

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040530.D
 Acq On : 14 Jul 2023 16:39
 Operator : SY/MD
 Sample : VL0714ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0714ABS01

Quant Time: Jul 16 23:30:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 18 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

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

Internal Standards						
1) Bromochloromethane	5.198	49	1007943	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2507355	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2578860	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2013530	9.865	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.735	85	1997103	9.906	ppbv	99
3) Chlorodifluoromethane	2.681	51	1551591	9.712	ppbv	97
4) Chloromethane	2.819	50	609316	9.627	ppbv	98
5) Vinyl Chloride	2.925	62	658736	9.912	ppbv	99
6) Bromomethane	3.124	94	276470	9.856	ppbv	97
7) Chloroethane	3.202	64	239285	10.262	ppbv	96
8) Dichlorotetrafluoroethane	2.864	85	1688089	10.177	ppbv	98
9) Propene	2.703	41	467675	8.551	ppbv	97
10) Heptane	7.584	43	1220935	10.109	ppbv	99
11) Trichlorofluoromethane	3.568	101	1705607	10.484	ppbv	96
12) 1,1,2-Trichlorotrifluoro...	4.070	101	1178880	10.289	ppbv	96
13) Ethanol	3.243	45	100084m	8.410	ppbv	
14) Bromoethene	3.372	108	509183	10.336	ppbv	100
15) Acetone	3.472	43	1136047	9.792	ppbv	99
16) 1,3-Butadiene	2.989	39	590624	10.090	ppbv	99
17) tert-Butyl alcohol	3.880	59	1192899	9.941	ppbv	99
18) 1,1-Dichloroethene	3.886	96	551327	10.467	ppbv	96
19) Isopropyl Alcohol	3.578	45	650739	9.770	ppbv #	98
20) Methylene Chloride	3.938	84	448249	9.083	ppbv	96
21) Allyl Chloride	4.002	41	646526	9.758	ppbv	96
22) trans-1,2-Dichloroethene	4.449	96	554256	10.665	ppbv	98
23) Vinyl Acetate	4.629	43	1215383	10.996	ppbv	99
24) 1,1-Dichloroethane	4.565	63	1128489	10.058	ppbv	99
25) Ethyl Acetate	5.208	43	2168709	9.818	ppbv	99
26) Hexane	5.214	57	963586	9.390	ppbv	96
27) Carbon Disulfide	4.128	76	1348042	11.168	ppbv	99
28) Methyl tert-Butyl Ether	4.591	73	807644	9.777	ppbv	100
29) Chloroform	5.279	83	1709489	10.044	ppbv	99
30) Cyclohexane	6.607	84	809378	9.479	ppbv	97
31) cis-1,2-Dichloroethene	5.083	61	1013634	9.993	ppbv	96
32) 1,1,1-Trichloroethane	6.009	97	1729044	10.382	ppbv	99
34) 2-Butanone	4.790	43	1322592	10.675	ppbv	99
35) Carbon Tetrachloride	6.497	117	1772583	11.747	ppbv	96
36) Benzene	6.375	78	2025987	10.042	ppbv	99
37) 1,2-Dichloroethane	5.812	62	1317767	11.103	ppbv	96
38) Trichloroethene	7.298	130	819406	10.738	ppbv	96
39) 1,2-Dichloropropane	7.079	63	785123	10.109	ppbv	94
40) 1,4-Dioxane	7.295	88	240409m	9.897	ppbv	
41) Tetrahydrofuran	5.562	42	743188	10.279	ppbv	98
42) Bromodichloromethane	7.256	83	1844671	11.175	ppbv	99
43) Methyl Methacrylate	7.478	69	840913	11.136	ppbv	95
44) 2,2,4-Trimethylpentane	7.330	57	3322029	10.234	ppbv	97
45) t-1,3-Dichloropropene	8.713	75	602863	12.445	ppbv	94

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Instrument :
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 VL0714ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

Quant Time: Jul 16 23:30:47 2023

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

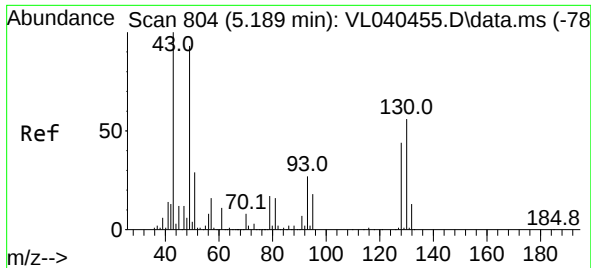
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	719673	11.579	ppbv	92
47) 1,1,2-Trichloroethane	8.902	97	877803	10.244	ppbv	99
48) Dibromochloromethane	9.716	129	1529414	11.544	ppbv	100
49) Bromoform	12.413	173	1264310	12.037	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2019256	11.217	ppbv	96
51) 2-Hexanone	9.555	43	1514254	11.895	ppbv #	97
52) Tetrachloroethene	10.623	164	712810	10.910	ppbv	95
53) Toluene	9.224	91	2353255	10.738	ppbv	99
54) 1,2-Dibromoethane	10.015	107	1200605	11.272	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.513	131	1143474	9.901	ppbv	98
57) Chlorobenzene	11.532	112	1876382	9.330	ppbv	95
58) Ethyl Benzene	12.092	91	3274746	10.119	ppbv	100
59) m/p-Xylene	12.381	91	5813165m	20.125	ppbv	
60) o-Xylene	13.063	91	2818874	10.244	ppbv	100
61) Styrene	12.905	104	1394732	10.988	ppbv	97
62) Isopropylbenzene	14.034	105	4073730	9.877	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.053	83	1994413	10.350	ppbv	100
64) n-propylbenzene	14.925	120	1065636	9.987	ppbv	92
65) tert-Butylbenzene	16.095	119	3676295	10.069	ppbv	96
66) Benzyl Chloride	16.333	91	285203	11.042	ppbv	97
67) sec-Butylbenzene	16.642	105	5353931	9.980	ppbv	98
69) p-Isopropyltoluene	16.998	119	4452520	10.043	ppbv	98
70) n-Butylbenzene	17.889	91	5073261	10.262	ppbv	98
71) 2-Chlorotoluene	14.806	91	3263905	10.269	ppbv	98
72) 4-Ethyltoluene	15.198	105	3388822	10.506	ppbv	98
73) 1,3,5-Trimethylbenzene	15.355	105	2939489	10.339	ppbv	98
74) 1,2,4-Trimethylbenzene	16.114	105	3356988	10.127	ppbv	94
75) 1,3-Dichlorobenzene	16.336	146	1954276	9.724	ppbv	99
76) 1,4-Dichlorobenzene	16.478	146	1916634	9.725	ppbv	98
77) 1,2-Dichlorobenzene	17.146	146	1893034	9.850	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	1624772	9.002	ppbv	100
79) Naphthalene	21.387	128	3410779	12.161	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	1366051	11.812	ppbv	96
81) 1,2,4-Trichlorobenzene	21.143	180	2001125	10.353	ppbv	99

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



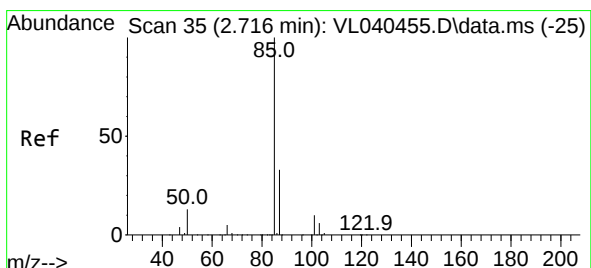
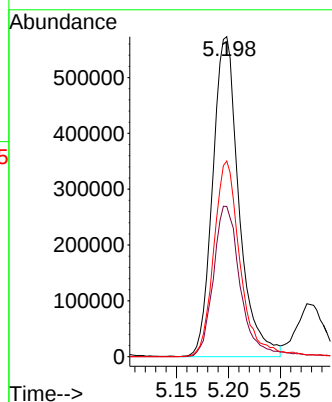
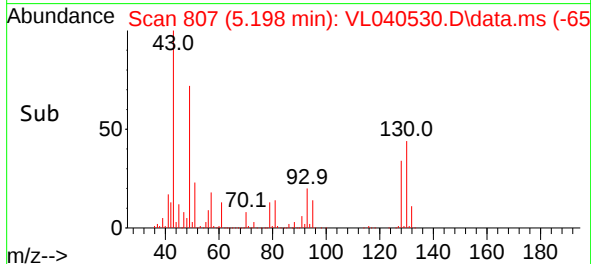
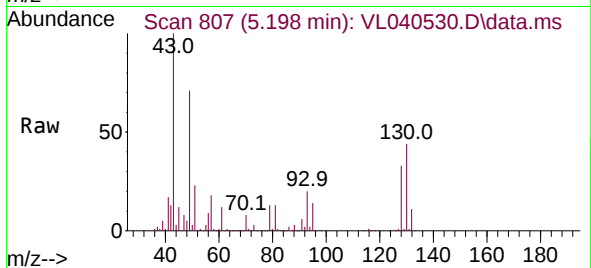
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 804
Delta R.T. -0.004 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01

Tgt Ion: 49 Resp: 100794
Ion Ratio Lower Upper
49 100
128 48.9 25.1 75.4
130 62.4 31.6 94.7

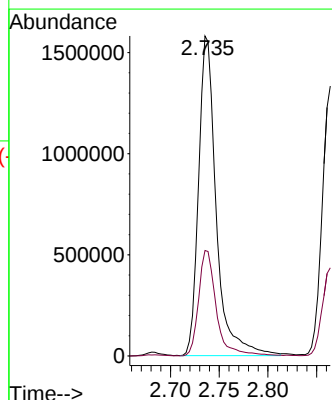
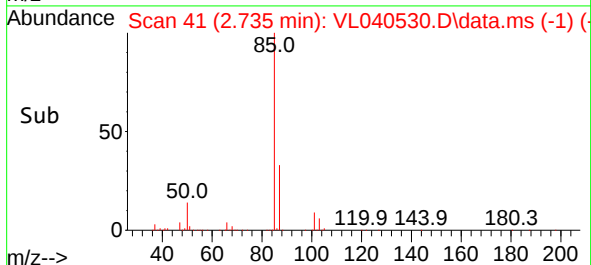
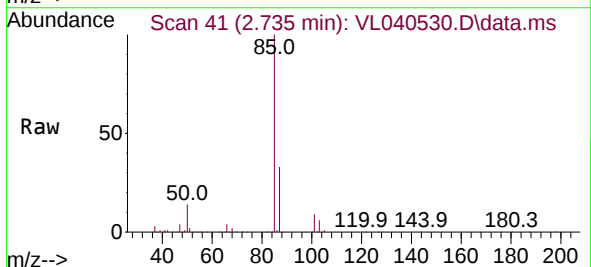
Manual Integrations
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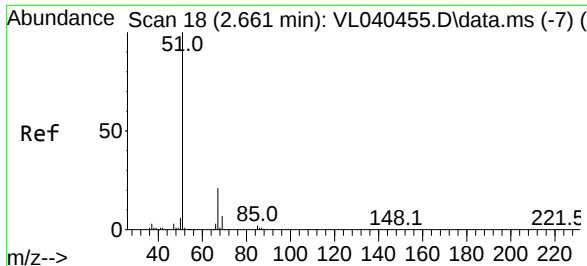
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 9.906 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

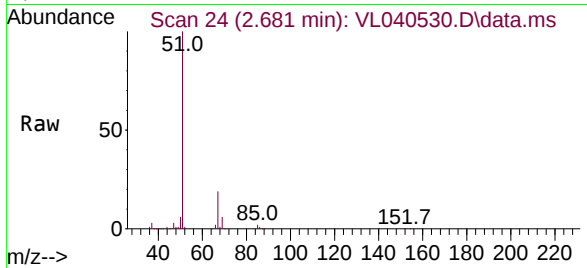
Tgt Ion: 85 Resp: 1997103
Ion Ratio Lower Upper
85 100
87 32.9 26.8 40.2





#3
Chlorodifluoromethane
Concen: 9.712 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

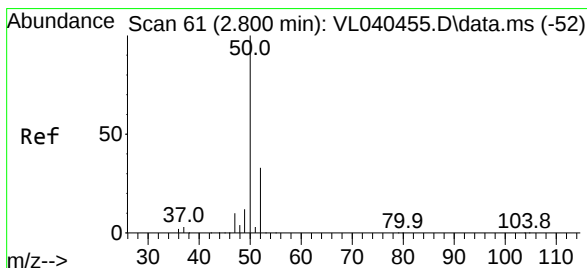
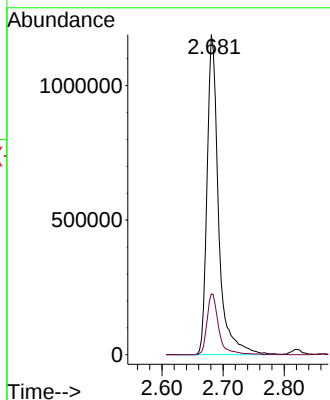
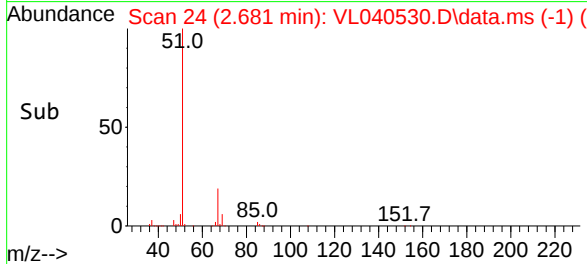
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



Tgt Ion: 51 Resp: 155159
Ion Ratio Lower Upper
51 100
67 19.5 14.6 21.8

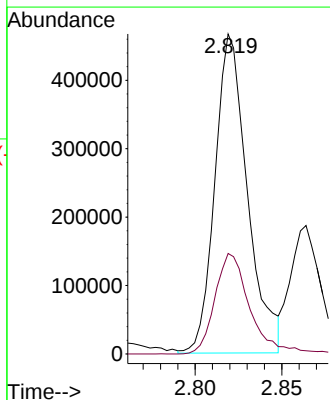
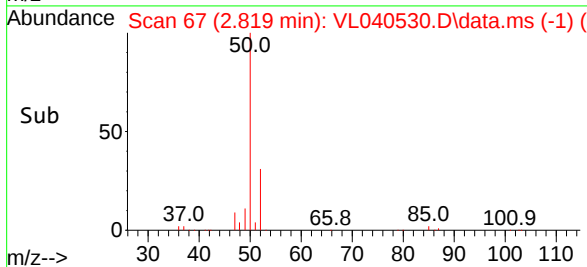
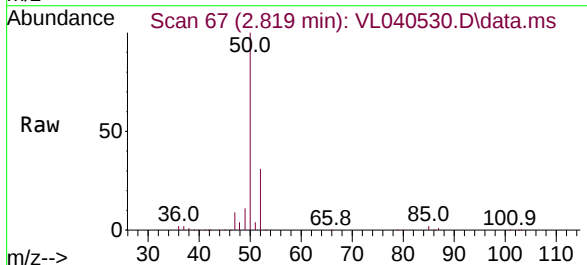
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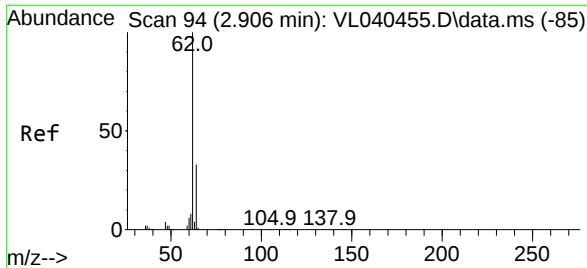
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#4
Chloromethane
Concen: 9.627 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Tgt Ion: 50 Resp: 609316
Ion Ratio Lower Upper
50 100
52 31.7 24.4 36.6





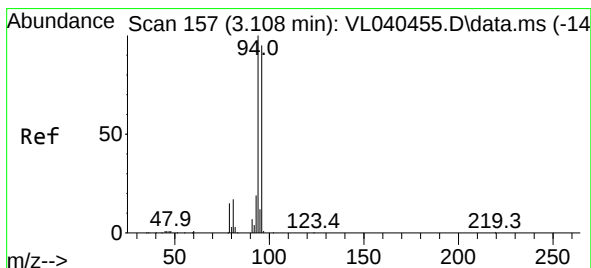
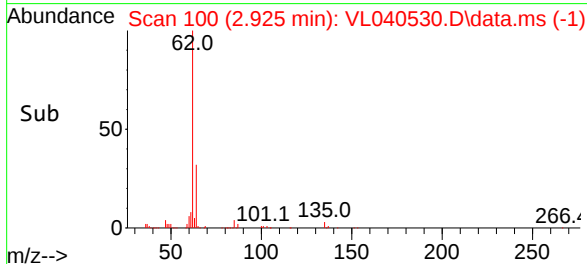
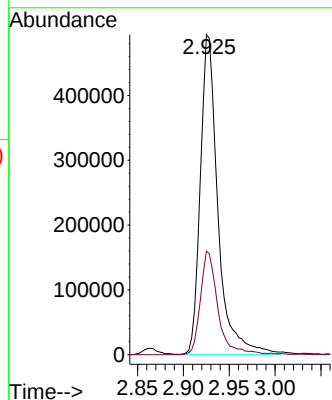
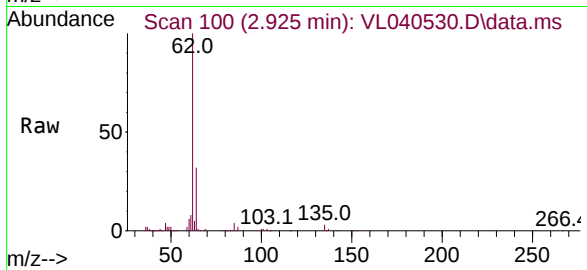
#5
 Vinyl Chloride
 Concen: 9.912 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. -0.003 min
 Lab File: VL040530.D
 Acq: 14 Jul 2023 16:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0714ABS01

Tgt Ion: 62 Resp: 658730
 Ion Ratio Lower Upper
 62 100
 64 32.4 26.4 39.6

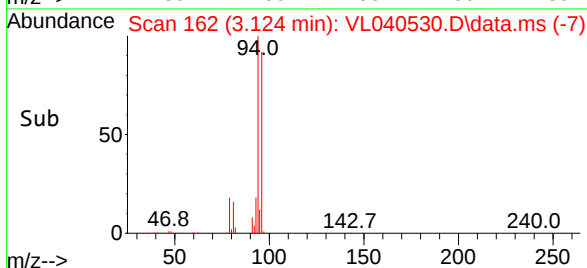
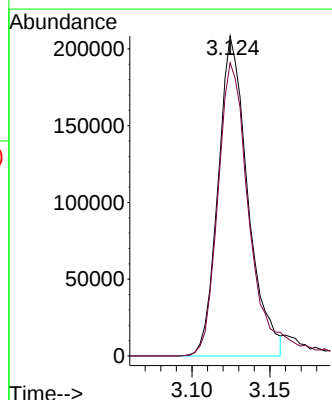
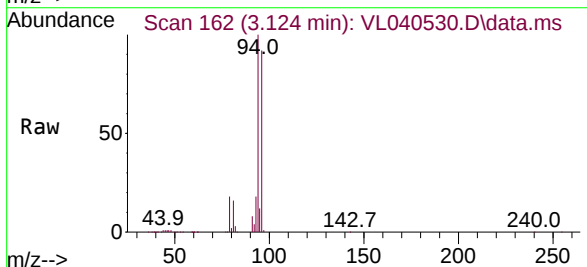
Manual Integrations
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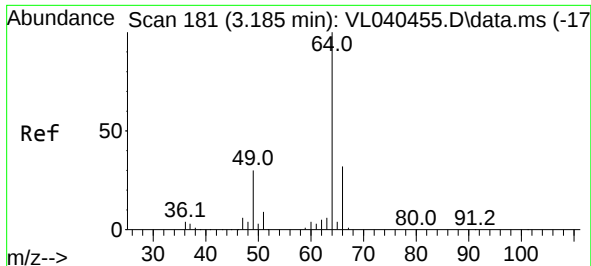
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#6
 Bromomethane
 Concen: 9.856 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VL040530.D
 Acq: 14 Jul 2023 16:39

Tgt Ion: 94 Resp: 276470
 Ion Ratio Lower Upper
 94 100
 96 91.6 75.7 113.5





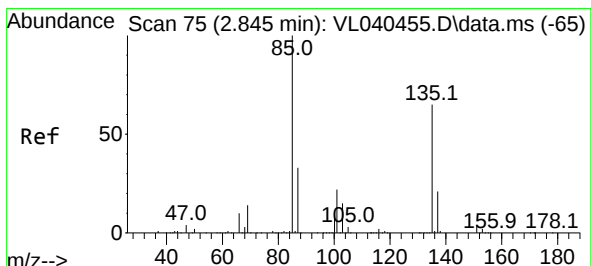
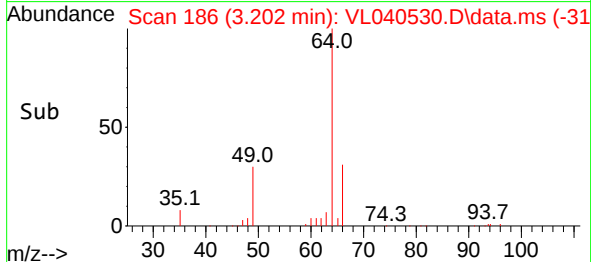
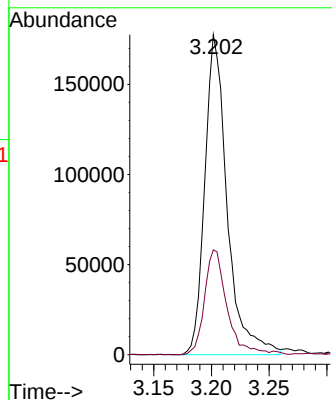
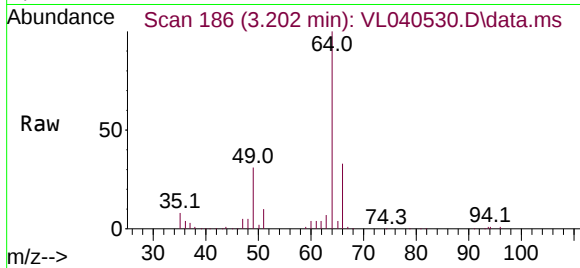
#7
Chloroethane
Concen: 10.262 ppbv
RT: 3.202 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01

Tgt Ion: 64 Resp: 23928
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6

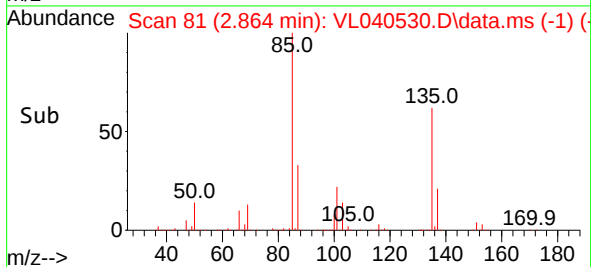
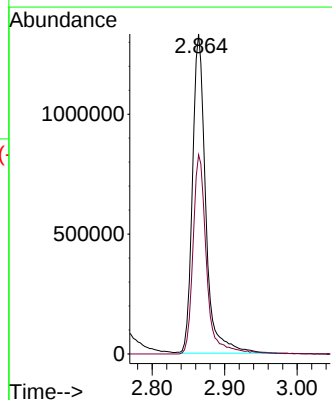
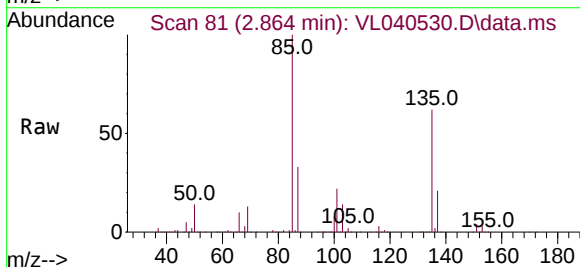
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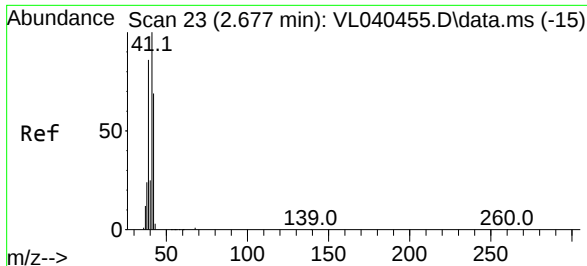
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#8
Dichlorotetrafluoroethane
Concen: 10.177 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Tgt Ion: 85 Resp: 1688089
Ion Ratio Lower Upper
85 100
135 64.1 52.4 78.6





