

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022723\
 Data File : VL040229.D
 Acq On : 27 Feb 2023 10:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 00:12:37 2023

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

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

QLast Update : Tue Feb 28 00:12:21 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	947420	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2576204	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2376685m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 1924182 9.846 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	1281795	7.259	ppbv	100
3) Chlorodifluoromethane	2.658	51	1135537	10.033	ppbv	99
4) Chloromethane	2.796	50	730830	10.280	ppbv	93
5) Vinyl Chloride	2.906	62	635726	11.128	ppbv	96
6) Bromomethane	3.108	94	207174	10.048	ppbv	99
7) Chloroethane	3.182	64	236857	10.455	ppbv	100
8) Dichlorotetrafluoroethane	2.841	85	1514666	9.955	ppbv	99
9) Propene	2.681	41	492956	10.685	ppbv	96
10) Heptane	7.577	43	1190467	10.842	ppbv	99
11) Trichlorofluoromethane	3.549	101	1575019	9.941	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	1211341	10.364	ppbv	99
13) Ethanol	3.234	45	31487m	7.414	ppbv	
14) Bromoethene	3.353	108	473164	10.557	ppbv	98
15) Acetone	3.455	43	1076716	9.440	ppbv	100
16) 1,3-Butadiene	2.970	39	560223	10.755	ppbv	96
17) tert-Butyl alcohol	3.864	59	1162915	11.179	ppbv	100
18) 1,1-Dichloroethene	3.867	96	540830	10.649	ppbv	98
19) Isopropyl Alcohol	3.565	45	568602	10.487	ppbv	100
20) Methylene Chloride	3.922	84	457434	7.704	ppbv	95
21) Allyl Chloride	3.986	41	778485	11.127	ppbv	99
22) trans-1,2-Dichloroethene	4.436	96	568793	10.816	ppbv	91
23) Vinyl Acetate	4.613	43	373365	10.786	ppbv	99
24) 1,1-Dichloroethane	4.552	63	1116420	10.318	ppbv	99
25) Ethyl Acetate	5.195	43	2087403	9.844	ppbv	99
26) Hexane	5.205	57	889932	9.777	ppbv	98
27) Carbon Disulfide	4.115	76	1372254	11.880	ppbv	99
28) Methyl tert-Butyl Ether	4.574	73	1042473	10.688	ppbv	99
29) Chloroform	5.266	83	1348485	8.628	ppbv	100
30) Cyclohexane	6.594	84	778961	10.898	ppbv	99
31) cis-1,2-Dichloroethene	5.069	61	859832	9.942	ppbv	98
32) 1,1,1-Trichloroethane	5.995	97	1580716	10.764	ppbv	99
34) 2-Butanone	4.774	43	1233717	9.708	ppbv	98
35) Carbon Tetrachloride	6.487	117	1619162	10.632	ppbv	96
36) Benzene	6.365	78	1996252	9.957	ppbv	99
37) 1,2-Dichloroethane	5.799	62	1227008	9.786	ppbv	100
38) Trichloroethene	7.288	130	1161737	10.516	ppbv	99
39) 1,2-Dichloropropane	7.069	63	755750	9.690	ppbv	98
40) 1,4-Dioxane	7.282	88	303765	9.737	ppbv	98
41) Tetrahydrofuran	5.549	42	760386	10.325	ppbv	99
42) Bromodichloromethane	7.246	83	1746557	10.092	ppbv	99
43) Methyl Methacrylate	7.471	69	783766	10.565	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	3283144	9.810	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	756743	11.500	ppbv	96

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 00:12:37 2023

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

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

QLast Update : Tue Feb 28 00:12:21 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1010306	11.020	ppbv	98
47) 1,1,2-Trichloroethane	8.896	97	822608	9.752	ppbv	97
48) Dibromochloromethane	9.706	129	1408241	10.437	ppbv	99
49) Bromoform	12.407	173	1113826	10.577	ppbv	99
50) 4-Methyl-2-Pentanone	8.175	43	2025468	10.265	ppbv	100
51) 2-Hexanone	9.548	43	1565866	10.319	ppbv #	100
52) Tetrachloroethene	10.619	164	649801	10.379	ppbv	96
53) Toluene	9.217	91	2222493	10.350	ppbv	100
54) 1,2-Dibromoethane	10.008	107	902277	10.280	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.507	131	1005822	10.082	ppbv	95
57) Chlorobenzene	11.526	112	1709532	9.845	ppbv	99
58) Ethyl Benzene	12.089	91	3039285	10.525	ppbv	96
59) m/p-Xylene	12.375	91	5238754m	20.483	ppbv	
60) o-Xylene	13.060	91	2513431	10.213	ppbv	100
61) Styrene	12.896	104	1428890	11.059	ppbv	99
62) Isopropylbenzene	14.027	105	3510507	9.938	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	831921	9.381	ppbv	99
64) n-propylbenzene	14.915	120	898531	10.277	ppbv	99
65) tert-Butylbenzene	16.095	119	3073557	10.009	ppbv	99
66) Benzyl Chloride	16.329	91	202720	9.921	ppbv	97
67) sec-Butylbenzene	16.638	105	4354493	9.888	ppbv	99
69) p-Isopropyltoluene	16.998	119	3461951	9.916	ppbv	100
70) n-Butylbenzene	17.889	91	3763803	9.933	ppbv	99
71) 2-Chlorotoluene	14.802	91	2717328	10.058	ppbv	99
72) 4-Ethyltoluene	15.191	105	2788112	10.248	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	2500086	9.876	ppbv	100
74) 1,2,4-Trimethylbenzene	16.108	105	2726912	9.807	ppbv	94
75) 1,3-Dichlorobenzene	16.336	146	1477624	9.710	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	1445878	9.696	ppbv	100
77) 1,2-Dichlorobenzene	17.143	146	1423899	9.420	ppbv	100
78) Hexachloro-1,3-Butadiene	22.635	225	841576m	8.104	ppbv	
79) Naphthalene	21.390	128	1575089	10.083	ppbv	97
80) Naphthalene,2-methyl-	24.381	142	339272	7.638	ppbv	97
81) 1,2,4-Trichlorobenzene	21.146	180	863113	8.829	ppbv	98

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

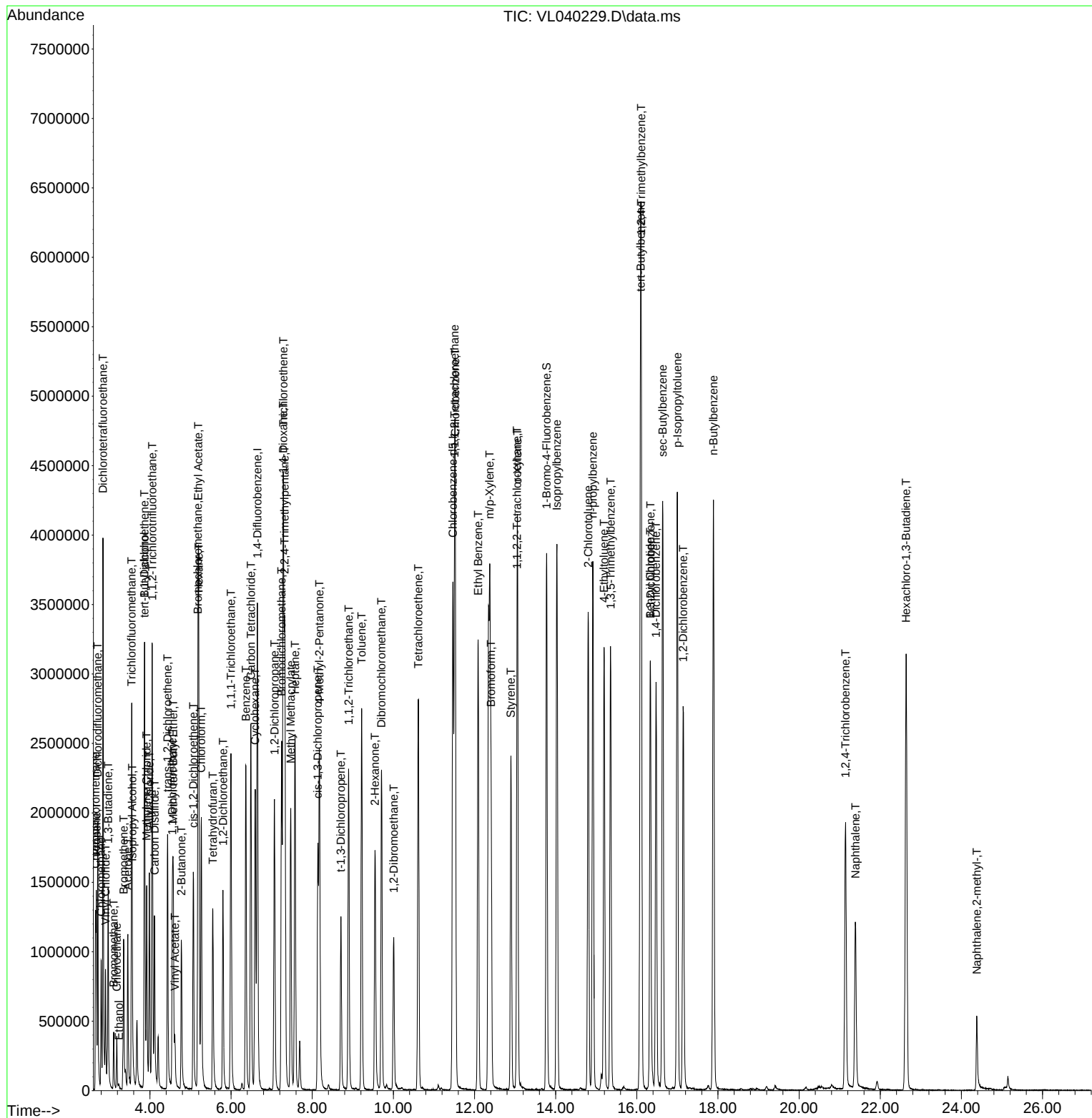
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ALS Vial : 1 Sample Multiplier: 1

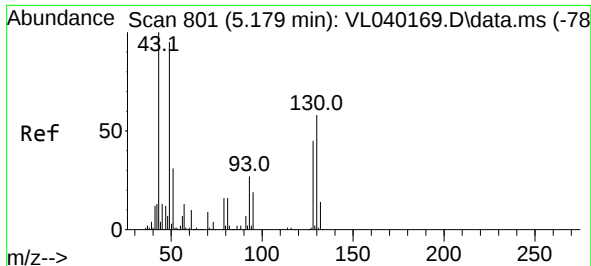
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

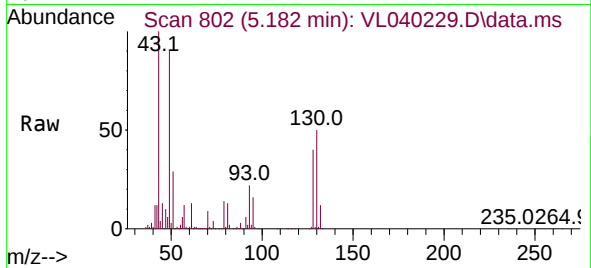
Quant Time: Feb 28 00:12:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Feb 28 00:12:21 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

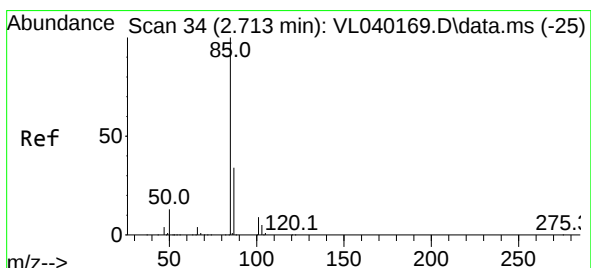
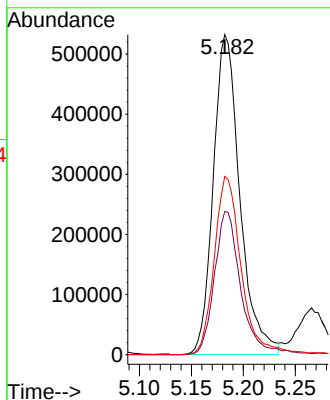
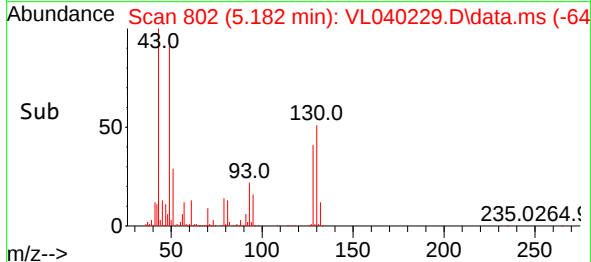
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 947420
Ion Ratio Lower Upper
49 100
128 45.1 24.1 72.3
130 57.4 30.9 92.8

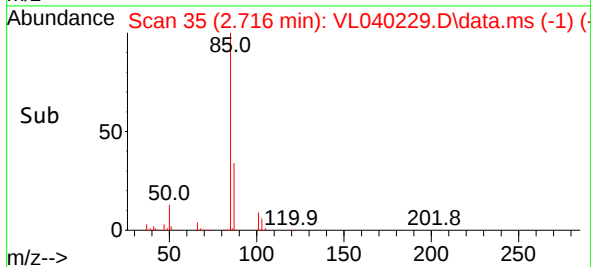
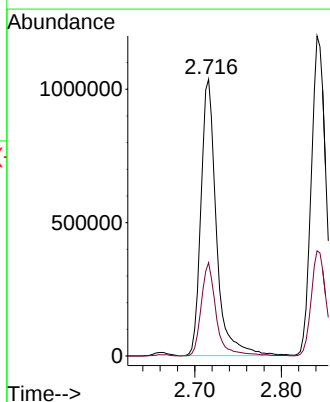
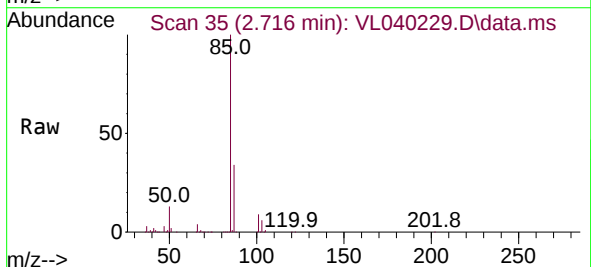
Manual Integrations
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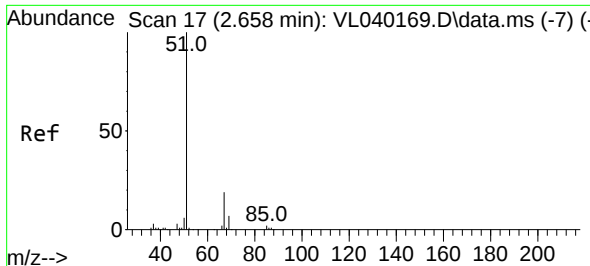
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#2
Dichlorodifluoromethane
Concen: 7.259 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

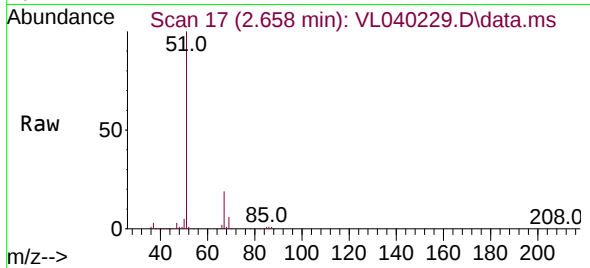
Tgt Ion: 85 Resp: 1281795
Ion Ratio Lower Upper
85 100
87 33.7 27.0 40.6





#3
Chlorodifluoromethane
Concen: 10.033 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

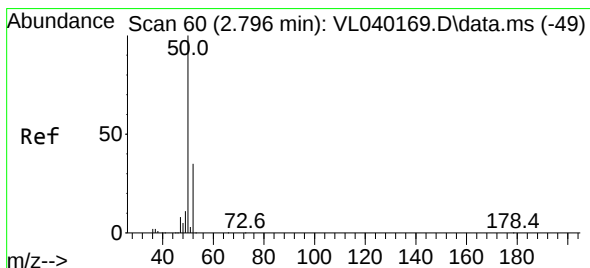
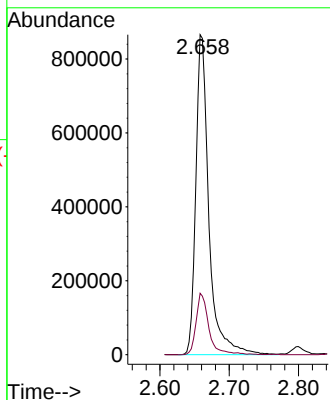
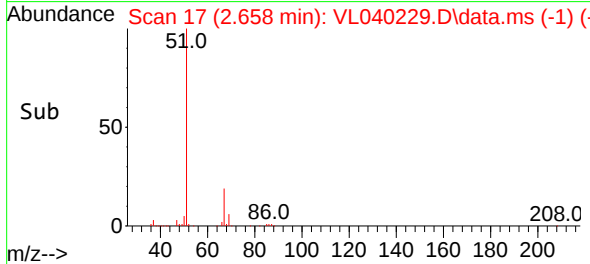
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 113553
Ion Ratio Lower Upper
51 100
67 18.9 15.4 23.2

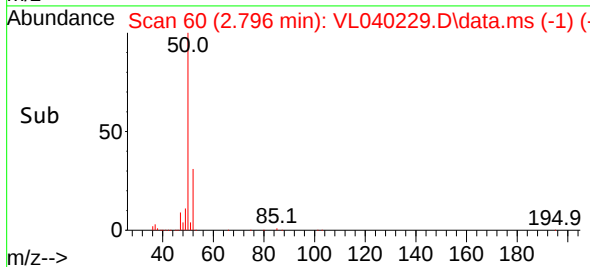
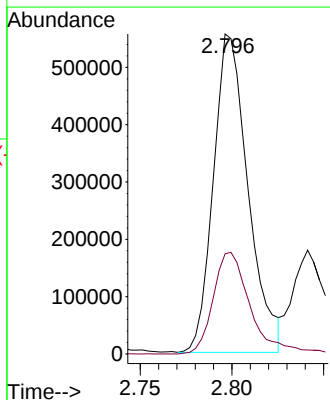
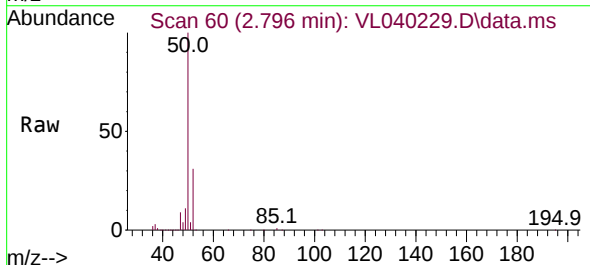
Manual Integrations
APPROVED

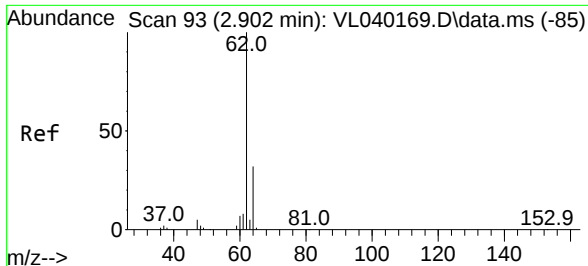
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#4
Chloromethane
Concen: 10.280 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

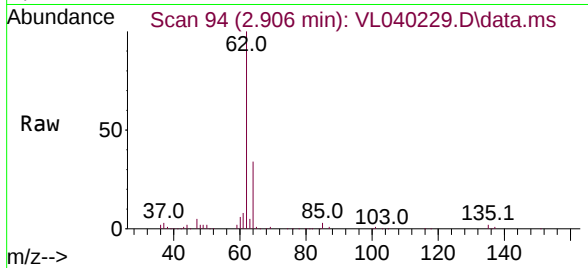
Tgt Ion: 50 Resp: 730830
Ion Ratio Lower Upper
50 100
52 31.5 28.3 42.5





#5
 Vinyl Chloride
 Concen: 11.128 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL040229.D
 Acq: 27 Feb 2023 10:22

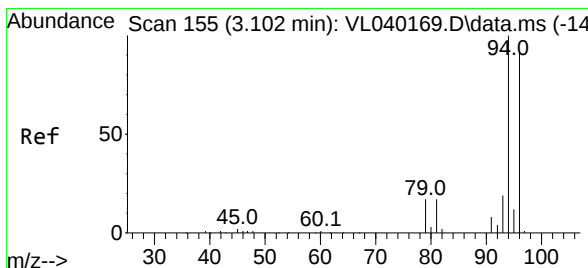
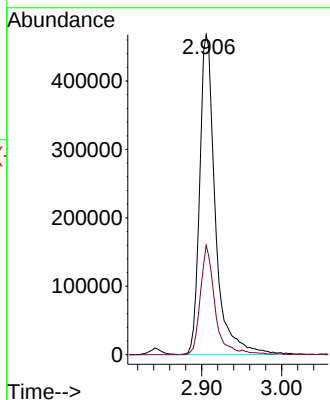
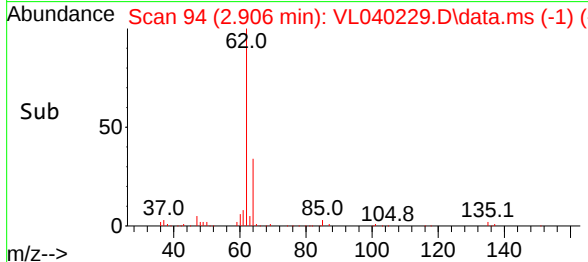
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 635720
 Ion Ratio Lower Upper
 62 100
 64 34.2 25.6 38.4

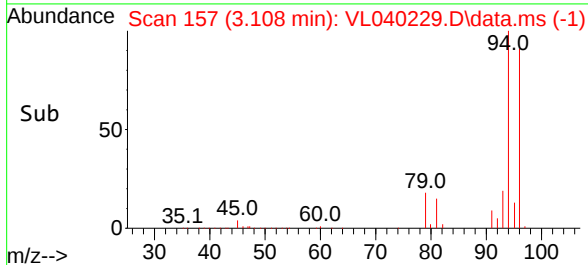
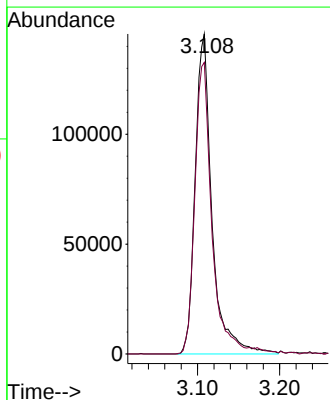
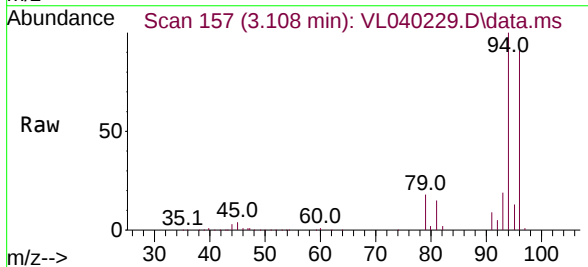
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#6
 Bromomethane
 Concen: 10.048 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.000 min
 Lab File: VL040229.D
 Acq: 27 Feb 2023 10:22

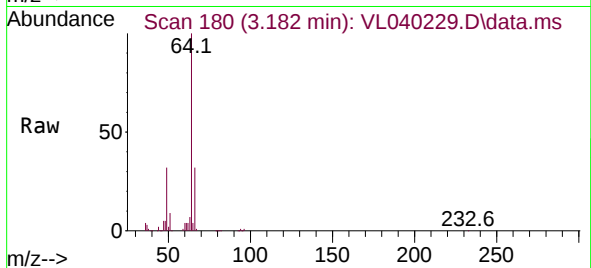
Tgt Ion: 94 Resp: 207174
 Ion Ratio Lower Upper
 94 100
 96 91.0 73.4 110.2





