

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040299.D
 Acq On : 16 Mar 2023 17:15
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

Quant Time: Mar 17 05:02:56 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1117178	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2818488	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2878496	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 2292249 9.509 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	2088212	9.527	ppbv	96
3) Chlorodifluoromethane	2.671	51	1218523	8.674	ppbv	98
4) Chloromethane	2.809	50	774567	8.929	ppbv	100
5) Vinyl Chloride	2.918	62	666408	9.488	ppbv	100
6) Bromomethane	3.118	94	223245	9.165	ppbv	97
7) Chloroethane	3.195	64	241257	8.947	ppbv	96
8) Dichlorotetrafluoroethane	2.854	85	1659106	8.843	ppbv	100
9) Propene	2.690	41	508202	9.443	ppbv	95
10) Heptane	7.584	43	1261599	9.746	ppbv	99
11) Trichlorofluoromethane	3.562	101	1729784	8.710	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.066	101	1274964	8.548	ppbv	99
13) Ethanol	3.243	45	28277m	7.164	ppbv	
14) Bromoethene	3.365	108	517174	9.296	ppbv	98
15) Acetone	3.465	43	1163944	8.558	ppbv	99
16) 1,3-Butadiene	2.983	39	586566	9.488	ppbv	99
17) tert-Butyl alcohol	3.877	59	1140173	8.821	ppbv	100
18) 1,1-Dichloroethene	3.880	96	575670	8.997	ppbv	99
19) Isopropyl Alcohol	3.571	45	536651	8.237	ppbv	99
20) Methylene Chloride	3.931	84	459571	8.032	ppbv	95
21) Allyl Chloride	3.996	41	831647	9.440	ppbv	98
22) trans-1,2-Dichloroethene	4.446	96	604028	9.275	ppbv	92
23) Vinyl Acetate	4.626	43	390036	10.308	ppbv	99
24) 1,1-Dichloroethane	4.561	63	1213300	8.990	ppbv	98
25) Ethyl Acetate	5.205	43	2383703	9.361	ppbv	99
26) Hexane	5.211	57	1003230	9.598	ppbv	97
27) Carbon Disulfide	4.124	76	1424003	9.754	ppbv	100
28) Methyl tert-Butyl Ether	4.587	73	1110089	9.250	ppbv	100
29) Chloroform	5.275	83	1736842	9.410	ppbv	96
30) Cyclohexane	6.606	84	839091	10.188	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	1036911	10.187	ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	1746596	9.878	ppbv	99
34) 2-Butanone	4.787	43	1323429	9.514	ppbv	100
35) Carbon Tetrachloride	6.497	117	1799850	10.176	ppbv	99
36) Benzene	6.372	78	2113264	9.838	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1349802	9.655	ppbv	99
38) Trichloroethene	7.298	130	1263452	10.764	ppbv	99
39) 1,2-Dichloropropane	7.079	63	810555	9.619	ppbv	98
40) 1,4-Dioxane	7.285	88	305521	9.164	ppbv	79
41) Tetrahydrofuran	5.558	42	808452	10.070	ppbv	98
42) Bromodichloromethane	7.256	83	1891741	9.902	ppbv	97
43) Methyl Methacrylate	7.478	69	846959	10.611	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	3478627	9.713	ppbv	100
45) t-1,3-Dichloropropene	8.716	75	848987	12.201	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040299.D
 Acq On : 16 Mar 2023 17:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

Quant Time: Mar 17 05:02:56 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

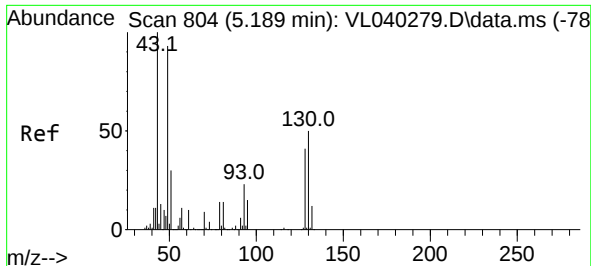
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

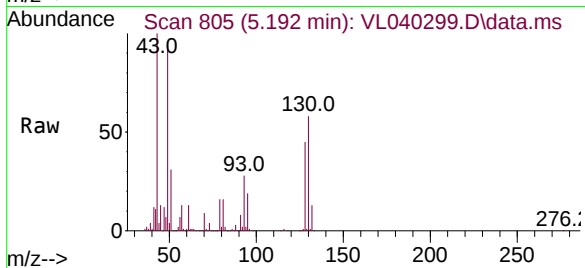
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1122382	11.359	ppbv	99
47) 1,1,2-Trichloroethane	8.905	97	883704	9.828	ppbv	95
48) Dibromochloromethane	9.716	129	1534937	10.374	ppbv	100
49) Bromoform	12.416	173	1176891	10.590	ppbv	100
50) 4-Methyl-2-Pentanone	8.182	43	2177319	10.115	ppbv	99
51) 2-Hexanone	9.555	43	1717525	10.299	ppbv #	99
52) Tetrachloroethene	10.622	164	709249	10.914	ppbv	98
53) Toluene	9.227	91	2407664	10.696	ppbv	98
54) 1,2-Dibromoethane	10.015	107	999484	10.799	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.516	131	1091135	9.011	ppbv	99
57) Chlorobenzene	11.532	112	1841991	8.996	ppbv	95
58) Ethyl Benzene	12.098	91	3277060	9.998	ppbv	98
59) m/p-Xylene	12.378	91	5686848m	18.940	ppbv	
60) o-Xylene	13.066	91	2711744	9.448	ppbv	99
61) Styrene	12.908	104	1555268	10.678	ppbv	99
62) Isopropylbenzene	14.040	105	3803865	9.306	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.056	83	845419	8.371	ppbv	98
64) n-propylbenzene	14.924	120	959536	9.593	ppbv	98
65) tert-Butylbenzene	16.101	119	3232777	9.178	ppbv	100
66) Benzyl Chloride	16.336	91	224961	9.827	ppbv	98
67) sec-Butylbenzene	16.645	105	4579321	9.090	ppbv	100
69) p-Isopropyltoluene	17.005	119	3656059	9.319	ppbv	100
70) n-Butylbenzene	17.895	91	3943242	9.124	ppbv	100
71) 2-Chlorotoluene	14.812	91	2890841	9.292	ppbv	99
72) 4-Ethyltoluene	15.204	105	3020549	9.625	ppbv	99
73) 1,3,5-Trimethylbenzene	15.358	105	2697206	9.489	ppbv	100
74) 1,2,4-Trimethylbenzene	16.117	105	2915757	8.995	ppbv	97
75) 1,3-Dichlorobenzene	16.342	146	1566946	8.925	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	1526008	9.113	ppbv	99
77) 1,2-Dichlorobenzene	17.153	146	1468953	8.704	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1063474	8.593	ppbv	100
79) Naphthalene	21.394	128	2265009	11.811	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	595554	12.262	ppbv	95
81) 1,2,4-Trichlorobenzene	21.149	180	1174095	9.940	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

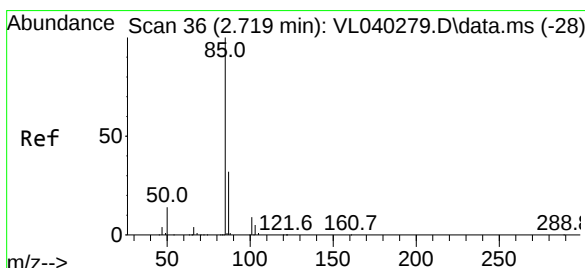
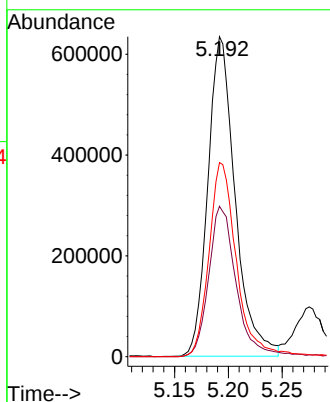
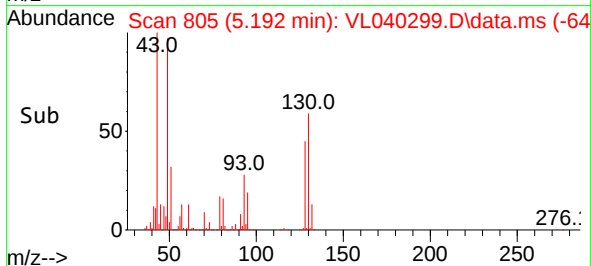
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



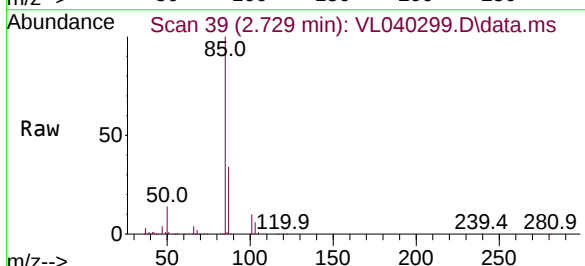
Tgt Ion: 49 Resp: 1117178
Ion Ratio Lower Upper
49 100
128 48.2 22.4 67.3
130 62.1 28.7 86.1

Manual Integrations
APPROVED

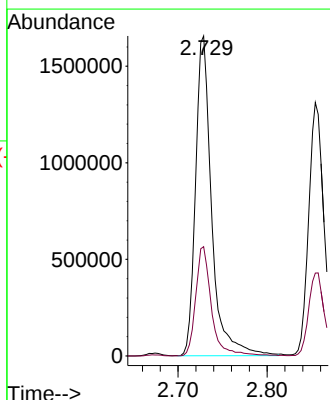
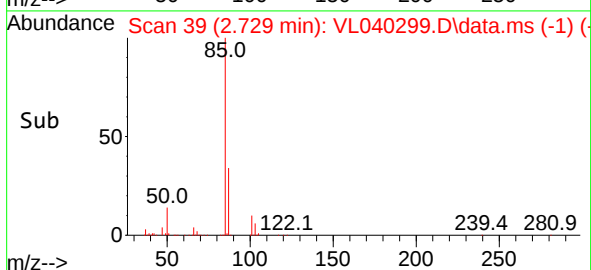
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#2
Dichlorodifluoromethane
Concen: 9.527 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.010 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15



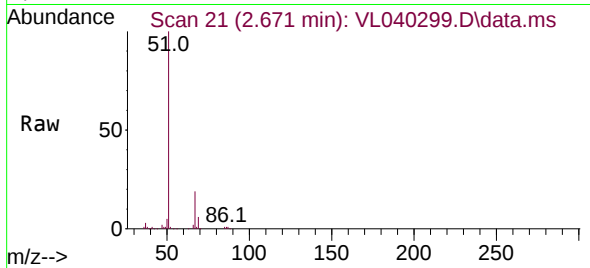
Tgt Ion: 85 Resp: 2088212
Ion Ratio Lower Upper
85 100
87 34.2 25.5 38.3





#3
Chlorodifluoromethane
Concen: 8.674 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

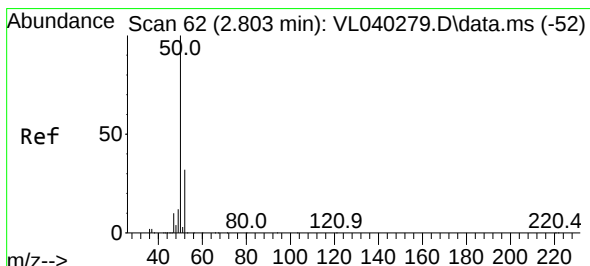
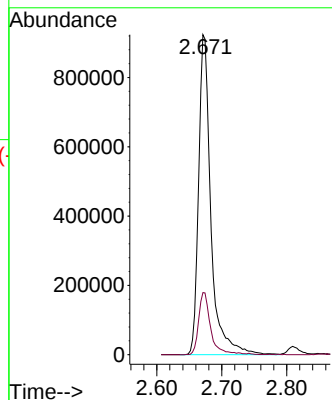
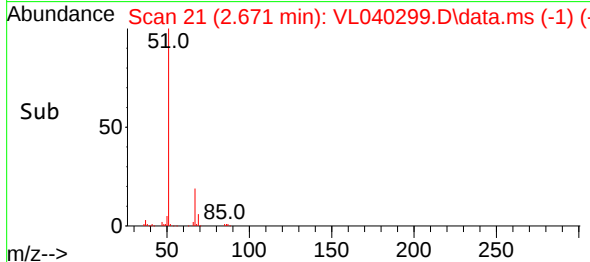
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 121852
Ion Ratio Lower Upper
51 100
67 19.3 16.0 24.0

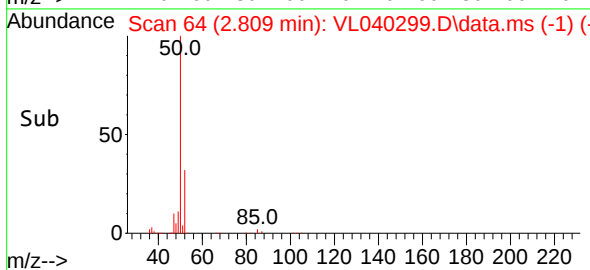
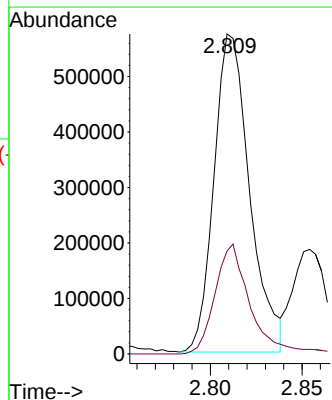
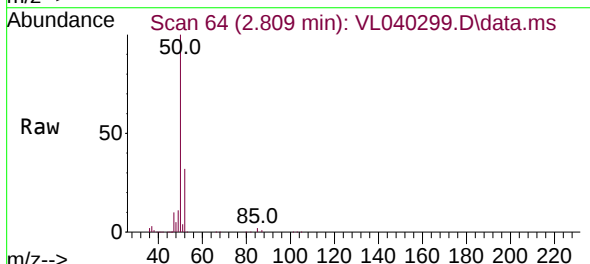
Manual Integrations
APPROVED

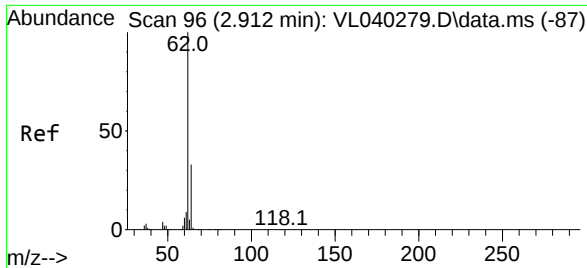
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#4
Chloromethane
Concen: 8.929 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Tgt Ion: 50 Resp: 774567
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9





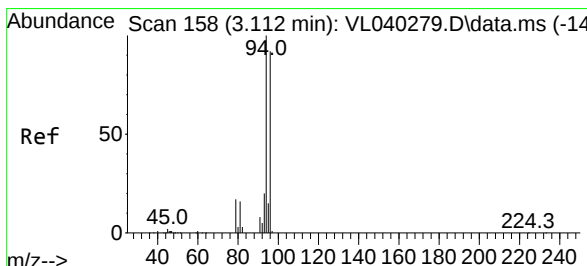
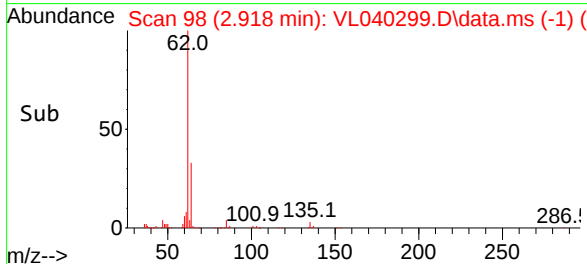
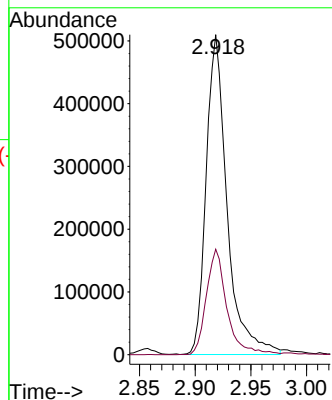
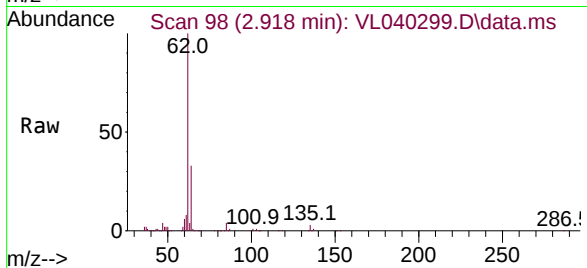
#5
 Vinyl Chloride
 Concen: 9.488 ppbv
 RT: 2.918 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VL040299.D
 Acq: 16 Mar 2023 17:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 666408
 Ion Ratio Lower Upper
 62 100
 64 32.9 26.4 39.6

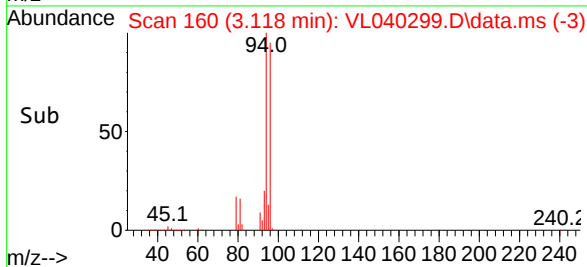
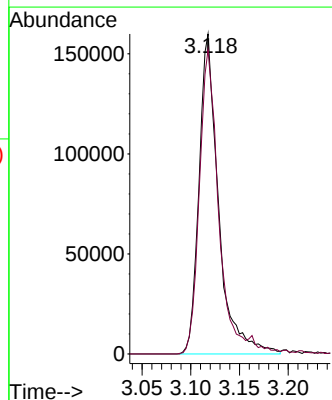
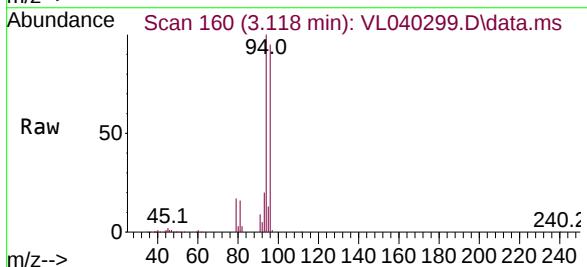
Manual Integrations
 APPROVED

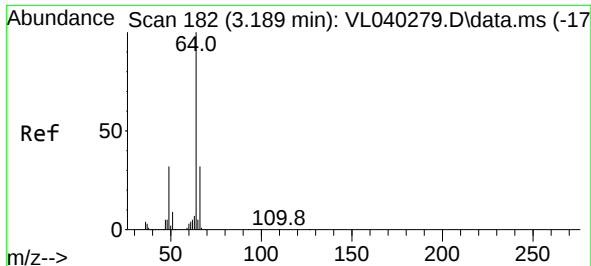
Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#6
 Bromomethane
 Concen: 9.165 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.006 min
 Lab File: VL040299.D
 Acq: 16 Mar 2023 17:15

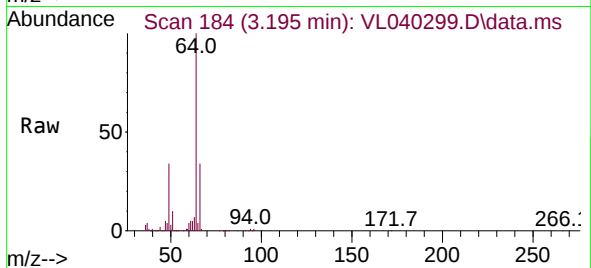
Tgt Ion: 94 Resp: 223245
 Ion Ratio Lower Upper
 94 100
 96 94.8 73.7 110.5





#7
Chloroethane
Concen: 8.947 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

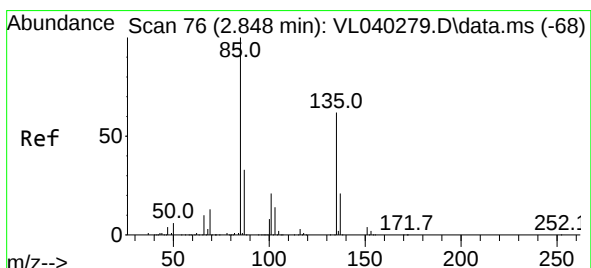
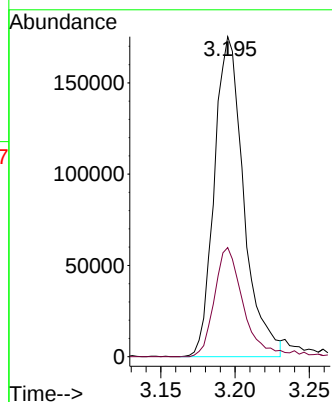
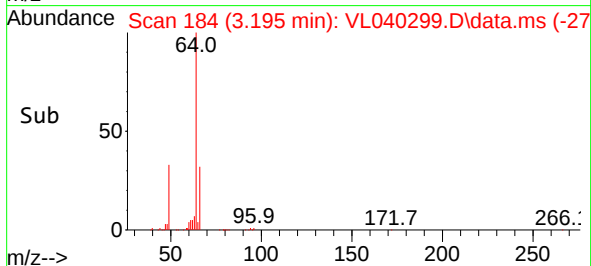
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 24125
Ion Ratio Lower Upper
64 100
66 34.1 25.5 38.3

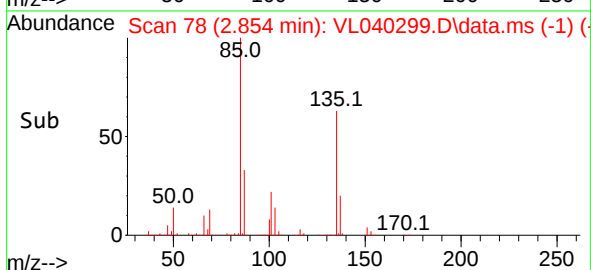
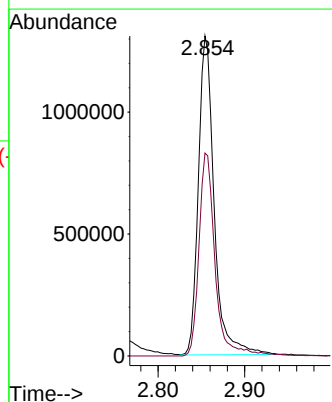
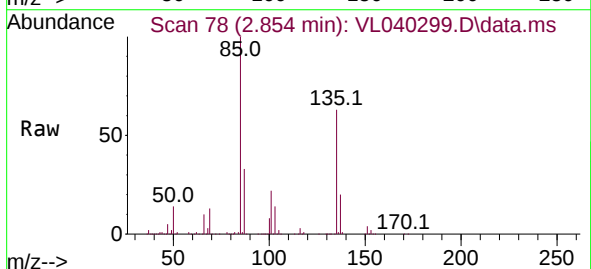
Manual Integrations
APPROVED

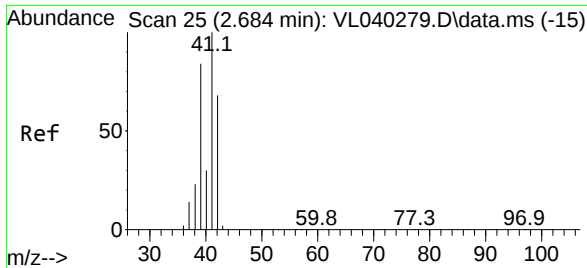
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#8
Dichlorotetrafluoroethane
Concen: 8.843 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.006 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Tgt Ion: 85 Resp: 1659106
Ion Ratio Lower Upper
85 100
135 65.3 52.0 78.0





