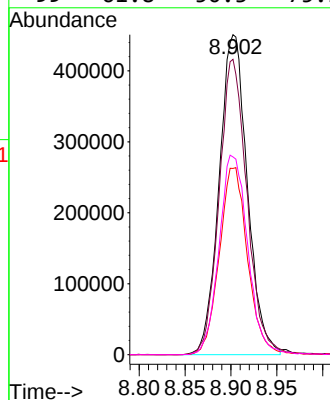
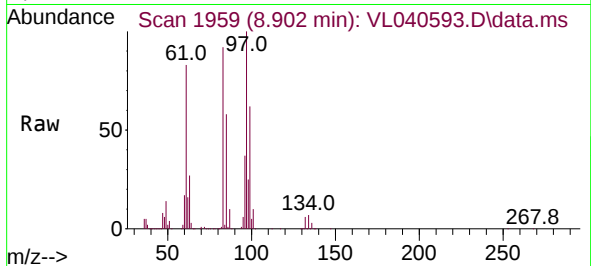
99 61.8 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2023

Supervised By :Mahesh Dadoda 08/09/2023



#48

Dibromochloromethane

Concen: 10.735 ppbv

RT: 9.712 min Scan# 2211

Delta R.T. -0.010 min

Lab File: VL040593.D

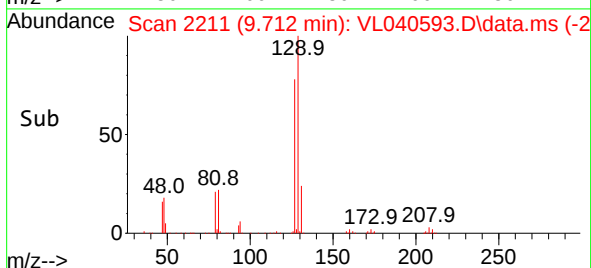
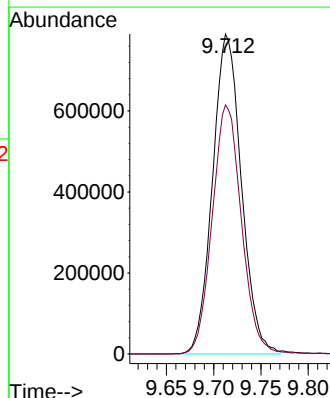
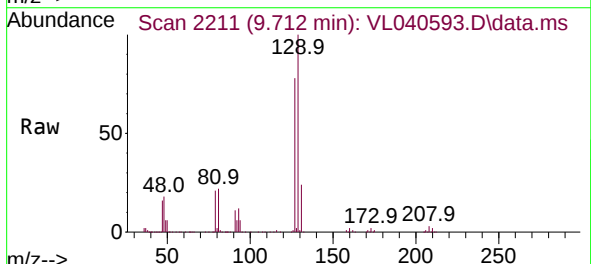
Acq: 7 Aug 2023 10:33

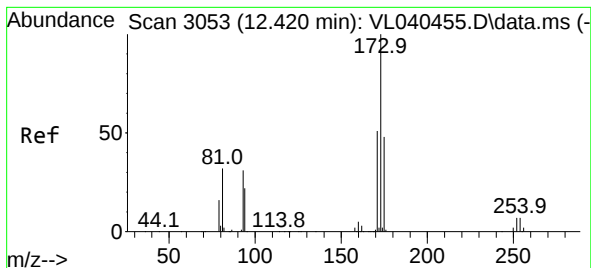
Tgt Ion:129 Resp: 1676676

Ion Ratio Lower Upper

129 100

127 79.0 39.1 117.3





#49

Bromoform

Concen: 11.226 ppbv

RT: 12.413 min Scan# 3053

Delta R.T. -0.010 min

Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

Tgt Ion:173 Resp: 1390020

Ion Ratio Lower Upper

173 100

175 48.8 39.5 59.3

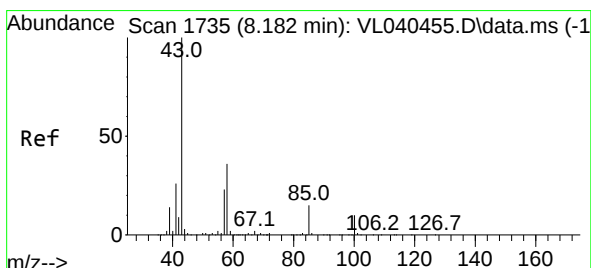
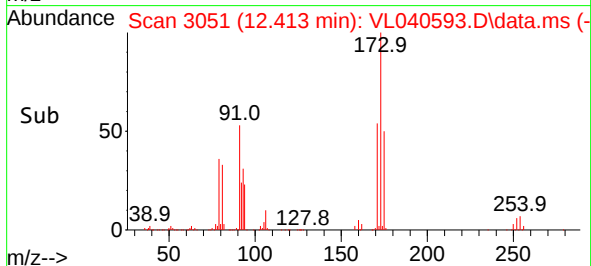
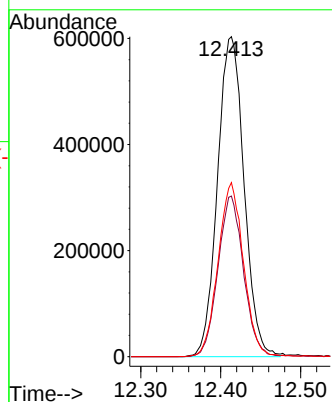
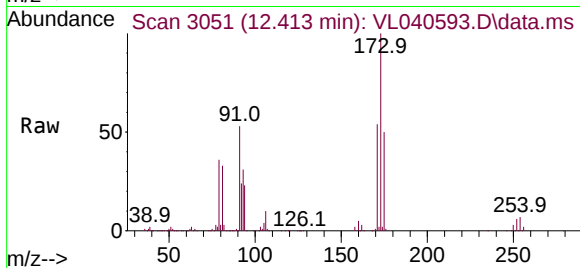
171 52.4 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2023

Supervised By :Mahesh Dadoda 08/09/2023



#50

4-Methyl-2-Pentanone

Concen: 10.565 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. -0.010 min

Lab File: VL040593.D

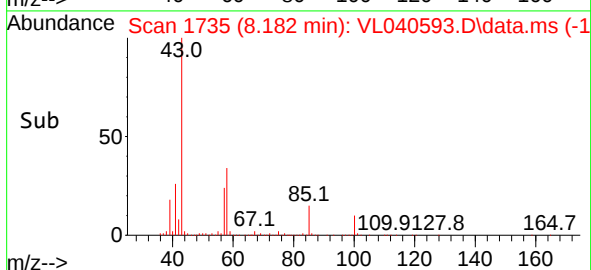
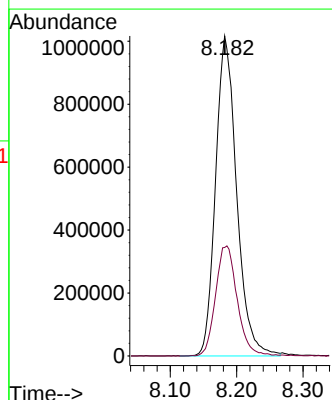
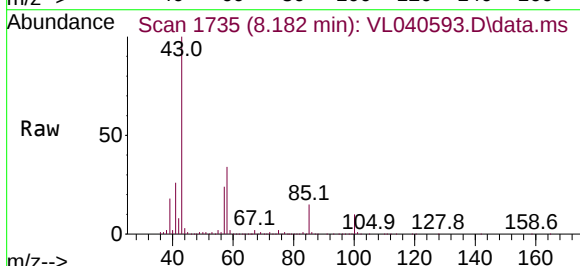
Acq: 7 Aug 2023 10:33

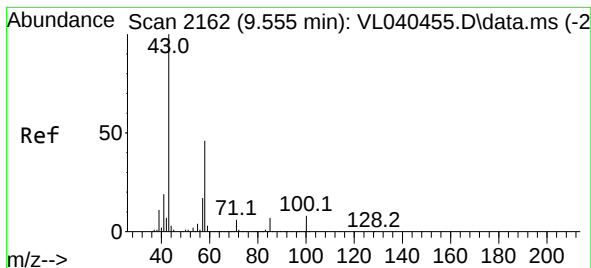
Tgt Ion: 43 Resp: 2242171

Ion Ratio Lower Upper

43 100

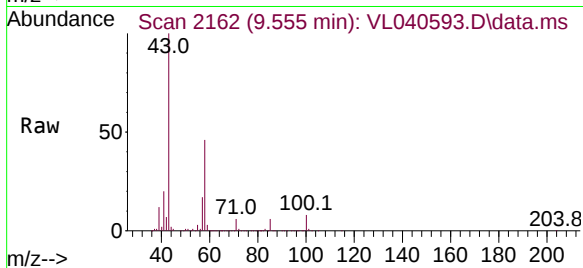
58 35.6 30.2 45.2





#51
2-Hexanone
Concen: 10.687 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

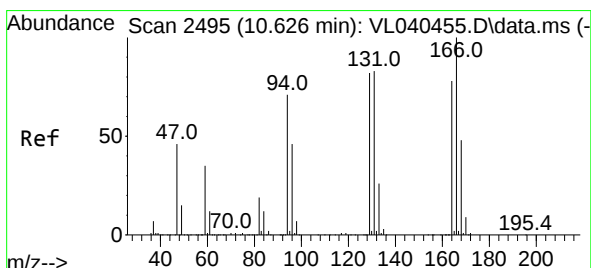
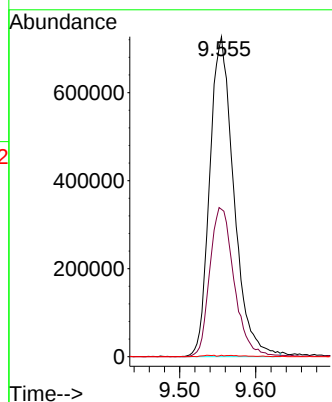
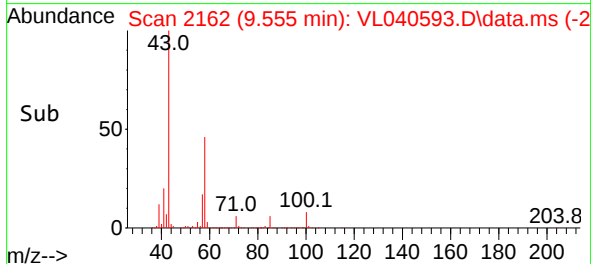
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