#7
Chloroethane
Concen: 10.455 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

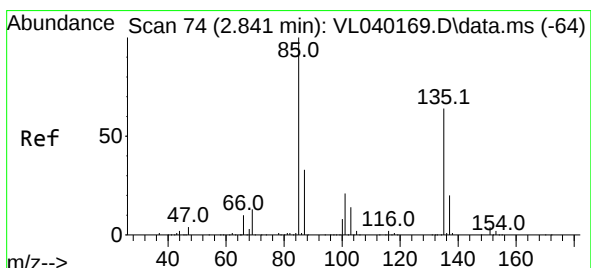
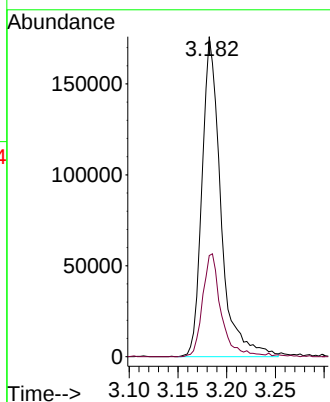
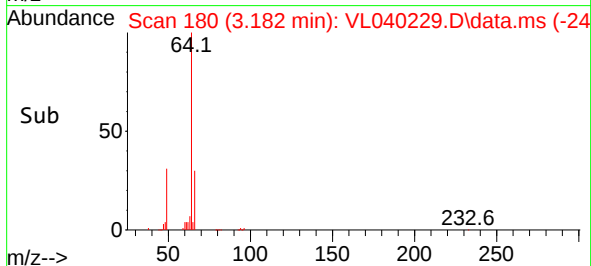
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 23685
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2

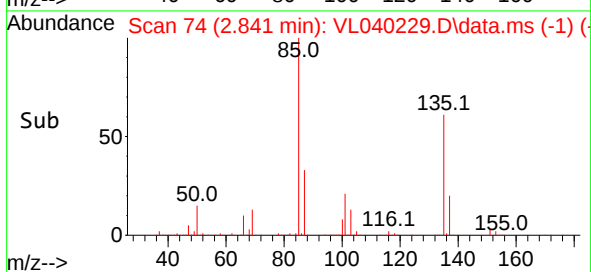
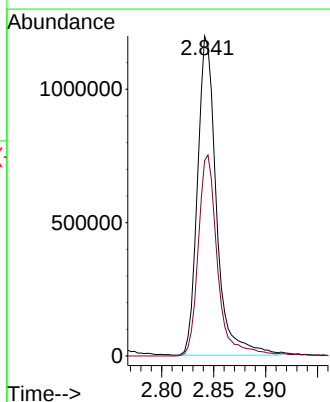
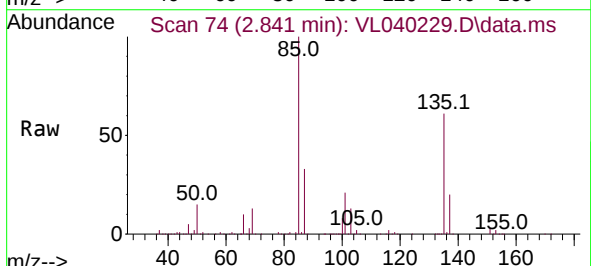
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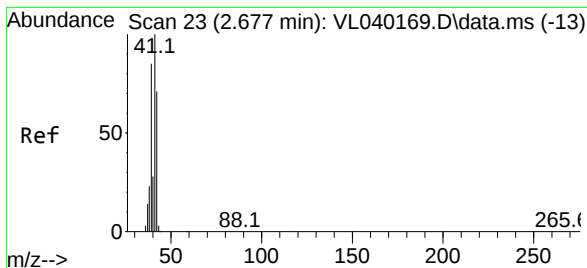
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#8
Dichlorotetrafluoroethane
Concen: 9.955 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

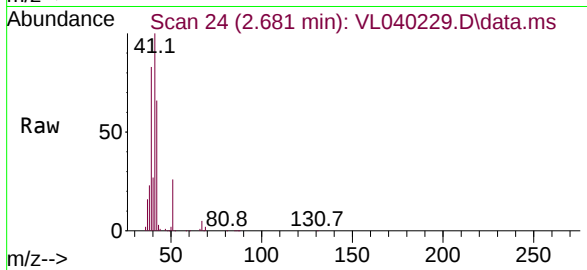
Tgt Ion: 85 Resp: 1514666
Ion Ratio Lower Upper
85 100
135 65.0 51.5 77.3





#9
Propene
Concen: 10.685 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

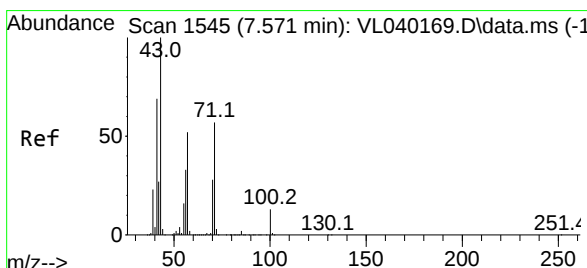
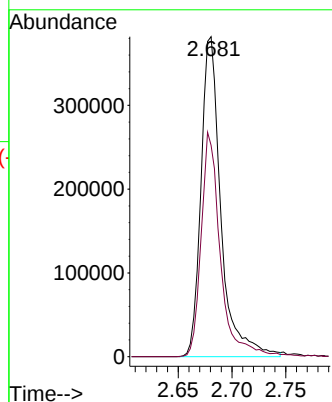
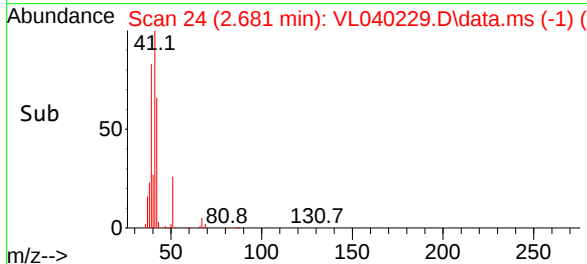
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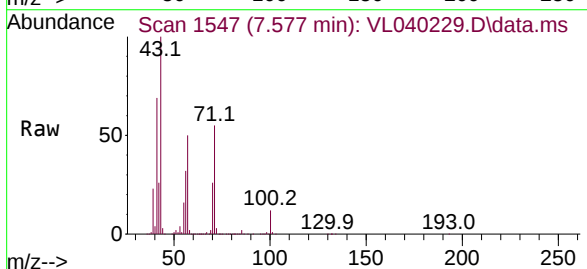
Tgt Ion: 41 Resp: 492950
Ion Ratio Lower Upper
41 100
42 68.1 56.9 85.3

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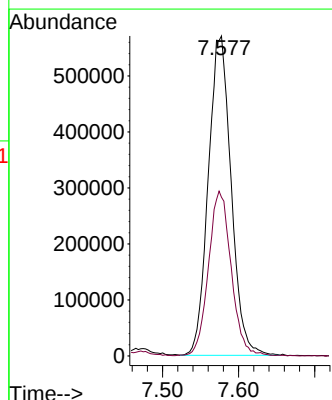
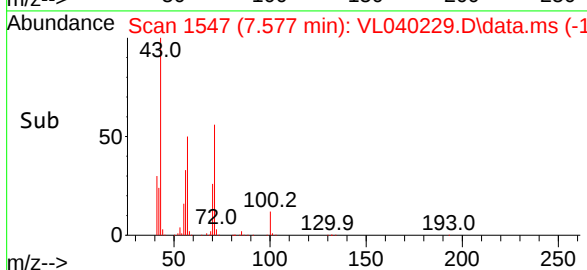
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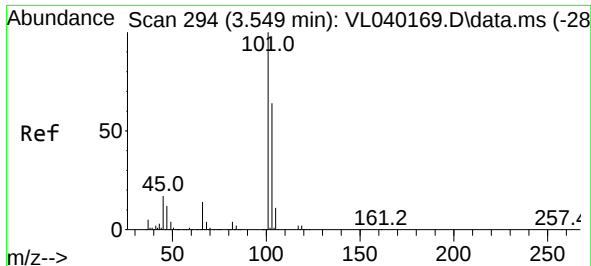


#10
Heptane
Concen: 10.842 ppbv
RT: 7.577 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22



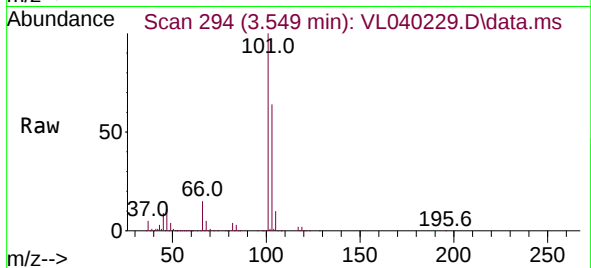
Tgt Ion: 43 Resp: 1190467
Ion Ratio Lower Upper
43 100
57 51.3 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 9.941 ppbv
 RT: 3.549 min Scan# 294
 Delta R.T. 0.000 min
 Lab File: VL040229.D
 Acq: 27 Feb 2023 10:22

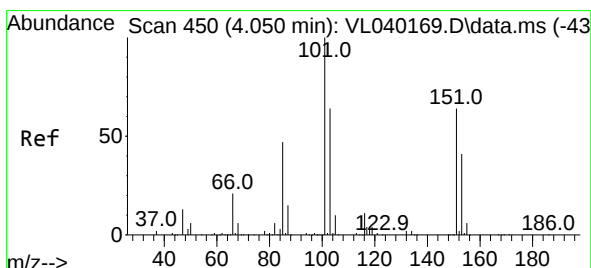
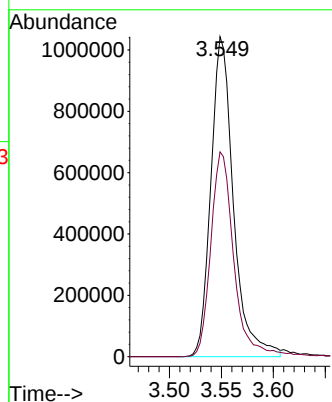
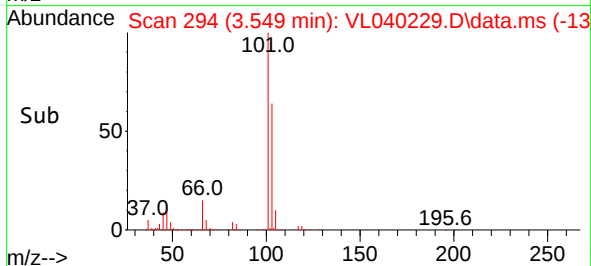
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:101 Resp: 1575019
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.0 76.6

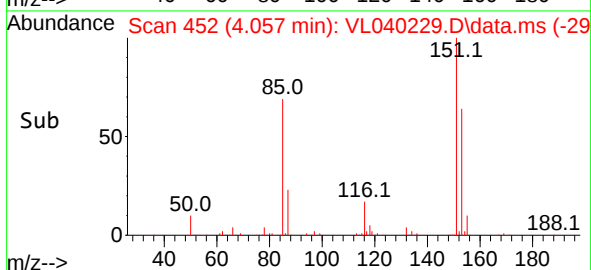
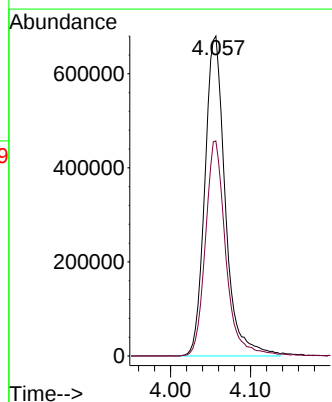
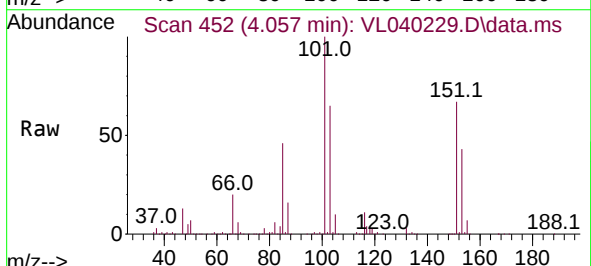
Manual Integrations
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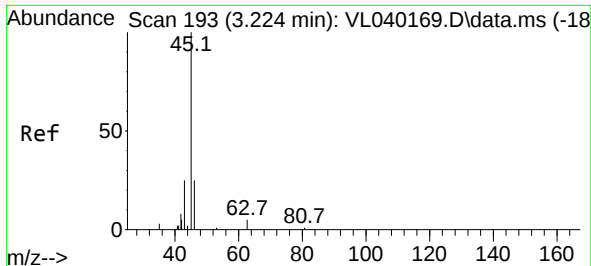
Reviewed By :Semsettin Yesilyurt 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.364 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: VL040229.D
 Acq: 27 Feb 2023 10:22

Tgt Ion:101 Resp: 1211341
 Ion Ratio Lower Upper
 101 100
 151 67.3 54.7 82.1





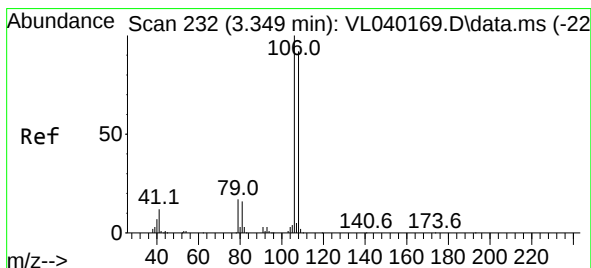
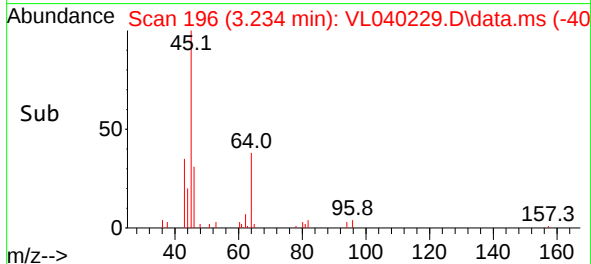
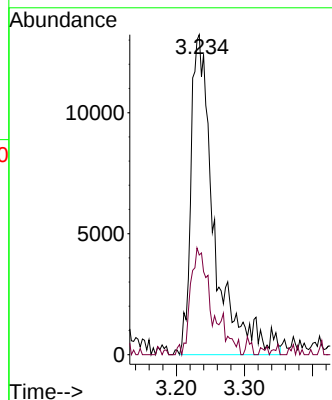
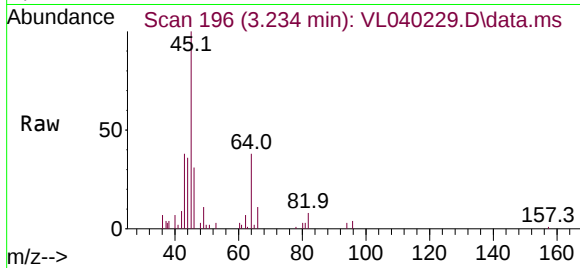
#13
Ethanol
Concen: 7.414 ppbv m
RT: 3.234 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 3148
Ion Ratio Lower Upper
45 100
46 32.6 13.3 53.1

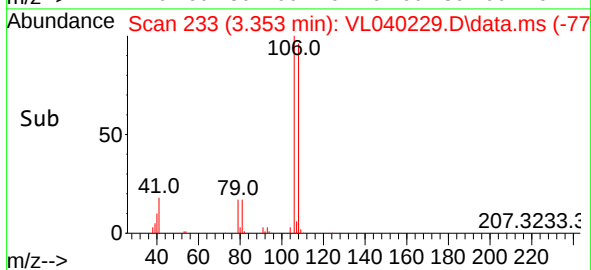
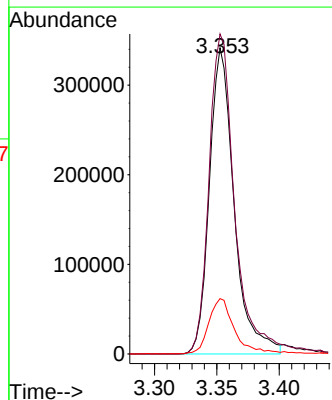
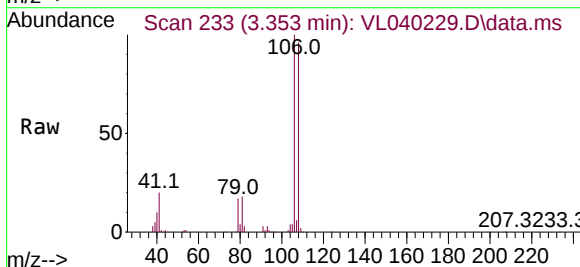
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#14
Bromoethene
Concen: 10.557 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

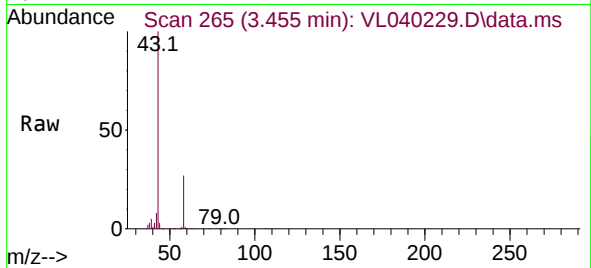
Tgt Ion:108 Resp: 473164
Ion Ratio Lower Upper
108 100
106 111.1 87.1 130.7
79 19.7 15.4 23.2





#15
Acetone
Concen: 9.440 ppbv
RT: 3.455 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

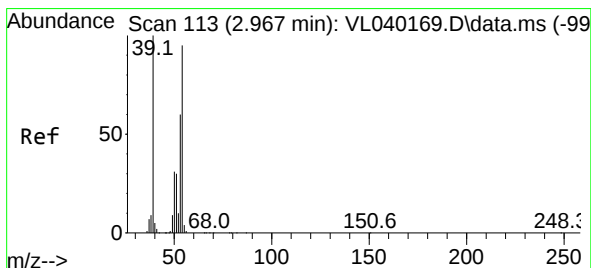
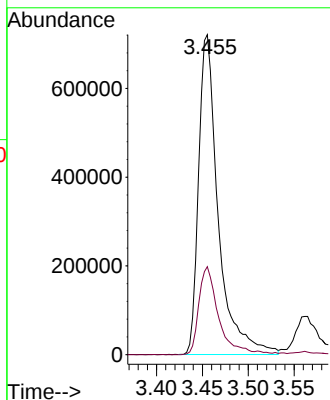
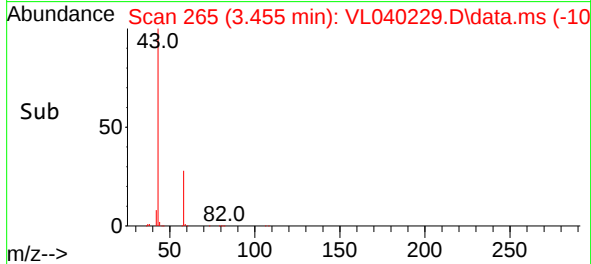
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1076710
Ion Ratio Lower Upper
43 100
58 28.1 22.4 33.6

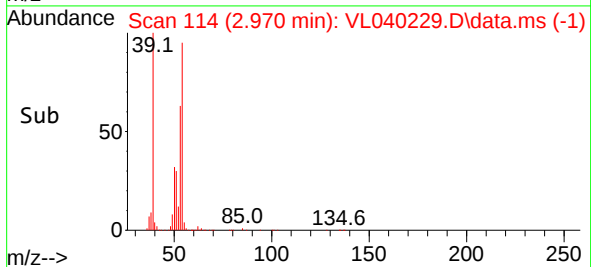
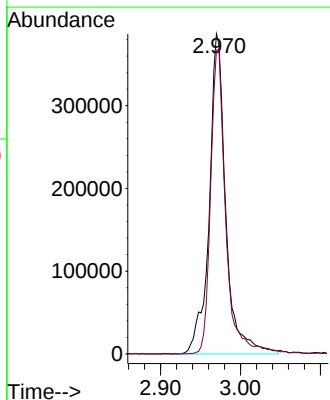
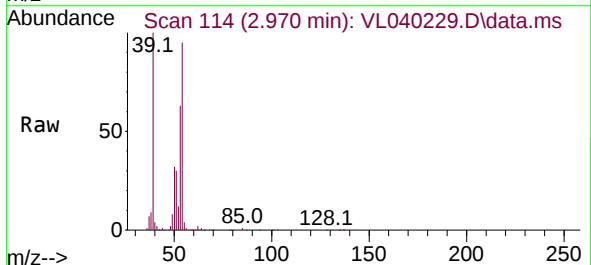
Manual Integrations
APPROVED

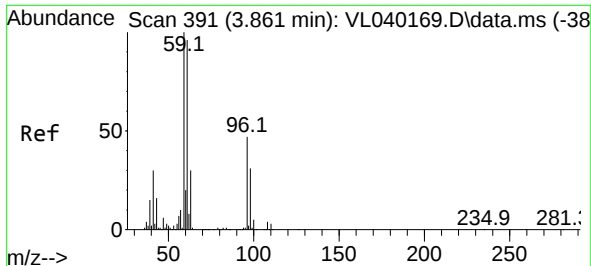
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#16
1,3-Butadiene
Concen: 10.755 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Tgt Ion: 39 Resp: 560223
Ion Ratio Lower Upper
39 100
54 86.9 66.7 100.1





#17

tert-Butyl alcohol

Concen: 11.179 ppbv

RT: 3.864 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 116291

Ion Ratio Lower Upper

59 100

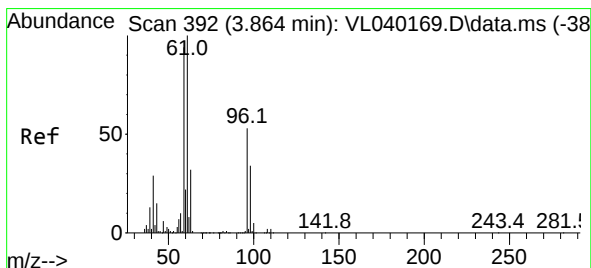
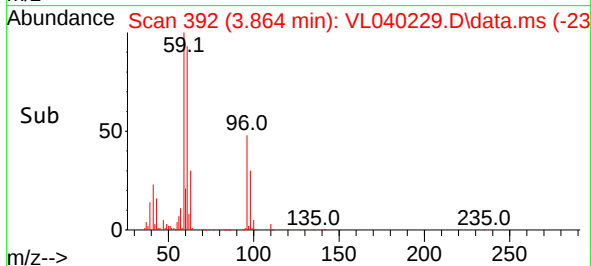
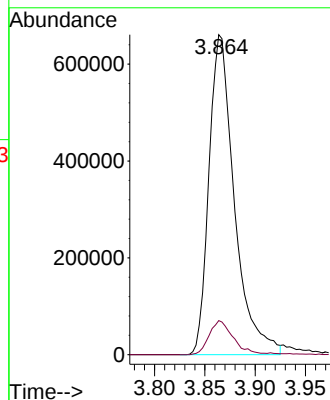
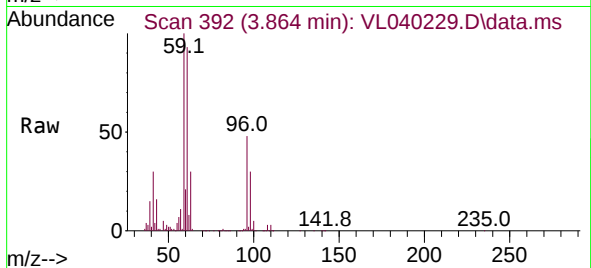
57 10.6 8.5 12.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#18