#9

Propene

Concen: 8.551 ppbv

RT: 2.703 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01

Tgt Ion: 41 Resp: 467679

Ion Ratio Lower Upper

41 100

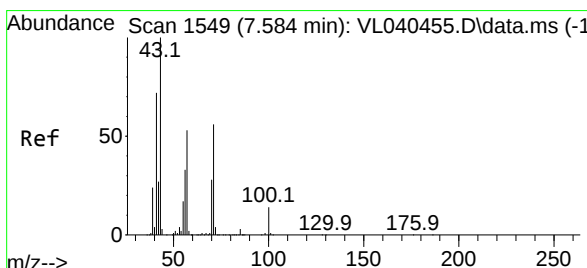
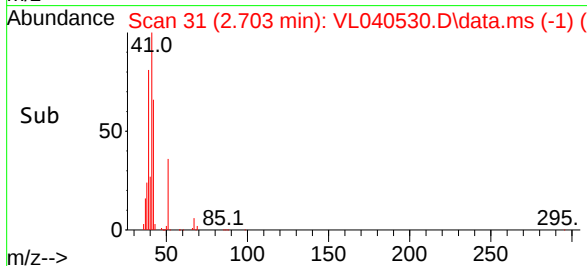
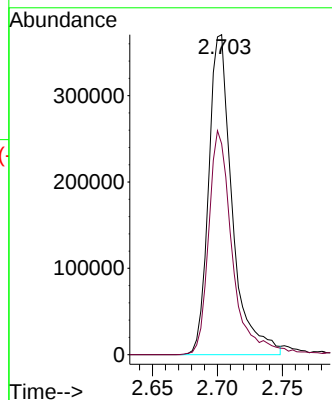
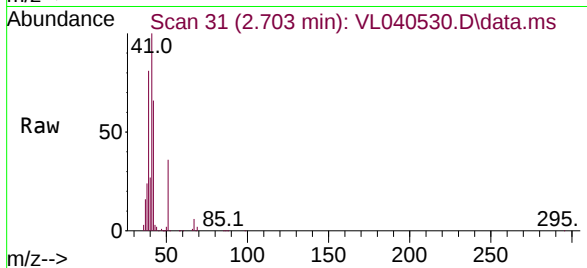
42 71.6 55.0 82.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#10

Heptane

Concen: 10.109 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. -0.006 min

Lab File: VL040530.D

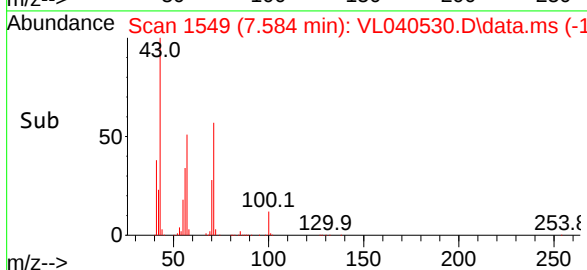
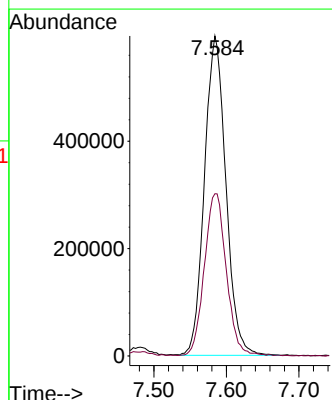
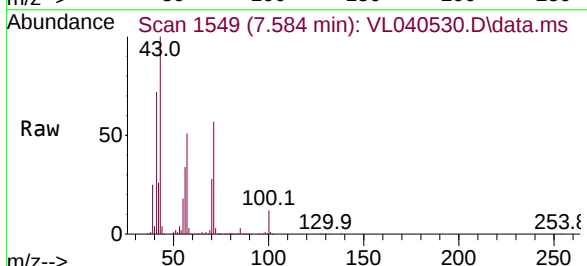
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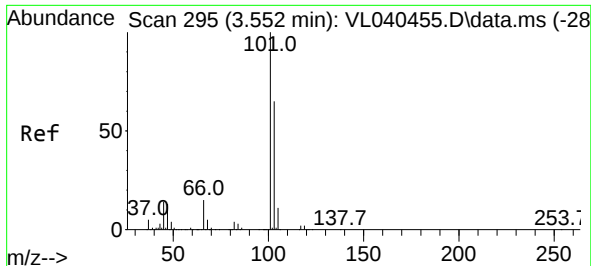
Tgt Ion: 43 Resp: 1220935

Ion Ratio Lower Upper

43 100

57 52.5 42.5 63.7





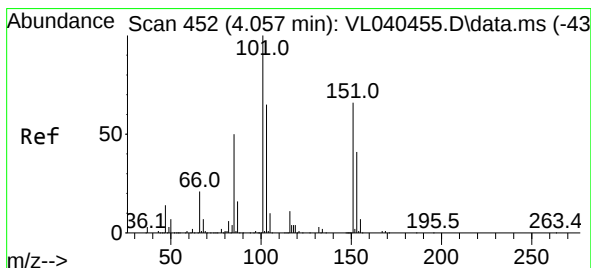
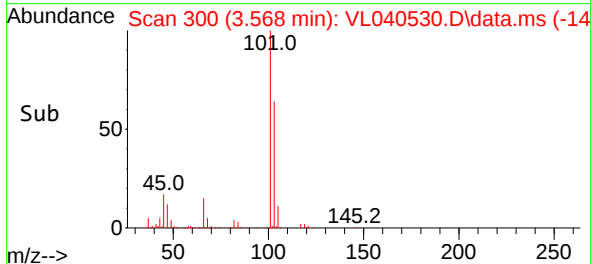
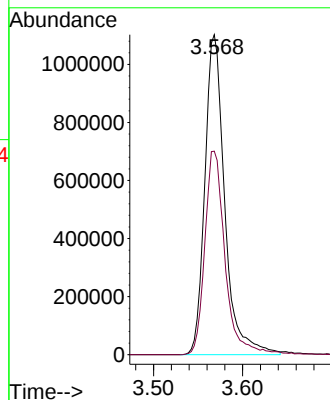
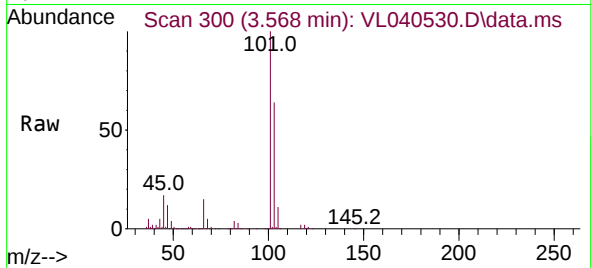
#11
Trichlorofluoromethane
Concen: 10.484 ppbv
RT: 3.568 min Scan# 300
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01

Tgt Ion:101 Resp: 170560
Ion Ratio Lower Upper
101 100
103 63.6 53.4 80.0

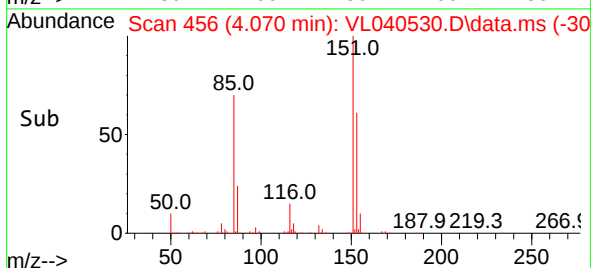
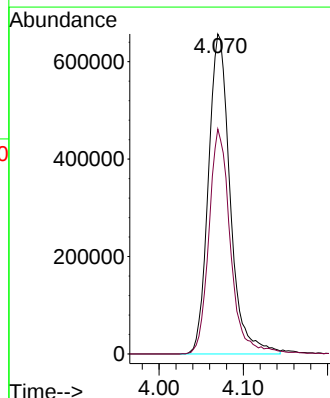
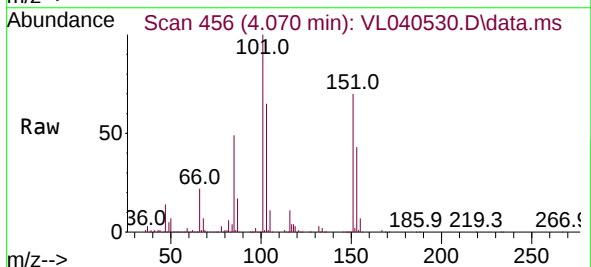
Manual Integrations
APPROVED

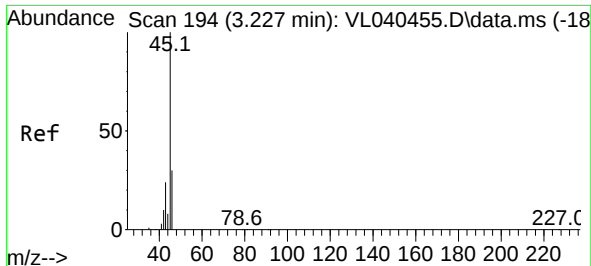
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.289 ppbv
RT: 4.070 min Scan# 456
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

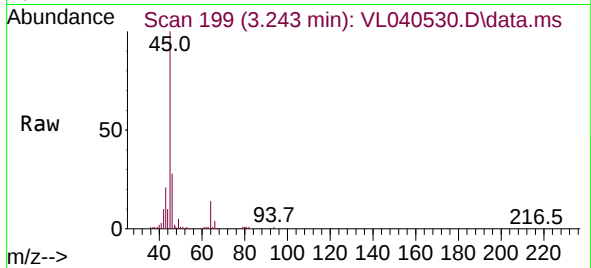
Tgt Ion:101 Resp: 1178880
Ion Ratio Lower Upper
101 100
151 69.8 58.2 87.4





#13
Ethanol
Concen: 8.410 ppbv m
RT: 3.243 min Scan# 194
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

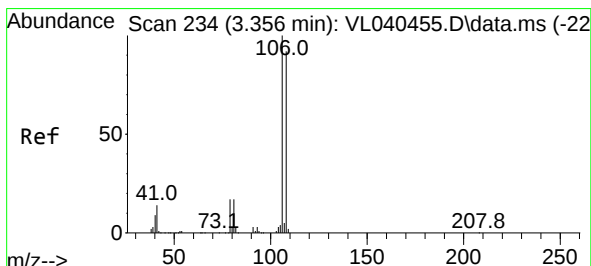
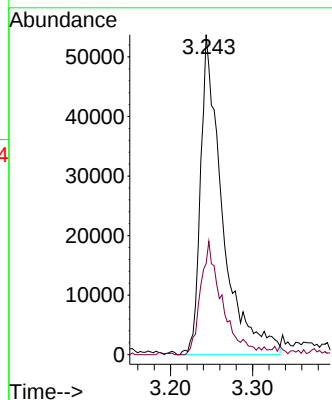
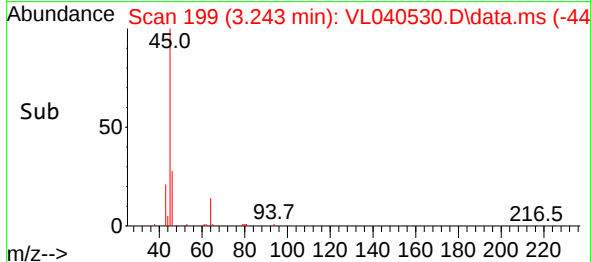
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



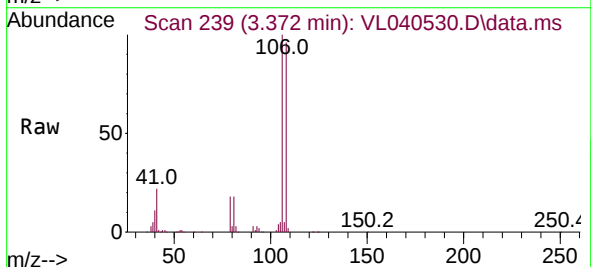
Tgt Ion: 45 Resp: 100084
Ion Ratio Lower Upper
45 100
46 34.1 15.3 61.1

Manual Integrations
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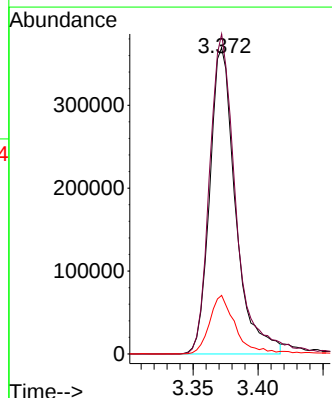
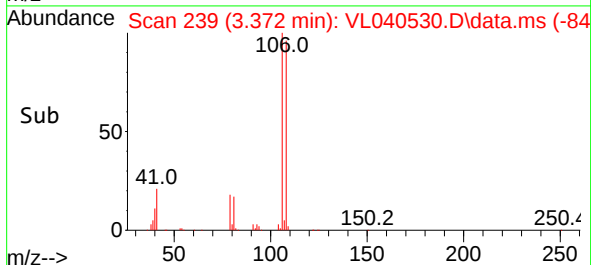
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

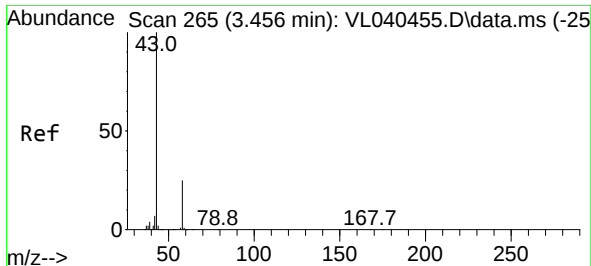


#14
Bromoethene
Concen: 10.336 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39



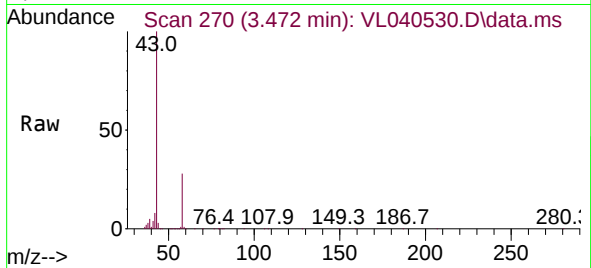
Tgt Ion:108 Resp: 509183
Ion Ratio Lower Upper
108 100
106 109.1 87.2 130.8
79 19.9 15.3 22.9





#15
Acetone
Concen: 9.792 ppbv
RT: 3.472 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

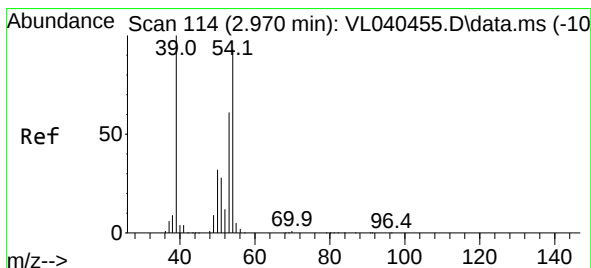
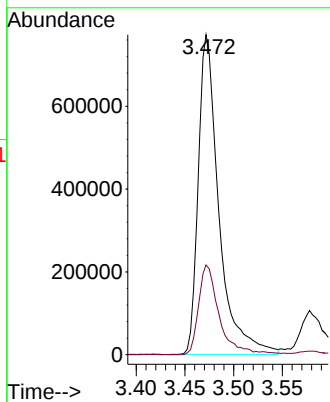
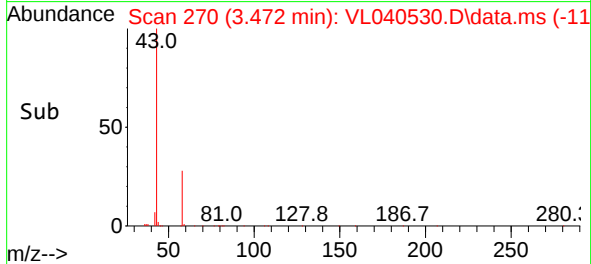
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



Tgt Ion: 43 Resp: 113604
Ion Ratio Lower Upper
43 100
58 28.3 22.9 34.3

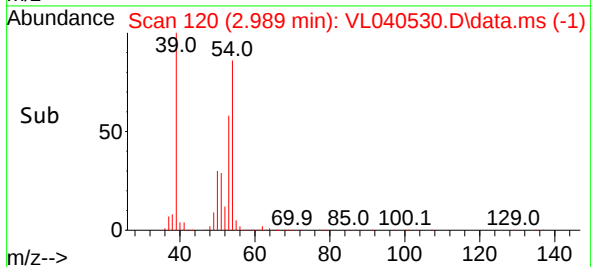
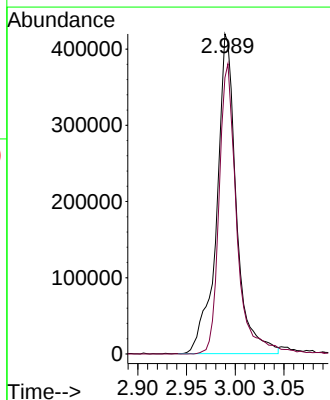
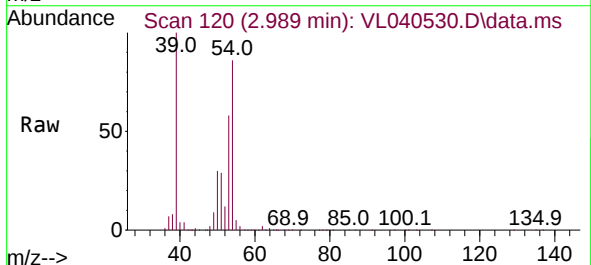
Manual Integrations
APPROVED

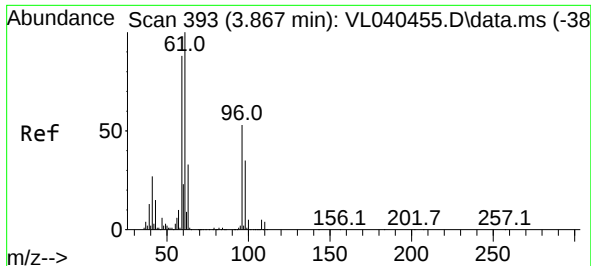
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#16
1,3-Butadiene
Concen: 10.090 ppbv
RT: 2.989 min Scan# 120
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

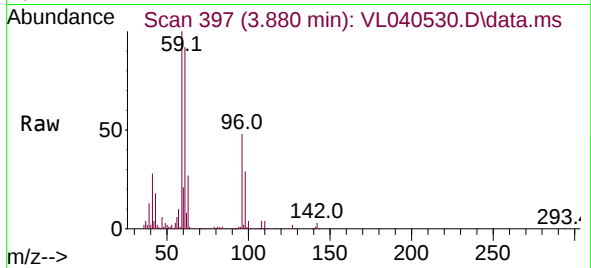
Tgt Ion: 39 Resp: 590624
Ion Ratio Lower Upper
39 100
54 82.5 66.6 100.0





#17
tert-Butyl alcohol
Concen: 9.941 ppbv
RT: 3.880 min Scan# 397
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

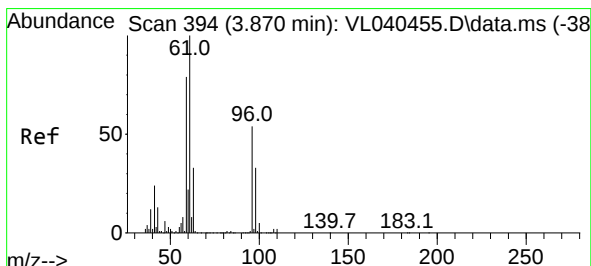
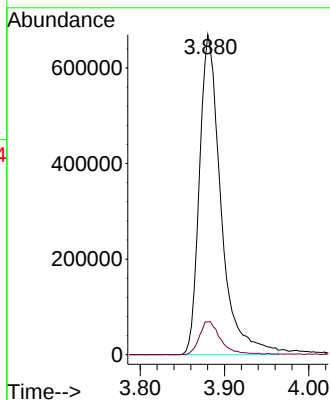
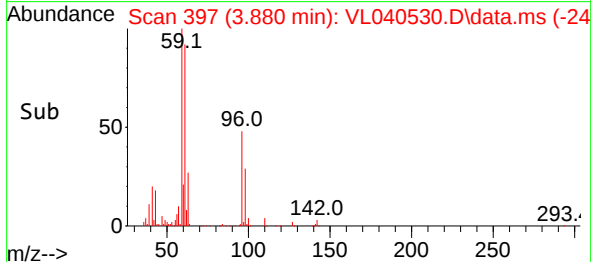
Instrument : MSVOA_L
ClientSampleId : VL0714ABS01



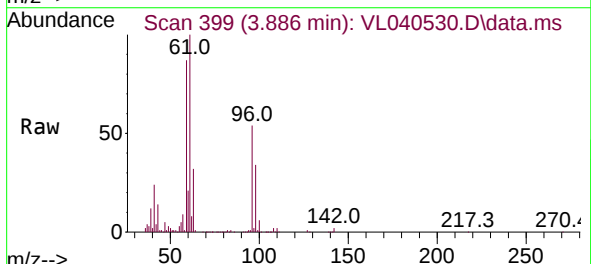
Tgt Ion: 59 Resp: 119289
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
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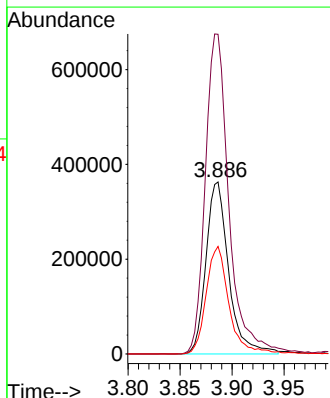
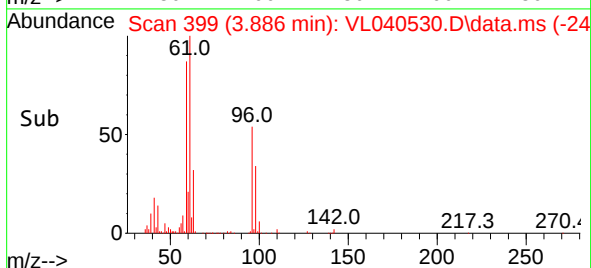
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

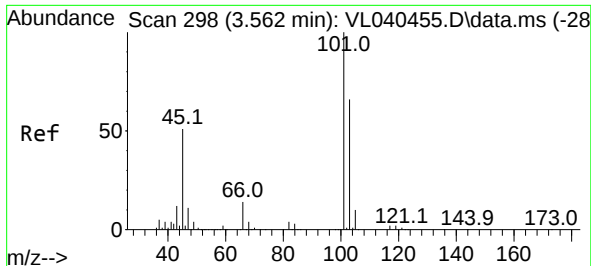


#18
1,1-Dichloroethene
Concen: 10.467 ppbv
RT: 3.886 min Scan# 399
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39



Tgt Ion: 96 Resp: 551327
Ion Ratio Lower Upper
96 100
61 185.6 154.4 231.6
98 62.5 50.0 75.0