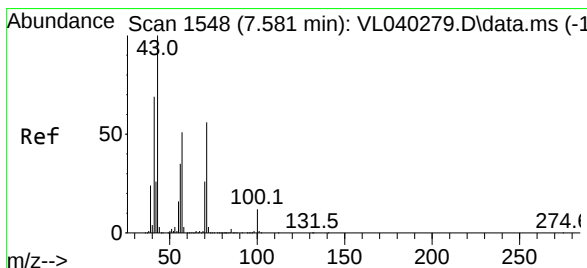
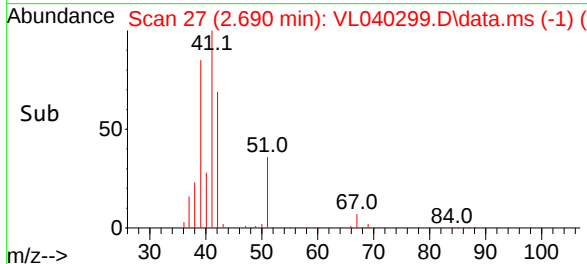
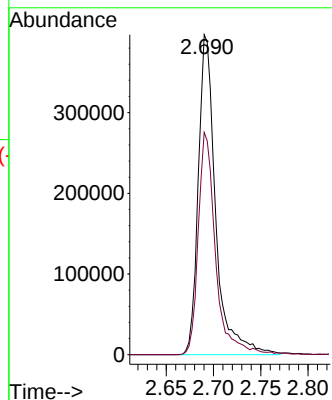
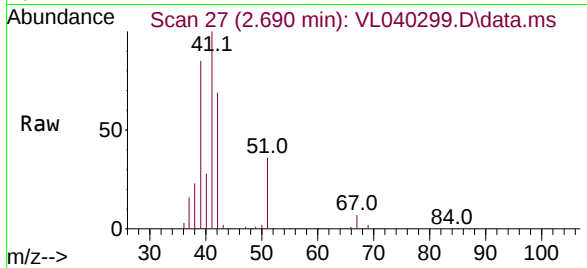
#9
 Propene
 Concen: 9.443 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VL040299.D
 Acq: 16 Mar 2023 17:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 50820
 Ion Ratio Lower Upper
 41 100
 42 69.6 59.0 88.4

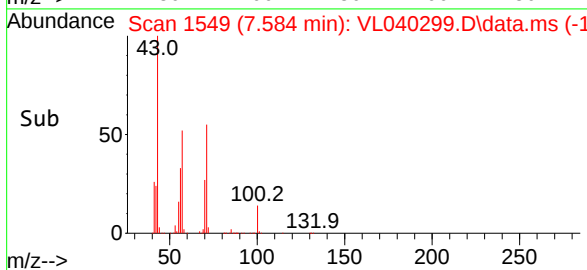
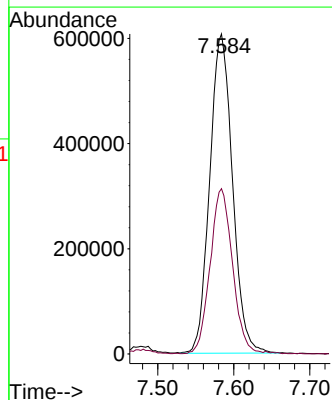
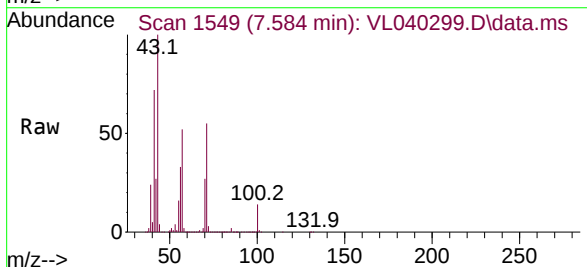
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#10
 Heptane
 Concen: 9.746 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: VL040299.D
 Acq: 16 Mar 2023 17:15

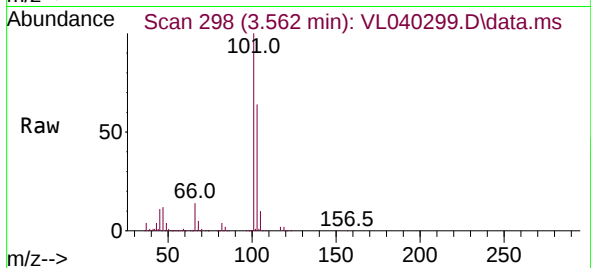
Tgt Ion: 43 Resp: 1261599
 Ion Ratio Lower Upper
 43 100
 57 51.3 41.7 62.5





#11
 Trichlorofluoromethane
 Concen: 8.710 ppbv
 RT: 3.562 min Scan# 296
 Delta R.T. 0.006 min
 Lab File: VL040299.D
 Acq: 16 Mar 2023 17:15

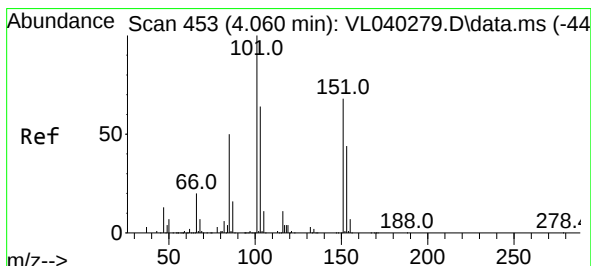
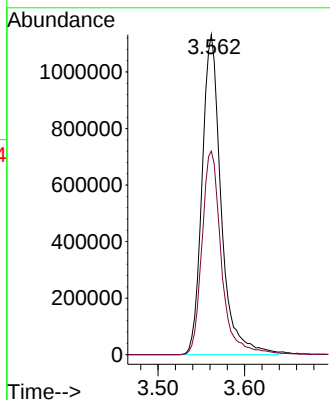
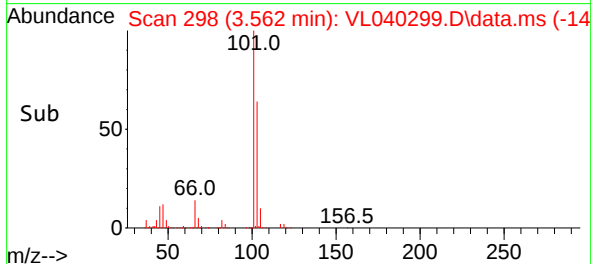
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



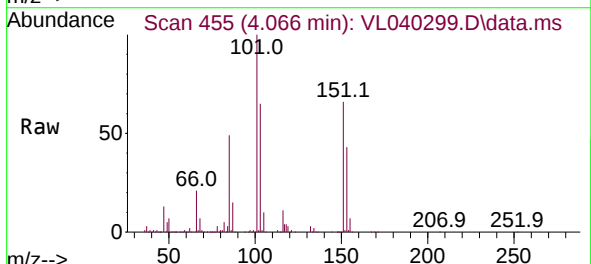
Tgt Ion:101 Resp: 1729784
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.1 79.7

Manual Integrations
 APPROVED

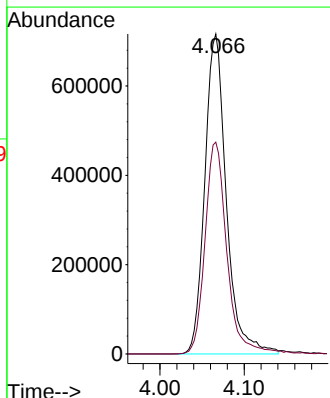
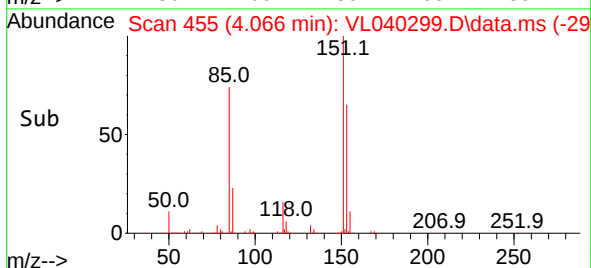
Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

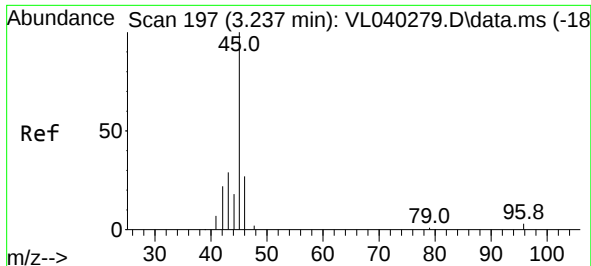


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.548 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. 0.006 min
 Lab File: VL040299.D
 Acq: 16 Mar 2023 17:15



Tgt Ion:101 Resp: 1274964
 Ion Ratio Lower Upper
 101 100
 151 67.5 53.2 79.8





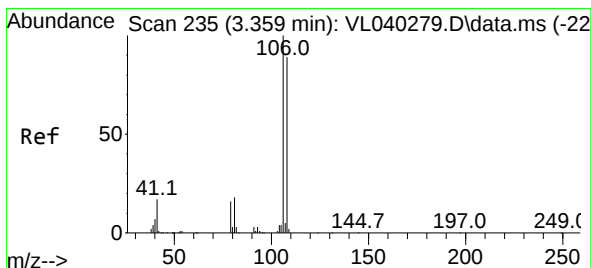
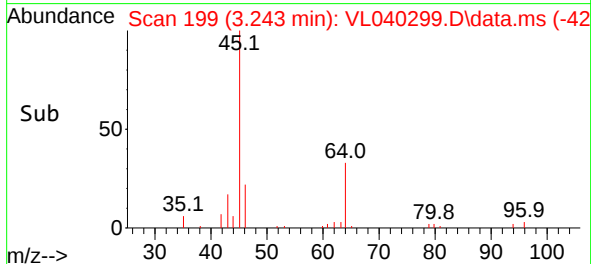
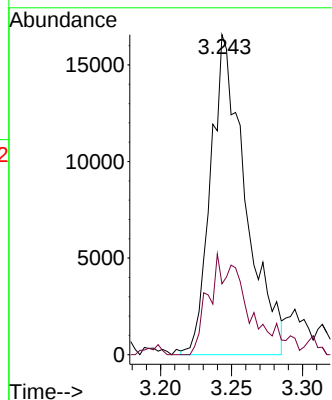
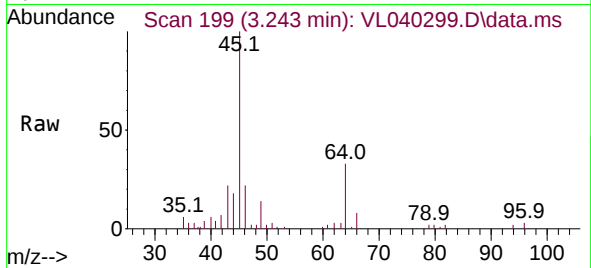
#13
Ethanol
Concen: 7.164 ppbv m
RT: 3.243 min Scan# 197
Delta R.T. 0.006 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 2827
Ion Ratio Lower Upper
45 100
46 36.1 15.0 60.2

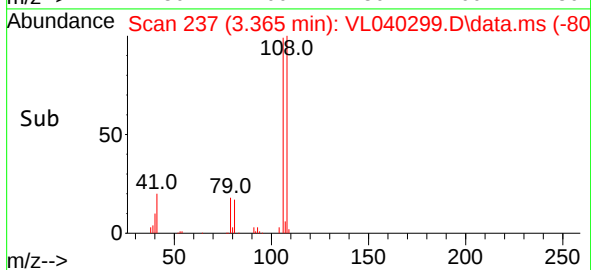
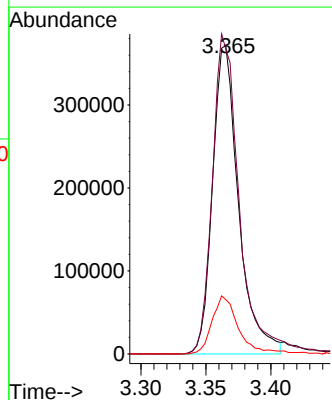
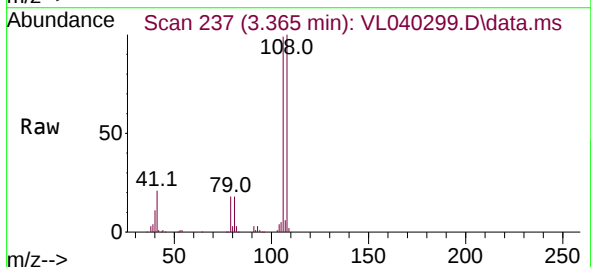
Manual Integrations
APPROVED

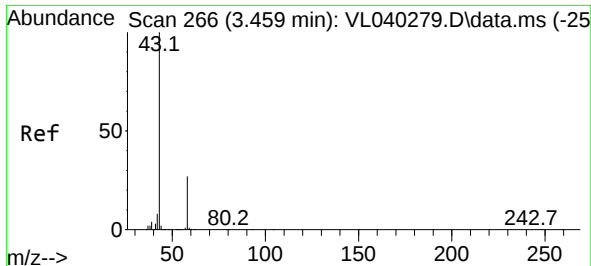
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#14
Bromoethene
Concen: 9.296 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.006 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Tgt Ion:108 Resp: 517174
Ion Ratio Lower Upper
108 100
106 109.3 85.8 128.8
79 19.5 15.8 23.6





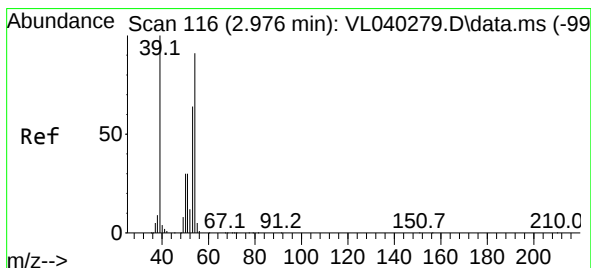
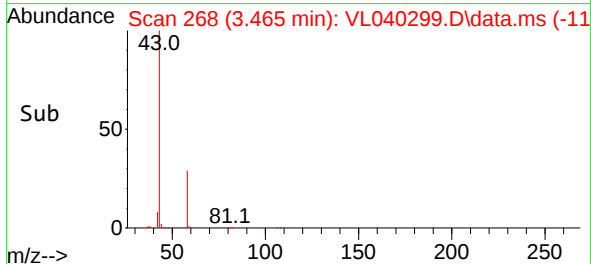
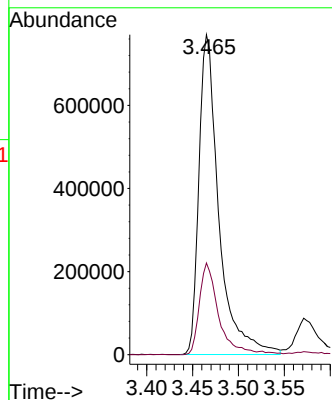
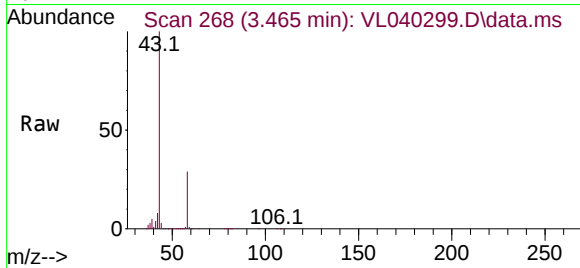
#15
Acetone
Concen: 8.558 ppbv
RT: 3.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 116394
Ion Ratio Lower Upper
43 100
58 27.9 21.8 32.8

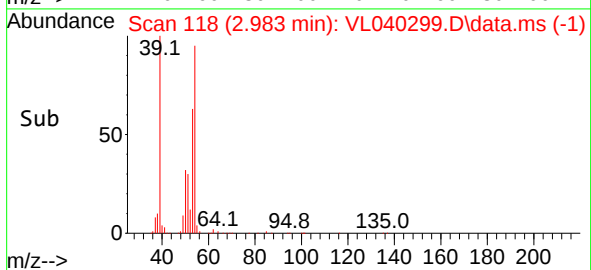
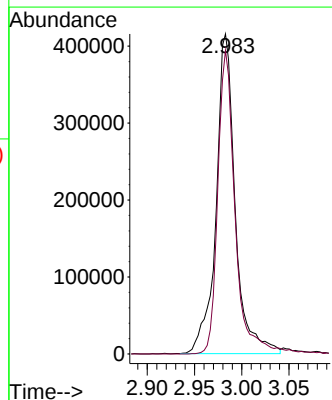
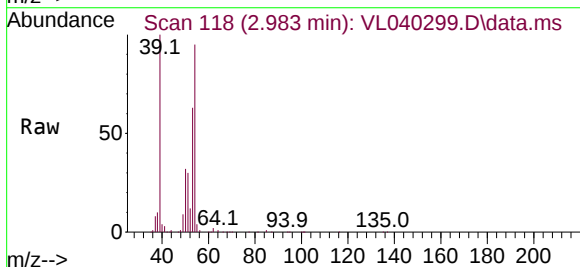
Manual Integrations
APPROVED

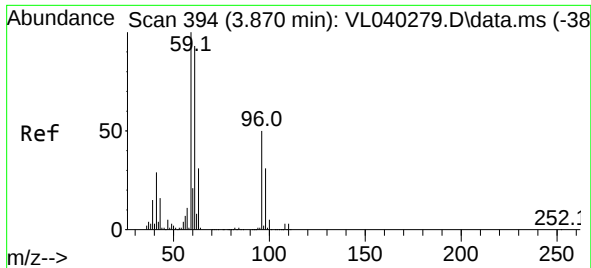
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#16
1,3-Butadiene
Concen: 9.488 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.007 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Tgt Ion: 39 Resp: 586566
Ion Ratio Lower Upper
39 100
54 86.5 68.4 102.6





#17

tert-Butyl alcohol

Concen: 8.821 ppbv

RT: 3.877 min Scan# 394

Delta R.T. 0.007 min

Lab File: VL040299.D

Acq: 16 Mar 2023 17:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 114017

Ion Ratio Lower Upper

59 100

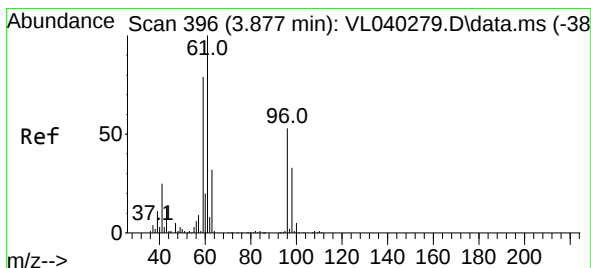
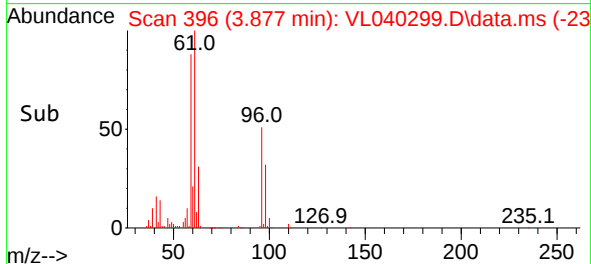
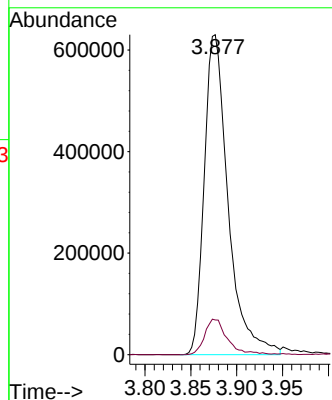
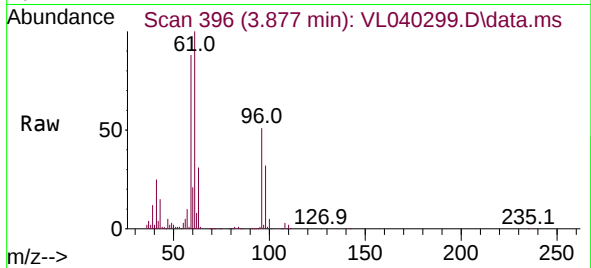
57 10.8 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#18

1,1-Dichloroethene

Concen: 8.997 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.003 min

Lab File: VL040299.D

Acq: 16 Mar 2023 17:15

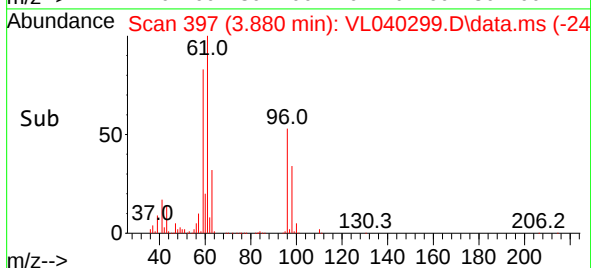
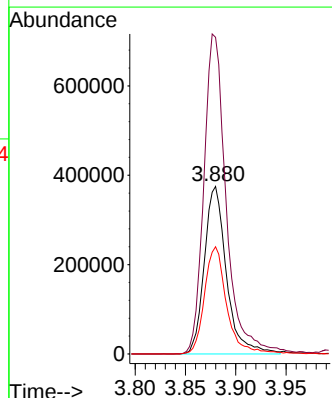
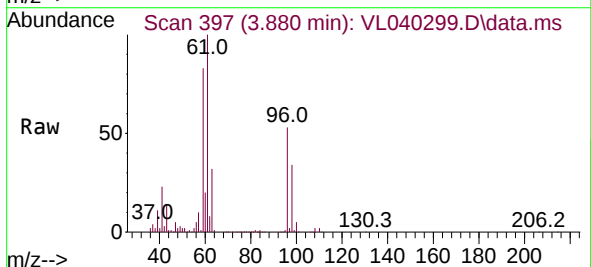
Tgt Ion: 96 Resp: 575670

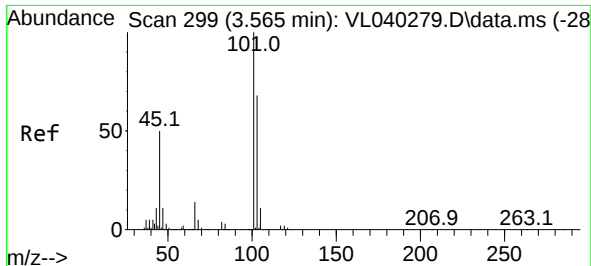
Ion Ratio Lower Upper

96 100

61 188.9 150.6 226.0

98 64.0 50.3 75.5





#19

Isopropyl Alcohol

Concen: 8.237 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.006 min

Lab File: VL040299.D

Acq: 16 Mar 2023 17:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 45 Resp: 53665

Ion Ratio Lower Upper

45 100

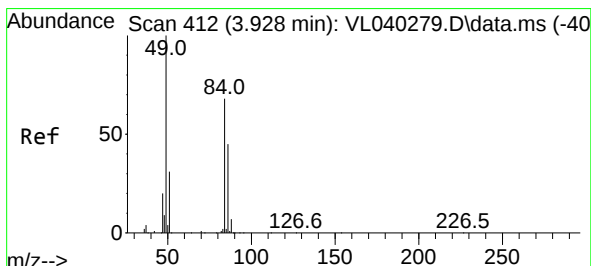
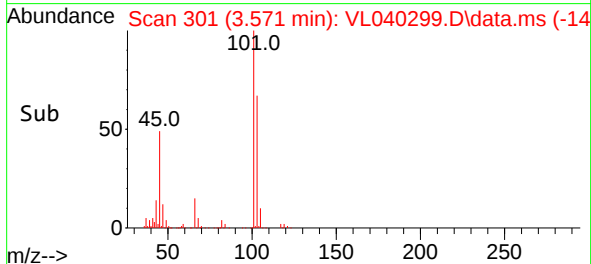
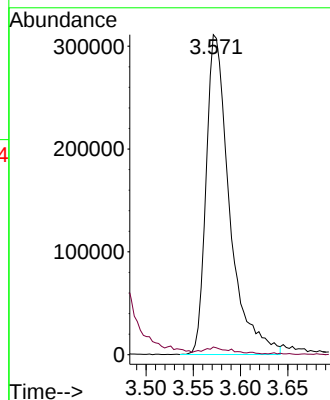
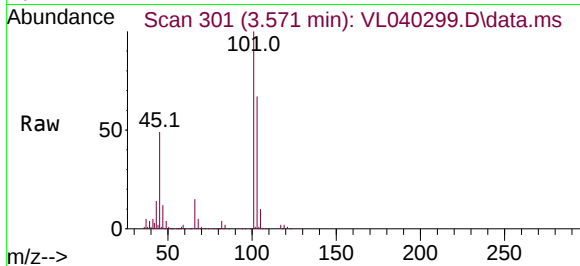
58 3.7 2.7 4.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#20