1,1-Dichloroethene

Concen: 10.649 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

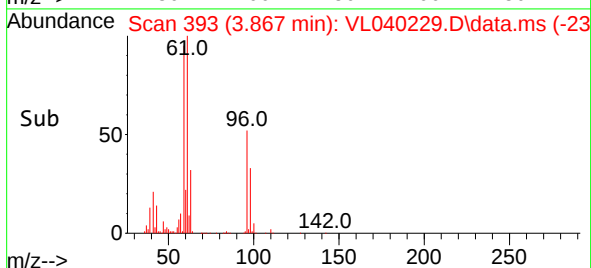
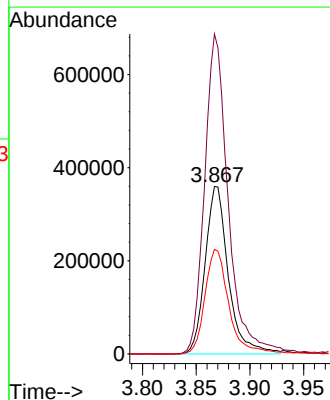
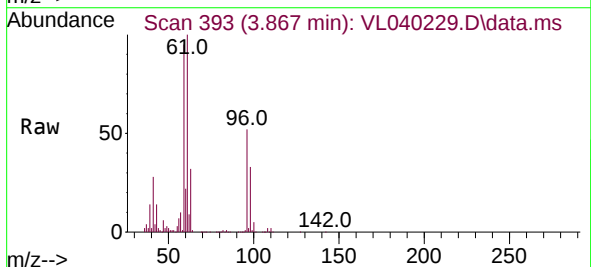
Tgt Ion: 96 Resp: 540830

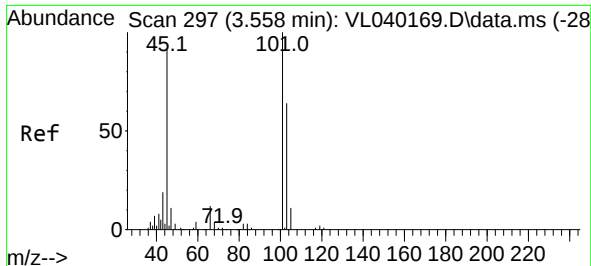
Ion Ratio Lower Upper

96 100

61 191.0 149.6 224.4

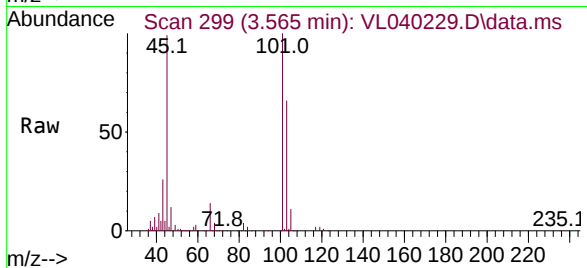
98 62.5 51.1 76.7





#19
Isopropyl Alcohol
Concen: 10.487 ppbv
RT: 3.565 min Scan# 297
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

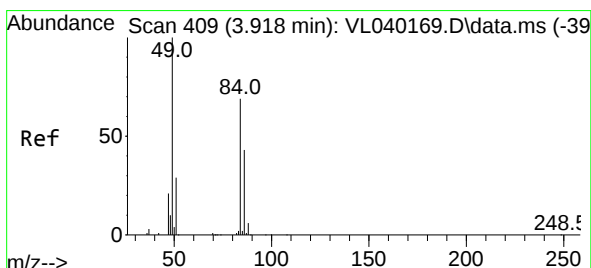
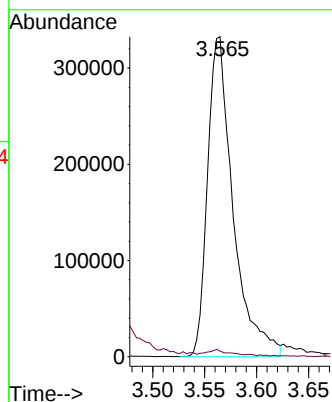
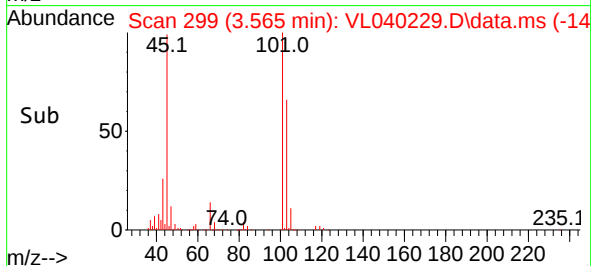
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



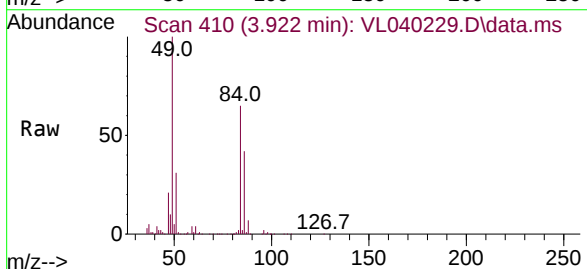
Tgt Ion: 45 Resp: 56860
Ion Ratio Lower Upper
45 100
58 3.3 2.6 3.8

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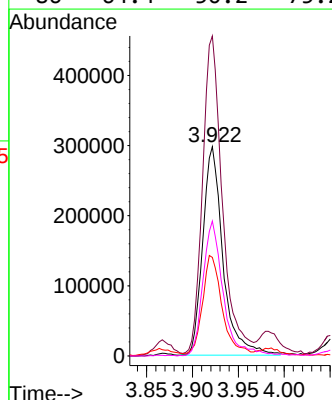
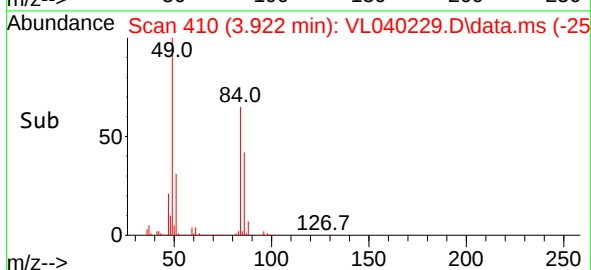
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

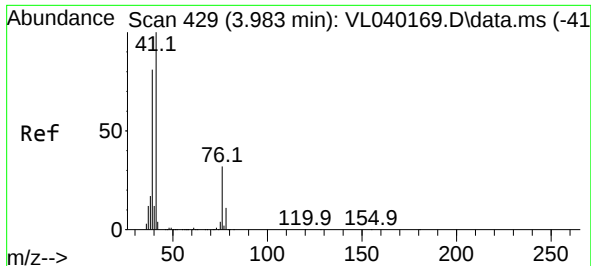


#20
Methylene Chloride
Concen: 7.704 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22



Tgt Ion: 84 Resp: 457434
Ion Ratio Lower Upper
84 100
49 152.0 115.5 173.3
51 45.9 33.1 49.7
86 64.4 50.2 75.2





#21

Allyl Chloride

Concen: 11.127 ppbv

RT: 3.986 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 77848

Ion Ratio Lower Upper

41 100

76 32.0 25.5 38.3

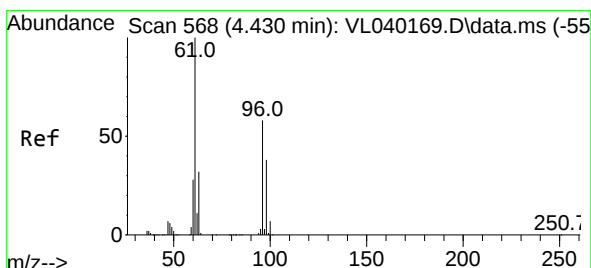
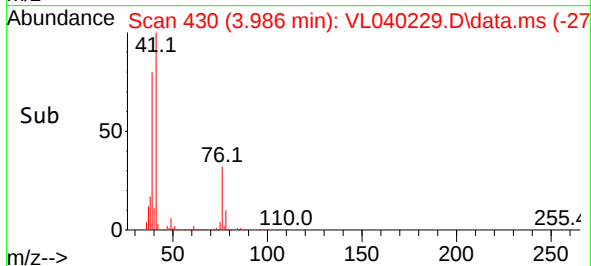
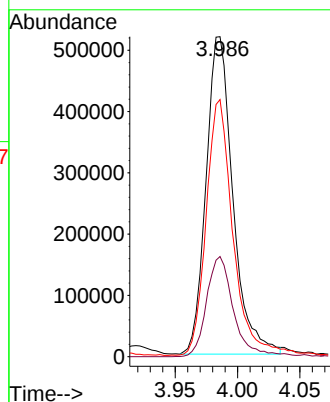
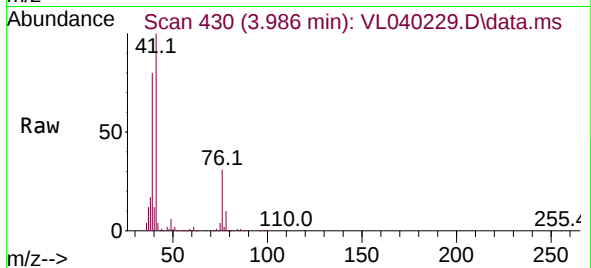
39 82.0 64.5 96.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#22

trans-1,2-Dichloroethene

Concen: 10.816 ppbv

RT: 4.436 min Scan# 570

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

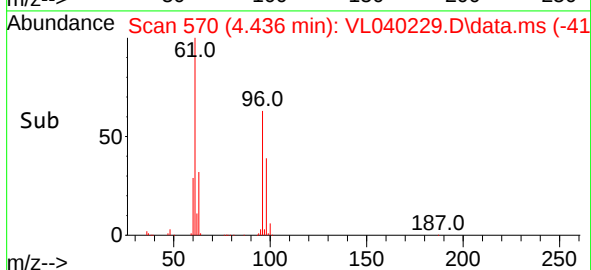
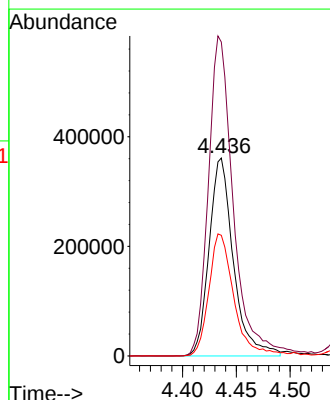
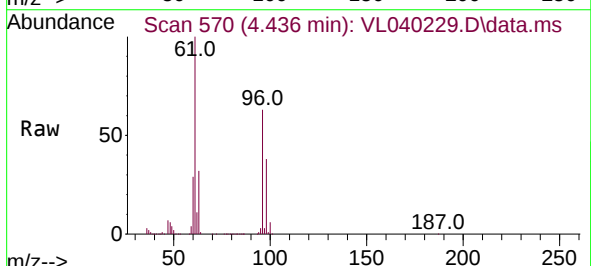
Tgt Ion: 96 Resp: 568793

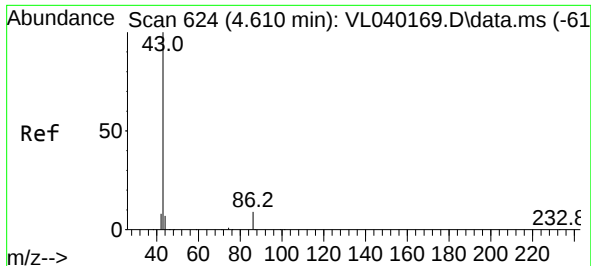
Ion Ratio Lower Upper

96 100

61 158.6 137.5 206.3

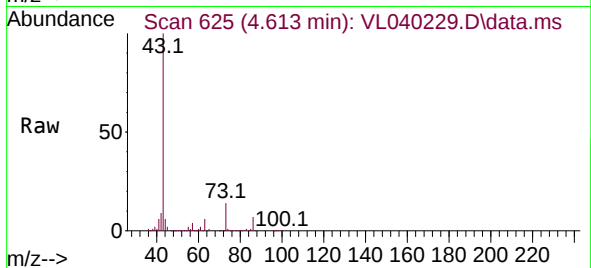
98 60.9 52.8 79.2





#23
 Vinyl Acetate
 Concen: 10.786 ppbv
 RT: 4.613 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL040229.D
 Acq: 27 Feb 2023 10:22

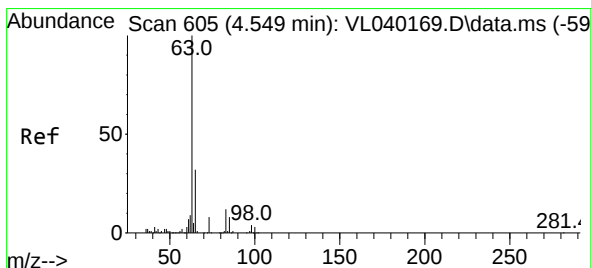
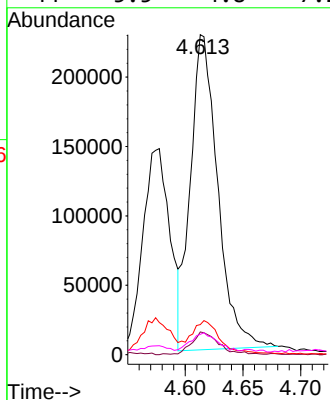
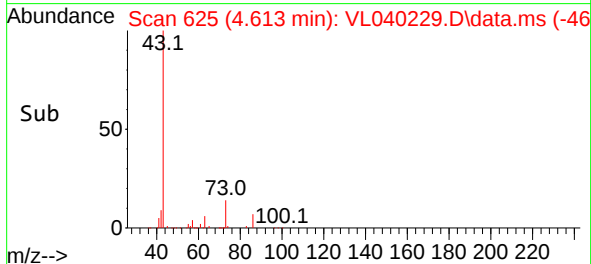
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



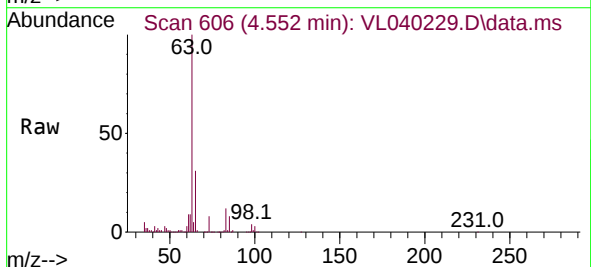
Tgt Ion: 43 Resp: 37336
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.6 8.4
 42 9.2 7.6 11.4
 44 5.5 4.8 7.2

Manual Integrations
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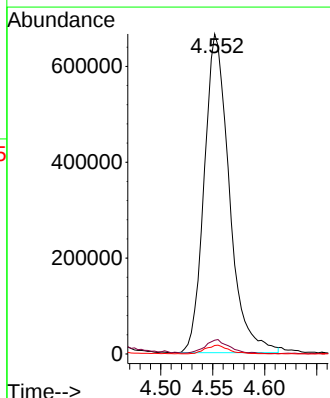
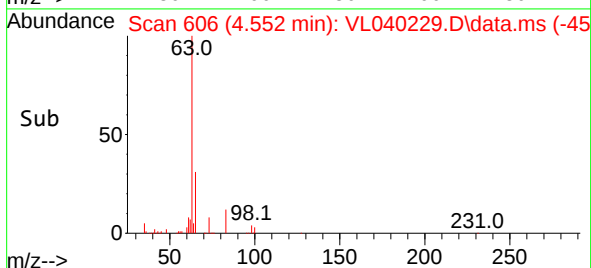
Reviewed By :Semsettin Yesilyurt 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

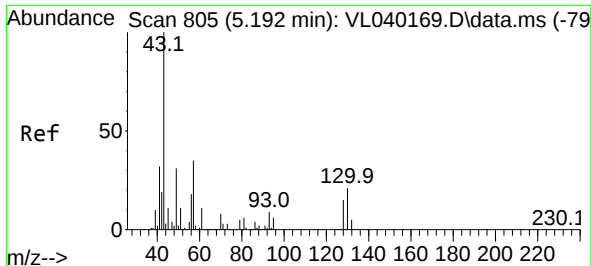


#24
 1,1-Dichloroethane
 Concen: 10.318 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.000 min
 Lab File: VL040229.D
 Acq: 27 Feb 2023 10:22



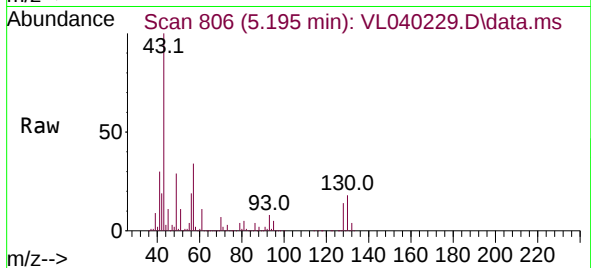
Tgt Ion: 63 Resp: 1116420
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.3 6.8
 100 2.6 1.4 4.0





#25
Ethyl Acetate
Concen: 9.844 ppbv
RT: 5.195 min Scan# 805
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

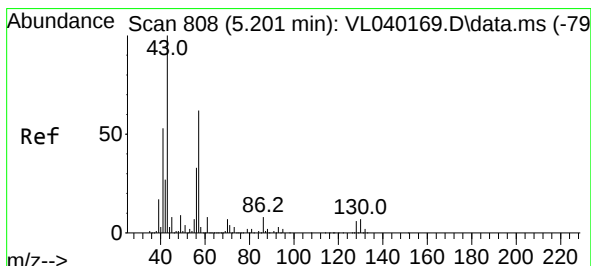
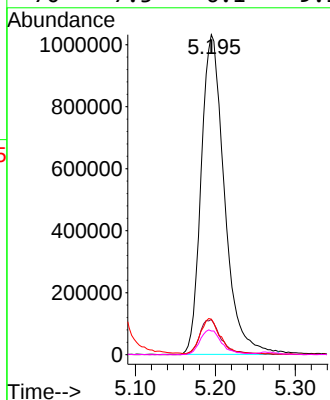
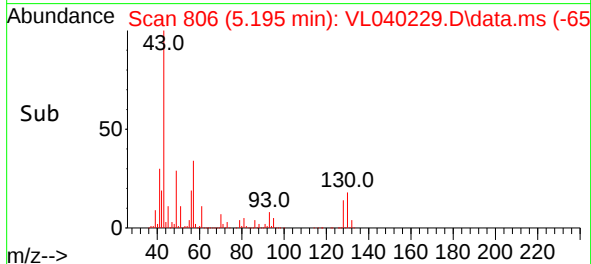
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 208740
Ion Ratio Lower Upper
43 100
45 10.6 8.3 12.5
61 10.0 8.4 12.6
70 7.3 6.1 9.1

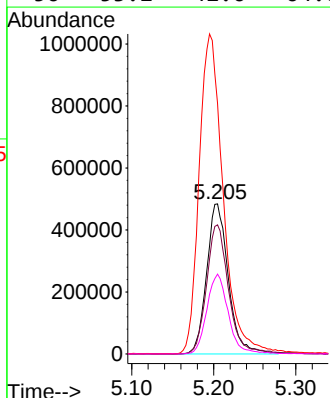
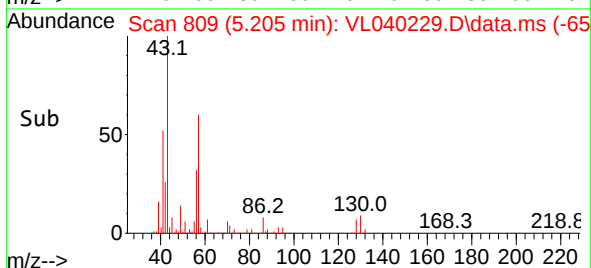
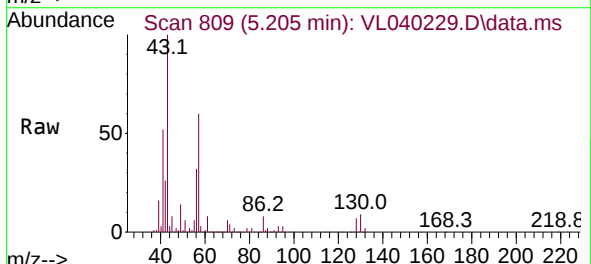
Manual Integrations
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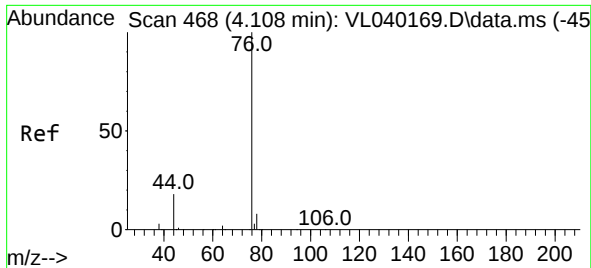
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#26
Hexane
Concen: 9.777 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

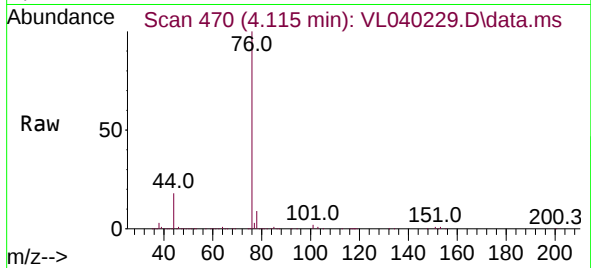
Tgt Ion: 57 Resp: 889932
Ion Ratio Lower Upper
57 100
41 88.5 74.3 111.5
43 237.4 193.0 289.4
56 53.2 42.6 64.0





#27
Carbon Disulfide
Concen: 11.880 ppbv
RT: 4.115 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

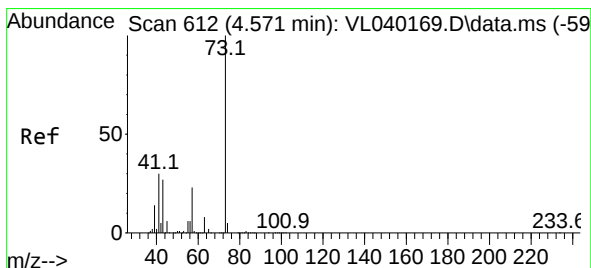
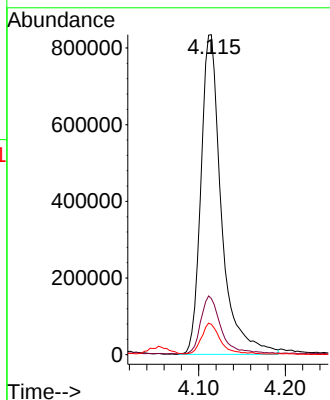
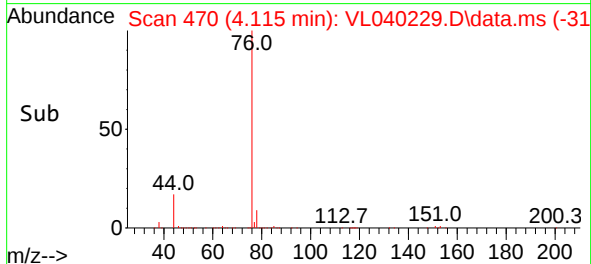
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



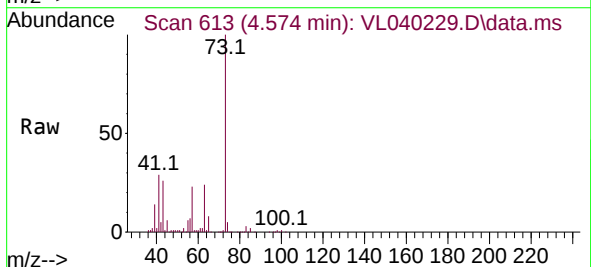
Tgt Ion: 76 Resp: 1372254
Ion Ratio Lower Upper
76 100
44 18.2 15.3 22.9
78 9.4 7.7 11.5

Manual Integrations
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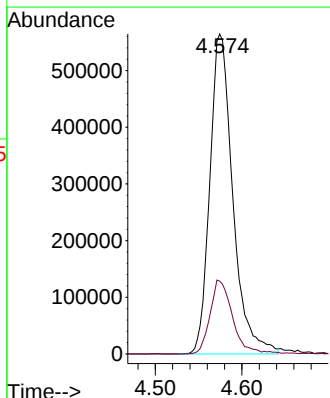
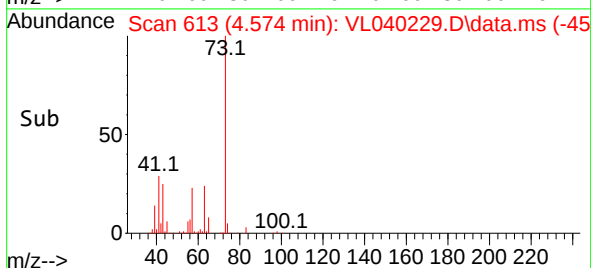
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