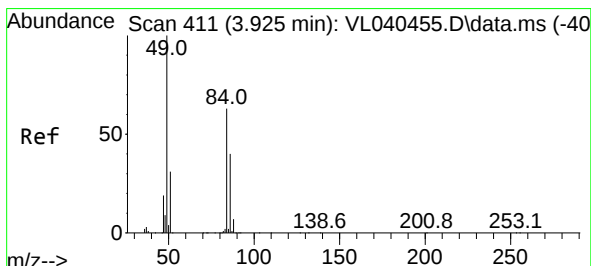
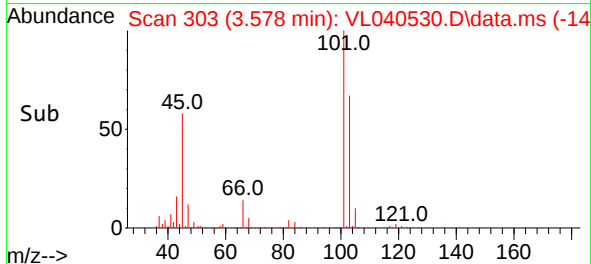
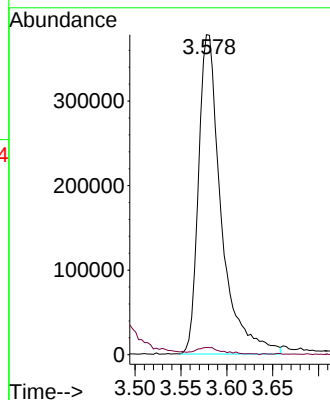
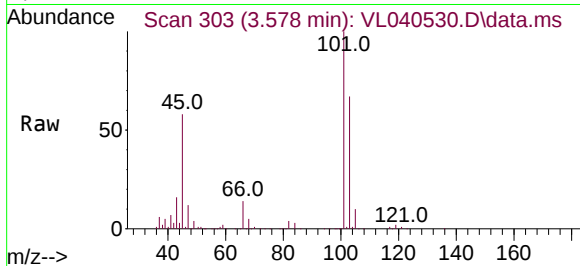
#19
Isopropyl Alcohol
Concen: 9.770 ppbv
RT: 3.578 min Scan# 303
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Instrument : MSVOA_L
ClientSampleId : VL0714ABS01

Tgt Ion: 45 Resp: 650739
Ion Ratio Lower Upper
45 100
58 2.2 1.1 1.7

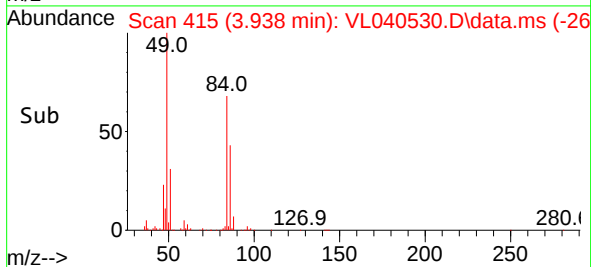
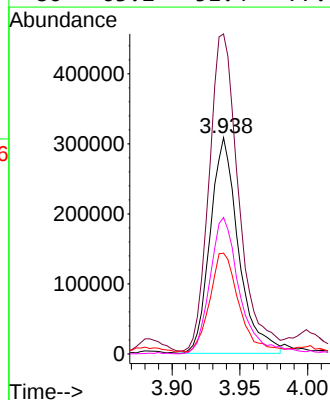
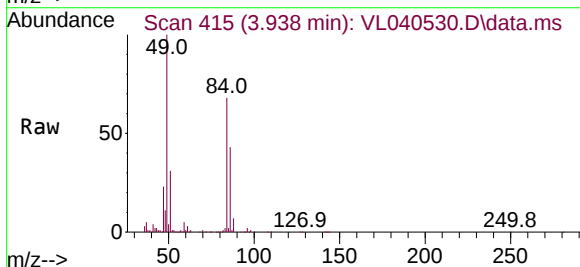
Manual Integrations
APPROVED

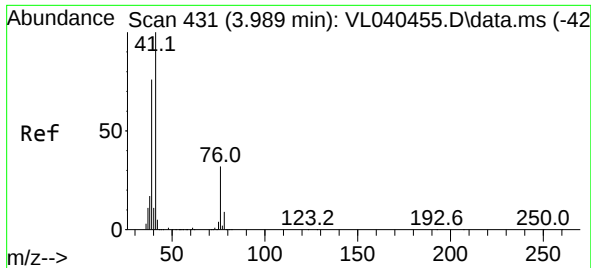
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 9.083 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Tgt Ion: 84 Resp: 448249
Ion Ratio Lower Upper
84 100
49 147.2 123.4 185.2
51 45.3 38.3 57.5
86 63.2 51.4 77.0





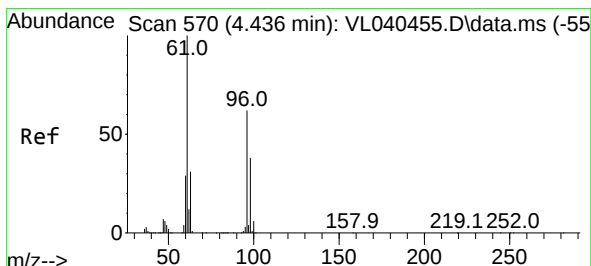
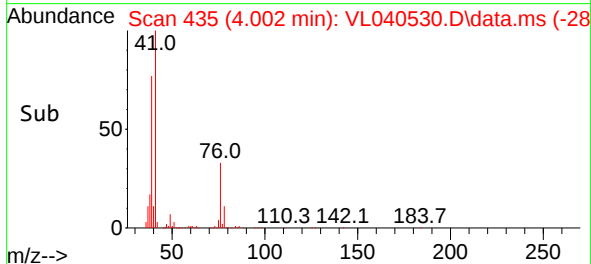
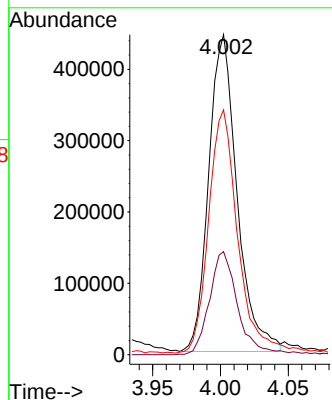
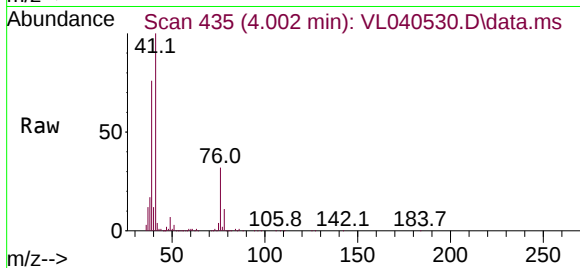
#21
 Allyl Chloride
 Concen: 9.758 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040530.D
 Acq: 14 Jul 2023 16:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0714ABS01

Tgt Ion: 41 Resp: 646520
 Ion Ratio Lower Upper
 41 100
 76 32.9 24.8 37.2
 39 80.0 60.6 91.0

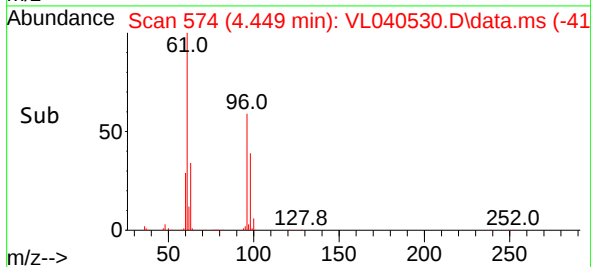
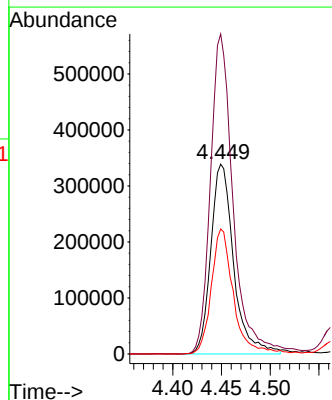
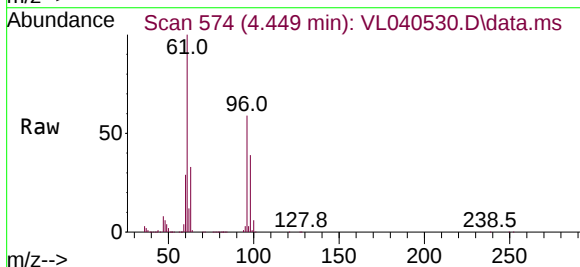
Manual Integrations
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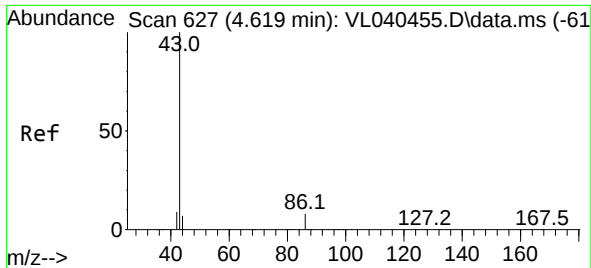
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.665 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. -0.003 min
 Lab File: VL040530.D
 Acq: 14 Jul 2023 16:39

Tgt Ion: 96 Resp: 554256
 Ion Ratio Lower Upper
 96 100
 61 168.6 137.7 206.5
 98 65.8 52.9 79.3





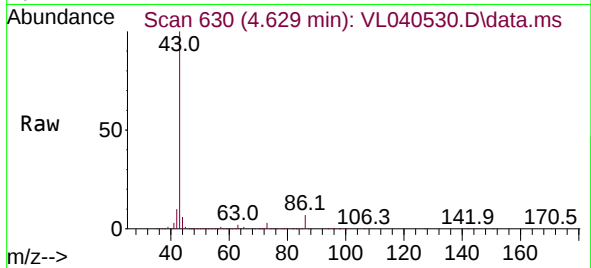
#23
 Vinyl Acetate
 Concen: 10.996 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. -0.006 min
 Lab File: VL040530.D
 Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01



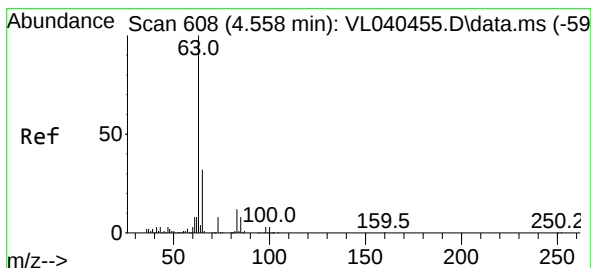
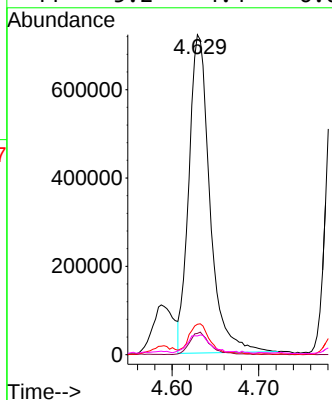
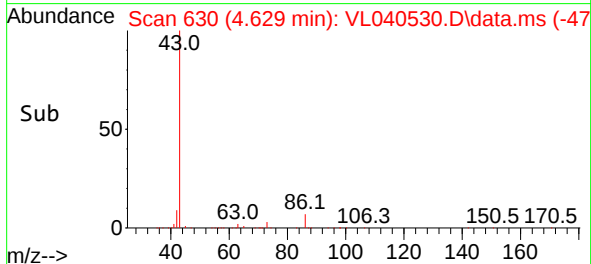
Tgt Ion: 43 Resp: 121538

Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.6	8.4
42	9.4	7.4	11.2
44	5.2	4.4	6.6

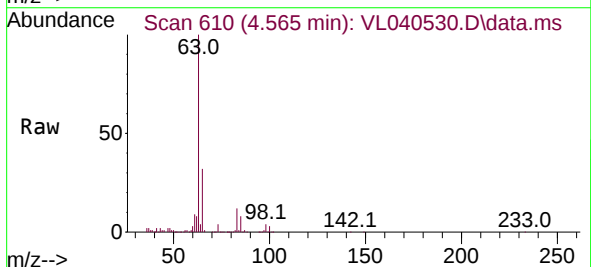
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

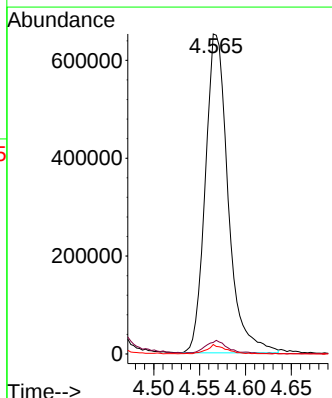
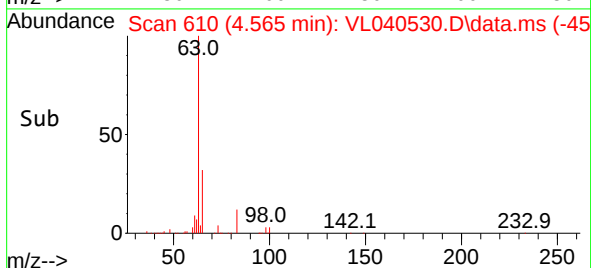


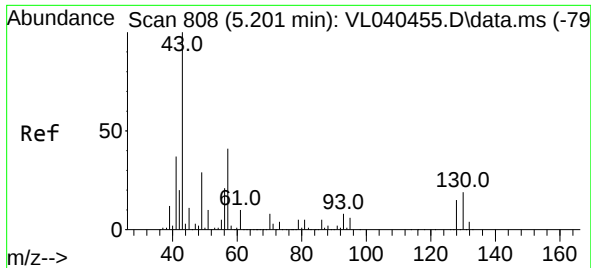
#24
 1,1-Dichloroethane
 Concen: 10.058 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.006 min
 Lab File: VL040530.D
 Acq: 14 Jul 2023 16:39



Tgt Ion: 63 Resp: 1128489

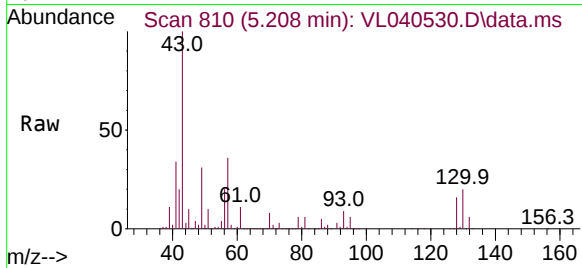
Ion	Ratio	Lower	Upper
63	100		
98	3.5	1.8	5.5
100	2.9	1.4	4.0





#25
Ethyl Acetate
Concen: 9.818 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

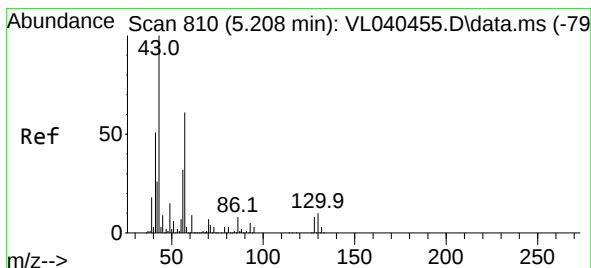
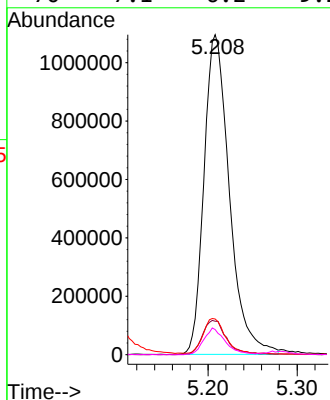
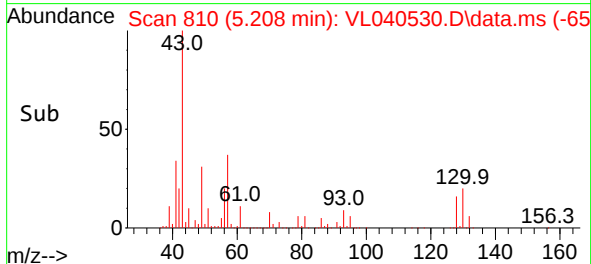
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



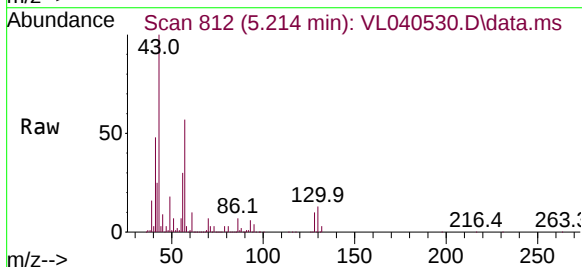
Tgt Ion: 43 Resp: 2168709
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.4
61 10.5 8.3 12.5
70 7.1 6.2 9.2

Manual Integrations
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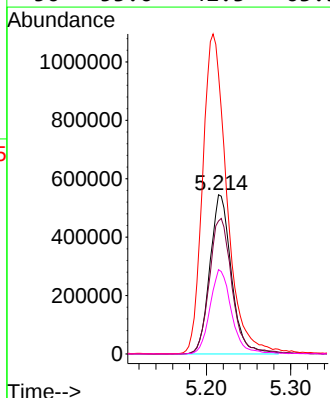
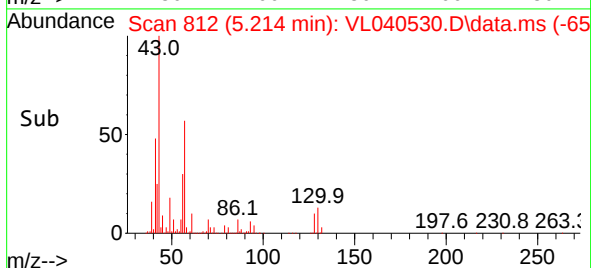
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

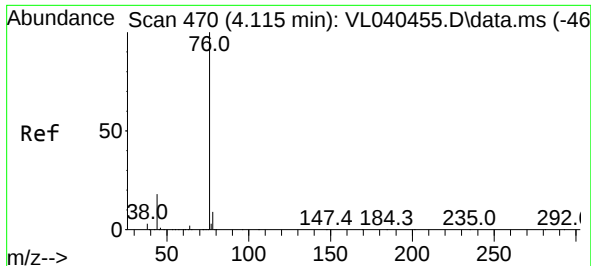


#26
Hexane
Concen: 9.390 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39



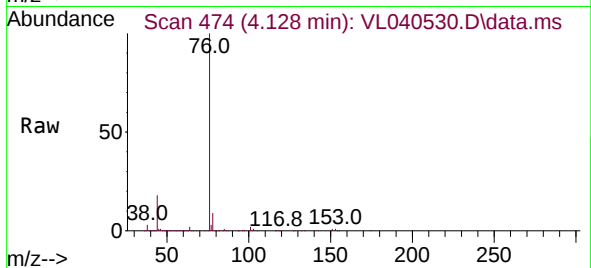
Tgt Ion: 57 Resp: 963586
Ion Ratio Lower Upper
57 100
41 91.1 69.5 104.3
43 228.5 177.1 265.7
56 53.6 42.3 63.5





#27
Carbon Disulfide
Concen: 11.168 ppbv
RT: 4.128 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

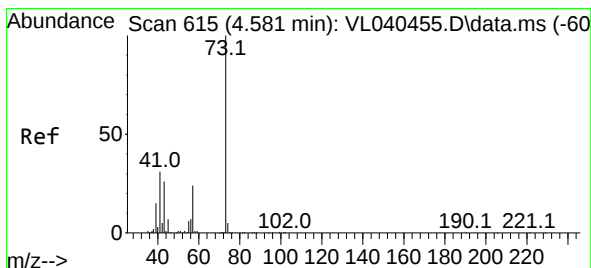
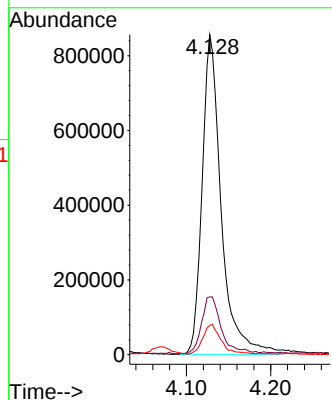
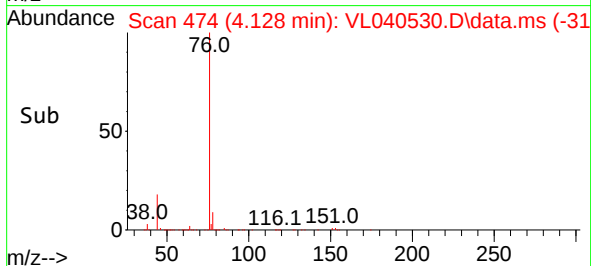
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



Tgt Ion: 76 Resp: 134804
Ion Ratio Lower Upper
76 100
44 18.4 15.1 22.7
78 9.4 7.5 11.3

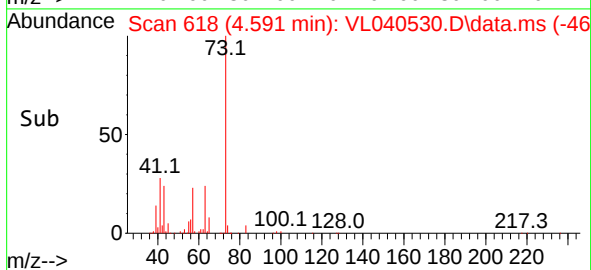
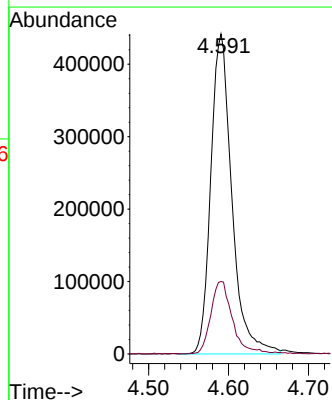
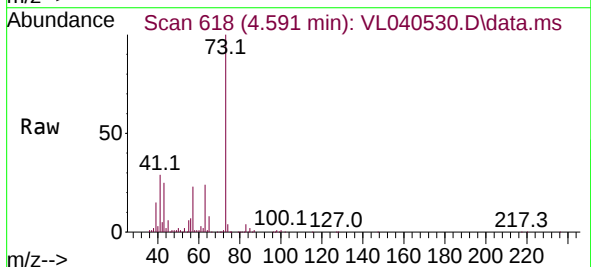
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APPROVED

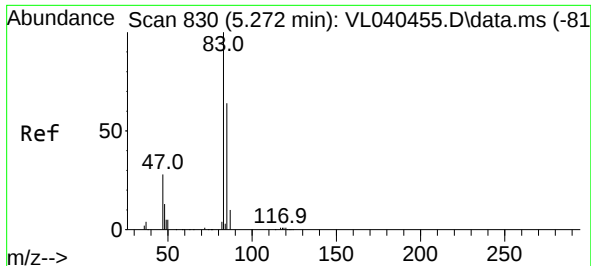
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#28
Methyl tert-Butyl Ether
Concen: 9.777 ppbv
RT: 4.591 min Scan# 618
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Tgt Ion: 73 Resp: 807644
Ion Ratio Lower Upper
73 100
57 23.4 18.8 28.2