Methylene Chloride

Concen: 8.032 ppbv

RT: 3.931 min Scan# 413

Delta R.T. 0.003 min

Lab File: VL040299.D

Acq: 16 Mar 2023 17:15

Tgt Ion: 84 Resp: 459571

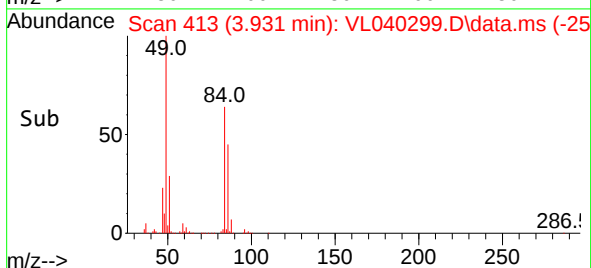
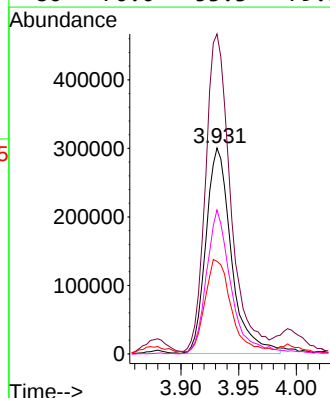
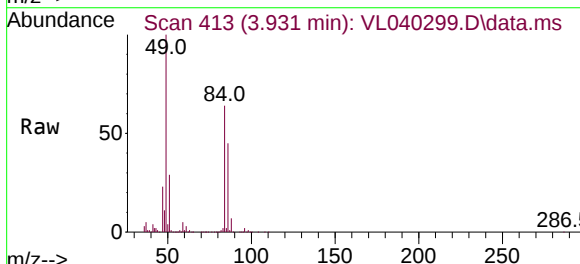
Ion Ratio Lower Upper

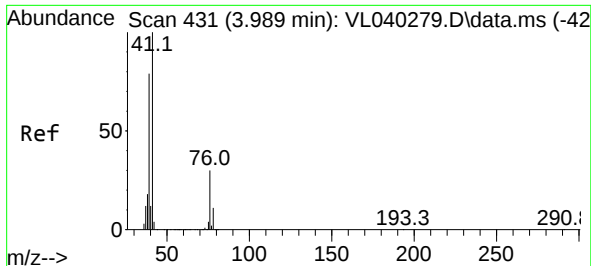
84 100

49 154.4 117.5 176.3

51 44.0 36.9 55.3

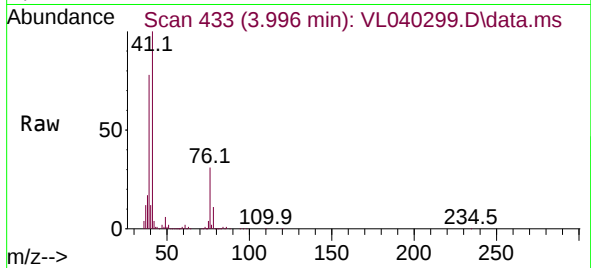
86 70.0 53.3 79.9





#21
 Allyl Chloride
 Concen: 9.440 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL040299.D
 Acq: 16 Mar 2023 17:15

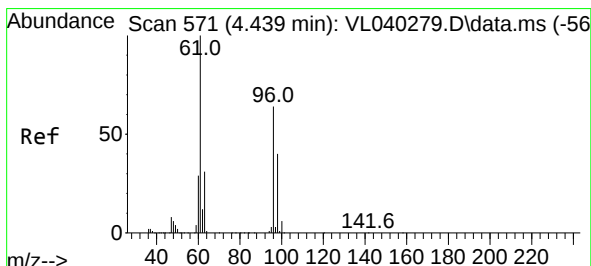
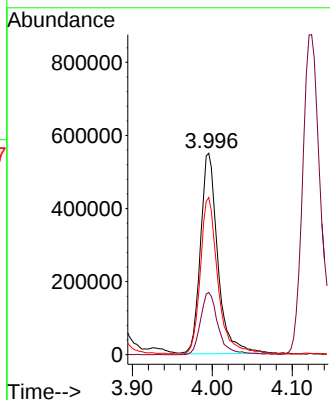
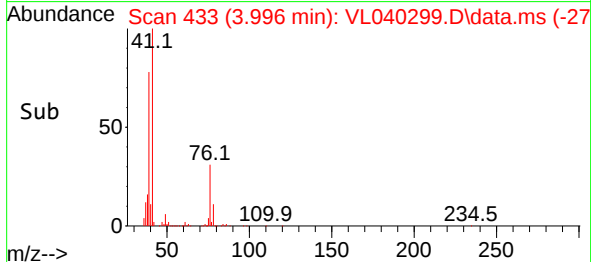
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 83164
 Ion Ratio Lower Upper
 41 100
 76 31.8 25.4 38.0
 39 79.3 65.4 98.2

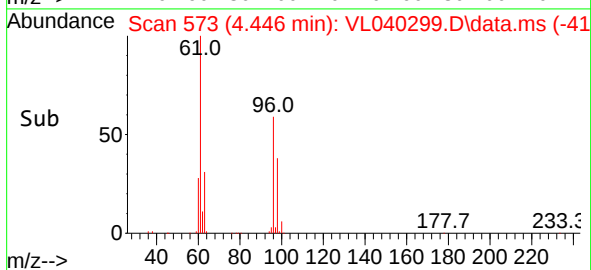
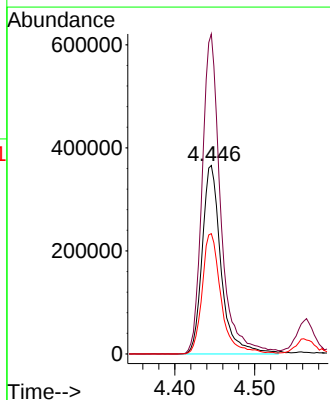
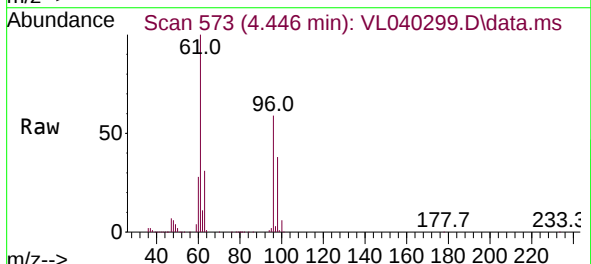
Manual Integrations
 APPROVED

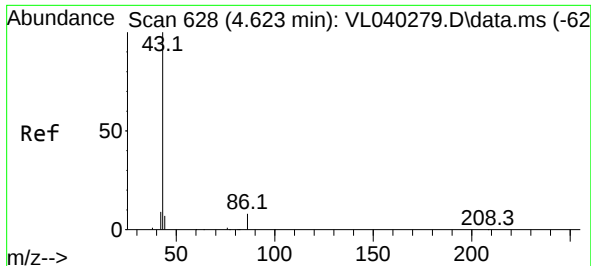
Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.275 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.007 min
 Lab File: VL040299.D
 Acq: 16 Mar 2023 17:15

Tgt Ion: 96 Resp: 604028
 Ion Ratio Lower Upper
 96 100
 61 169.8 125.4 188.2
 98 63.8 49.8 74.6





#23
 Vinyl Acetate
 Concen: 10.308 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL040299.D
 Acq: 16 Mar 2023 17:15

Instrument :

MSVOA_L

ClientSampleId :

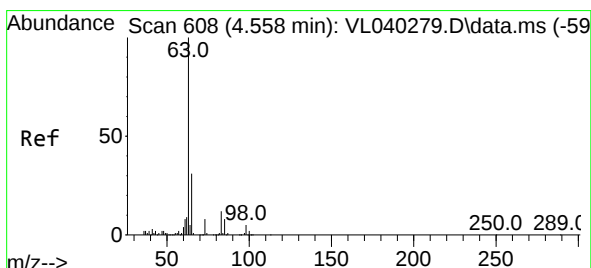
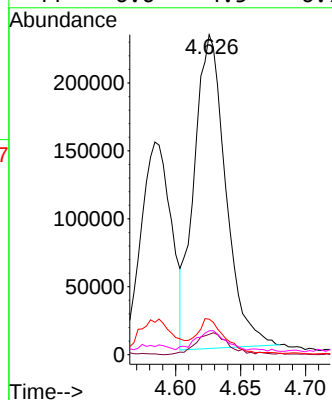
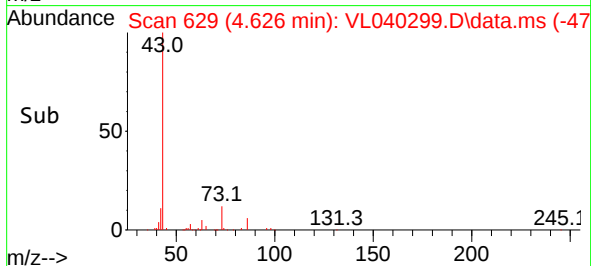
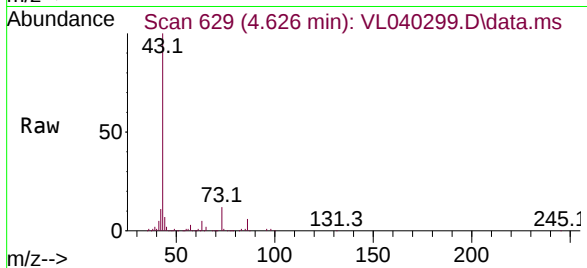
VSTDCCC010EC

Tgt Ion: 43 Resp: 390030
 Ion Ratio Lower Upper
 43 100
 86 6.0 5.0 7.4
 42 11.1 9.1 13.7
 44 6.6 4.5 6.7

Manual Integrations

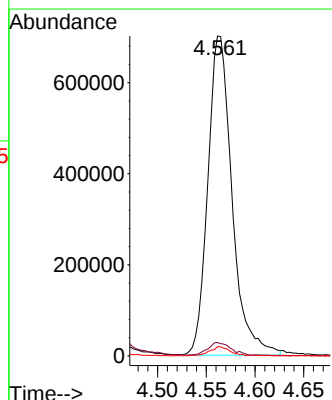
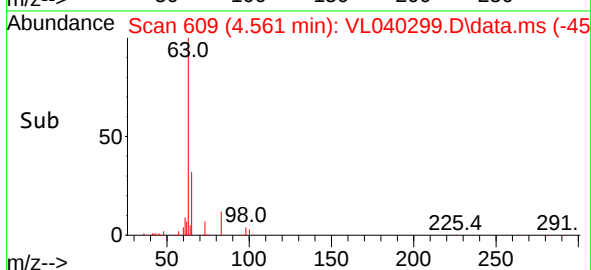
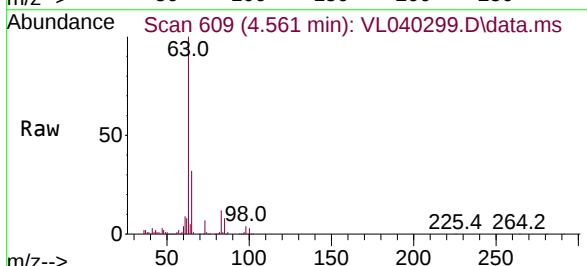
APPROVED

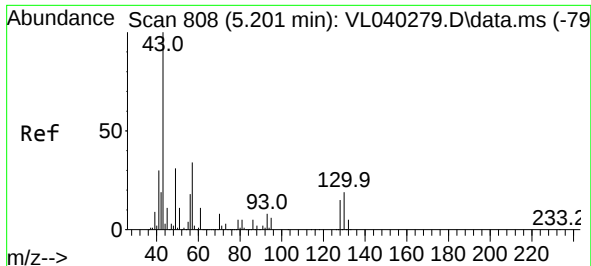
Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#24
 1,1-Dichloroethane
 Concen: 8.990 ppbv
 RT: 4.561 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040299.D
 Acq: 16 Mar 2023 17:15

Tgt Ion: 63 Resp: 1213300
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.4 7.2
 100 2.8 1.2 3.6





#25
Ethyl Acetate
Concen: 9.361 ppbv
RT: 5.205 min Scan# 808
Delta R.T. 0.004 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Instrument :

MSVOA_L

ClientSampleId :

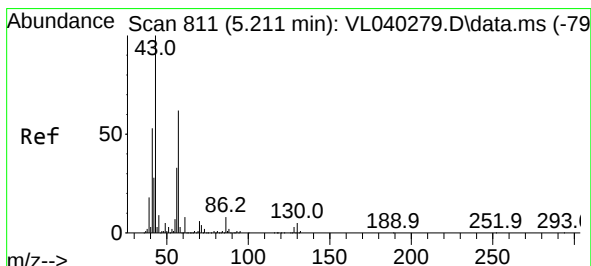
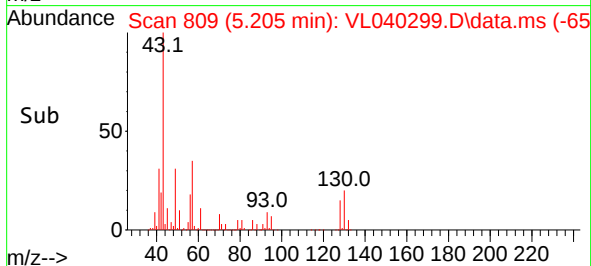
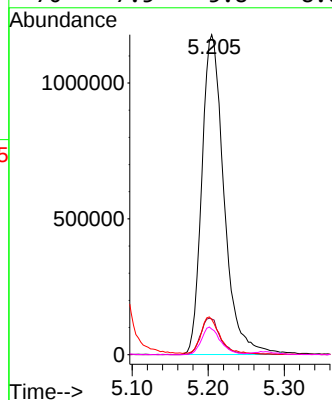
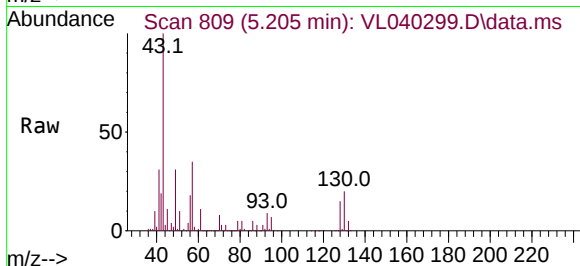
VSTDCCC010EC

Tgt Ion: 43 Resp: 238370
Ion Ratio Lower Upper
43 100
45 10.6 8.6 12.8
61 10.3 8.4 12.6
70 7.5 5.8 8.6

Manual Integrations

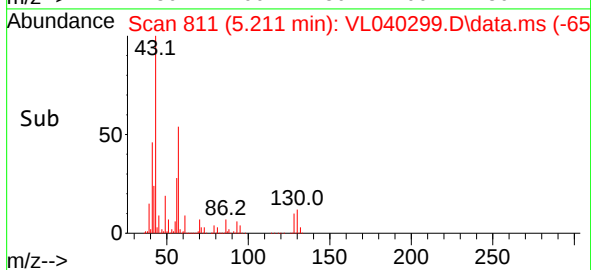
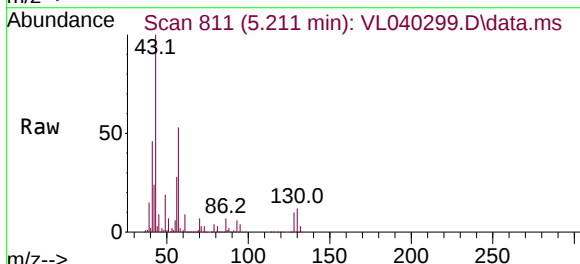
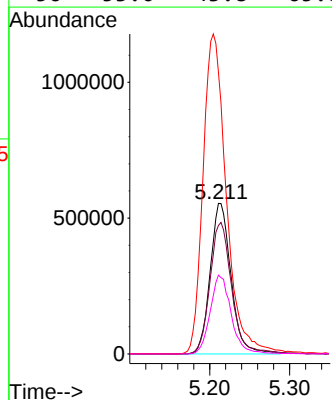
APPROVED

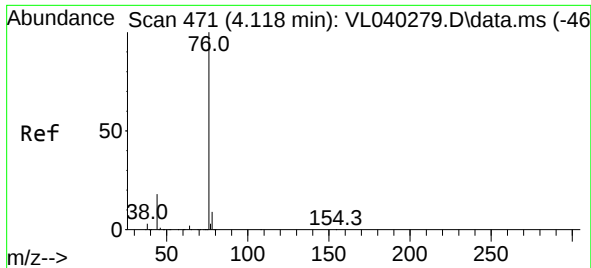
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#26
Hexane
Concen: 9.598 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Tgt Ion: 57 Resp: 1003230
Ion Ratio Lower Upper
57 100
41 91.5 73.5 110.3
43 239.5 196.3 294.5
56 53.0 43.8 65.8





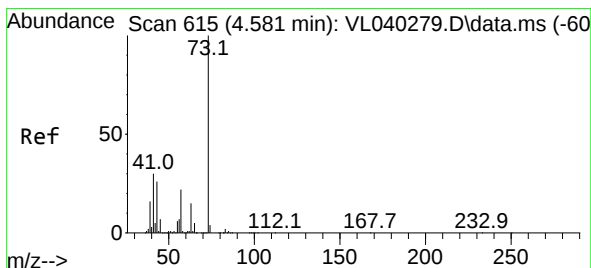
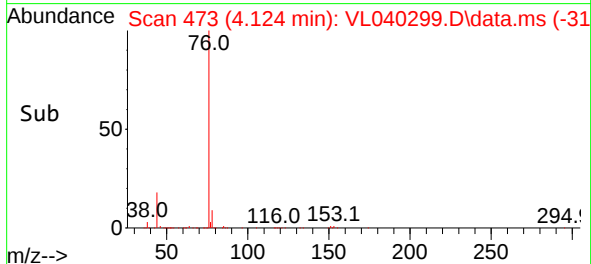
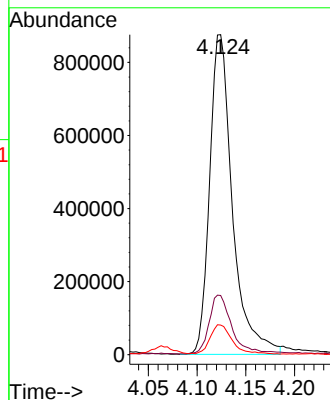
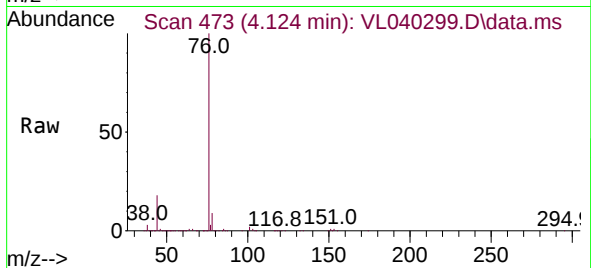
#27
Carbon Disulfide
Concen: 9.754 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 142400
Ion Ratio Lower Upper
76 100
44 19.1 15.2 22.8
78 9.5 7.6 11.4

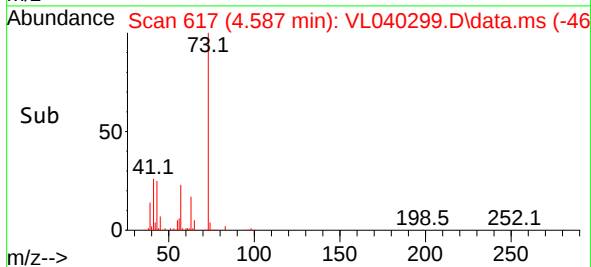
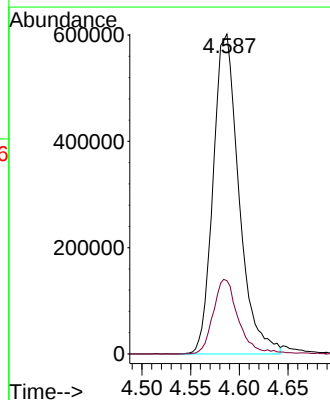
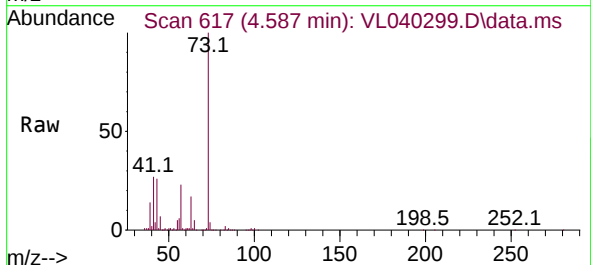
Manual Integrations
APPROVED

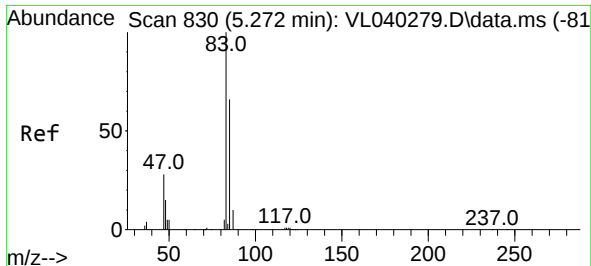
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#28
Methyl tert-Butyl Ether
Concen: 9.250 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Tgt Ion: 73 Resp: 1110089
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6





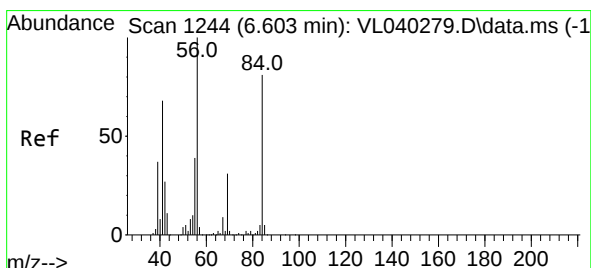
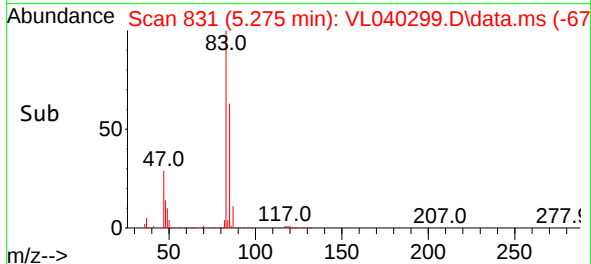
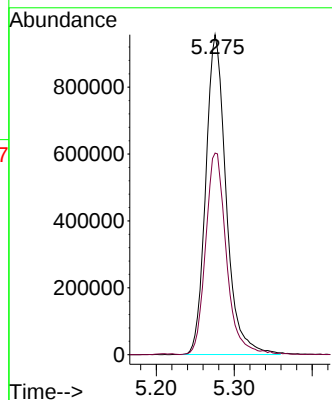
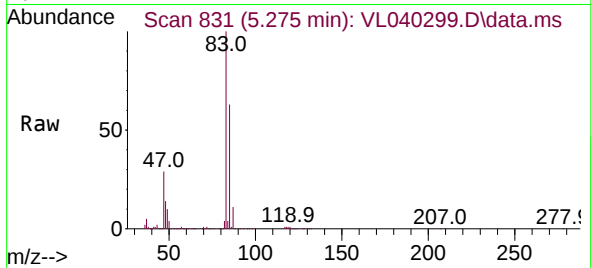
#29
Chloroform
Concen: 9.410 ppbv
RT: 5.275 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 173684
Ion Ratio Lower Upper
83 100
85 63.0 52.8 79.2

