

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040361.D
 Acq On : 13 Apr 2023 14:56
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL041323

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 13 15:26:43 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

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

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1110591	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2788770	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2803992m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.790 95 2210428 9.533 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1611653	8.049	ppbv	99
3) Chlorodifluoromethane	2.665	51	1294158	8.918	ppbv	100
4) Chloromethane	2.803	50	832628	9.082	ppbv	99
5) Vinyl Chloride	2.909	62	725131	9.582	ppbv	100
6) Bromomethane	3.108	94	229857	9.219	ppbv	99
7) Chloroethane	3.189	64	269664	9.411	ppbv	95
8) Dichlorotetrafluoroethane	2.848	85	1741711	8.900	ppbv	98
9) Propene	2.684	41	543656	9.482	ppbv	99
10) Heptane	7.584	43	1301279	9.987	ppbv	100
11) Trichlorofluoromethane	3.555	101	1755154	8.659	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.060	101	1236674	8.723	ppbv	99
13) Ethanol	3.234	45	45798m	9.569	ppbv	
14) Bromoethene	3.359	108	545840	9.415	ppbv	98
15) Acetone	3.459	43	1227360	7.803	ppbv	98
16) 1,3-Butadiene	2.973	39	623256	9.574	ppbv	99
17) tert-Butyl alcohol	3.870	59	1386345	9.597	ppbv	100
18) 1,1-Dichloroethene	3.874	96	568472	8.890	ppbv	99
19) Isopropyl Alcohol	3.565	45	680991	9.488	ppbv	98
20) Methylene Chloride	3.925	84	486661	7.749	ppbv	98
21) Allyl Chloride	3.989	41	847473	9.482	ppbv	99
22) trans-1,2-Dichloroethene	4.439	96	574517	8.987	ppbv	96
23) Vinyl Acetate	4.623	43	373499	9.326	ppbv	97
24) 1,1-Dichloroethane	4.562	63	1175392	8.818	ppbv	100
25) Ethyl Acetate	5.205	43	2505892	9.467	ppbv	100
26) Hexane	5.211	57	1061079	9.509	ppbv	98
27) Carbon Disulfide	4.118	76	1409915	9.764	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1047928	9.098	ppbv	99
29) Chloroform	5.275	83	1803686	9.074	ppbv	98
30) Cyclohexane	6.610	84	878902	10.170	ppbv	100
31) cis-1,2-Dichloroethene	5.076	61	1112906	10.062	ppbv	100
32) 1,1,1-Trichloroethane	6.005	97	1814158	9.393	ppbv	99
34) 2-Butanone	4.784	43	1477004	9.822	ppbv	100
35) Carbon Tetrachloride	6.497	117	1852832	9.438	ppbv	99
36) Benzene	6.375	78	2220424	9.759	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1406022	9.408	ppbv	100
38) Trichloroethene	7.298	130	1331064	10.279	ppbv	97
39) 1,2-Dichloropropane	7.079	63	858042	9.584	ppbv	98
40) 1,4-Dioxane	7.291	88	355611	10.371	ppbv #	96
41) Tetrahydrofuran	5.555	42	843144	10.238	ppbv	99
42) Bromodichloromethane	7.256	83	1954408	9.576	ppbv	99
43) Methyl Methacrylate	7.481	69	888210	10.510	ppbv	100
44) 2,2,4-Trimethylpentane	7.330	57	3639727	9.577	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	859555	11.387	ppbv	95

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

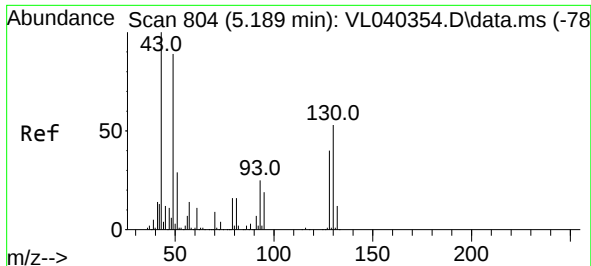
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1163733	11.076	ppbv	99
47) 1,1,2-Trichloroethane	8.909	97	924583	9.419	ppbv	98
48) Dibromochloromethane	9.722	129	1561307	9.876	ppbv	100
49) Bromoform	12.420	173	1202658	9.754	ppbv	99
50) 4-Methyl-2-Pentanone	8.189	43	2292252	10.053	ppbv	99
51) 2-Hexanone	9.558	43	1780182	10.566	ppbv	99
52) Tetrachloroethene	10.629	164	737408	10.361	ppbv	95
53) Toluene	9.230	91	2511359	10.411	ppbv	100
54) 1,2-Dibromoethane	10.018	107	994573	9.994	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.520	131	1101766	8.608	ppbv	96
57) Chlorobenzene	11.539	112	1900014	8.654	ppbv	98
58) Ethyl Benzene	12.102	91	3376510	9.789	ppbv	98
59) m/p-Xylene	12.388	91	5825624m	18.366	ppbv	
60) o-Xylene	13.073	91	2785159	9.149	ppbv	100
61) Styrene	12.912	104	1605340	10.527	ppbv	99
62) Isopropylbenzene	14.044	105	3907264	8.912	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	852165	7.649	ppbv	99
64) n-propylbenzene	14.931	120	995251	9.226	ppbv	97
65) tert-Butylbenzene	16.108	119	3438211	8.914	ppbv	99
66) Benzyl Chloride	16.339	91	236362m	9.897	ppbv	
67) sec-Butylbenzene	16.651	105	4962653	8.957	ppbv	100
69) p-Isopropyltoluene	17.008	119	4031359	9.319	ppbv	99
70) n-Butylbenzene	17.902	91	4516629	9.418	ppbv	100
71) 2-Chlorotoluene	14.815	91	3017674	8.965	ppbv	100
72) 4-Ethyltoluene	15.208	105	3193891	9.504	ppbv	100
73) 1,3,5-Trimethylbenzene	15.365	105	2879587	9.276	ppbv	97
74) 1,2,4-Trimethylbenzene	16.124	105	3158195	8.901	ppbv	96
75) 1,3-Dichlorobenzene	16.346	146	1738707	8.946	ppbv	100
76) 1,4-Dichlorobenzene	16.487	146	1707270	8.891	ppbv	99
77) 1,2-Dichlorobenzene	17.159	146	1712561	8.911	ppbv	100
78) Hexachloro-1,3-Butadiene	22.651	225	1401389	9.096	ppbv	100
79) Naphthalene	21.400	128	3113725m	13.000	ppbv	
80) Naphthalene,2-methyl-	24.387	142	939953	13.184	ppbv	98
81) 1,2,4-Trichlorobenzene	21.156	180	1598093	10.858	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.192 min Scan# 80