#29

Chloroform

Concen: 10.044 ppbv

RT: 5.279 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01

Tgt Ion: 83 Resp: 1709489

Ion Ratio Lower Upper

83 100

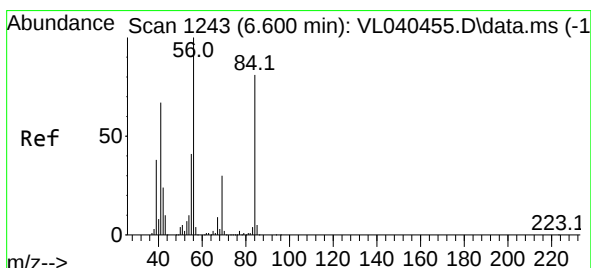
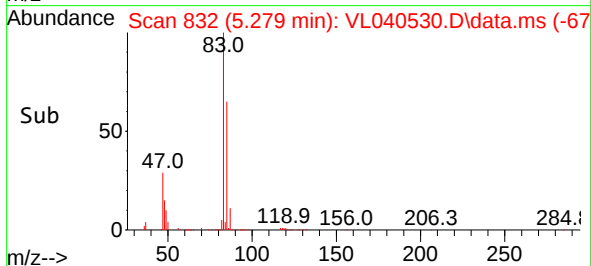
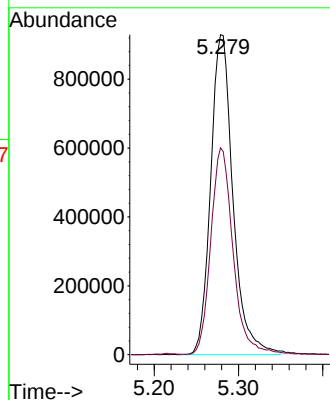
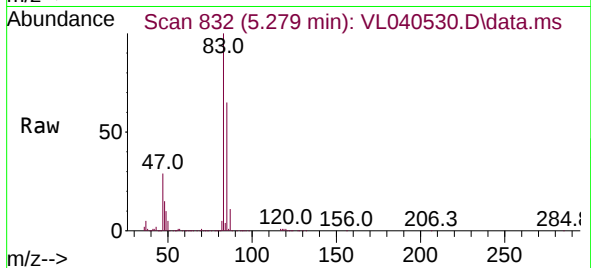
85 64.5 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Cyclohexane

Concen: 9.479 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

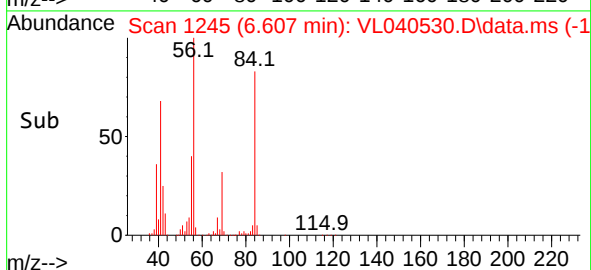
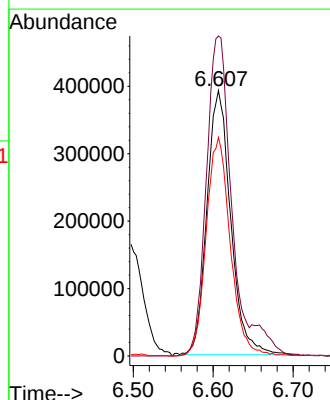
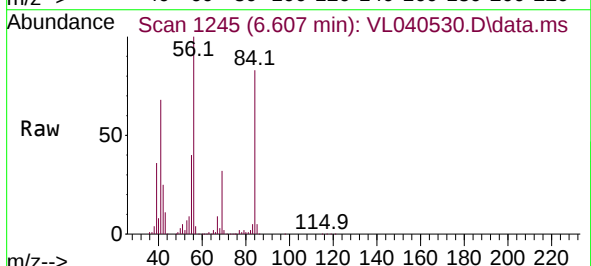
Tgt Ion: 84 Resp: 809378

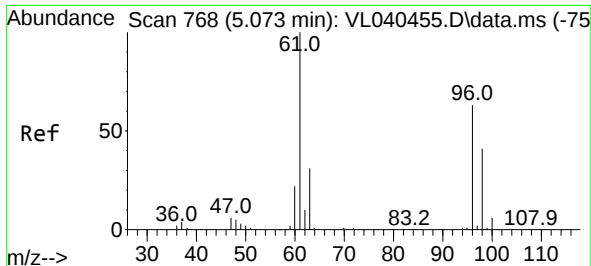
Ion Ratio Lower Upper

84 100

56 132.7 108.7 163.1

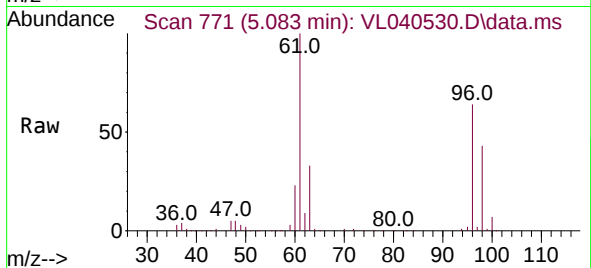
41 83.9 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.993 ppbv
 RT: 5.083 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL040530.D
 Acq: 14 Jul 2023 16:39

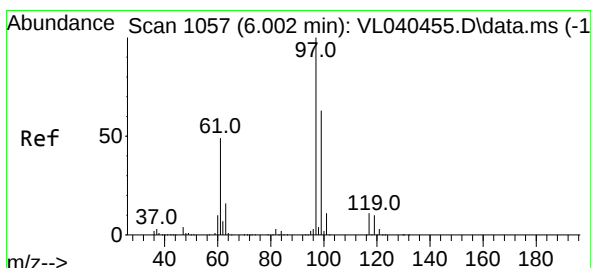
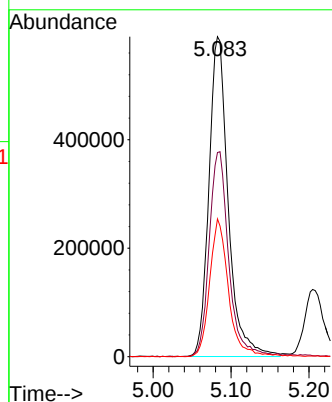
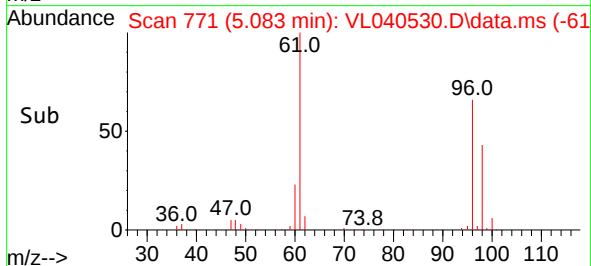
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0714ABS01



Tgt Ion: 61 Resp: 1013634
 Ion Ratio Lower Upper
 61 100
 96 63.8 54.7 82.1
 98 43.0 34.6 52.0

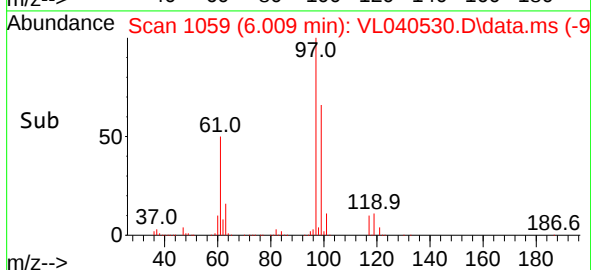
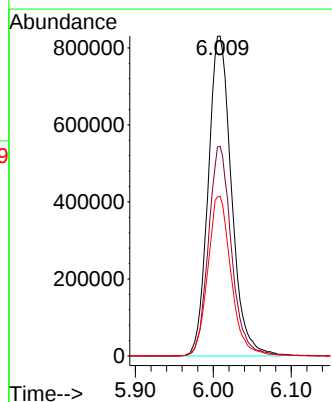
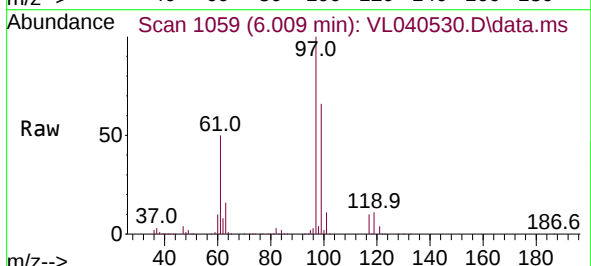
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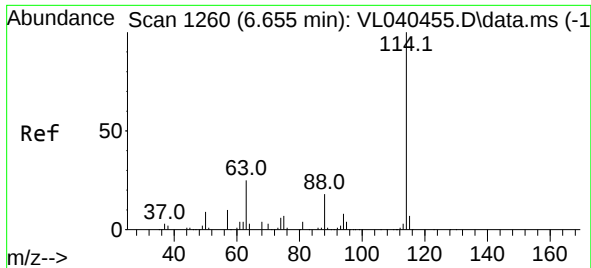
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.382 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. -0.003 min
 Lab File: VL040530.D
 Acq: 14 Jul 2023 16:39

Tgt Ion: 97 Resp: 1729044
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.0 78.0
 61 49.9 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01

Tgt Ion:114 Resp: 250735

Ion Ratio Lower Upper

114 100

63 26.7 19.6 29.4

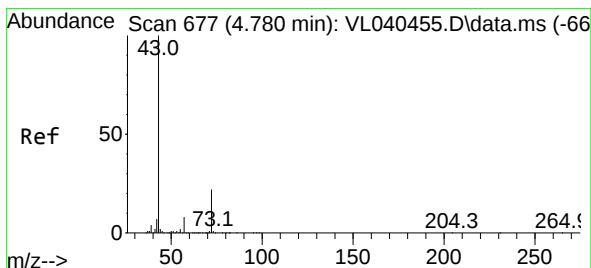
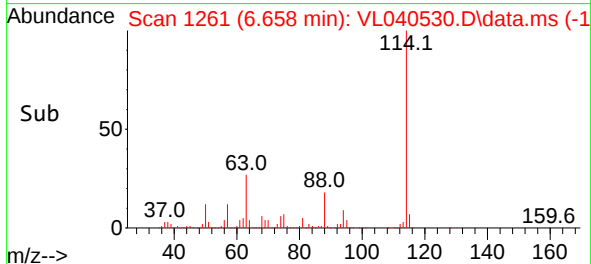
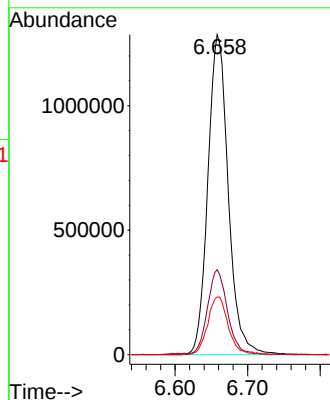
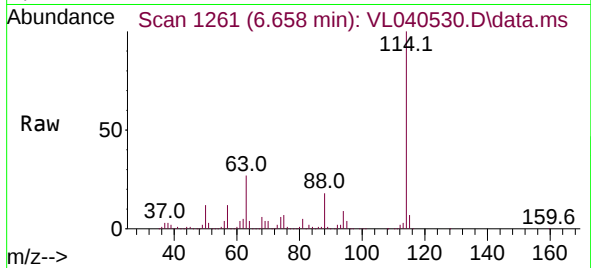
88 18.2 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#34

2-Butanone

Concen: 10.675 ppbv

RT: 4.790 min Scan# 680

Delta R.T. -0.003 min

Lab File: VL040530.D

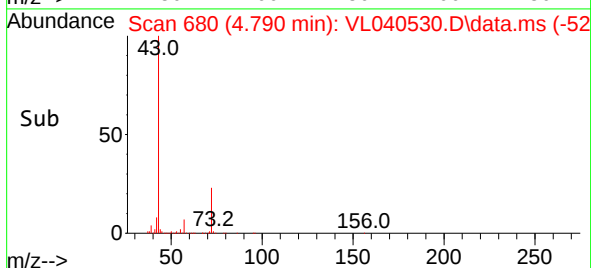
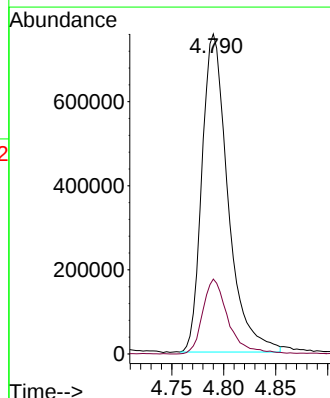
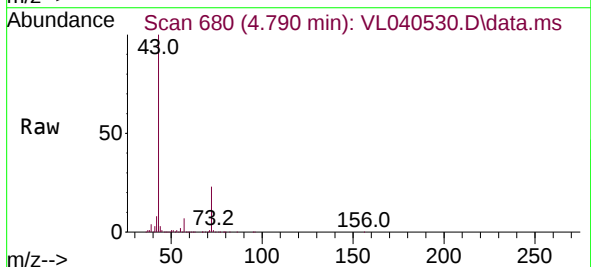
Acq: 14 Jul 2023 16:39

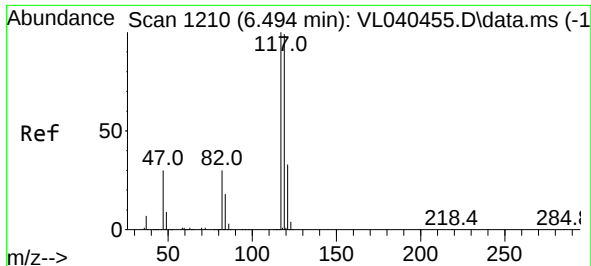
Tgt Ion: 43 Resp: 1322592

Ion Ratio Lower Upper

43 100

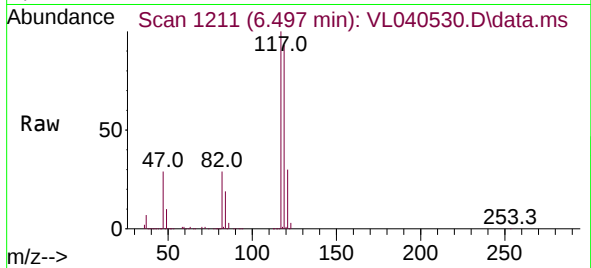
72 23.3 19.1 28.7





#35
Carbon Tetrachloride
Concen: 11.747 ppbv
RT: 6.497 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

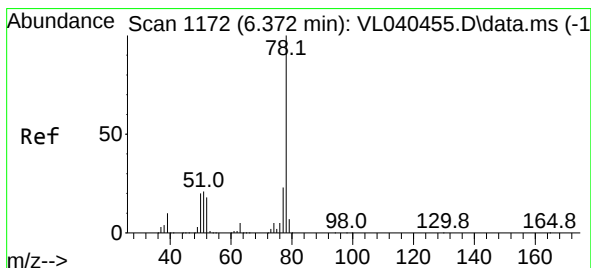
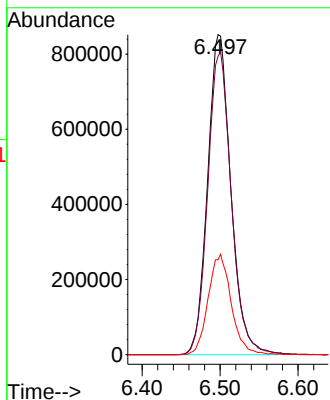
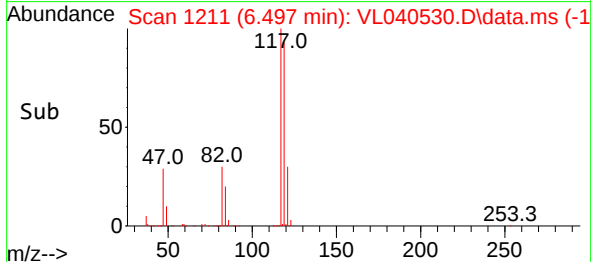
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



Tgt Ion:117 Resp: 177258
Ion Ratio Lower Upper
117 100
119 93.2 77.8 116.6
121 29.7 24.8 37.2

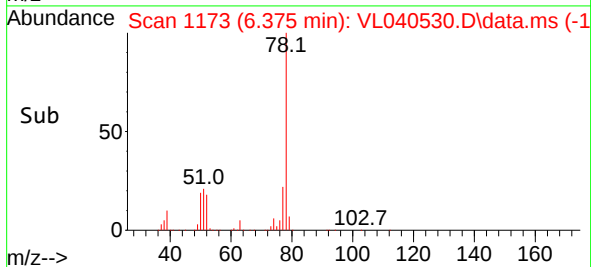
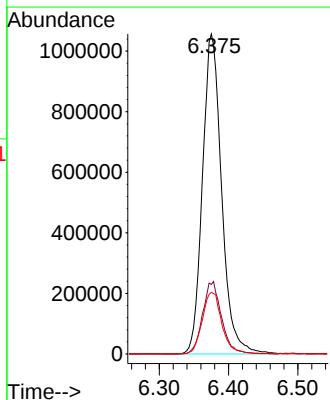
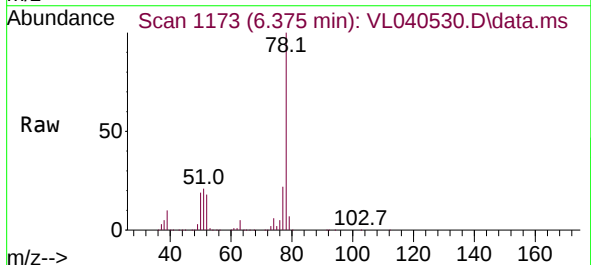
Manual Integrations
APPROVED

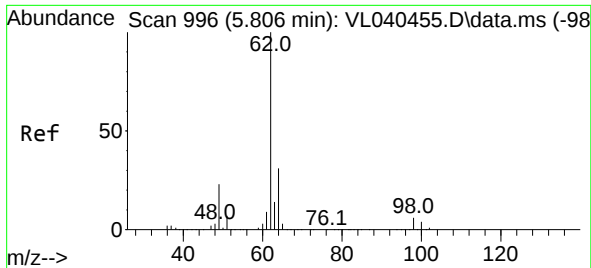
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#36
Benzene
Concen: 10.042 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Tgt Ion: 78 Resp: 2025987
Ion Ratio Lower Upper
78 100
77 21.8 17.4 26.0
50 19.2 14.4 21.6





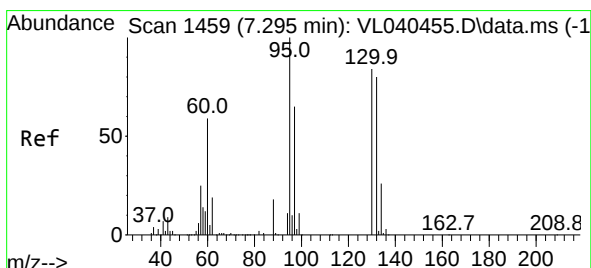
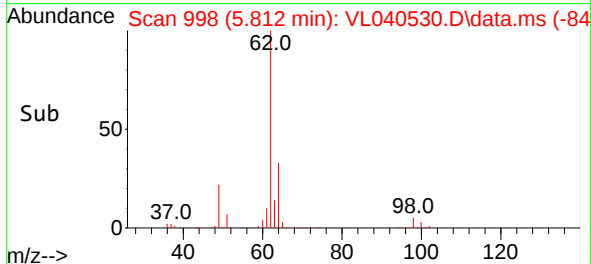
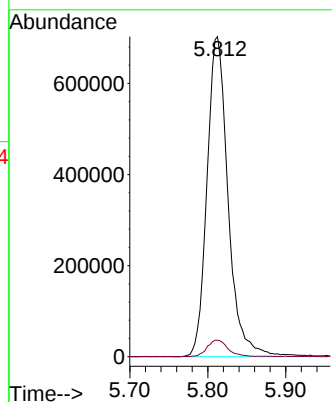
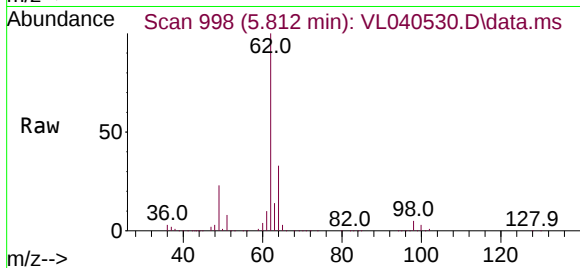
#37
1,2-Dichloroethane
Concen: 11.103 ppbv
RT: 5.812 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01

Tgt Ion: 62 Resp: 131776
Ion Ratio Lower Upper
62 100
98 5.2 5.1 7.7

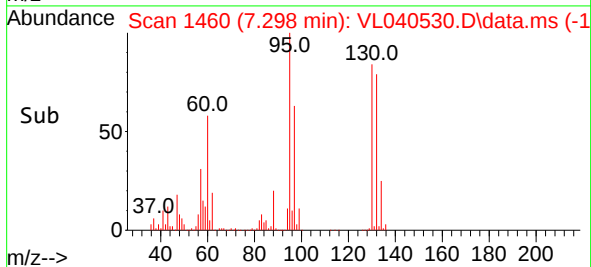
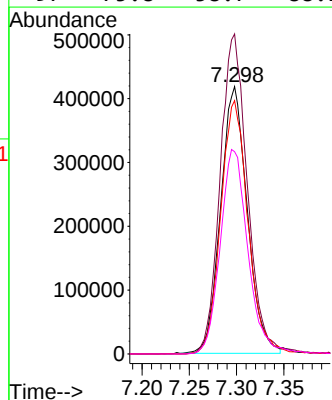
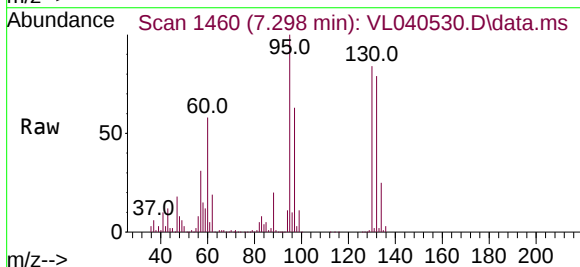
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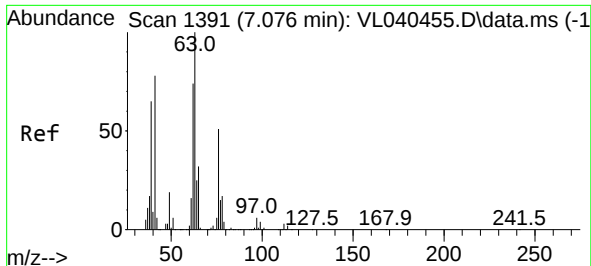
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#38
Trichloroethene
Concen: 10.738 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Tgt Ion:130 Resp: 819406
Ion Ratio Lower Upper
130 100
95 120.0 90.2 135.2
132 94.9 76.3 114.5
97 75.8 58.7 88.1





#39

1,2-Dichloropropane

Concen: 10.109 ppbv

RT: 7.079 min Scan# 1391

Delta R.T. -0.003 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01

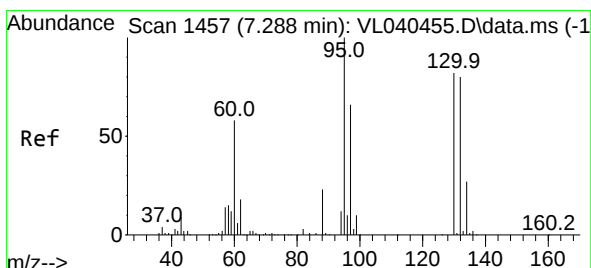
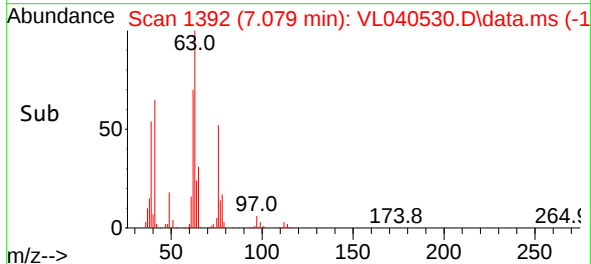
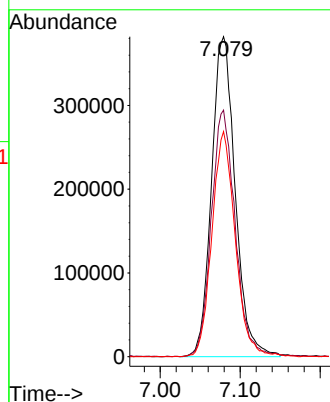
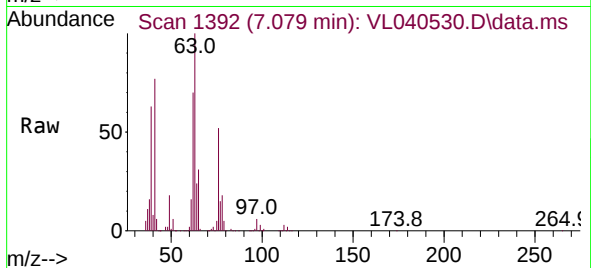
Tgt Ion: 63 Resp: 78512