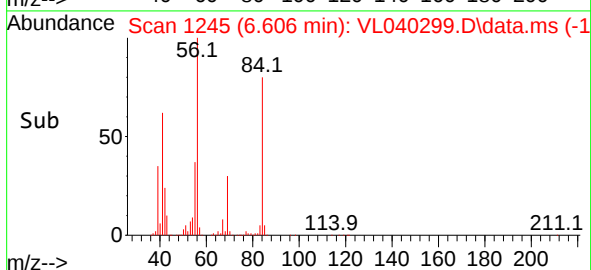
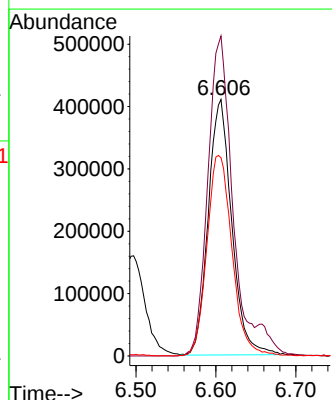
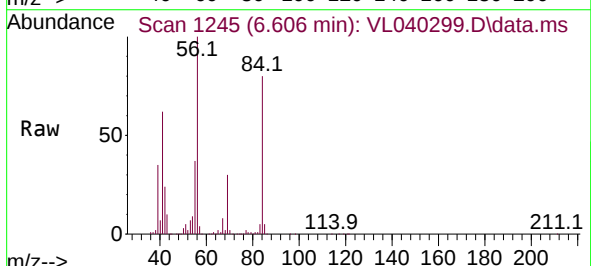
Manual Integrations
APPROVED

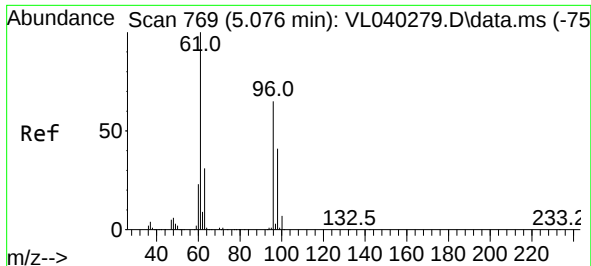
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#30
Cyclohexane
Concen: 10.188 ppbv
RT: 6.606 min Scan# 1245
Delta R.T. 0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Tgt Ion: 84 Resp: 839091
Ion Ratio Lower Upper
84 100
56 136.1 109.0 163.4
41 83.7 67.9 101.9





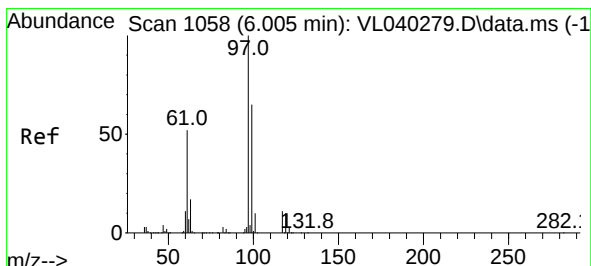
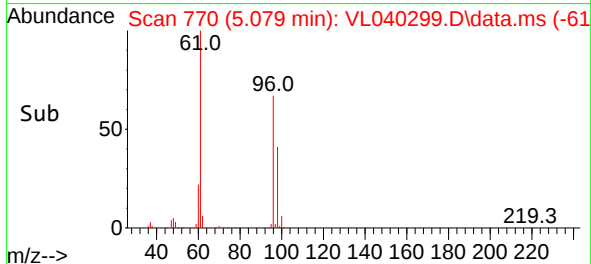
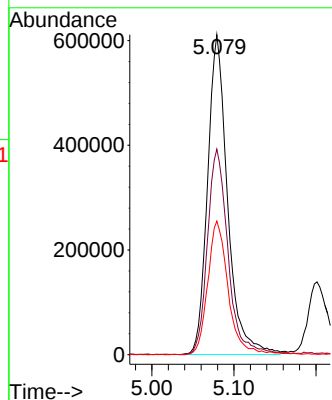
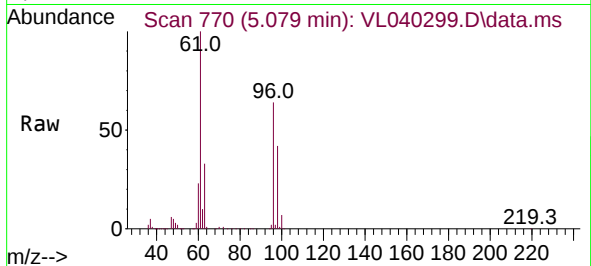
#31
 cis-1,2-Dichloroethene
 Concen: 10.187 ppbv
 RT: 5.079 min Scan# 769
 Delta R.T. 0.003 min
 Lab File: VL040299.D
 Acq: 16 Mar 2023 17:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 61 Resp: 103691
 Ion Ratio Lower Upper
 61 100
 96 64.2 51.8 77.8
 98 41.8 32.5 48.7

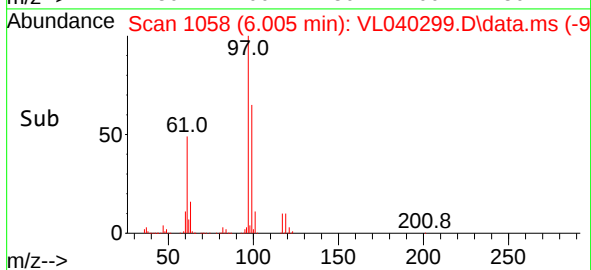
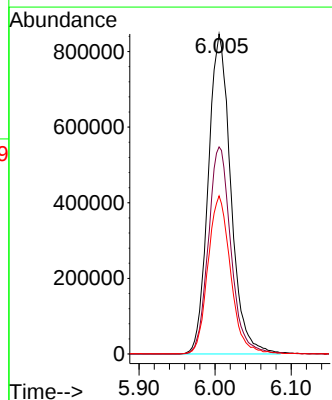
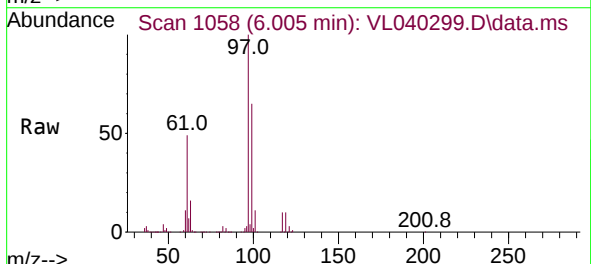
Manual Integrations
 APPROVED

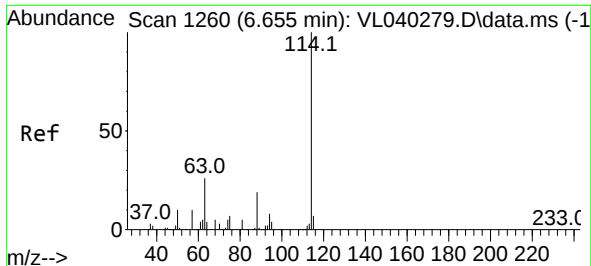
Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.878 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VL040299.D
 Acq: 16 Mar 2023 17:15

Tgt Ion: 97 Resp: 1746596
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.2 78.2
 61 49.8 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040299.D

Acq: 16 Mar 2023 17:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 281848

Ion Ratio Lower Upper

114 100

63 26.1 21.2 31.8

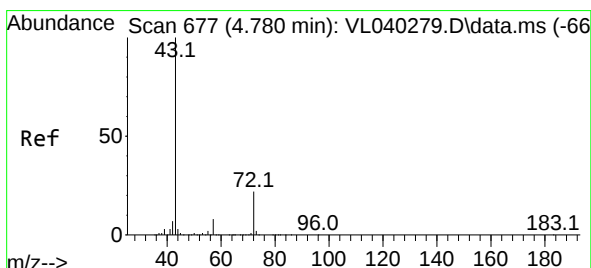
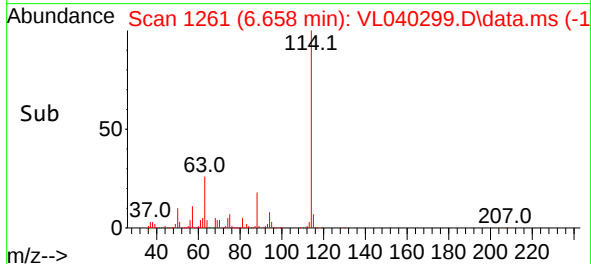
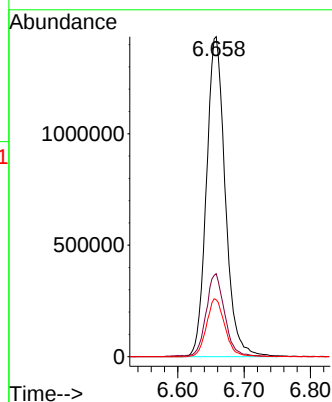
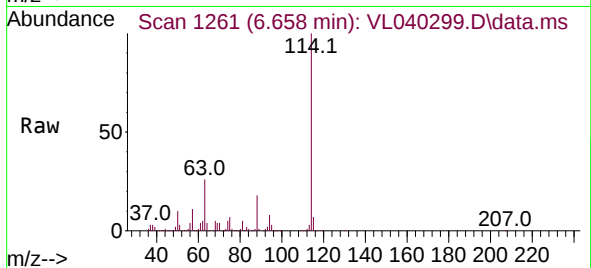
88 17.8 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#34

2-Butanone

Concen: 9.514 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.007 min

Lab File: VL040299.D

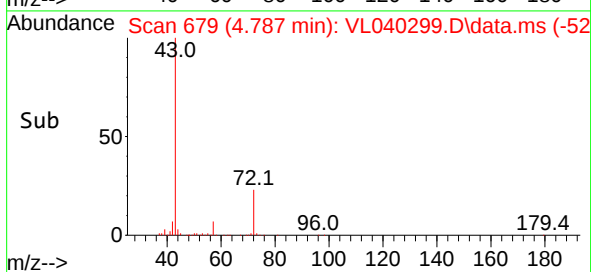
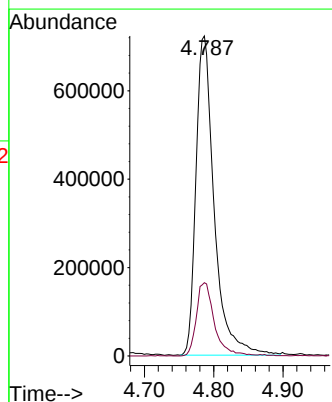
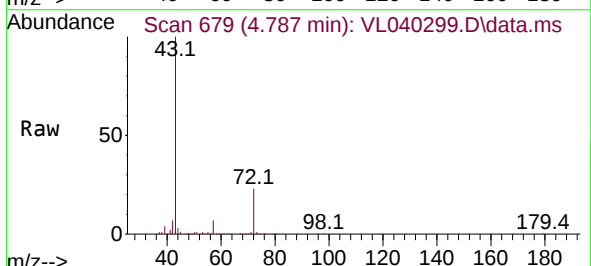
Acq: 16 Mar 2023 17:15

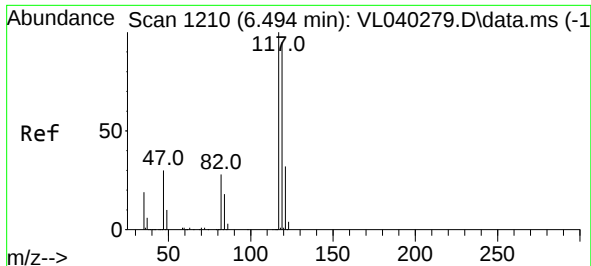
Tgt Ion: 43 Resp: 1323429

Ion Ratio Lower Upper

43 100

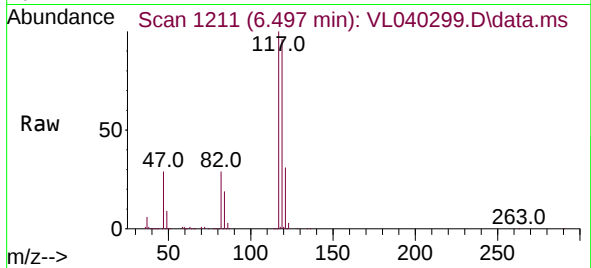
72 23.0 18.3 27.5





#35
Carbon Tetrachloride
Concen: 10.176 ppbv
RT: 6.497 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

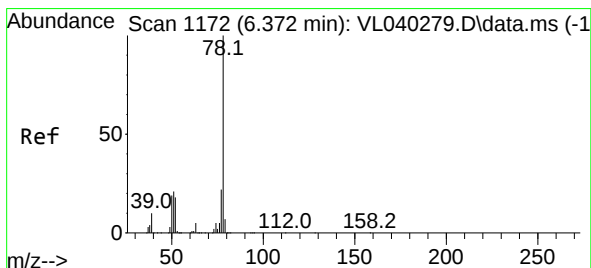
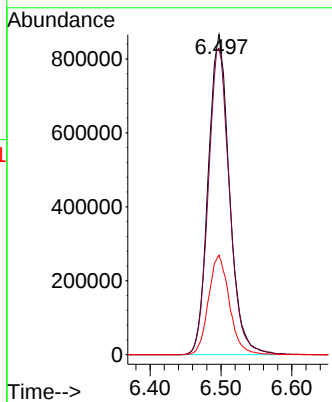
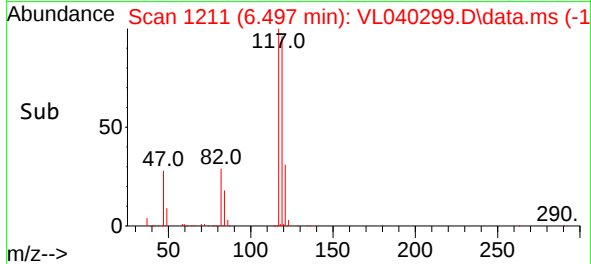
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 1799850
Ion Ratio Lower Upper
117 100
119 95.7 76.4 114.6
121 31.1 25.6 38.4

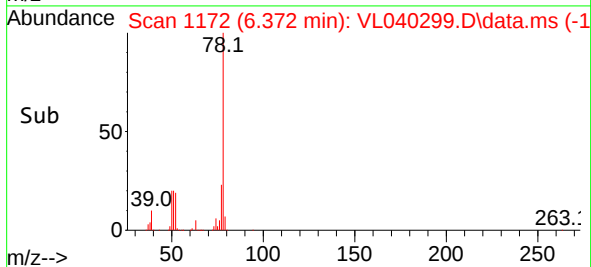
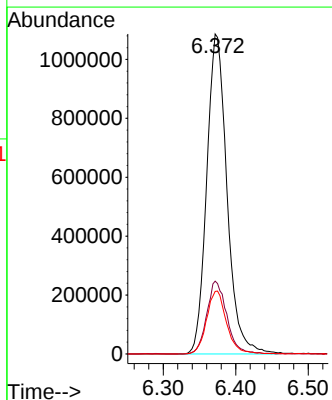
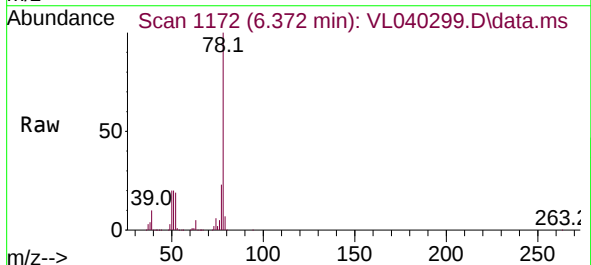
Manual Integrations
APPROVED

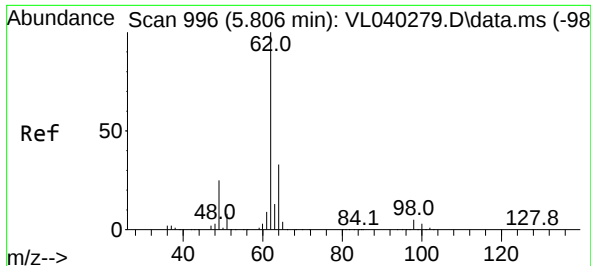
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#36
Benzene
Concen: 9.838 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Tgt Ion: 78 Resp: 2113264
Ion Ratio Lower Upper
78 100
77 22.7 17.8 26.8
50 19.5 15.4 23.2





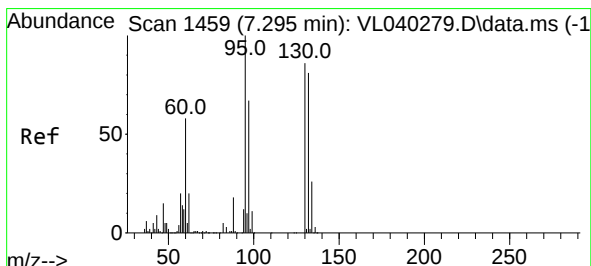
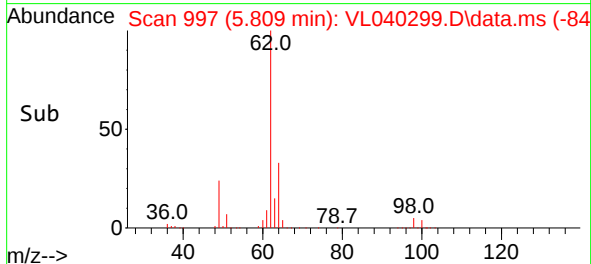
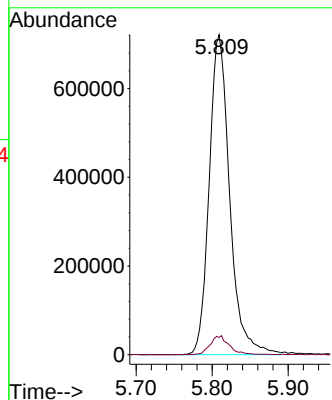
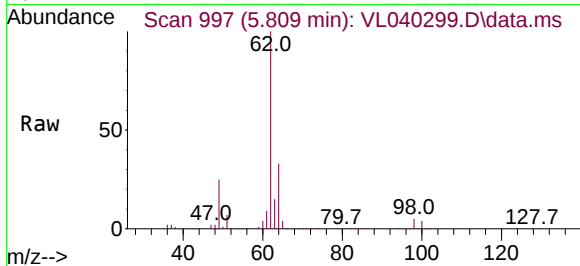
#37
1,2-Dichloroethane
Concen: 9.655 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 134980
Ion Ratio Lower Upper
62 100
98 5.7 4.3 6.5

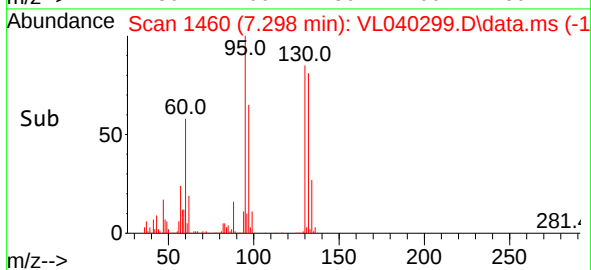
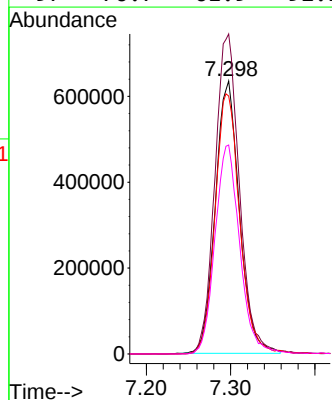
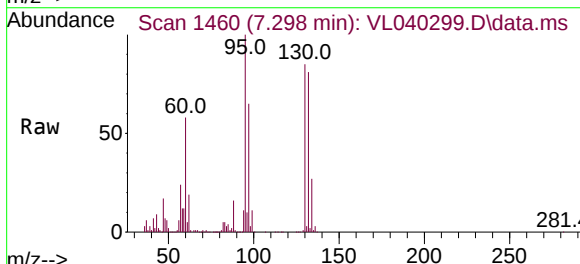
Manual Integrations
APPROVED

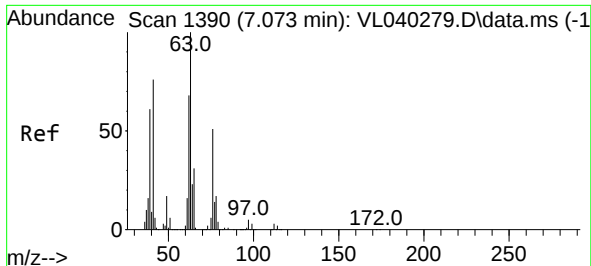
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#38
Trichloroethene
Concen: 10.764 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Tgt Ion:130 Resp: 1263452
Ion Ratio Lower Upper
130 100
95 117.4 93.0 139.4
132 94.6 75.3 112.9
97 76.7 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.619 ppbv

RT: 7.079 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040299.D

Acq: 16 Mar 2023 17:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 81055

Ion Ratio Lower Upper

63 100

41 73.1 60.8 91.2

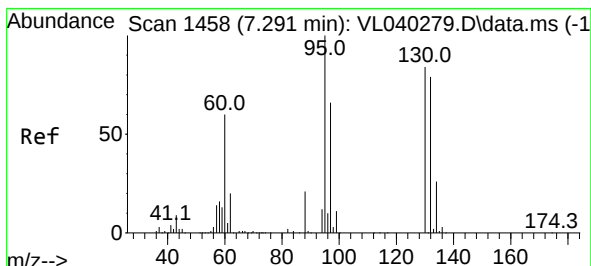
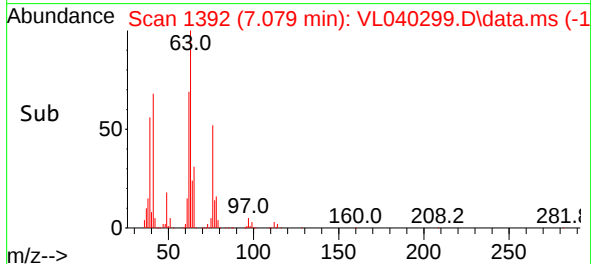
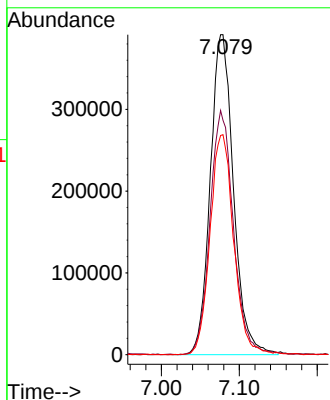
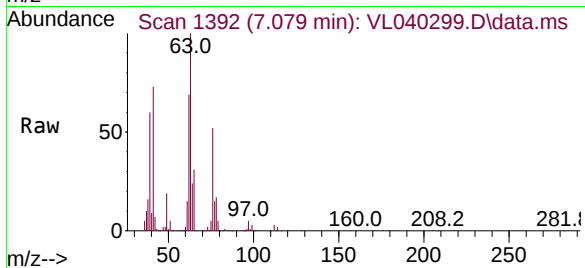
62 68.7 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#40