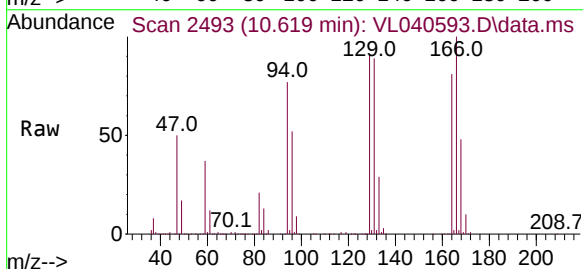
Tgt Ion: 43 Resp: 1603750
Ion Ratio Lower Upper
43 100
58 47.5 39.7 59.5
98 0.5 0.3 0.5

Manual Integrations
APPROVED

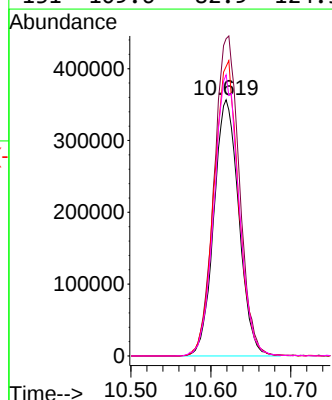
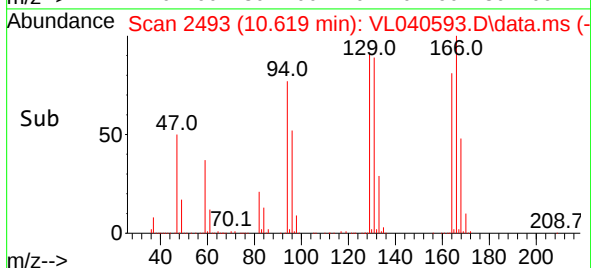
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023

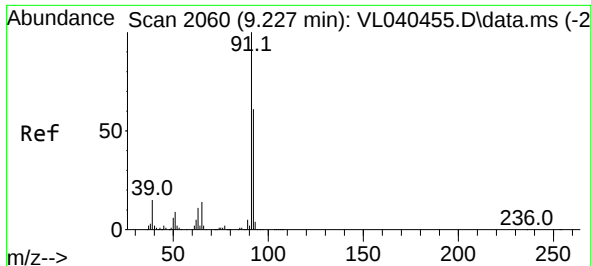


#52
Tetrachloroethene
Concen: 10.028 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33



Tgt Ion:164 Resp: 772334
Ion Ratio Lower Upper
164 100
166 123.7 103.9 155.9
129 112.9 84.6 126.8
131 109.6 82.9 124.3





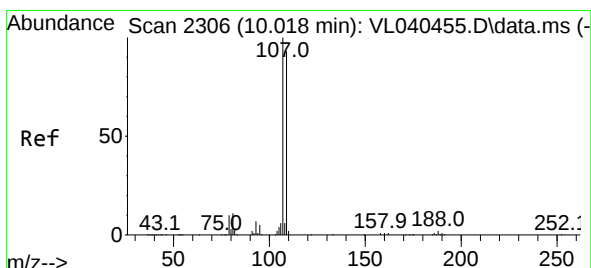
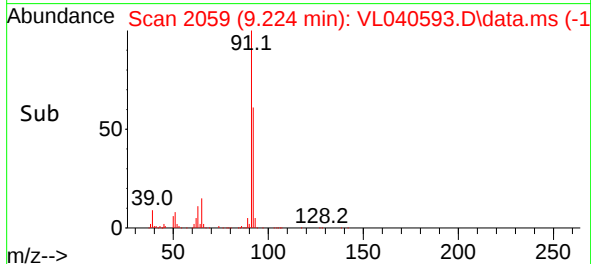
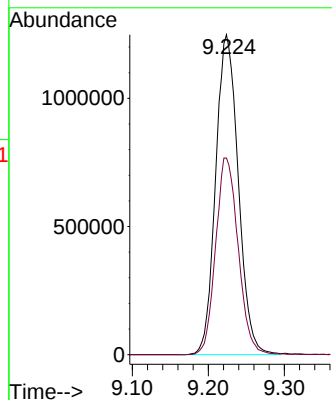
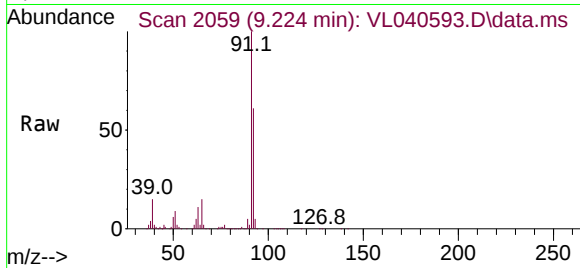
#53
Toluene
Concen: 9.980 ppbv
RT: 9.224 min Scan# 2060
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01

Tgt Ion: 91 Resp: 257842
Ion Ratio Lower Upper
91 100
92 61.4 49.1 73.7

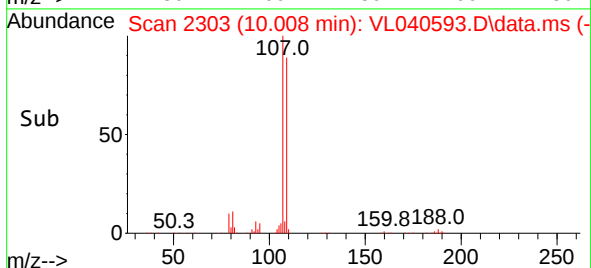
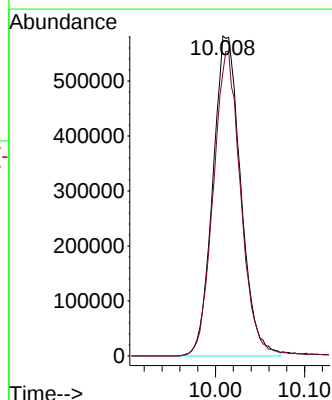
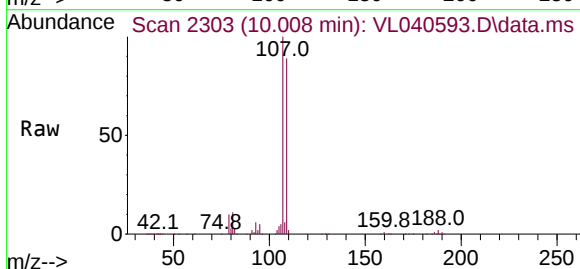
Manual Integrations
APPROVED

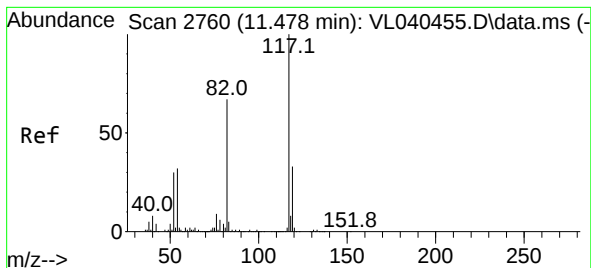
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#54
1,2-Dibromoethane
Concen: 10.063 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.013 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

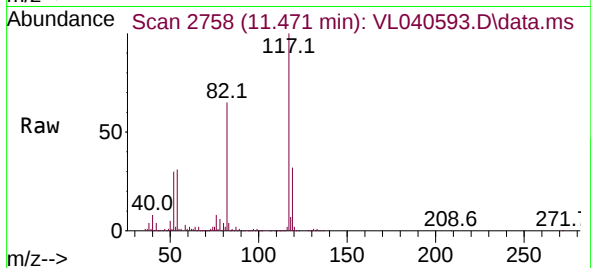
Tgt Ion:107 Resp: 1263540
Ion Ratio Lower Upper
107 100
109 88.6 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2760
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

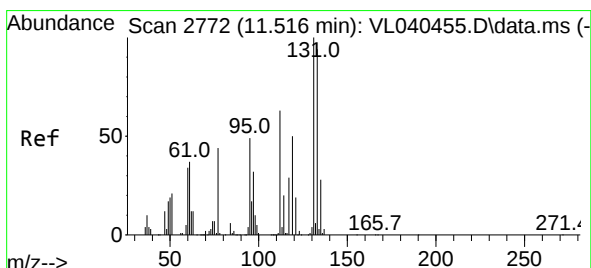
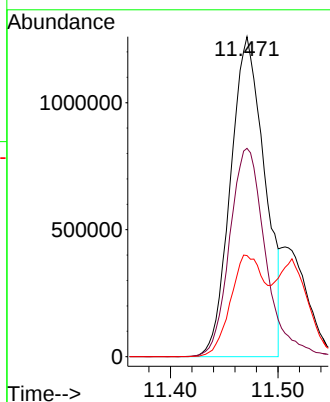
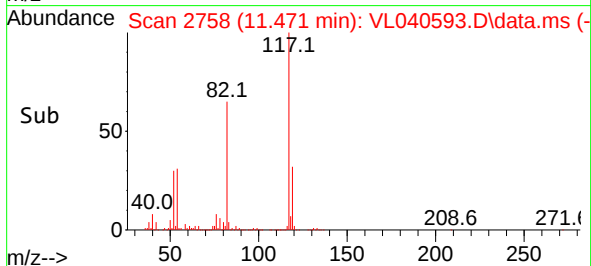
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