Delta R.T. 0.003 min

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Tgt Ion: 49 Resp: 111059

Ion Ratio Lower Upper

49 100

128 48.0 23.7 71.1

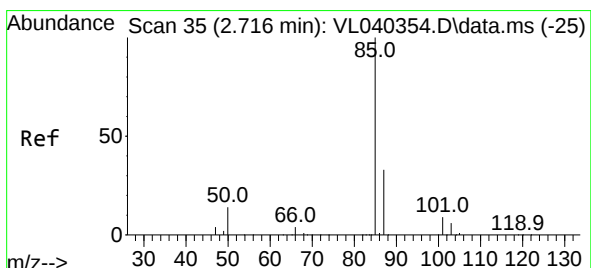
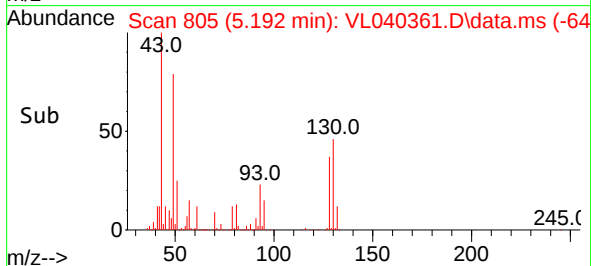
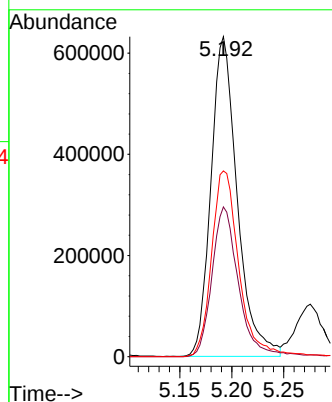
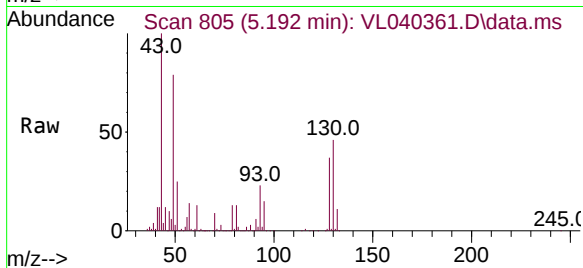
130 60.8 29.9 89.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#2

Dichlorodifluoromethane

Concen: 8.049 ppbv

RT: 2.719 min Scan# 36

Delta R.T. 0.003 min

Lab File: VL040361.D

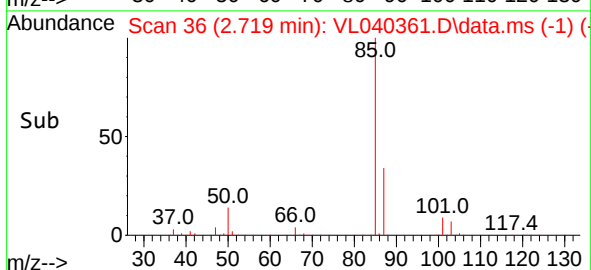
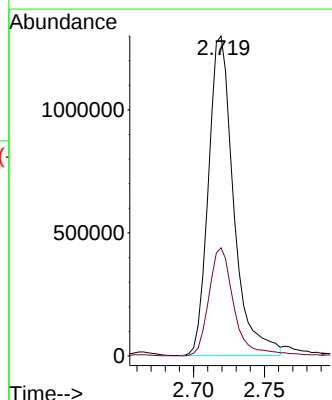
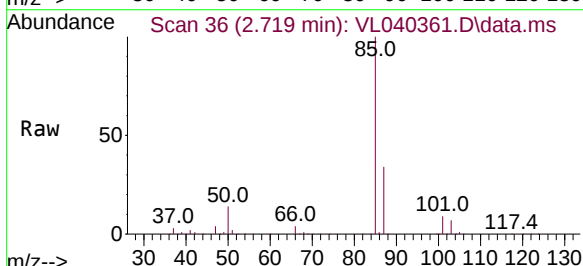
Acq: 13 Apr 2023 14:56