1,4-Dioxane

Concen: 9.164 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.006 min

Lab File: VL040299.D

Acq: 16 Mar 2023 17:15

Tgt Ion: 88 Resp: 305521

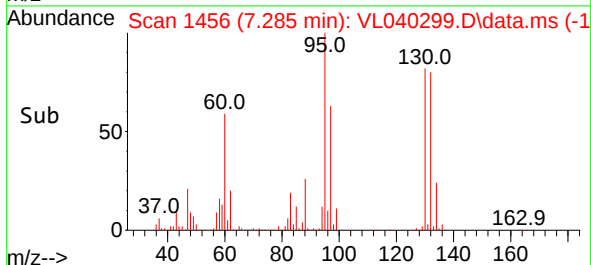
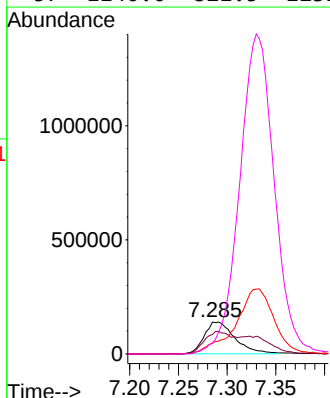
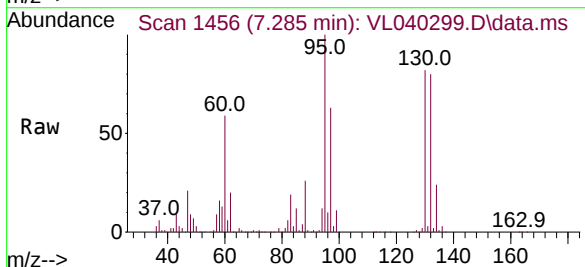
Ion Ratio Lower Upper

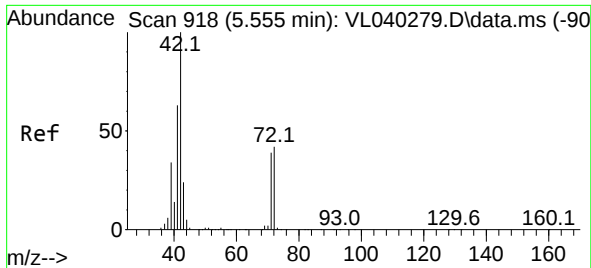
88 100

58 122.0 96.0 144.0

43 257.3 187.6 281.4

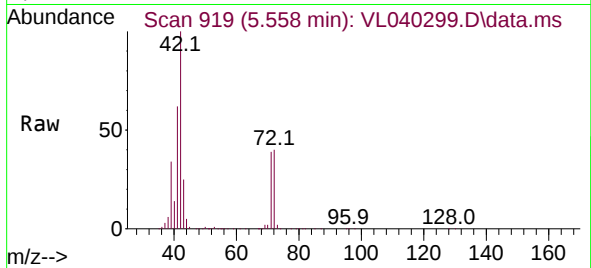
57 1140.0 821.5 1232.3





#41
Tetrahydrofuran
Concen: 10.070 ppbv
RT: 5.558 min Scan# 918
Delta R.T. 0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

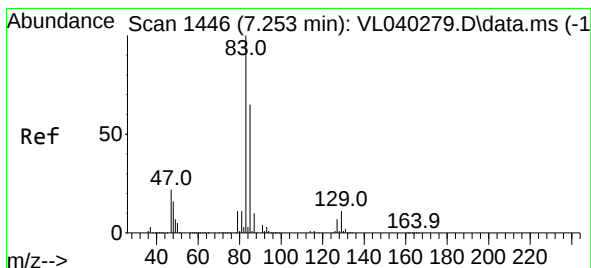
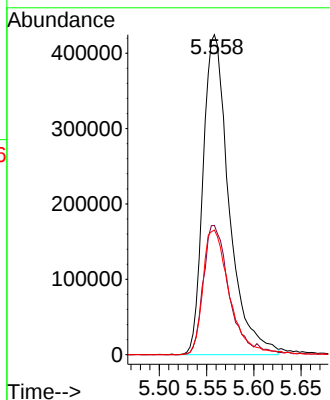
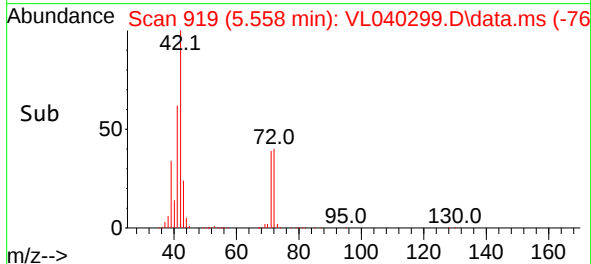
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 808452
Ion Ratio Lower Upper
42 100
72 41.4 32.6 49.0
71 40.6 31.0 46.4

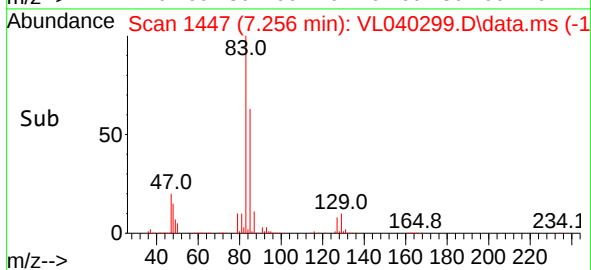
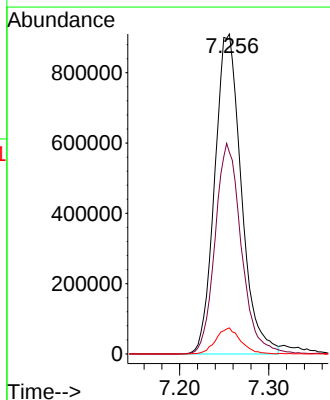
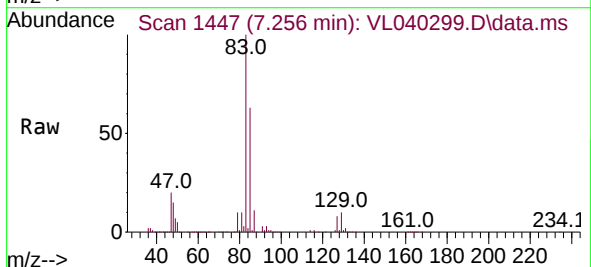
Manual Integrations
APPROVED

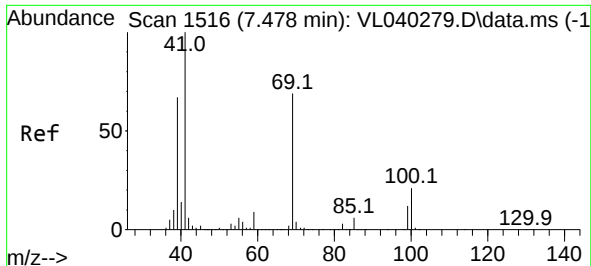
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#42
Bromodichloromethane
Concen: 9.902 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

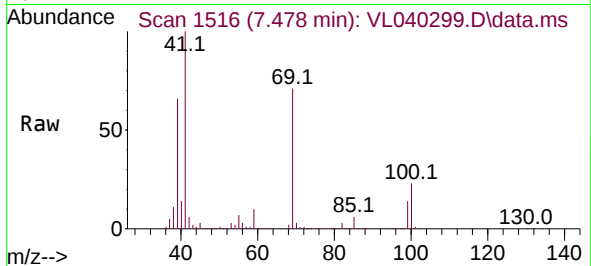
Tgt Ion: 83 Resp: 1891741
Ion Ratio Lower Upper
83 100
85 63.0 52.1 78.1
127 8.1 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.611 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

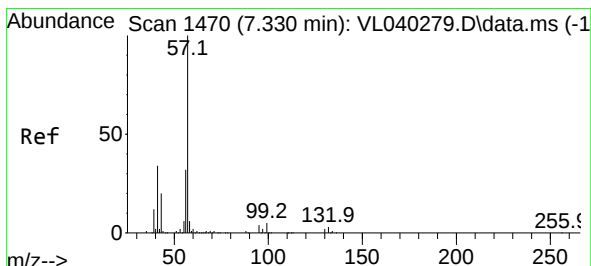
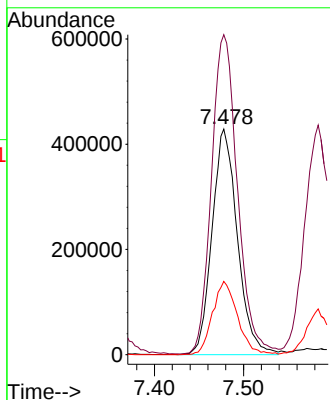
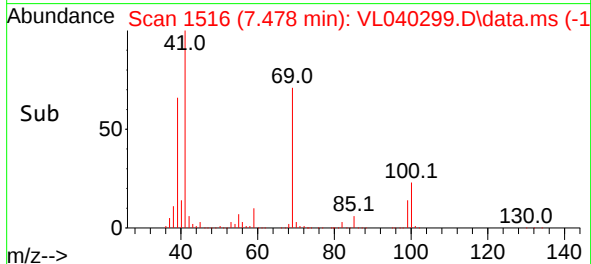
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



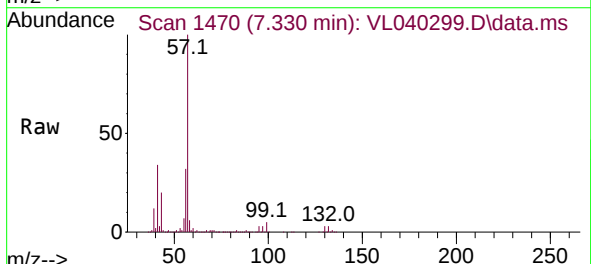
Tgt Ion: 69 Resp: 846955
Ion Ratio Lower Upper
69 100
41 145.8 116.9 175.3
100 32.1 24.2 36.4

Manual Integrations
APPROVED

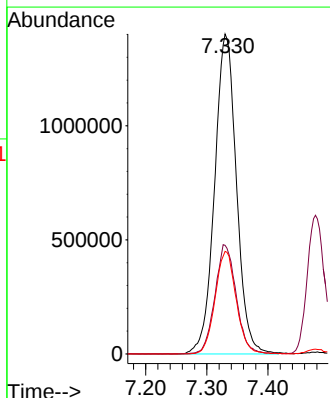
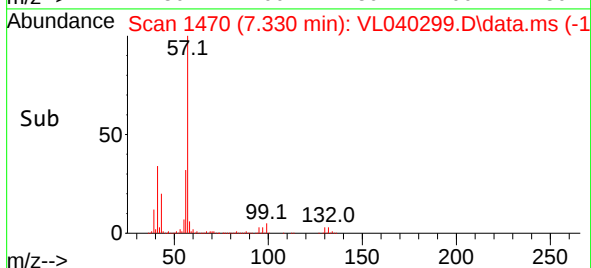
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

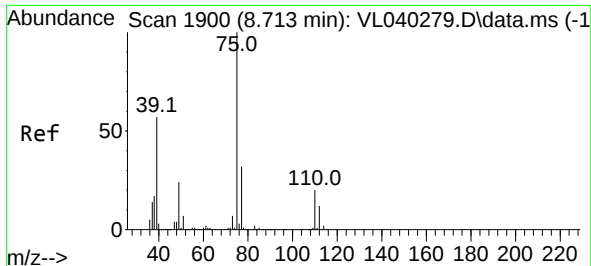


#44
2,2,4-Trimethylpentane
Concen: 9.713 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15



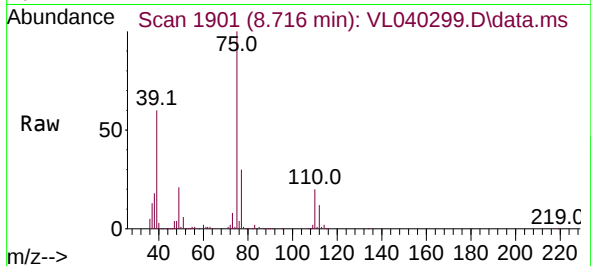
Tgt Ion: 57 Resp: 3478627
Ion Ratio Lower Upper
57 100
41 33.2 26.8 40.2
56 31.0 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 12.201 ppbv
RT: 8.716 min Scan# 1901
Delta R.T. 0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

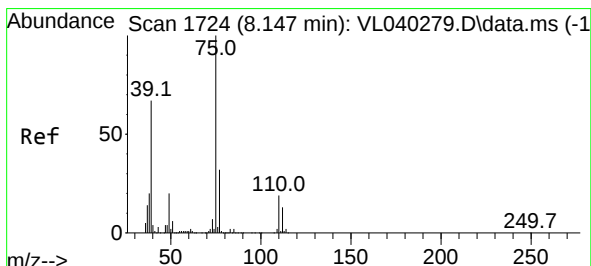
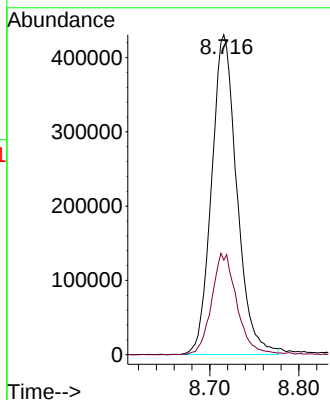
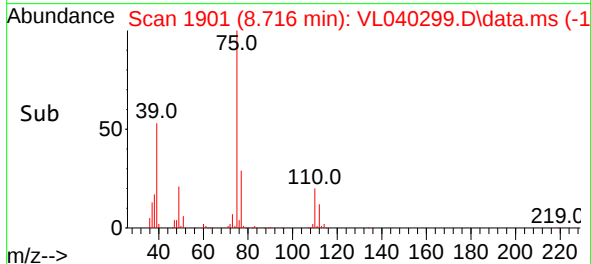
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 84898
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.0

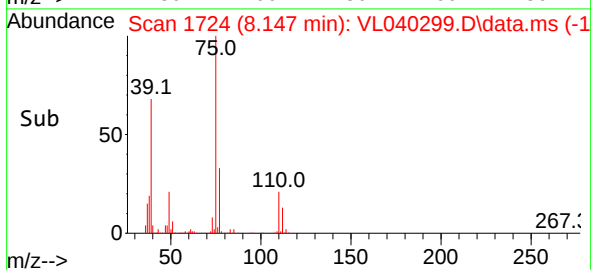
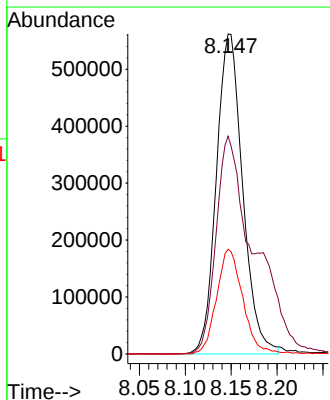
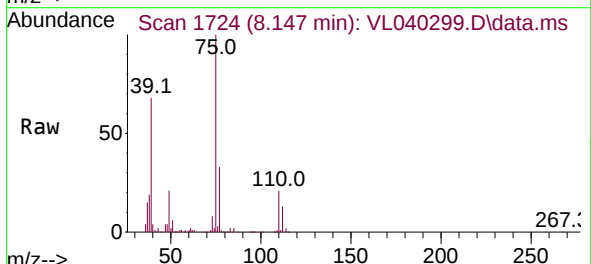
Manual Integrations
APPROVED

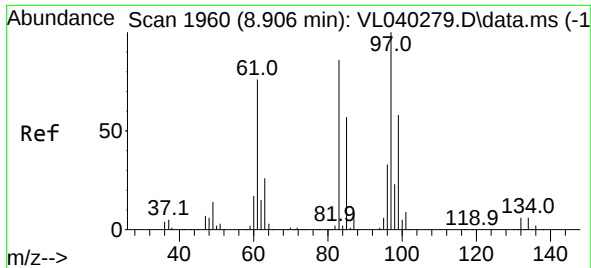
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#46
cis-1,3-Dichloropropene
Concen: 11.359 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Tgt Ion: 75 Resp: 1122382
Ion Ratio Lower Upper
75 100
39 68.0 53.9 80.9
77 32.7 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 9.828 ppbv
RT: 8.905 min Scan# 1960
Delta R.T. -0.001 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Instrument :

MSVOA_L

ClientSampleId :

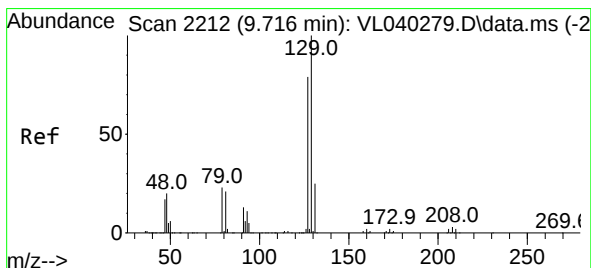
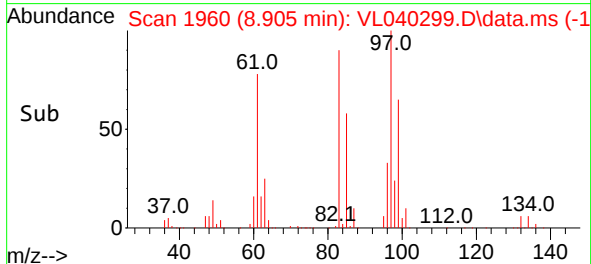
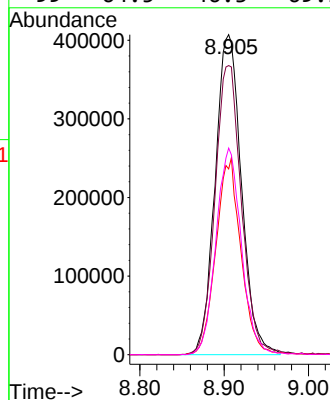
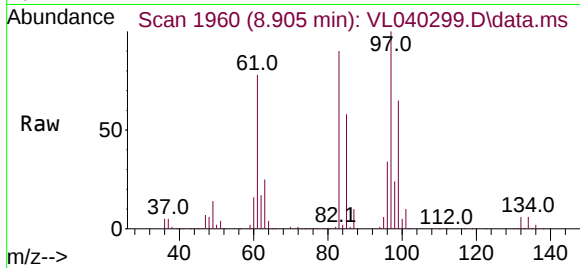
VSTDCCC010EC

Tgt Ion: 97 Resp: 883704
Ion Ratio Lower Upper
97 100
83 90.3 68.6 103.0
85 58.1 46.0 69.0
99 64.5 46.3 69.5

Manual Integrations

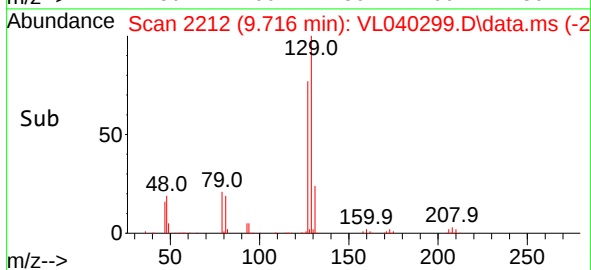
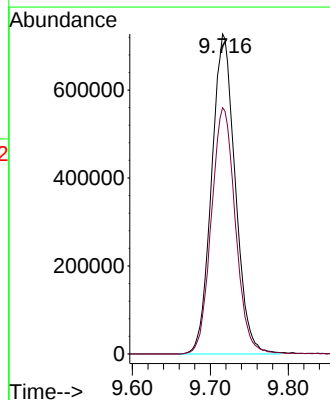
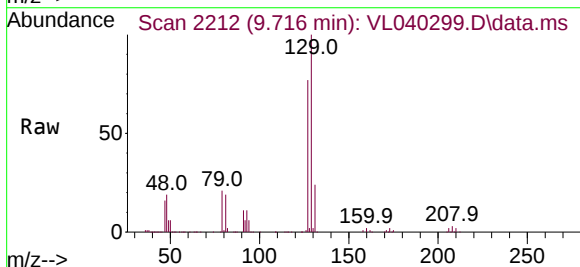
APPROVED

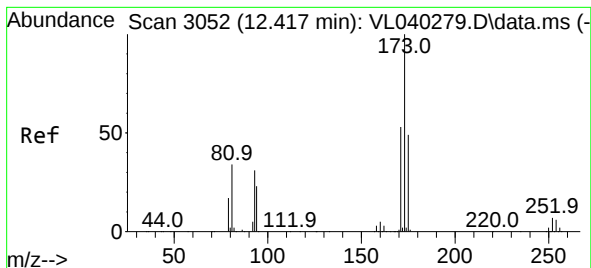
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#48
Dibromochloromethane
Concen: 10.374 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. -0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Tgt Ion:129 Resp: 1534937
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5





#49

Bromoform

Concen: 10.590 ppbv

RT: 12.416 min Scan# 3052

Delta R.T. -0.001 min

Lab File: VL040299.D

Acq: 16 Mar 2023 17:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 117689

Ion Ratio Lower Upper

173 100

175 49.8 39.8 59.8

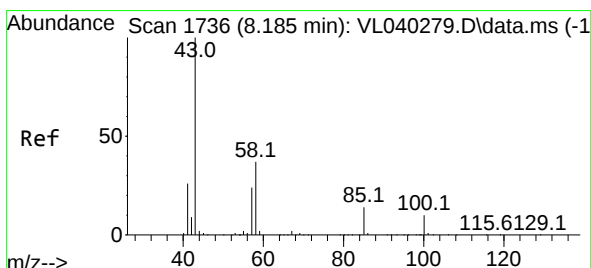
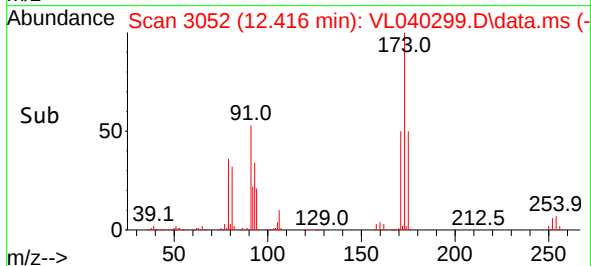
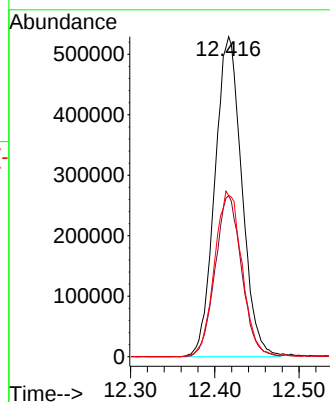
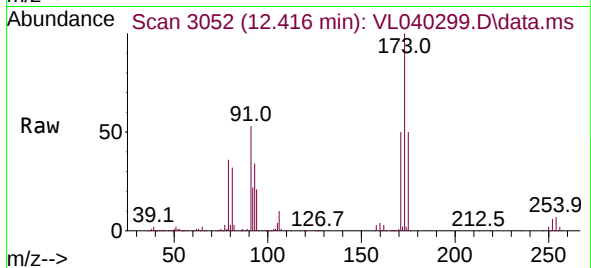
171 53.0 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#50

4-Methyl-2-Pentanone

Concen: 10.115 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. -0.003 min

Lab File: VL040299.D

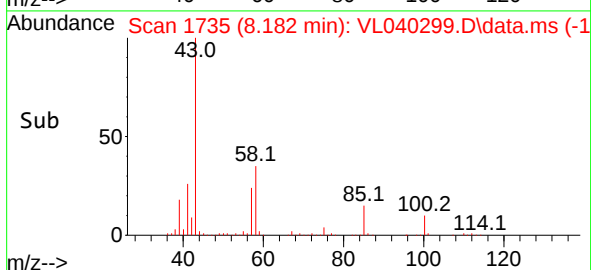
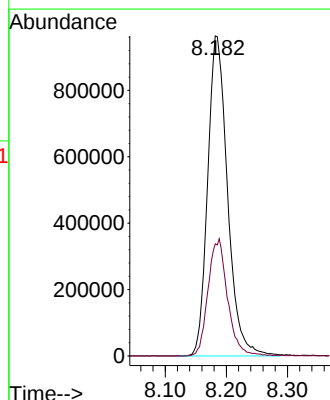
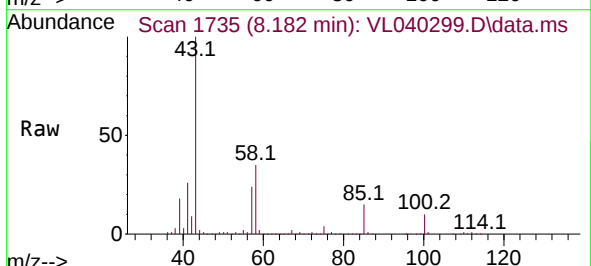
Acq: 16 Mar 2023 17:15