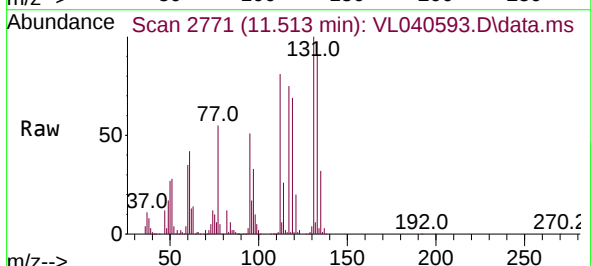
Tgt Ion:117 Resp: 277802
Ion Ratio Lower Upper
117 100
82 69.1 50.2 75.4
119 32.7 26.9 40.3

Manual Integrations
APPROVED

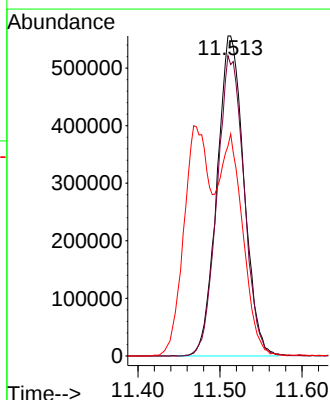
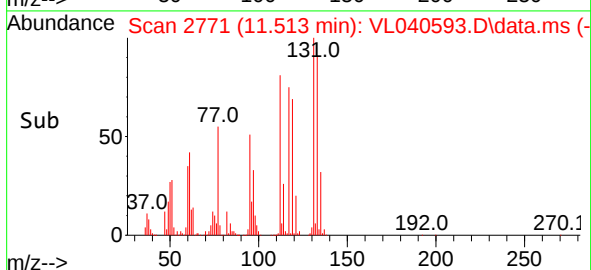
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023

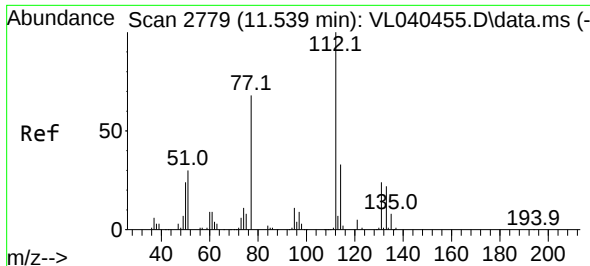


#56
1,1,1,2-Tetrachloroethane
Concen: 10.198 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33



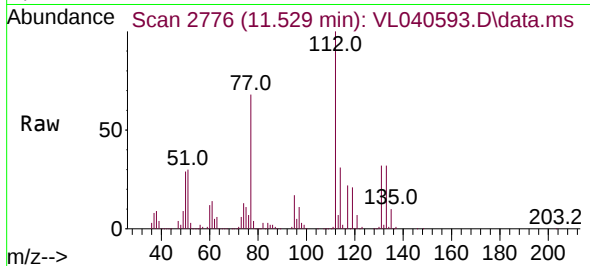
Tgt Ion:131 Resp: 1268719
Ion Ratio Lower Upper
131 100
133 94.0 76.3 114.5
119 56.5 51.1 76.7





#57
Chlorobenzene
Concen: 9.576 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

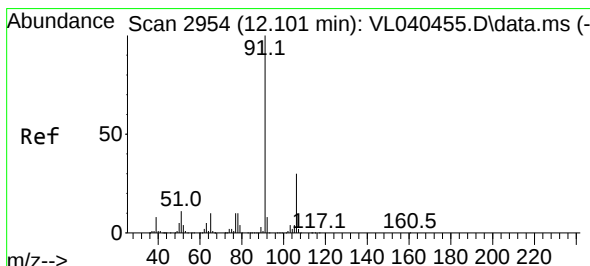
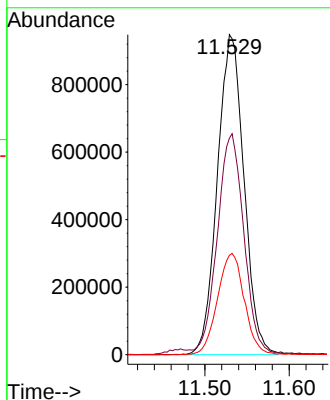
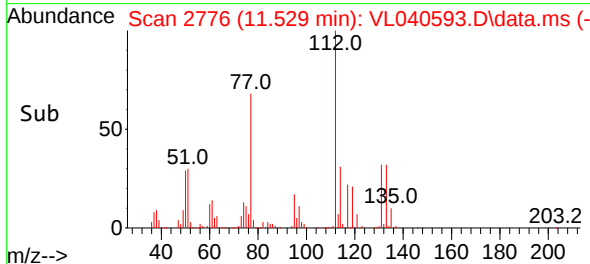
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion: 112 Resp: 2074698
Ion Ratio Lower Upper
112 100
77 67.0 51.0 76.6
114 31.0 28.3 34.5

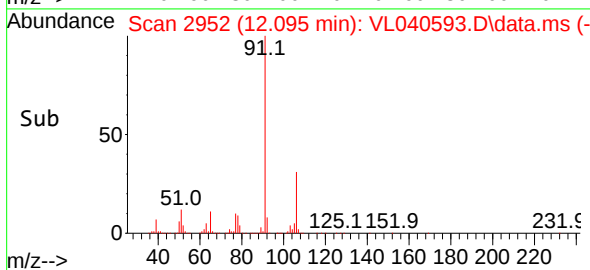
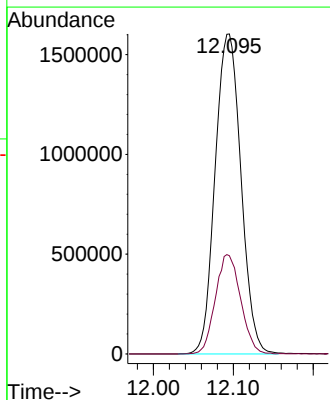
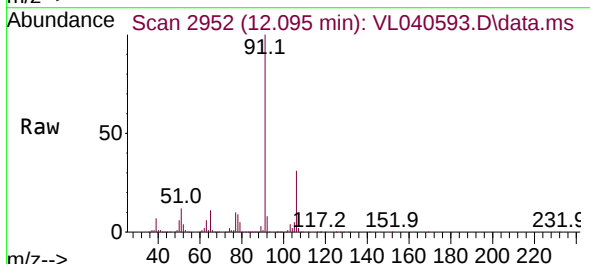
Manual Integrations
APPROVED

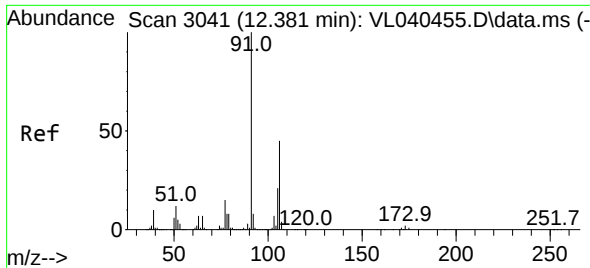
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#58
Ethyl Benzene
Concen: 10.314 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Tgt Ion: 91 Resp: 3595692
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0





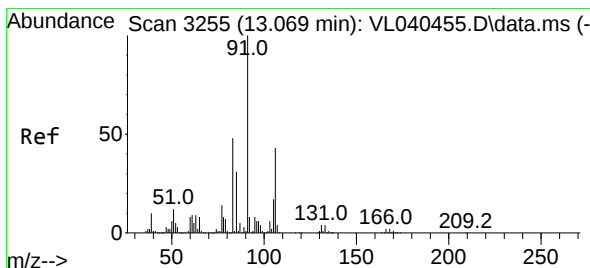
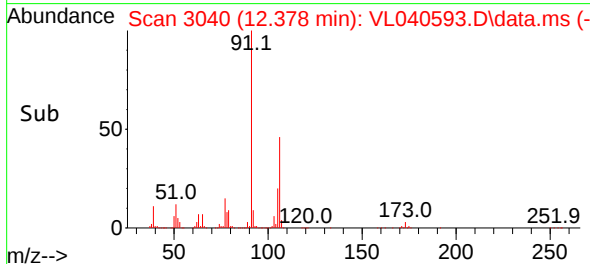
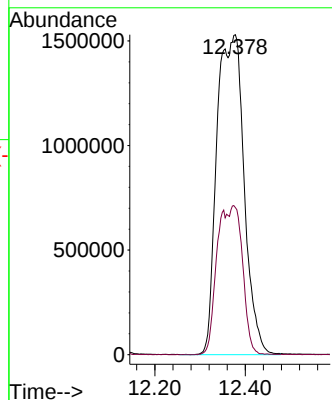
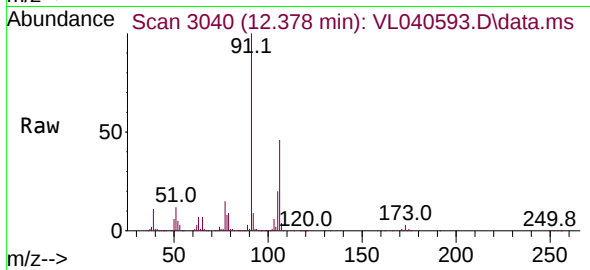
#59
m/p-Xylene
Concen: 20.486 ppbv m
RT: 12.378 min Scan# 3040
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01

Tgt Ion: 91 Resp: 637449
Ion Ratio Lower Upper
91 100
106 43.7 35.9 53.9

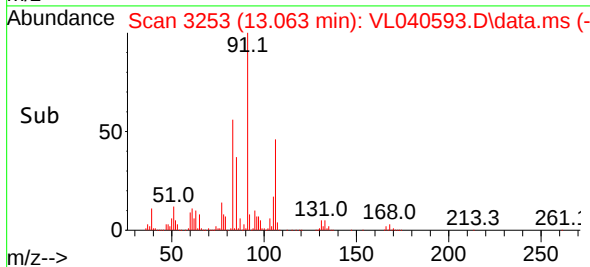
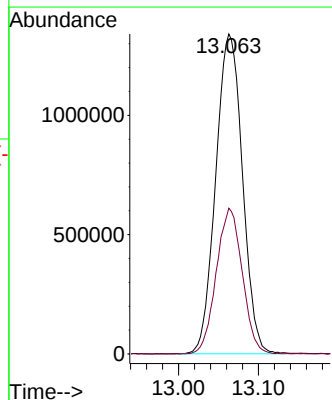
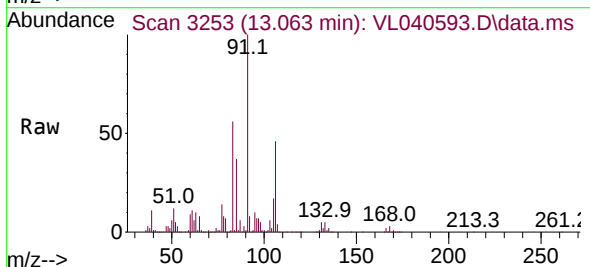
Manual Integrations
APPROVED