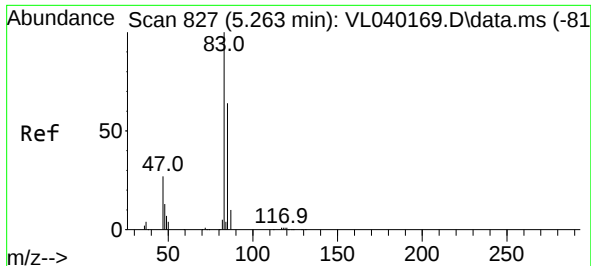


#28
Methyl tert-Butyl Ether
Concen: 10.688 ppbv
RT: 4.574 min Scan# 613
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22



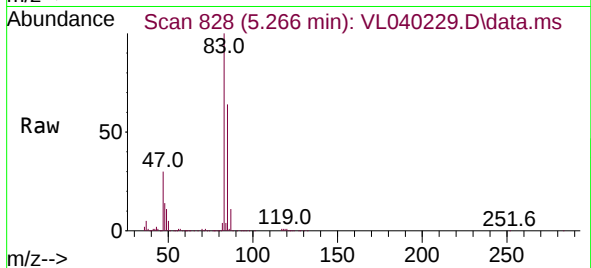
Tgt Ion: 73 Resp: 1042473
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2





#29
Chloroform
Concen: 8.628 ppbv
RT: 5.266 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

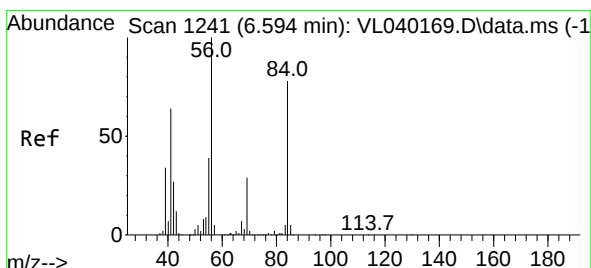
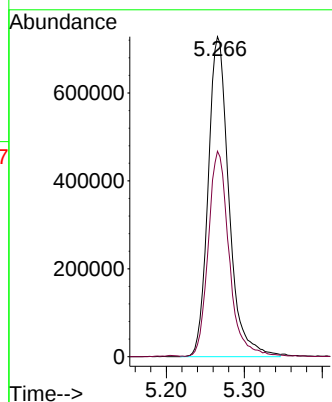
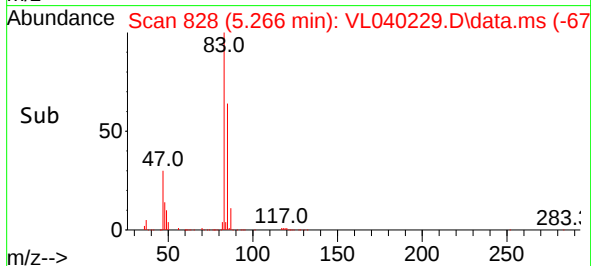
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 134848
Ion Ratio Lower Upper
83 100
85 64.0 51.5 77.3

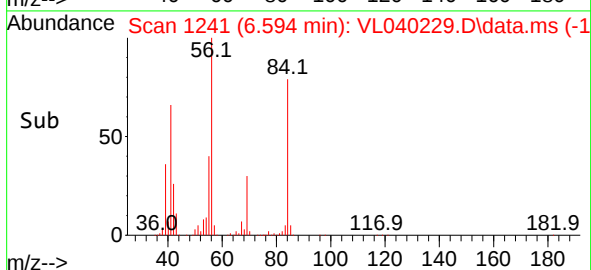
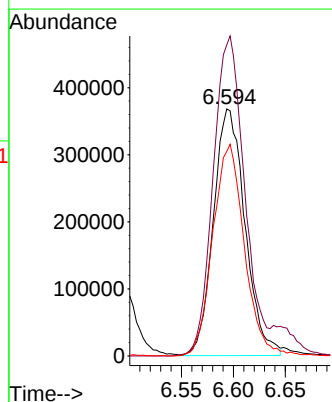
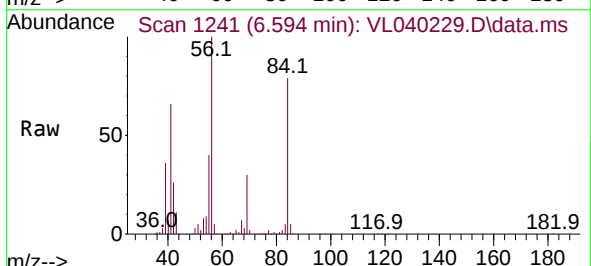
Manual Integrations
APPROVED

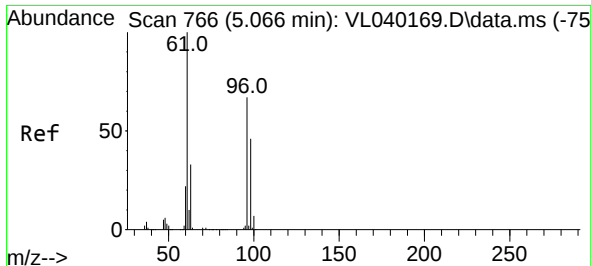
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#30
Cyclohexane
Concen: 10.898 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

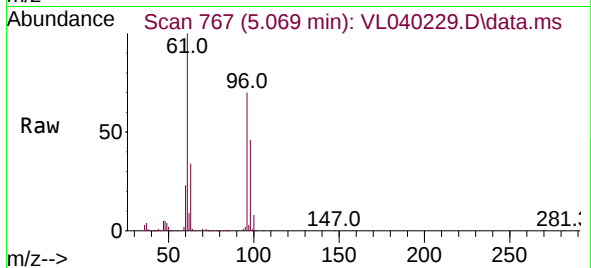
Tgt Ion: 84 Resp: 778961
Ion Ratio Lower Upper
84 100
56 138.2 109.9 164.9
41 85.9 67.8 101.6





#31
 cis-1,2-Dichloroethene
 Concen: 9.942 ppbv
 RT: 5.069 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VL040229.D
 Acq: 27 Feb 2023 10:22

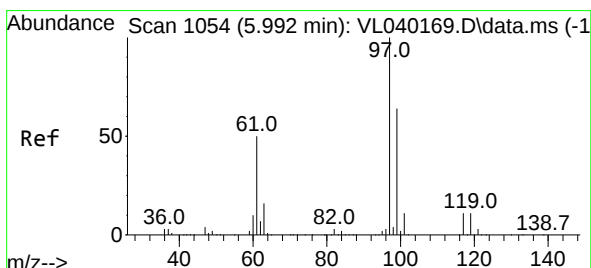
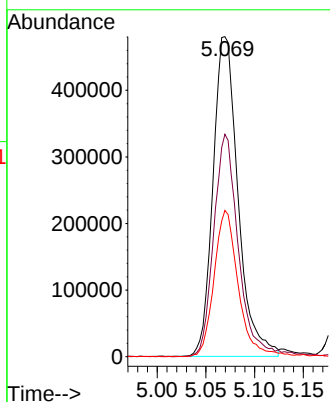
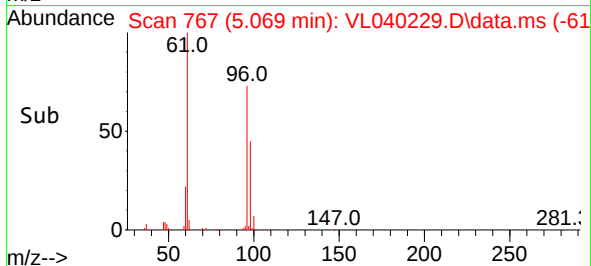
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 859832
 Ion Ratio Lower Upper
 61 100
 96 69.5 53.7 80.5
 98 45.6 36.4 54.6

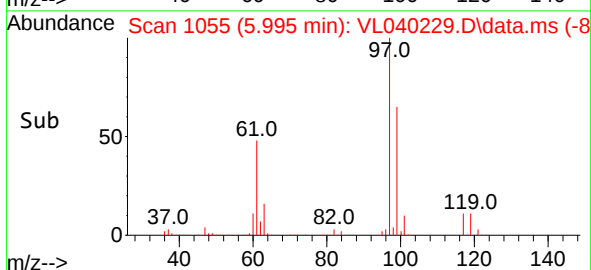
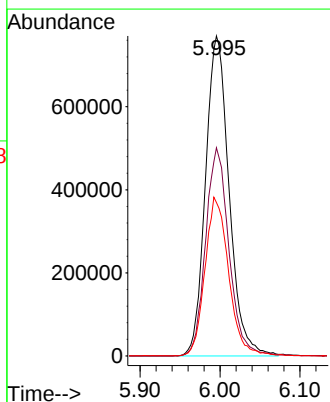
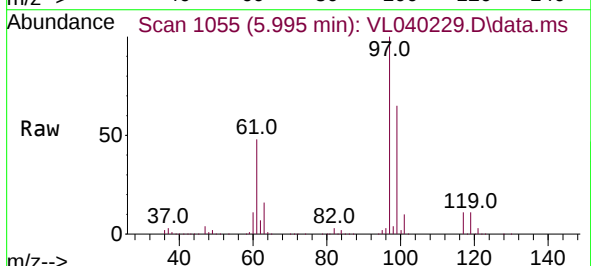
Manual Integrations
 APPROVED

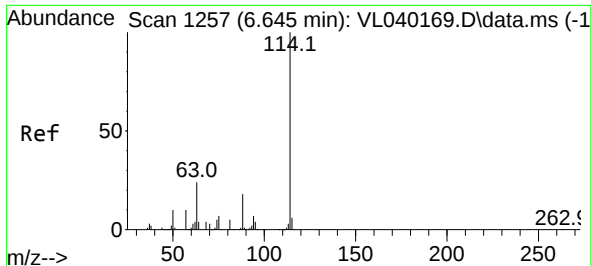
Reviewed By :Semsettin Yesilyurt 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.764 ppbv
 RT: 5.995 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VL040229.D
 Acq: 27 Feb 2023 10:22

Tgt Ion: 97 Resp: 1580716
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.5 77.3
 61 50.1 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 2576204

Ion Ratio Lower Upper

114 100

63 26.0 20.4 30.6

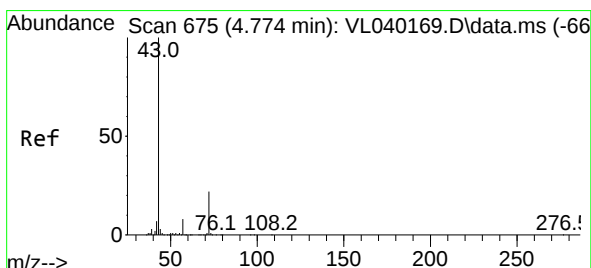
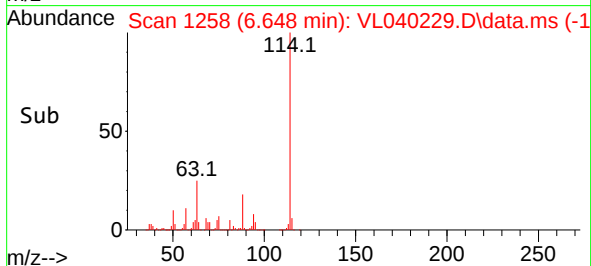
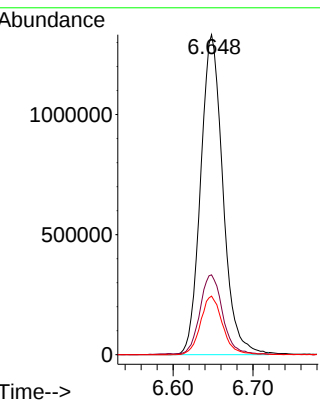
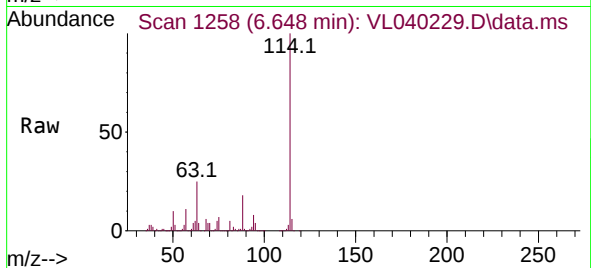
88 18.2 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#34

2-Butanone

Concen: 9.708 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.000 min

Lab File: VL040229.D

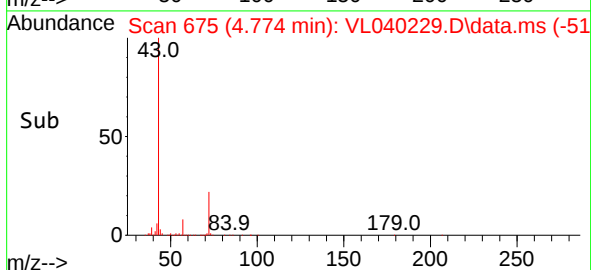
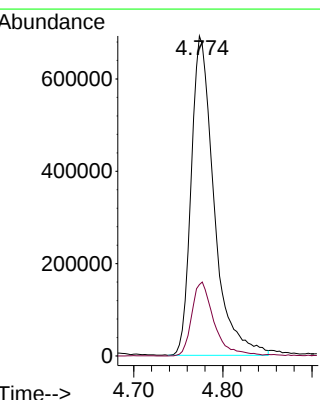
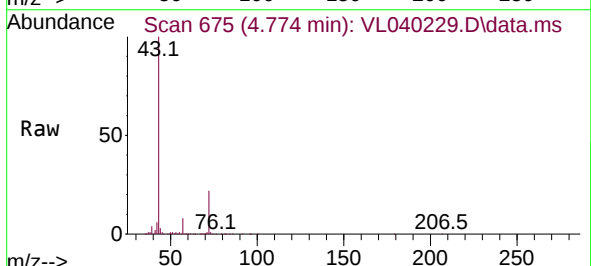
Acq: 27 Feb 2023 10:22

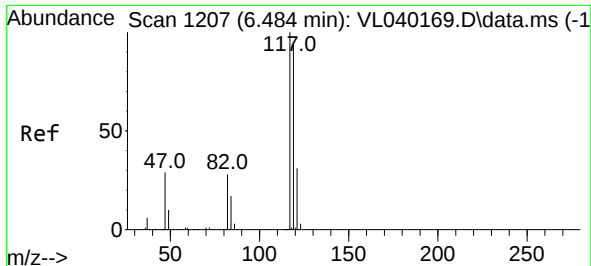
Tgt Ion: 43 Resp: 1233717

Ion Ratio Lower Upper

43 100

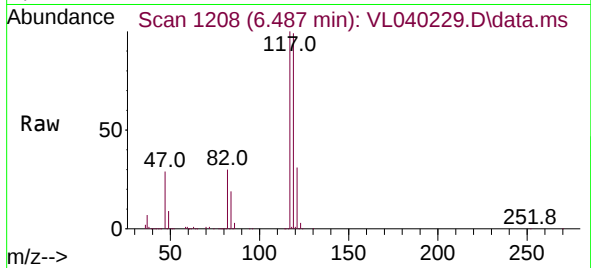
72 23.0 17.8 26.8





#35
Carbon Tetrachloride
Concen: 10.632 ppbv
RT: 6.487 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

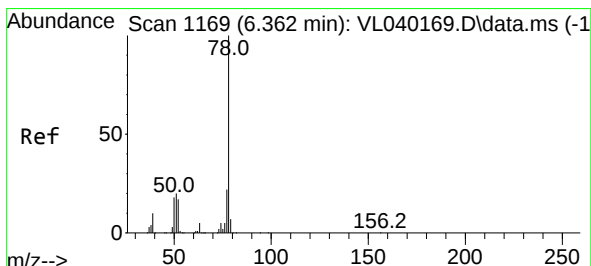
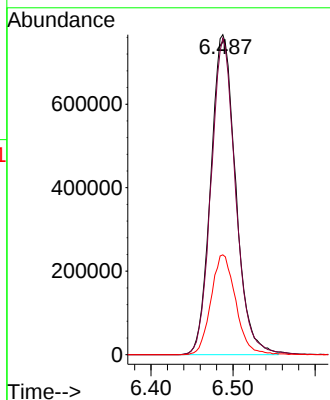
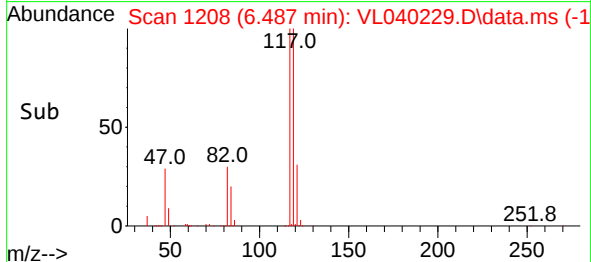
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 161916
Ion Ratio Lower Upper
117 100
119 98.9 75.0 112.6
121 31.2 25.0 37.4

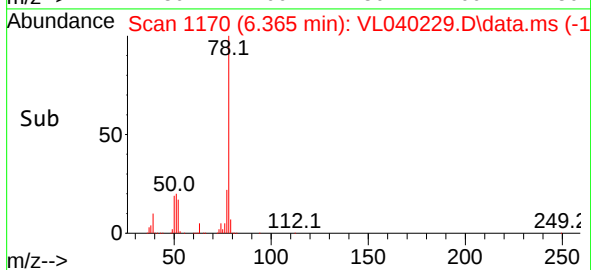
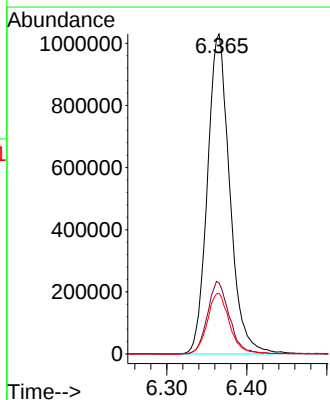
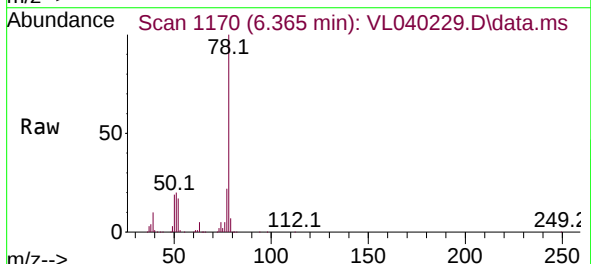
Manual Integrations
APPROVED

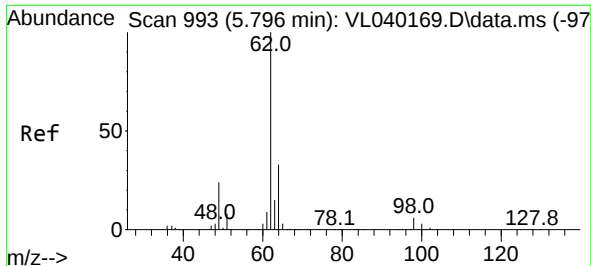
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#36
Benzene
Concen: 9.957 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Tgt Ion: 78 Resp: 1996252
Ion Ratio Lower Upper
78 100
77 22.2 17.5 26.3
50 19.0 14.6 22.0





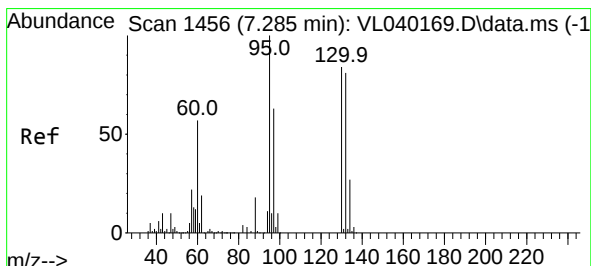
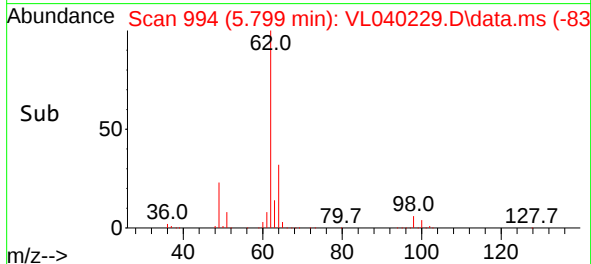
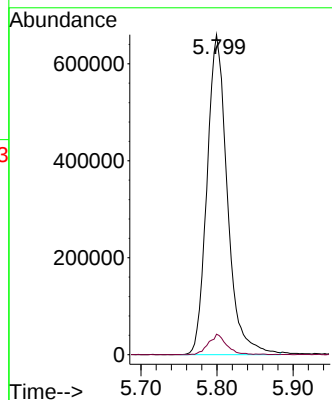
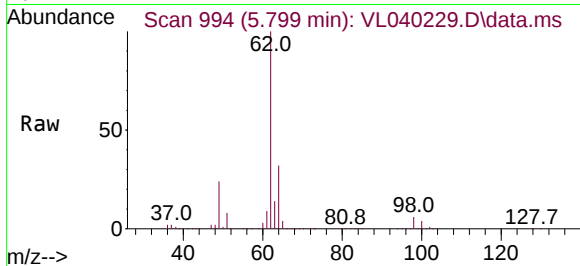
#37
1,2-Dichloroethane
Concen: 9.786 ppbv
RT: 5.799 min Scan# 994
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1227008
Ion Ratio Lower Upper
62 100
98 5.8 4.7 7.1

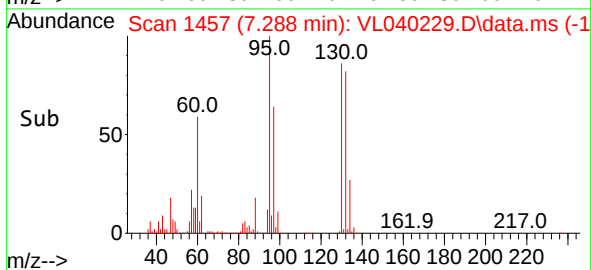
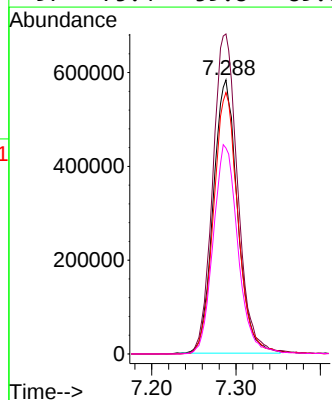
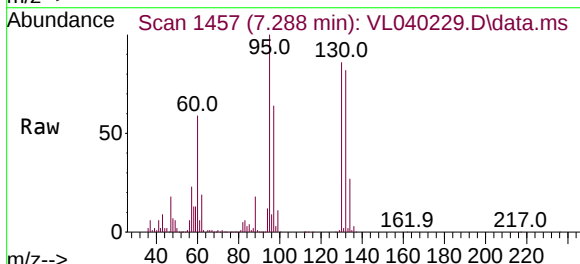
Manual Integrations
APPROVED

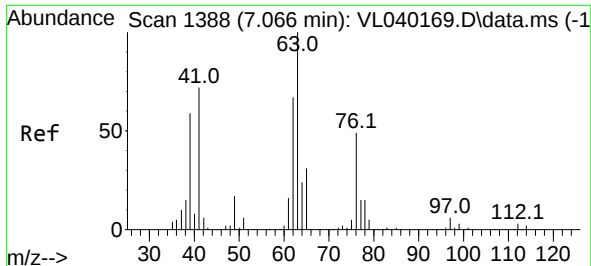
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#38
Trichloroethene
Concen: 10.516 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Tgt Ion:130 Resp: 1161737
Ion Ratio Lower Upper
130 100
95 117.0 94.7 142.1
132 95.7 76.4 114.6
97 75.4 59.8 89.6