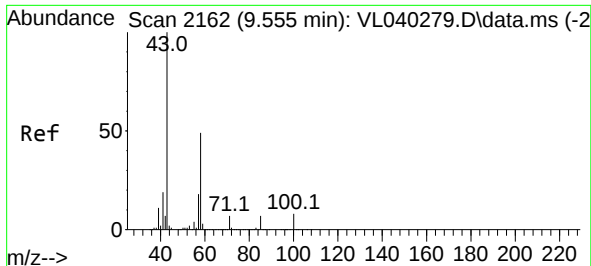
Tgt Ion: 43 Resp: 2177319

Ion Ratio Lower Upper

43 100

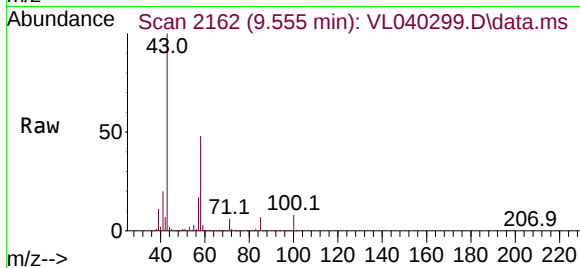
58 36.0 29.2 43.8





#51
2-Hexanone
Concen: 10.299 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

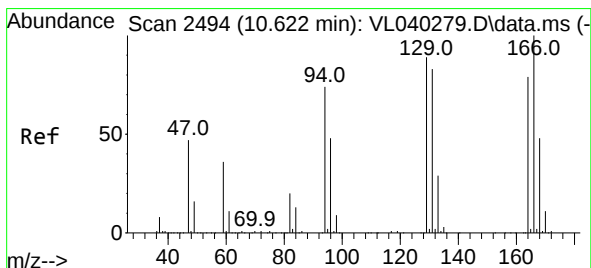
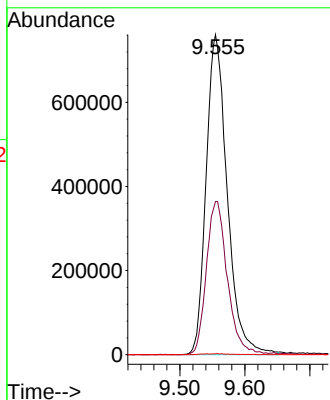
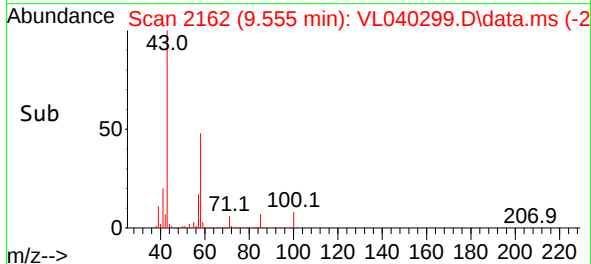
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1717529
Ion Ratio Lower Upper
43 100
58 48.2 38.0 57.0
98 0.4 0.5 0.7

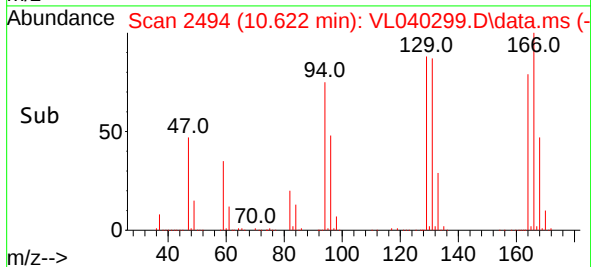
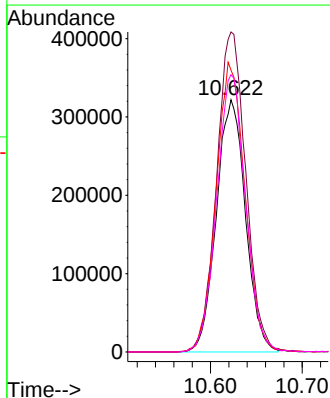
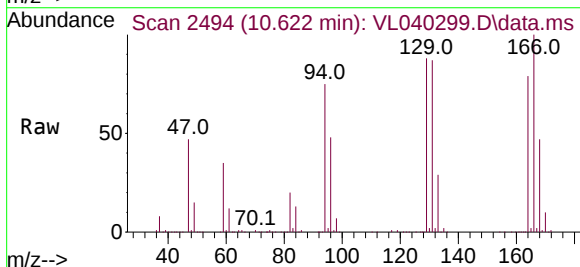
Manual Integrations
APPROVED

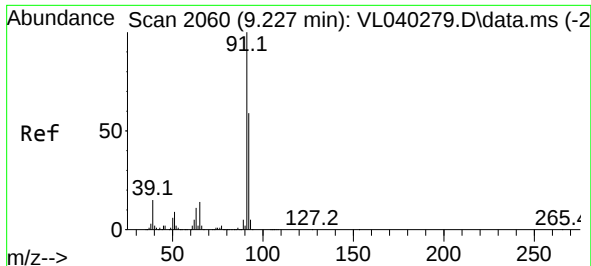
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#52
Tetrachloroethene
Concen: 10.914 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

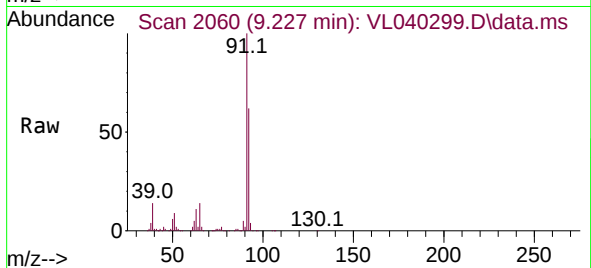
Tgt Ion:164 Resp: 709249
Ion Ratio Lower Upper
164 100
166 126.9 101.8 152.6
129 111.7 90.2 135.2
131 110.0 84.7 127.1





#53
Toluene
Concen: 10.696 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

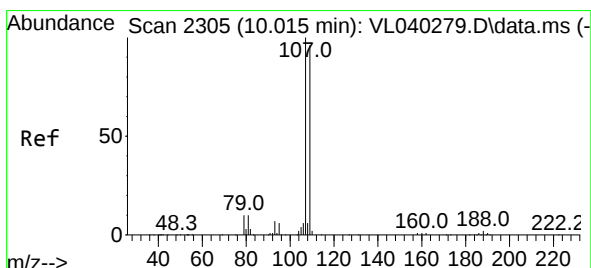
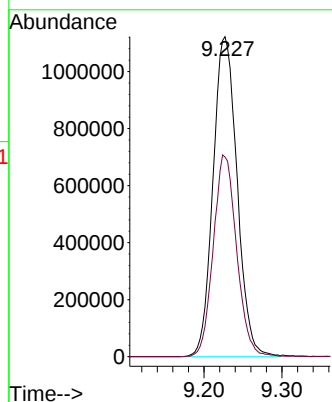
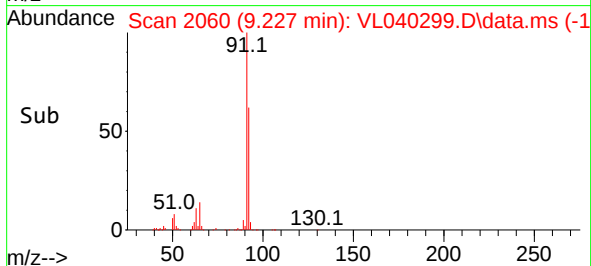
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



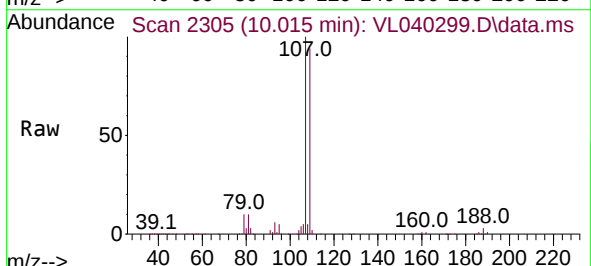
Tgt Ion: 91 Resp: 240766
Ion Ratio Lower Upper
91 100
92 61.3 48.0 72.0

Manual Integrations
APPROVED

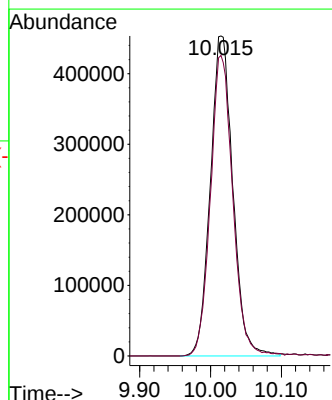
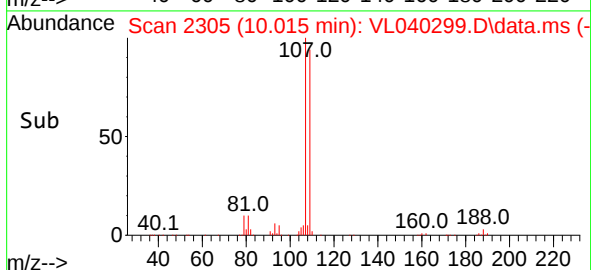
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

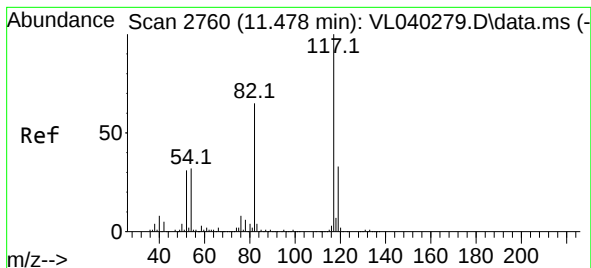


#54
1,2-Dibromoethane
Concen: 10.799 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15



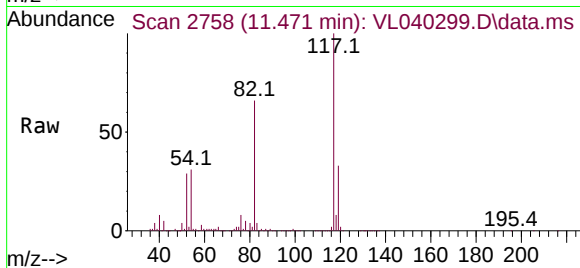
Tgt Ion:107 Resp: 999484
Ion Ratio Lower Upper
107 100
109 93.9 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

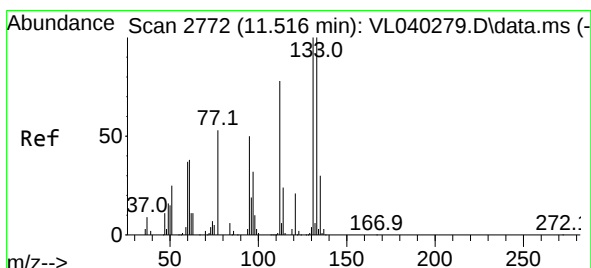
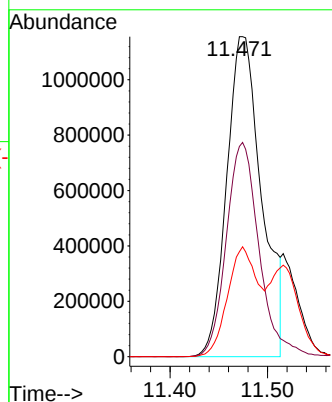
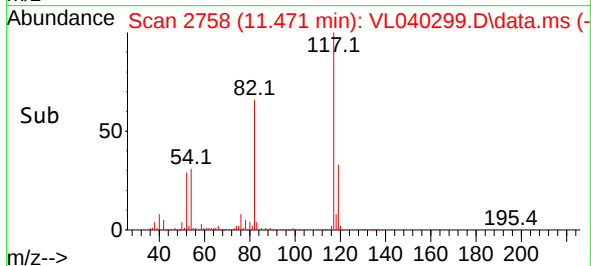
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 2878490
Ion Ratio Lower Upper
117 100
82 63.1 51.4 77.2
119 28.5 24.0 36.0

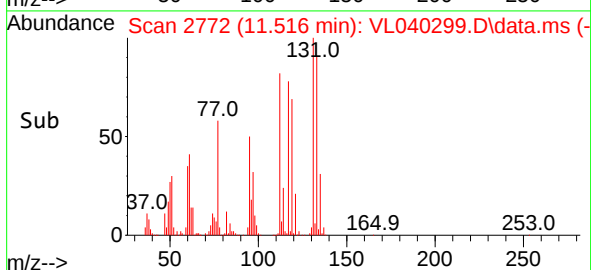
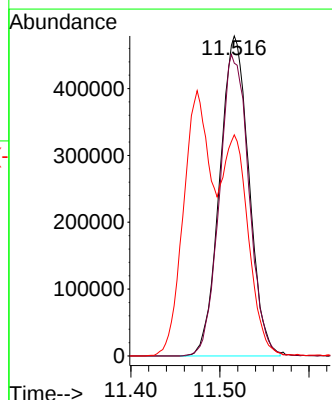
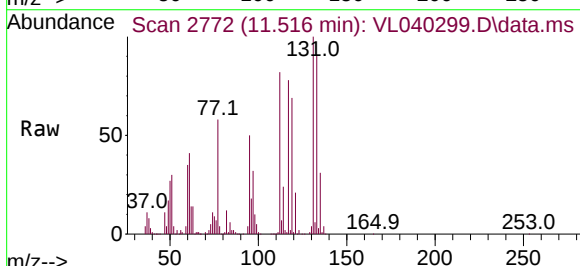
Manual Integrations
APPROVED

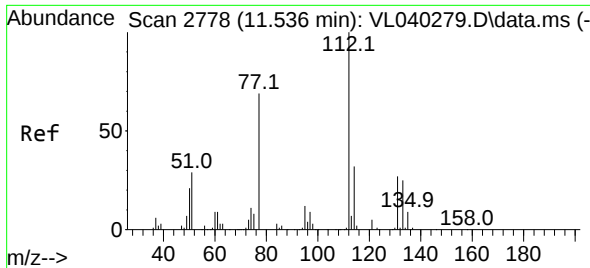
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.011 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

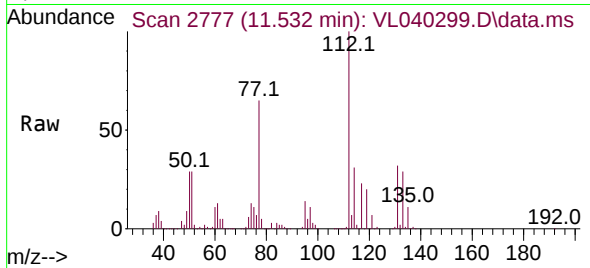
Tgt Ion:131 Resp: 1091135
Ion Ratio Lower Upper
131 100
133 95.1 76.5 114.7
119 58.1 47.9 71.9





#57
Chlorobenzene
Concen: 8.996 ppbv
RT: 11.532 min Scan# 2777
Delta R.T. -0.004 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

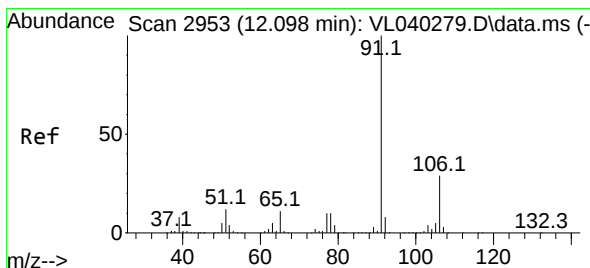
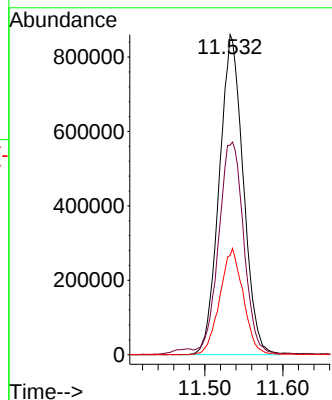
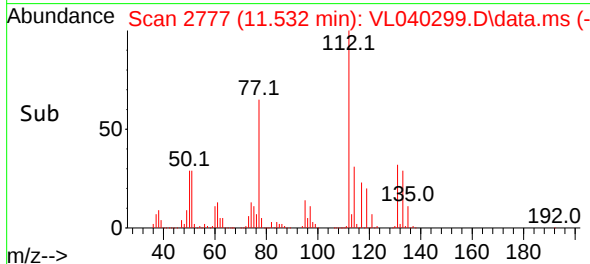
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 112 Resp: 184199
Ion Ratio Lower Upper
112 100
77 65.1 56.2 84.2
114 31.0 29.0 35.4

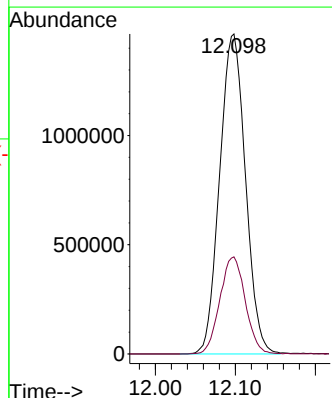
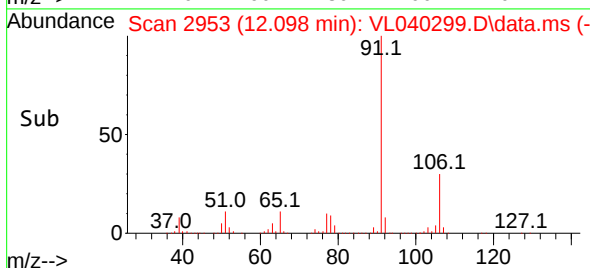
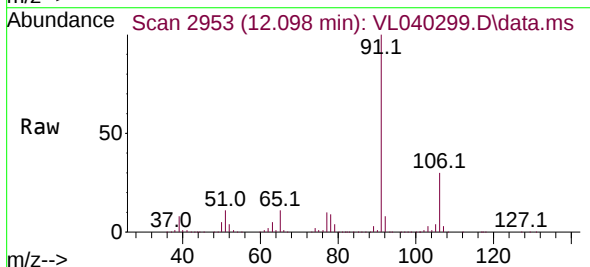
Manual Integrations
APPROVED

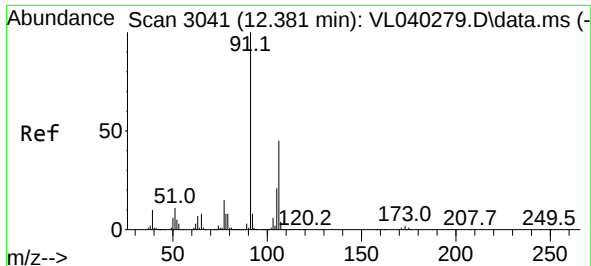
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#58
Ethyl Benzene
Concen: 9.998 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Tgt Ion: 91 Resp: 3277060
Ion Ratio Lower Upper
91 100
106 30.3 23.4 35.2





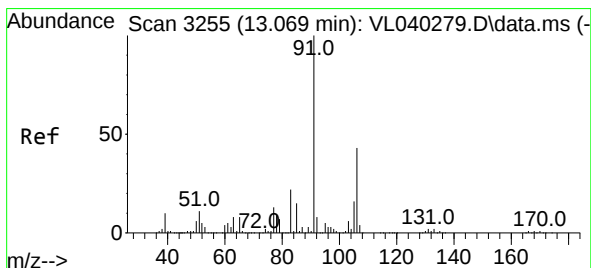
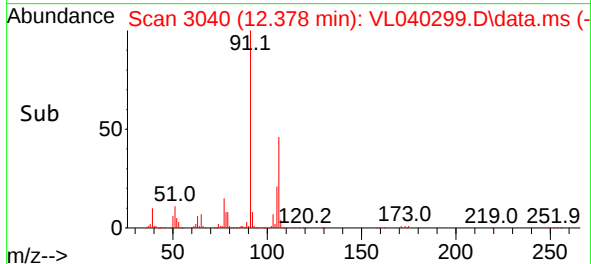
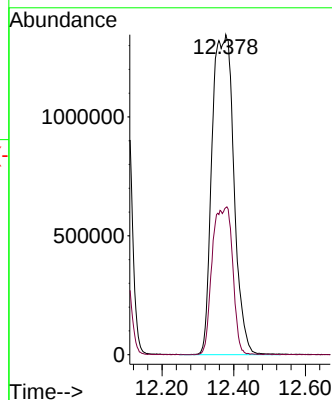
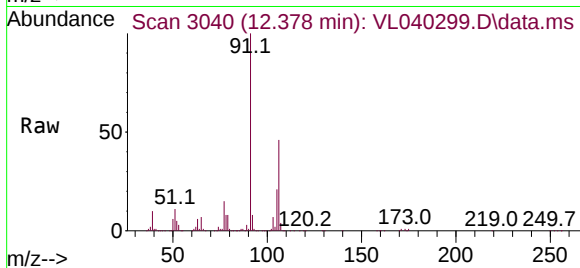
#59
m/p-Xylene
Concen: 18.940 ppbv m
RT: 12.378 min Scan# 3040
Delta R.T. -0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 568684
Ion Ratio Lower Upper
91 100
106 43.1 34.0 51.0

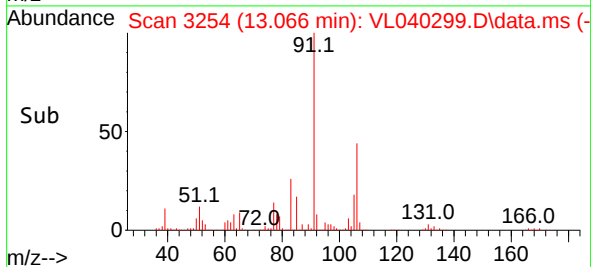
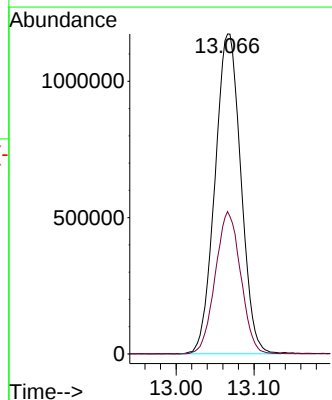
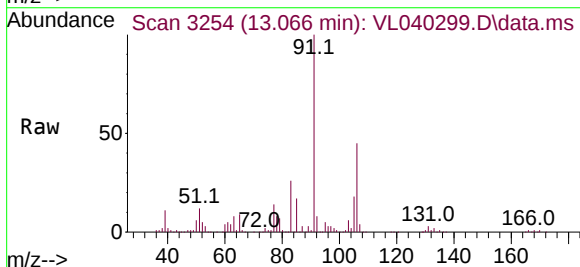
Manual Integrations
APPROVED

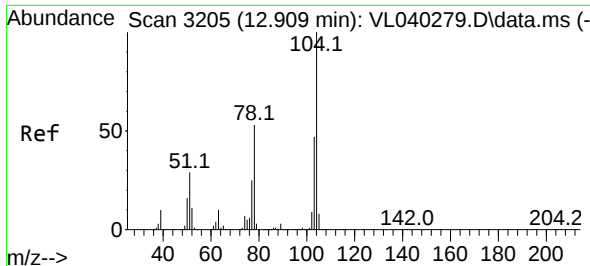
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#60
o-Xylene
Concen: 9.448 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