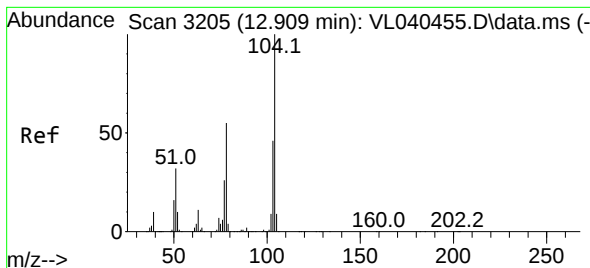
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#60
o-Xylene
Concen: 10.480 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Tgt Ion: 91 Resp: 3106517
Ion Ratio Lower Upper
91 100
106 44.3 22.7 68.0





#61

Styrene

Concen: 10.954 ppbv

RT: 12.902 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

Tgt Ion:104 Resp: 1497734

Ion Ratio Lower Upper

104 100

78 53.3 40.1 60.1

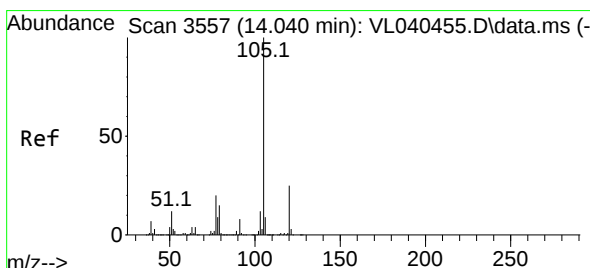
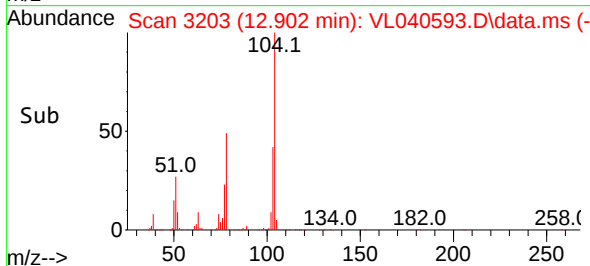
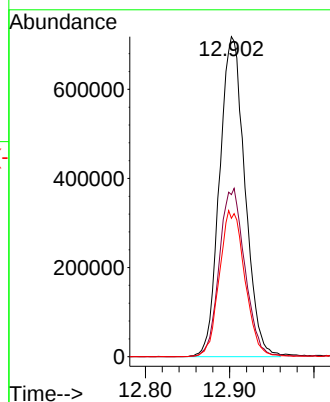
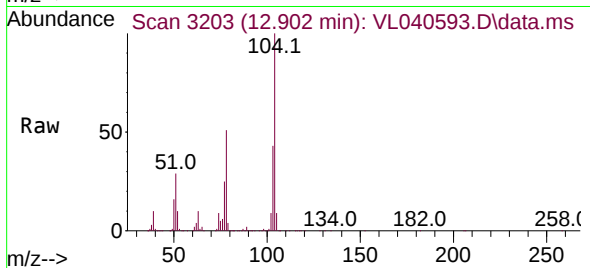
103 46.1 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2023

Supervised By :Mahesh Dadoda 08/09/2023



#62

Isopropylbenzene

Concen: 10.082 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. -0.007 min

Lab File: VL040593.D

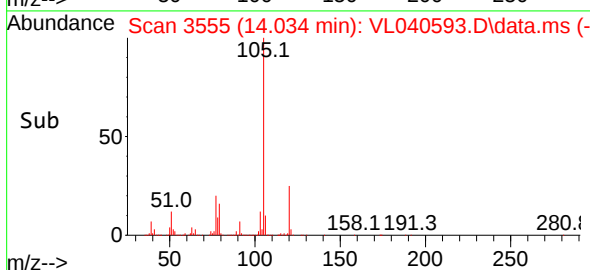
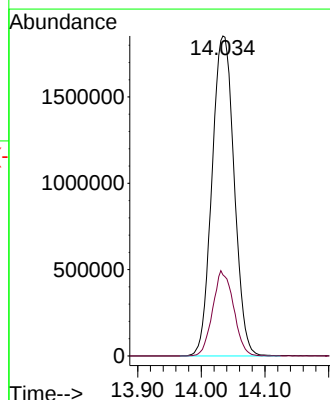
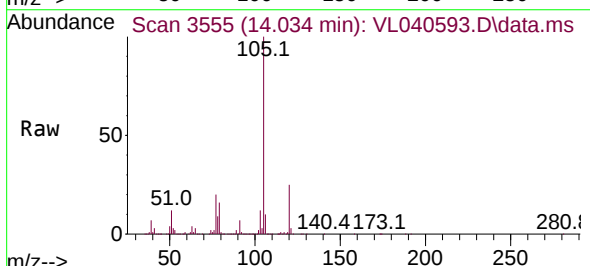
Acq: 7 Aug 2023 10:33

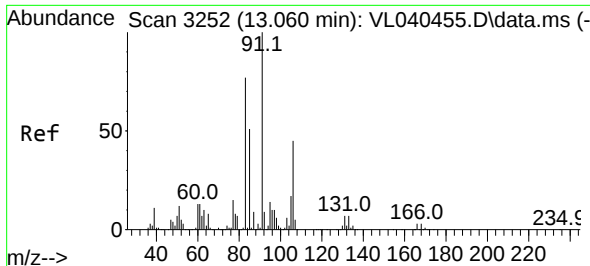
Tgt Ion:105 Resp: 4479082

Ion Ratio Lower Upper

105 100

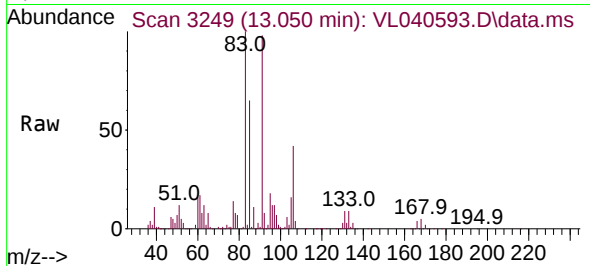
120 25.1 20.8 31.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.601 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

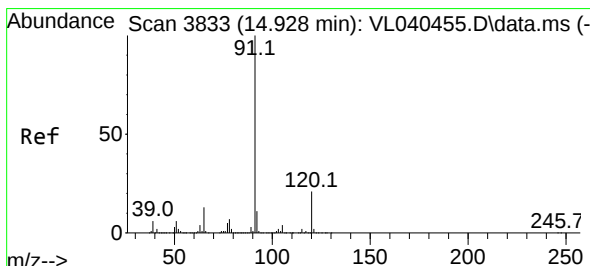
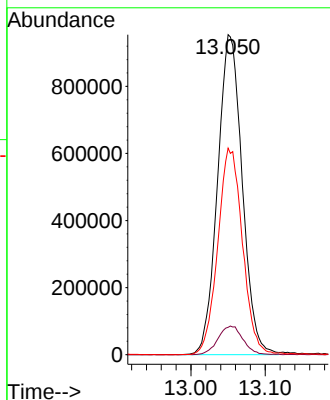
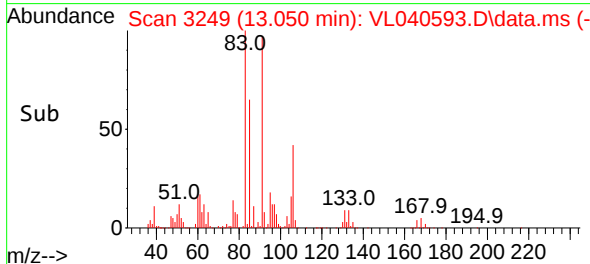
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



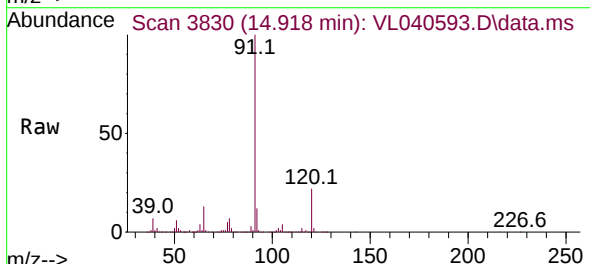
Tgt Ion: 83 Resp: 220059
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.2 32.8 98.3

Manual Integrations
APPROVED

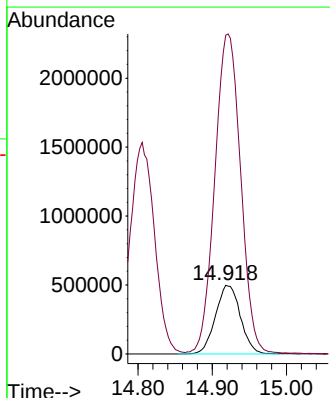
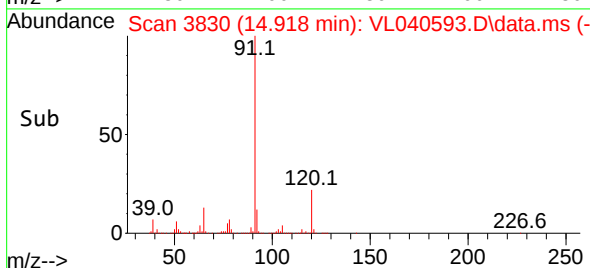
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023