#39

1,2-Dichloropropane

Concen: 9.690 ppbv

RT: 7.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

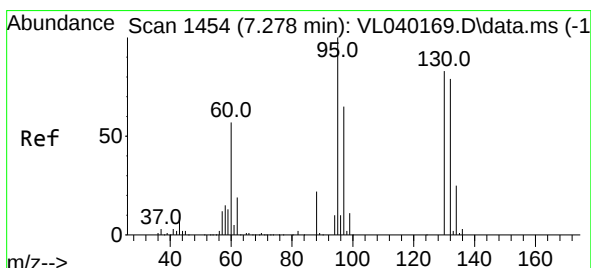
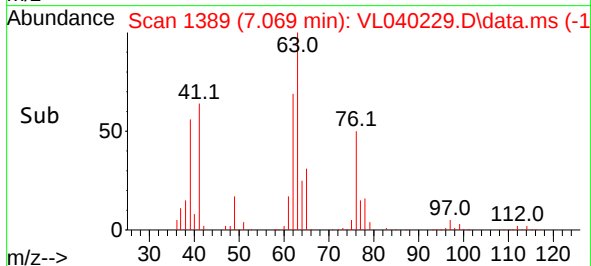
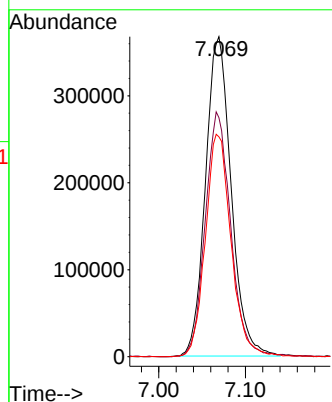
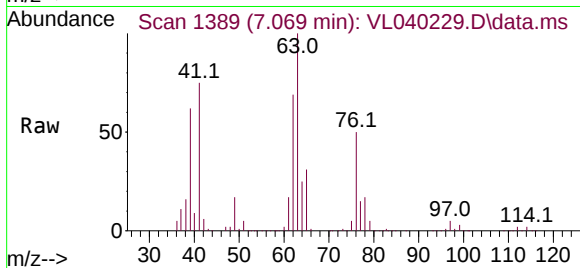
Tgt Ion: 63 Resp: 755750

Ion	Ratio	Lower	Upper
63	100		
41	74.6	57.6	86.4
62	68.3	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#40

1,4-Dioxane

Concen: 9.737 ppbv

RT: 7.282 min Scan# 1455

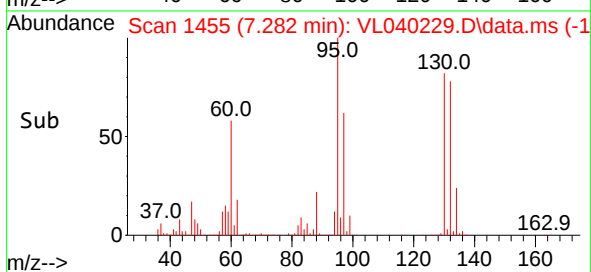
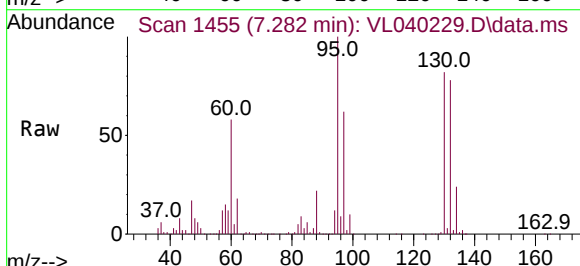
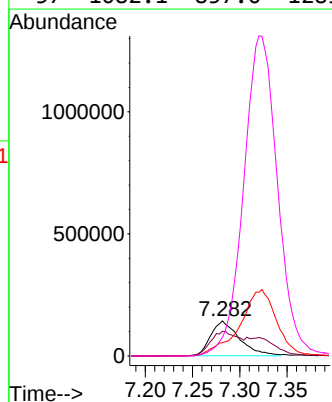
Delta R.T. 0.000 min

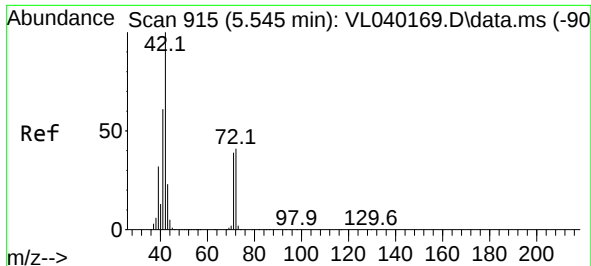
Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Tgt Ion: 88 Resp: 303765

Ion	Ratio	Lower	Upper
88	100		
58	122.2	97.4	146.0
43	242.1	193.5	290.3
57	1082.1	857.0	1285.6





#41

Tetrahydrofuran

Concen: 10.325 ppbv

RT: 5.549 min Scan# 915

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

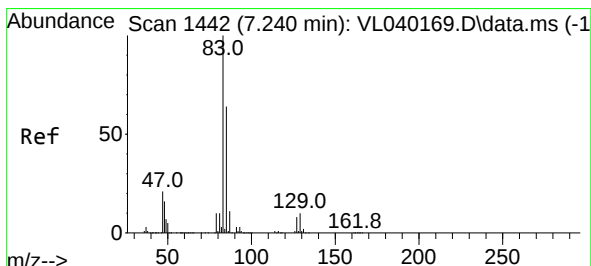
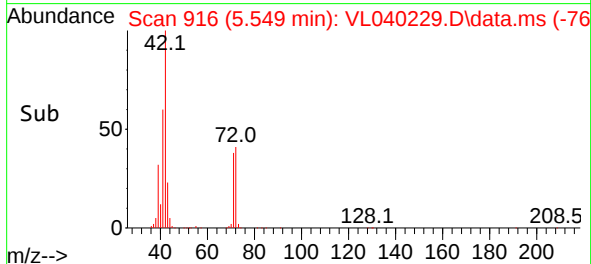
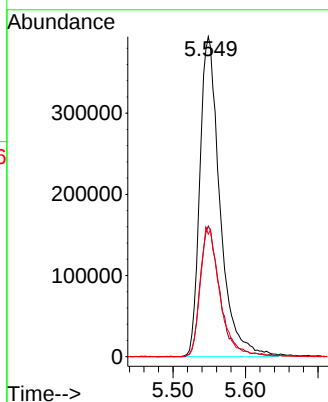
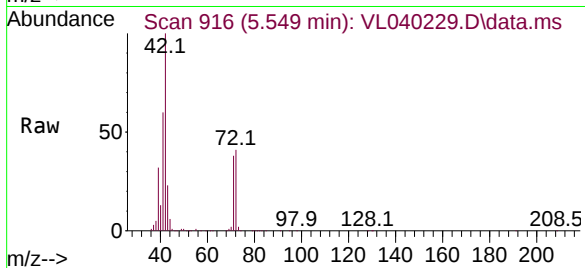
Tgt Ion: 42 Resp: 760380

Ion	Ratio	Lower	Upper
42	100		
72	40.6	33.0	49.4
71	40.0	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#42

Bromodichloromethane

Concen: 10.092 ppbv

RT: 7.246 min Scan# 1444

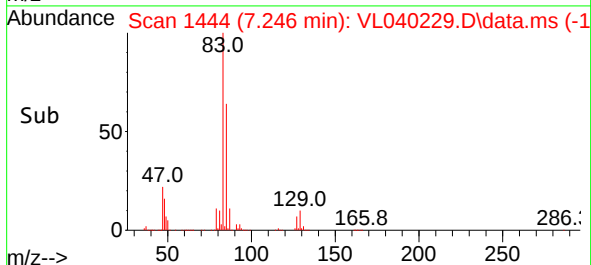
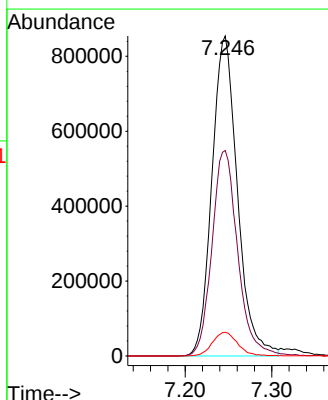
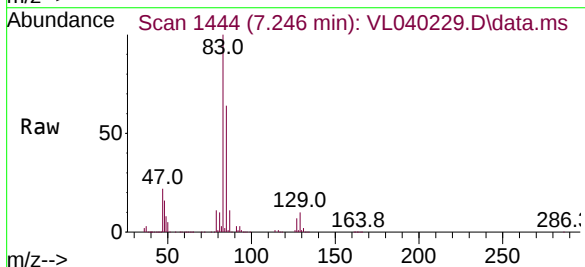
Delta R.T. 0.000 min

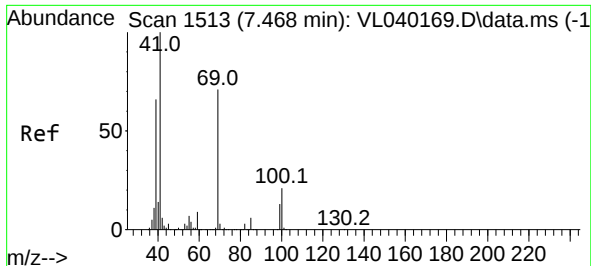
Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Tgt Ion: 83 Resp: 1746557

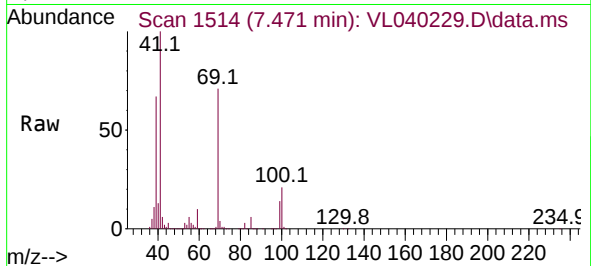
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.9	76.3
127	7.4	6.2	9.2





#43
Methyl Methacrylate
Concen: 10.565 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

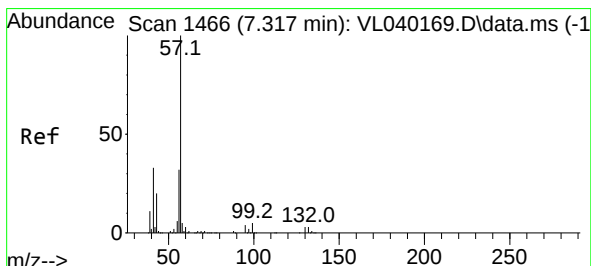
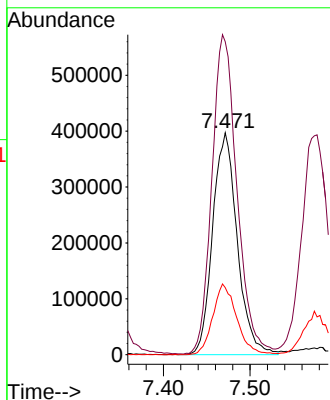
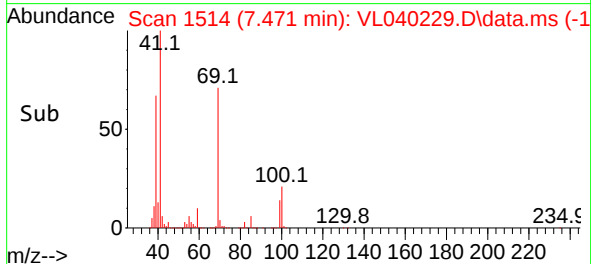
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



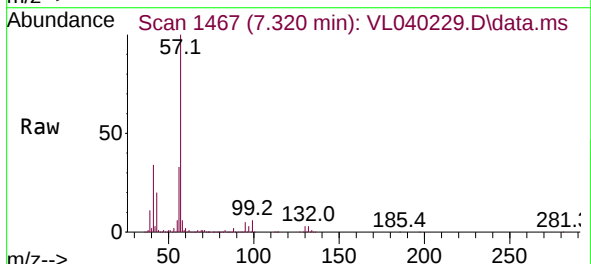
Tgt Ion: 69 Resp: 783760
Ion Ratio Lower Upper
69 100
41 147.1 116.6 174.8
100 31.0 25.6 38.4

Manual Integrations
APPROVED

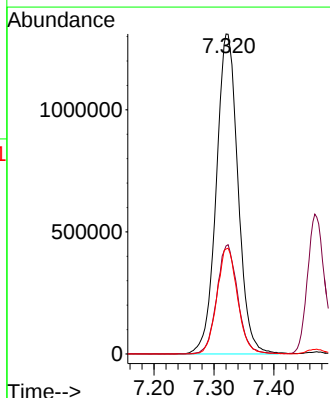
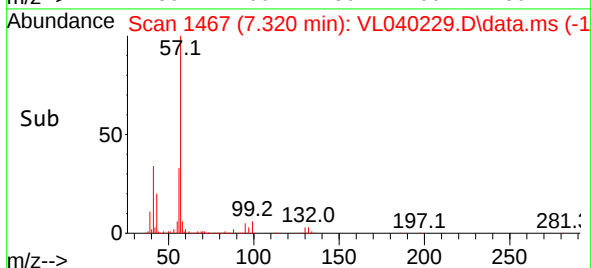
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

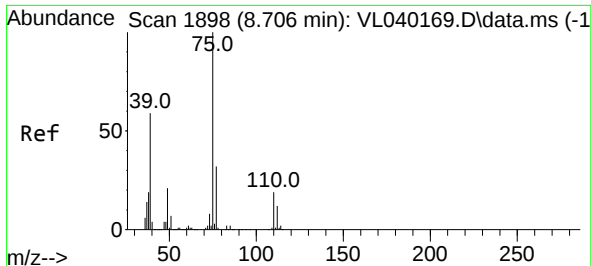


#44
2,2,4-Trimethylpentane
Concen: 9.810 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22



Tgt Ion: 57 Resp: 3283144
Ion Ratio Lower Upper
57 100
41 32.9 26.2 39.4
56 31.6 24.9 37.3





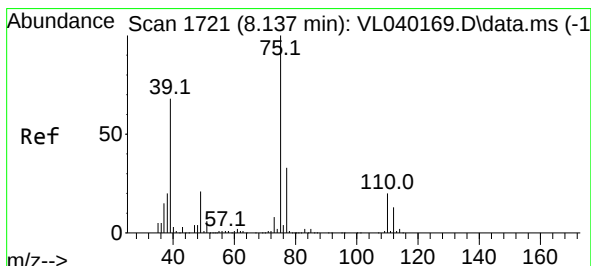
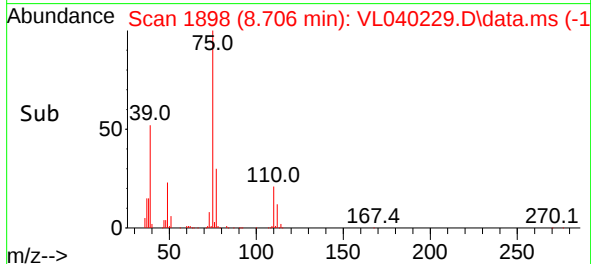
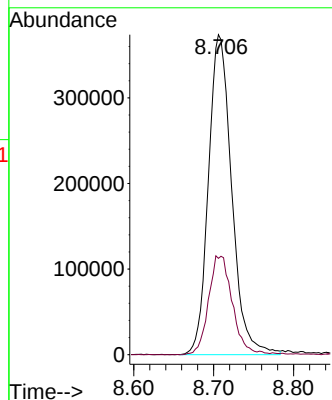
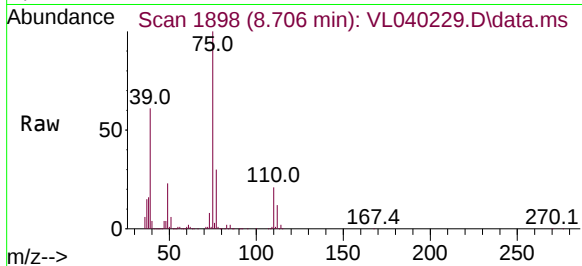
#45
t-1,3-Dichloropropene
Concen: 11.500 ppbv
RT: 8.706 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 75674
Ion Ratio Lower Upper
75 100
77 30.1 25.7 38.5

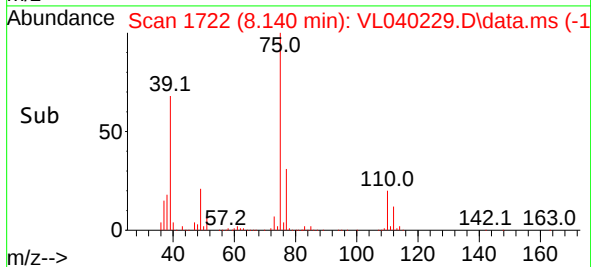
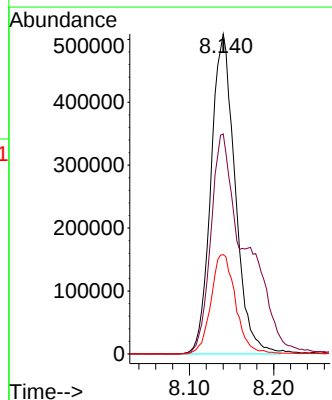
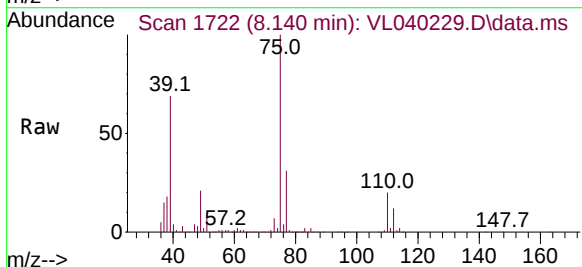
Manual Integrations
APPROVED

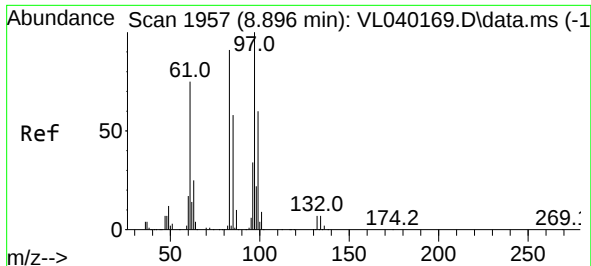
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#46
cis-1,3-Dichloropropene
Concen: 11.020 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

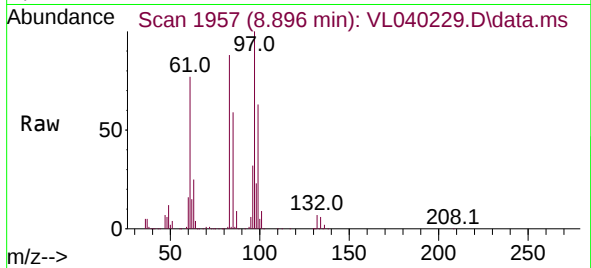
Tgt Ion: 75 Resp: 1010306
Ion Ratio Lower Upper
75 100
39 68.7 54.2 81.2
77 31.0 26.0 39.0





#47
1,1,2-Trichloroethane
Concen: 9.752 ppbv
RT: 8.896 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

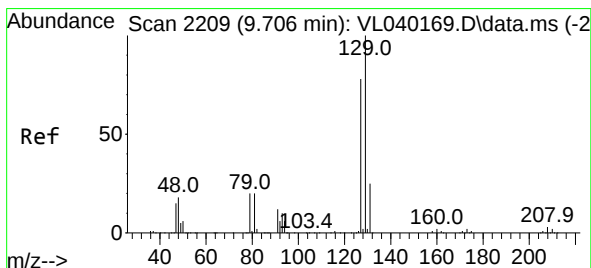
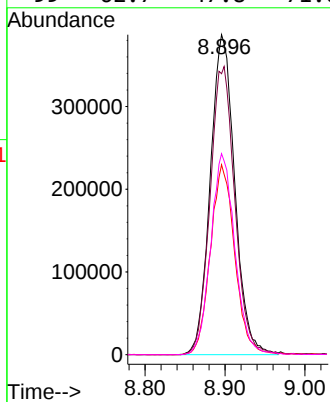
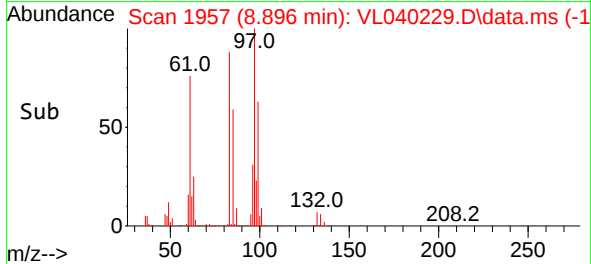
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 822608
Ion Ratio Lower Upper
97 100
83 87.7 72.8 109.2
85 59.4 46.6 69.8
99 62.7 47.8 71.6

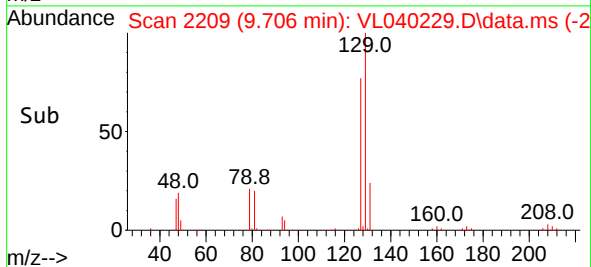
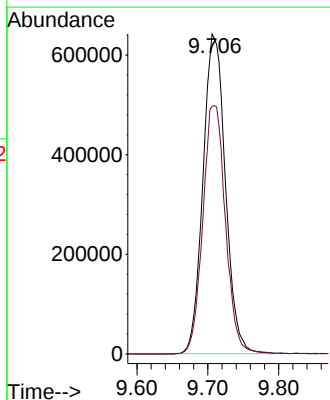
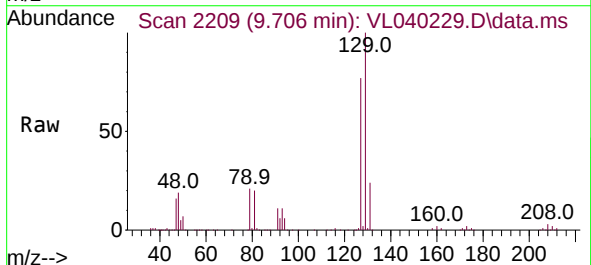
Manual Integrations
APPROVED

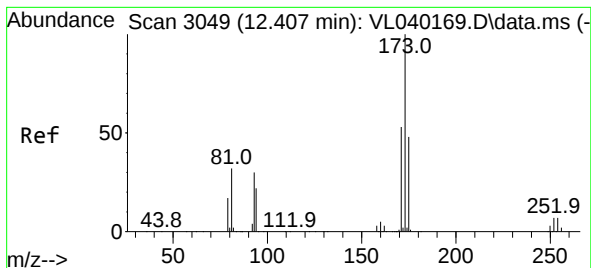
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#48
Dibromochloromethane
Concen: 10.437 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Tgt Ion:129 Resp: 1408241
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.2