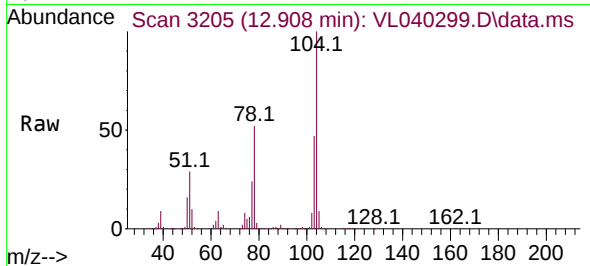
Tgt Ion: 91 Resp: 2711744
Ion Ratio Lower Upper
91 100
106 43.8 21.7 65.1





#61
Styrene
Concen: 10.678 ppbv
RT: 12.908 min Scan# 31
Delta R.T. -0.001 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

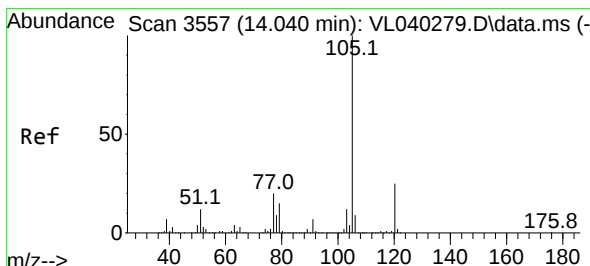
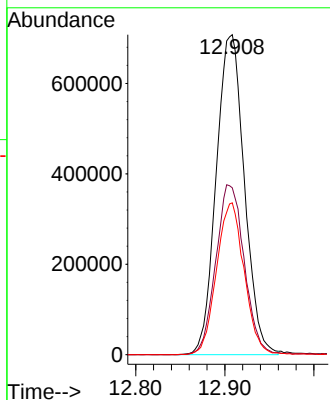
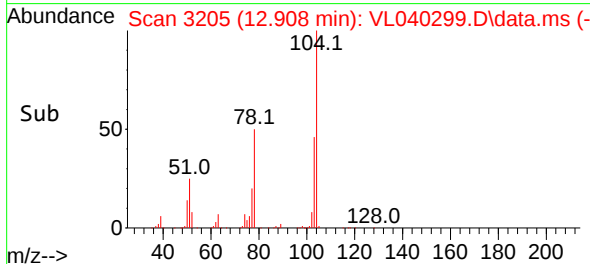
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



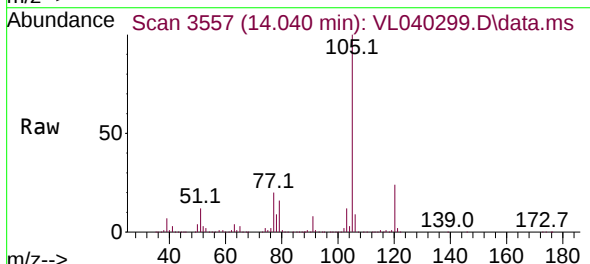
Tgt Ion:104 Resp: 155526
Ion Ratio Lower Upper
104 100
78 53.9 43.7 65.5
103 46.8 37.4 56.2

Manual Integrations
APPROVED

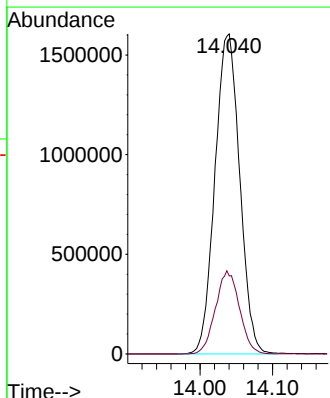
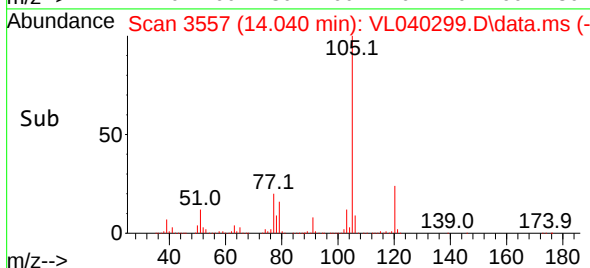
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

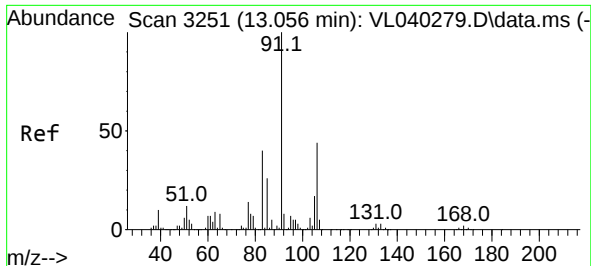


#62
Isopropylbenzene
Concen: 9.306 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. 0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15



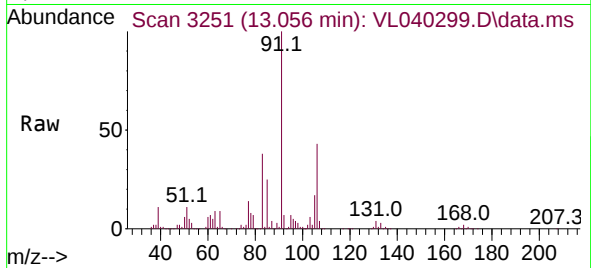
Tgt Ion:105 Resp: 3803865
Ion Ratio Lower Upper
105 100
120 25.1 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.371 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

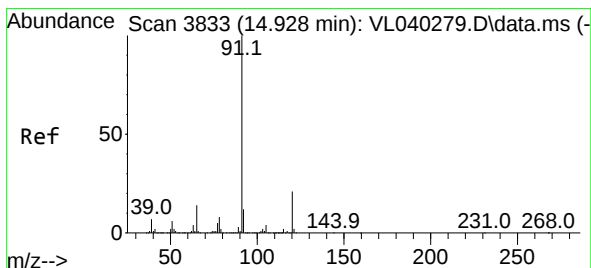
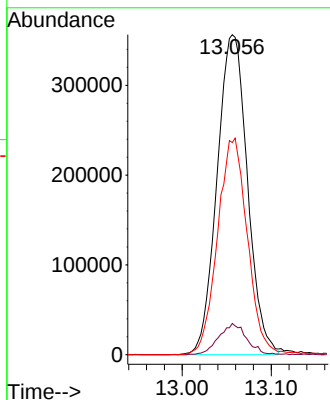
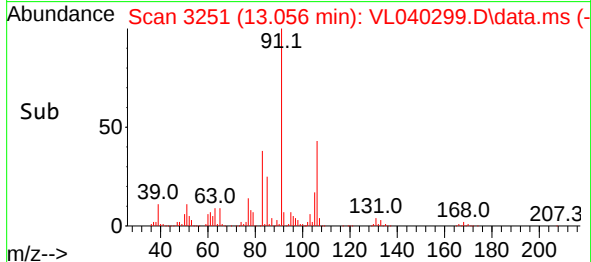
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



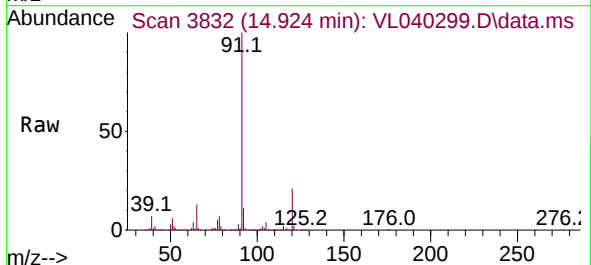
Tgt Ion: 83 Resp: 845419
Ion Ratio Lower Upper
83 100
131 9.1 4.3 12.9
85 67.0 32.7 98.1

Manual Integrations
APPROVED

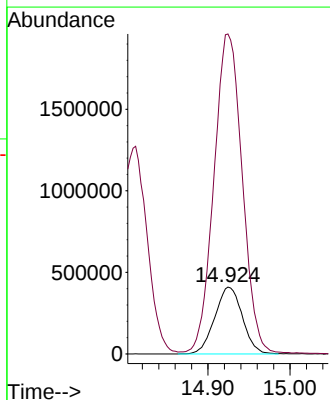
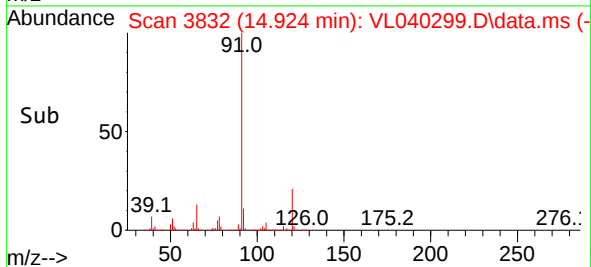
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

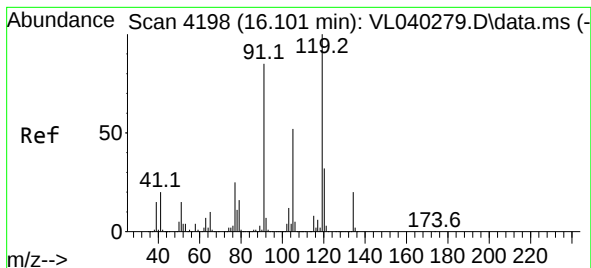


#64
n-propylbenzene
Concen: 9.593 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. -0.004 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15



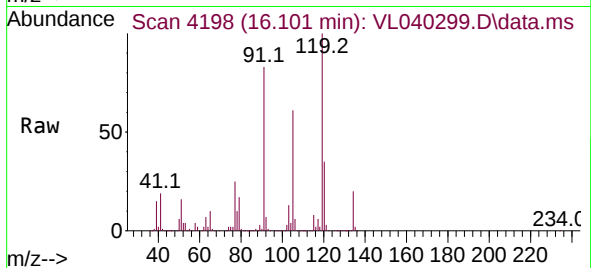
Tgt Ion:120 Resp: 959536
Ion Ratio Lower Upper
120 100
91 493.4 399.0 598.6





#65
tert-Butylbenzene
Concen: 9.178 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

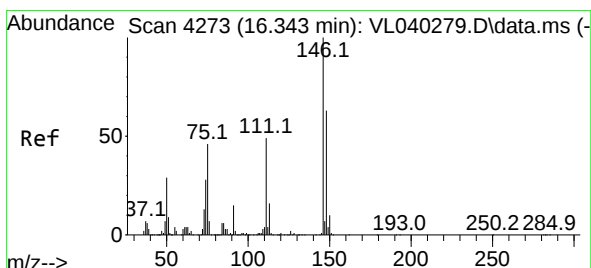
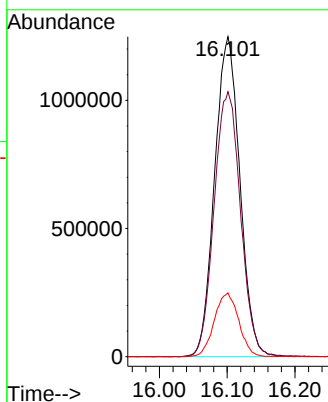
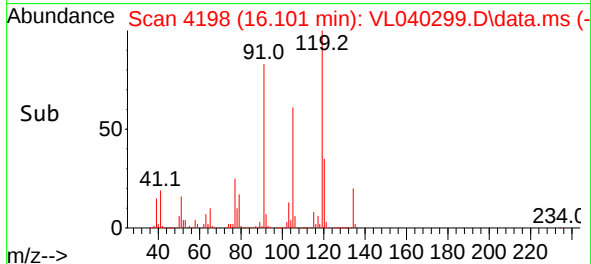
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



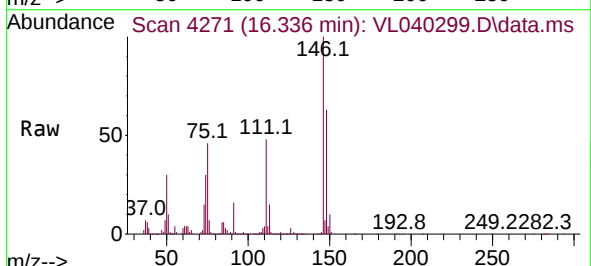
Tgt Ion:119 Resp: 323277
Ion Ratio Lower Upper
119 100
91 86.9 69.4 104.2
134 19.3 15.8 23.6

Manual Integrations
APPROVED

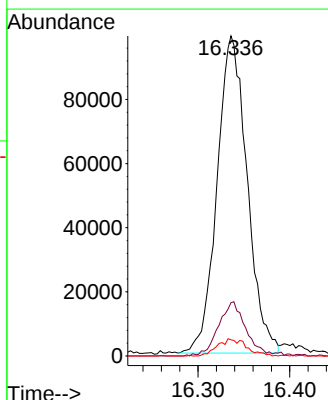
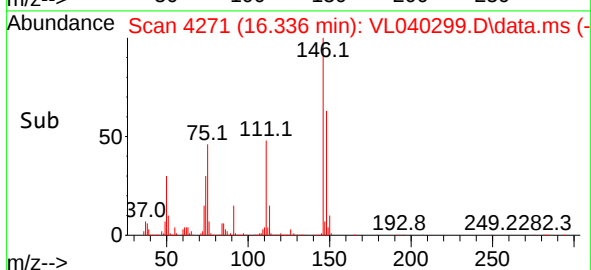
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

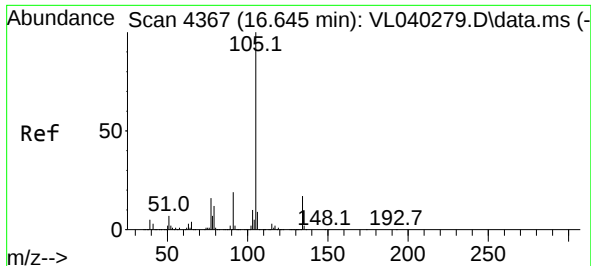


#66
Benzyl Chloride
Concen: 9.827 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.007 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15



Tgt Ion: 91 Resp: 224961
Ion Ratio Lower Upper
91 100
126 15.8 12.1 18.1
128 5.3 3.8 5.6





#67

sec-Butylbenzene

Concen: 9.090 ppbv

RT: 16.645 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040299.D

Acq: 16 Mar 2023 17:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 457932

Ion Ratio Lower Upper

105 100

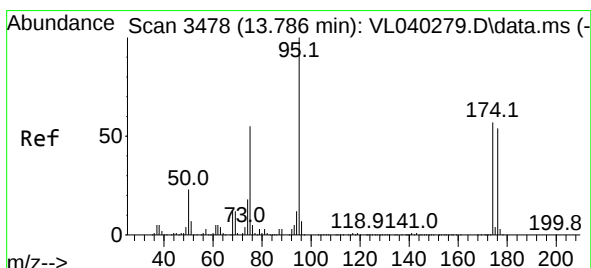
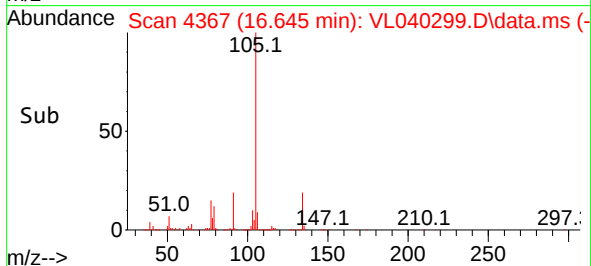
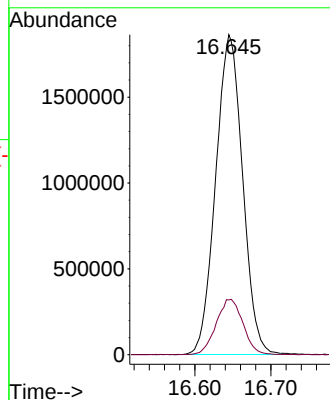
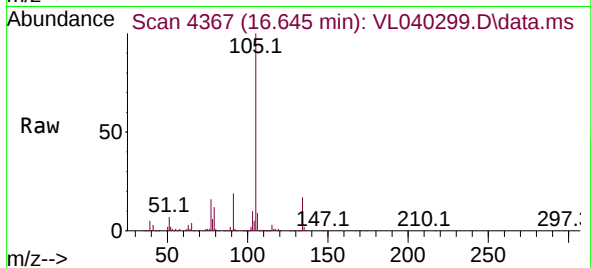
134 17.3 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.509 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. -0.003 min

Lab File: VL040299.D

Acq: 16 Mar 2023 17:15

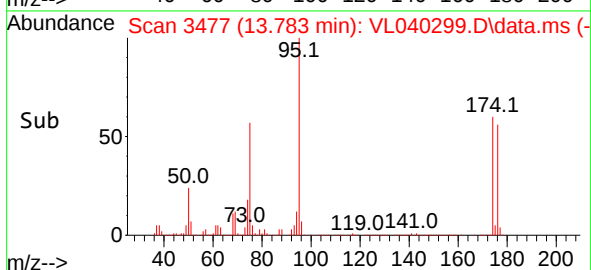
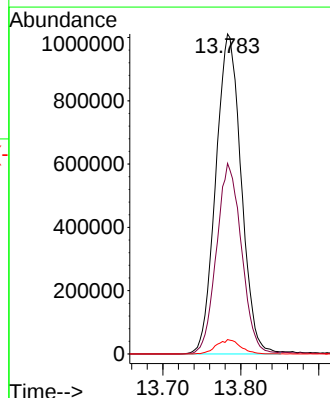
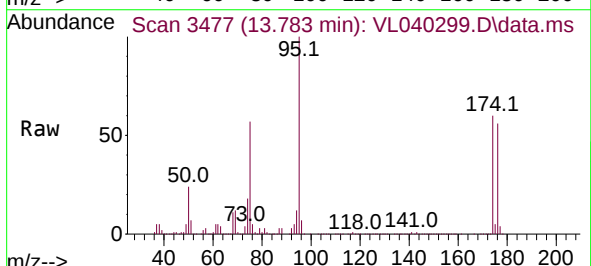
Tgt Ion: 95 Resp: 2292249

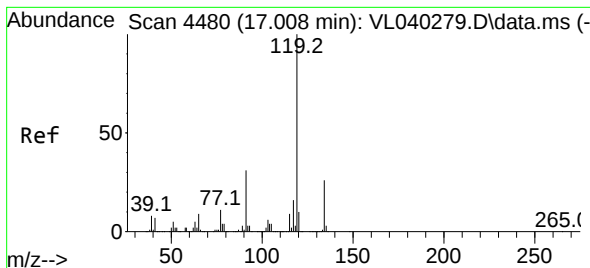
Ion Ratio Lower Upper

95 100

174 59.2 47.0 70.6

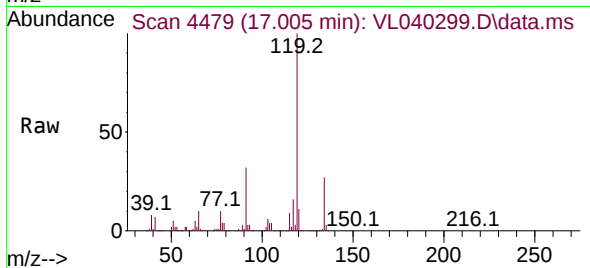
175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 9.319 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

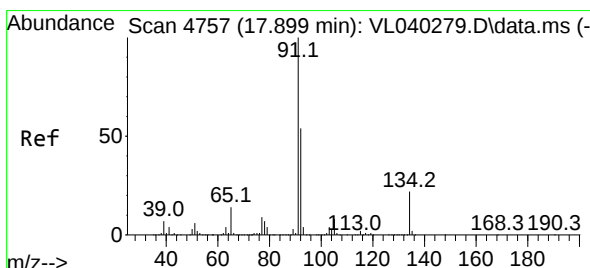
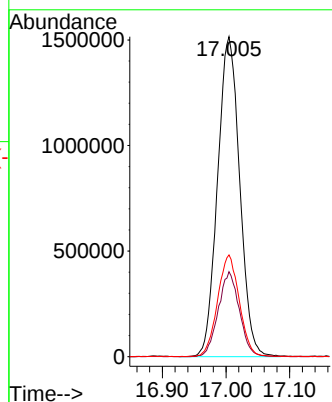
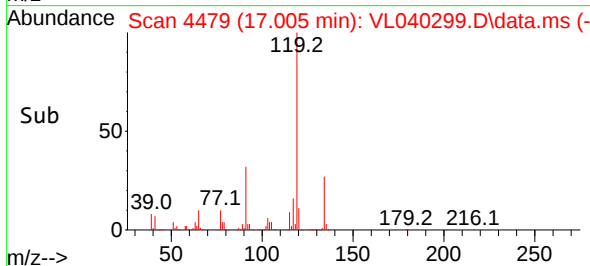
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



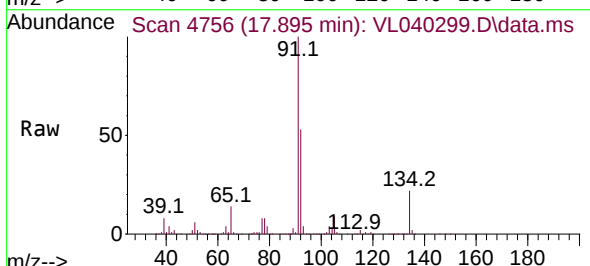
Tgt Ion:119 Resp: 3656059
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 31.3 25.1 37.7

Manual Integrations
APPROVED

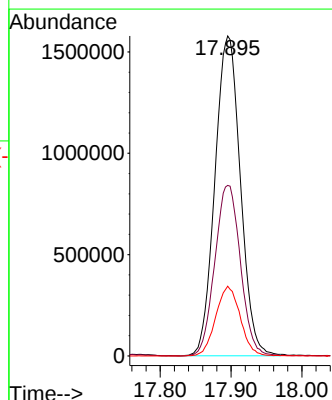
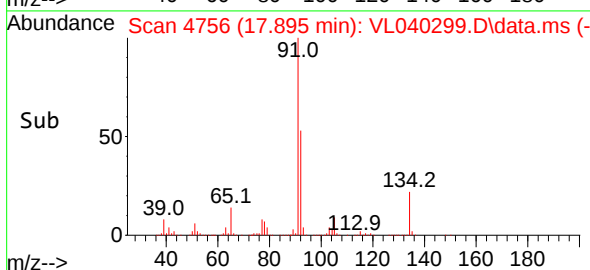
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

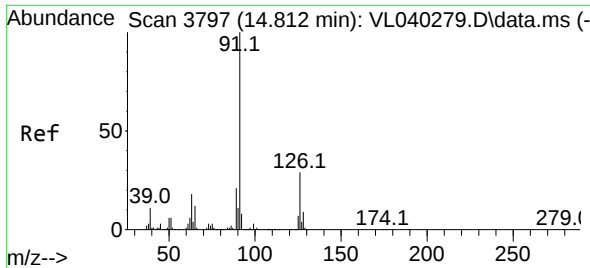


#70
n-Butylbenzene
Concen: 9.124 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. -0.004 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15



Tgt Ion: 91 Resp: 3943242
Ion Ratio Lower Upper
91 100
92 53.6 42.9 64.3
134 21.1 16.8 25.2