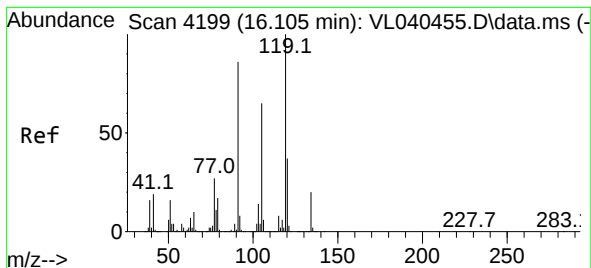


#64
n-propylbenzene
Concen: 10.106 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.013 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33



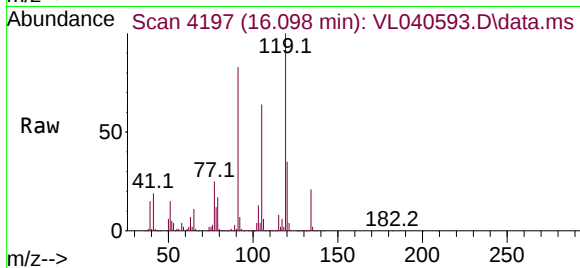
Tgt Ion:120 Resp: 1161679
Ion Ratio Lower Upper
120 100
91 484.4 374.3 561.5





#65
tert-Butylbenzene
Concen: 10.090 ppbv
RT: 16.098 min Scan# 4199
Delta R.T. -0.003 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

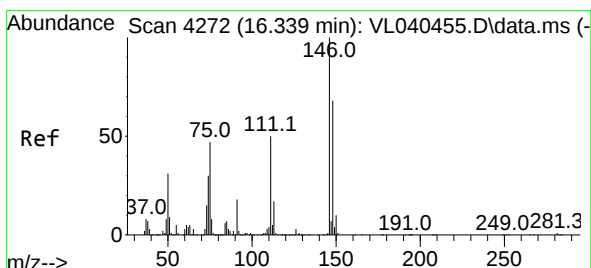
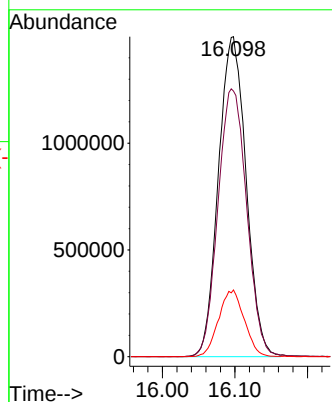
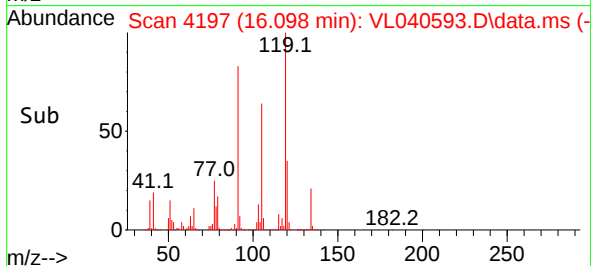
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



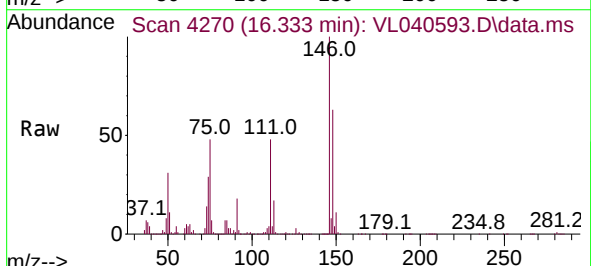
Tgt Ion:119 Resp: 396868
Ion Ratio Lower Upper
119 100
91 87.0 66.1 99.1
134 19.5 15.7 23.5

Manual Integrations
APPROVED

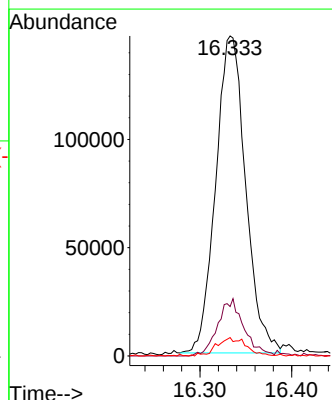
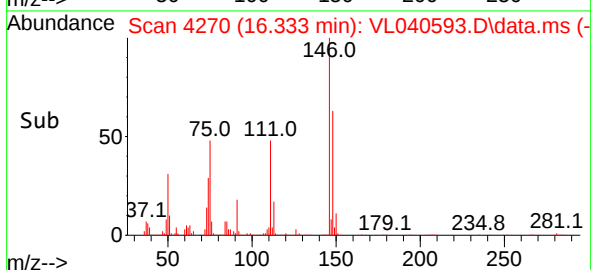
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023

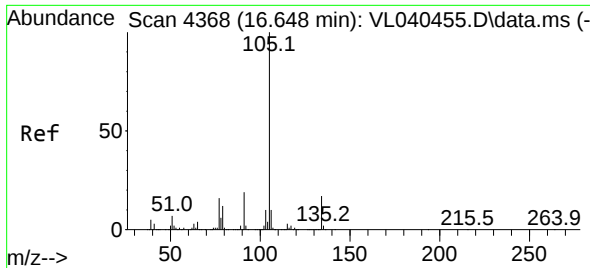


#66
Benzyl Chloride
Concen: 11.934 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.003 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33



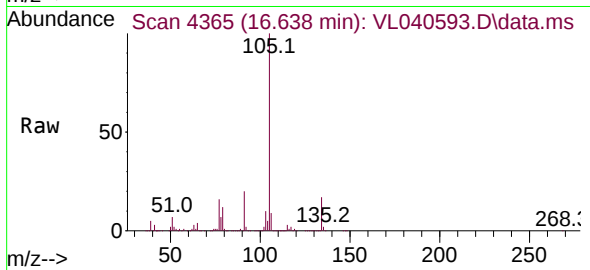
Tgt Ion: 91 Resp: 332062
Ion Ratio Lower Upper
91 100
126 16.5 15.4 23.2
128 5.9 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 9.865 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040593.D
 Acq: 7 Aug 2023 10:33

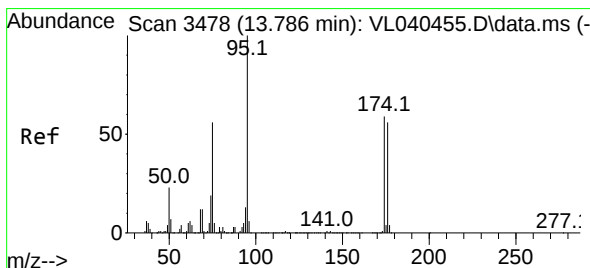
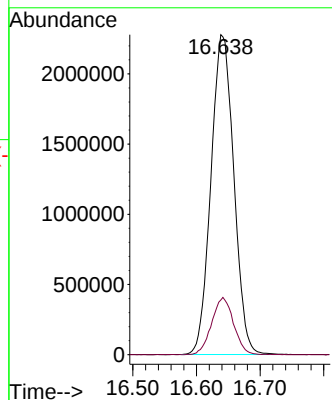
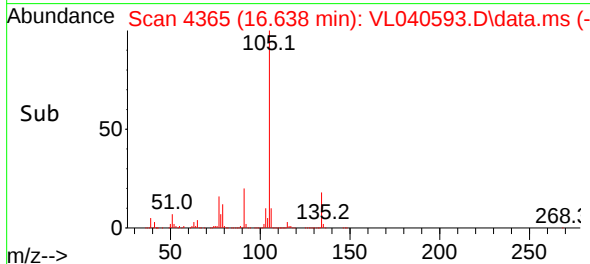
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01



Tgt Ion:105 Resp: 5700978
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.4 21.6

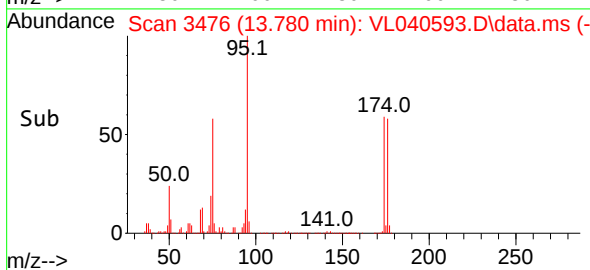
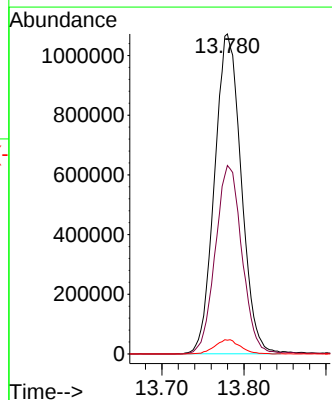
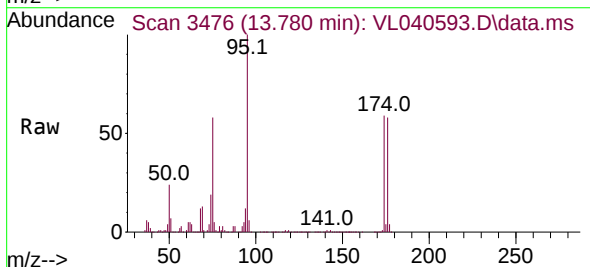
Manual Integrations
 APPROVED

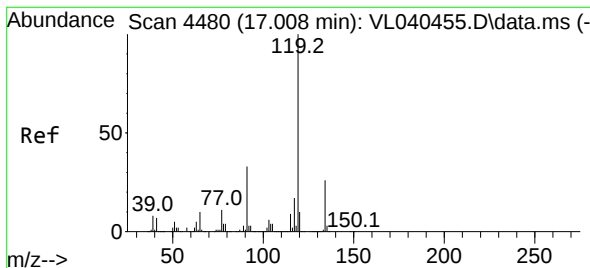
Reviewed By :Semsettin Yesilyurt 08/08/2023
 Supervised By :Mahesh Dadoda 08/09/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.017 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.003 min
 Lab File: VL040593.D
 Acq: 7 Aug 2023 10:33