Ion	Ratio	Lower	Upper
63	100		
41	77.0	54.3	81.5
62	70.3	55.6	83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#40

1,4-Dioxane

Concen: 9.897 ppbv m

RT: 7.295 min Scan# 1459

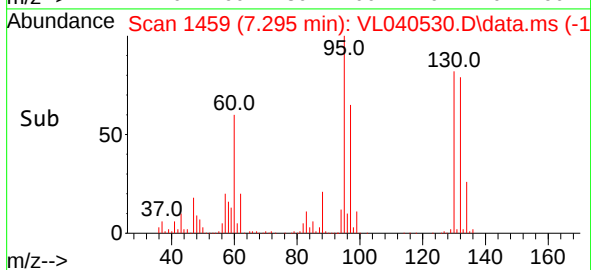
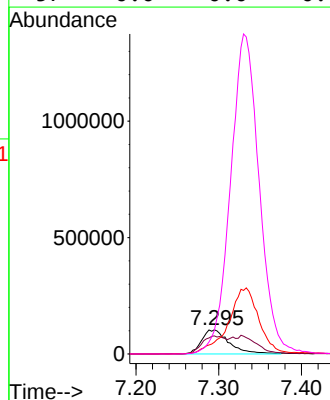
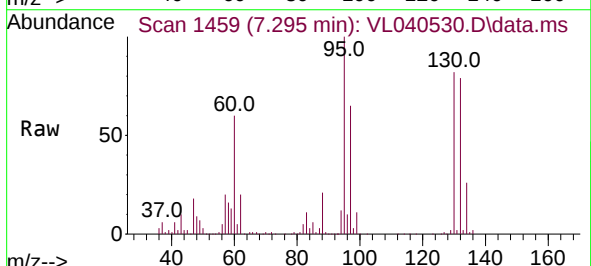
Delta R.T. -0.003 min

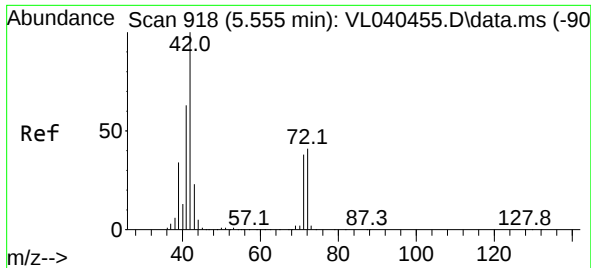
Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Tgt Ion: 88 Resp: 240409

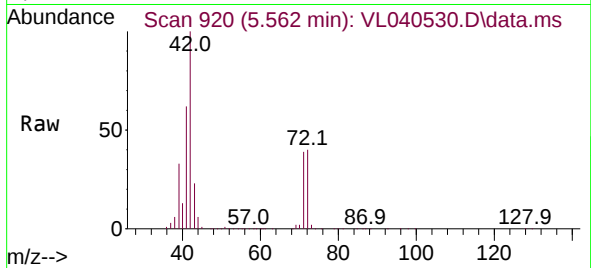
Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.6	88.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.279 ppbv
RT: 5.562 min Scan# 918
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

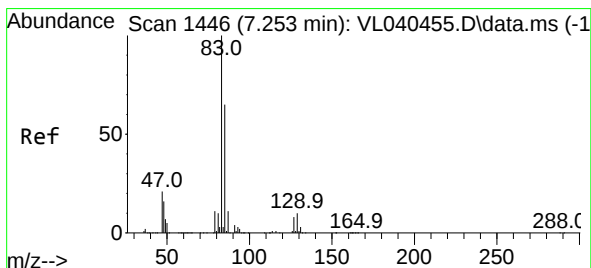
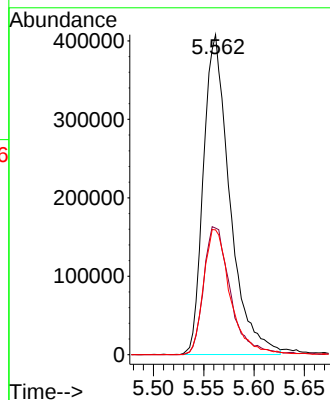
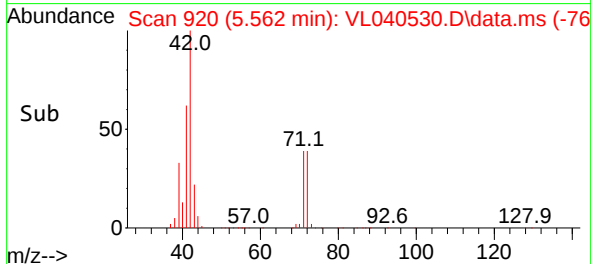
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



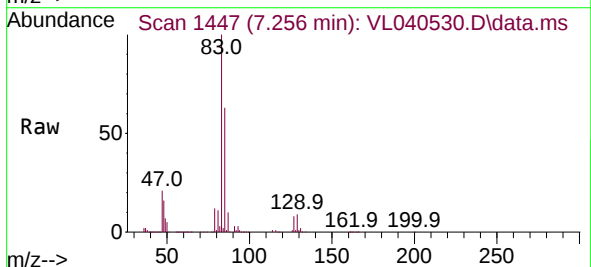
Tgt Ion: 42 Resp: 743188
Ion Ratio Lower Upper
42 100
72 41.2 33.8 50.8
71 40.0 33.0 49.6

Manual Integrations
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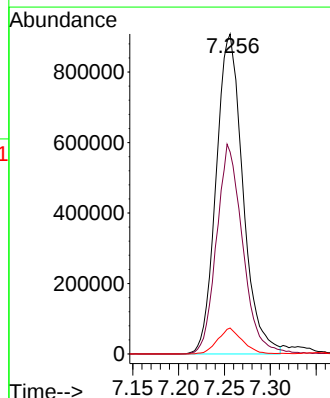
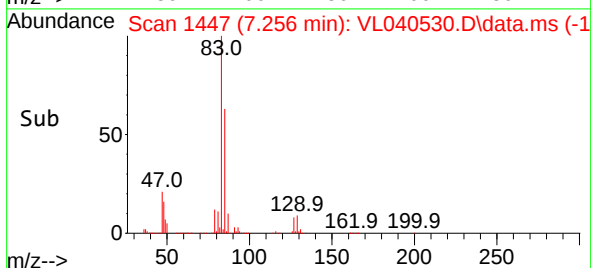
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

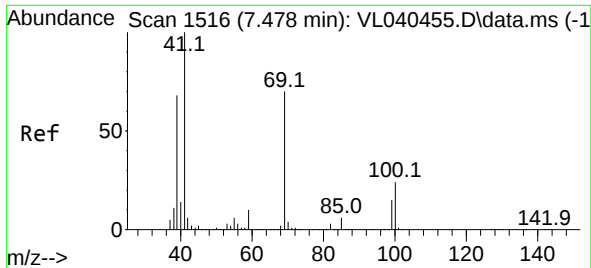


#42
Bromodichloromethane
Concen: 11.175 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39



Tgt Ion: 83 Resp: 1844671
Ion Ratio Lower Upper
83 100
85 63.1 51.1 76.7
127 8.1 6.5 9.7





#43
Methyl Methacrylate
Concen: 11.136 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

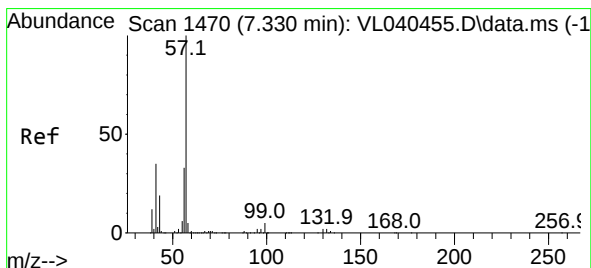
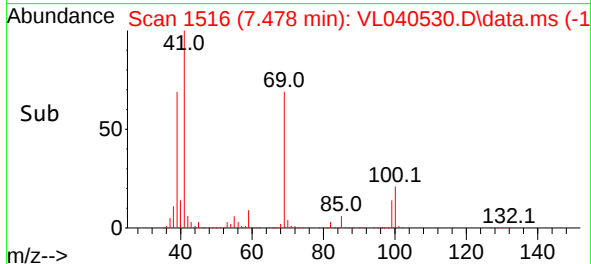
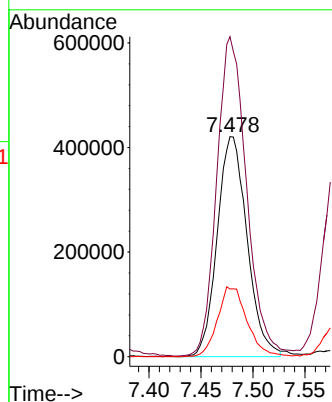
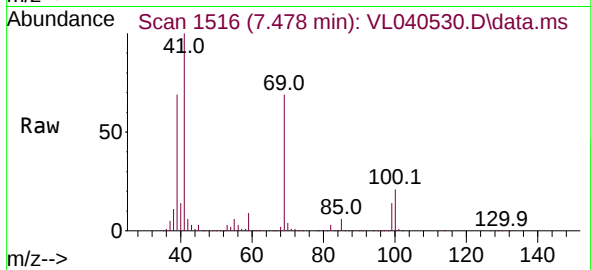
VL0714ABS01

Tgt Ion: 69 Resp: 840911
Ion Ratio Lower Upper
69 100
41 146.1 111.7 167.5
100 31.5 26.9 40.3

Manual Integrations

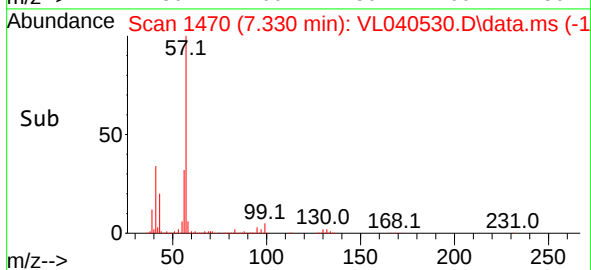
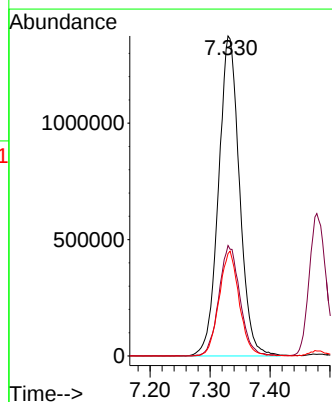
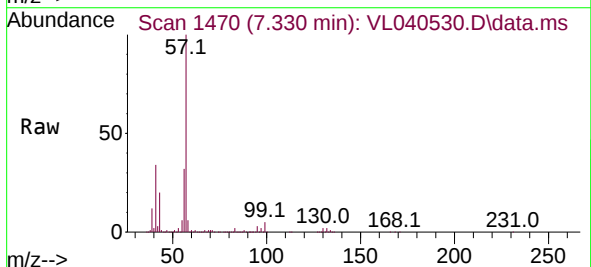
APPROVED

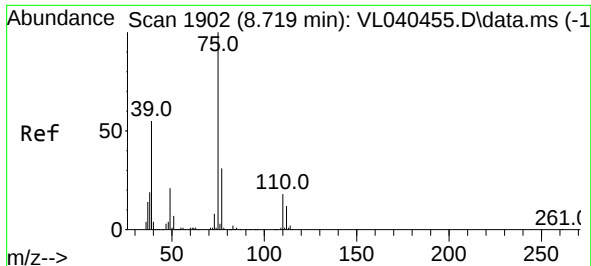
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#44
2,2,4-Trimethylpentane
Concen: 10.234 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Tgt Ion: 57 Resp: 3322029
Ion Ratio Lower Upper
57 100
41 34.8 25.5 38.3
56 31.7 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 12.445 ppbv

RT: 8.713 min Scan# 1902

Delta R.T. -0.010 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01

Tgt Ion: 75 Resp: 60286

Ion Ratio Lower Upper

75 100

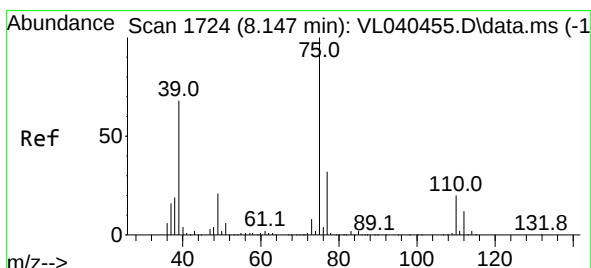
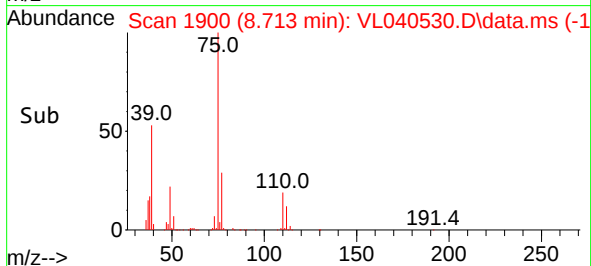
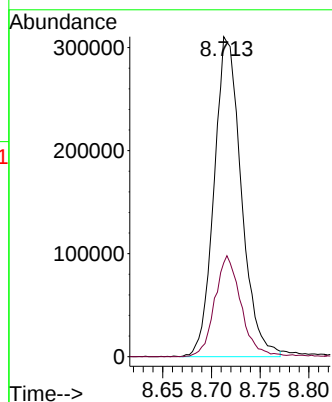
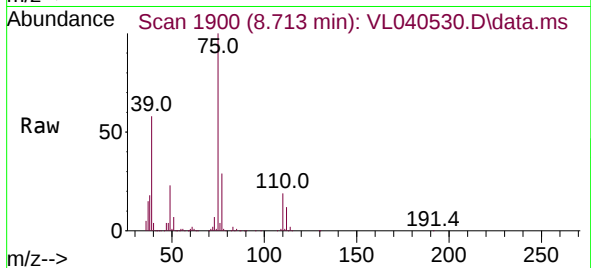
77 29.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#46

cis-1,3-Dichloropropene

Concen: 11.579 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. -0.003 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

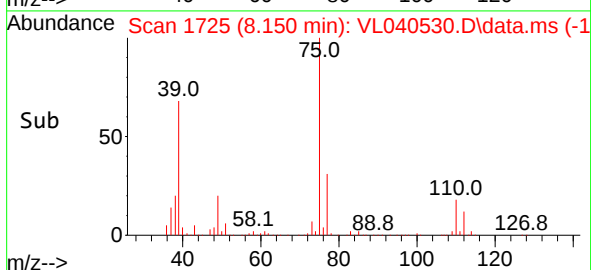
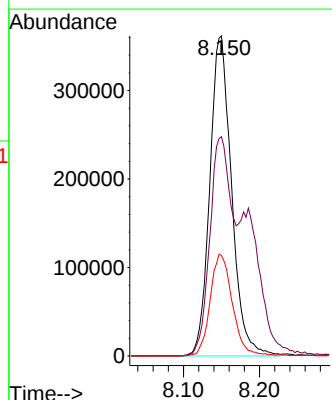
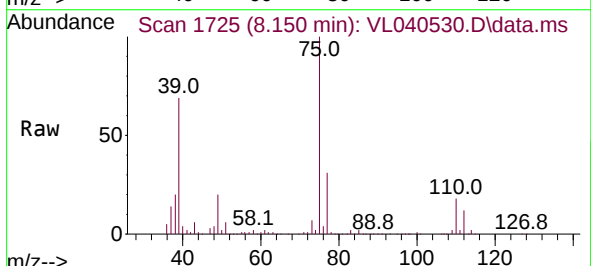
Tgt Ion: 75 Resp: 719673

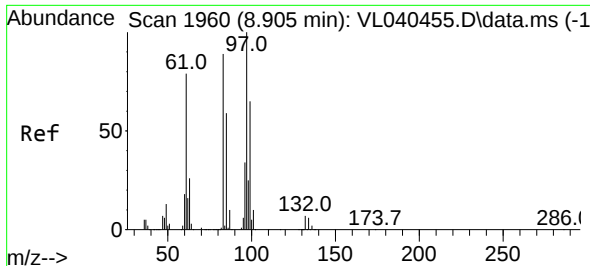
Ion Ratio Lower Upper

75 100

39 68.4 48.0 72.0

77 31.3 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 10.244 ppbv

RT: 8.902 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01

Tgt Ion: 97 Resp: 87780

Ion Ratio Lower Upper

97 100

83 90.6 73.4 110.0

85 59.3 46.6 70.0

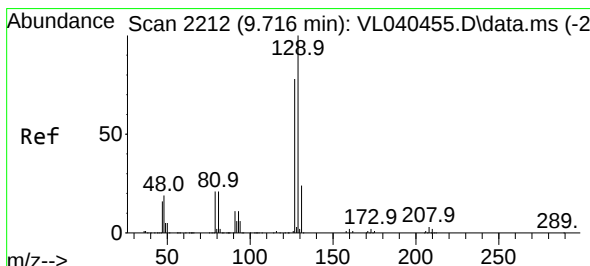
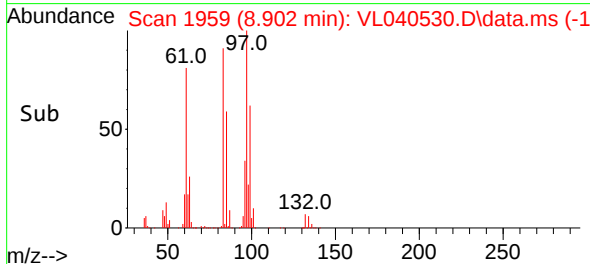
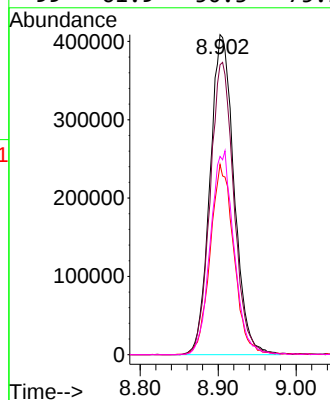
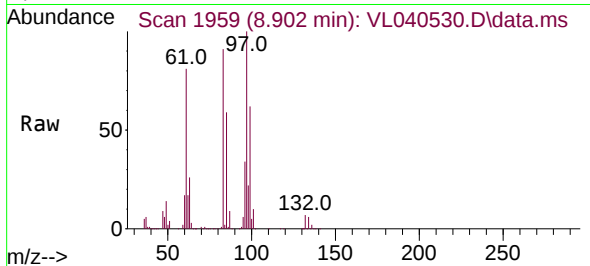
99 61.9 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#48

Dibromochloromethane

Concen: 11.544 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. -0.006 min

Lab File: VL040530.D

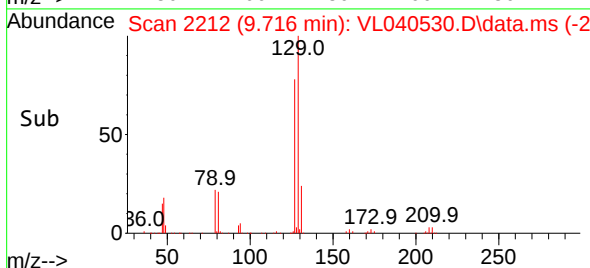
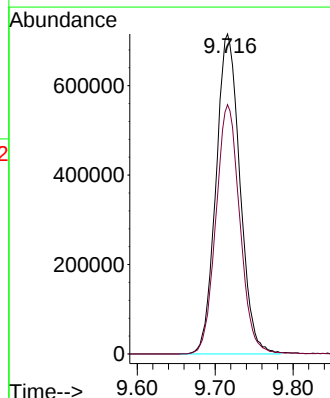
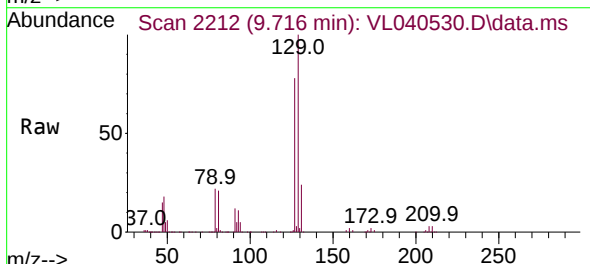
Acq: 14 Jul 2023 16:39

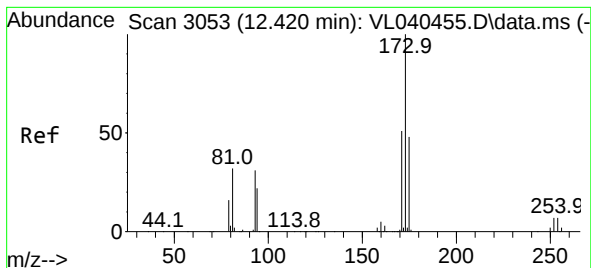
Tgt Ion:129 Resp: 1529414

Ion Ratio Lower Upper

129 100

127 78.0 39.1 117.3





#49

Bromoform

Concen: 12.037 ppbv

RT: 12.413 min Scan# 3053

Delta R.T. -0.010 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01

Tgt Ion:173 Resp: 1264310

Ion Ratio Lower Upper

173 100

175 48.8 39.5 59.3

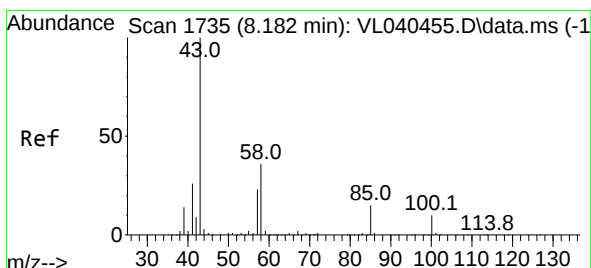
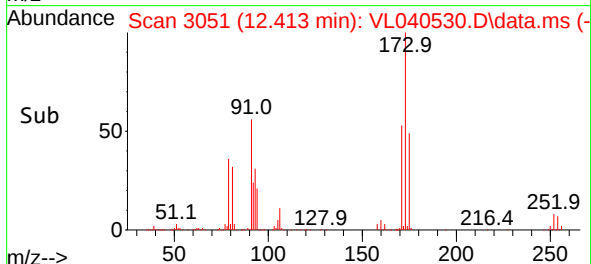
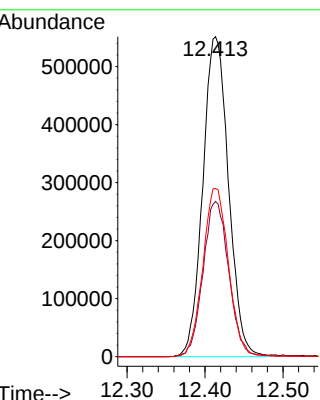
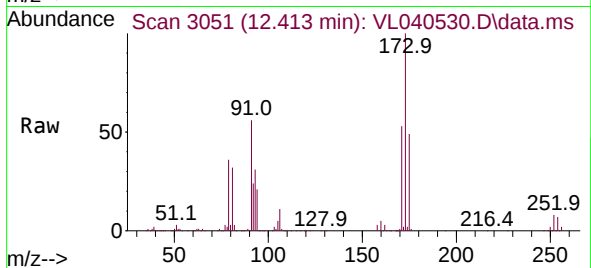
171 52.8 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#50