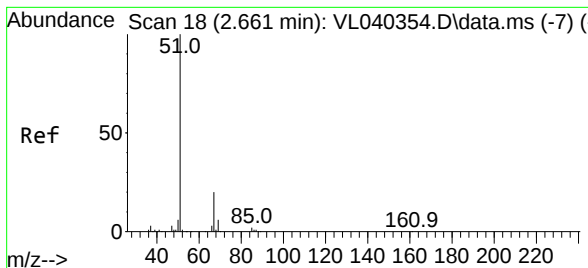
Tgt Ion: 85 Resp: 1611653

Ion Ratio Lower Upper

85 100

87 33.8 26.6 40.0





#3

Chlorodifluoromethane

Concen: 8.918 ppbv

RT: 2.665 min Scan# 19

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL041323

Tgt Ion: 51 Resp: 1294158

Ion Ratio Lower Upper

51 100

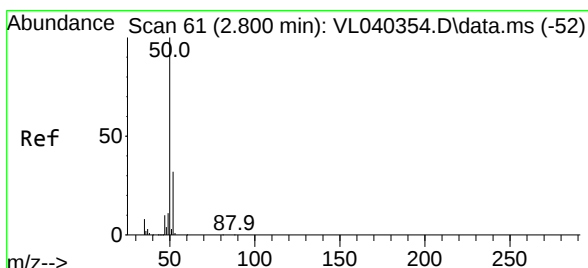
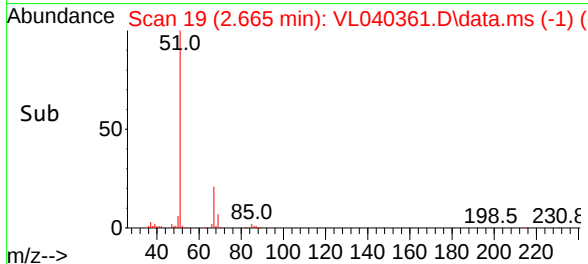
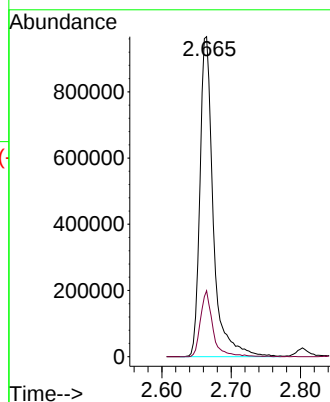
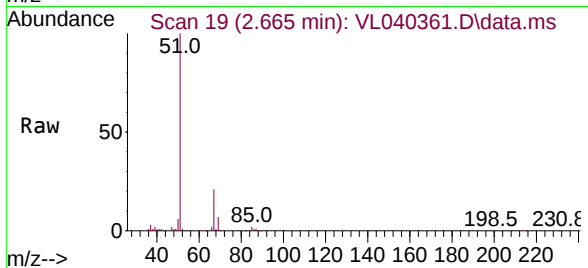
67 19.3 15.5 23.3

Manual Integrations

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Supervised By :Mahesh Dadoda 04/14/2023



#4

Chloromethane

Concen: 9.082 ppbv

RT: 2.803 min Scan# 62

Delta R.T. 0.003 min

Lab File: VL040361.D

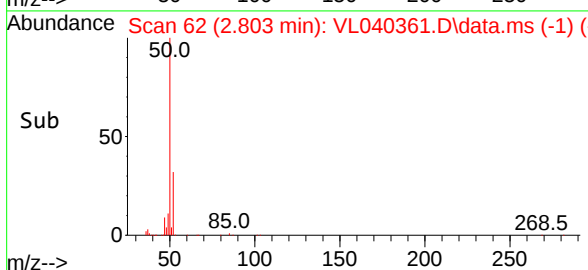
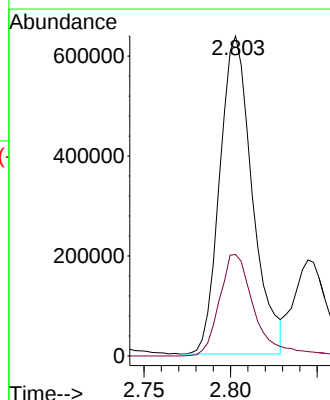
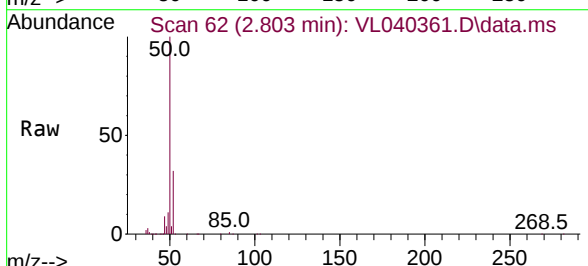
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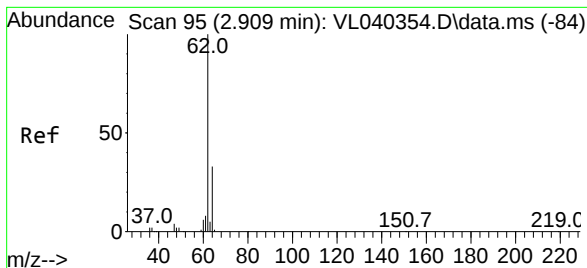
Tgt Ion: 50 Resp: 832628

Ion Ratio Lower Upper

50 100

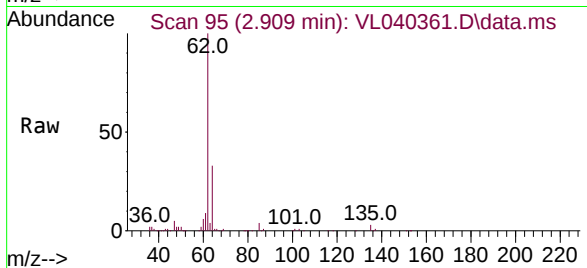
52 31.9 25.3 37.9





#5
 Vinyl Chloride
 Concen: 9.582 ppbv
 RT: 2.909 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

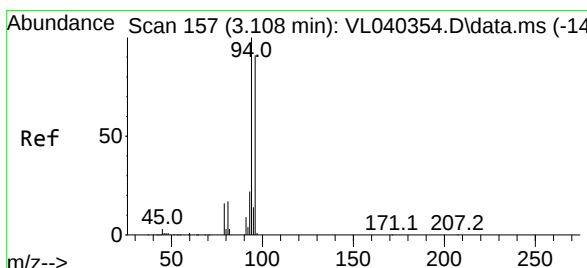
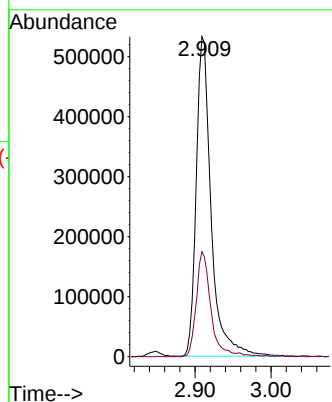
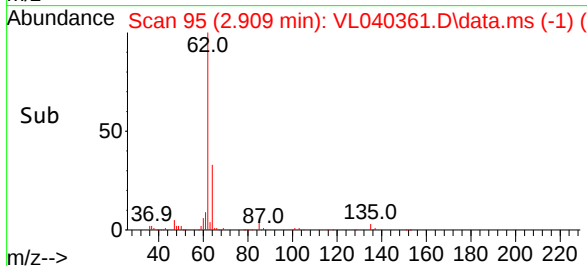
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL041323