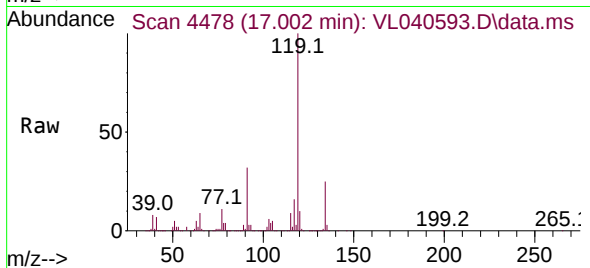
Tgt Ion: 95 Resp: 2422178
 Ion Ratio Lower Upper
 95 100
 174 59.3 50.6 75.8
 175 4.3 3.7 5.5





#69
p-Isopropyltoluene
Concen: 9.719 ppbv
RT: 17.002 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

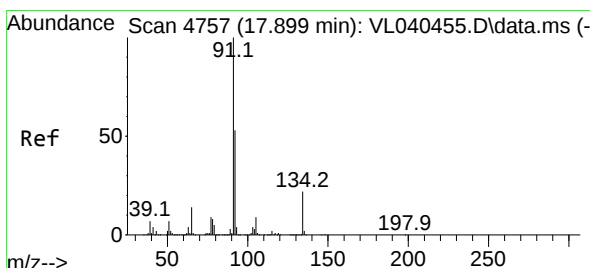
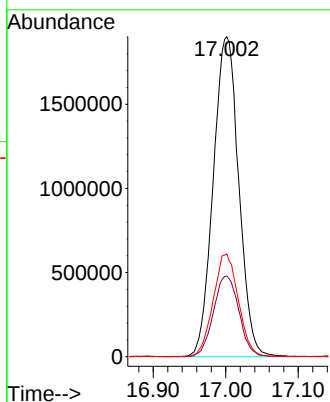
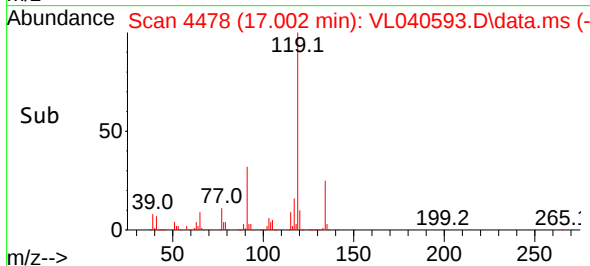
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion:119 Resp: 4641275
Ion Ratio Lower Upper
119 100
134 25.2 20.5 30.7
91 31.7 23.8 35.8

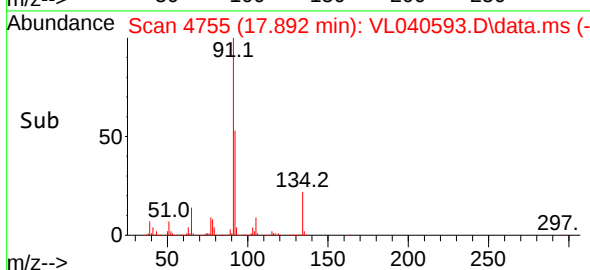
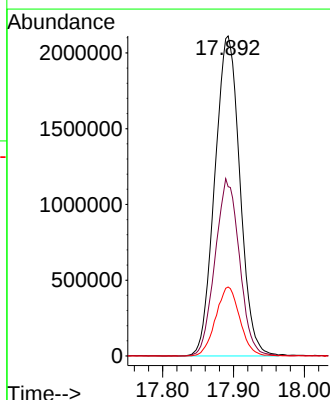
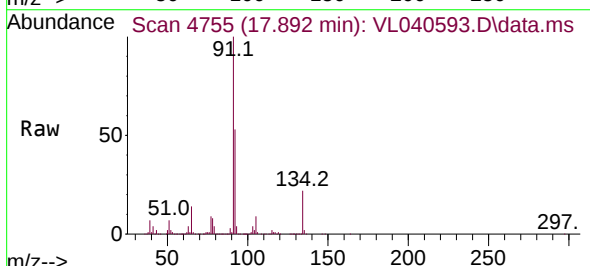
Manual Integrations
APPROVED

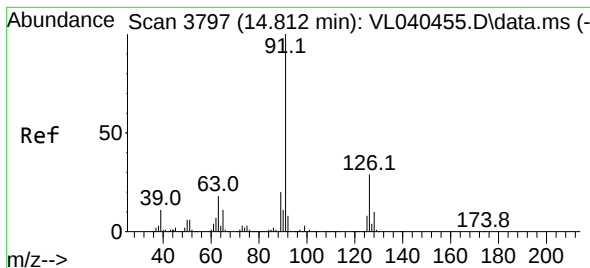
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#70
n-Butylbenzene
Concen: 9.762 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. -0.003 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Tgt Ion: 91 Resp: 5198765
Ion Ratio Lower Upper
91 100
92 53.9 43.4 65.0
134 20.7 18.1 27.1





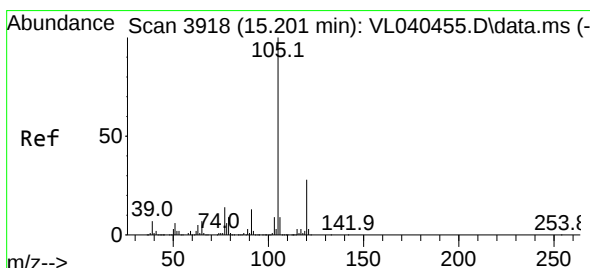
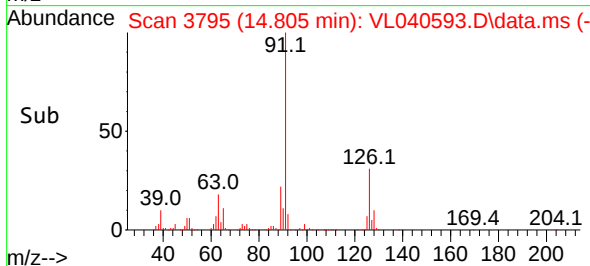
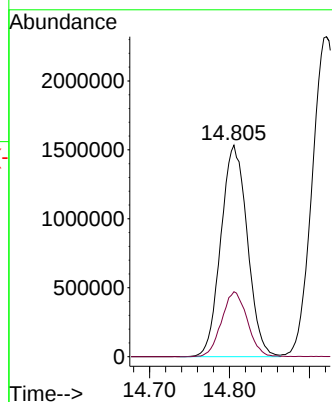
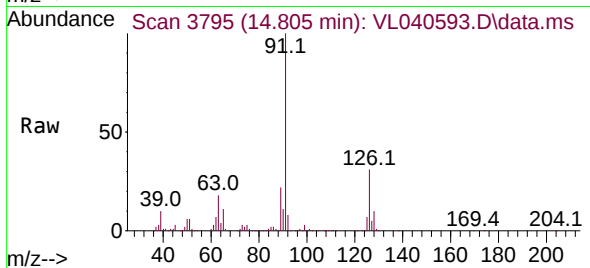
#71
2-Chlorotoluene
Concen: 10.288 ppbv
RT: 14.805 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01

Tgt Ion: 91 Resp: 352261
Ion Ratio Lower Upper
91 100
126 29.9 12.4 49.8

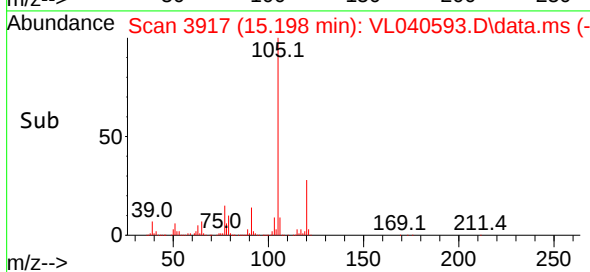
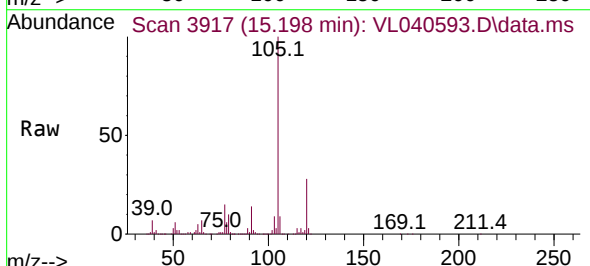
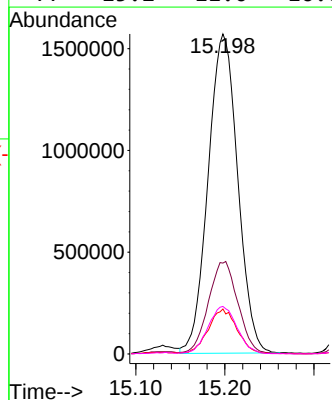
Manual Integrations
APPROVED

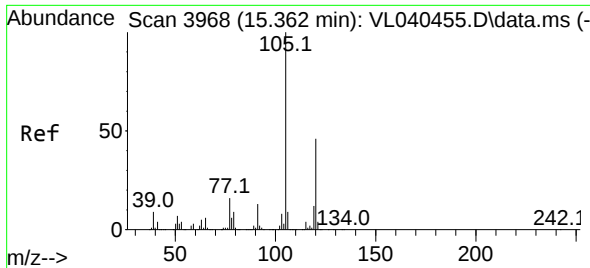
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#72
4-Ethyltoluene
Concen: 10.416 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.007 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