#49

Bromoform

Concen: 10.577 ppbv

RT: 12.407 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1113820

Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.0

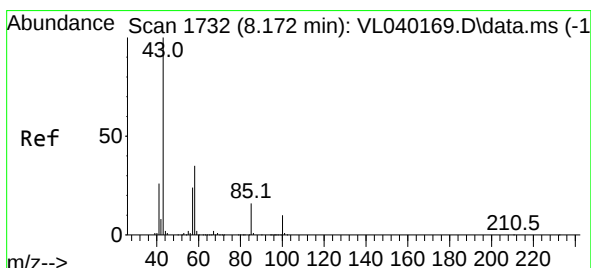
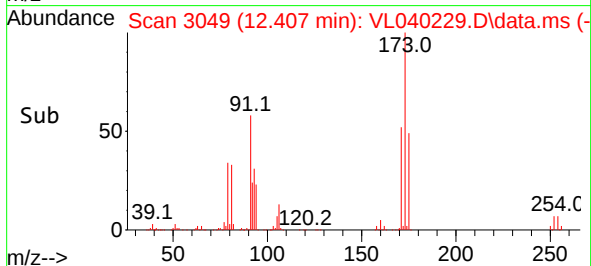
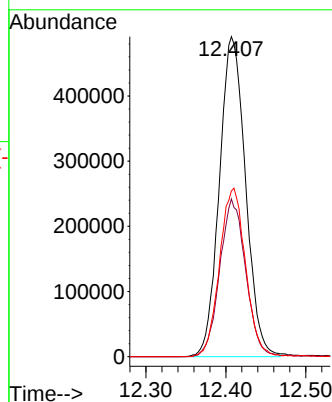
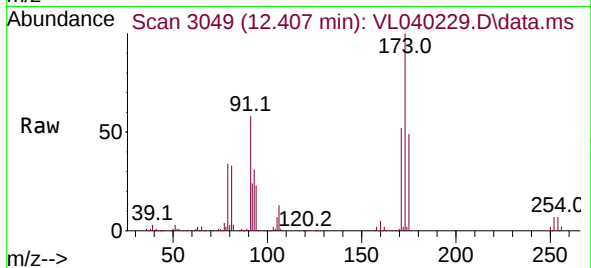
171 52.8 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#50

4-Methyl-2-Pentanone

Concen: 10.265 ppbv

RT: 8.175 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VL040229.D

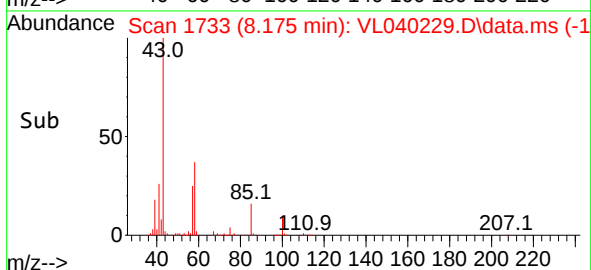
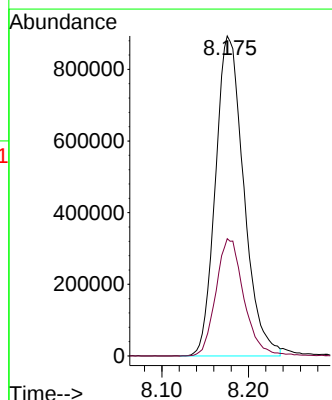
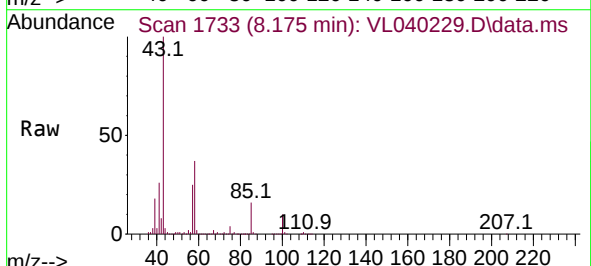
Acq: 27 Feb 2023 10:22

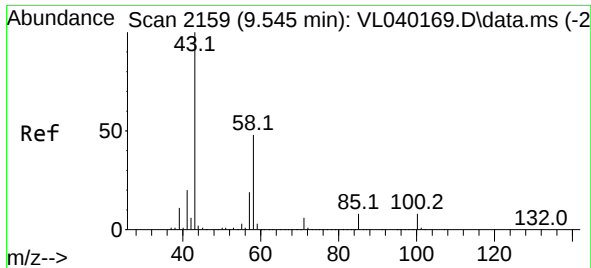
Tgt Ion: 43 Resp: 2025468

Ion Ratio Lower Upper

43 100

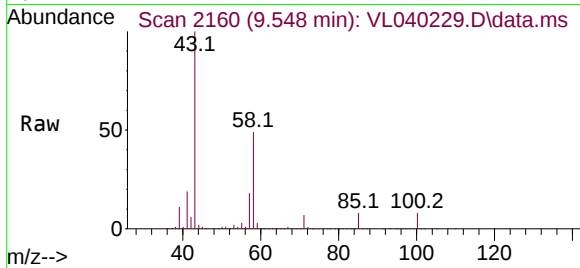
58 36.5 29.2 43.8





#51
2-Hexanone
Concen: 10.319 ppbv
RT: 9.548 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

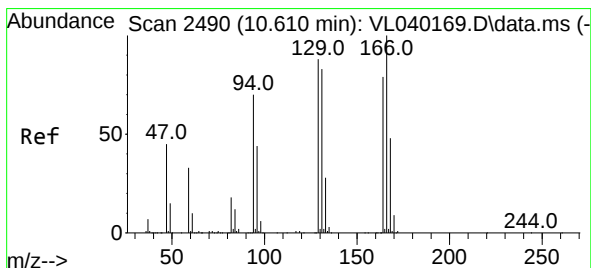
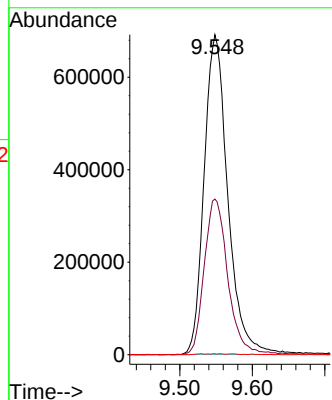
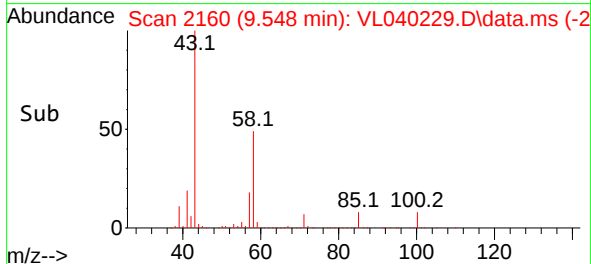
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



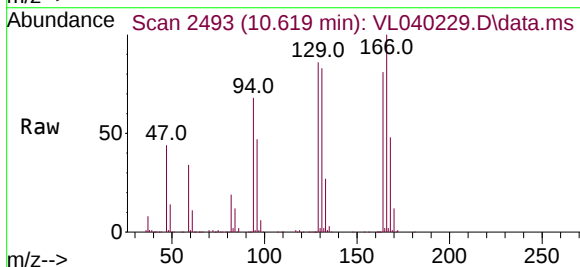
Tgt Ion: 43 Resp: 156586
Ion Ratio Lower Upper
43 100
58 48.9 39.1 58.7
98 0.5 0.2 0.4

Manual Integrations
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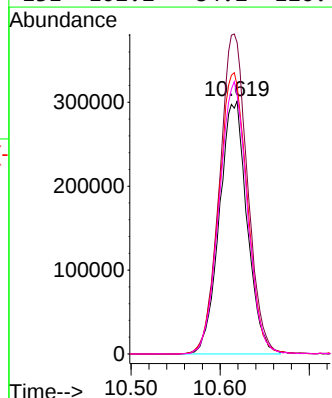
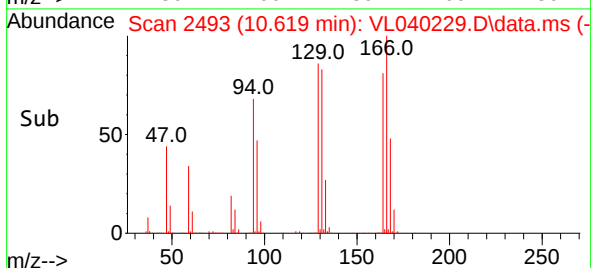
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

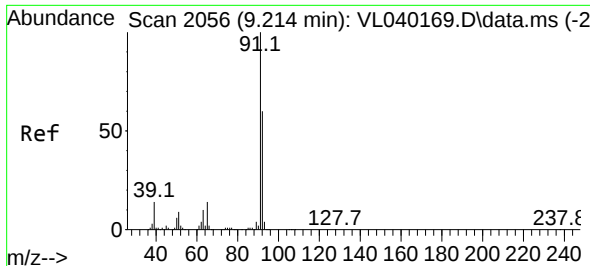


#52
Tetrachloroethene
Concen: 10.379 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22



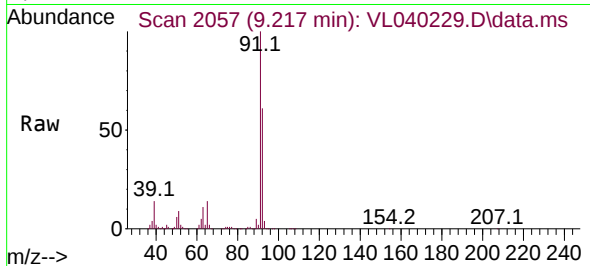
Tgt Ion:164 Resp: 649801
Ion Ratio Lower Upper
164 100
166 123.0 101.5 152.3
129 106.0 89.0 133.4
131 102.2 84.2 126.4





#53
Toluene
Concen: 10.350 ppbv
RT: 9.217 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

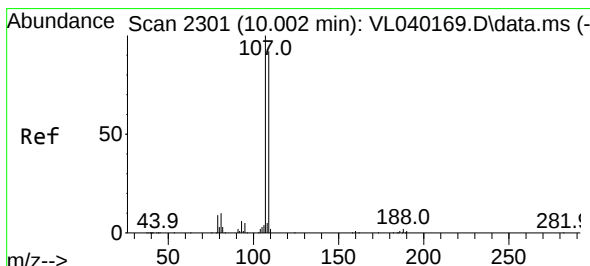
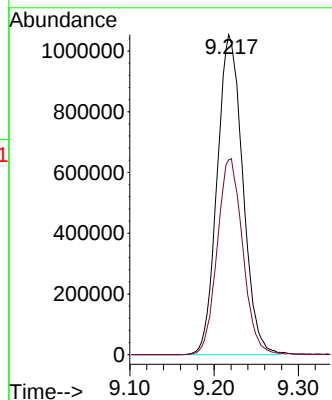
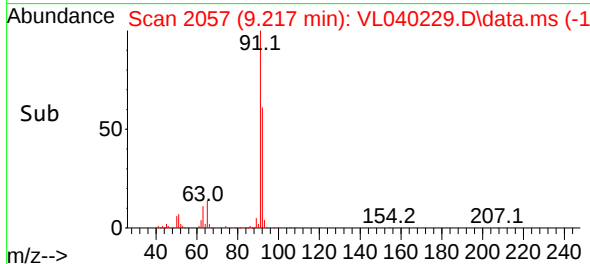
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



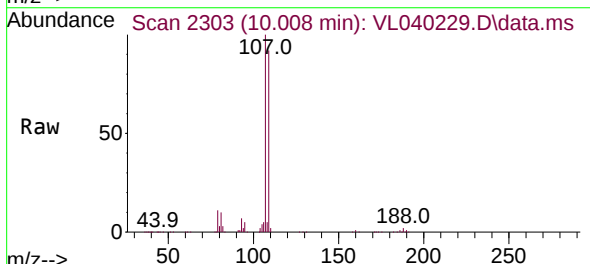
Tgt Ion: 91 Resp: 222249
Ion Ratio Lower Upper
91 100
92 61.3 48.9 73.3

Manual Integrations
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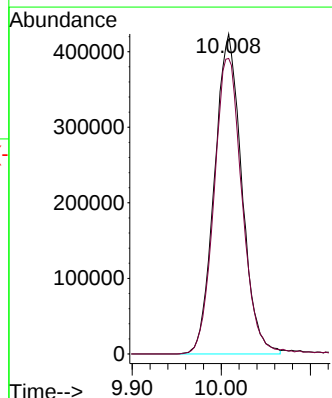
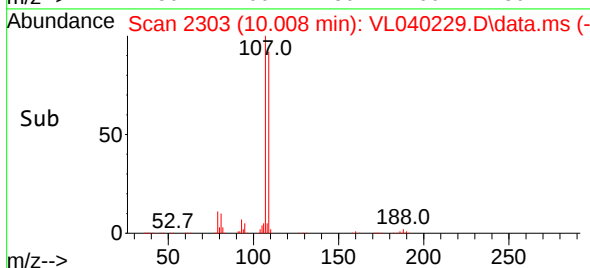
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

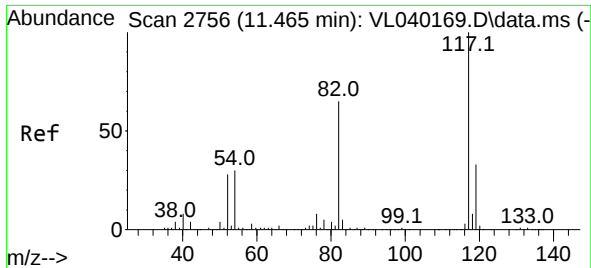


#54
1,2-Dibromoethane
Concen: 10.280 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22



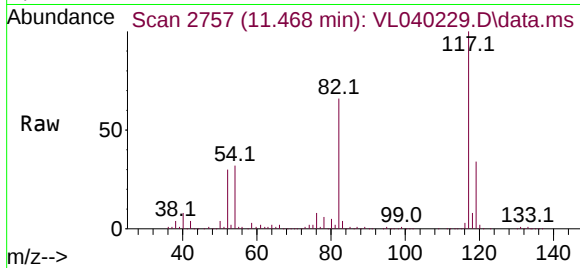
Tgt Ion:107 Resp: 902277
Ion Ratio Lower Upper
107 100
109 92.3 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.468 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

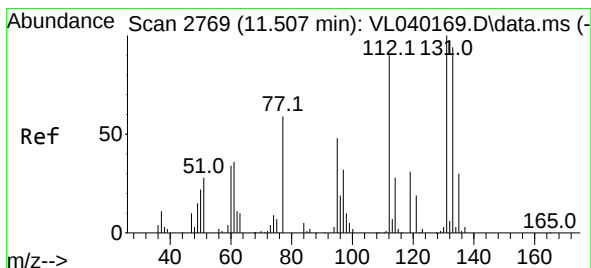
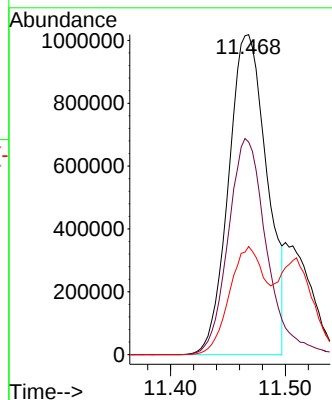
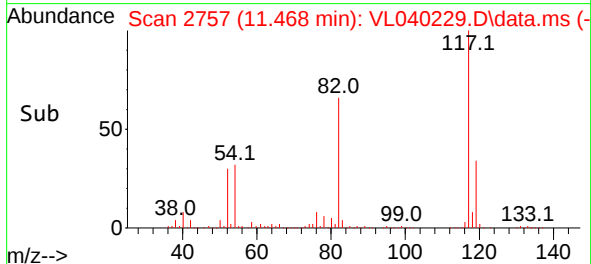
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 237668
Ion Ratio Lower Upper
117 100
82 67.5 53.3 79.9
119 31.1 24.6 37.0

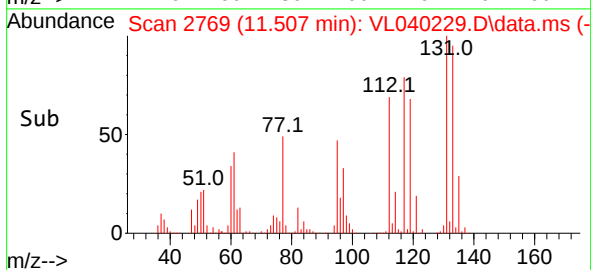
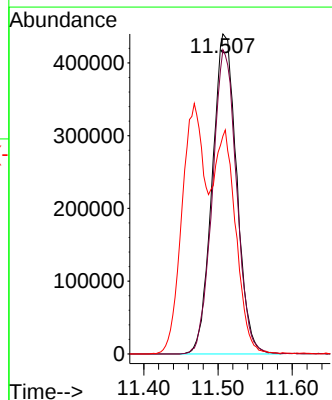
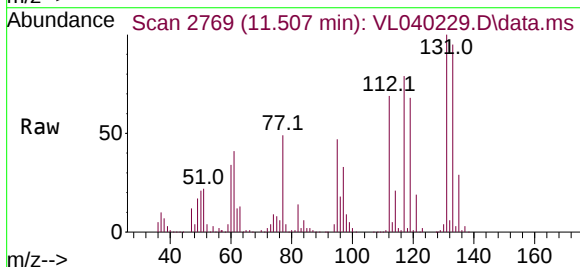
Manual Integrations
APPROVED

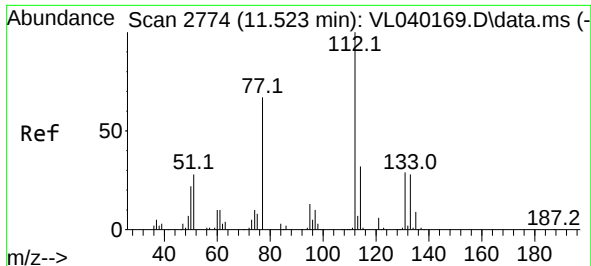
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.082 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

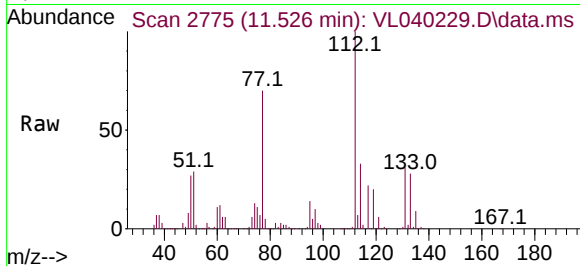
Tgt Ion:131 Resp: 1005822
Ion Ratio Lower Upper
131 100
133 94.1 76.2 114.2
119 64.8 45.4 68.0





#57
Chlorobenzene
Concen: 9.845 ppbv
RT: 11.526 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

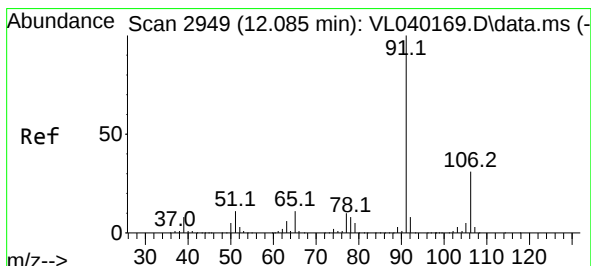
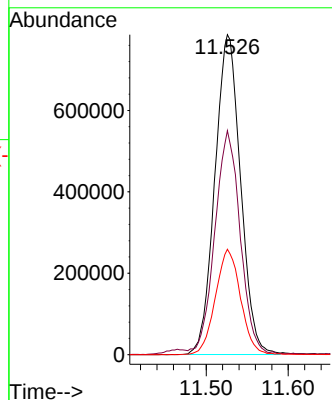
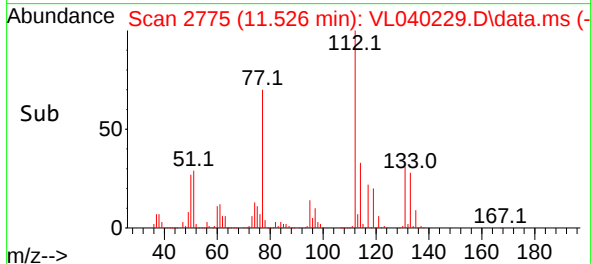
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



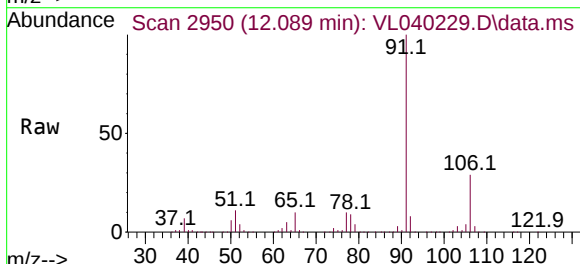
Tgt Ion: 112 Resp: 170953
Ion Ratio Lower Upper
112 100
77 69.6 55.0 82.4
114 32.9 29.0 35.4

Manual Integrations
APPROVED

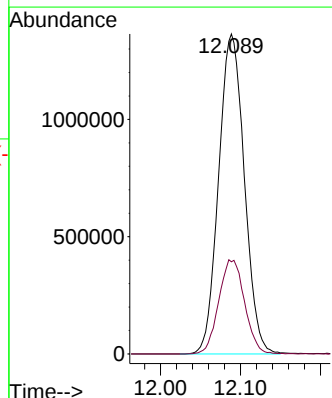
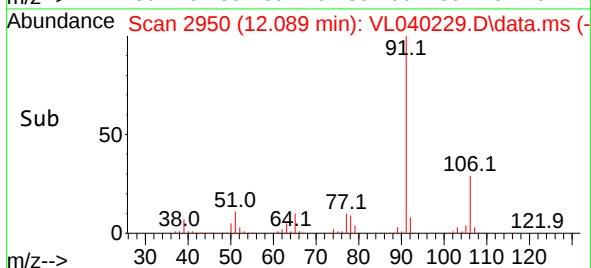
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

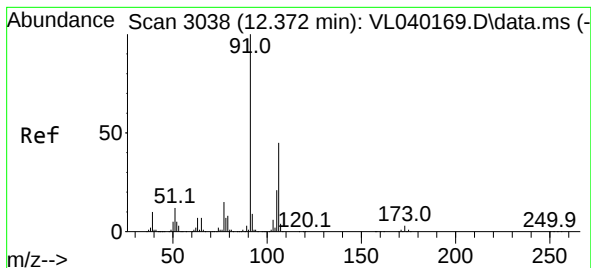


#58
Ethyl Benzene
Concen: 10.525 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22



Tgt Ion: 91 Resp: 3039285
Ion Ratio Lower Upper
91 100
106 28.8 24.9 37.3





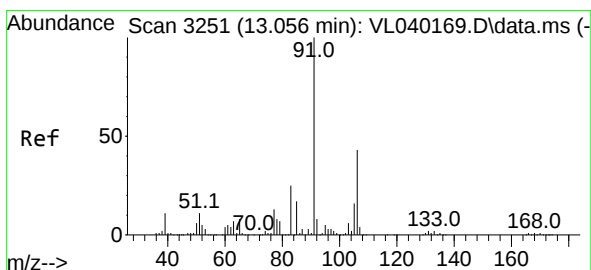
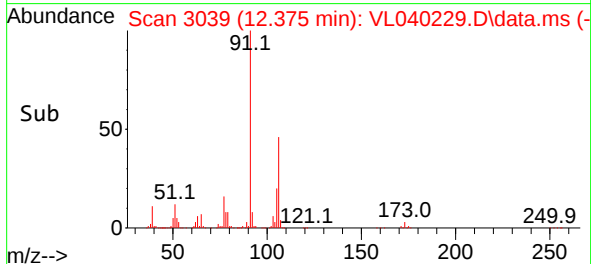
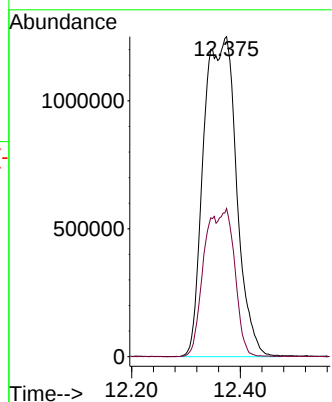
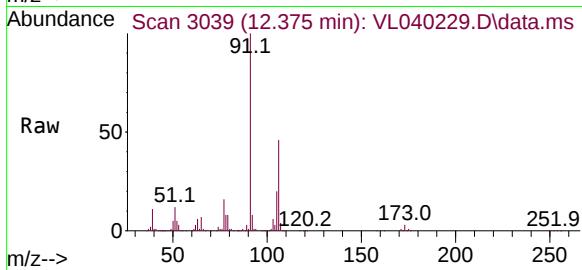
#59
m/p-Xylene
Concen: 20.483 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 5238754
Ion Ratio Lower Upper
91 100
106 42.8 34.6 51.8

