

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031323\
 Data File : VL040277.D
 Acq On : 14 Mar 2023 9:06
 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 03/14/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 09:39:46 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Tue Mar 14 04:52:39 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	949668	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2595795	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2449403m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.809 95 1848704 9.179 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 91.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	1580106	8.927	ppbv	100
3) Chlorodifluoromethane	2.677	51	1173316	10.342	ppbv	97
4) Chloromethane	2.819	50	769563	10.799	ppbv	97
5) Vinyl Chloride	2.925	62	646752	11.294	ppbv	100
6) Bromomethane	3.127	94	202865	9.815	ppbv	99
7) Chloroethane	3.201	64	233640	10.289	ppbv	99
8) Dichlorotetrafluoroethane	2.861	85	1541210	10.105	ppbv	97
9) Propene	2.697	41	525906	11.373	ppbv	98
10) Heptane	7.603	43	1272824	11.564	ppbv	100
11) Trichlorofluoromethane	3.571	101	1523756	9.595	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.079	101	1128311	9.631	ppbv	94
13) Ethanol	3.256	45	30165	7.086	ppbv	88
14) Bromoethene	3.375	108	482076	10.730	ppbv	98
15) Acetone	3.475	43	1126246	9.850	ppbv	99
16) 1,3-Butadiene	2.989	39	583838	11.182	ppbv	98
17) tert-Butyl alcohol	3.890	59	1167868	11.200	ppbv	99
18) 1,1-Dichloroethene	3.890	96	529493	10.402	ppbv	95
19) Isopropyl Alcohol	3.581	45	538329	9.905	ppbv #	96
20) Methylene Chloride	3.944	84	441348	7.415	ppbv	92
21) Allyl Chloride	4.008	41	805223	11.482	ppbv	100
22) trans-1,2-Dichloroethene	4.459	96	557851	10.583	ppbv	96
23) Vinyl Acetate	4.639	43	387627	11.171	ppbv	98
24) 1,1-Dichloroethane	4.578	63	1138852	10.500	ppbv	99
25) Ethyl Acetate	5.221	43	2278615	10.721	ppbv	100
26) Hexane	5.230	57	989505	10.845	ppbv	96
27) Carbon Disulfide	4.134	76	1331495	11.500	ppbv	99
28) Methyl tert-Butyl Ether	4.600	73	1069969	10.944	ppbv	99
29) Chloroform	5.291	83	1591761	10.160	ppbv	97
30) Cyclohexane	6.623	84	845113	11.796	ppbv	99
31) cis-1,2-Dichloroethene	5.095	61	881161	10.164	ppbv	98
32) 1,1,1-Trichloroethane	6.021	97	1604980	10.903	ppbv	100
34) 2-Butanone	4.799	43	1280849	10.003	ppbv	99
35) Carbon Tetrachloride	6.516	117	1638806	10.679	ppbv	98
36) Benzene	6.391	78	2151468	10.650	ppbv	99
37) 1,2-Dichloroethane	5.825	62	1231799	9.750	ppbv	99
38) Trichloroethene	7.317	130	1229606	11.046	ppbv	98
39) 1,2-Dichloropropane	7.098	63	817788	10.407	ppbv	99
40) 1,4-Dioxane	7.311	88	298131	9.484	ppbv	80
41) Tetrahydrofuran	5.574	42	826975	11.145	ppbv	100
42) Bromodichloromethane	7.272	83	1772240	10.163	ppbv	98
43) Methyl Methacrylate	7.500	69	850066	11.372	ppbv	96
44) 2,2,4-Trimethylpentane	7.352	57	3517669	10.432	ppbv	98
45) t-1,3-Dichloropropene	8.738	75	796247	12.009	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031323\
 Data File : VL040277.D
 Acq On : 14 Mar 2023 9:06
 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 03/14/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 09:39:46 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

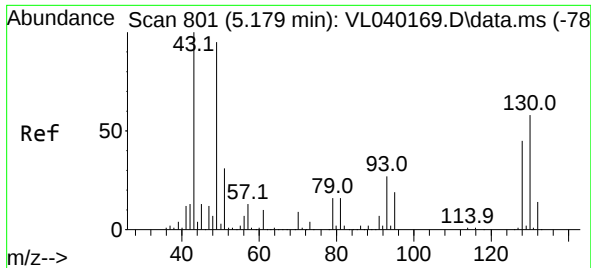
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Mar 14 04:52:39 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	1091241	11.813	ppbv	95
47) 1,1,2-Trichloroethane	8.928	97	873502	10.277	ppbv	98
48) Dibromochloromethane	9.741	129	1466349	10.786	ppbv	100
49) Bromoform	12.439	173	1143773	10.779	ppbv	100
50) 4-Methyl-2-Pentanone	8.204	43	2149898	10.813	ppbv	100
51) 2-Hexanone	9.577	43	1656959	10.837	ppbv #	99
52) Tetrachloroethene	10.645	164	702077	11.130	ppbv	96
53) Toluene	9.249	91	2424773	11.207	ppbv	99
54) 1,2-Dibromoethane	10.037	107	962814	10.887	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.539	131	1049488	10.207	ppbv	96
57) Chlorobenzene	11.555	112	1822502	10.184	ppbv	99
58) Ethyl Benzene	12.121	91	3227627	10.845	ppbv	99
59) m/p-Xylene	12.404	91	5441899m	20.645	ppbv	
60) o-Xylene	13.092	91	2600595	10.253	ppbv	99
61) Styrene	12.925	104	1531375	11.500	ppbv	98
62) Isopropylbenzene	14.060	105	3672957	10.089	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.076	83	851988	9.322	ppbv	100
64) n-propylbenzene	14.947	120	944299	10.480	ppbv	97
65) tert-Butylbenzene	16.121	119	3158116	9.980	ppbv	98
66) Benzyl Chloride	16.362	91	203748	9.675	ppbv	97
67) sec-Butylbenzene	16.667	105	4459620	9.826	ppbv	100
69) p-Isopropyltoluene	17.024	119	3582223	9.956	ppbv	99
70) n-Butylbenzene	17.918	91	3796869	9.723	ppbv	99
71) 2-Chlorotoluene	14.831	91	2789992	10.020	ppbv	100
72) 4-Ethyltoluene	15.227	105	2913744	10.392	ppbv	99
73) 1,3,5-Trimethylbenzene	15.381	105	2589922	9.927	ppbv	98
74) 1,2,4-Trimethylbenzene	16.140	105	2774848	9.683	ppbv	99
75) 1,3-Dichlorobenzene	16.365	146	1538454	9.810	ppbv	99
76) 1,4-Dichlorobenzene	16.506	146	1475648	9.602	ppbv	99
77) 1,2-Dichlorobenzene	17.178	146	1463243	9.393	ppbv	100
78) Hexachloro-1,3-Butadiene	22.673	225	1006188	9.402	ppbv	99
79) Naphthalene	21.419	128	1980968	12.305	ppbv	98
80) Naphthalene,2-methyl-	24.406	142	483735	10.566	ppbv	97
81) 1,2,4-Trichlorobenzene	21.175	180	1070118	10.622	ppbv	98

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



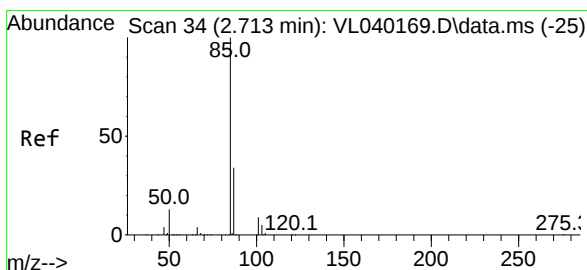
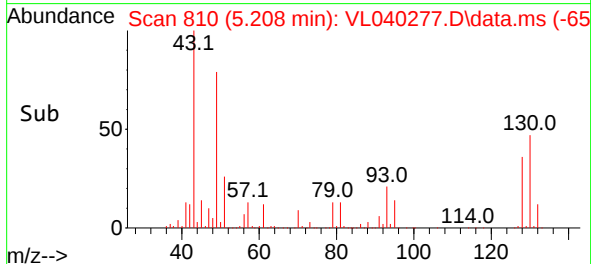
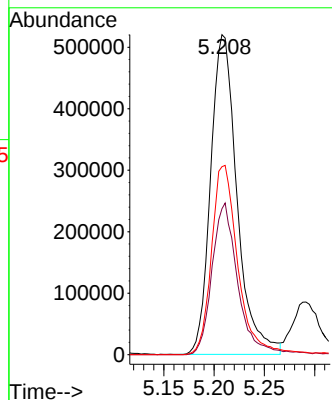
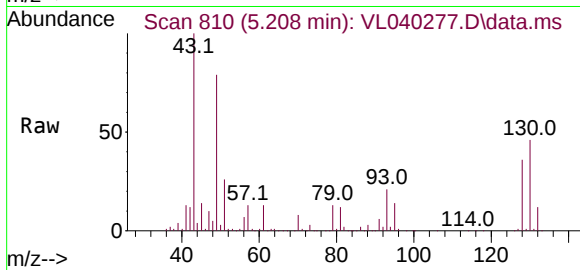
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 94966
Ion Ratio Lower Upper
49 100
128 46.8 24.1 72.3
130 60.3 30.9 92.8

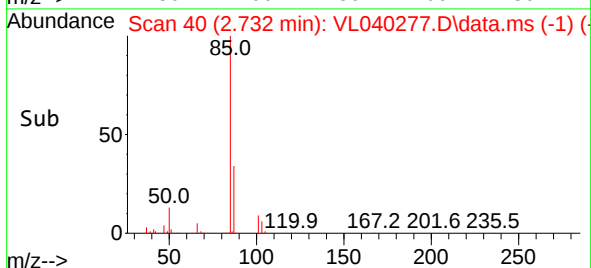
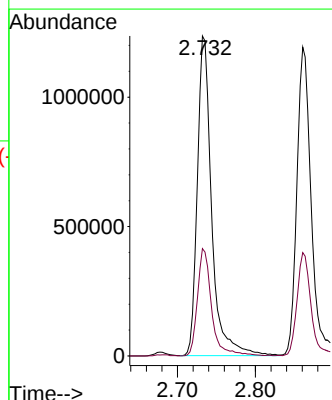
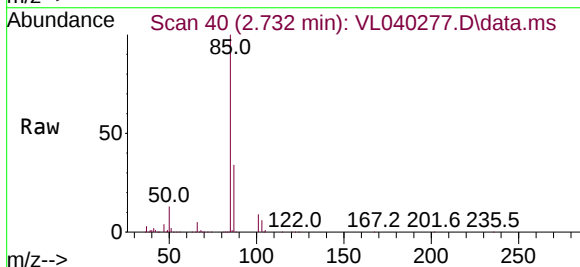
Manual Integrations
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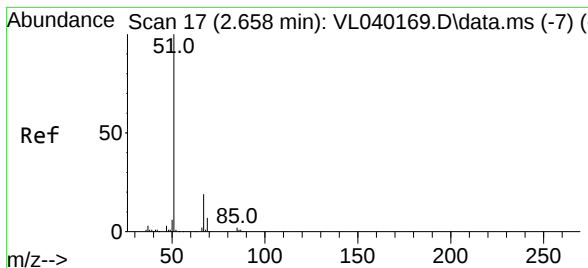
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#2
Dichlorodifluoromethane
Concen: 8.927 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Tgt Ion: 85 Resp: 1580106
Ion Ratio Lower Upper
85 100
87 33.6 27.0 40.6





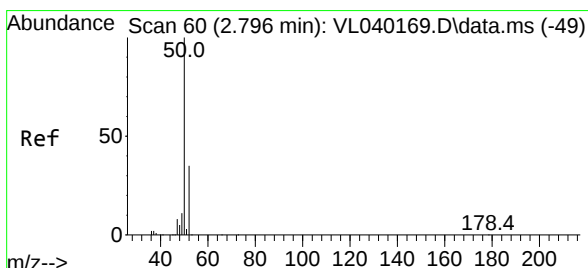
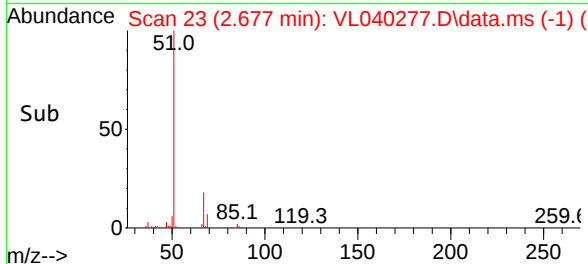
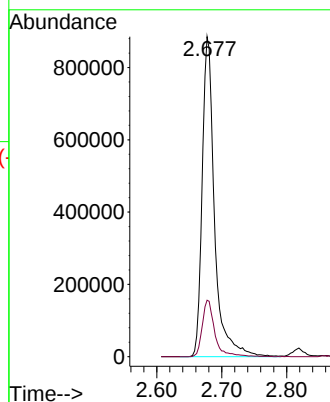
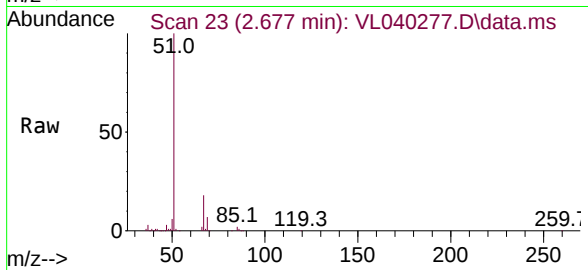
#3
Chlorodifluoromethane
Concen: 10.342 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1173310
Ion Ratio Lower Upper
51 100
67 18.0 15.4 23.2

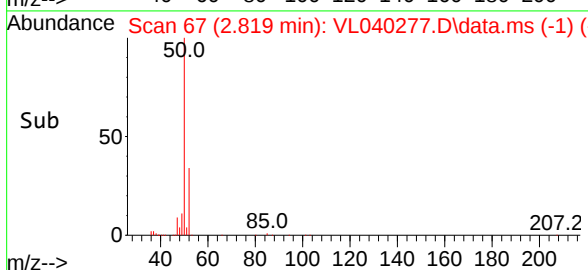
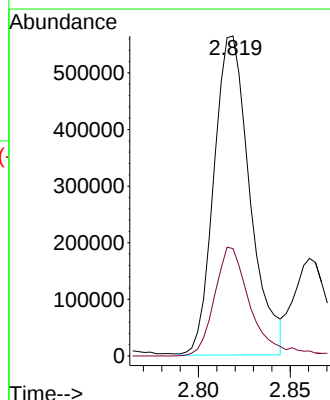
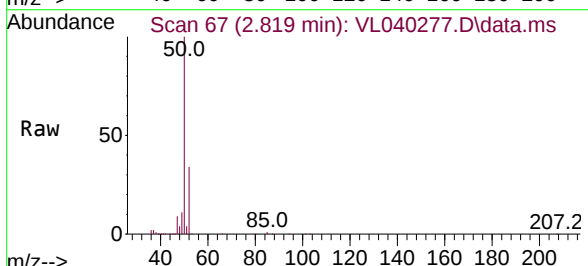
Manual Integrations
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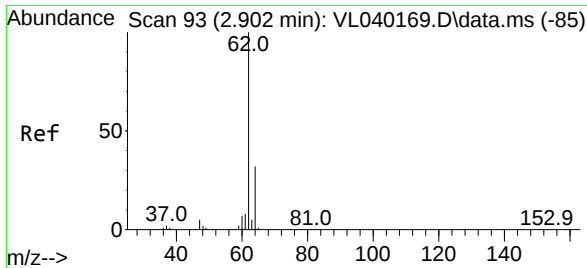
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#4
Chloromethane
Concen: 10.799 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

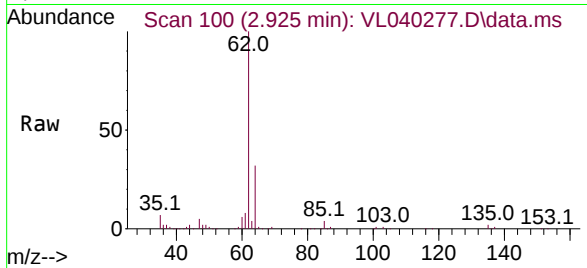
Tgt Ion: 50 Resp: 769563
Ion Ratio Lower Upper
50 100
52 33.7 28.3 42.5





#5
 Vinyl Chloride
 Concen: 11.294 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.006 min
 Lab File: VL040277.D
 Acq: 14 Mar 2023 9:06

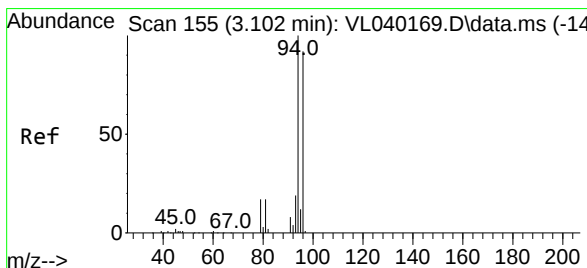
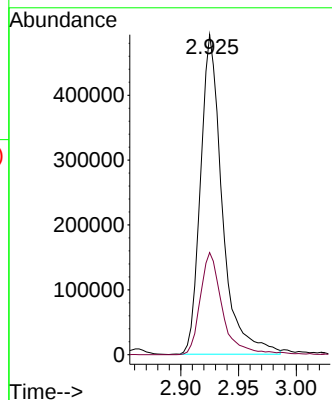
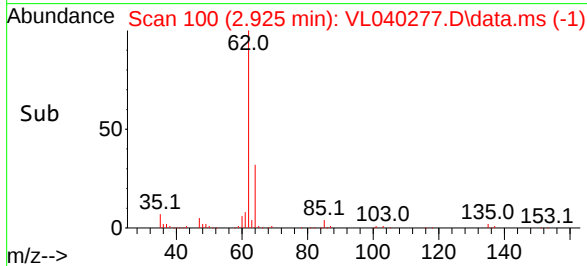
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 646752
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.6 38.4

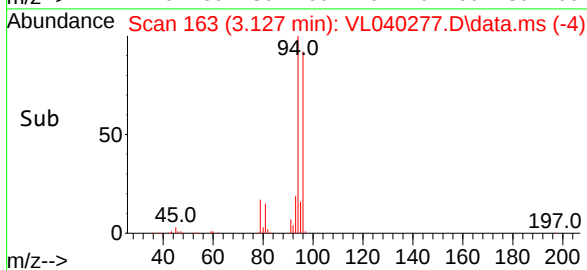
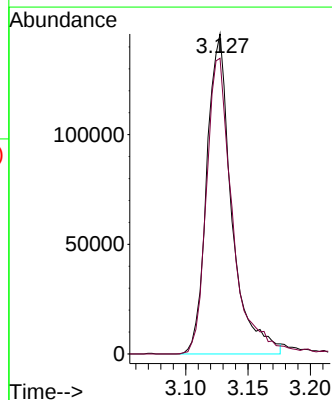
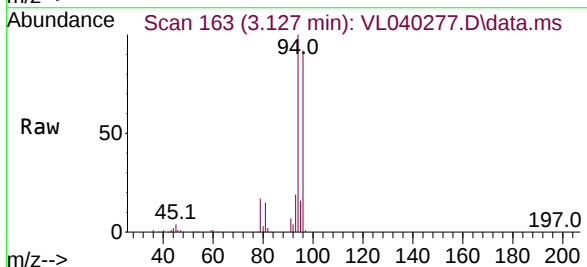
Manual Integrations
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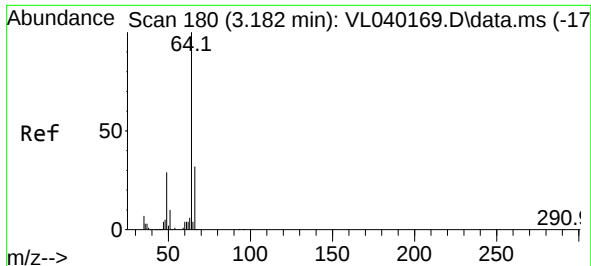
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#6
 Bromomethane
 Concen: 9.815 ppbv
 RT: 3.127 min Scan# 163
 Delta R.T. 0.010 min
 Lab File: VL040277.D
 Acq: 14 Mar 2023 9:06

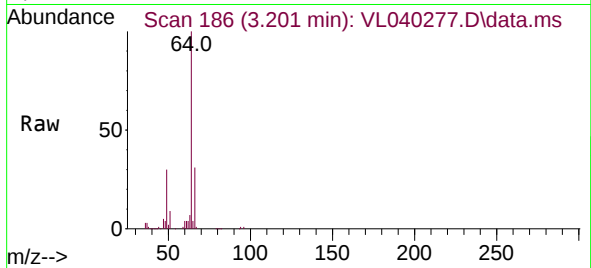
Tgt Ion: 94 Resp: 202865
 Ion Ratio Lower Upper
 94 100
 96 92.3 73.4 110.2





#7
Chloroethane
Concen: 10.289 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

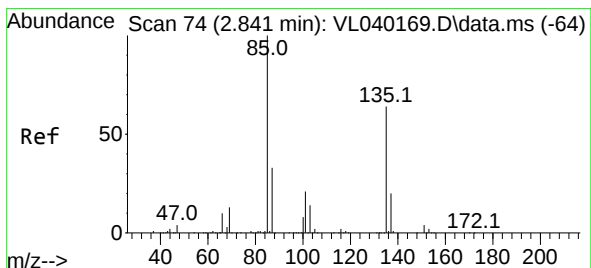
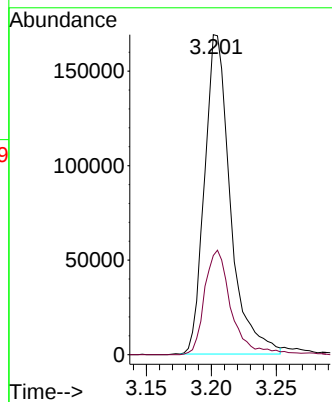
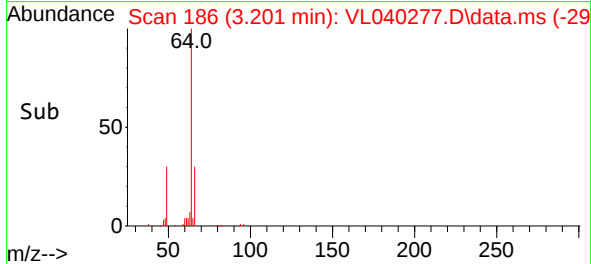
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 233640
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2

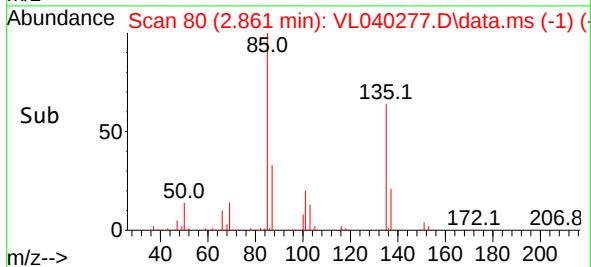
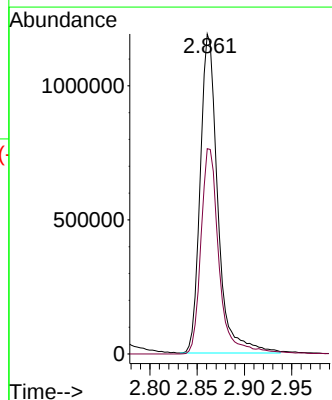
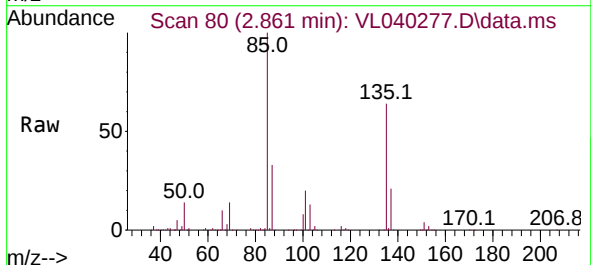
Manual Integrations
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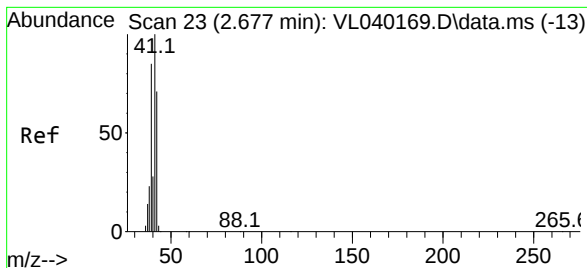
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#8
Dichlorotetrafluoroethane
Concen: 10.105 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Tgt Ion: 85 Resp: 1541210
Ion Ratio Lower Upper
85 100
135 66.8 51.5 77.3