Tgt Ion: 62 Resp: 72513
 Ion Ratio Lower Upper
 62 100
 64 32.9 26.3 39.5

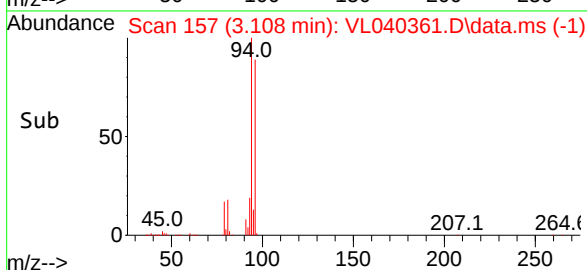
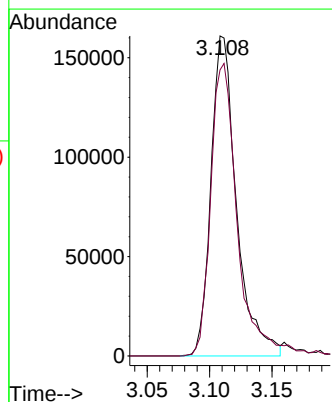
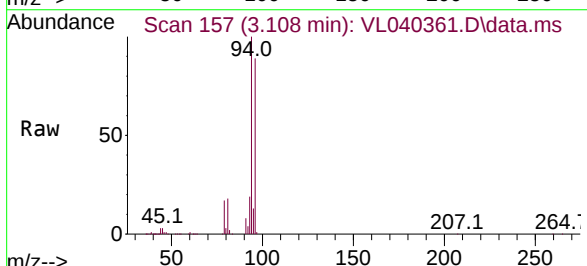
Manual Integrations
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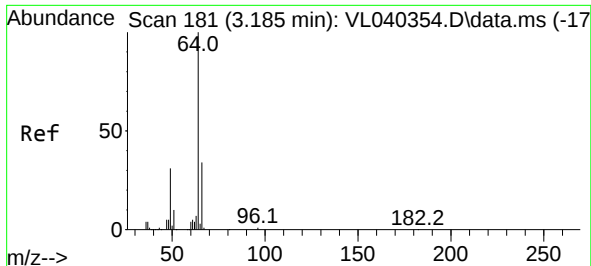
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#6
 Bromomethane
 Concen: 9.219 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.000 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

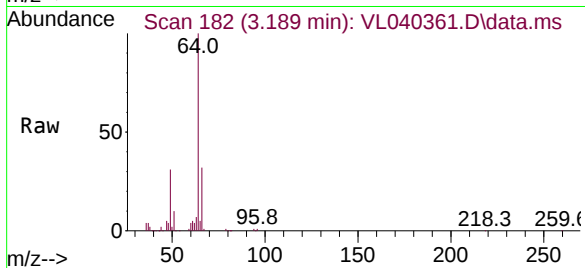
Tgt Ion: 94 Resp: 229857
 Ion Ratio Lower Upper
 94 100
 96 89.4 72.6 108.8





#7
Chloroethane
Concen: 9.411 ppbv
RT: 3.189 min Scan# 181
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

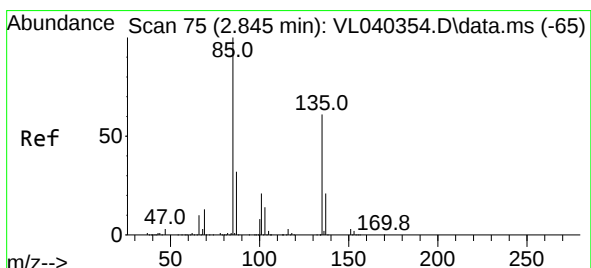
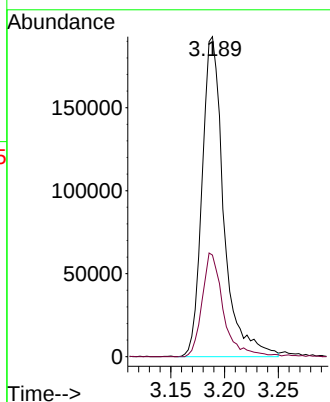
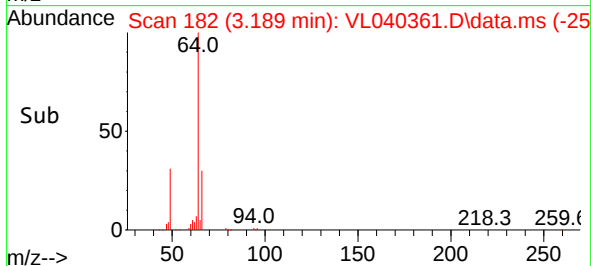
Instrument : MSVOA_L
ClientSampleId : ICVVL041323



Tgt Ion: 64 Resp: 269664
Ion Ratio Lower Upper
64 100
66 31.8 27.5 41.3

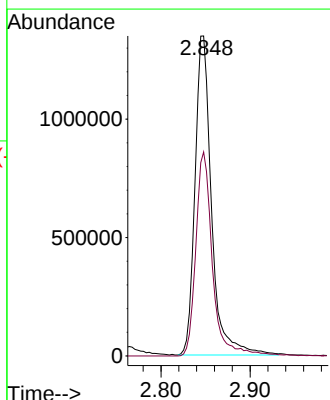
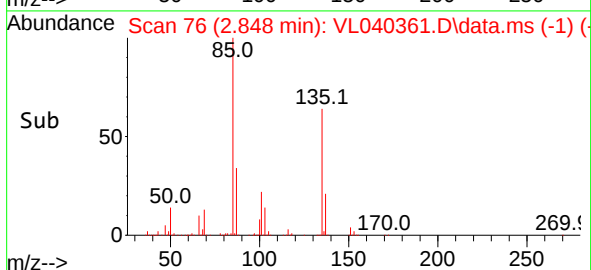
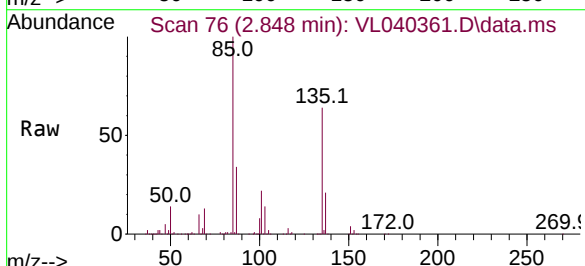
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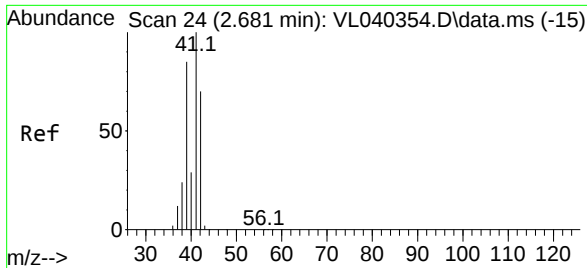
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#8
Dichlorotetrafluoroethane
Concen: 8.900 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