4-Methyl-2-Pentanone

Concen: 11.217 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. -0.006 min

Lab File: VL040530.D

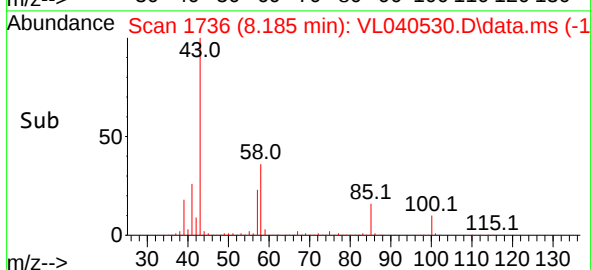
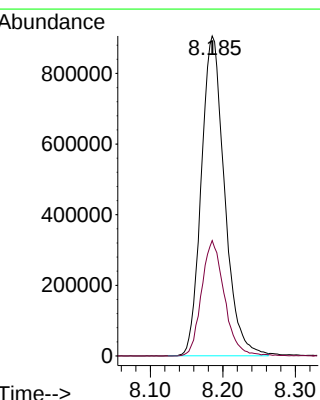
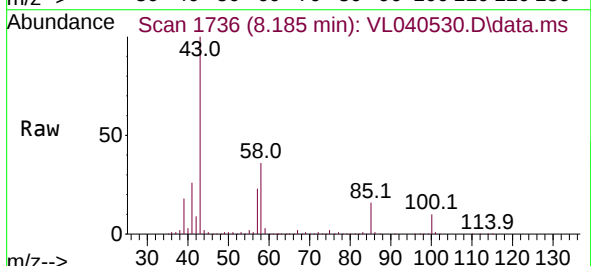
Acq: 14 Jul 2023 16:39

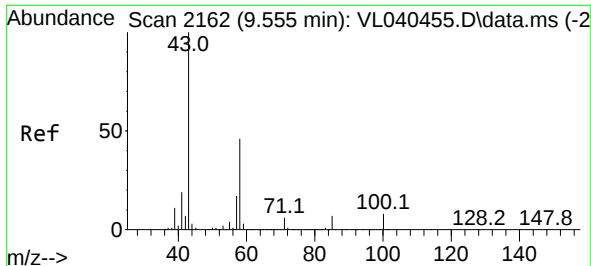
Tgt Ion: 43 Resp: 2019256

Ion Ratio Lower Upper

43 100

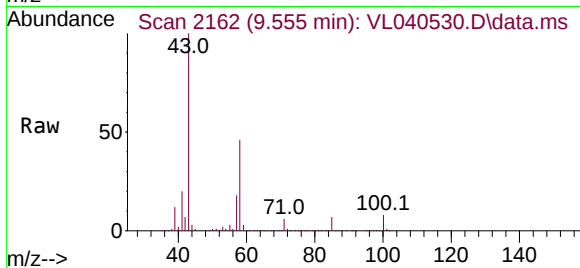
58 35.5 30.2 45.2





#51
2-Hexanone
Concen: 11.895 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

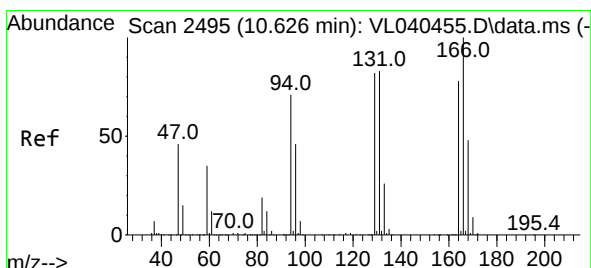
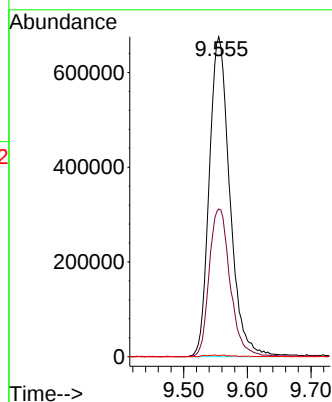
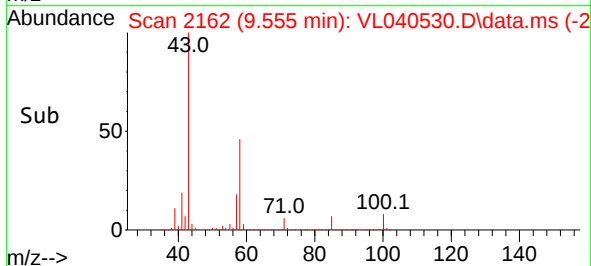
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



Tgt Ion: 43 Resp: 1514254
Ion Ratio Lower Upper
43 100
58 47.3 39.7 59.5
98 0.7 0.3 0.5

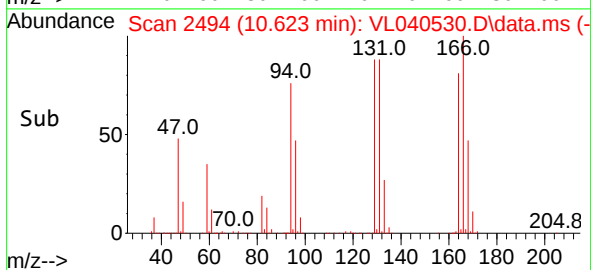
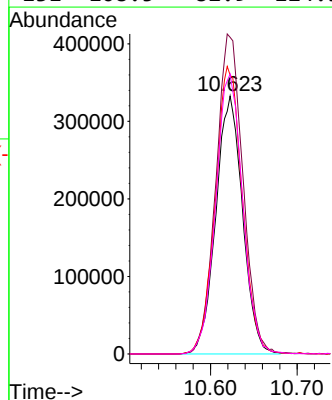
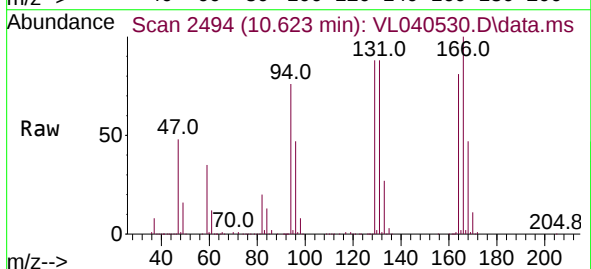
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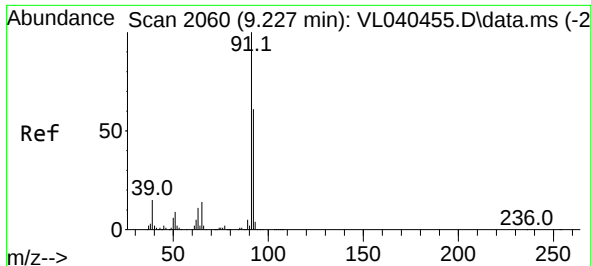
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Tetrachloroethene
Concen: 10.910 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Tgt Ion:164 Resp: 712810
Ion Ratio Lower Upper
164 100
166 122.7 103.9 155.9
129 108.1 84.6 126.8
131 108.5 82.9 124.3





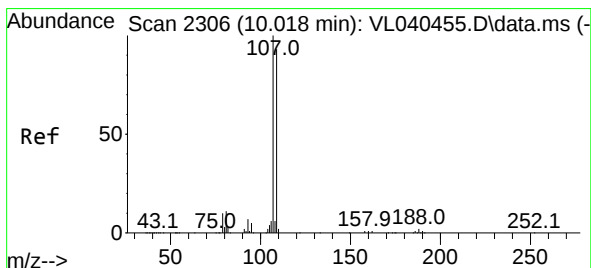
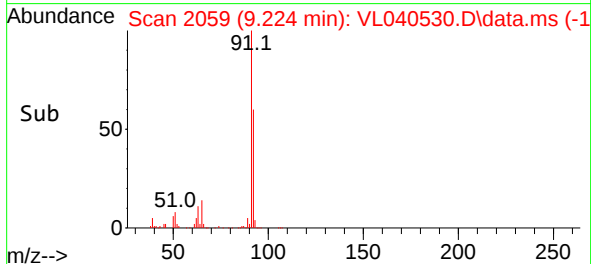
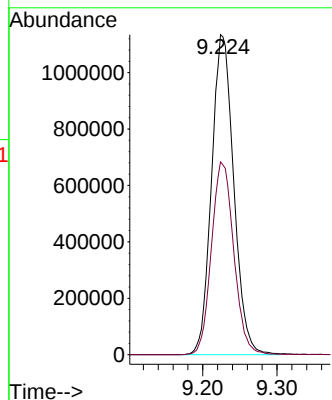
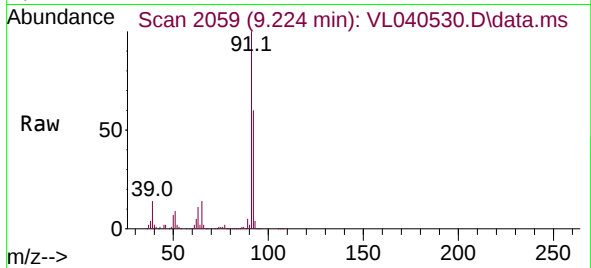
#53
Toluene
Concen: 10.738 ppbv
RT: 9.224 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01

Tgt Ion: 91 Resp: 235325
Ion Ratio Lower Upper
91 100
92 60.8 49.1 73.7

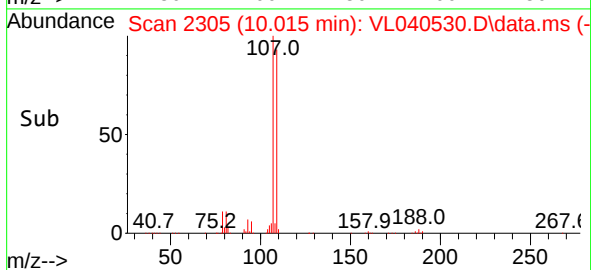
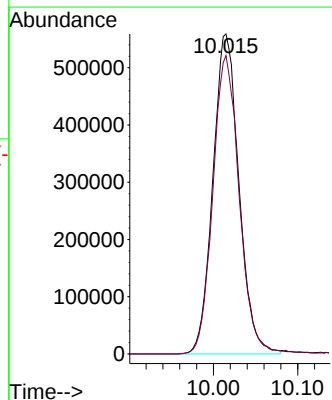
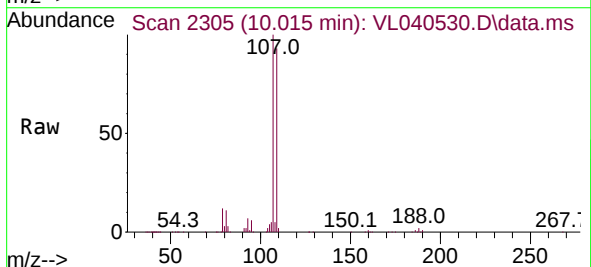
Manual Integrations
APPROVED

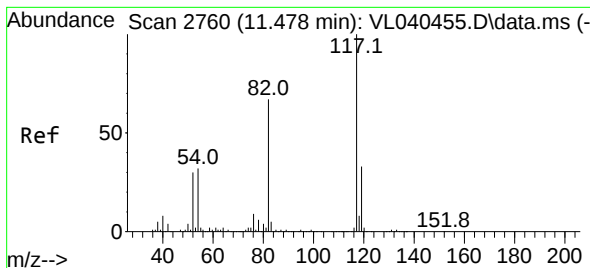
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#54
1,2-Dibromoethane
Concen: 11.272 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

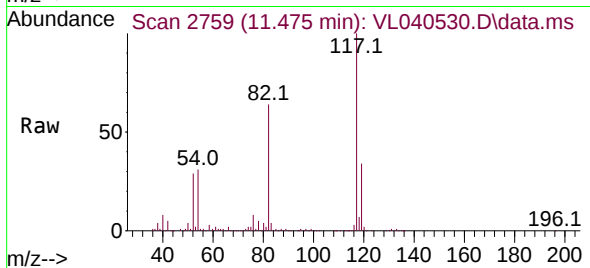
Tgt Ion:107 Resp: 1200605
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2760
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

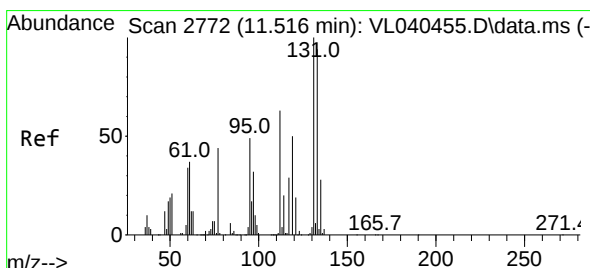
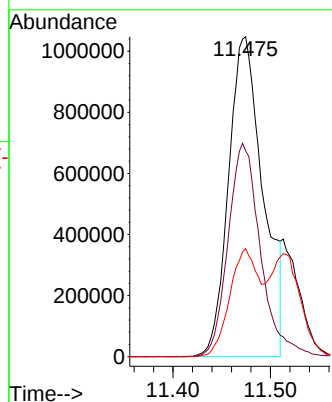
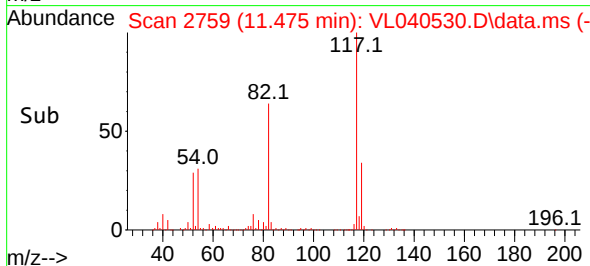
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



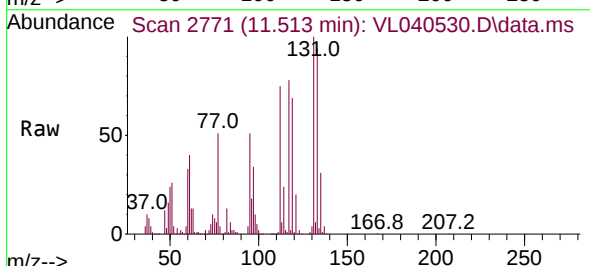
Tgt Ion:117 Resp: 257886
Ion Ratio Lower Upper
117 100
82 63.1 50.2 75.4
119 31.1 26.9 40.3

Manual Integrations
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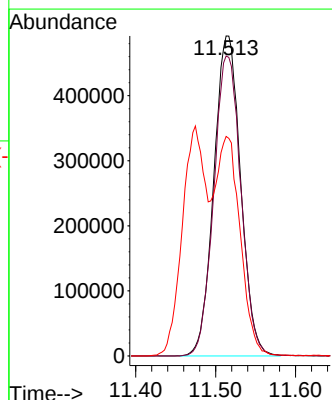
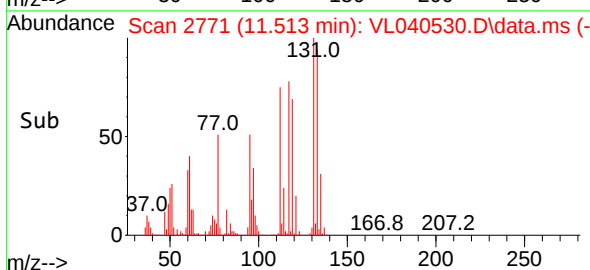
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

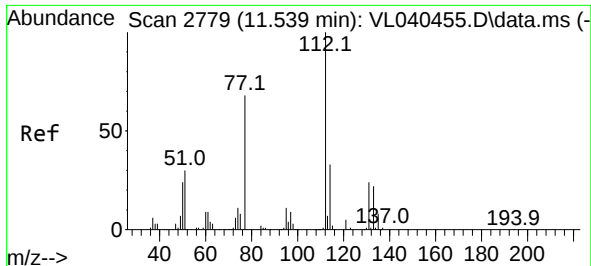


#56
1,1,1,2-Tetrachloroethane
Concen: 9.901 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39



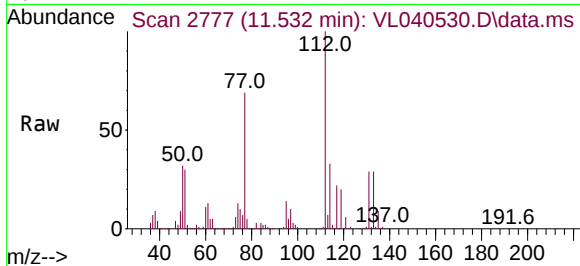
Tgt Ion:131 Resp: 1143474
Ion Ratio Lower Upper
131 100
133 94.9 76.3 114.5
119 67.6 51.1 76.7





#57
Chlorobenzene
Concen: 9.330 ppbv
RT: 11.532 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

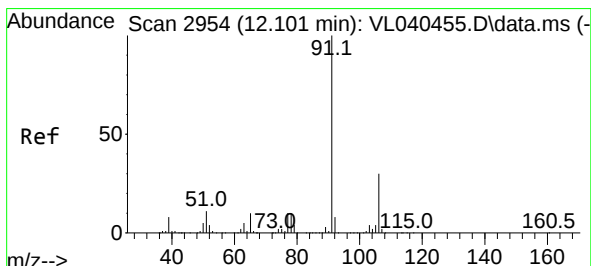
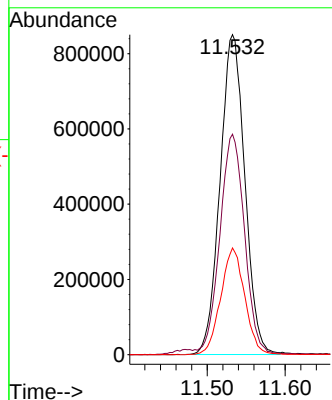
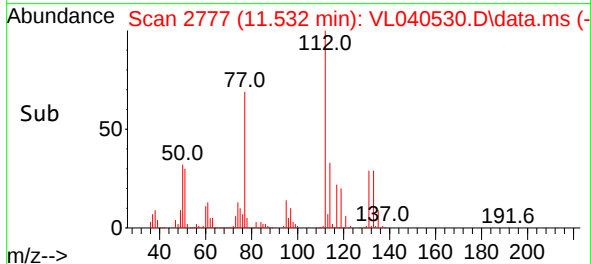
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



Tgt Ion:112 Resp: 187638
Ion Ratio Lower Upper
112 100
77 68.5 51.0 76.6
114 33.4 28.3 34.5

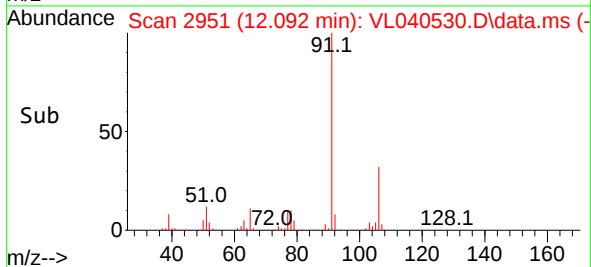
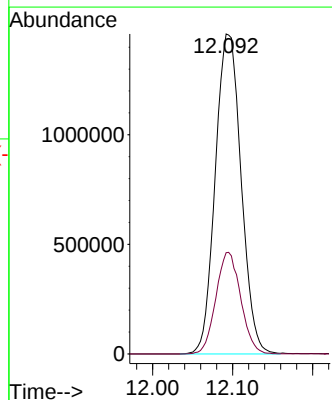
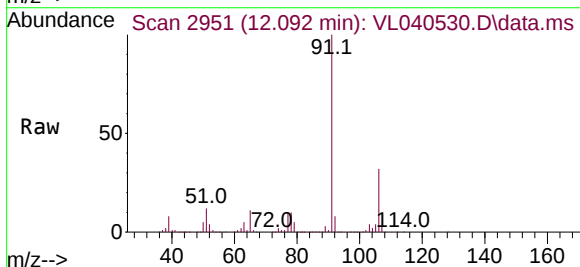
Manual Integrations
APPROVED

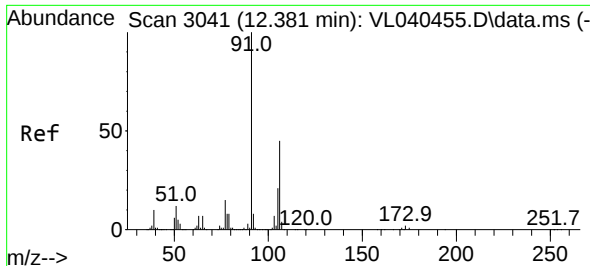
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#58
Ethyl Benzene
Concen: 10.119 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.010 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Tgt Ion: 91 Resp: 3274746
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0





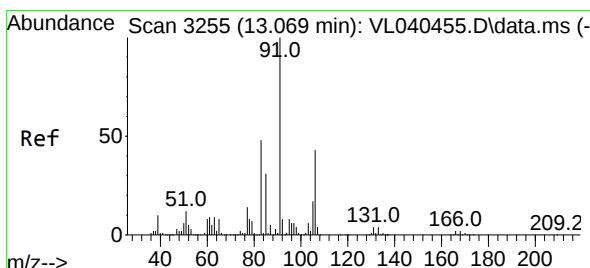
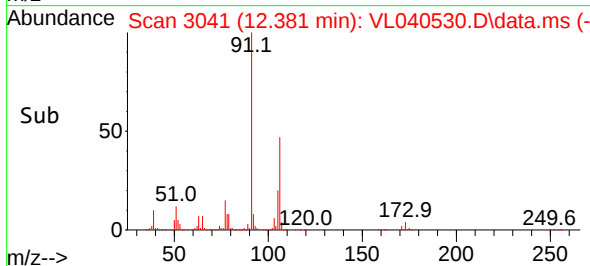
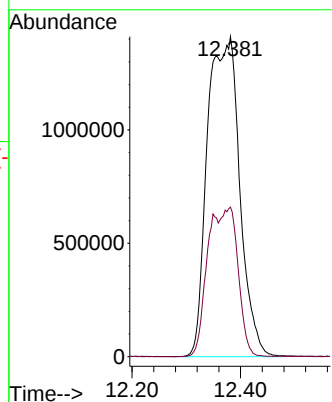
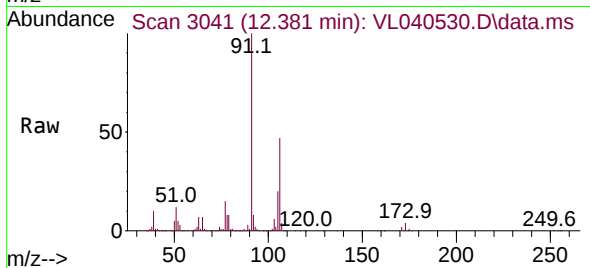
#59
m/p-Xylene
Concen: 20.125 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01

Tgt Ion: 91 Resp: 581316
Ion Ratio Lower Upper
91 100
106 43.9 35.9 53.9

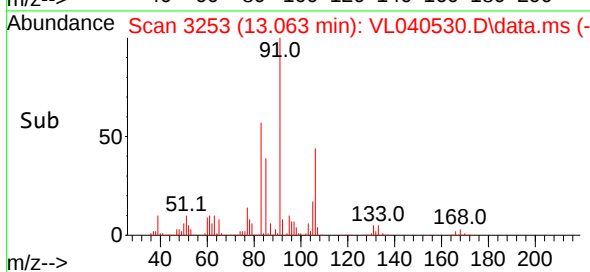
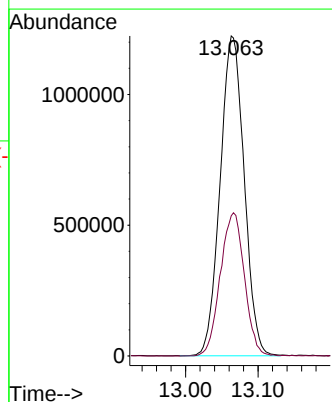
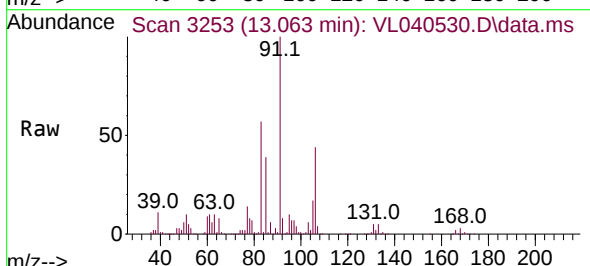
Manual Integrations
APPROVED