#9

Propene

Concen: 11.373 ppbv

RT: 2.697 min Scan# 24

Delta R.T. 0.006 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 525900

Ion Ratio Lower Upper

41 100

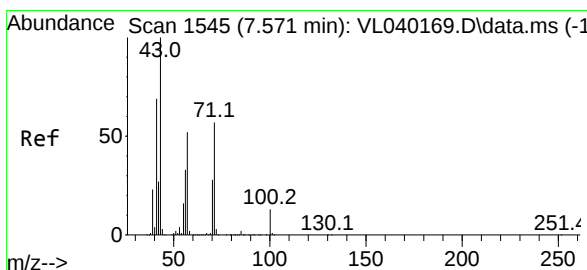
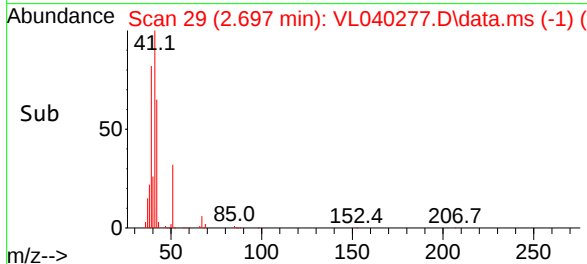
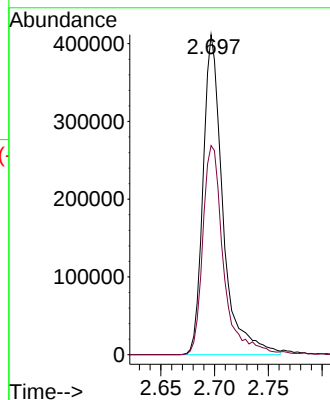
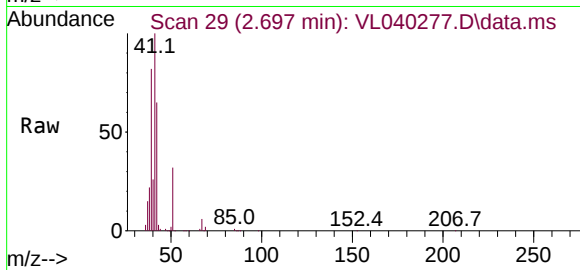
42 69.3 56.9 85.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#10

Heptane

Concen: 11.564 ppbv

RT: 7.603 min Scan# 1555

Delta R.T. 0.010 min

Lab File: VL040277.D

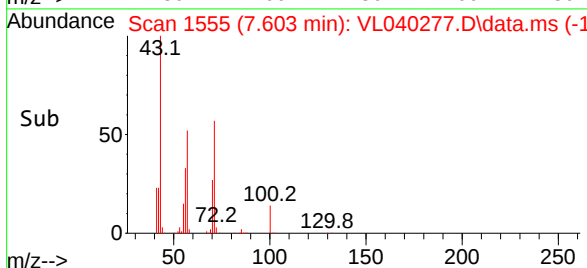
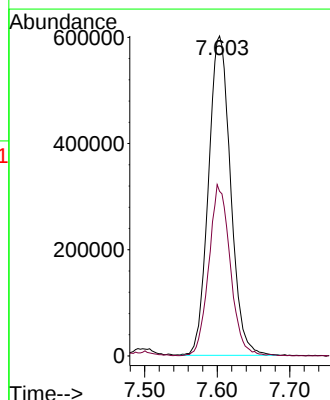
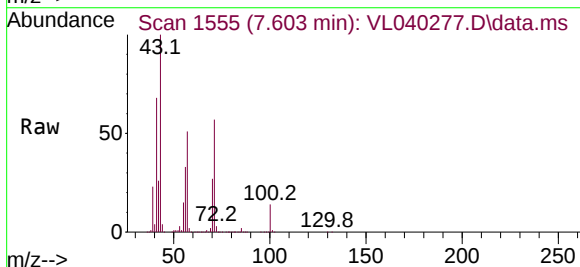
Acq: 14 Mar 2023 9:06

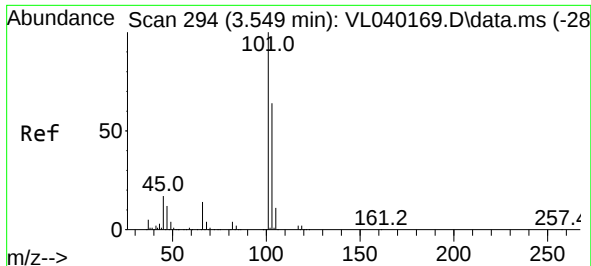
Tgt Ion: 43 Resp: 1272824

Ion Ratio Lower Upper

43 100

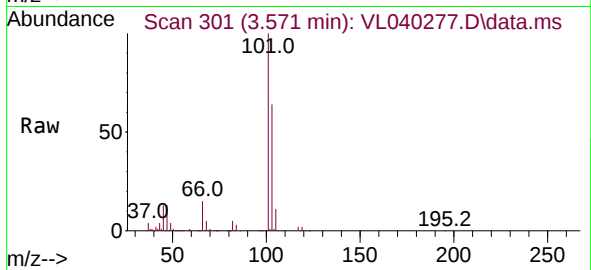
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#11
 Trichlorofluoromethane
 Concen: 9.595 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VL040277.D
 Acq: 14 Mar 2023 9:06

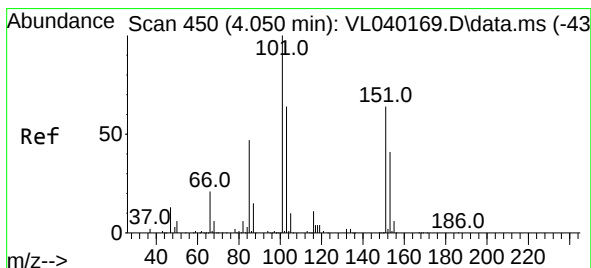
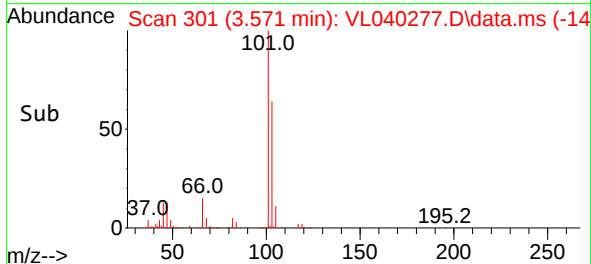
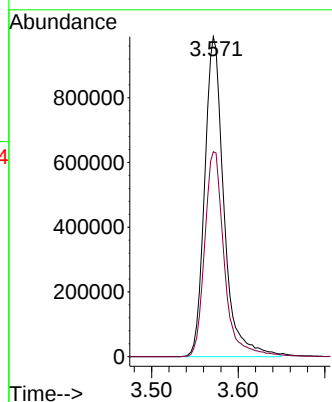
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:101 Resp: 1523750
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.0 76.6

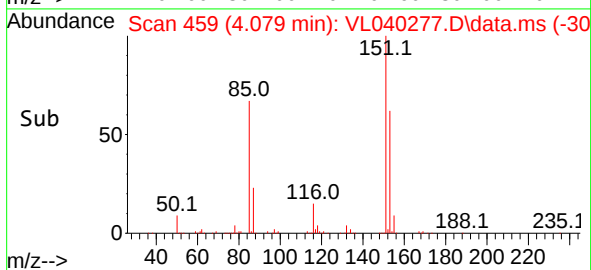
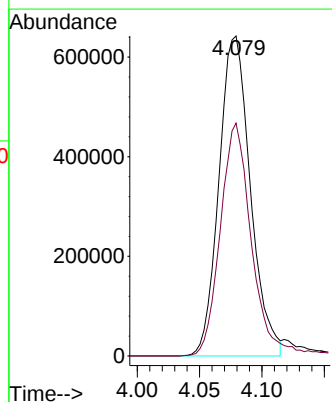
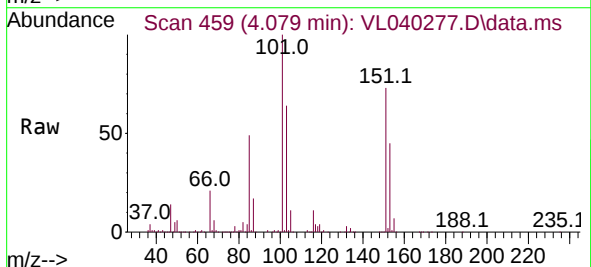
Manual Integrations
 APPROVED

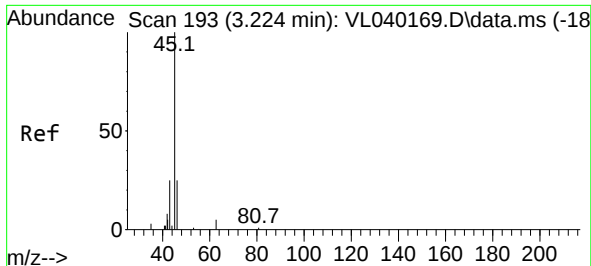
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.631 ppbv
 RT: 4.079 min Scan# 459
 Delta R.T. 0.010 min
 Lab File: VL040277.D
 Acq: 14 Mar 2023 9:06

Tgt Ion:101 Resp: 1128311
 Ion Ratio Lower Upper
 101 100
 151 73.1 54.7 82.1





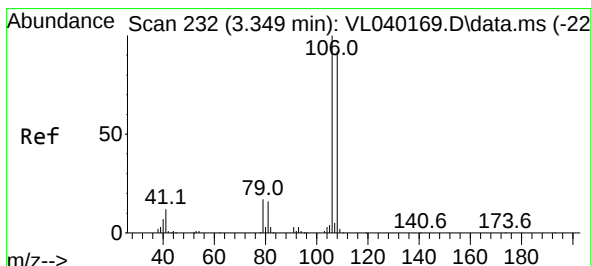
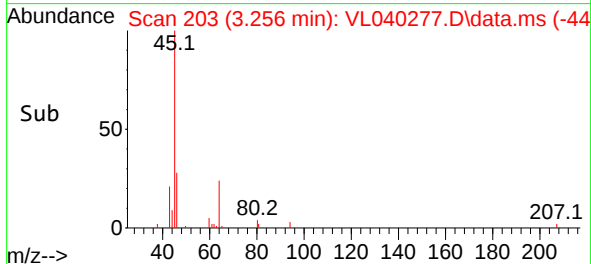
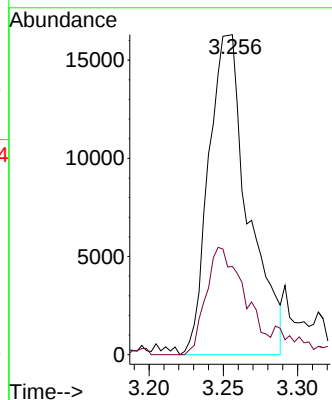
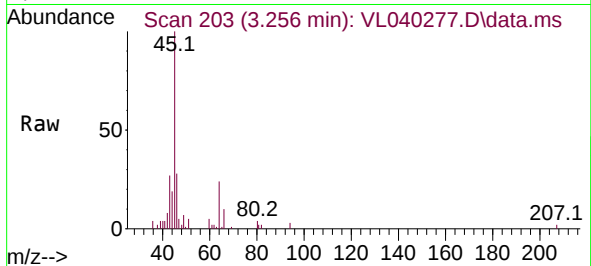
#13
Ethanol
Concen: 7.086 ppbv
RT: 3.256 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 3016
Ion Ratio Lower Upper
45 100
46 39.7 13.3 53.1

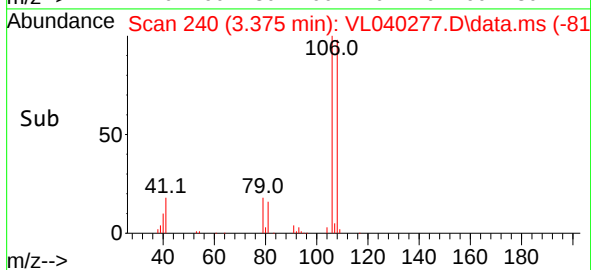
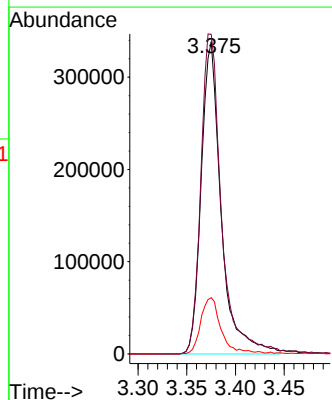
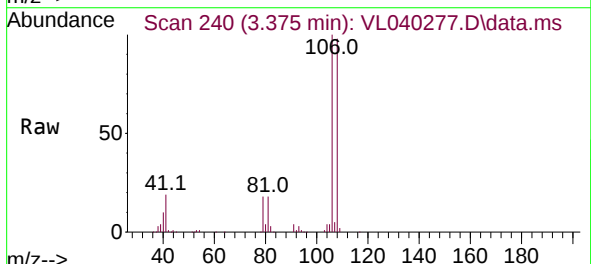
Manual Integrations
APPROVED

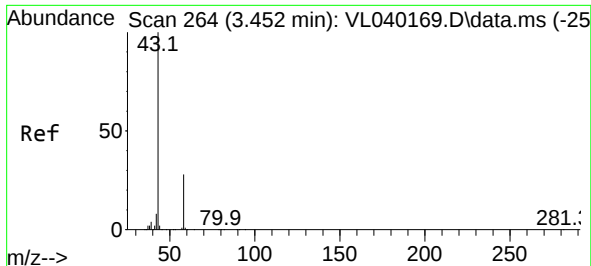
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#14
Bromoethene
Concen: 10.730 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

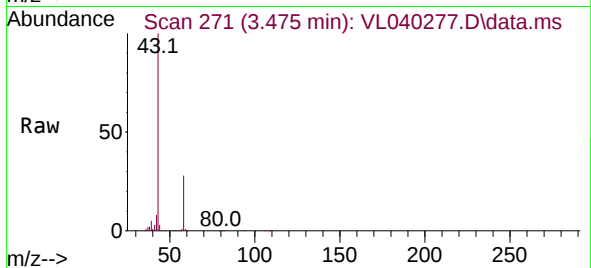
Tgt Ion:108 Resp: 482076
Ion Ratio Lower Upper
108 100
106 107.1 87.1 130.7
79 18.7 15.4 23.2





#15
Acetone
Concen: 9.850 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

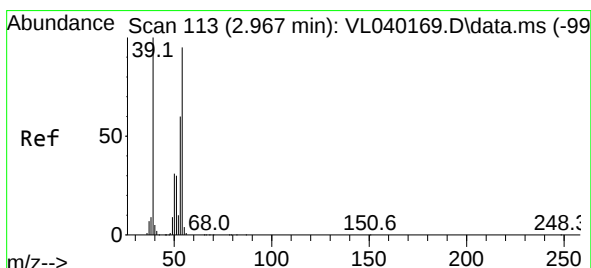
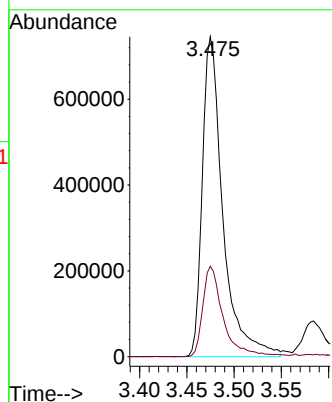
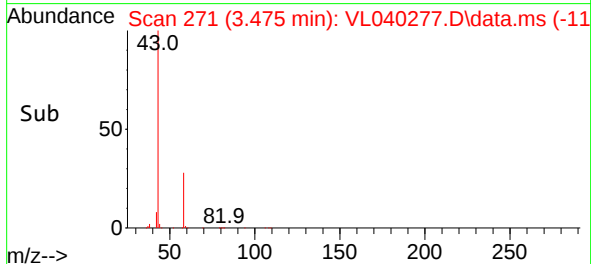
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



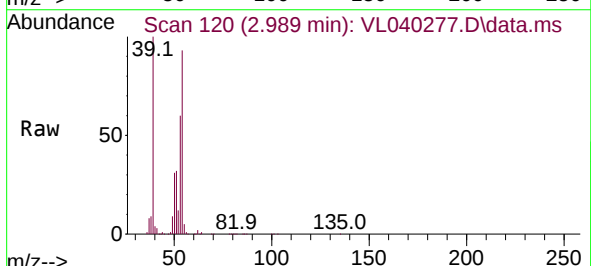
Tgt Ion: 43 Resp: 1126240
Ion Ratio Lower Upper
43 100
58 28.5 22.4 33.6

Manual Integrations
APPROVED

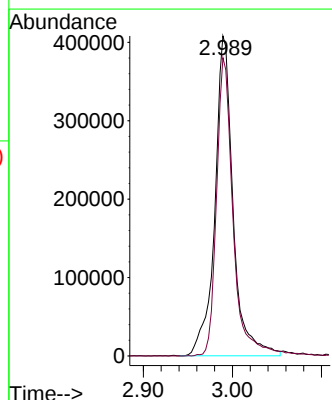
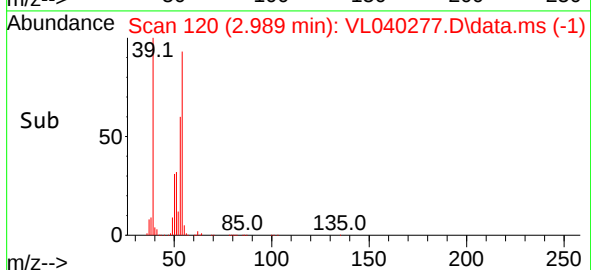
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

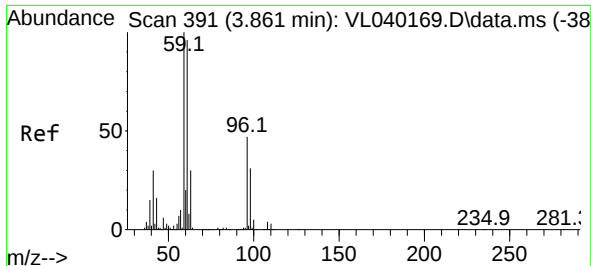


#16
1,3-Butadiene
Concen: 11.182 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06



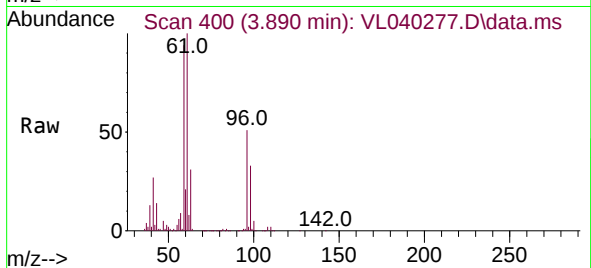
Tgt Ion: 39 Resp: 583838
Ion Ratio Lower Upper
39 100
54 85.3 66.7 100.1





#17
tert-Butyl alcohol
Concen: 11.200 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

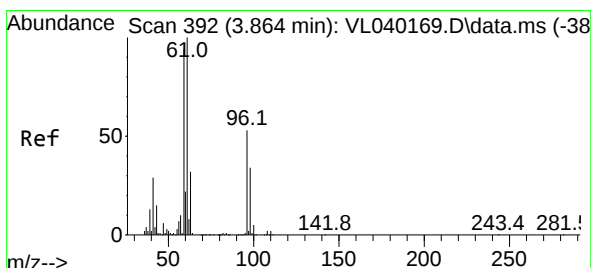
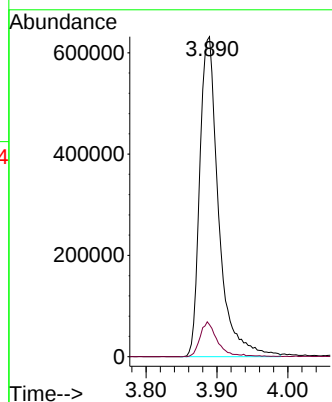
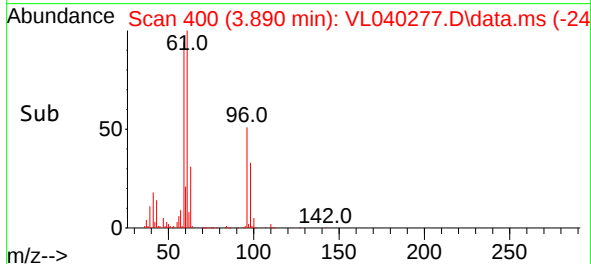
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



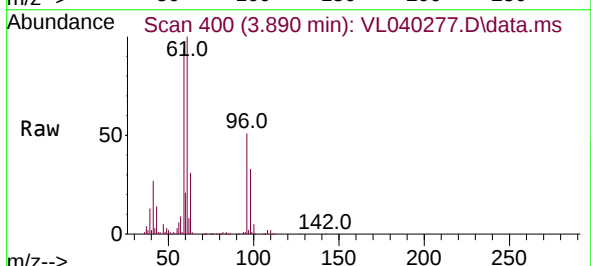
Tgt Ion: 59 Resp: 116786
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

Manual Integrations
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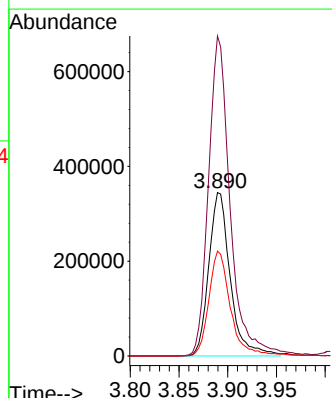
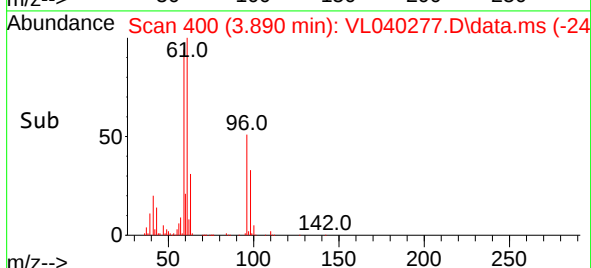
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

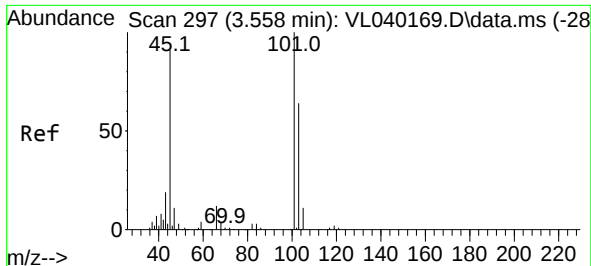


#18
1,1-Dichloroethene
Concen: 10.402 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06



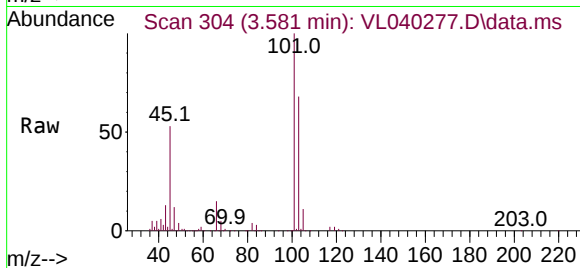
Tgt Ion: 96 Resp: 529493
Ion Ratio Lower Upper
96 100
61 195.9 149.6 224.4
98 64.1 51.1 76.7