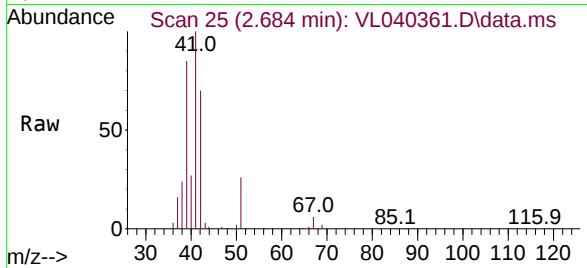
Tgt Ion: 85 Resp: 1741711
Ion Ratio Lower Upper
85 100
135 64.8 50.7 76.1





#9
 Propene
 Concen: 9.482 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

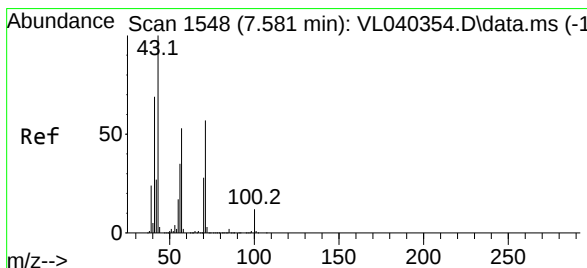
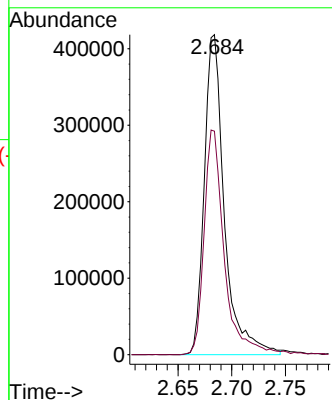
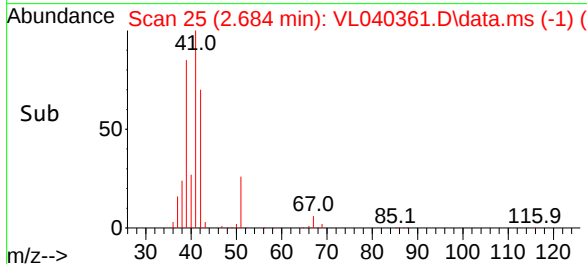
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL041323



Tgt Ion: 41 Resp: 543650
 Ion Ratio Lower Upper
 41 100
 42 71.2 56.5 84.7

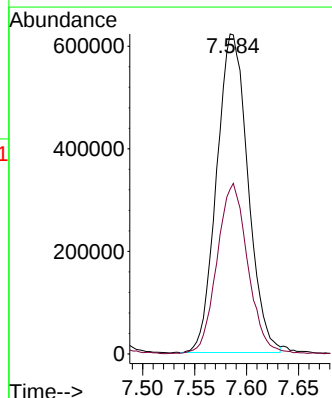
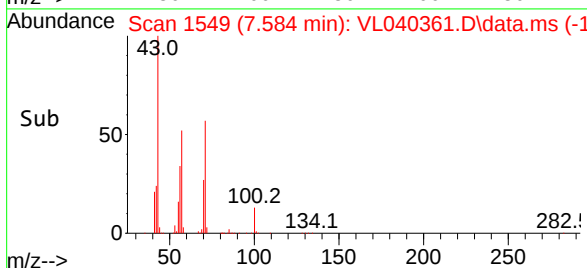
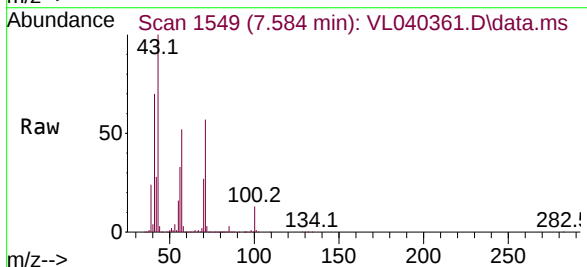
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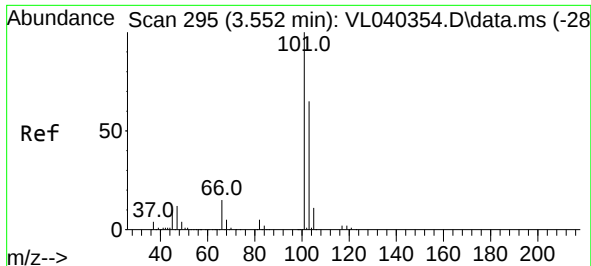
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#10
 Heptane
 Concen: 9.987 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

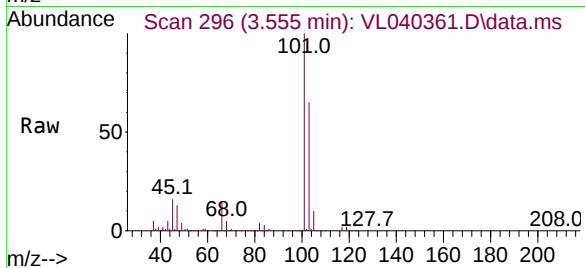
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 Ion Ratio Lower Upper
 43 100
 57 52.7 42.2 63.4





#11
 Trichlorofluoromethane
 Concen: 8.659 ppbv
 RT: 3.555 min Scan# 295
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