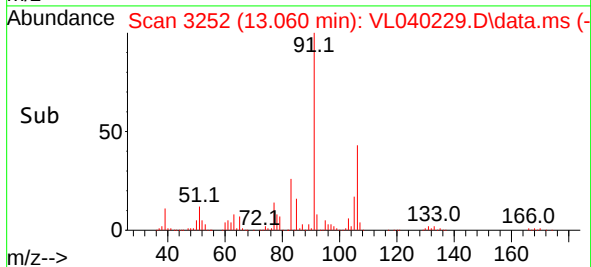
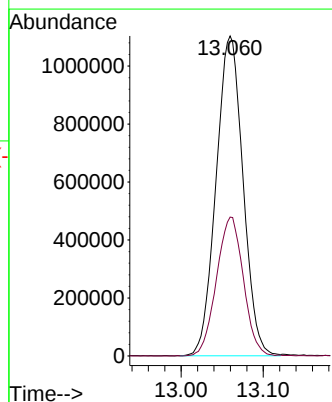
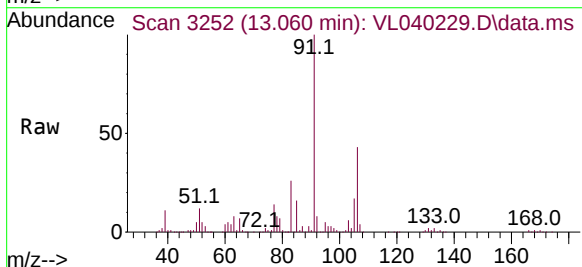
Manual Integrations
APPROVED

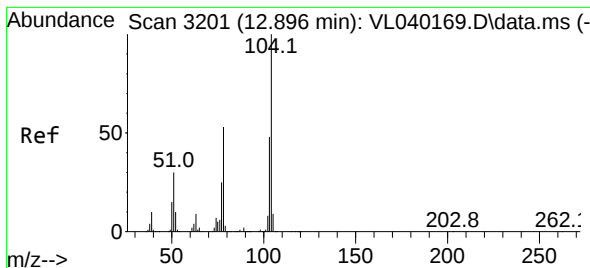
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#60
o-Xylene
Concen: 10.213 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Tgt Ion: 91 Resp: 2513431
Ion Ratio Lower Upper
91 100
106 43.6 21.6 65.0





#61

Styrene

Concen: 11.059 ppbv

RT: 12.896 min Scan# 3201

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1428890

Ion Ratio Lower Upper

104 100

78 53.8 42.3 63.5

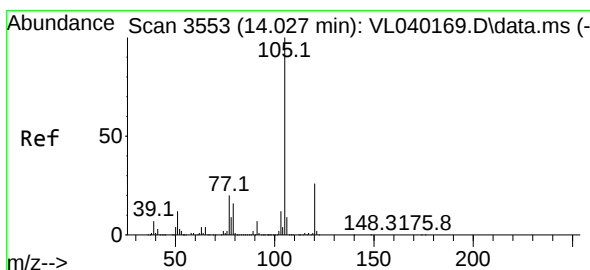
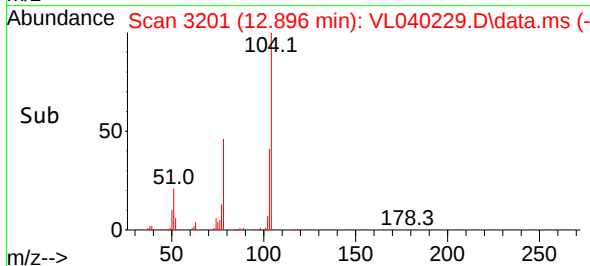
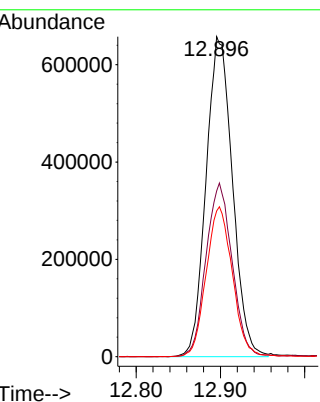
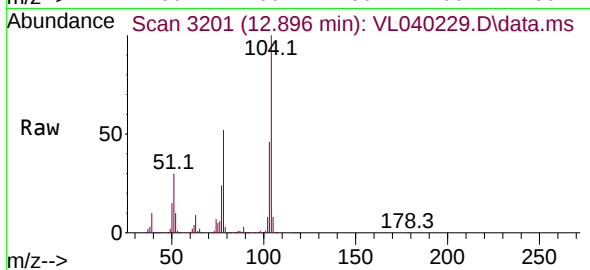
103 46.8 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#62

Isopropylbenzene

Concen: 9.938 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.000 min

Lab File: VL040229.D

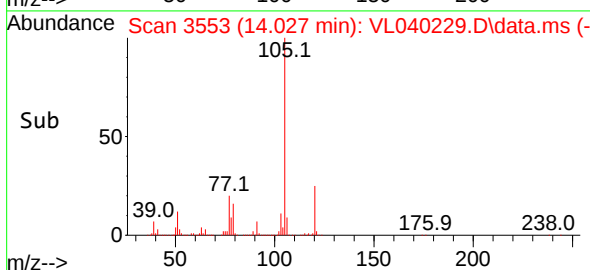
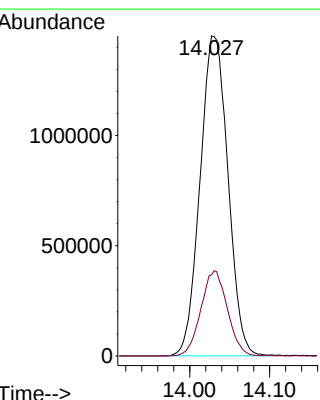
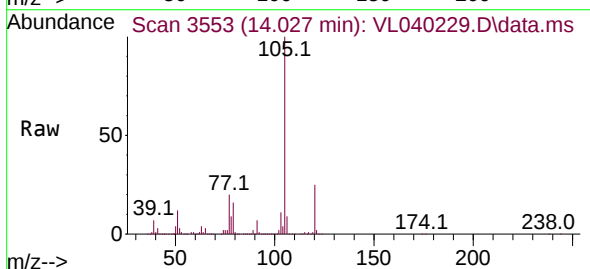
Acq: 27 Feb 2023 10:22

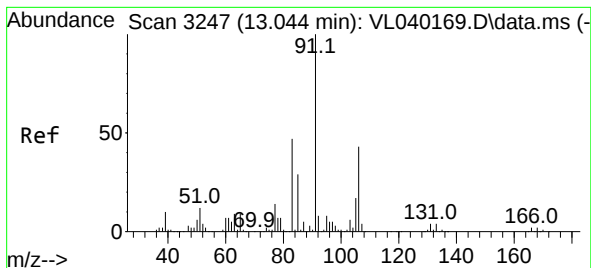
Tgt Ion:105 Resp: 3510507

Ion Ratio Lower Upper

105 100

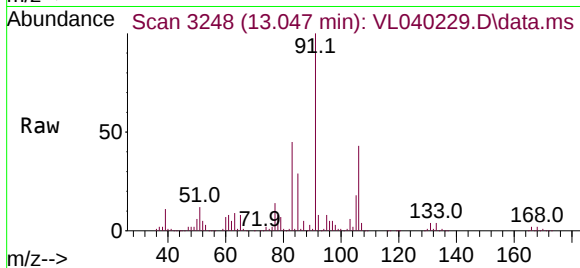
120 25.3 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.381 ppbv
RT: 13.047 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

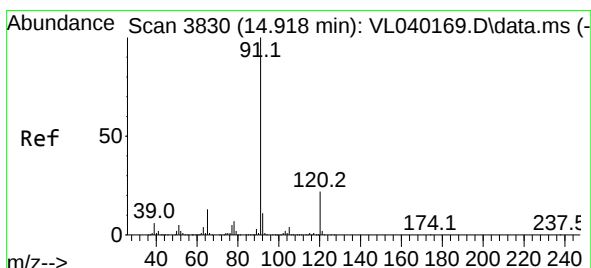
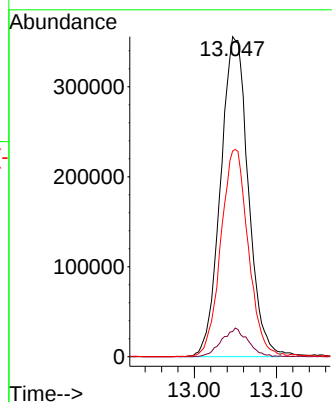
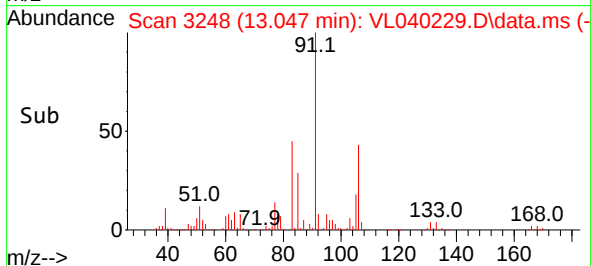
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



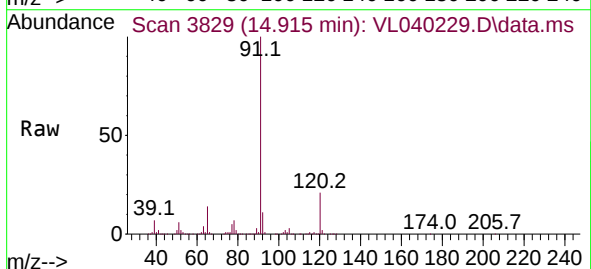
Tgt Ion: 83 Resp: 83192
Ion Ratio Lower Upper
83 100
131 8.6 4.4 13.2
85 64.8 33.0 99.0

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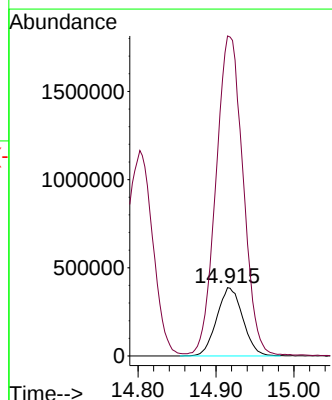
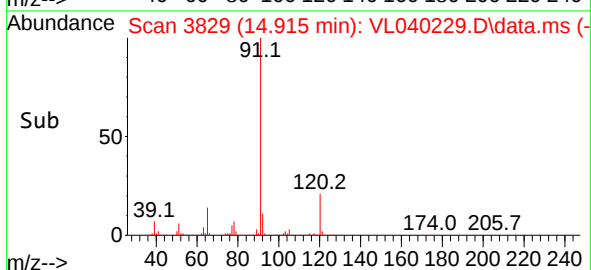
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

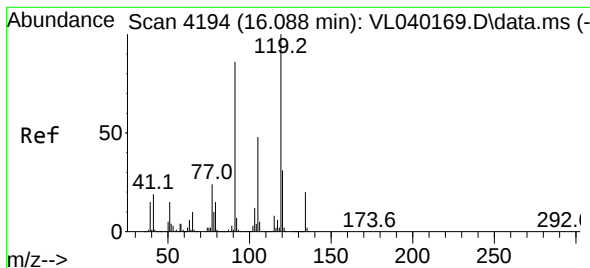


#64
n-propylbenzene
Concen: 10.277 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22



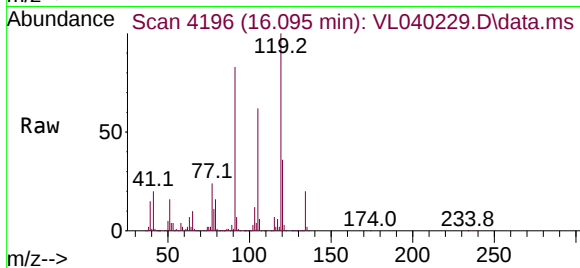
Tgt Ion:120 Resp: 898531
Ion Ratio Lower Upper
120 100
91 491.0 389.8 584.8





#65
tert-Butylbenzene
Concen: 10.009 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

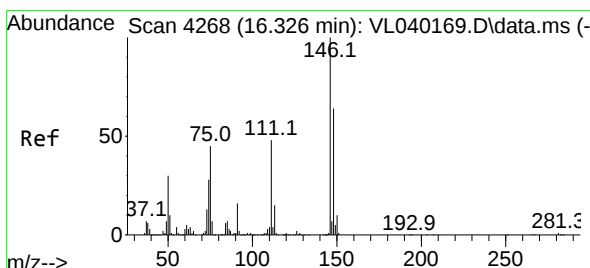
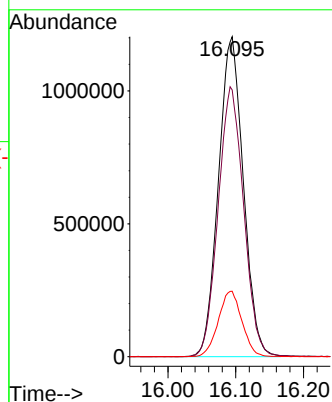
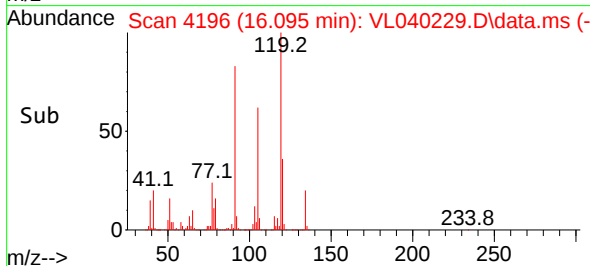
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



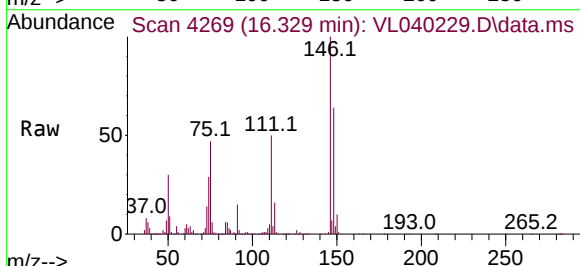
Tgt Ion:119 Resp: 307355
Ion Ratio Lower Upper
119 100
91 86.4 68.6 102.8
134 19.5 15.9 23.9

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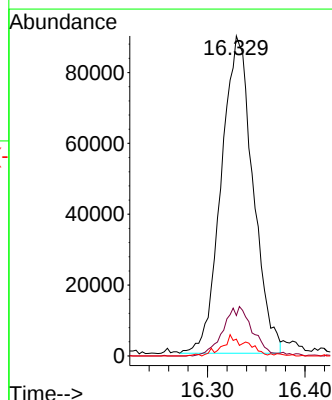
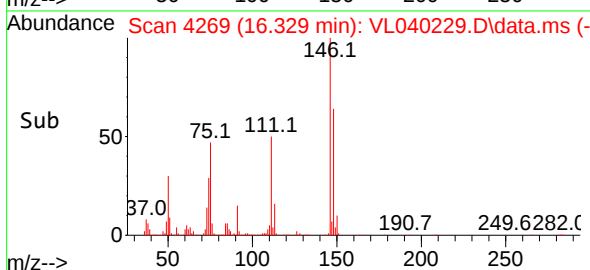
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

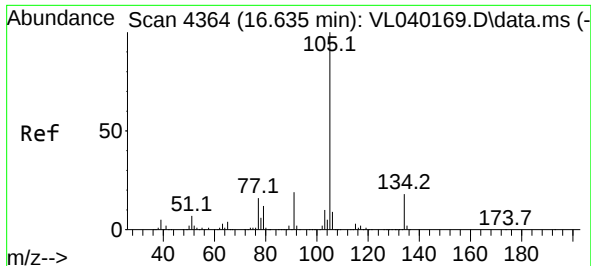


#66
Benzyl Chloride
Concen: 9.921 ppbv
RT: 16.329 min Scan# 4269
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22



Tgt Ion: 91 Resp: 202720
Ion Ratio Lower Upper
91 100
126 15.0 13.1 19.7
128 5.4 4.1 6.1





#67

sec-Butylbenzene

Concen: 9.888 ppbv

RT: 16.638 min Scan# 4364

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 435449

Ion Ratio Lower Upper

105 100

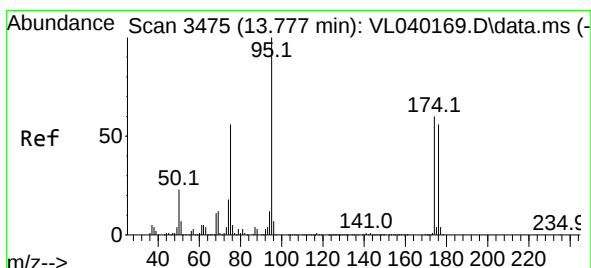
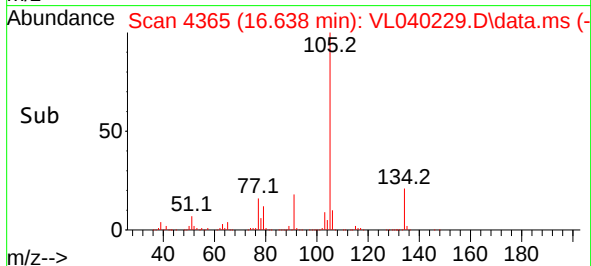
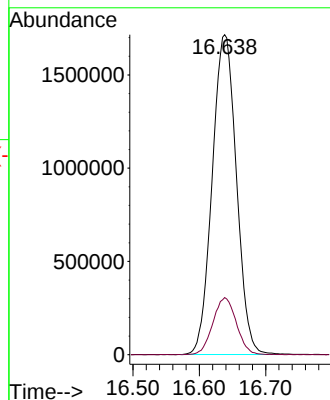
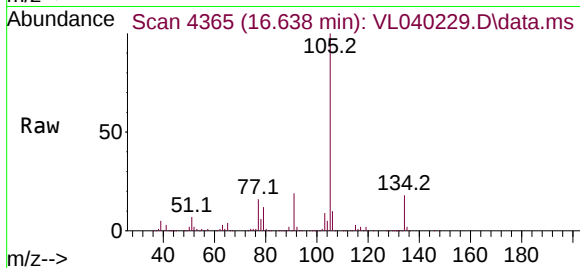
134 17.2 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.846 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

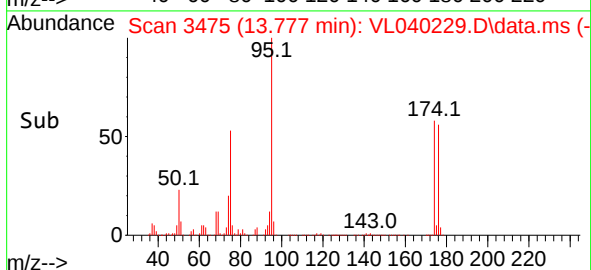
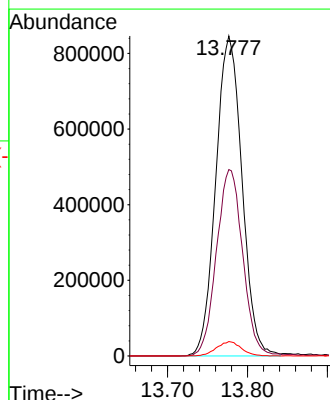
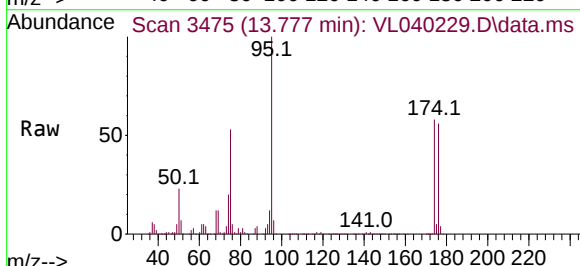
Tgt Ion: 95 Resp: 1924182

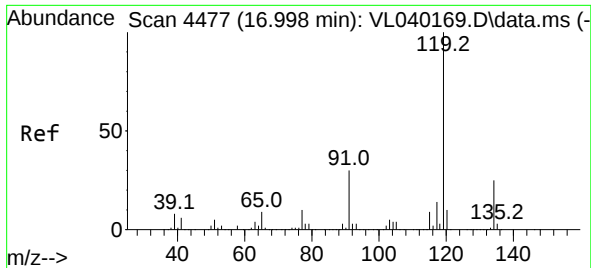
Ion Ratio Lower Upper

95 100

174 58.5 48.2 72.2

175 4.3 3.4 5.2





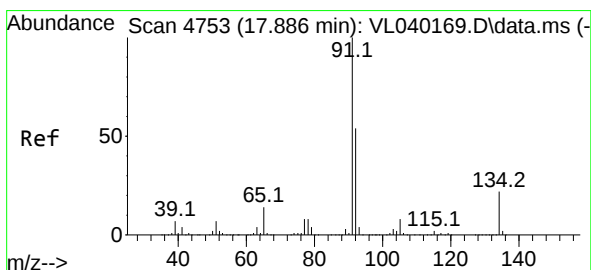
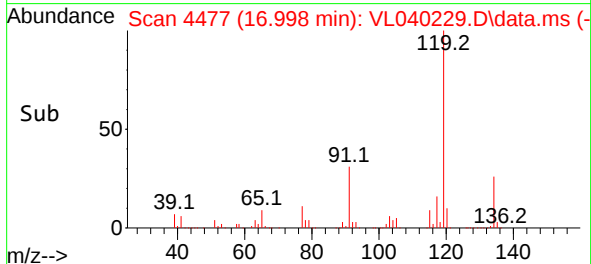
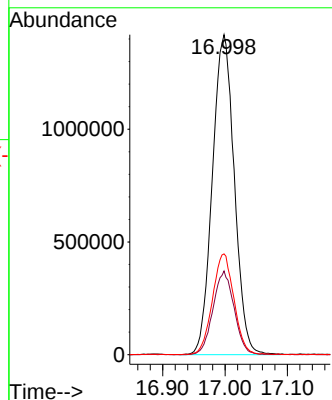
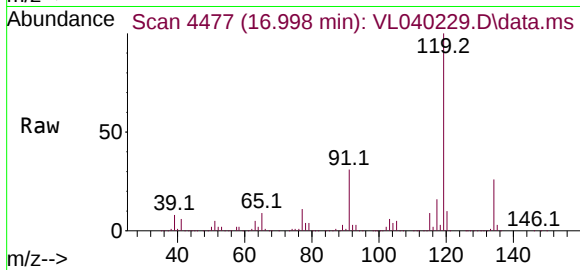
#69
p-Isopropyltoluene
Concen: 9.916 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 346195
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.2
91 31.0 24.7 37.1

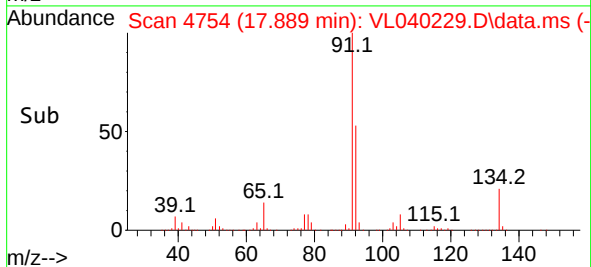
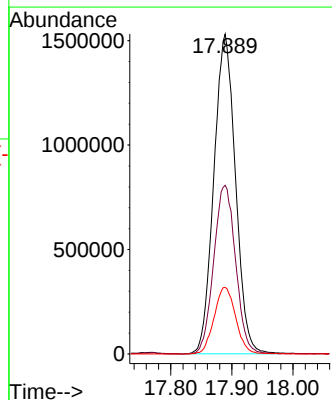
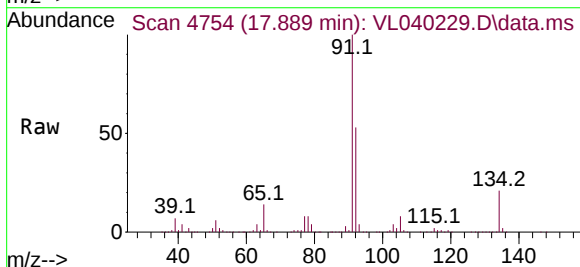
Manual Integrations
APPROVED