#19
Isopropyl Alcohol
Concen: 9.905 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

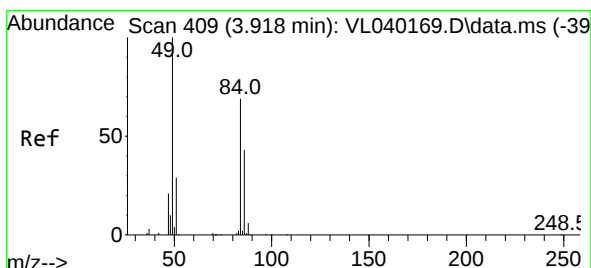
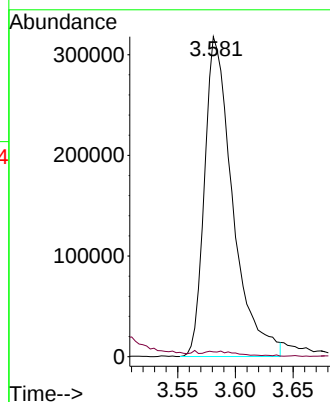
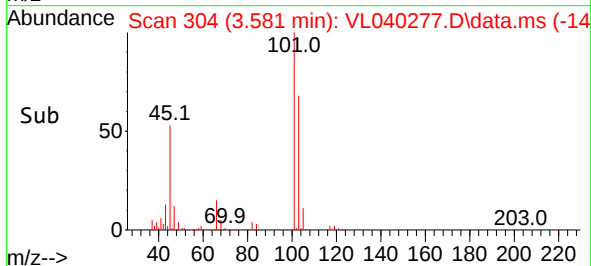
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



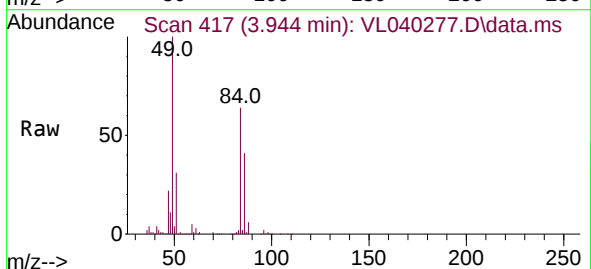
Tgt Ion: 45 Resp: 538329
Ion Ratio Lower Upper
45 100
58 2.0 2.6 3.8

Manual Integrations
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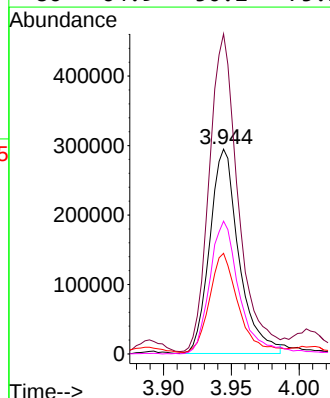
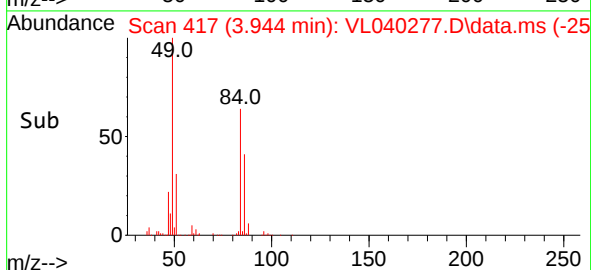
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

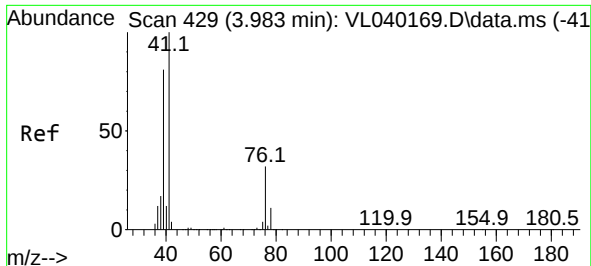


#20
Methylene Chloride
Concen: 7.415 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06



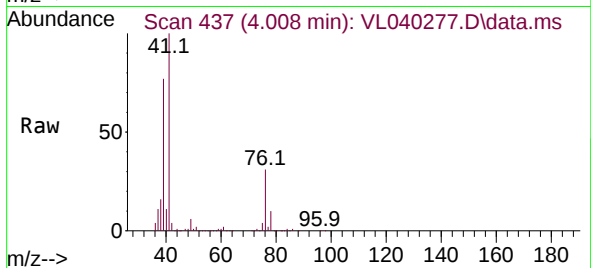
Tgt Ion: 84 Resp: 441348
Ion Ratio Lower Upper
84 100
49 155.3 115.5 173.3
51 48.4 33.1 49.7
86 64.9 50.2 75.2





#21
 Allyl Chloride
 Concen: 11.482 ppbv
 RT: 4.008 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040277.D
 Acq: 14 Mar 2023 9:06

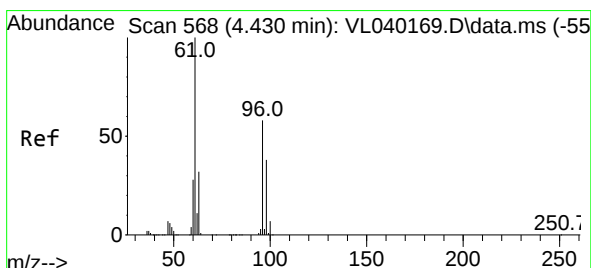
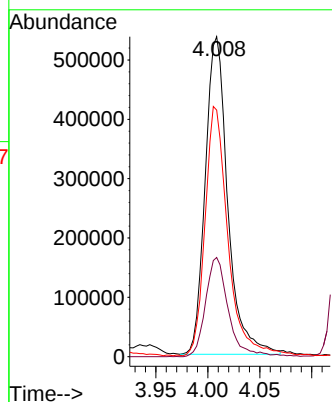
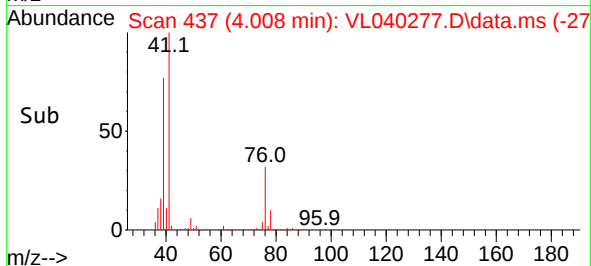
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 80522
 Ion Ratio Lower Upper
 41 100
 76 31.7 25.5 38.3
 39 80.2 64.5 96.7

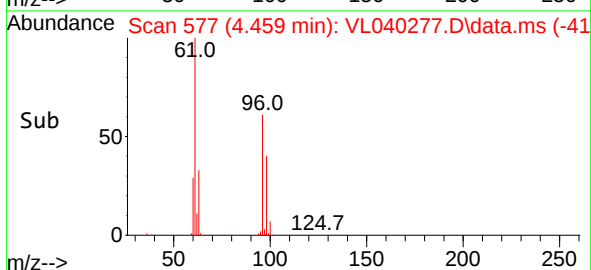
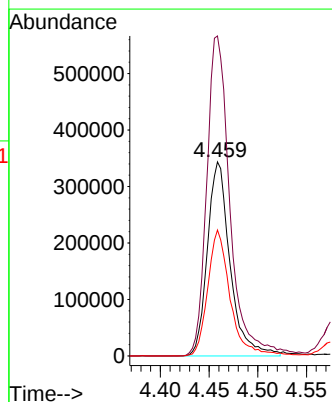
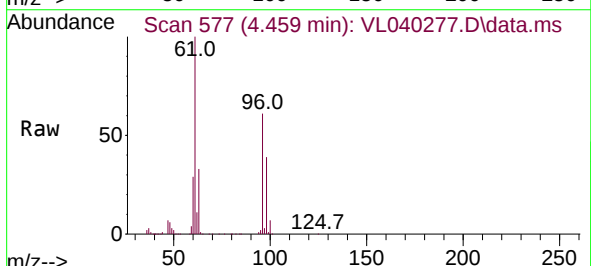
Manual Integrations
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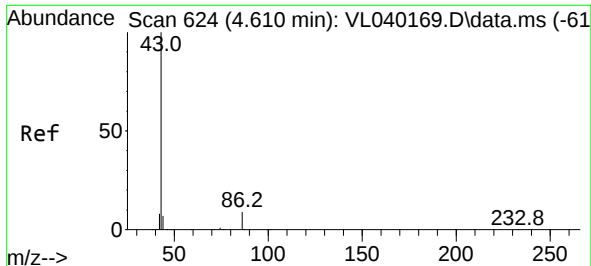
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.583 ppbv
 RT: 4.459 min Scan# 577
 Delta R.T. 0.006 min
 Lab File: VL040277.D
 Acq: 14 Mar 2023 9:06

Tgt Ion: 96 Resp: 557851
 Ion Ratio Lower Upper
 96 100
 61 164.9 137.5 206.3
 98 64.9 52.8 79.2





#23
 Vinyl Acetate
 Concen: 11.171 ppbv
 RT: 4.639 min Scan# 613
 Delta R.T. 0.006 min
 Lab File: VL040277.D
 Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

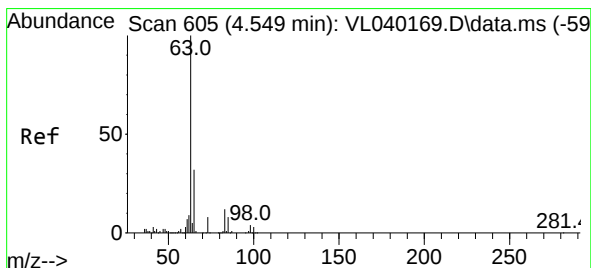
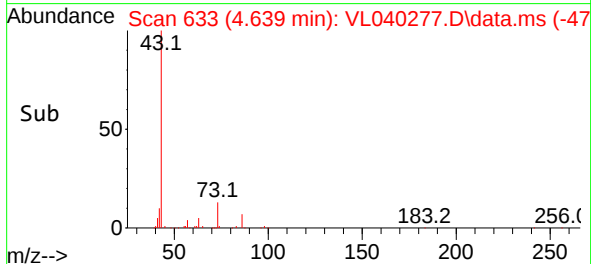
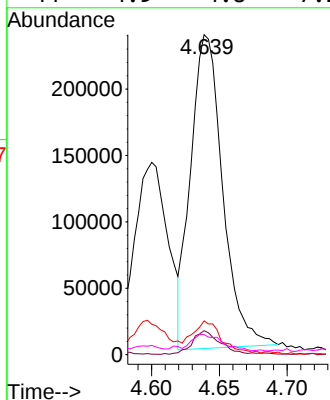
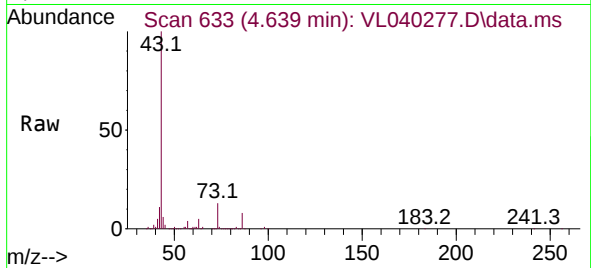
ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 38762
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.6 8.4
 42 10.0 7.6 11.4
 44 4.9 4.8 7.2

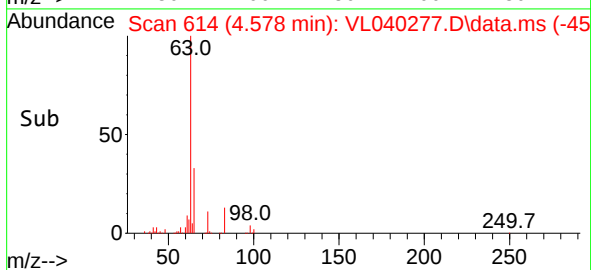
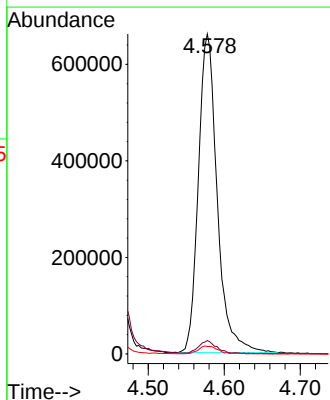
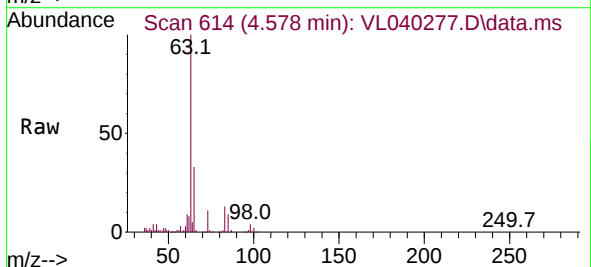
Manual Integrations
 APPROVED

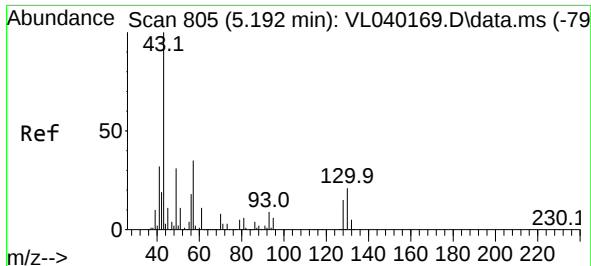
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#24
 1,1-Dichloroethane
 Concen: 10.500 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.006 min
 Lab File: VL040277.D
 Acq: 14 Mar 2023 9:06

Tgt Ion: 63 Resp: 1138852
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.3 6.8
 100 2.3 1.4 4.0





#25

Ethyl Acetate

Concen: 10.721 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.010 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 227861

Ion Ratio Lower Upper

43 100

45 10.6 8.3 12.5

61 10.6 8.4 12.6

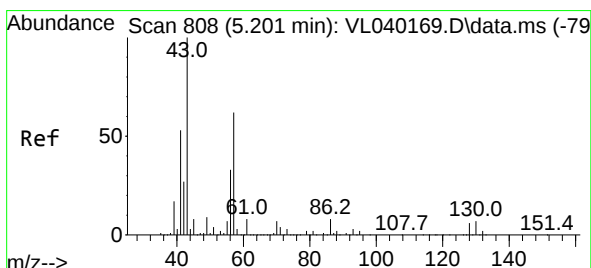
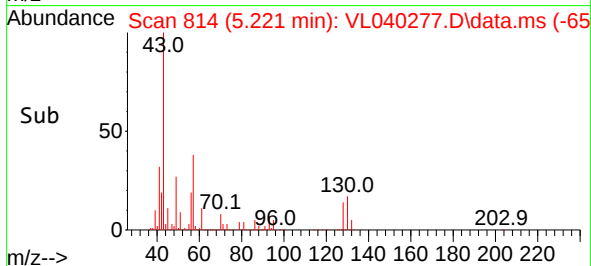
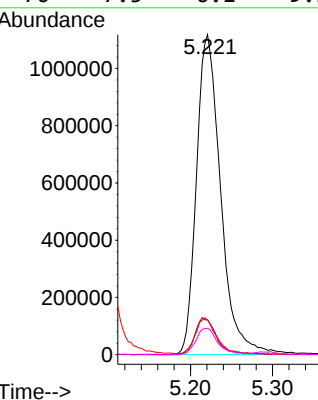
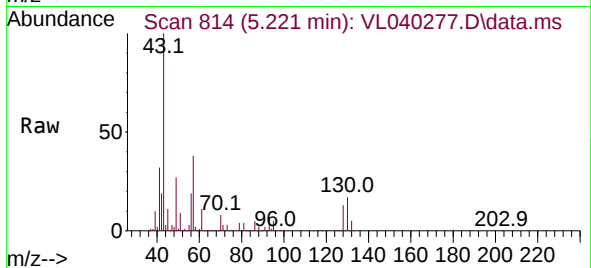
70 7.5 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#26

Hexane

Concen: 10.845 ppbv

RT: 5.230 min Scan# 817

Delta R.T. 0.006 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Tgt Ion: 57 Resp: 989505

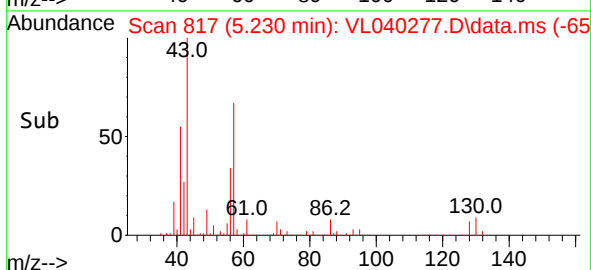
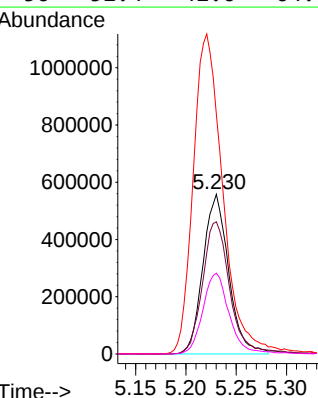
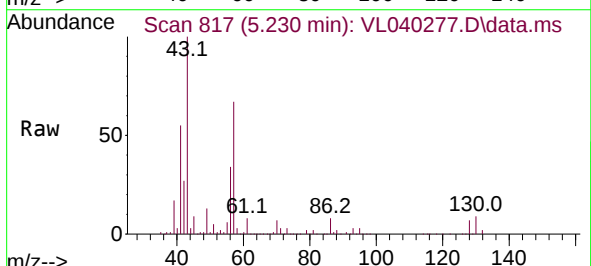
Ion Ratio Lower Upper

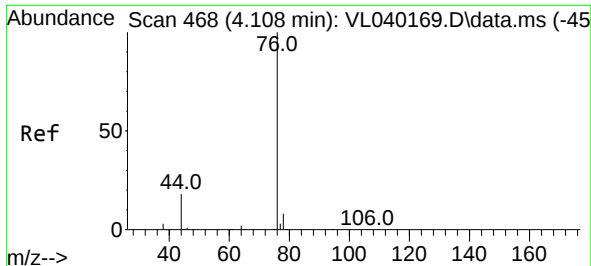
57 100

41 88.7 74.3 111.5

43 233.2 193.0 289.4

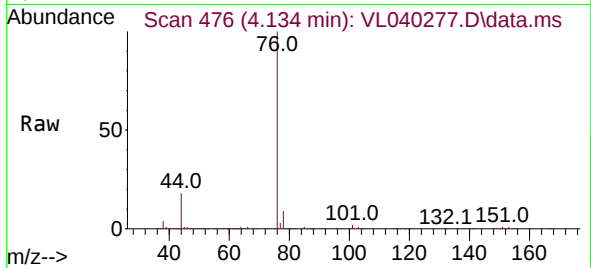
56 52.4 42.6 64.0





#27
Carbon Disulfide
Concen: 11.500 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

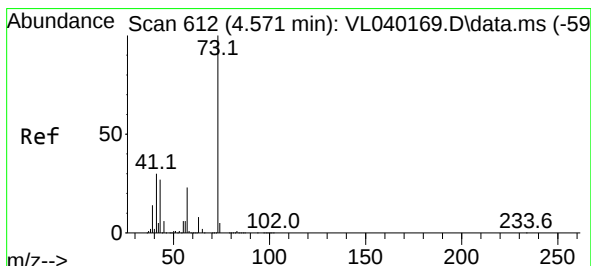
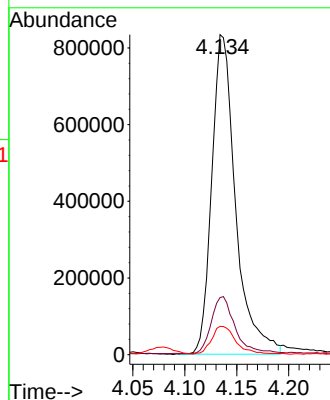
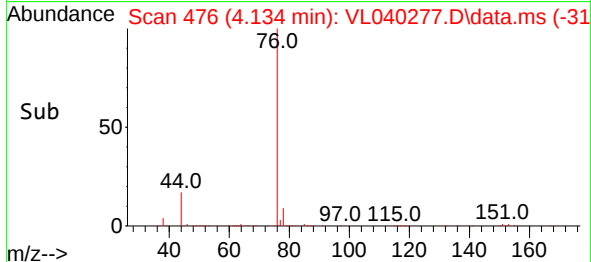
Instrument :
MSVOA_L
ClientSampleId :
VSTDC0010EC



Tgt Ion: 76 Resp: 133149
Ion Ratio Lower Upper
76 100
44 18.3 15.3 22.9
78 9.4 7.7 11.5

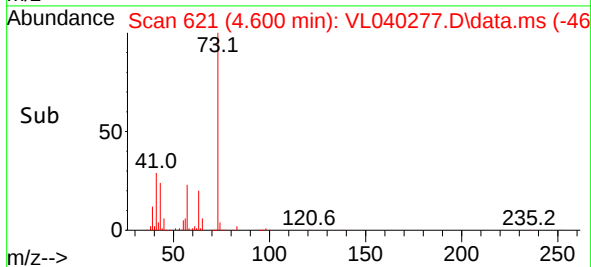
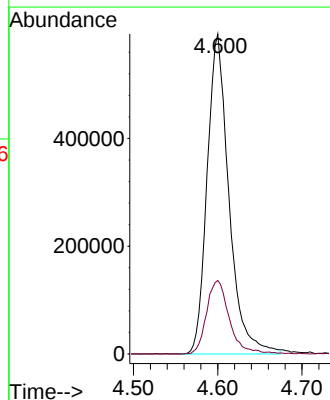
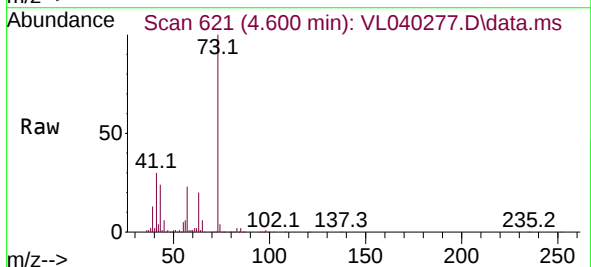
Manual Integrations
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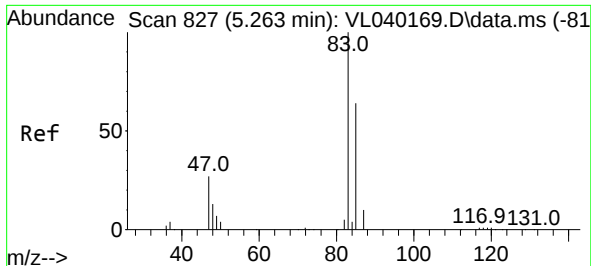
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#28
Methyl tert-Butyl Ether
Concen: 10.944 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Tgt Ion: 73 Resp: 1069969
Ion Ratio Lower Upper
73 100
57 24.2 18.8 28.2