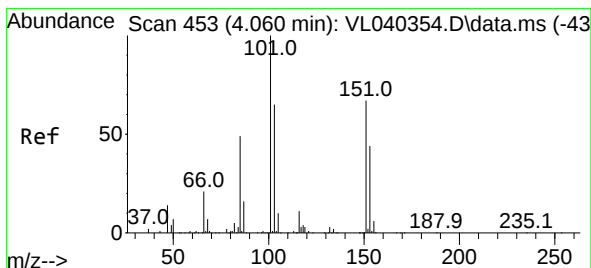
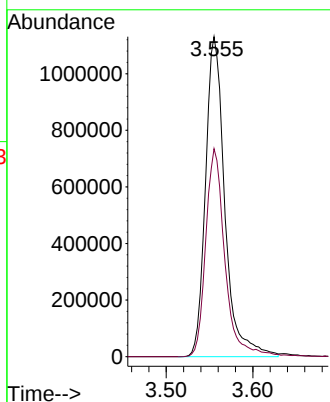
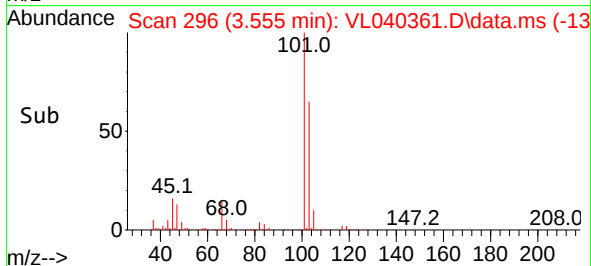
Instrument : MSVOA_L
 ClientSampleId : ICVVL041323



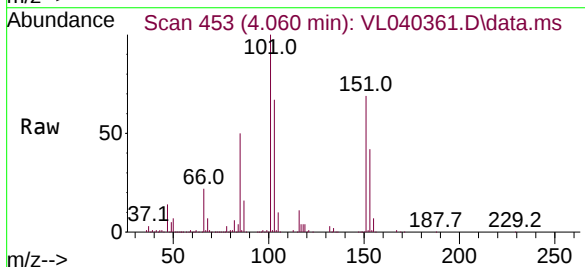
Tgt Ion:101 Resp: 1755154
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.4

Manual Integrations
 APPROVED

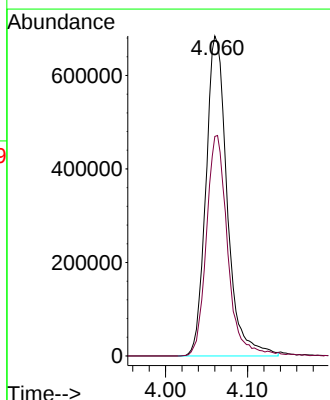
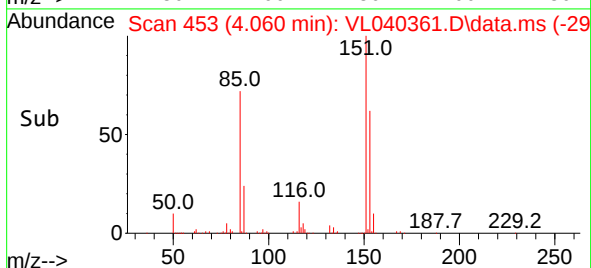
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

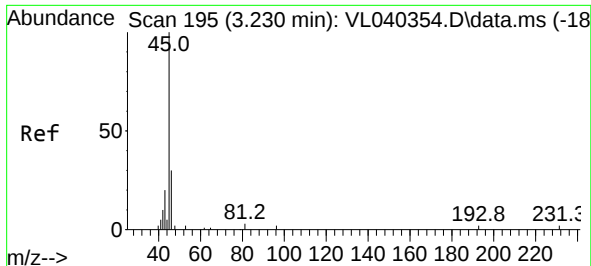


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.723 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56



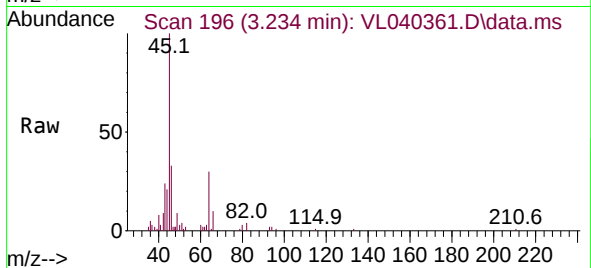
Tgt Ion:101 Resp: 1236674
 Ion Ratio Lower Upper
 101 100
 151 69.2 54.7 82.1





#13
Ethanol
Concen: 9.569 ppbv m
RT: 3.234 min Scan# 195
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

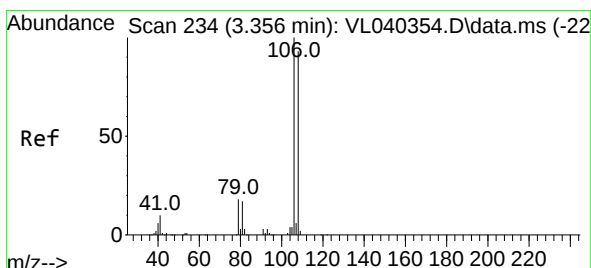
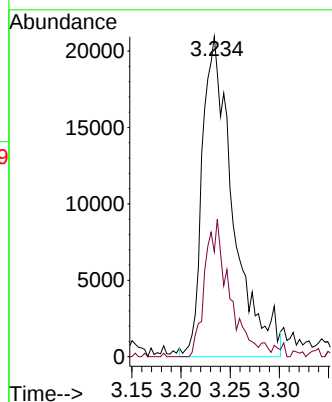
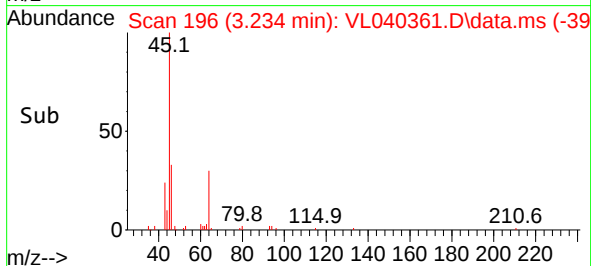
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