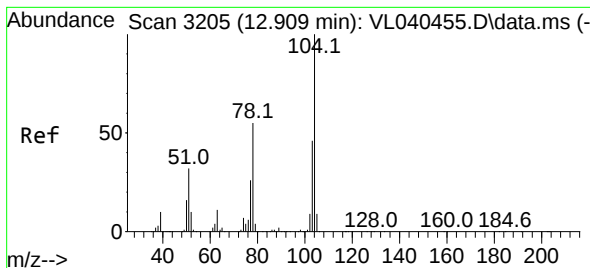
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#60
o-Xylene
Concen: 10.244 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Tgt Ion: 91 Resp: 2818874
Ion Ratio Lower Upper
91 100
106 45.0 22.7 68.0





#61

Styrene

Concen: 10.988 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

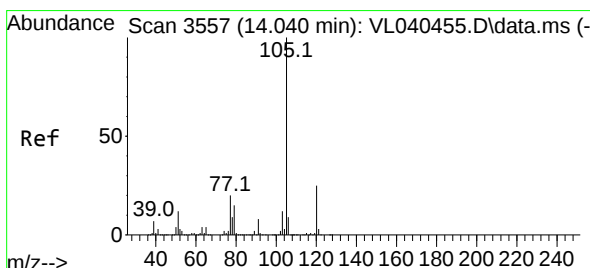
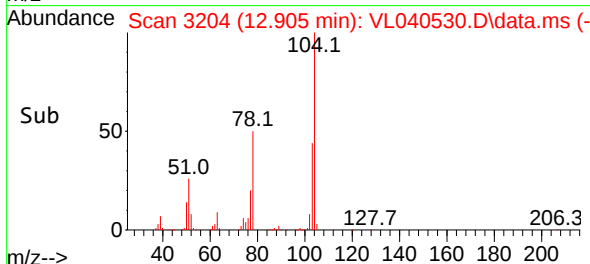
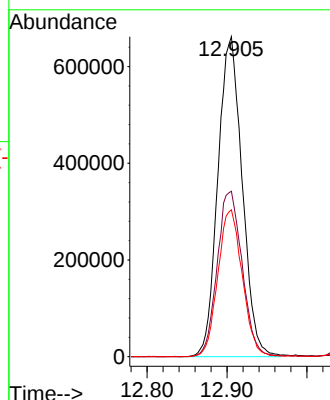
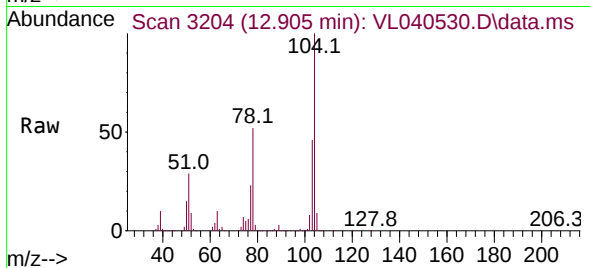
VL0714ABS01

Tgt Ion:104 Resp: 1394732
 Ion Ratio Lower Upper
 104 100
 78 53.3 40.1 60.1
 103 46.4 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#62

Isopropylbenzene

Concen: 9.877 ppbv

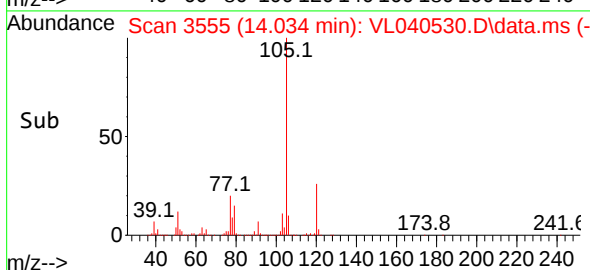
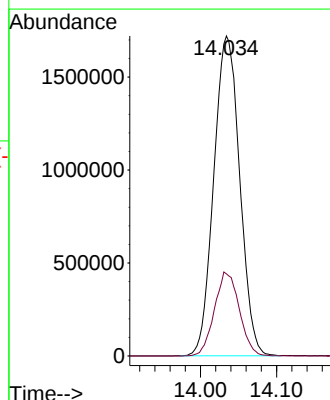
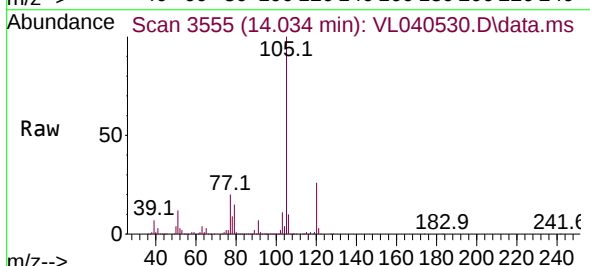
RT: 14.034 min Scan# 3555

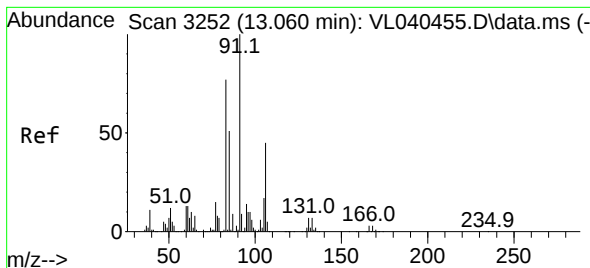
Delta R.T. -0.006 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Tgt Ion:105 Resp: 4073730
 Ion Ratio Lower Upper
 105 100
 120 25.1 20.8 31.2





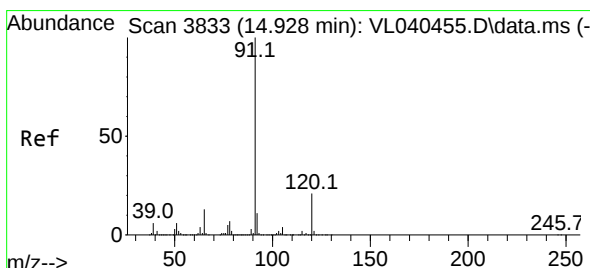
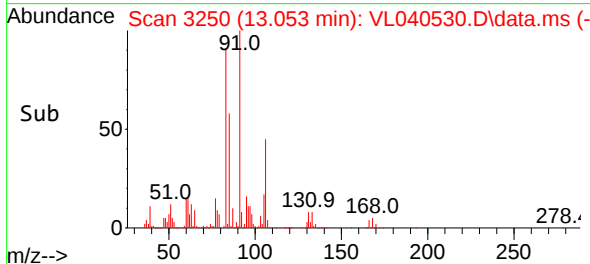
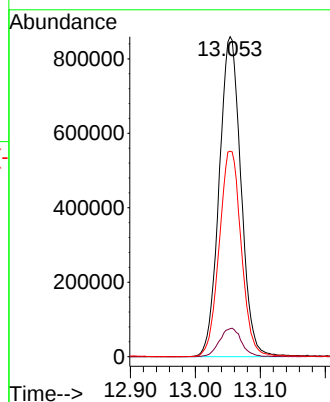
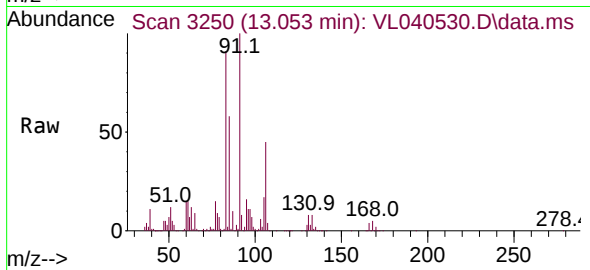
#63
1,1,2,2-Tetrachloroethane
Concen: 10.350 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01

Tgt Ion: 83 Resp: 199441
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 65.4 32.8 98.3

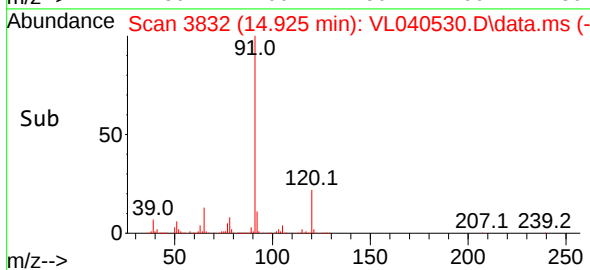
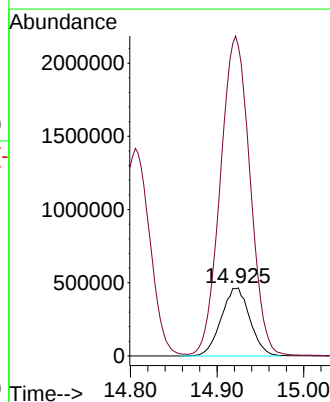
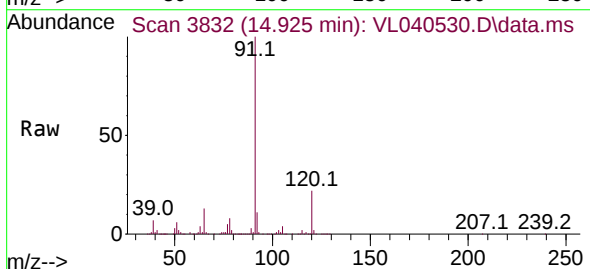
Manual Integrations
APPROVED

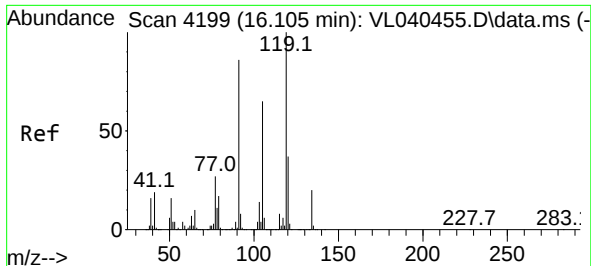
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#64
n-propylbenzene
Concen: 9.987 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

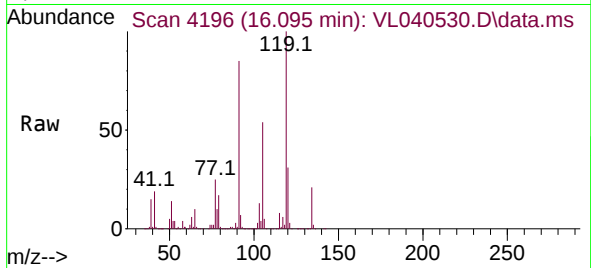
Tgt Ion:120 Resp: 1065636
Ion Ratio Lower Upper
120 100
91 489.2 374.3 561.5





#65
tert-Butylbenzene
Concen: 10.069 ppbv
RT: 16.095 min Scan# 4199
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

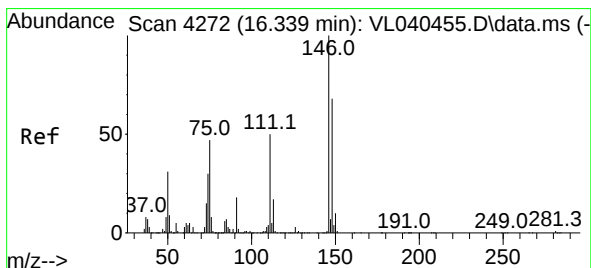
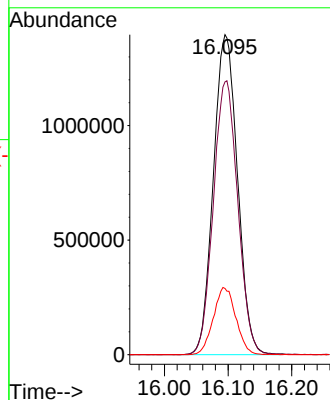
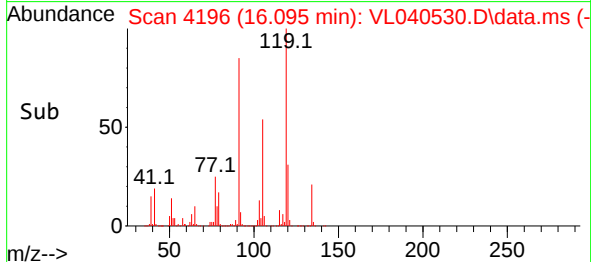
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



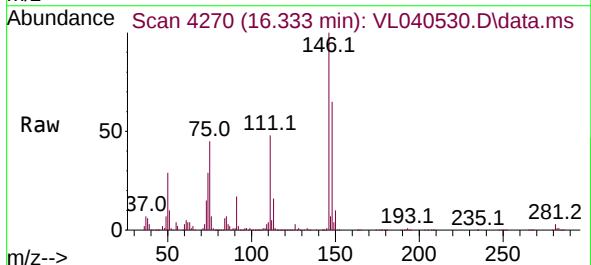
Tgt Ion:119 Resp: 367629
Ion Ratio Lower Upper
119 100
91 87.0 66.1 99.1
134 19.7 15.7 23.5

Manual Integrations
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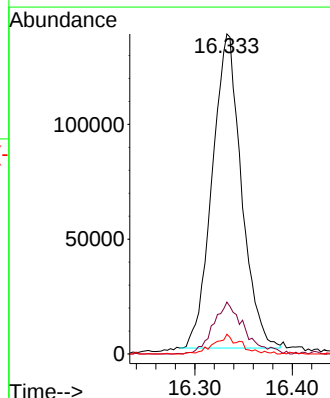
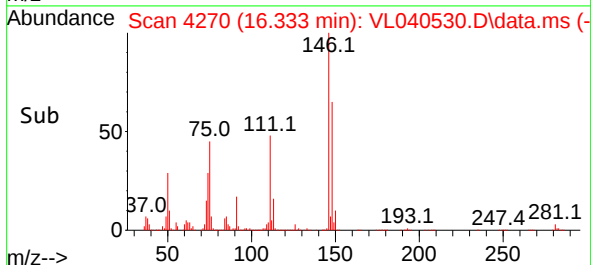
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

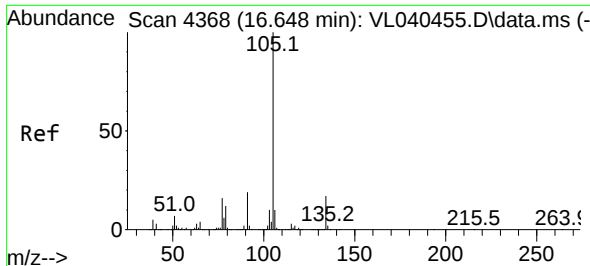


#66
Benzyl Chloride
Concen: 11.042 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.003 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39



Tgt Ion: 91 Resp: 285203
Ion Ratio Lower Upper
91 100
126 17.6 15.4 23.2
128 5.8 4.5 6.7





#67

sec-Butylbenzene

Concen: 9.980 ppbv

RT: 16.642 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01

Tgt Ion:105 Resp: 535393

Ion Ratio Lower Upper

105 100

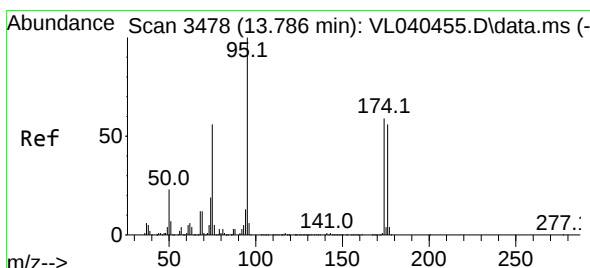
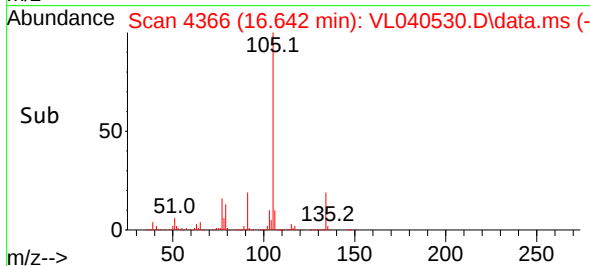
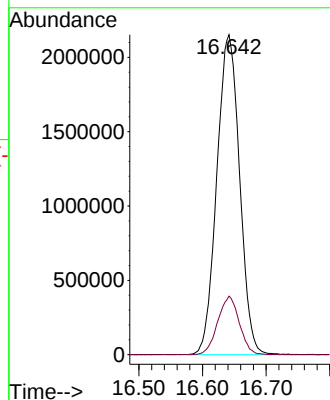
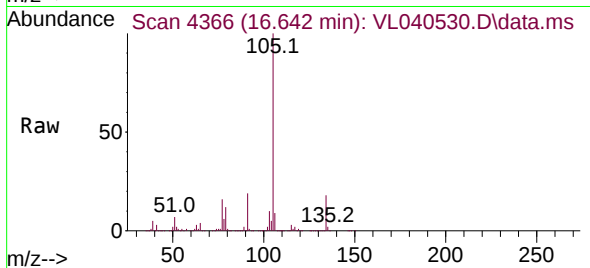
134 17.3 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.865 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. -0.003 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

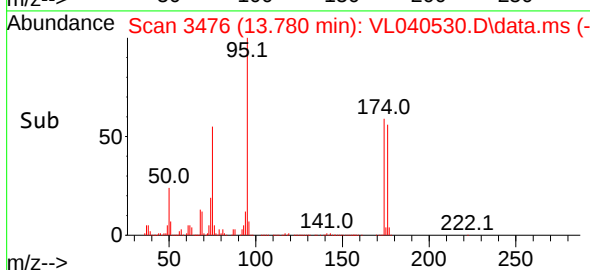
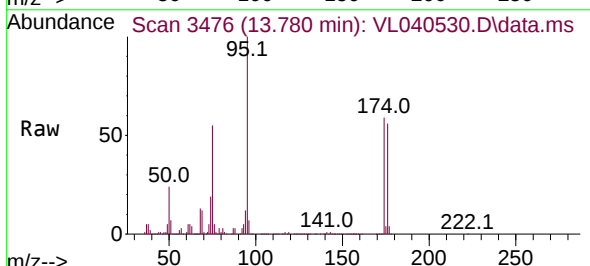
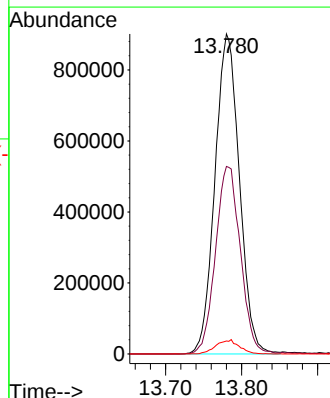
Tgt Ion: 95 Resp: 2013530

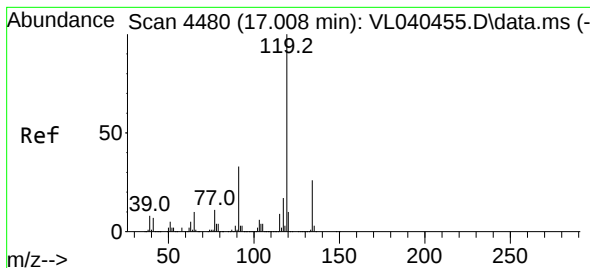
Ion Ratio Lower Upper

95 100

174 59.8 50.6 75.8

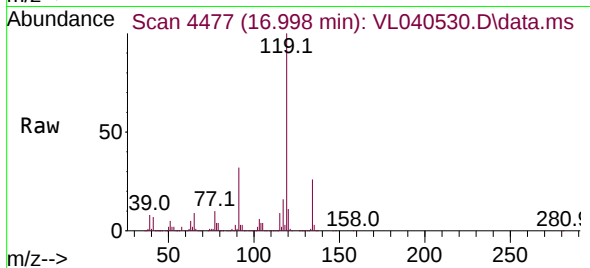
175 4.2 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.043 ppbv
RT: 16.998 min Scan# 4480
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

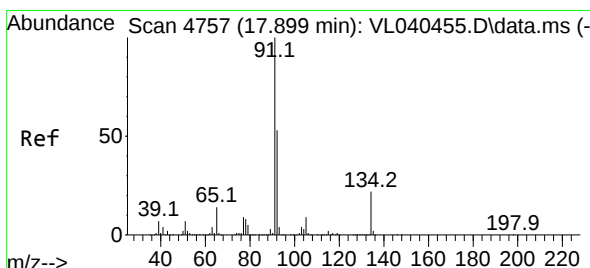
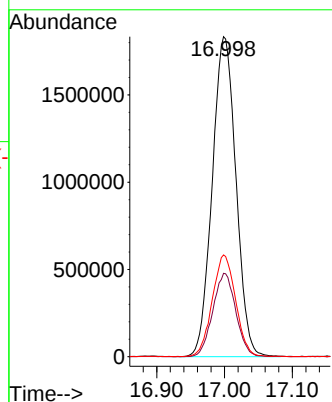
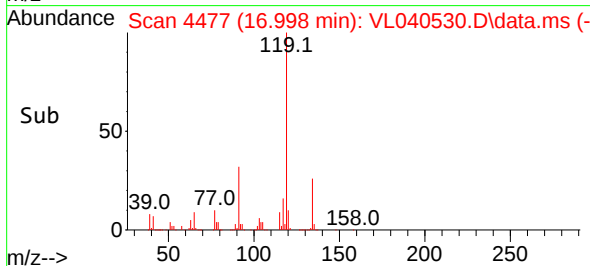
Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



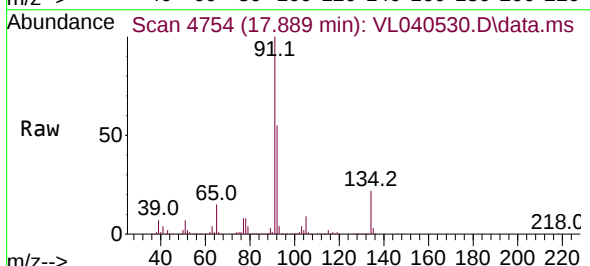
Tgt Ion:119 Resp: 4452520
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 31.3 23.8 35.8

Manual Integrations
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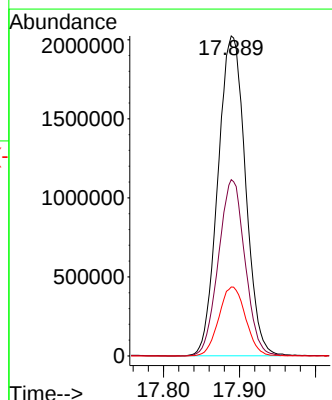
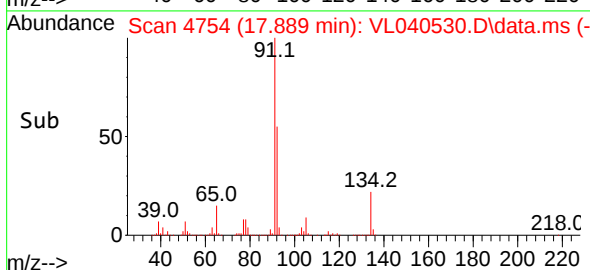
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

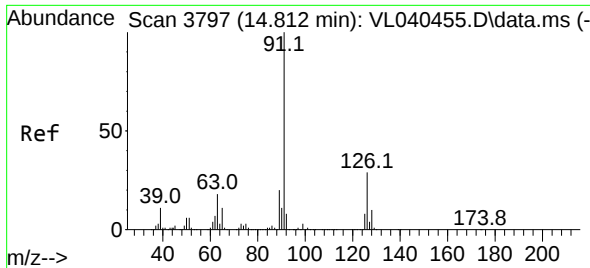


#70
n-Butylbenzene
Concen: 10.262 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39



Tgt Ion: 91 Resp: 5073261
Ion Ratio Lower Upper
91 100
92 53.5 43.4 65.0
134 21.1 18.1 27.1