#29

Chloroform

Concen: 10.160 ppbv

RT: 5.291 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 159176

Ion Ratio Lower Upper

83 100

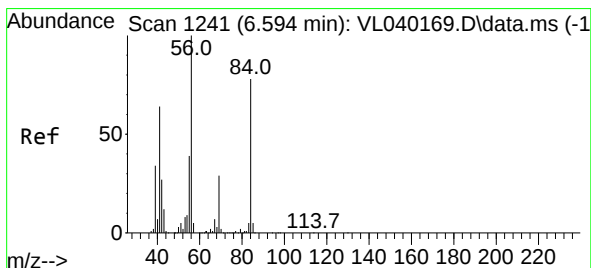
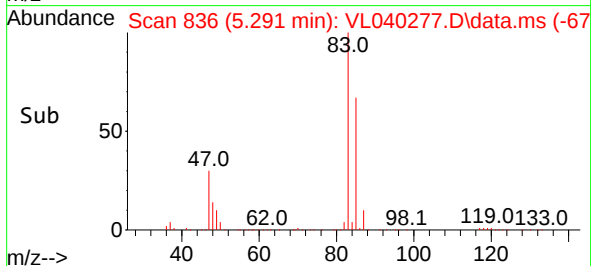
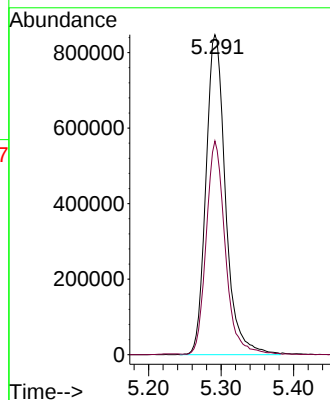
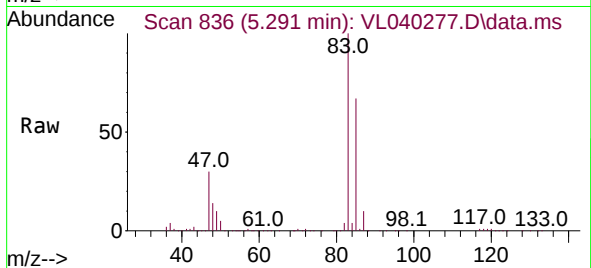
85 66.6 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#30

Cyclohexane

Concen: 11.796 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.006 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

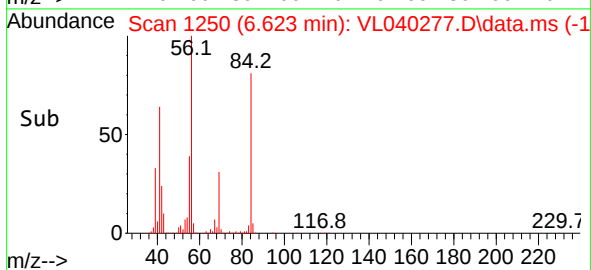
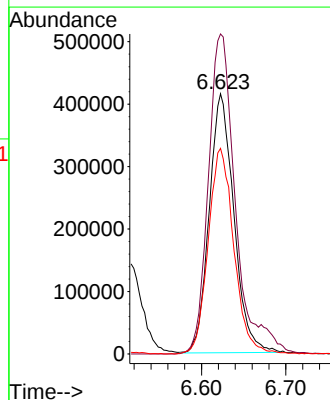
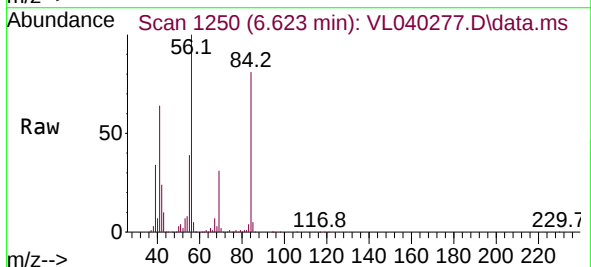
Tgt Ion: 84 Resp: 845113

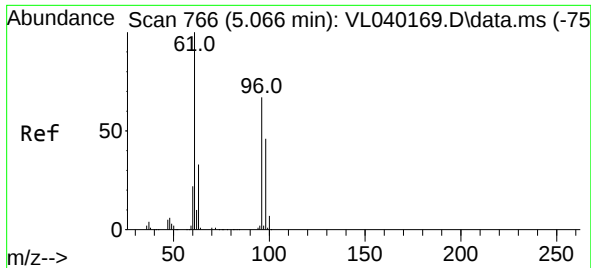
Ion Ratio Lower Upper

84 100

56 136.3 109.9 164.9

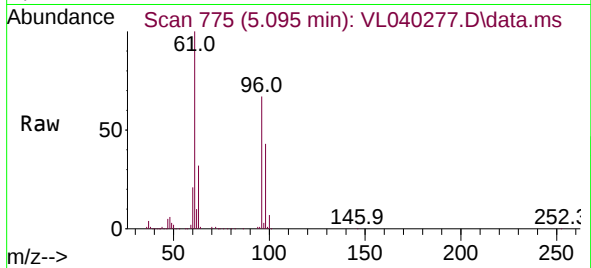
41 82.5 67.8 101.6





#31
 cis-1,2-Dichloroethene
 Concen: 10.164 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL040277.D
 Acq: 14 Mar 2023 9:06

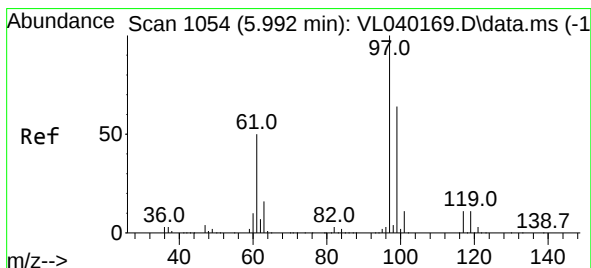
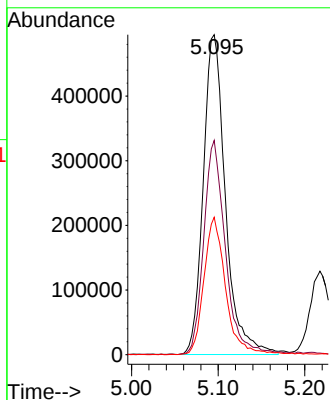
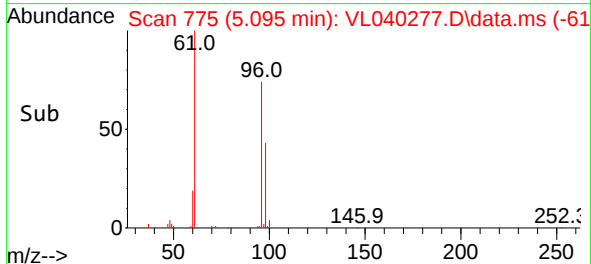
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 88116
 Ion Ratio Lower Upper
 61 100
 96 66.9 53.7 80.5
 98 42.9 36.4 54.6

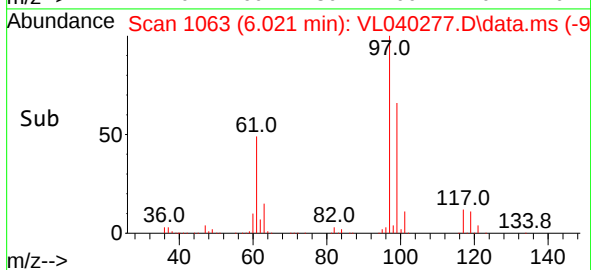
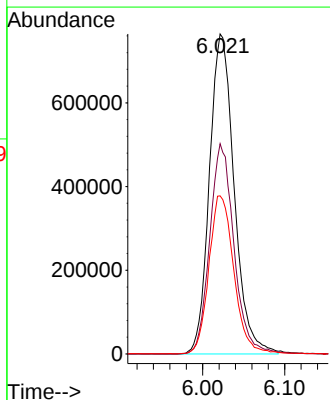
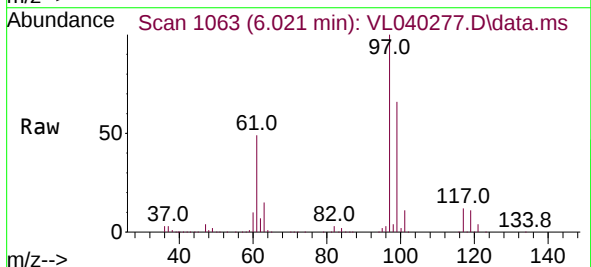
Manual Integrations
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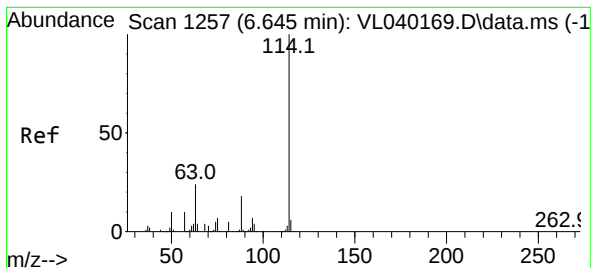
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.903 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.006 min
 Lab File: VL040277.D
 Acq: 14 Mar 2023 9:06

Tgt Ion: 97 Resp: 1604980
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.5 77.3
 61 50.2 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDC010EC

Tgt Ion:114 Resp: 259579

Ion Ratio Lower Upper

114 100

63 24.9 20.4 30.6

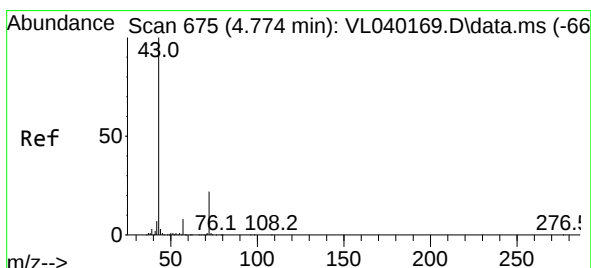
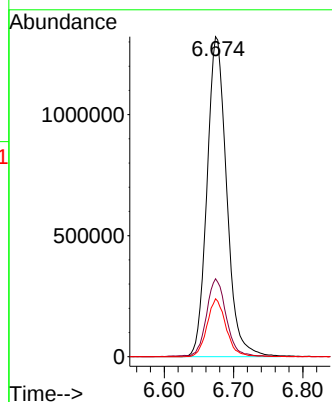
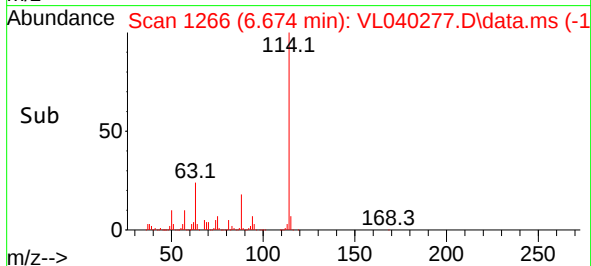
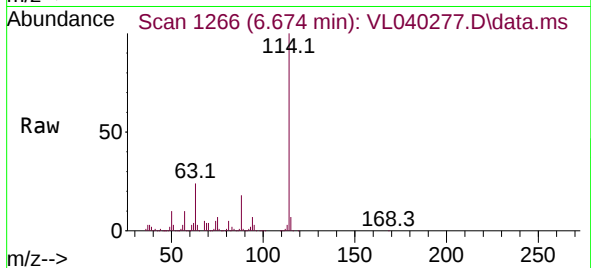
88 17.6 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#34

2-Butanone

Concen: 10.003 ppbv

RT: 4.799 min Scan# 683

Delta R.T. 0.006 min

Lab File: VL040277.D

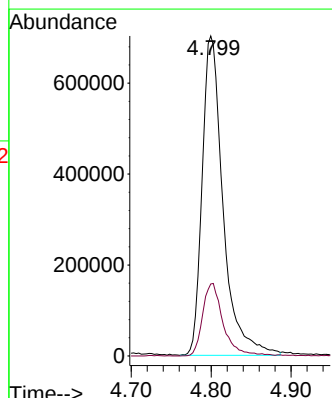
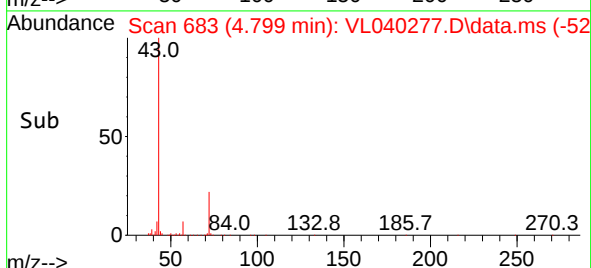
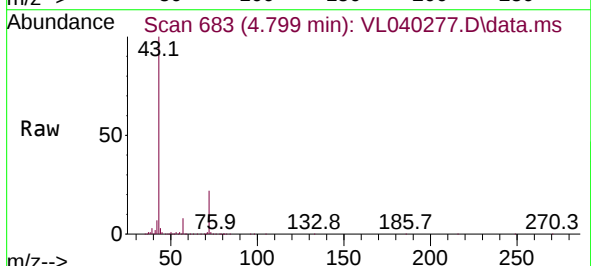
Acq: 14 Mar 2023 9:06

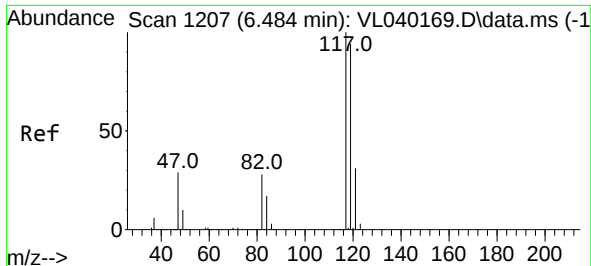
Tgt Ion: 43 Resp: 1280849

Ion Ratio Lower Upper

43 100

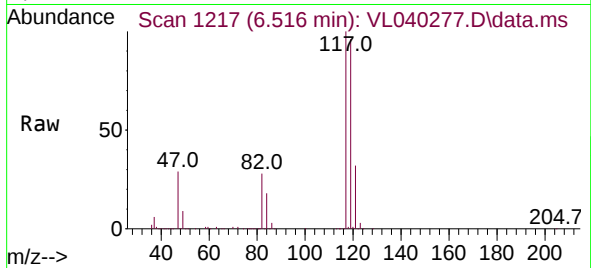
72 22.7 17.8 26.8





#35
Carbon Tetrachloride
Concen: 10.679 ppbv
RT: 6.516 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

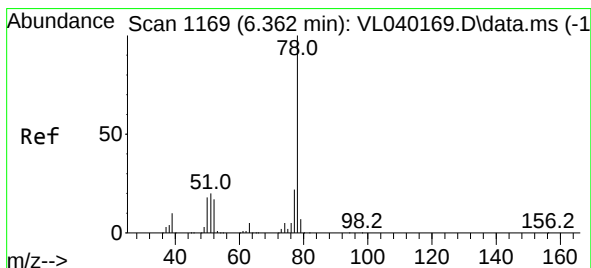
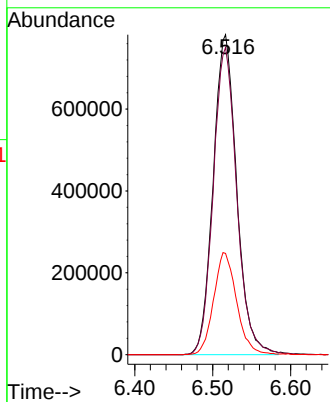
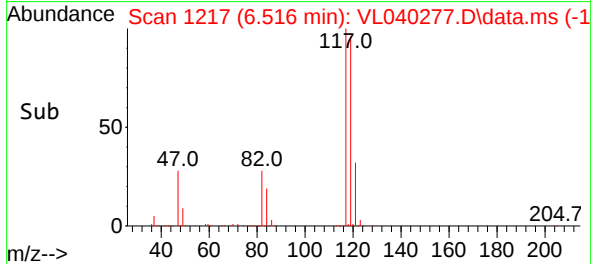
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 163880
Ion Ratio Lower Upper
117 100
119 96.0 75.0 112.6
121 31.7 25.0 37.4

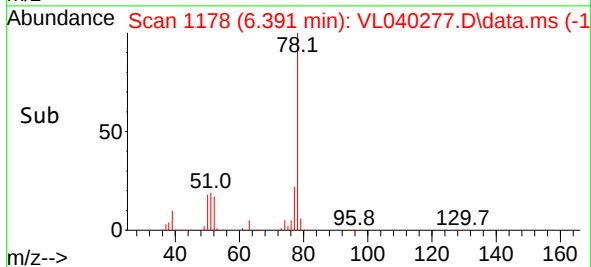
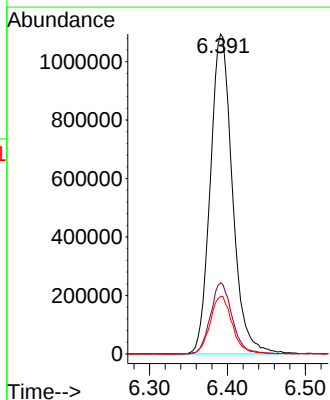
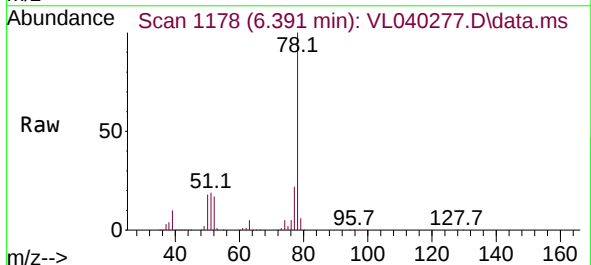
Manual Integrations
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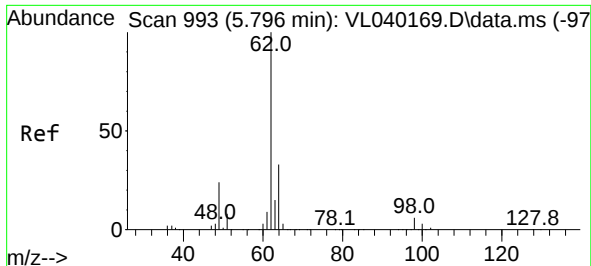
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#36
Benzene
Concen: 10.650 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

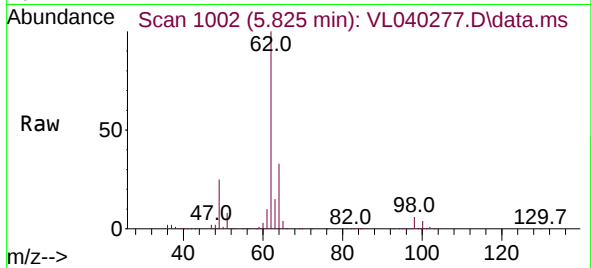
Tgt Ion: 78 Resp: 2151468
Ion Ratio Lower Upper
78 100
77 22.3 17.5 26.3
50 18.0 14.6 22.0





#37
1,2-Dichloroethane
Concen: 9.750 ppbv
RT: 5.825 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

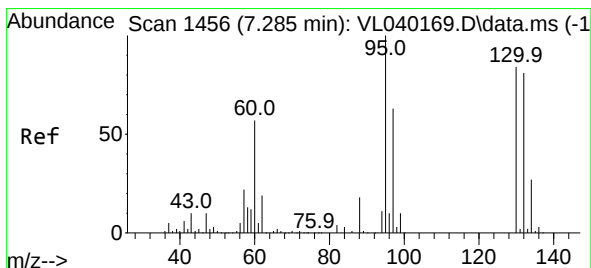
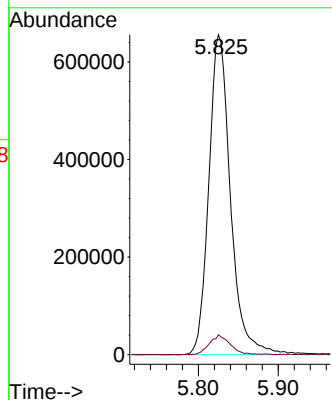
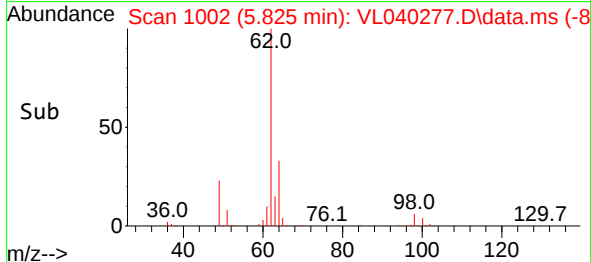
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1231799
Ion Ratio Lower Upper
62 100
98 6.2 4.7 7.1

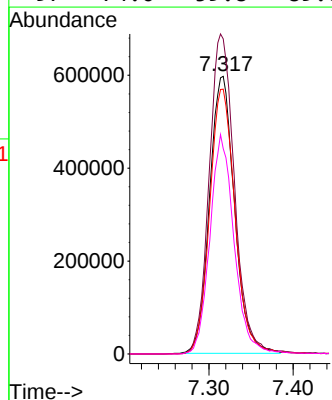
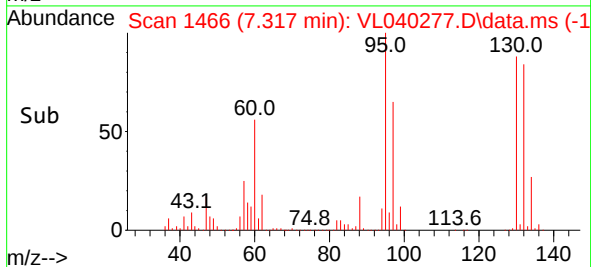
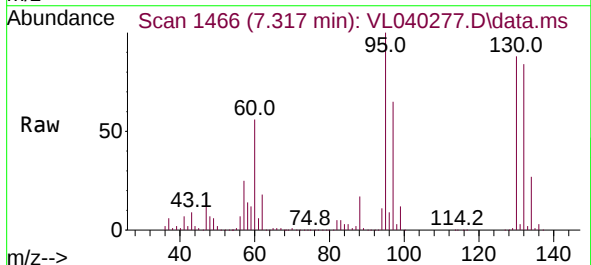
Manual Integrations
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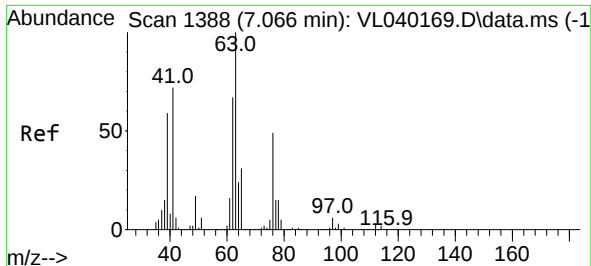
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#38
Trichloroethene
Concen: 11.046 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Tgt Ion:130 Resp: 1229606
Ion Ratio Lower Upper
130 100
95 113.6 94.7 142.1
132 95.5 76.4 114.6
97 74.0 59.8 89.6





#39

1,2-Dichloropropane

Concen: 10.407 ppbv

RT: 7.098 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

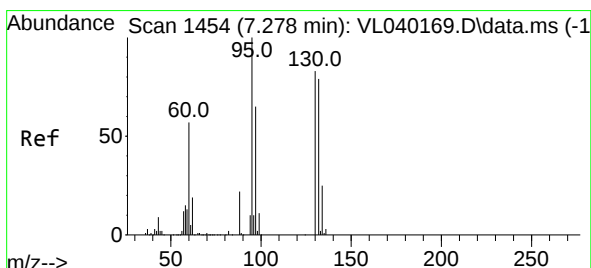
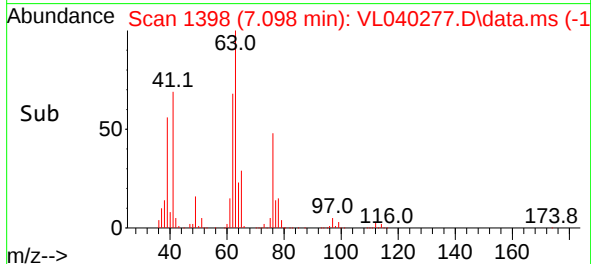
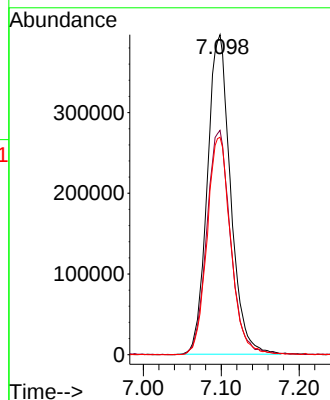
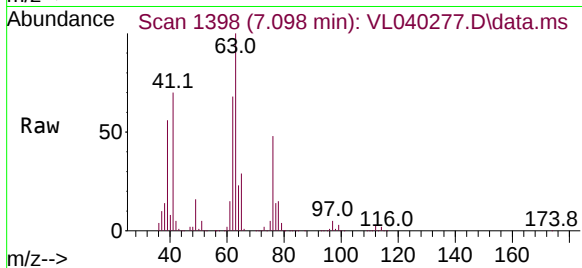
Tgt Ion: 63 Resp: 81778