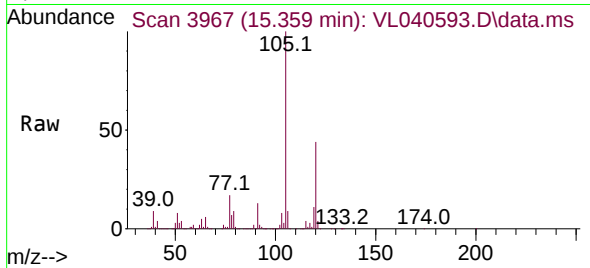
Tgt Ion:105 Resp: 3619091
Ion Ratio Lower Upper
105 100
120 29.7 24.6 37.0
91 13.7 10.7 16.1
77 15.2 11.0 16.6





#73
1,3,5-Trimethylbenzene
Concen: 10.266 ppbv
RT: 15.359 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

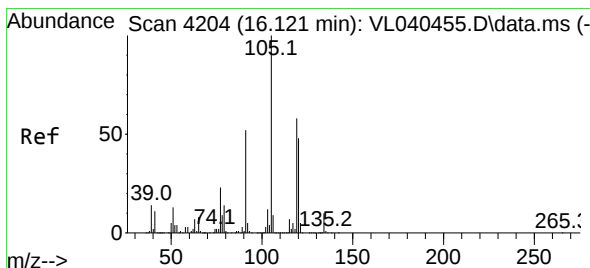
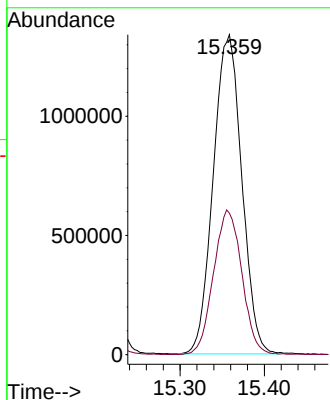
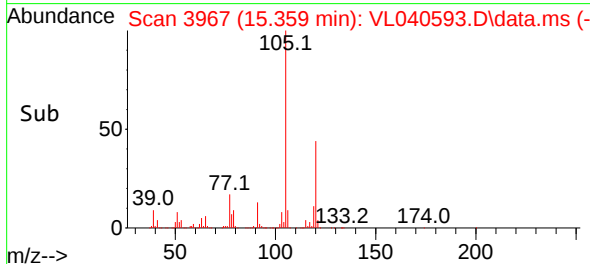
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



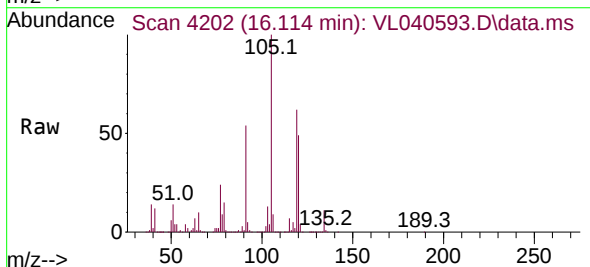
Tgt Ion:105 Resp: 3144252
Ion Ratio Lower Upper
105 100
120 44.3 38.2 57.2

Manual Integrations
APPROVED

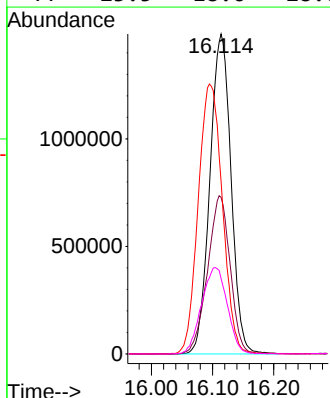
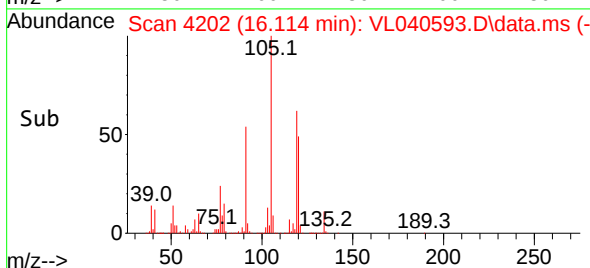
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023

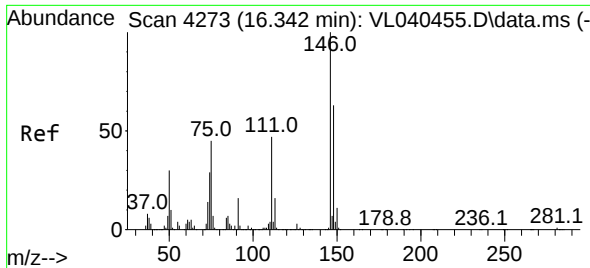


#74
1,2,4-Trimethylbenzene
Concen: 9.993 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. -0.003 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33



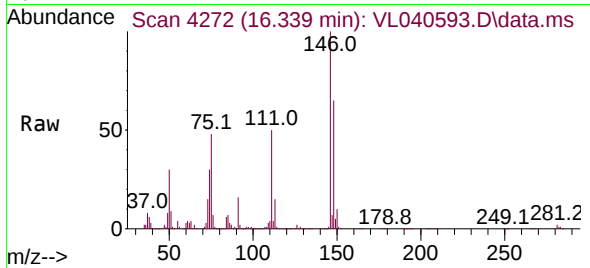
Tgt Ion:105 Resp: 3568359
Ion Ratio Lower Upper
105 100
120 48.9 40.3 60.5
91 53.8 46.8 70.2
77 23.5 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 9.402 ppbv
RT: 16.339 min Scan# 4315
Delta R.T. -0.003 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

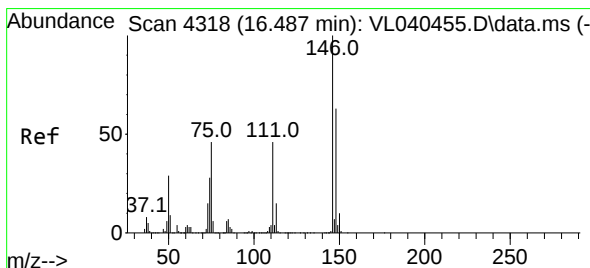
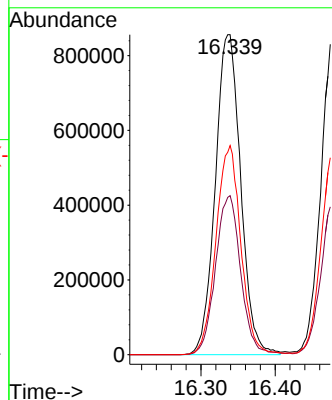
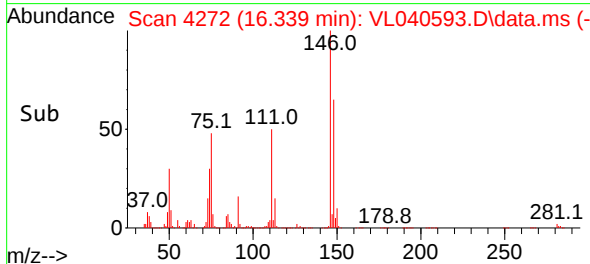
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



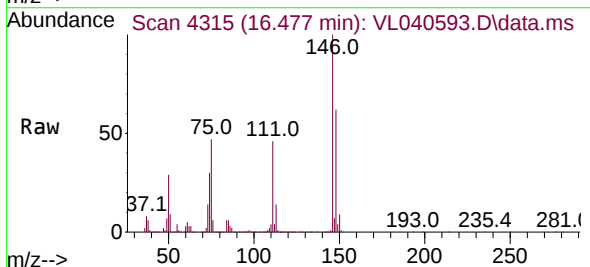
Tgt Ion:146 Resp: 2035619
Ion Ratio Lower Upper
146 100
111 49.4 23.6 71.0
148 64.1 32.2 96.6

Manual Integrations
APPROVED

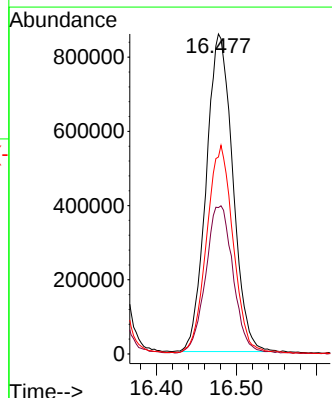
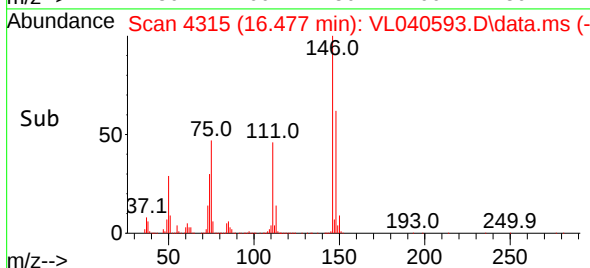
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023

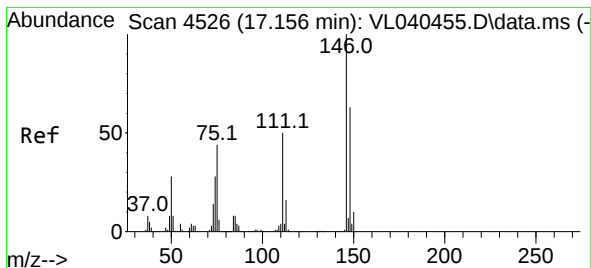


#76
1,4-Dichlorobenzene
Concen: 9.307 ppbv
RT: 16.477 min Scan# 4315
Delta R.T. -0.010 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33



Tgt Ion:146 Resp: 1975912
Ion Ratio Lower Upper
146 100
111 48.7 22.8 68.3
148 66.2 32.6 97.8