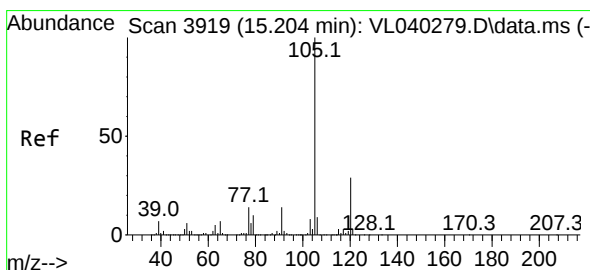
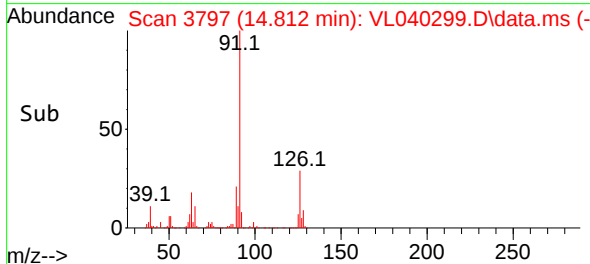
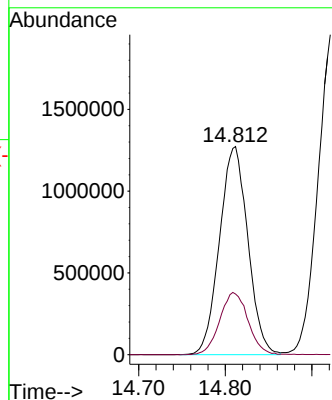
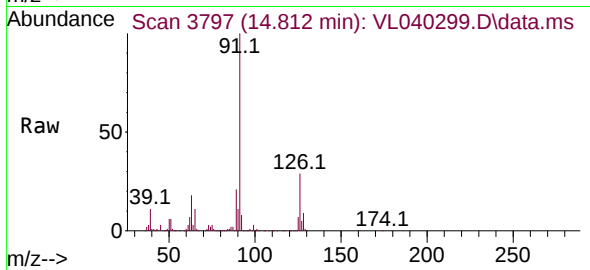
#71
2-Chlorotoluene
Concen: 9.292 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. -0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 289084
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4

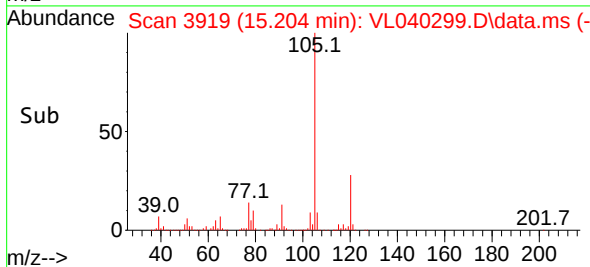
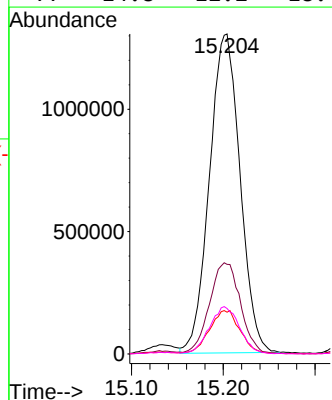
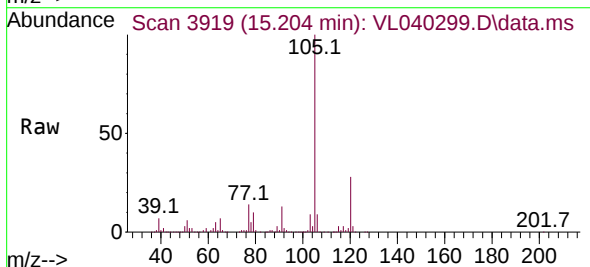
Manual Integrations
APPROVED

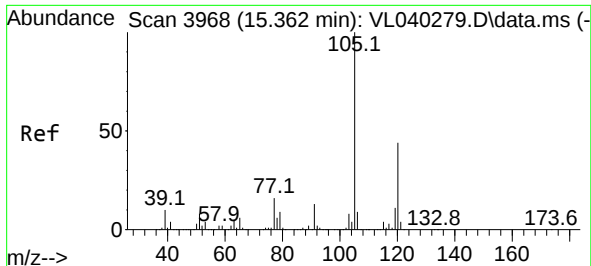
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#72
4-Ethyltoluene
Concen: 9.625 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

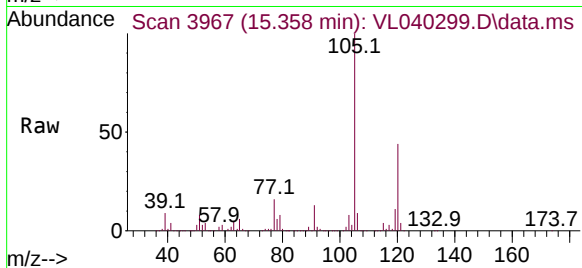
Tgt Ion:105 Resp: 3020549
Ion Ratio Lower Upper
105 100
120 29.1 23.7 35.5
91 13.6 11.6 17.4
77 14.8 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 9.489 ppbv
RT: 15.358 min Scan# 3968
Delta R.T. -0.004 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

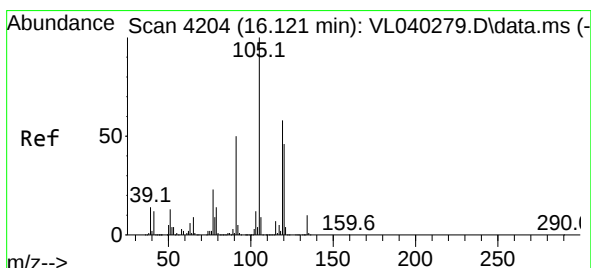
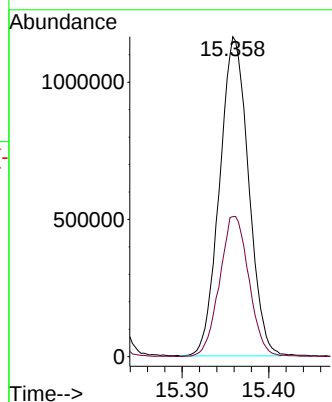
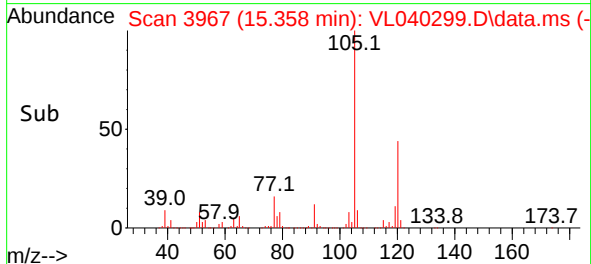
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



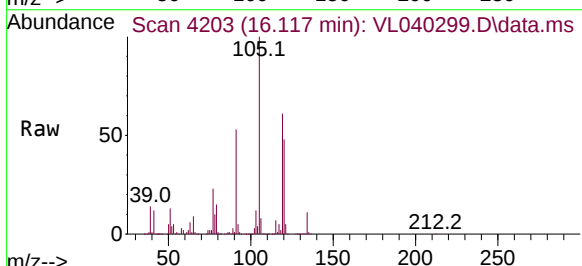
Tgt Ion:105 Resp: 2697200
Ion Ratio Lower Upper
105 100
120 43.8 34.9 52.3

Manual Integrations
APPROVED

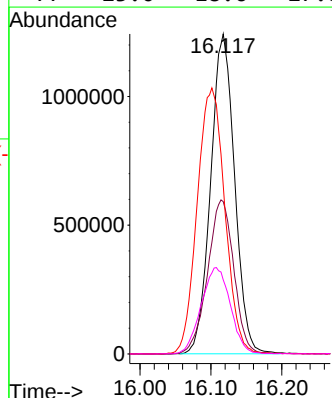
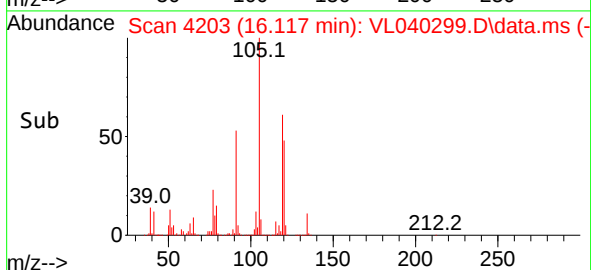
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

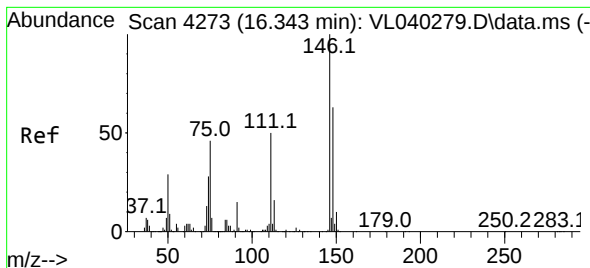


#74
1,2,4-Trimethylbenzene
Concen: 8.995 ppbv
RT: 16.117 min Scan# 4203
Delta R.T. -0.004 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15



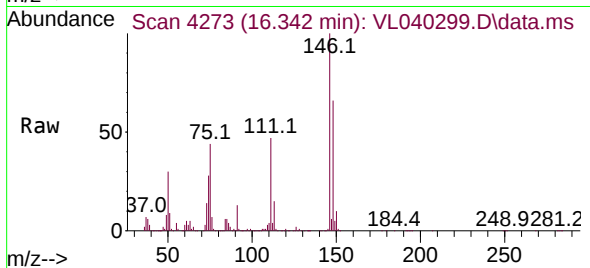
Tgt Ion:105 Resp: 2915757
Ion Ratio Lower Upper
105 100
120 47.5 36.6 54.8
91 52.5 39.9 59.9
77 23.0 18.6 27.8





#75
1,3-Dichlorobenzene
Concen: 8.925 ppbv
RT: 16.342 min Scan# 41
Delta R.T. -0.001 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

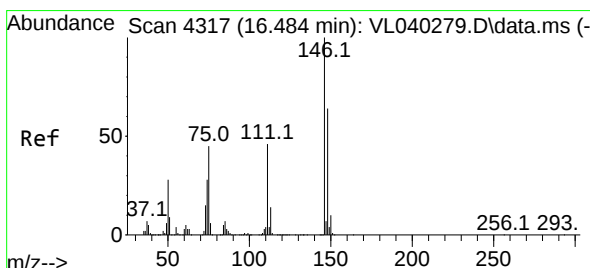
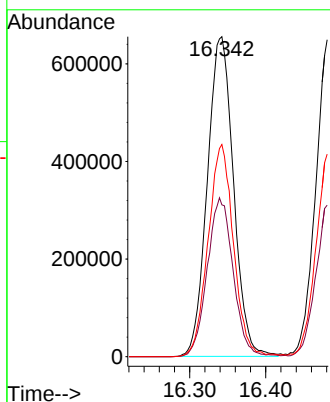
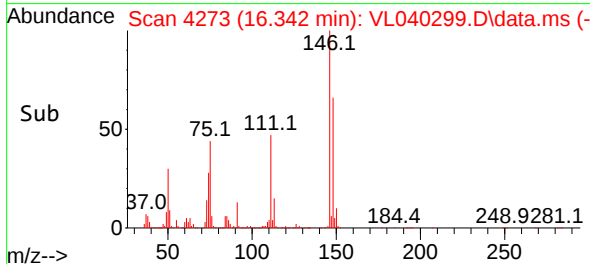
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



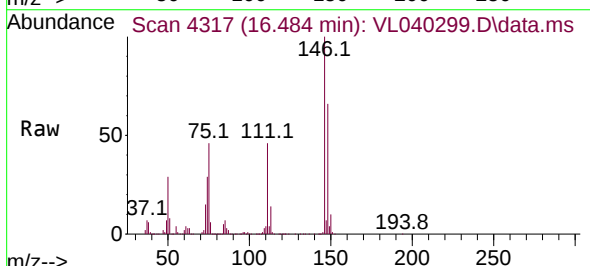
Tgt Ion:146 Resp: 1566940
Ion Ratio Lower Upper
146 100
111 49.2 24.3 73.0
148 64.6 31.9 95.5

Manual Integrations
APPROVED

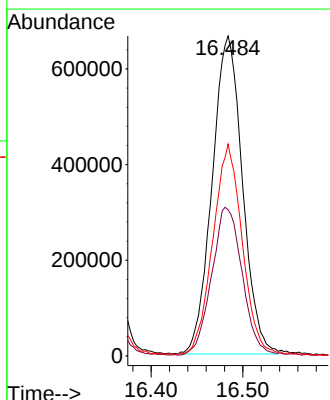
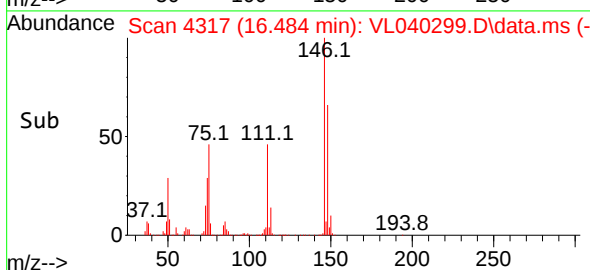
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

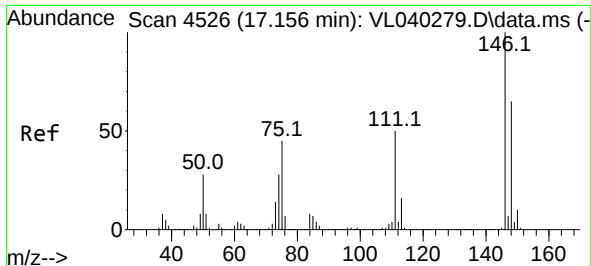


#76
1,4-Dichlorobenzene
Concen: 9.113 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. -0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15



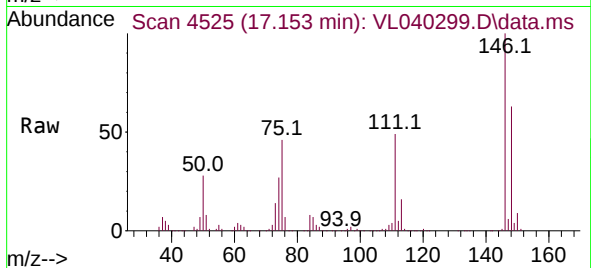
Tgt Ion:146 Resp: 1526008
Ion Ratio Lower Upper
146 100
111 47.9 23.8 71.2
148 65.6 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 8.704 ppbv
RT: 17.153 min Scan# 4525
Delta R.T. -0.003 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

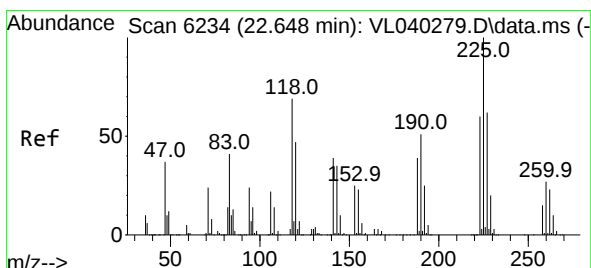
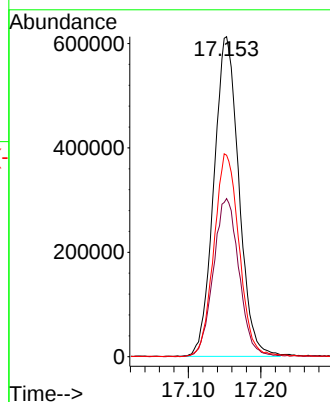
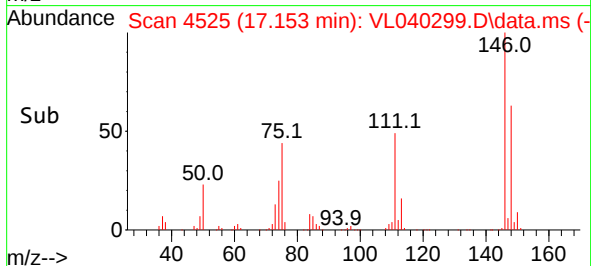
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



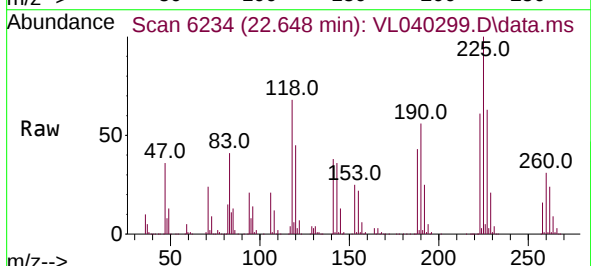
Tgt Ion:146 Resp: 146895
Ion Ratio Lower Upper
146 100
111 51.2 25.2 75.6
148 64.1 32.1 96.3

Manual Integrations
APPROVED

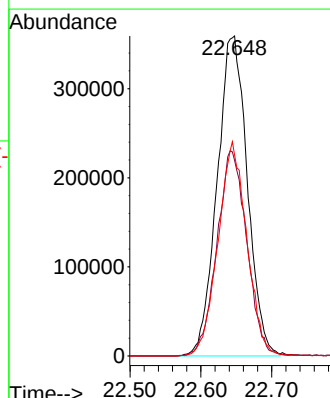
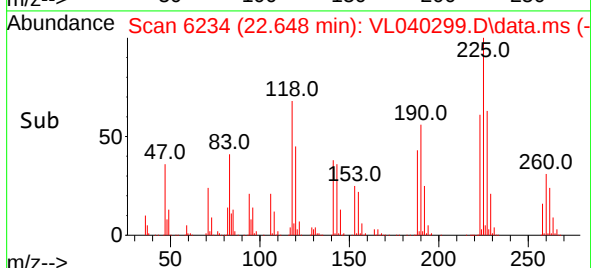
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

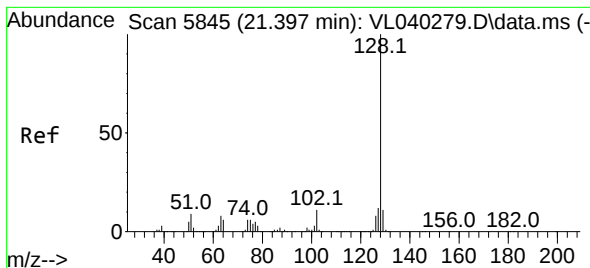


#78
Hexachloro-1,3-Butadiene
Concen: 8.593 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. -0.000 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15



Tgt Ion:225 Resp: 1063474
Ion Ratio Lower Upper
225 100
223 63.7 51.0 76.6
227 63.9 51.4 77.2





#79

Naphthalene

Concen: 11.811 ppbv

RT: 21.394 min Scan# 5844

Delta R.T. -0.003 min

Lab File: VL040299.D

Acq: 16 Mar 2023 17:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 2265009

Ion Ratio Lower Upper

128 100

127 12.8 9.6 14.4

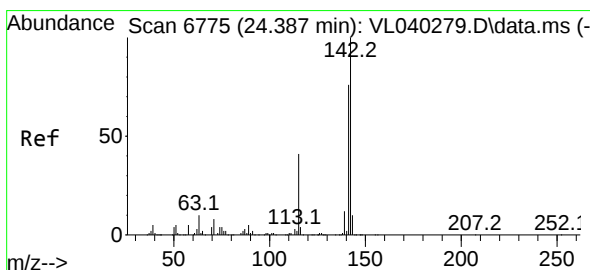
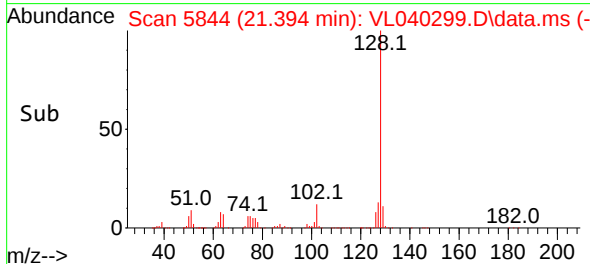
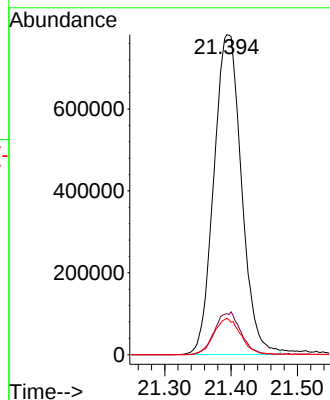
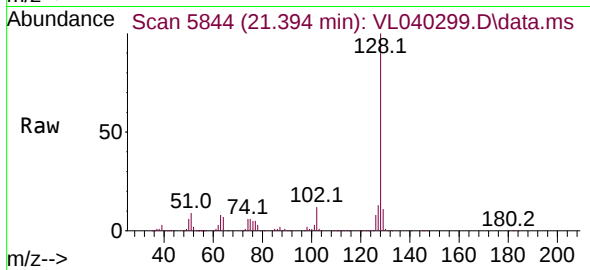
129 11.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#80

Naphthalene,2-methyl-

Concen: 12.262 ppbv

RT: 24.384 min Scan# 6774

Delta R.T. -0.003 min

Lab File: VL040299.D

Acq: 16 Mar 2023 17:15

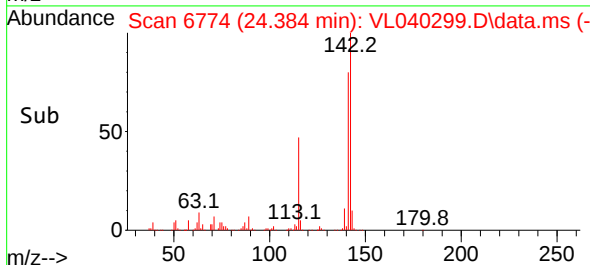
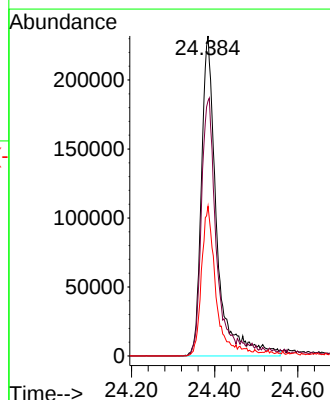
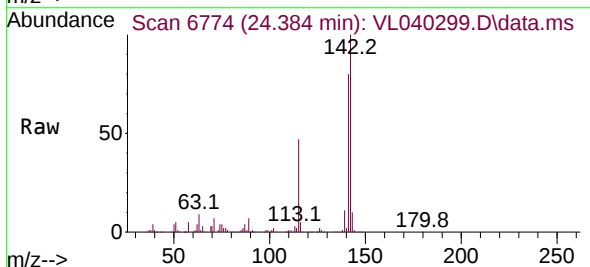
Tgt Ion:142 Resp: 595554

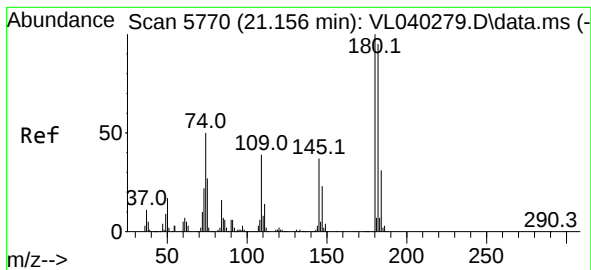
Ion Ratio Lower Upper

142 100

141 76.9 65.5 98.3

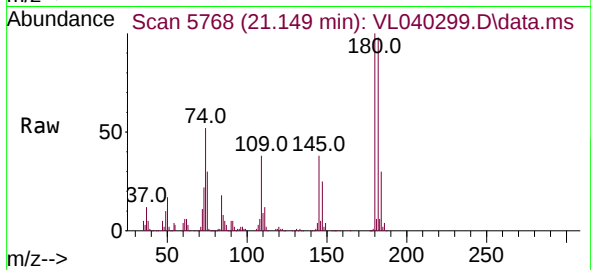
115 44.8 33.5 50.3





#81
1,2,4-Trichlorobenzene
Concen: 9.940 ppbv
RT: 21.149 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL040299.D
Acq: 16 Mar 2023 17:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 1174099
Ion Ratio Lower Upper
180 100
182 95.2 76.1 114.1
184 31.1 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