Ion	Ratio	Lower	Upper
63	100		
41	70.1	57.6	86.4
62	68.0	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#40

1,4-Dioxane

Concen: 9.484 ppbv

RT: 7.311 min Scan# 1464

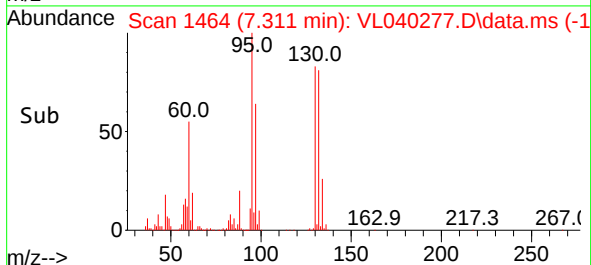
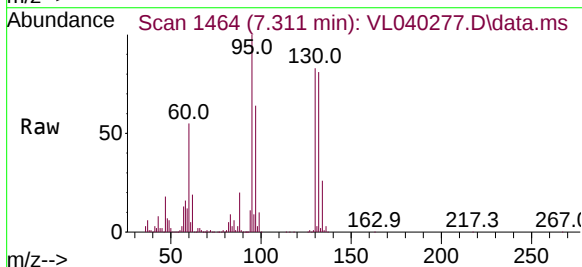
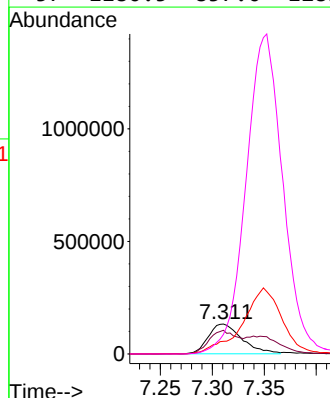
Delta R.T. 0.010 min

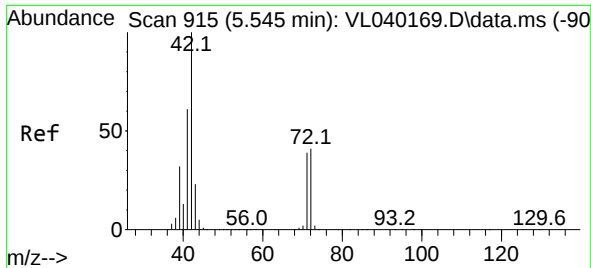
Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Tgt Ion: 88 Resp: 298131

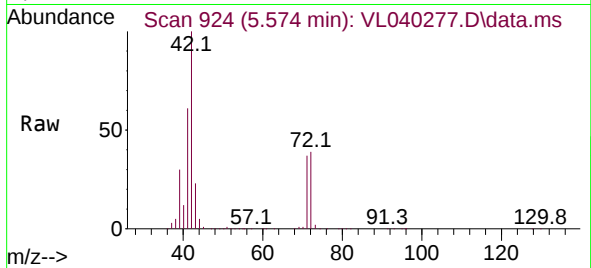
Ion	Ratio	Lower	Upper
88	100		
58	128.3	97.4	146.0
43	260.4	193.5	290.3
57	1180.5	857.0	1285.6





#41
Tetrahydrofuran
Concen: 11.145 ppbv
RT: 5.574 min Scan# 915
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

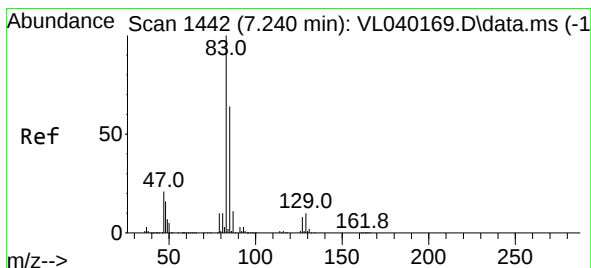
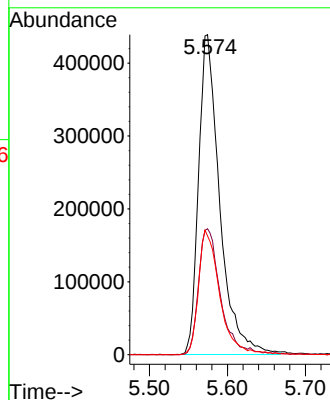
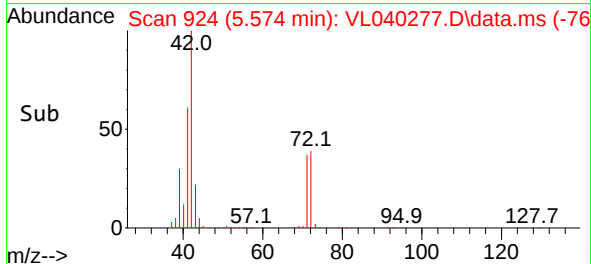
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 826975
Ion Ratio Lower Upper
42 100
72 41.2 33.0 49.4
71 39.3 31.4 47.2

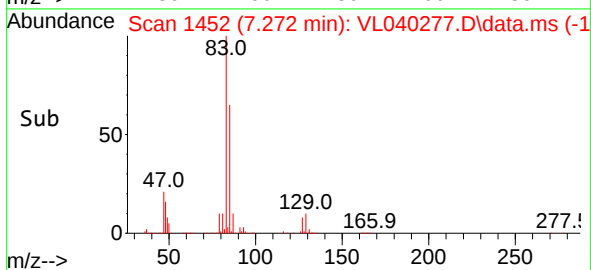
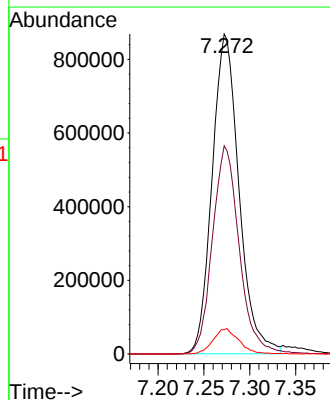
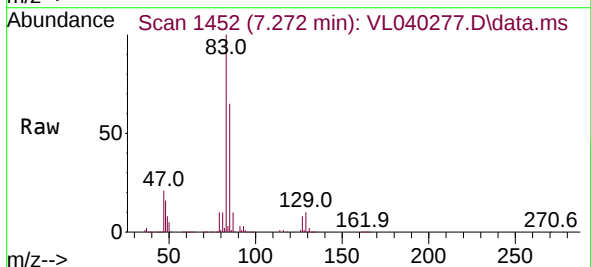
Manual Integrations
APPROVED

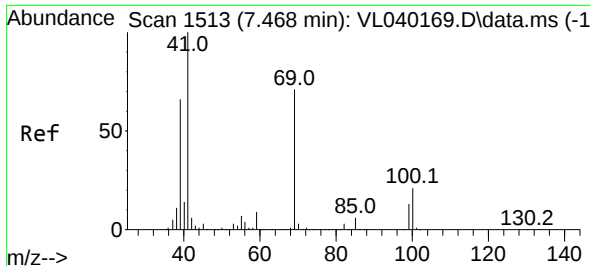
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#42
Bromodichloromethane
Concen: 10.163 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Tgt Ion: 83 Resp: 1772240
Ion Ratio Lower Upper
83 100
85 65.0 50.9 76.3
127 7.6 6.2 9.2





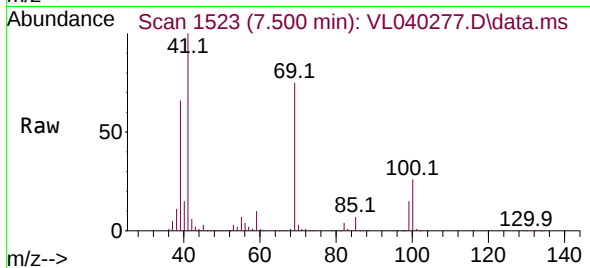
#43
Methyl Methacrylate
Concen: 11.372 ppbv
RT: 7.500 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

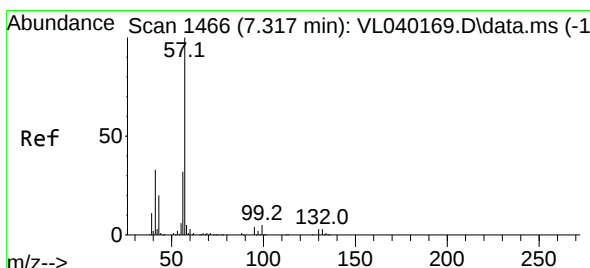
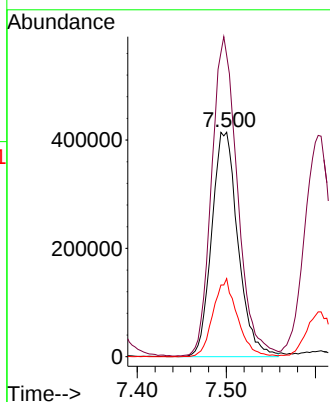
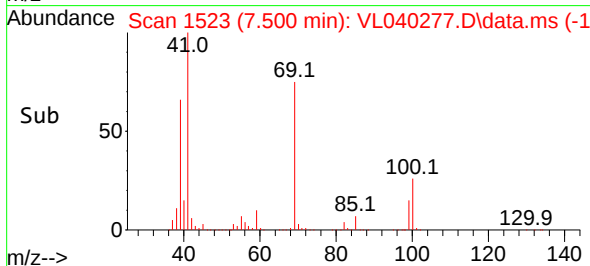


Tgt Ion: 69 Resp: 850060
Ion Ratio Lower Upper
69 100
41 140.2 116.6 174.8
100 32.1 25.6 38.4

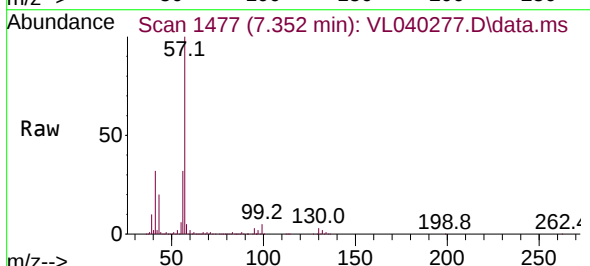
Manual Integrations

APPROVED

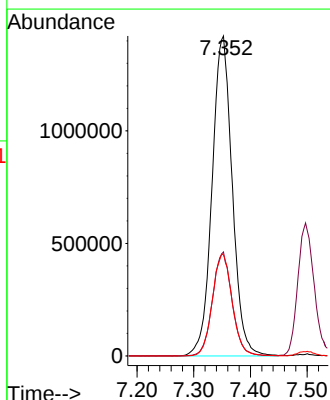
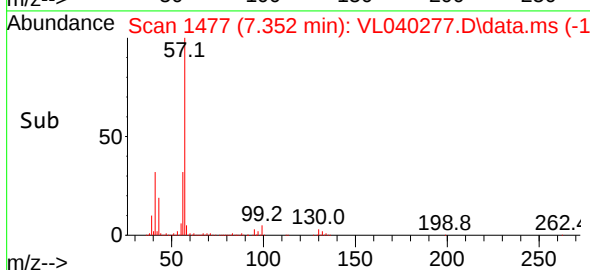
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

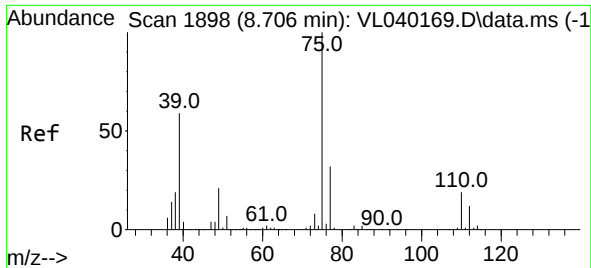


#44
2,2,4-Trimethylpentane
Concen: 10.432 ppbv
RT: 7.352 min Scan# 1477
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06



Tgt Ion: 57 Resp: 3517669
Ion Ratio Lower Upper
57 100
41 31.4 26.2 39.4
56 31.4 24.9 37.3





#45
t-1,3-Dichloropropene
Concen: 12.009 ppbv
RT: 8.738 min Scan# 1730
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

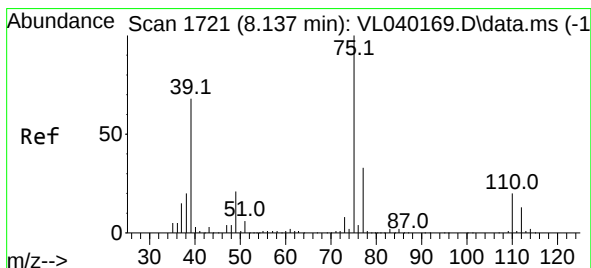
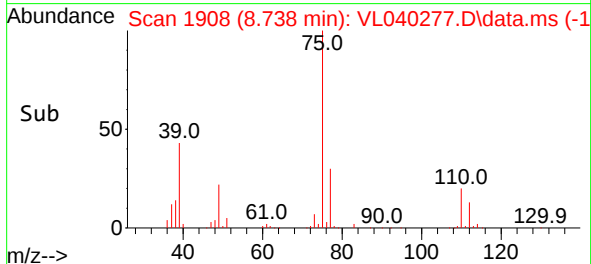
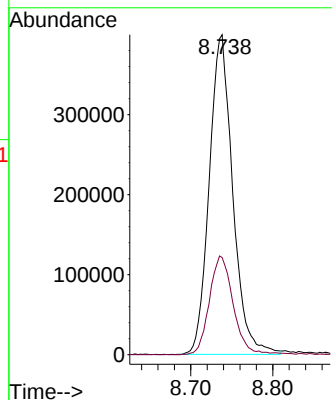
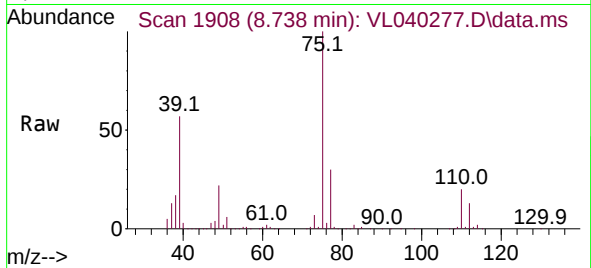
VSTDCCC010EC

Tgt Ion: 75 Resp: 79624
Ion Ratio Lower Upper
75 100
77 30.3 25.7 38.5

Manual Integrations

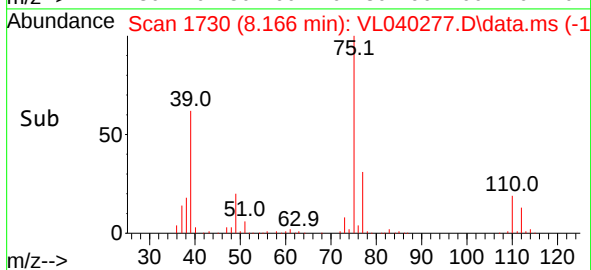
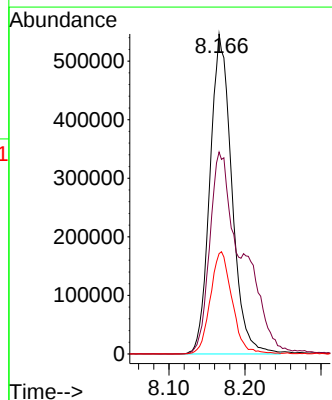
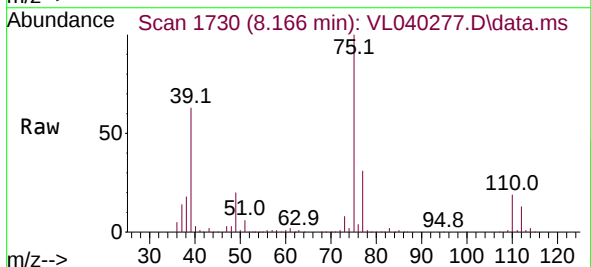
APPROVED

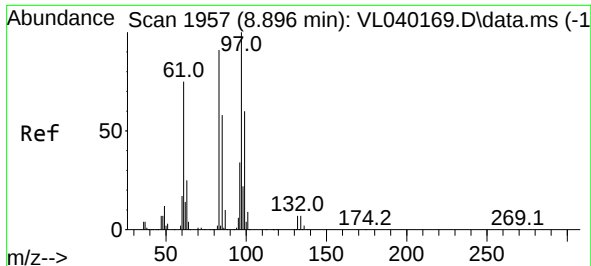
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#46
cis-1,3-Dichloropropene
Concen: 11.813 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Tgt Ion: 75 Resp: 1091241
Ion Ratio Lower Upper
75 100
39 63.0 54.2 81.2
77 31.4 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 10.277 ppbv

RT: 8.928 min Scan# 1957

Delta R.T. 0.010 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 87350

Ion Ratio Lower Upper

97 100

83 88.7 72.8 109.2

85 57.4 46.6 69.8

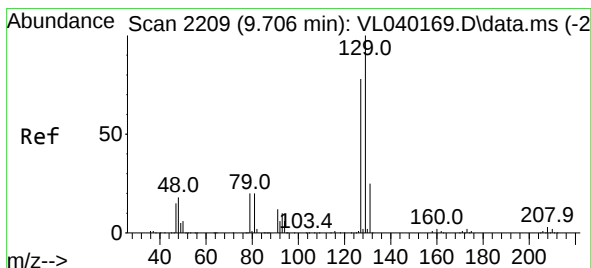
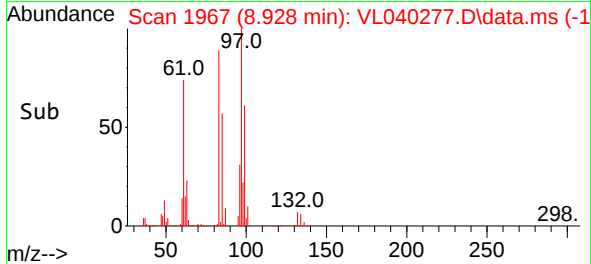
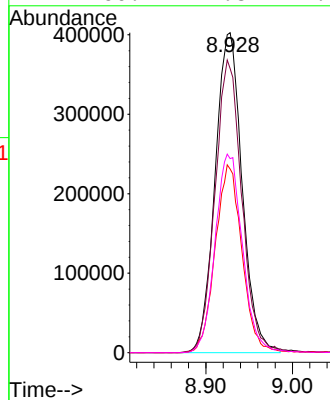
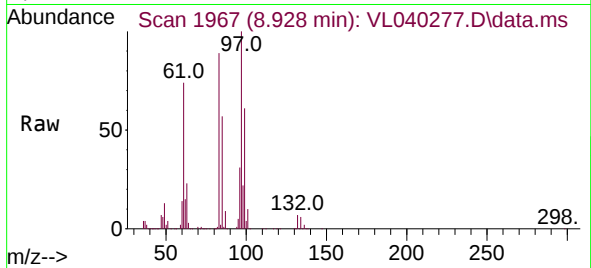
99 60.7 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#48

Dibromochloromethane

Concen: 10.786 ppbv

RT: 9.741 min Scan# 2220

Delta R.T. 0.013 min

Lab File: VL040277.D

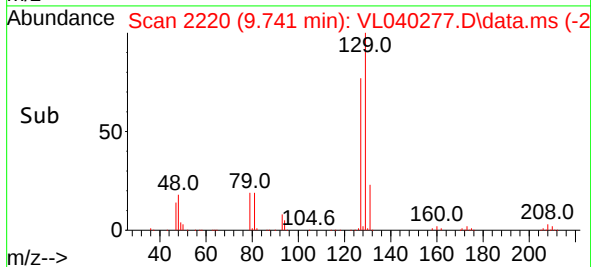
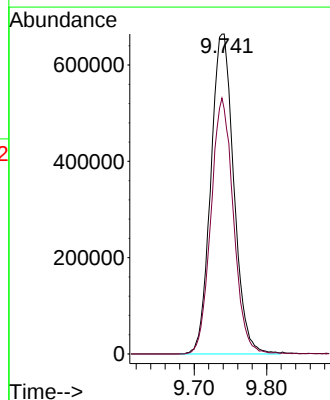
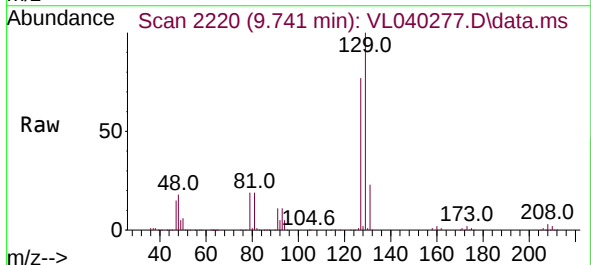
Acq: 14 Mar 2023 9:06

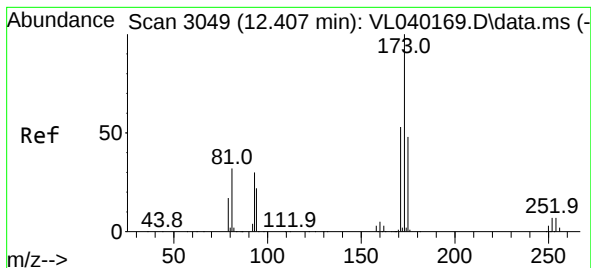
Tgt Ion:129 Resp: 1466349

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.2





#49

Bromoform

Concen: 10.779 ppbv

RT: 12.439 min Scan# 3049

Delta R.T. 0.010 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

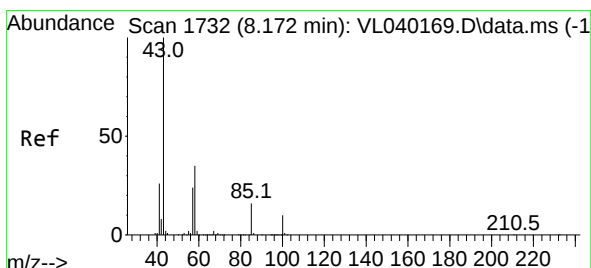
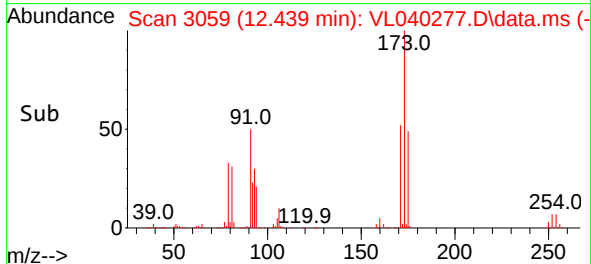
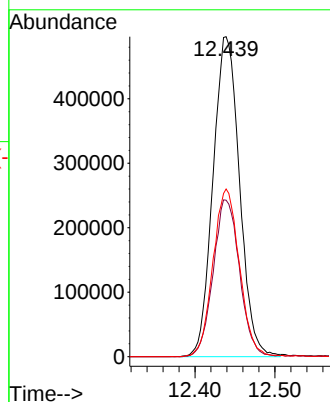
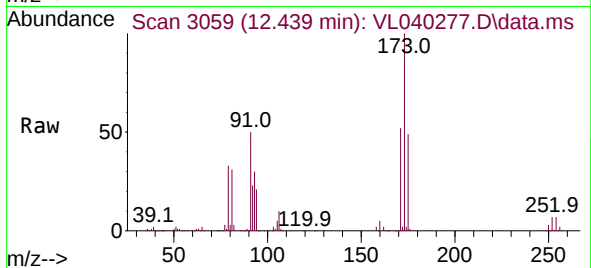
Tgt Ion:173 Resp: 114377

Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.4	59.0
171	52.4	41.8	62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#50