Tgt Ion: 45 Resp: 45798
Ion Ratio Lower Upper
45 100
46 35.5 15.3 61.3

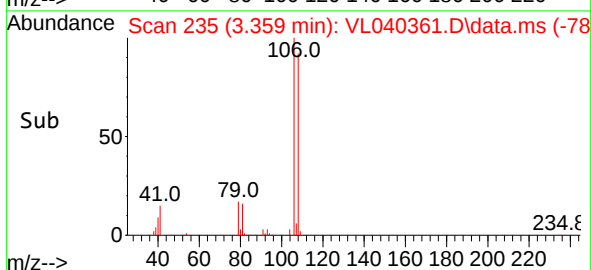
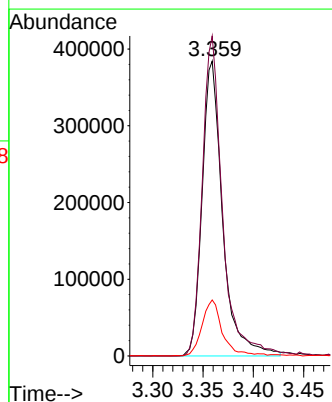
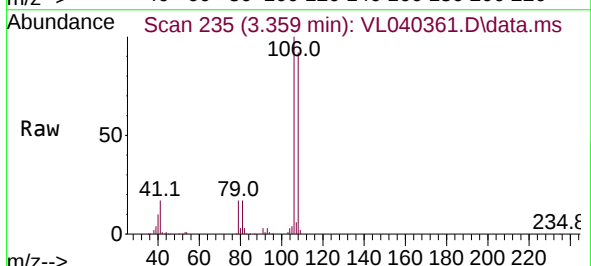
Manual Integrations
APPROVED

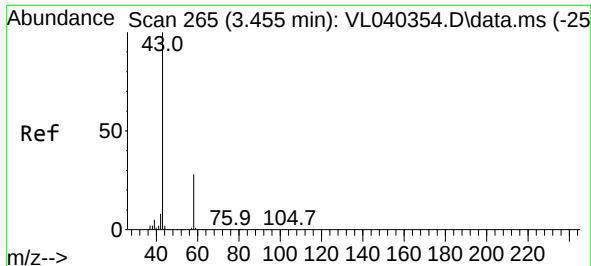
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#14
Bromoethene
Concen: 9.415 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

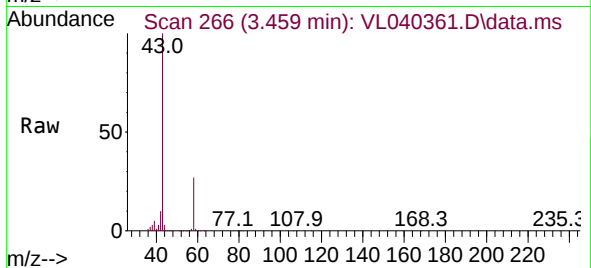
Tgt Ion:108 Resp: 545840
Ion Ratio Lower Upper
108 100
106 108.1 88.3 132.5
79 20.0 16.1 24.1





#15
Acetone
Concen: 7.803 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

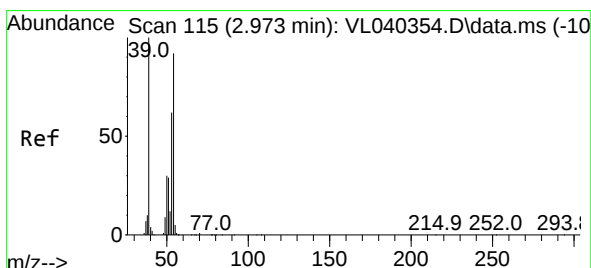
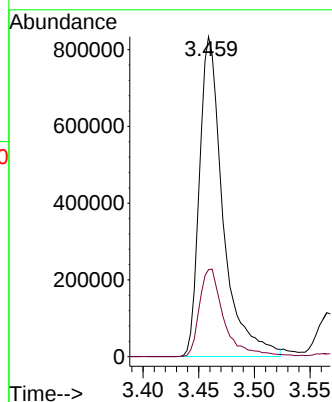
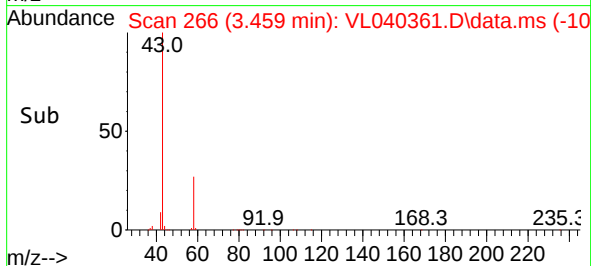
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



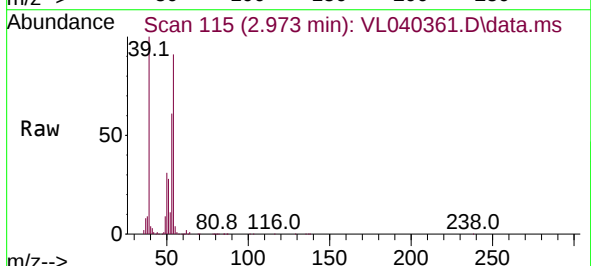
Tgt Ion: 43 Resp: 1227360
Ion Ratio Lower Upper
43 100
58 28.9 22.2 33.2

Manual Integrations
APPROVED

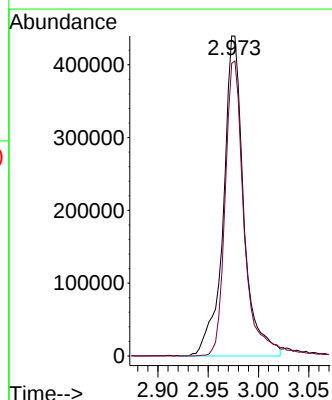
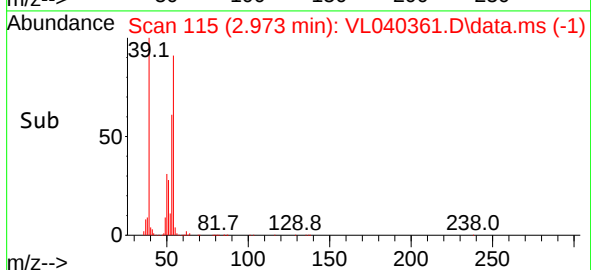
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