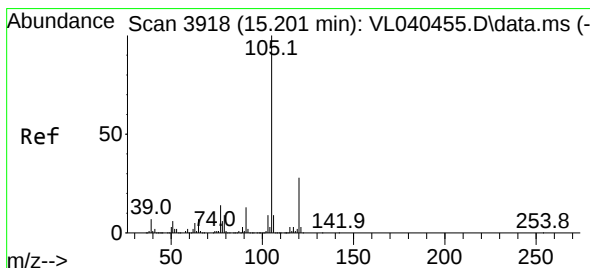
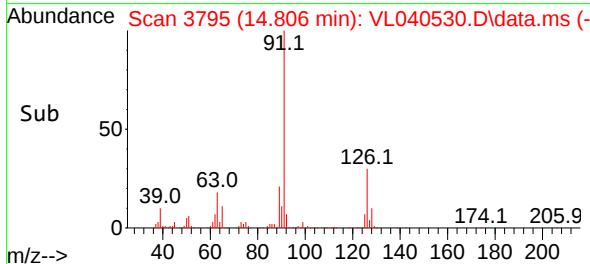
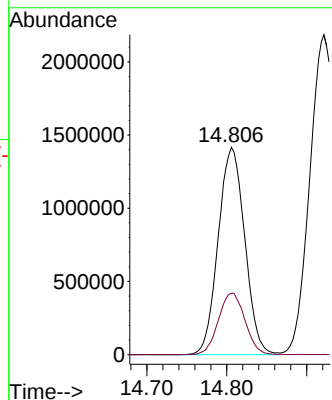
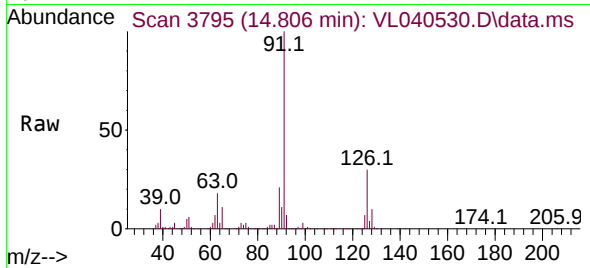
#71
2-Chlorotoluene
Concen: 10.269 ppbv
RT: 14.806 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01

Tgt Ion: 91 Resp: 326390
Ion Ratio Lower Upper
91 100
126 29.8 12.4 49.8

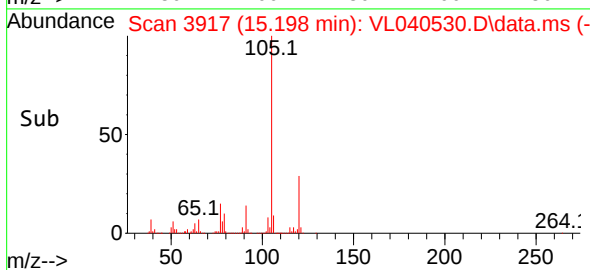
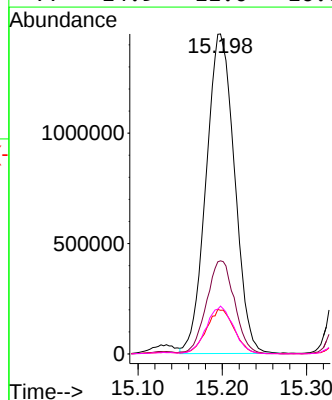
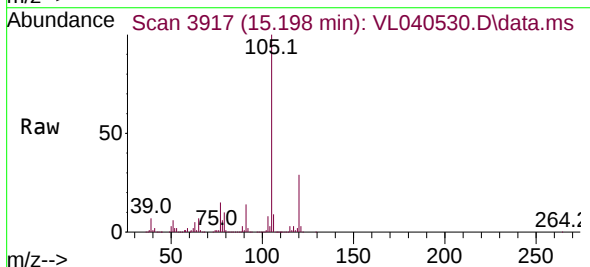
Manual Integrations
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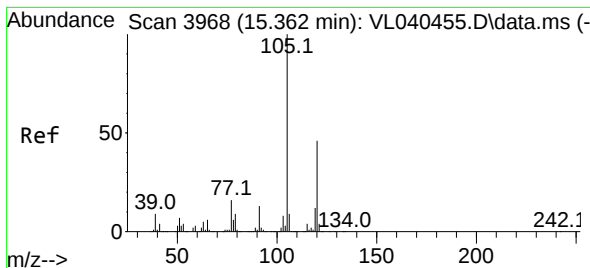
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#72
4-Ethyltoluene
Concen: 10.506 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Tgt Ion:105 Resp: 3388822
Ion Ratio Lower Upper
105 100
120 29.6 24.6 37.0
91 14.3 10.7 16.1
77 14.9 11.0 16.6





#73

1,3,5-Trimethylbenzene

Concen: 10.339 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. -0.006 min

Lab File: VL040530.D

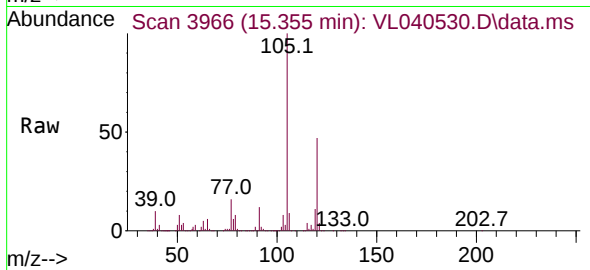
Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01



Tgt Ion:105 Resp: 2939489

Ion Ratio Lower Upper

105 100

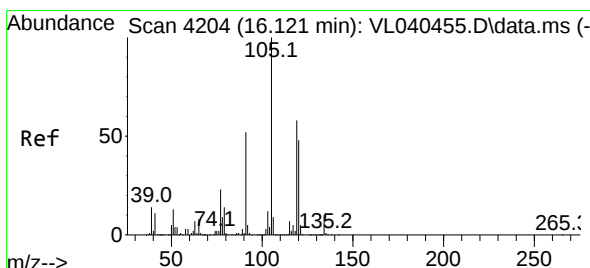
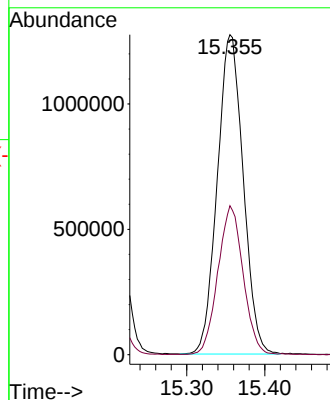
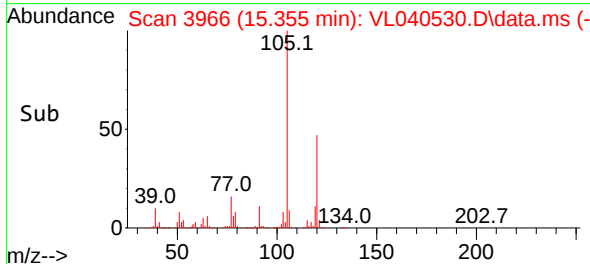
120 46.6 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.127 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. -0.003 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Tgt Ion:105 Resp: 3356988

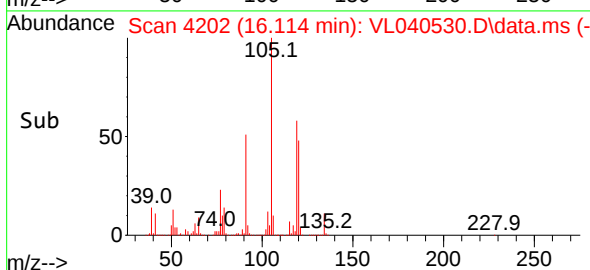
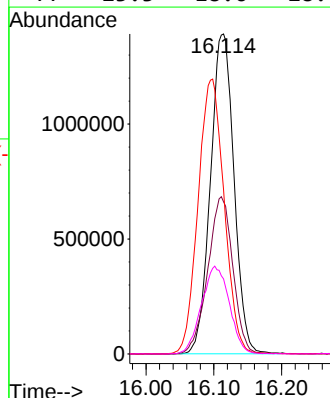
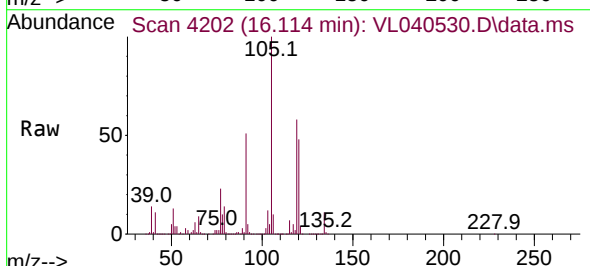
Ion Ratio Lower Upper

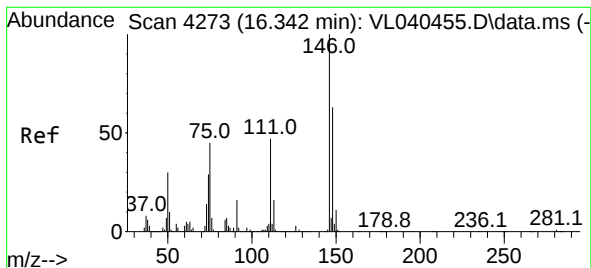
105 100

120 47.4 40.3 60.5

91 51.3 46.8 70.2

77 23.3 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 9.724 ppbv

RT: 16.336 min Scan# 4315

Delta R.T. -0.006 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01

Tgt Ion:146 Resp: 1954270

Ion Ratio Lower Upper

146 100

111 48.6 23.6 71.0

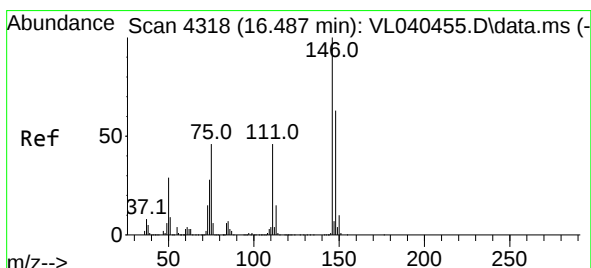
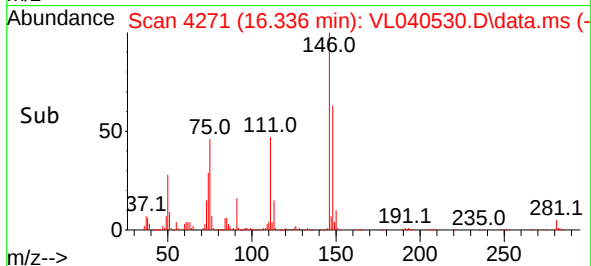
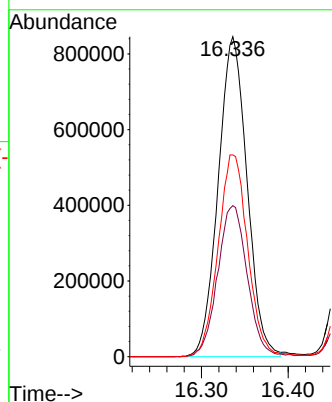
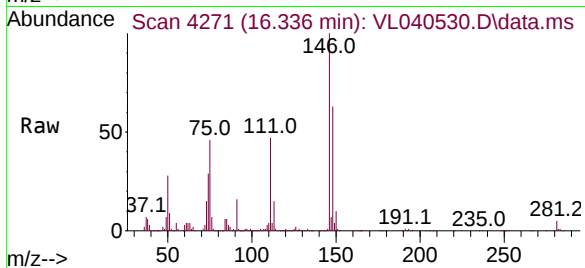
148 64.9 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#76

1,4-Dichlorobenzene

Concen: 9.725 ppbv

RT: 16.478 min Scan# 4315

Delta R.T. -0.010 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

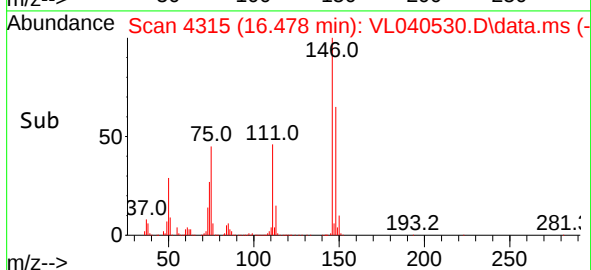
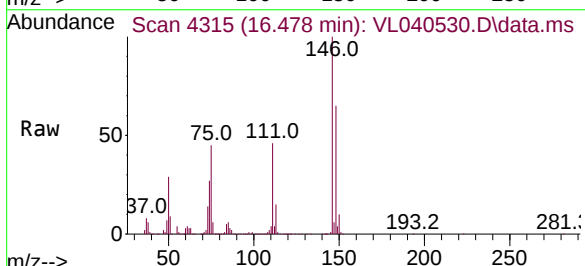
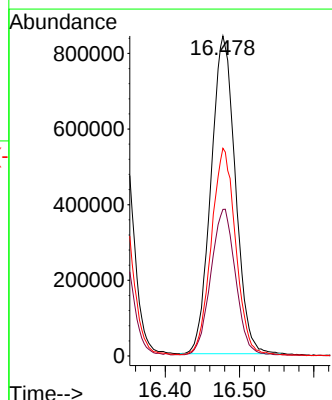
Tgt Ion:146 Resp: 1916634

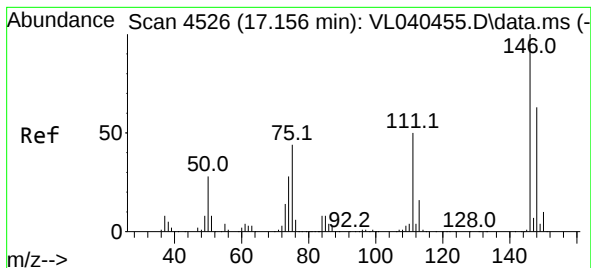
Ion Ratio Lower Upper

146 100

111 47.3 22.8 68.3

148 65.9 32.6 97.8





#77

1,2-Dichlorobenzene

Concen: 9.850 ppbv

RT: 17.146 min Scan# 4526

Delta R.T. -0.006 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01

Tgt Ion:146 Resp: 1893034

Ion Ratio Lower Upper

146 100

111 50.5 24.3 72.8

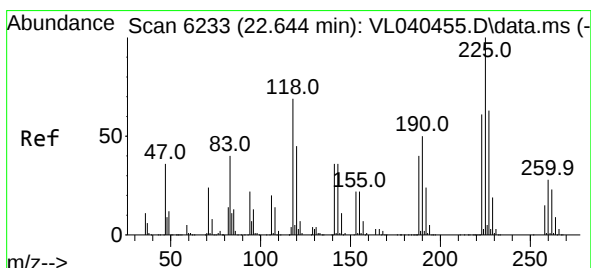
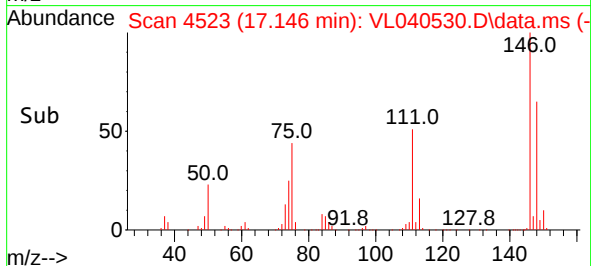
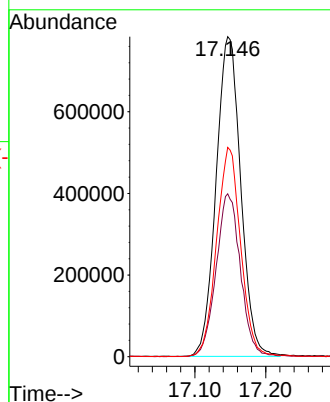
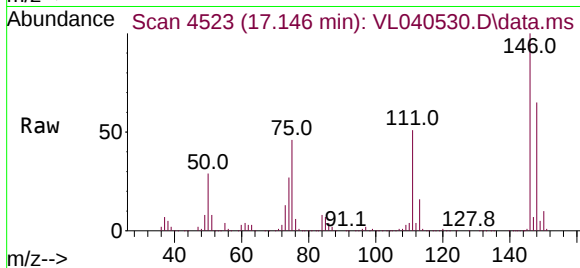
148 64.0 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#78

Hexachloro-1,3-Butadiene

Concen: 9.002 ppbv

RT: 22.641 min Scan# 6232

Delta R.T. -0.006 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

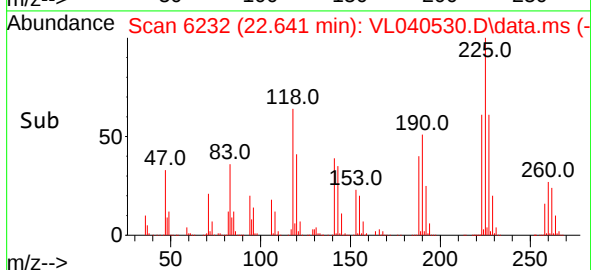
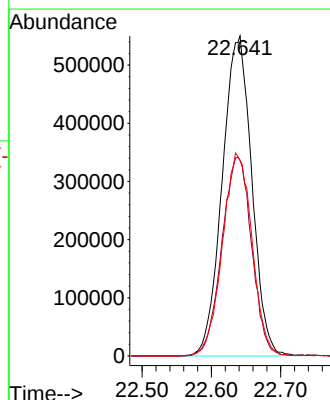
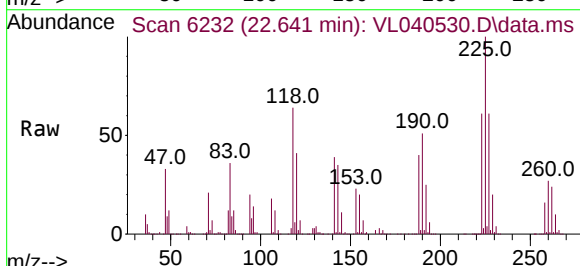
Tgt Ion:225 Resp: 1624772

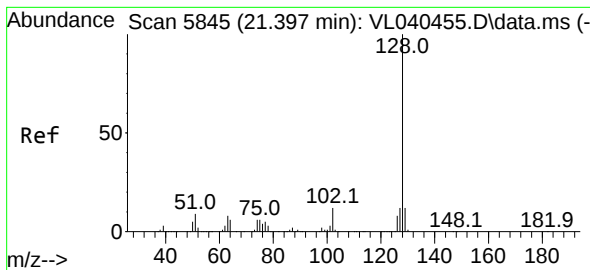
Ion Ratio Lower Upper

225 100

223 62.9 50.3 75.5

227 63.5 51.0 76.6





#79

Naphthalene

Concen: 12.161 ppbv

RT: 21.387 min Scan# 5845

Delta R.T. -0.006 min

Lab File: VL040530.D

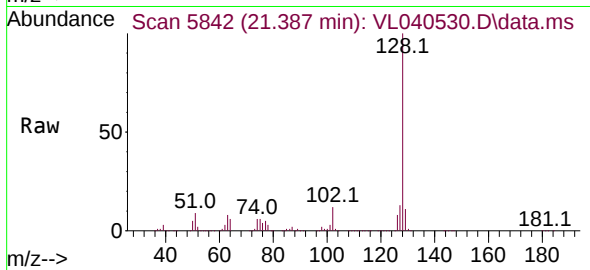
Acq: 14 Jul 2023 16:39

Instrument :

MSVOA_L

ClientSampleId :

VL0714ABS01



Tgt Ion:128 Resp: 3410779

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

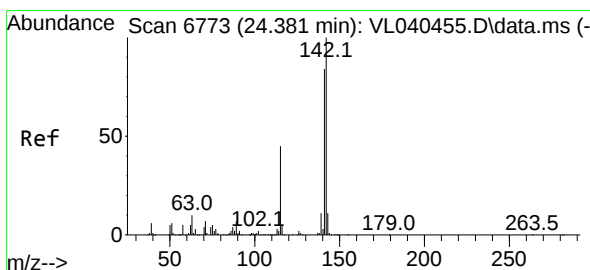
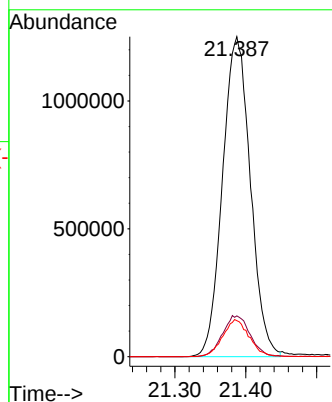
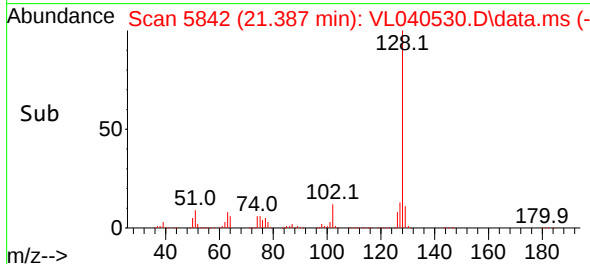
129 11.3 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#80

Naphthalene,2-methyl-

Concen: 11.812 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. -0.006 min

Lab File: VL040530.D

Acq: 14 Jul 2023 16:39

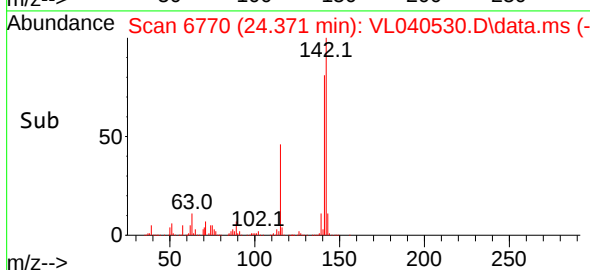
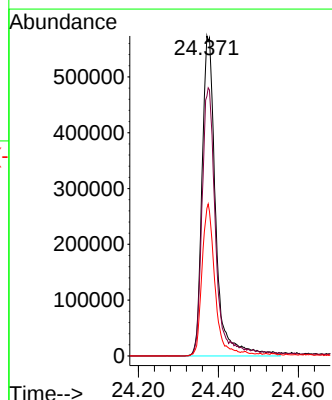
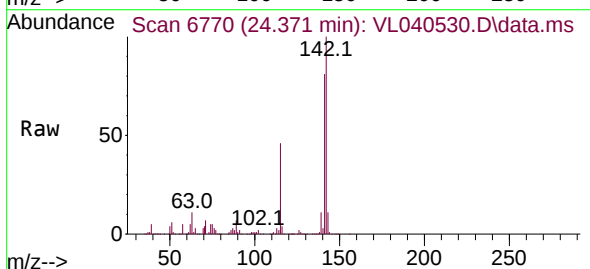
Tgt Ion:142 Resp: 1366051

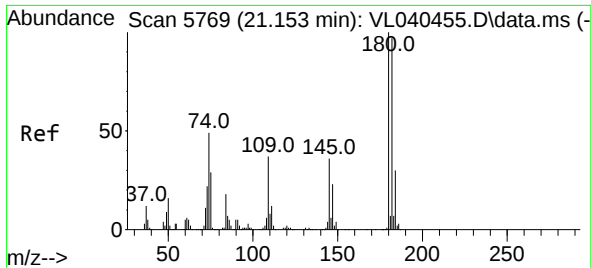
Ion Ratio Lower Upper

142 100

141 85.5 66.7 100.1

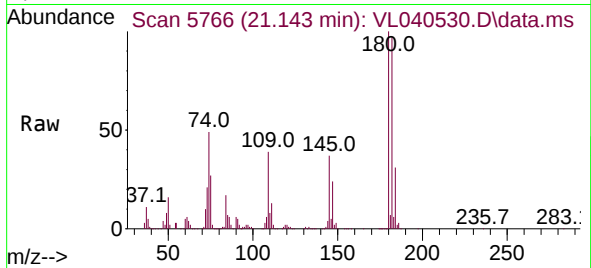
115 46.7 33.0 49.6





#81
1,2,4-Trichlorobenzene
Concen: 10.353 ppbv
RT: 21.143 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL040530.D
Acq: 14 Jul 2023 16:39

Instrument :
MSVOA_L
ClientSampleId :
VL0714ABS01



Tgt Ion:180 Resp: 2001125
Ion Ratio Lower Upper
180 100
182 95.5 77.5 116.3
184 30.9 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