#77

1,2-Dichlorobenzene

Concen: 9.426 ppbv

RT: 17.146 min Scan# 4526

Delta R.T. -0.007 min

Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

Tgt Ion:146 Resp: 1951470

Ion Ratio Lower Upper

146 100

111 50.6 24.3 72.8

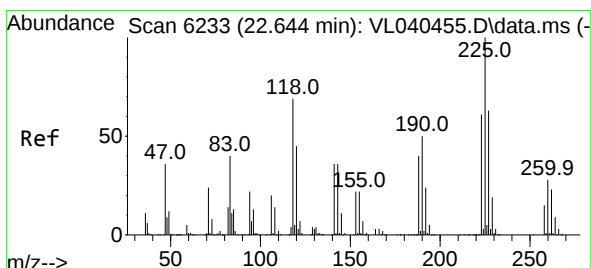
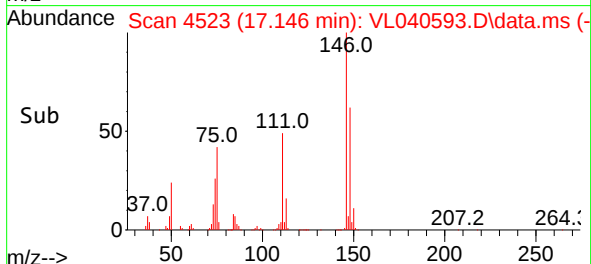
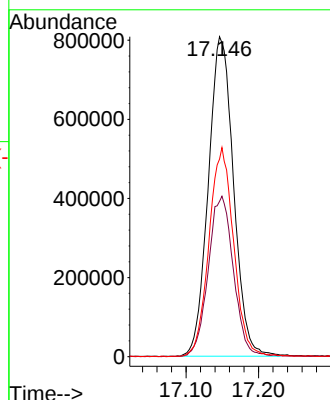
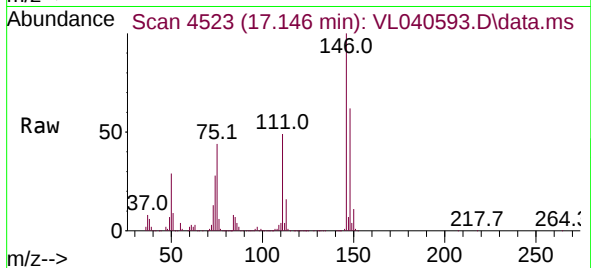
148 64.3 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2023

Supervised By :Mahesh Dadoda 08/09/2023



#78

Hexachloro-1,3-Butadiene

Concen: 7.250 ppbv

RT: 22.641 min Scan# 6232

Delta R.T. -0.007 min

Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

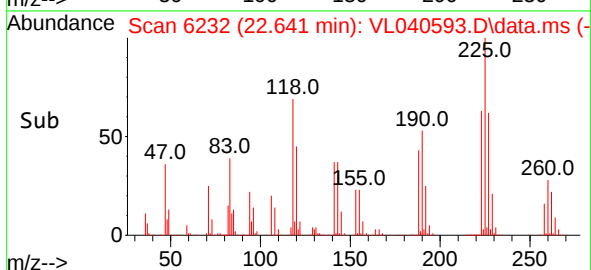
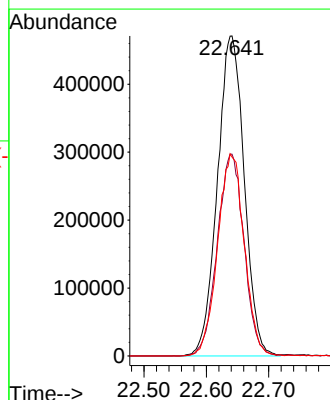
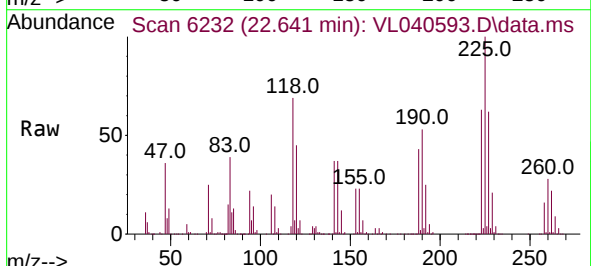
Tgt Ion:225 Resp: 1409552

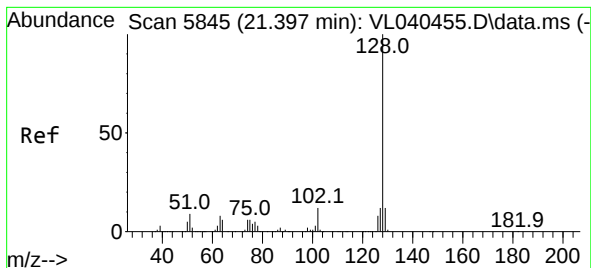
Ion Ratio Lower Upper

225 100

223 62.8 50.3 75.5

227 62.7 51.0 76.6





#79

Naphthalene

Concen: 9.503 ppbv

RT: 21.390 min Scan# 5845

Delta R.T. -0.003 min

Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

Tgt Ion:128 Resp: 2871088

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

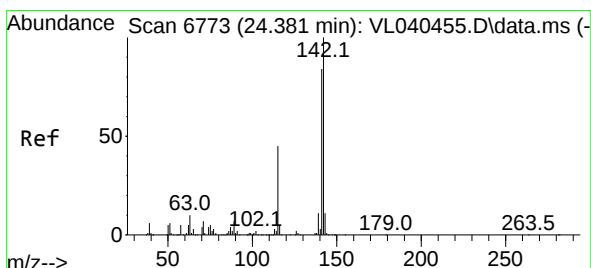
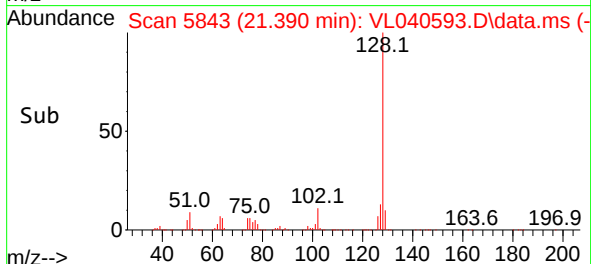
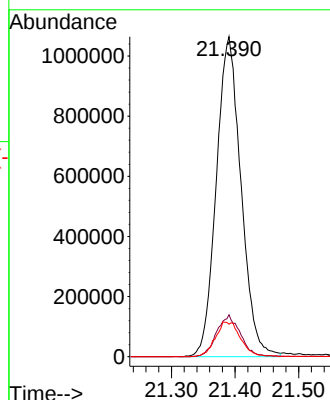
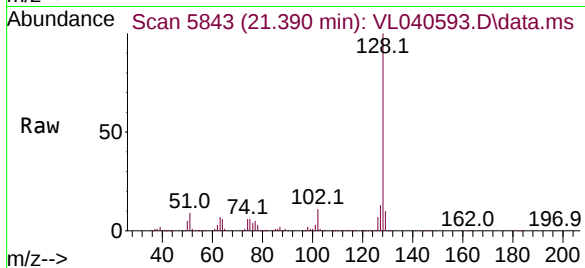
129 10.1 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2023

Supervised By :Mahesh Dadoda 08/09/2023



#80

Naphthalene,2-methyl-

Concen: 6.127 ppbv

RT: 24.377 min Scan# 6772

Delta R.T. -0.000 min

Lab File: VL040593.D

Acq: 7 Aug 2023 10:33

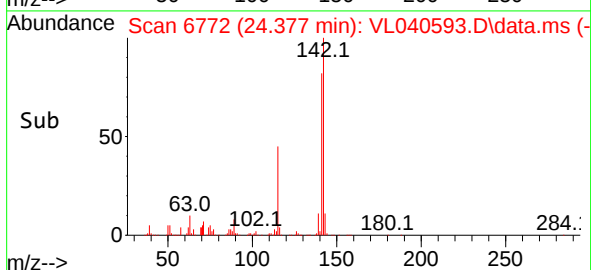
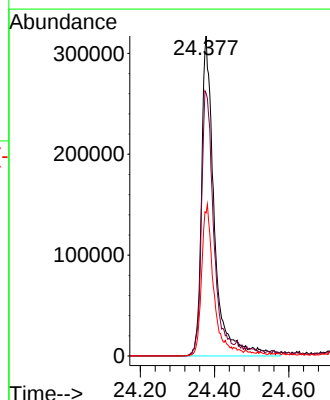
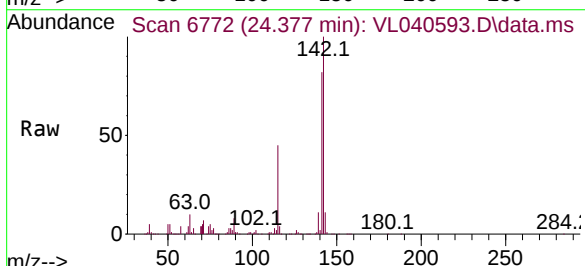
Tgt Ion:142 Resp: 763328

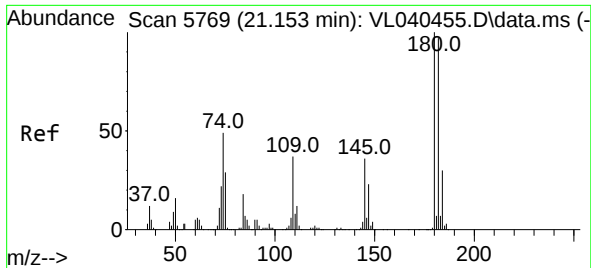
Ion Ratio Lower Upper

142 100

141 83.5 66.7 100.1

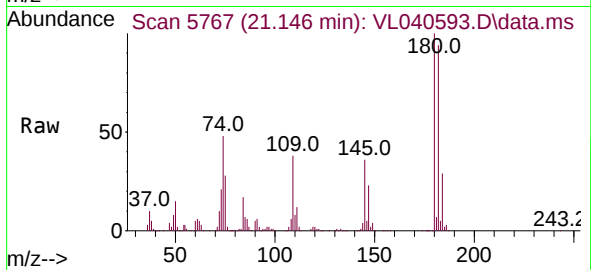
115 46.8 33.0 49.6





#81
1,2,4-Trichlorobenzene
Concen: 8.006 ppbv
RT: 21.146 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL040593.D
Acq: 7 Aug 2023 10:33

Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion:180 Resp: 1666879
Ion Ratio Lower Upper
180 100
182 97.4 77.5 116.3
184 30.6 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023