4-Methyl-2-Pentanone

Concen: 10.813 ppbv

RT: 8.204 min Scan# 1742

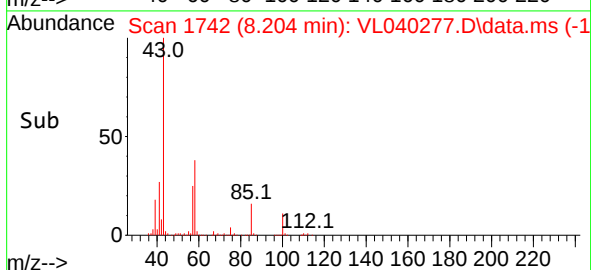
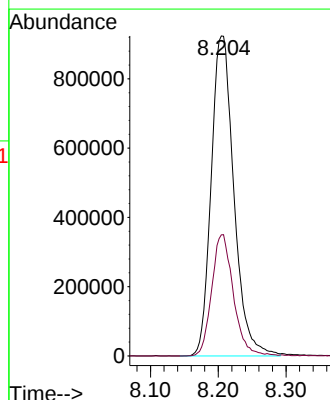
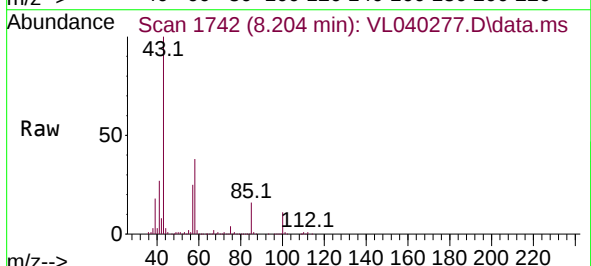
Delta R.T. 0.010 min

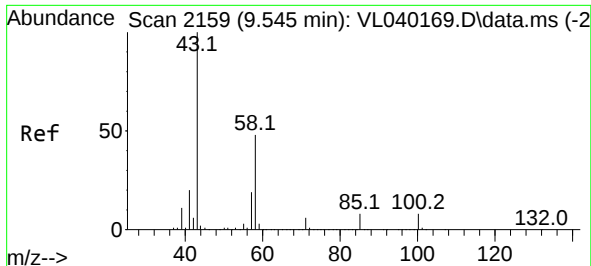
Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Tgt Ion: 43 Resp: 2149898

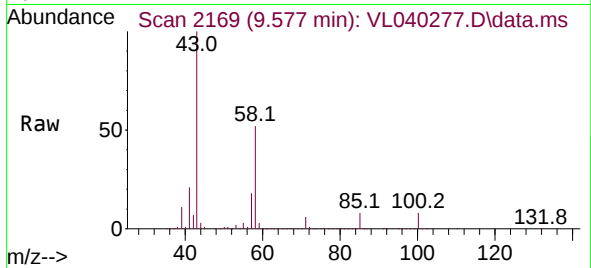
Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.2	43.8





#51
2-Hexanone
Concen: 10.837 ppbv
RT: 9.577 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

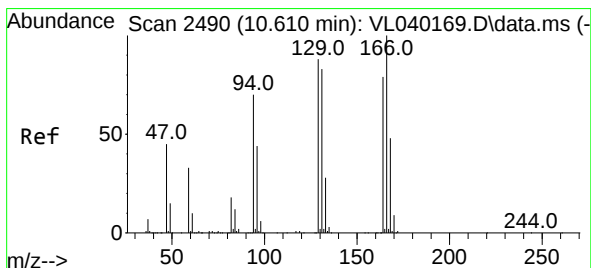
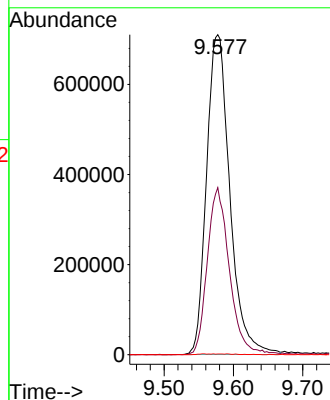
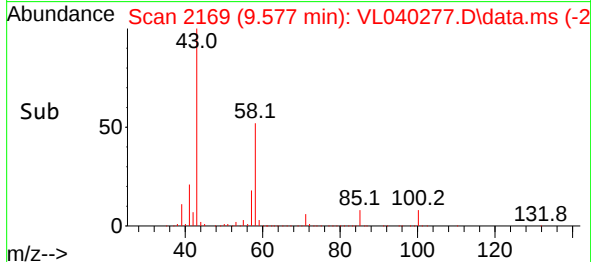
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 165695
Ion Ratio Lower Upper
43 100
58 49.9 39.1 58.7
98 0.2 0.2 0.4

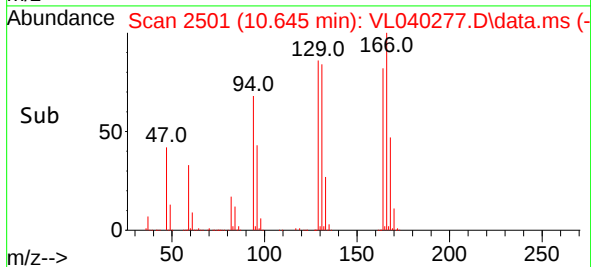
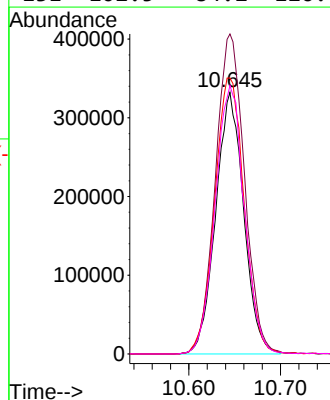
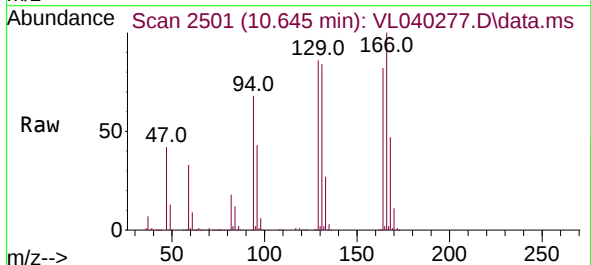
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APPROVED

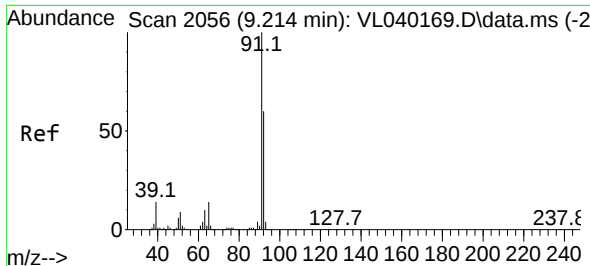
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#52
Tetrachloroethene
Concen: 11.130 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

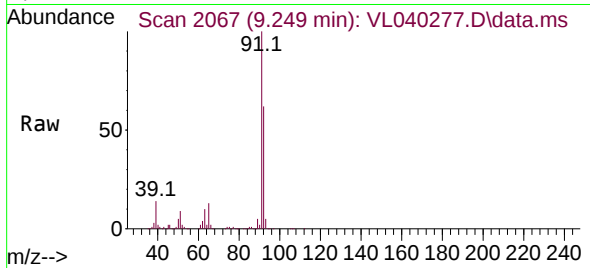
Tgt Ion:164 Resp: 702077
Ion Ratio Lower Upper
164 100
166 122.2 101.5 152.3
129 105.4 89.0 133.4
131 102.5 84.2 126.4





#53
Toluene
Concen: 11.207 ppbv
RT: 9.249 min Scan# 2056
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

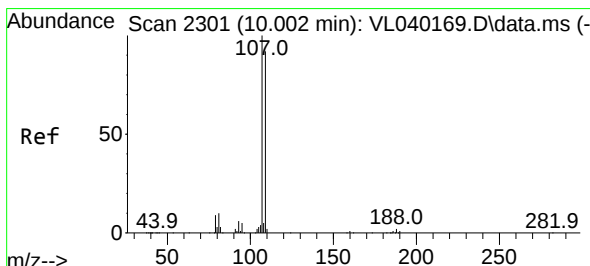
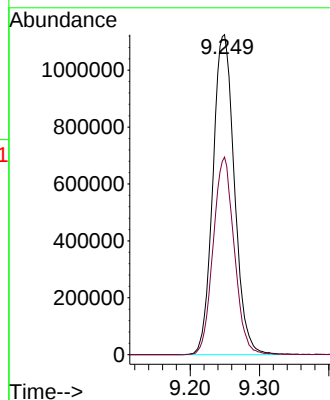
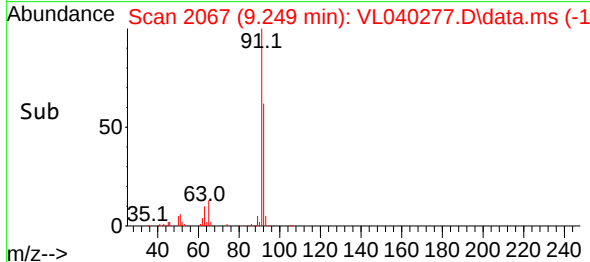
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



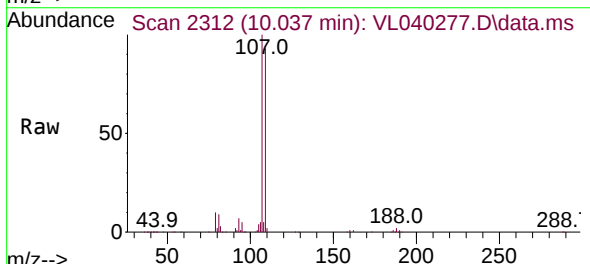
Tgt Ion: 91 Resp: 242477
Ion Ratio Lower Upper
91 100
92 60.6 48.9 73.3

Manual Integrations
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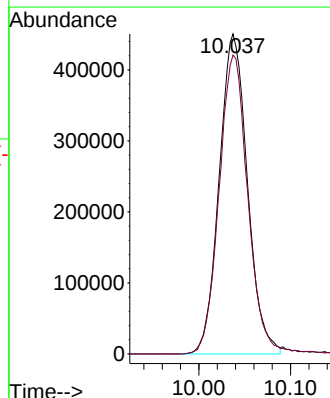
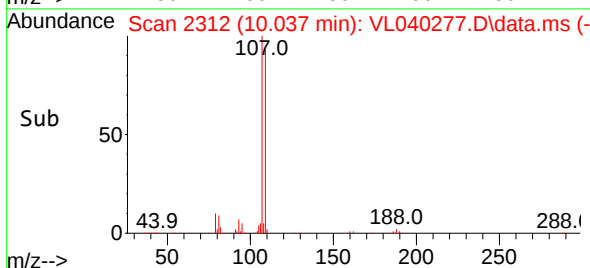
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

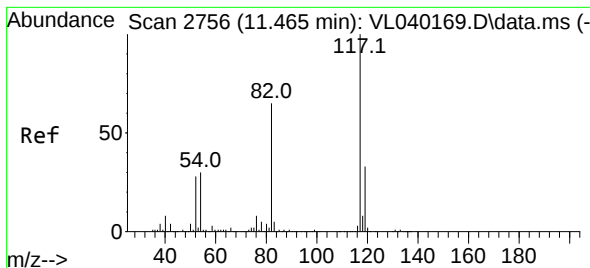


#54
1,2-Dibromoethane
Concen: 10.887 ppbv
RT: 10.037 min Scan# 2312
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06



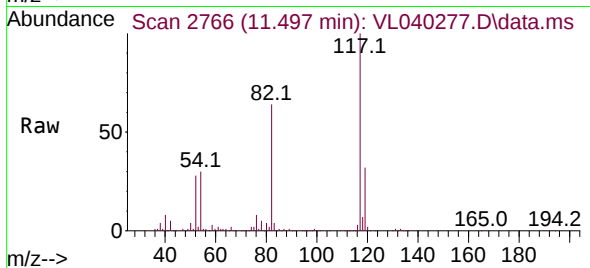
Tgt Ion:107 Resp: 962814
Ion Ratio Lower Upper
107 100
109 93.4 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.497 min Scan# 2756
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

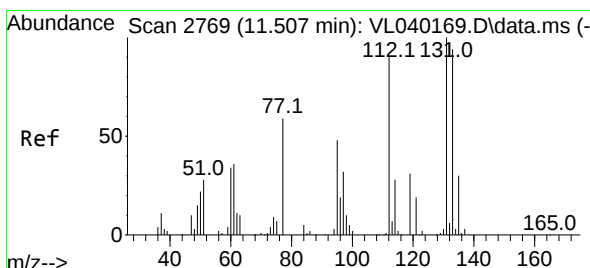
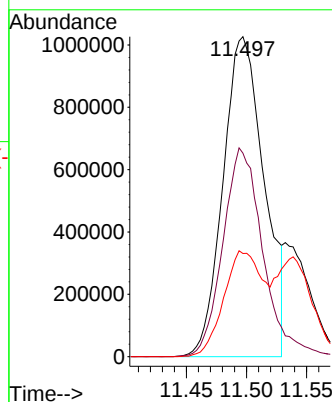
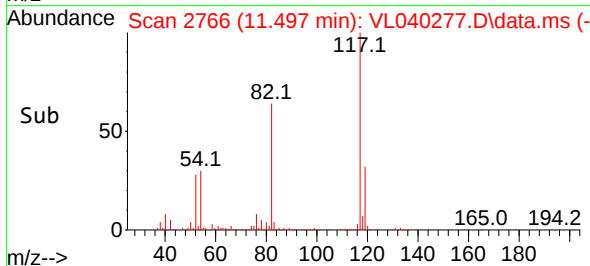
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 244940
Ion Ratio Lower Upper
117 100
82 63.7 53.3 79.9
119 28.1 24.6 37.0

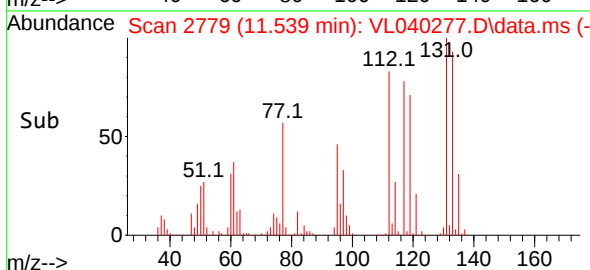
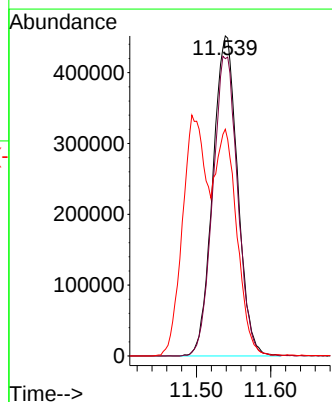
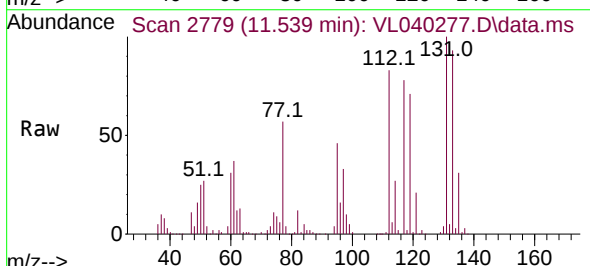
Manual Integrations
APPROVED

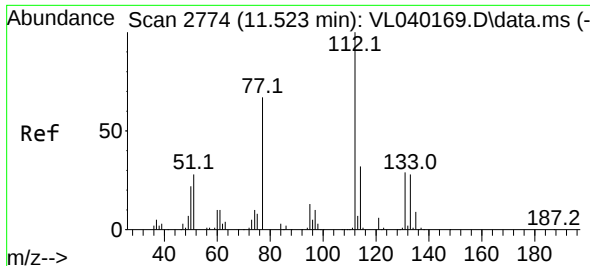
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.207 ppbv
RT: 11.539 min Scan# 2779
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

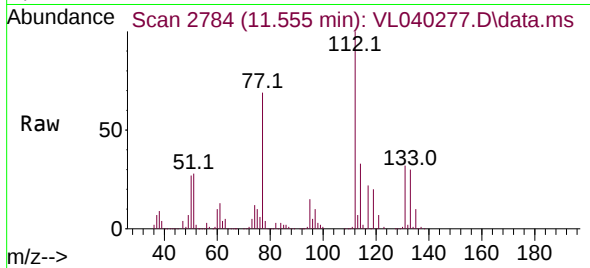
Tgt Ion:131 Resp: 1049488
Ion Ratio Lower Upper
131 100
133 94.1 76.2 114.2
119 63.4 45.4 68.0





#57
Chlorobenzene
Concen: 10.184 ppbv
RT: 11.555 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

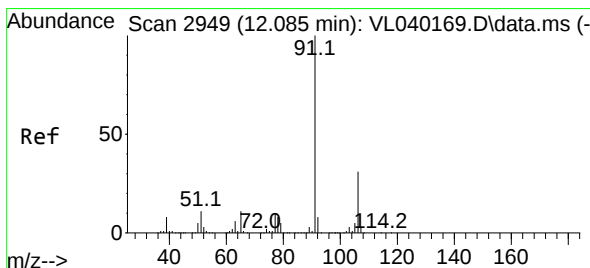
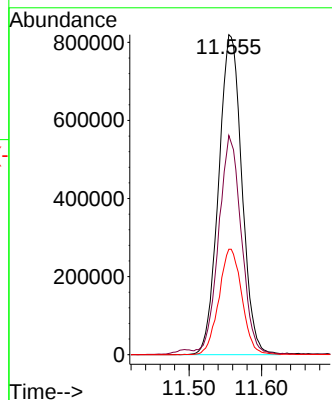
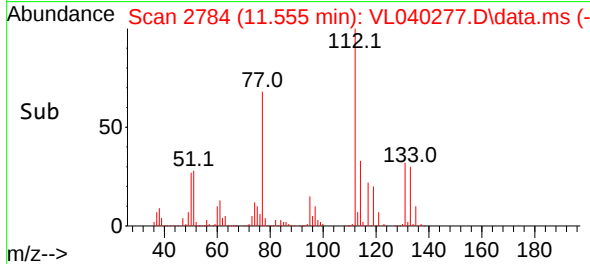
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 182250
Ion Ratio Lower Upper
112 100
77 68.2 55.0 82.4
114 32.9 29.0 35.4

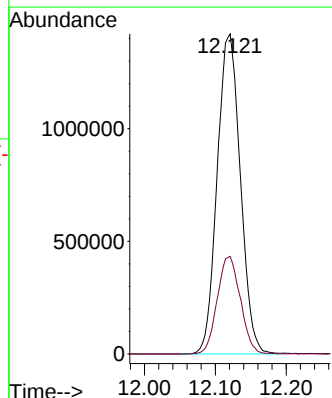
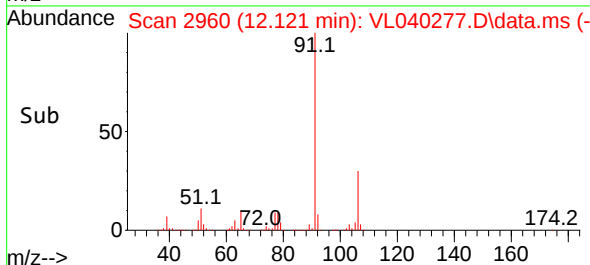
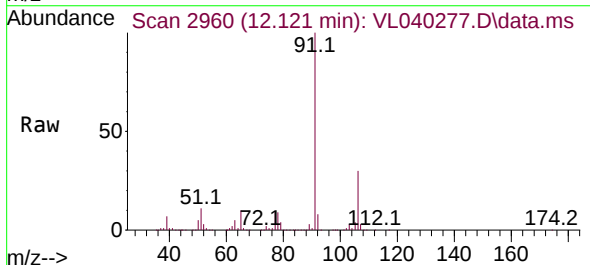
Manual Integrations
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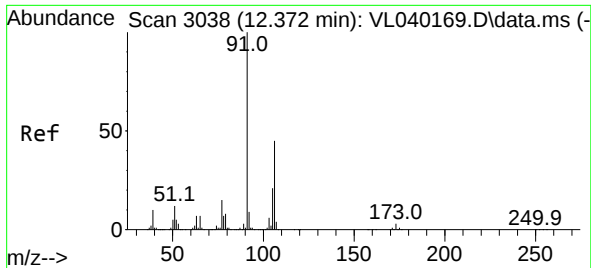
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#58
Ethyl Benzene
Concen: 10.845 ppbv
RT: 12.121 min Scan# 2960
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Tgt Ion: 91 Resp: 3227627
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3





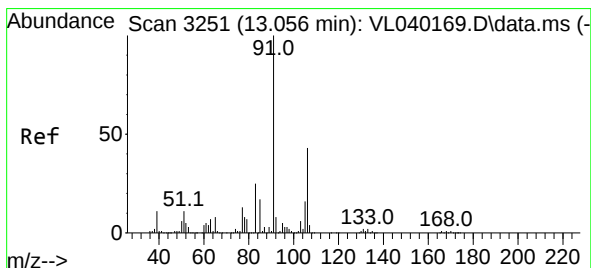
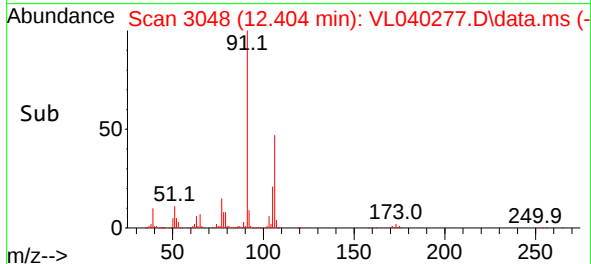
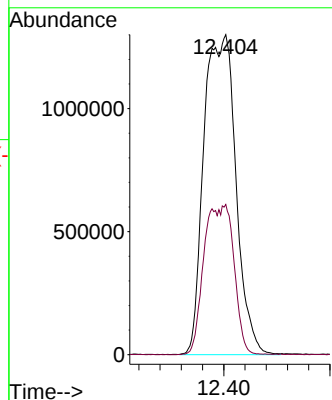
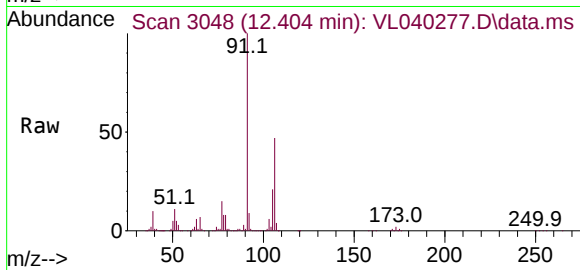
#59
m/p-Xylene
Concen: 20.645 ppbv m
RT: 12.404 min Scan# 3038
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 544189
Ion Ratio Lower Upper
91 100
106 44.0 34.6 51.8

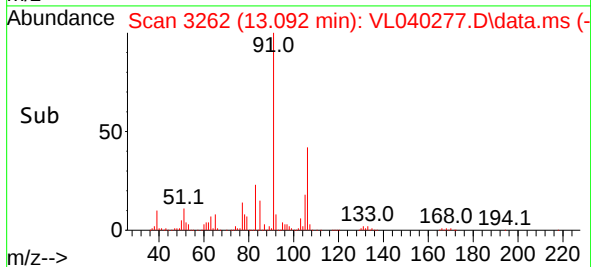
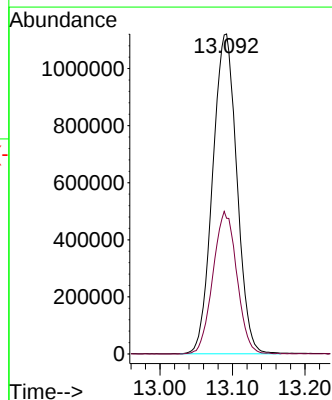
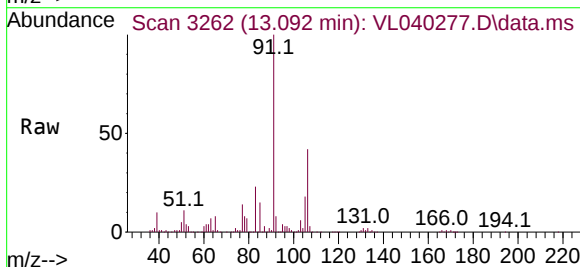
Manual Integrations
APPROVED