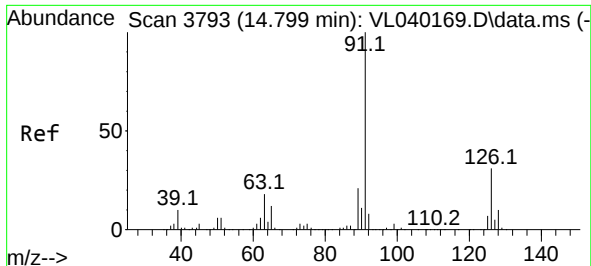
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#70
n-Butylbenzene
Concen: 9.933 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Tgt Ion: 91 Resp: 3763803
Ion Ratio Lower Upper
91 100
92 53.4 43.0 64.6
134 20.9 16.9 25.3





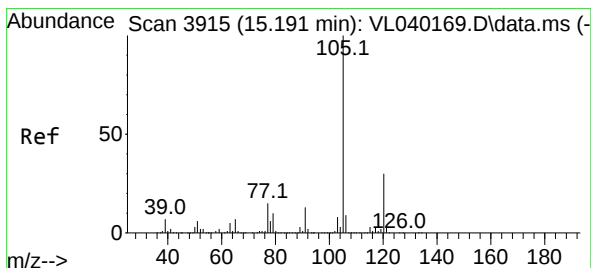
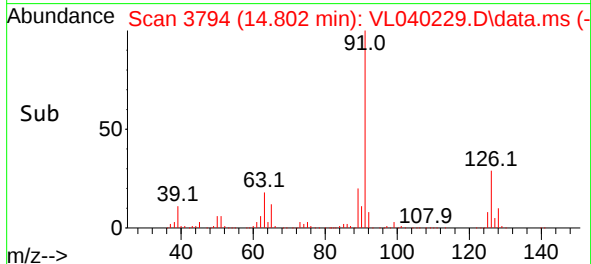
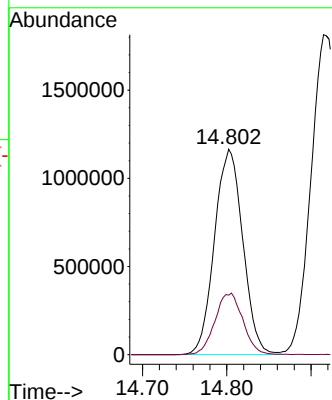
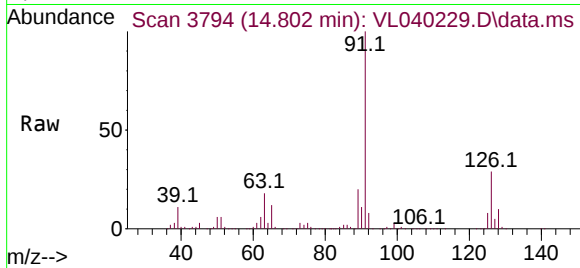
#71
2-Chlorotoluene
Concen: 10.058 ppbv
RT: 14.802 min Scan# 3793
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2717328
Ion Ratio Lower Upper
91 100
126 29.7 12.0 48.2

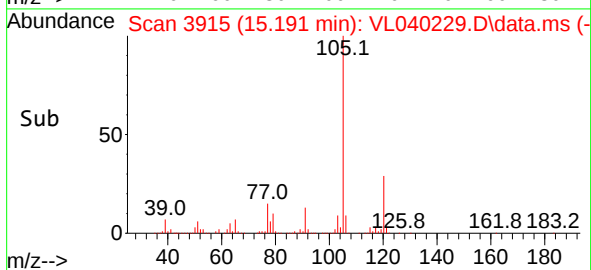
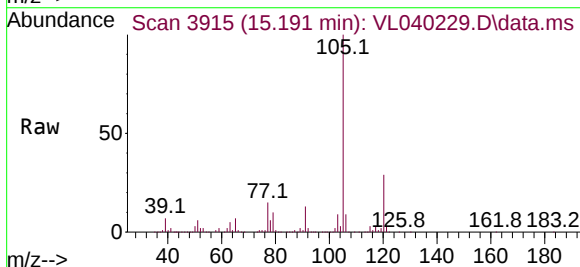
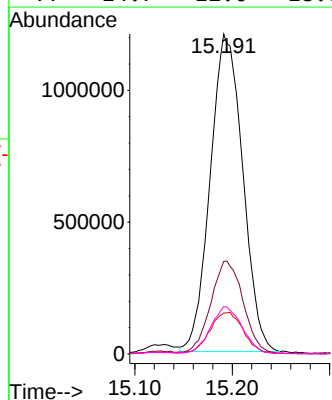
Manual Integrations
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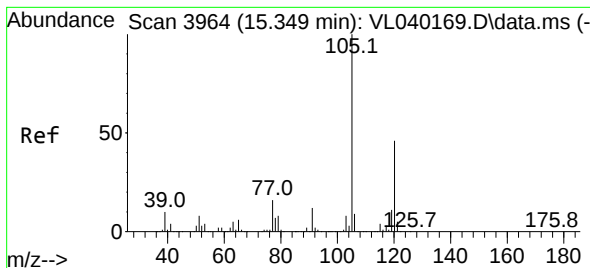
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#72
4-Ethyltoluene
Concen: 10.248 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Tgt Ion:105 Resp: 2788112
Ion Ratio Lower Upper
105 100
120 29.4 23.2 34.8
91 13.6 11.3 16.9
77 14.7 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 9.876 ppbv

RT: 15.355 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 2500080

Ion Ratio Lower Upper

105 100

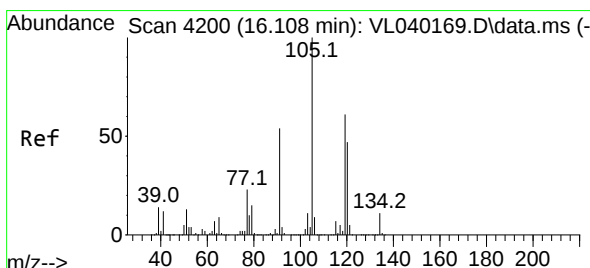
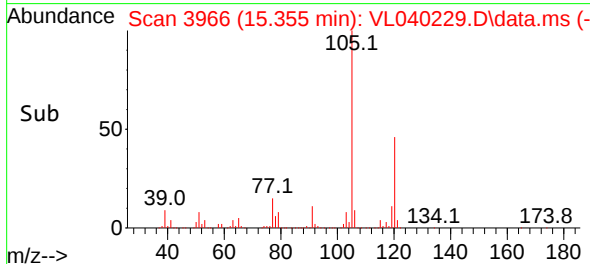
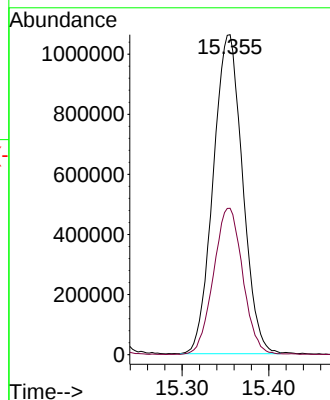
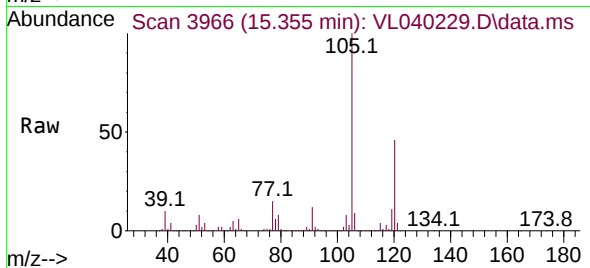
120 45.8 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.807 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Tgt Ion:105 Resp: 2726912

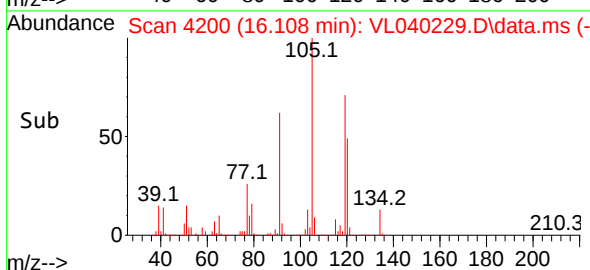
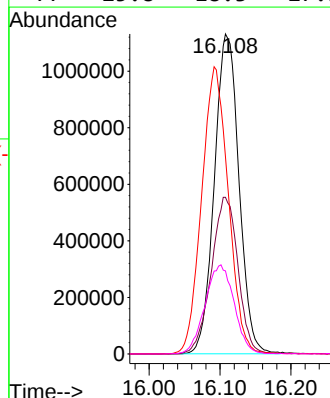
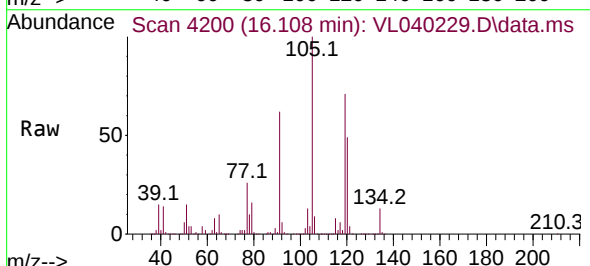
Ion Ratio Lower Upper

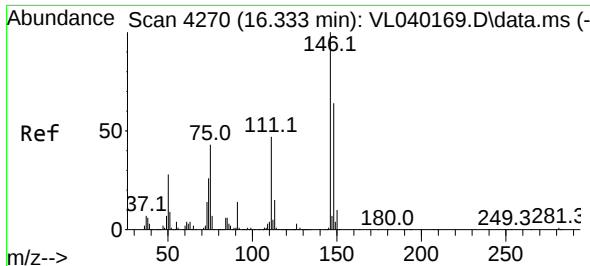
105 100

120 48.8 37.9 56.9

91 61.3 43.7 65.5

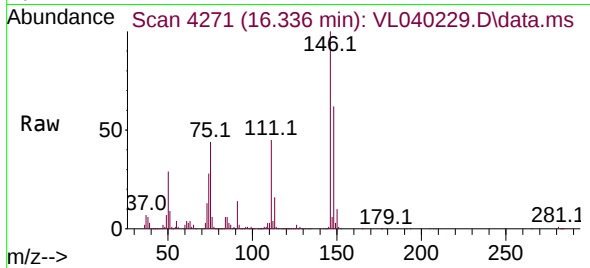
77 25.8 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 9.710 ppbv
RT: 16.336 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

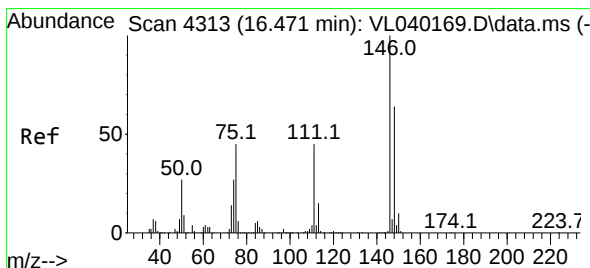
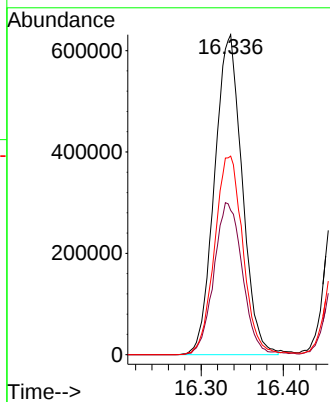
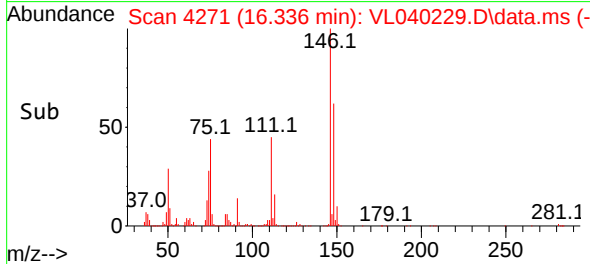
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



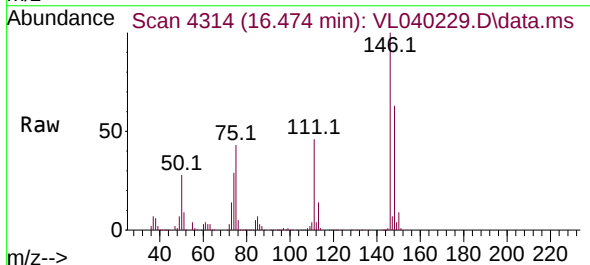
Tgt Ion:146 Resp: 1477624
Ion Ratio Lower Upper
146 100
111 49.1 23.9 71.8
148 64.0 32.1 96.5

Manual Integrations
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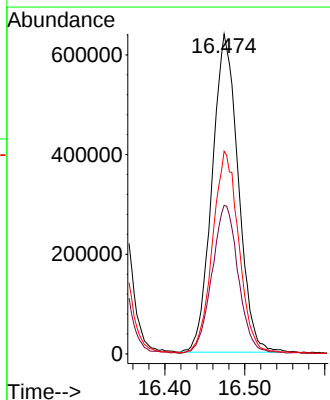
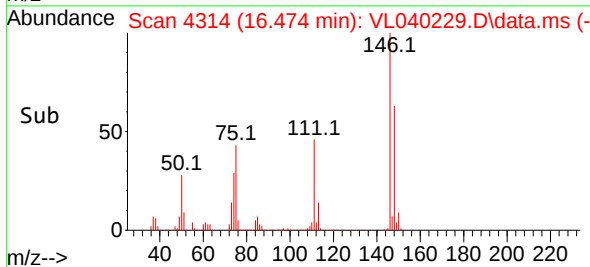
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#76
1,4-Dichlorobenzene
Concen: 9.696 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22



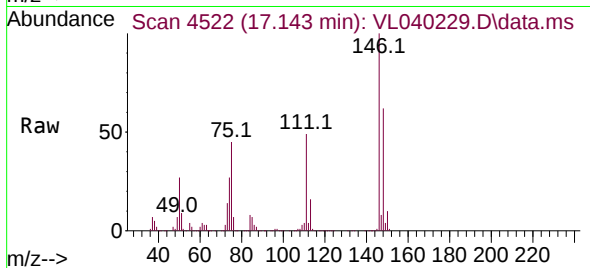
Tgt Ion:146 Resp: 1445878
Ion Ratio Lower Upper
146 100
111 47.5 23.5 70.5
148 64.8 32.5 97.4





#77
1,2-Dichlorobenzene
Concen: 9.420 ppbv
RT: 17.143 min Scan# 4522
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

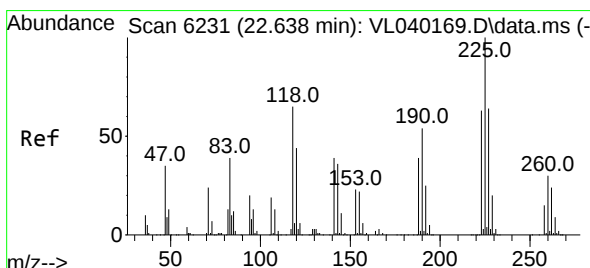
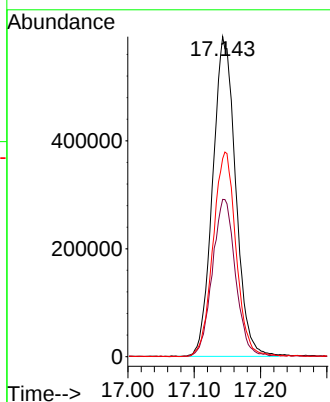
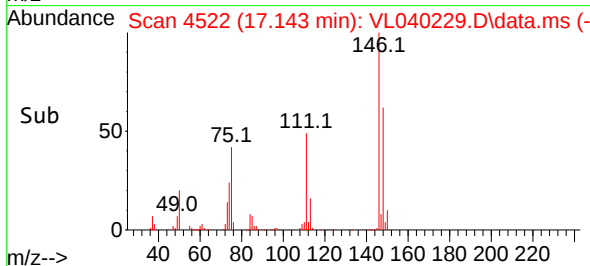
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 142389
Ion Ratio Lower Upper
146 100
111 49.8 25.3 75.8
148 64.1 32.0 96.2

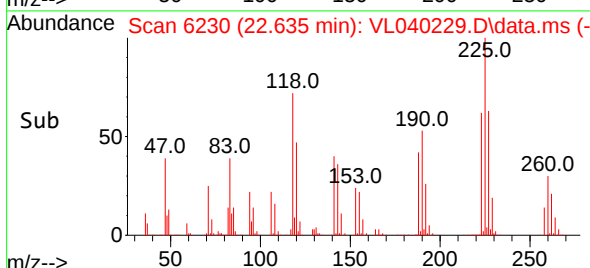
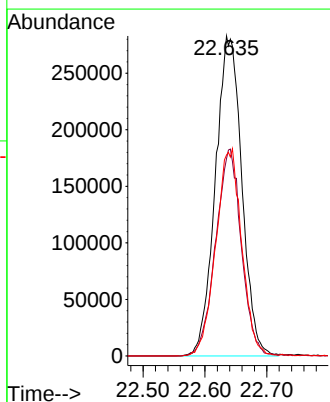
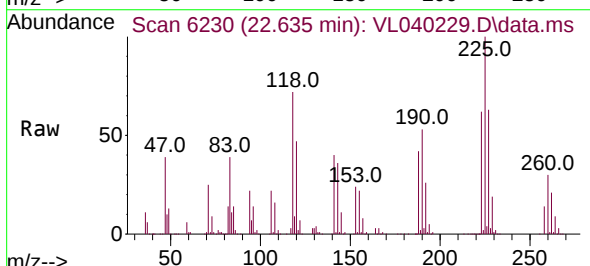
Manual Integrations
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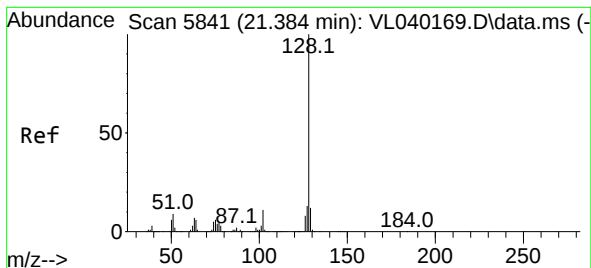
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#78
Hexachloro-1,3-Butadiene
Concen: 8.104 ppbv m
RT: 22.635 min Scan# 6230
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Tgt Ion:225 Resp: 841576
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.2 76.8#





#79

Naphthalene

Concen: 10.083 ppbv

RT: 21.390 min Scan# 5843

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 1575089

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.4

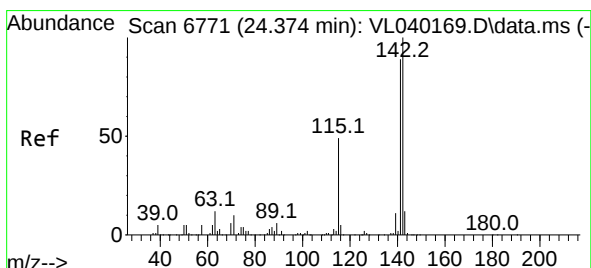
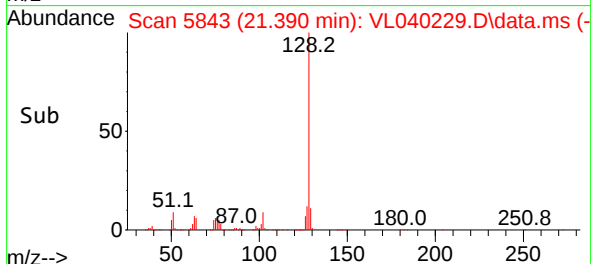
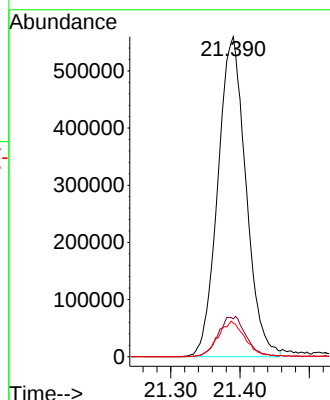
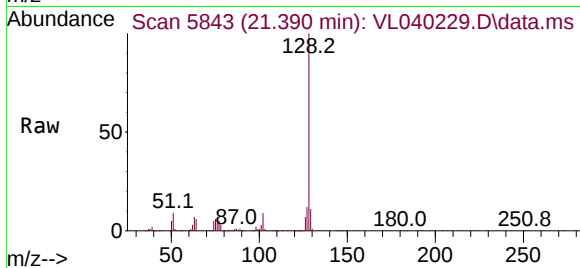
129 10.5 9.4 14.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#80

Naphthalene,2-methyl-

Concen: 7.638 ppbv

RT: 24.381 min Scan# 6773

Delta R.T. 0.000 min

Lab File: VL040229.D

Acq: 27 Feb 2023 10:22

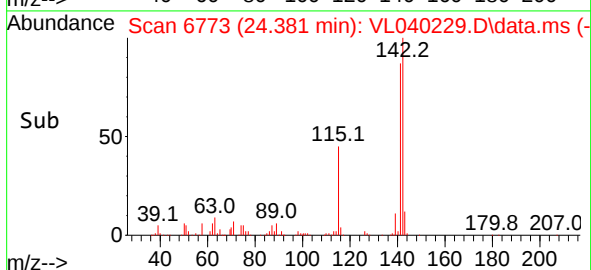
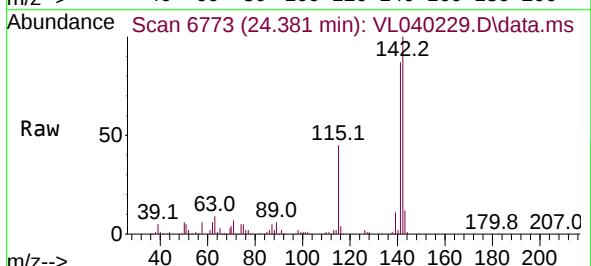
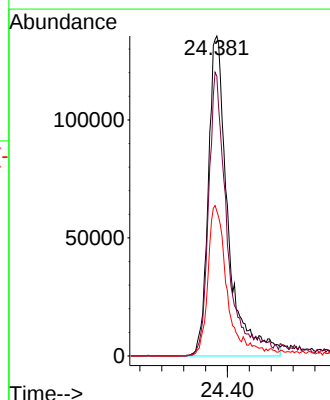
Tgt Ion:142 Resp: 339272

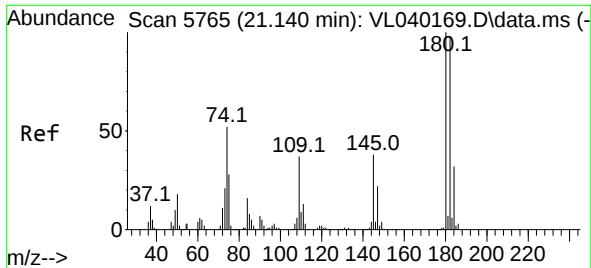
Ion Ratio Lower Upper

142 100

141 88.1 67.3 100.9

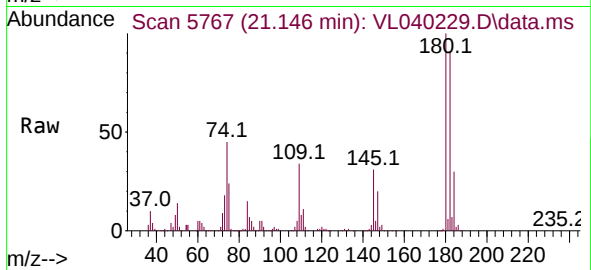
115 45.7 36.5 54.7





#81
1,2,4-Trichlorobenzene
Concen: 8.829 ppbv
RT: 21.146 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL040229.D
Acq: 27 Feb 2023 10:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 86311
Ion Ratio Lower Upper
180 100
182 96.5 79.0 118.6
184 30.9 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