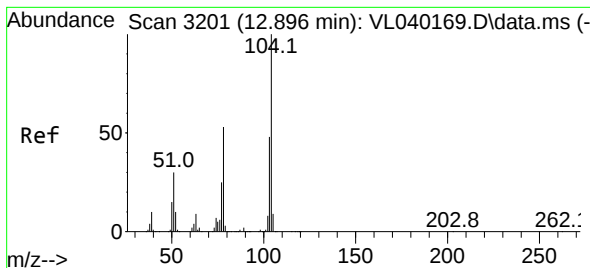
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#60
o-Xylene
Concen: 10.253 ppbv
RT: 13.092 min Scan# 3262
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Tgt Ion: 91 Resp: 2600595
Ion Ratio Lower Upper
91 100
106 44.1 21.6 65.0





#61

Styrene

Concen: 11.500 ppbv

RT: 12.925 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 153137

Ion Ratio Lower Upper

104 100

78 51.4 42.3 63.5

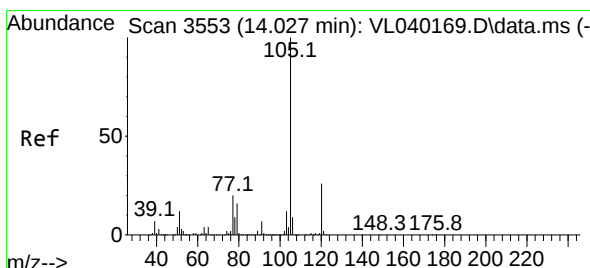
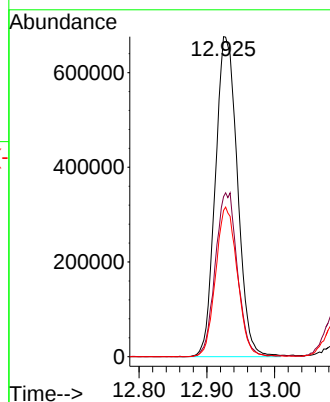
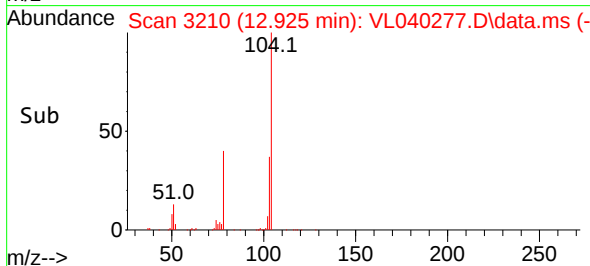
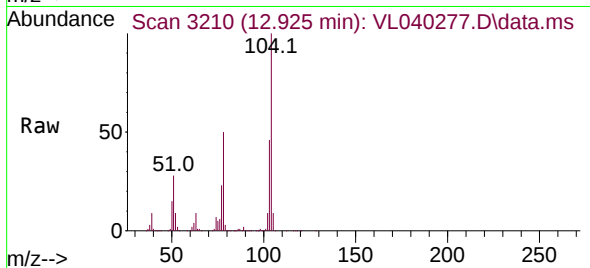
103 46.0 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#62

Isopropylbenzene

Concen: 10.089 ppbv

RT: 14.060 min Scan# 3563

Delta R.T. 0.006 min

Lab File: VL040277.D

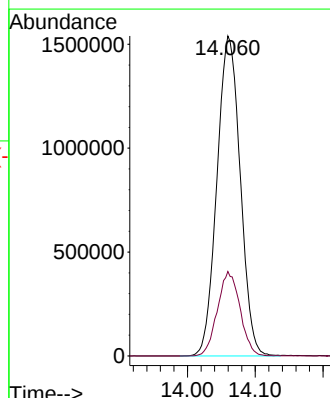
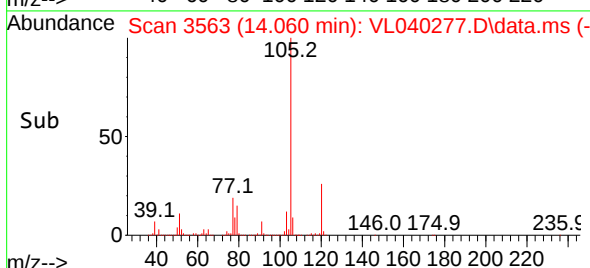
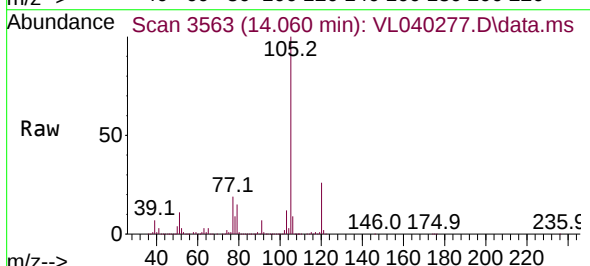
Acq: 14 Mar 2023 9:06

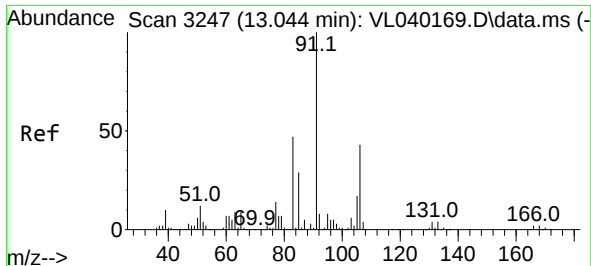
Tgt Ion:105 Resp: 3672957

Ion Ratio Lower Upper

105 100

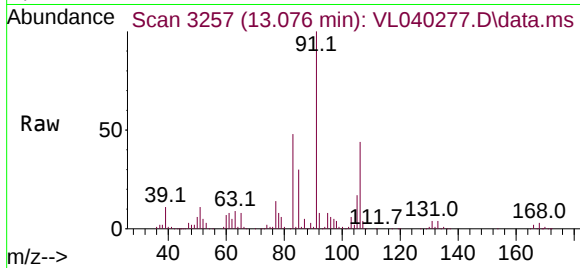
120 25.6 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.322 ppbv
RT: 13.076 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

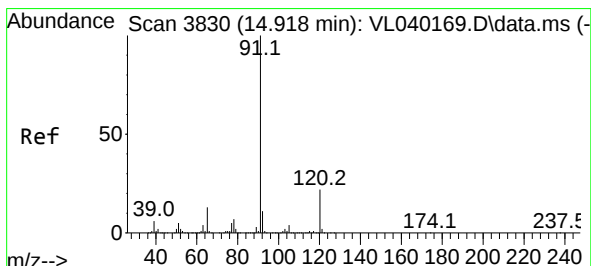
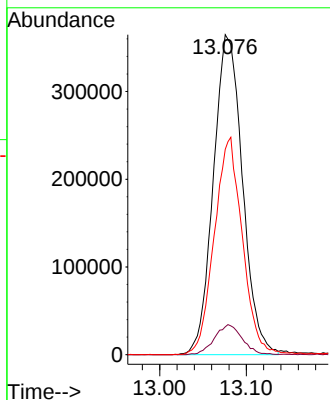
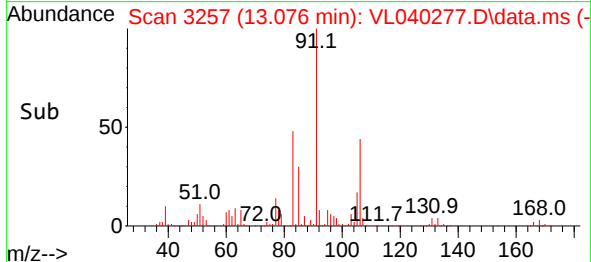
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



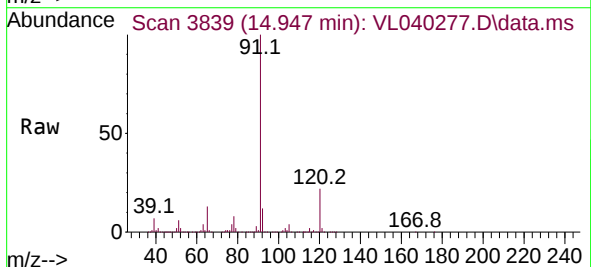
Tgt Ion: 83 Resp: 85198
Ion Ratio Lower Upper
83 100
131 9.0 4.4 13.2
85 66.0 33.0 99.0

Manual Integrations
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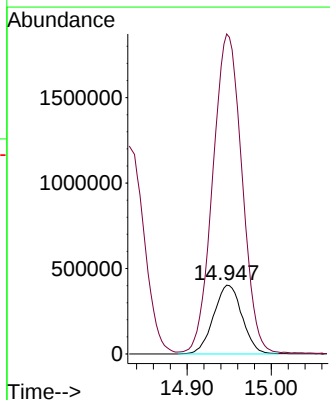
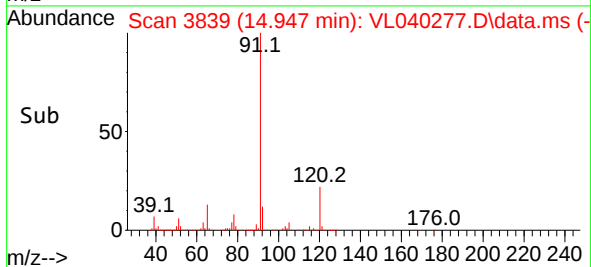
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

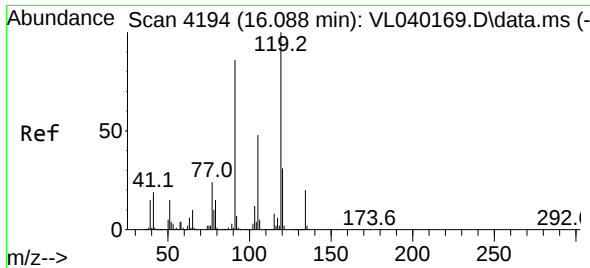


#64
n-propylbenzene
Concen: 10.480 ppbv
RT: 14.947 min Scan# 3839
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06



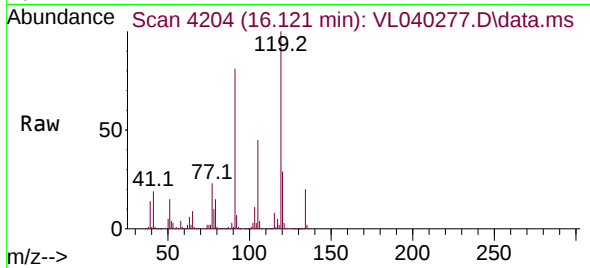
Tgt Ion:120 Resp: 944299
Ion Ratio Lower Upper
120 100
91 480.2 389.8 584.8





#65
tert-Butylbenzene
Concen: 9.980 ppbv
RT: 16.121 min Scan# 4194
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

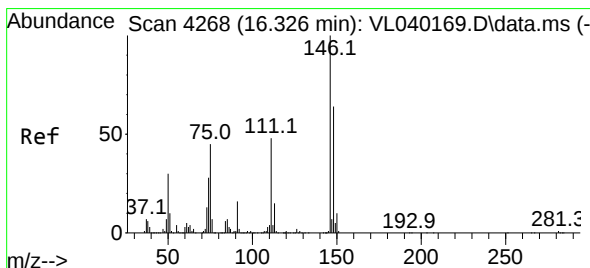
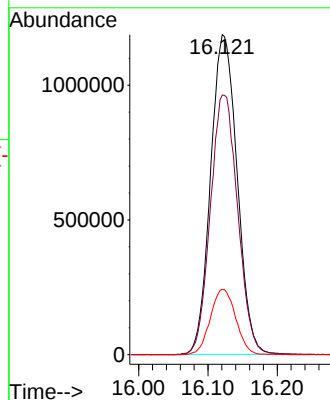
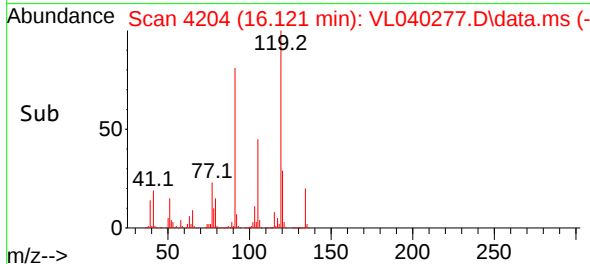
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



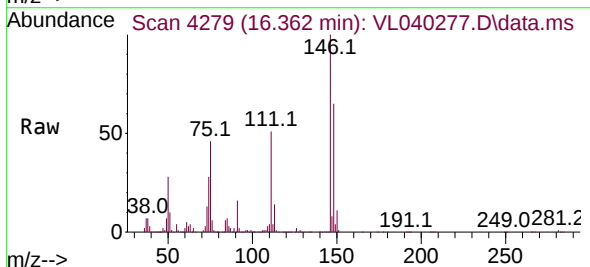
Tgt Ion:119 Resp: 3158110
Ion Ratio Lower Upper
119 100
91 83.8 68.6 102.8
134 19.7 15.9 23.9

Manual Integrations
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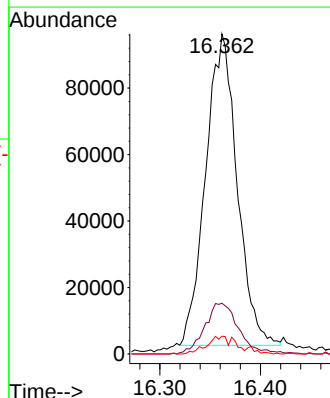
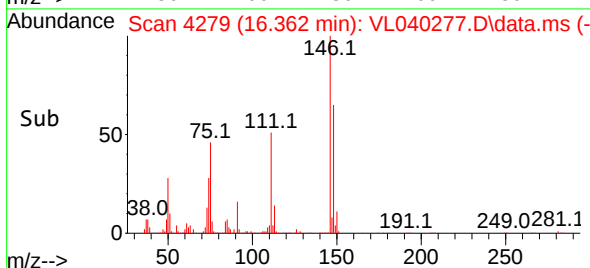
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

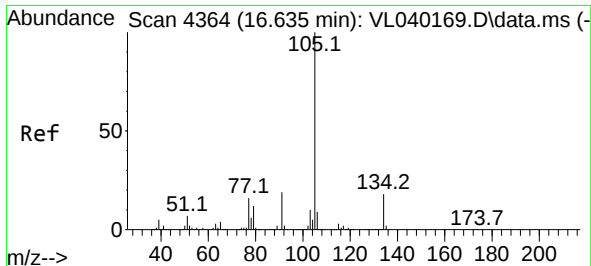


#66
Benzyl Chloride
Concen: 9.675 ppbv
RT: 16.362 min Scan# 4279
Delta R.T. 0.013 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06



Tgt Ion: 91 Resp: 203748
Ion Ratio Lower Upper
91 100
126 17.7 13.1 19.7
128 5.7 4.1 6.1





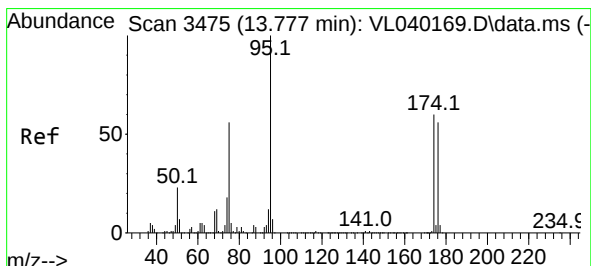
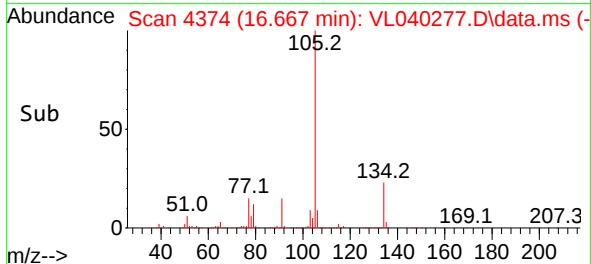
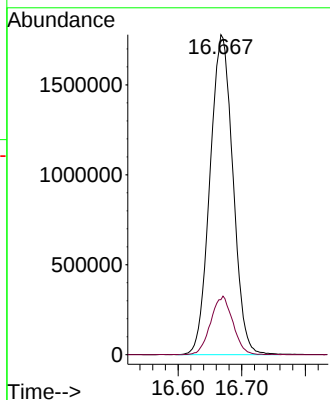
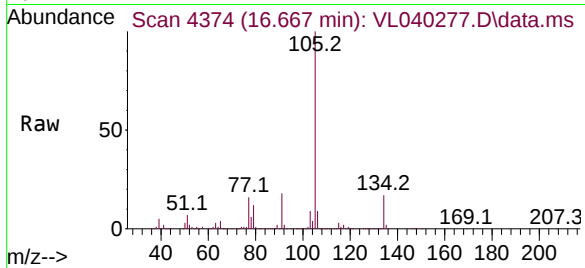
#67
 sec-Butylbenzene
 Concen: 9.826 ppbv
 RT: 16.667 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040277.D
 Acq: 14 Mar 2023 9:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:105 Resp: 4459620
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.1 21.1

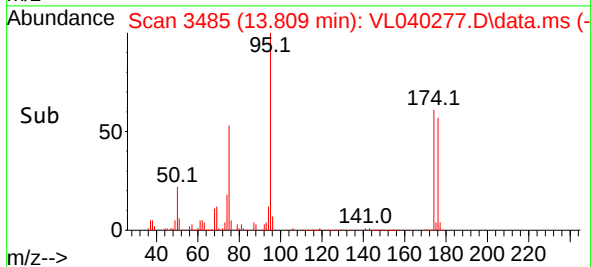
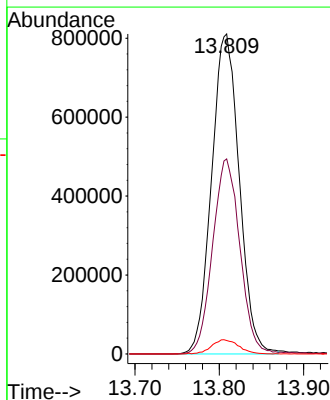
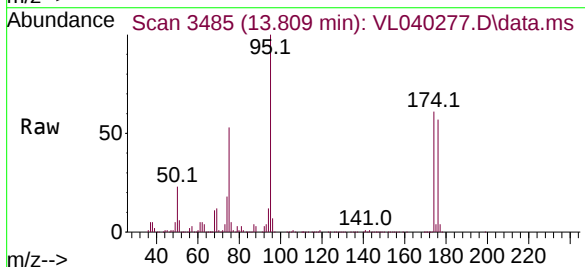
Manual Integrations
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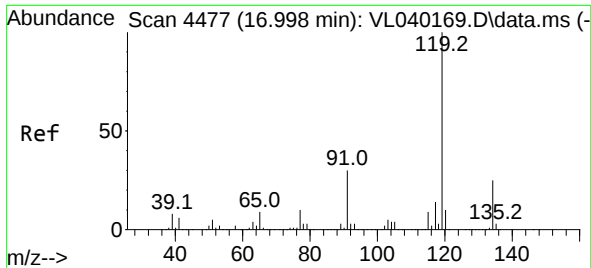
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.179 ppbv
 RT: 13.809 min Scan# 3485
 Delta R.T. 0.013 min
 Lab File: VL040277.D
 Acq: 14 Mar 2023 9:06

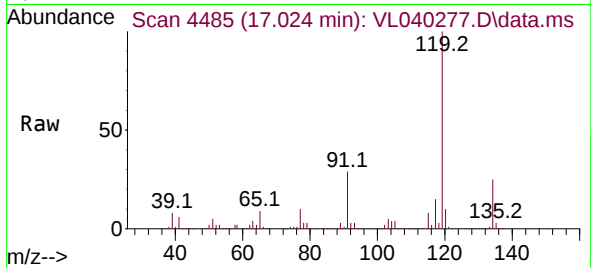
Tgt Ion: 95 Resp: 1848704
 Ion Ratio Lower Upper
 95 100
 174 60.7 48.2 72.2
 175 4.4 3.4 5.2





#69
p-Isopropyltoluene
Concen: 9.956 ppbv
RT: 17.024 min Scan# 4477
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

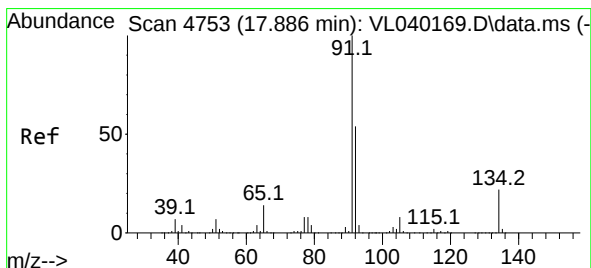
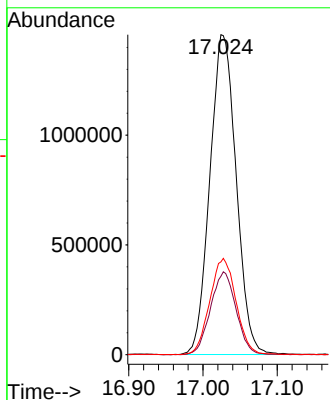
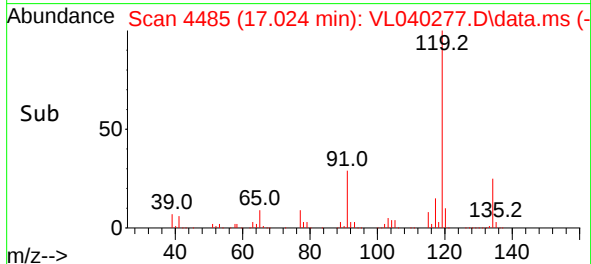
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



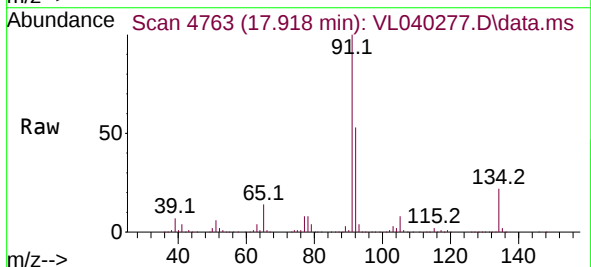
Tgt Ion:119 Resp: 358222
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 30.0 24.7 37.1

Manual Integrations
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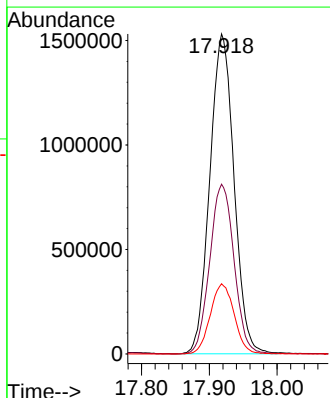
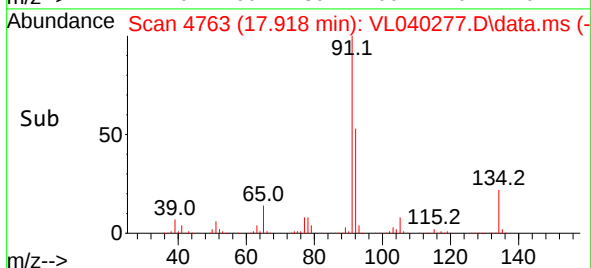
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

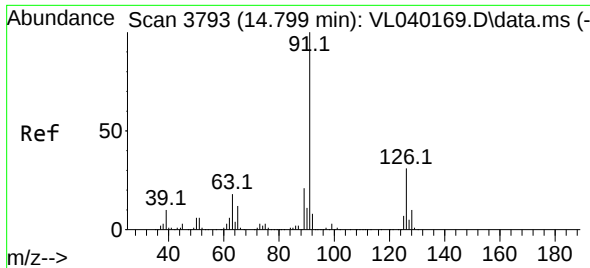


#70
n-Butylbenzene
Concen: 9.723 ppbv
RT: 17.918 min Scan# 4763
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06



Tgt Ion: 91 Resp: 3796869
Ion Ratio Lower Upper
91 100
92 53.4 43.0 64.6
134 21.8 16.9 25.3





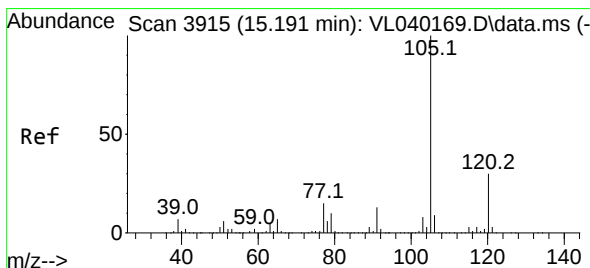
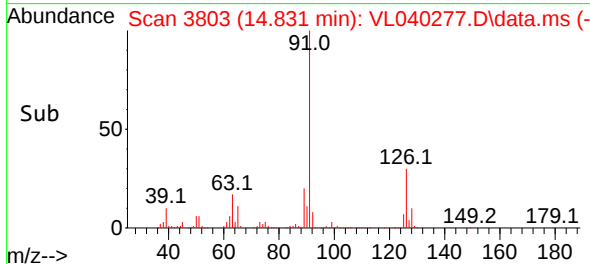
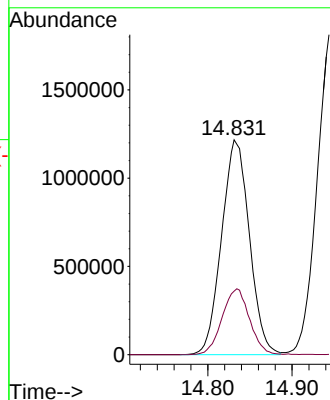
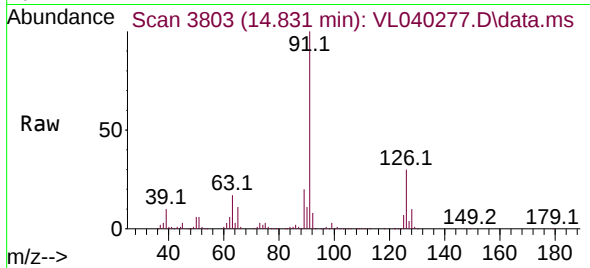
#71
2-Chlorotoluene
Concen: 10.020 ppbv
RT: 14.831 min Scan# 3793
Delta R.T. 0.006 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2789992
Ion Ratio Lower Upper
91 100
126 30.3 12.0 48.2

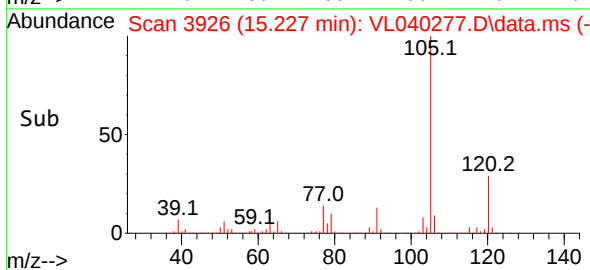
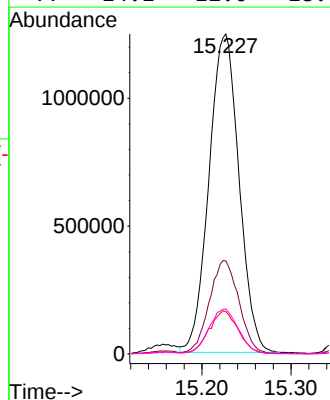
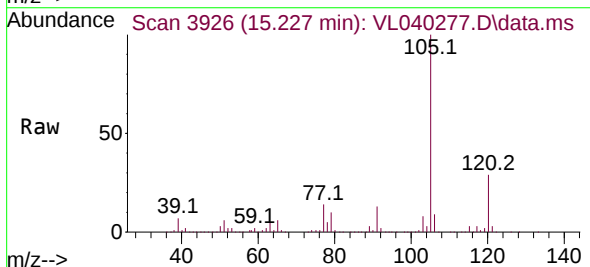
Manual Integrations
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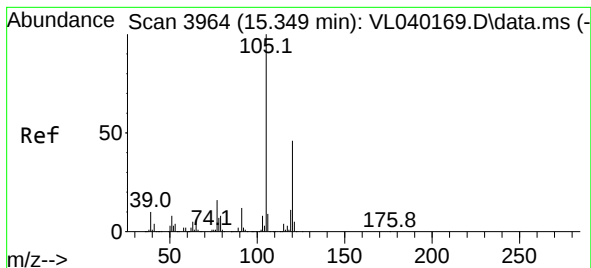
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#72
4-Ethyltoluene
Concen: 10.392 ppbv
RT: 15.227 min Scan# 3926
Delta R.T. 0.010 min
Lab File: VL040277.D
Acq: 14 Mar 2023 9:06

Tgt Ion:105 Resp: 2913744
Ion Ratio Lower Upper
105 100
120 29.1 23.2 34.8
91 13.2 11.3 16.9
77 14.1 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 9.927 ppbv

RT: 15.381 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 258992

Ion Ratio Lower Upper

105 100

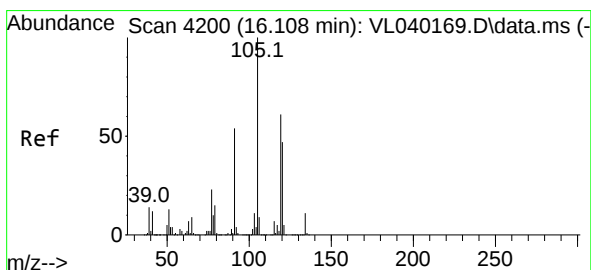
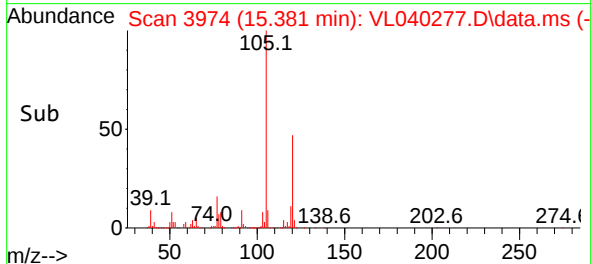
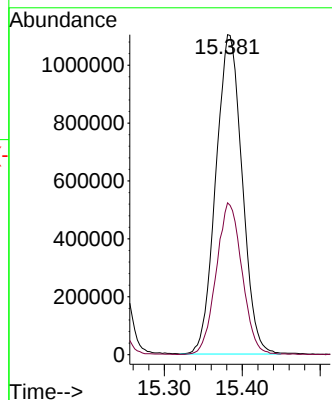
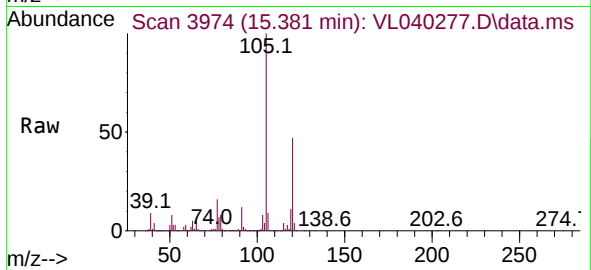
120 47.5 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.683 ppbv

RT: 16.140 min Scan# 4210

Delta R.T. 0.010 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Tgt Ion:105 Resp: 2774848

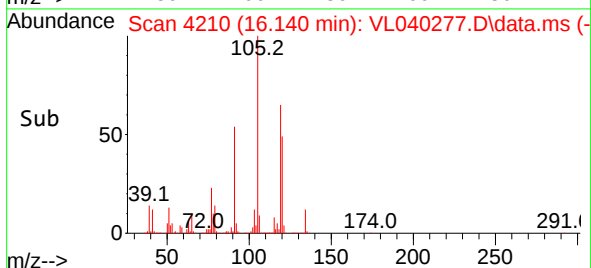
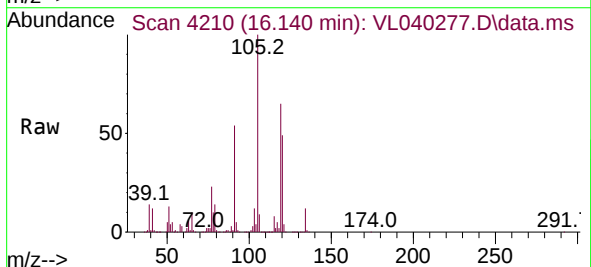
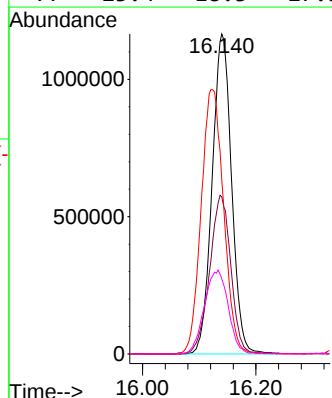
Ion Ratio Lower Upper

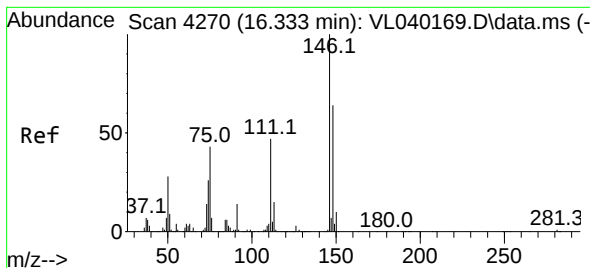
105 100

120 49.0 37.9 56.9

91 54.2 43.7 65.5

77 23.4 18.3 27.5





#75

1,3-Dichlorobenzene

Concen: 9.810 ppbv

RT: 16.365 min Scan# 4324

Delta R.T. 0.010 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 153845

Ion Ratio Lower Upper

146 100

111 48.1 23.9 71.8

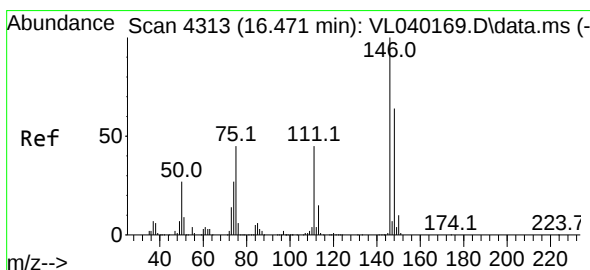
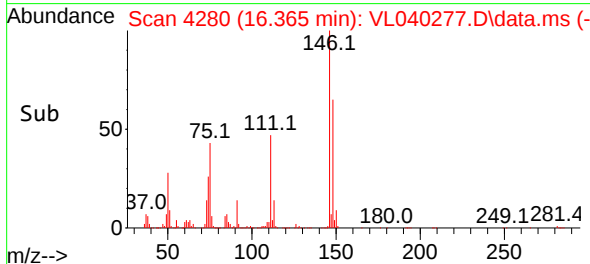
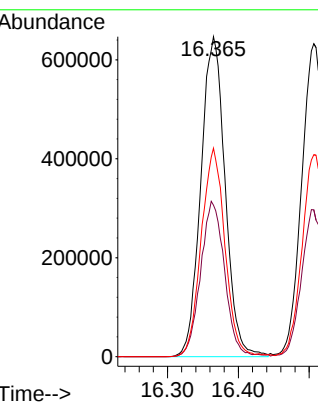
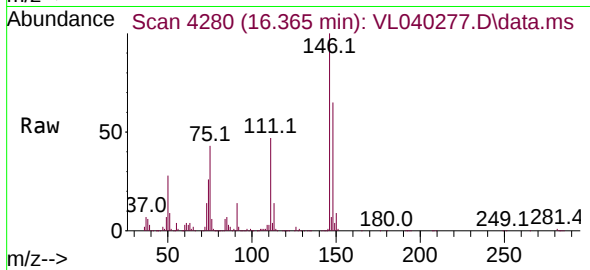
148 63.8 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#76

1,4-Dichlorobenzene

Concen: 9.602 ppbv

RT: 16.506 min Scan# 4324

Delta R.T. 0.010 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

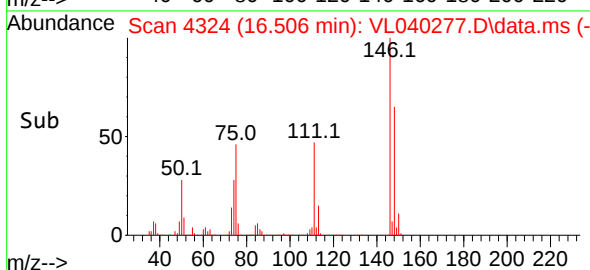
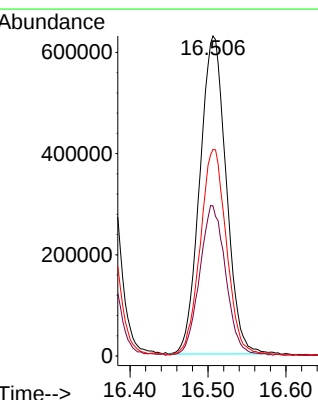
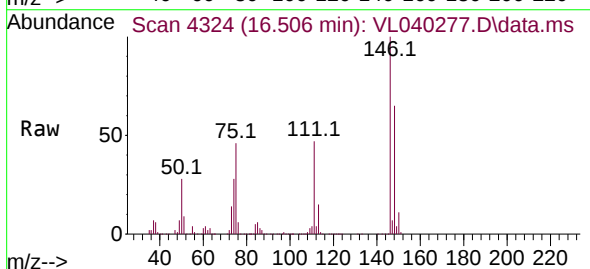
Tgt Ion:146 Resp: 1475648

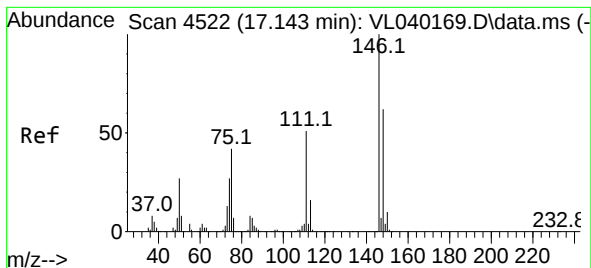
Ion Ratio Lower Upper

146 100

111 47.0 23.5 70.5

148 65.9 32.5 97.4





#77

1,2-Dichlorobenzene

Concen: 9.393 ppbv

RT: 17.178 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 146324

Ion Ratio Lower Upper

146 100

111 50.2 25.3 75.8

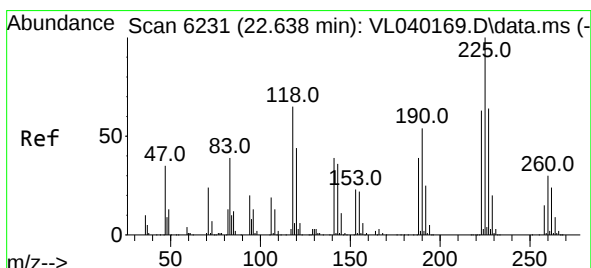
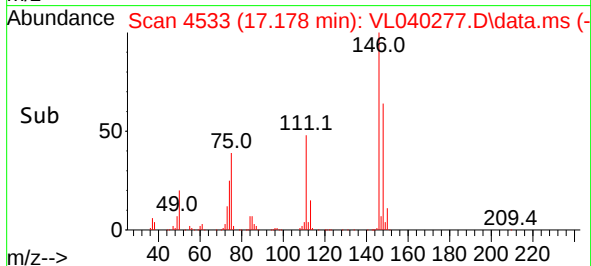
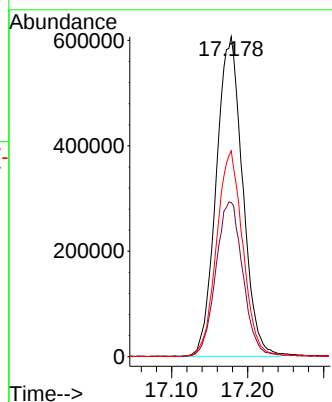
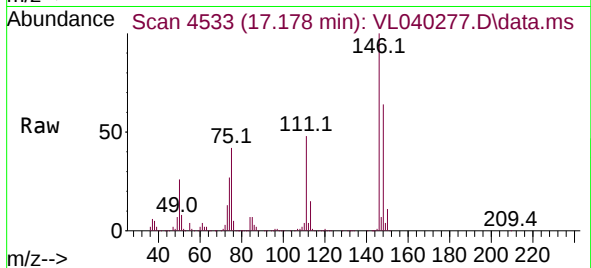
148 64.3 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#78

Hexachloro-1,3-Butadiene

Concen: 9.402 ppbv

RT: 22.673 min Scan# 6242

Delta R.T. 0.013 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

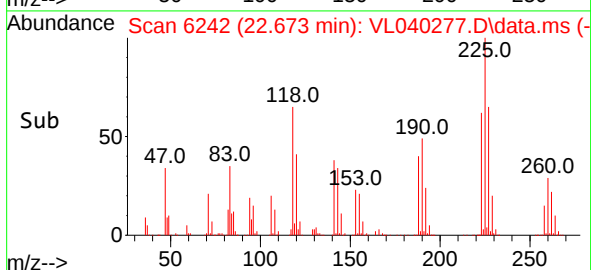
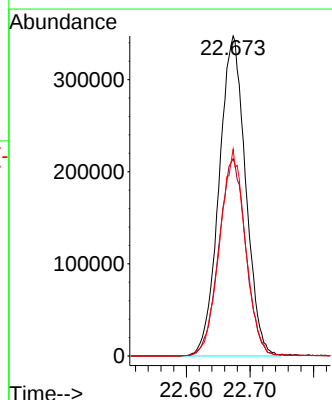
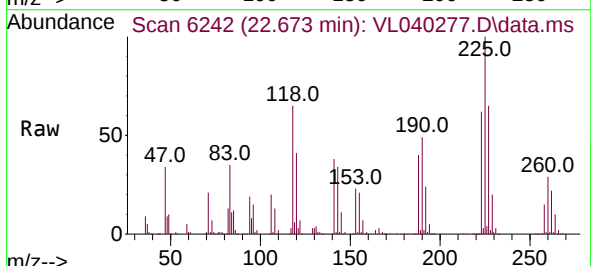
Tgt Ion:225 Resp: 1006188

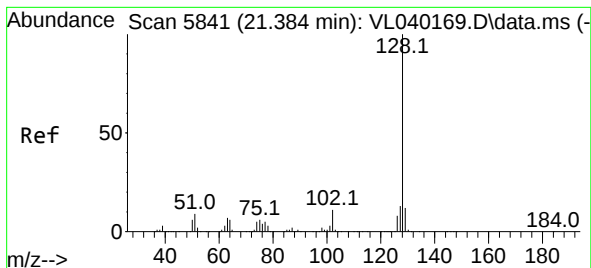
Ion Ratio Lower Upper

225 100

223 62.7 51.0 76.6

227 62.9 51.2 76.8





#79

Naphthalene

Concen: 12.305 ppbv

RT: 21.419 min Scan# 5852

Delta R.T. 0.010 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 198096

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.4

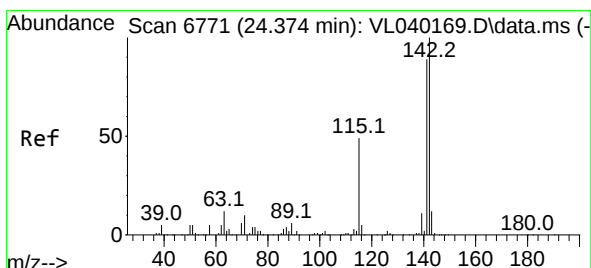
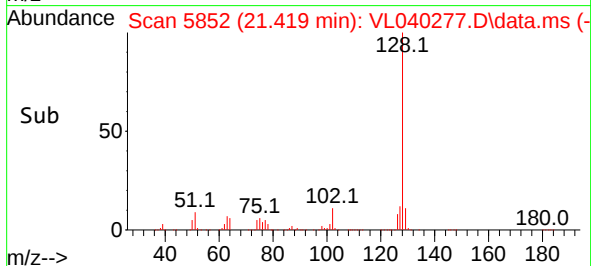
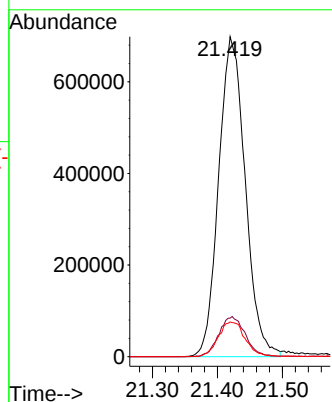
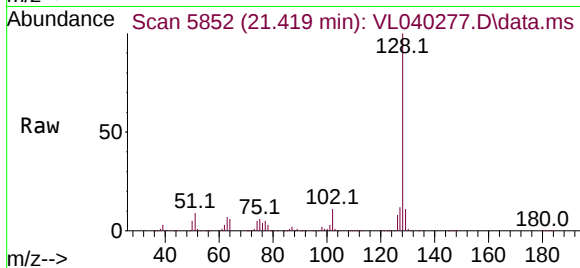
129 10.9 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#80

Naphthalene,2-methyl-

Concen: 10.566 ppbv

RT: 24.406 min Scan# 6781

Delta R.T. 0.010 min

Lab File: VL040277.D

Acq: 14 Mar 2023 9:06

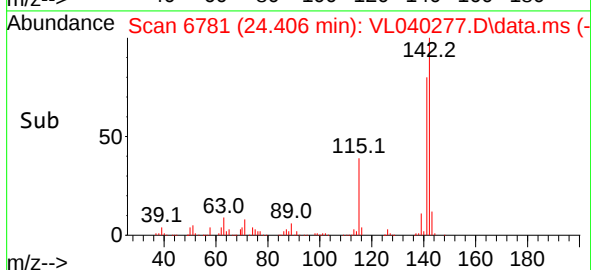
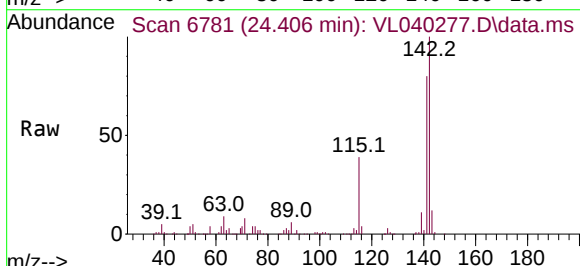
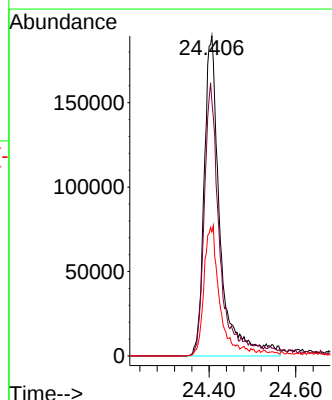
Tgt Ion:142 Resp: 483735

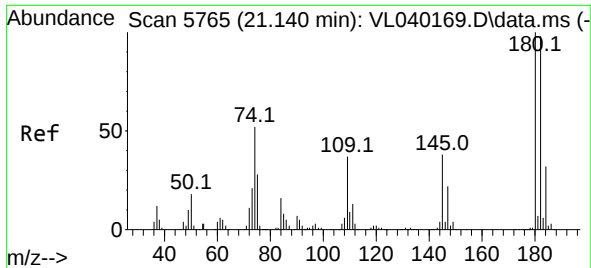
Ion Ratio Lower Upper

142 100

141 83.0 67.3 100.9

115 42.5 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 10.622 ppbv

RT: 21.175 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL040277.D

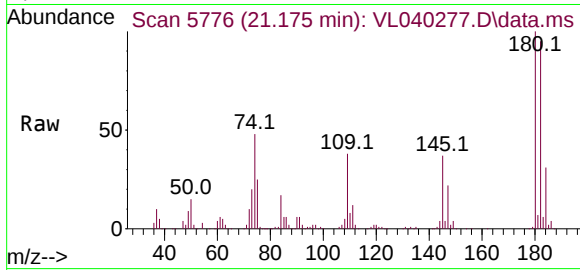
Acq: 14 Mar 2023 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 1070118

Ion Ratio Lower Upper

180 100

182 96.2 79.0 118.6

184 31.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023