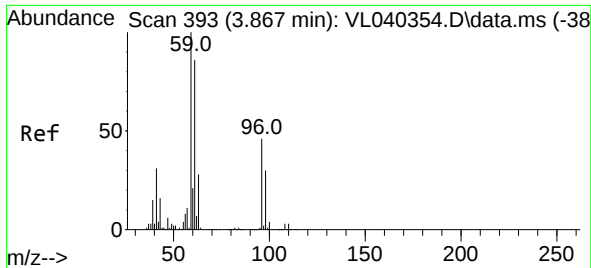


#16
1,3-Butadiene
Concen: 9.574 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56



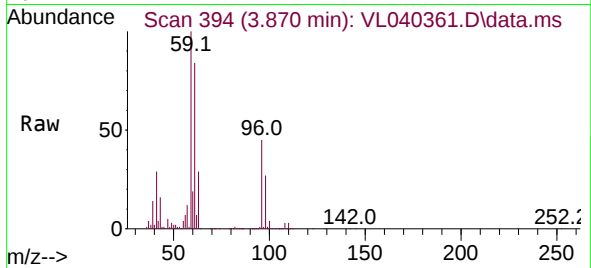
Tgt Ion: 39 Resp: 623256
Ion Ratio Lower Upper
39 100
54 87.3 68.8 103.2





#17
tert-Butyl alcohol
Concen: 9.597 ppbv
RT: 3.870 min Scan# 393
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

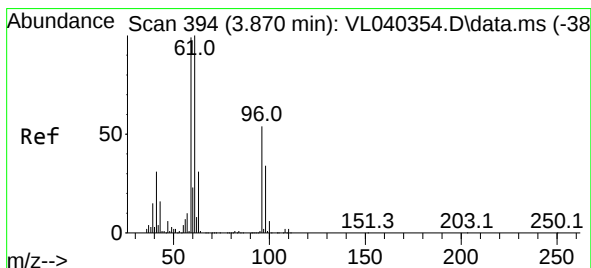
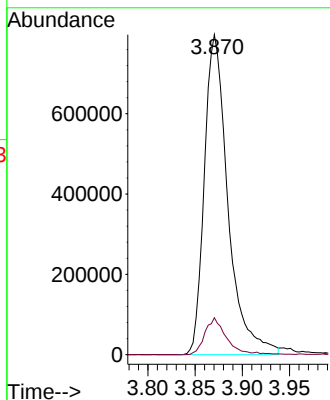
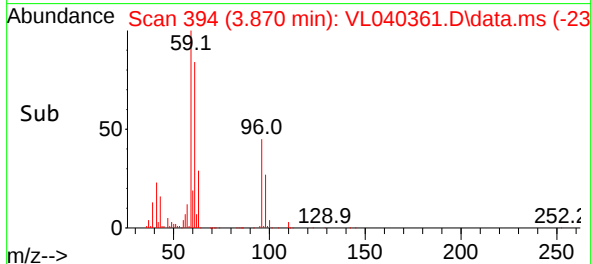
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



Tgt Ion: 59 Resp: 138634
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

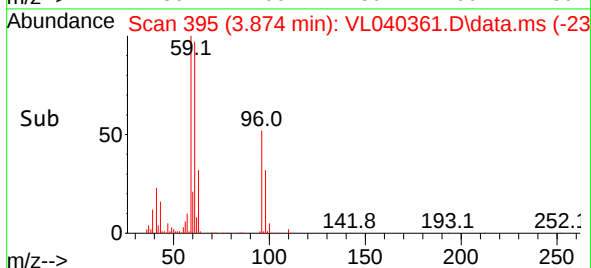
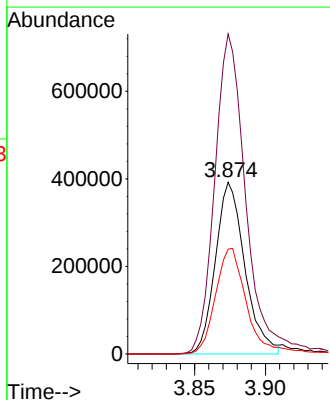
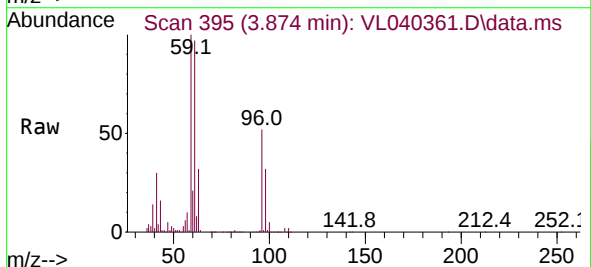
Manual Integrations
APPROVED

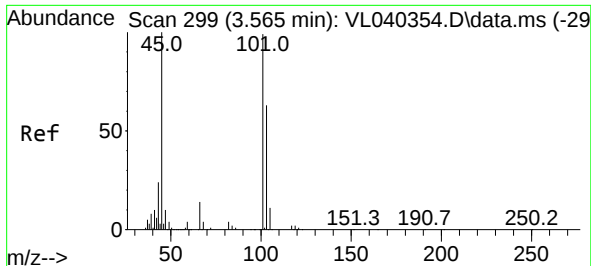
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#18
1,1-Dichloroethene
Concen: 8.890 ppbv
RT: 3.874 min Scan# 395
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 96 Resp: 568472
Ion Ratio Lower Upper
96 100
61 186.3 148.3 222.5
98 61.0 49.8 74.8





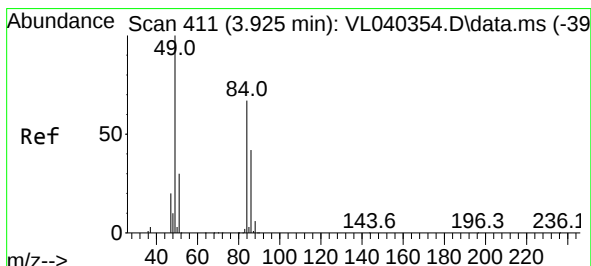
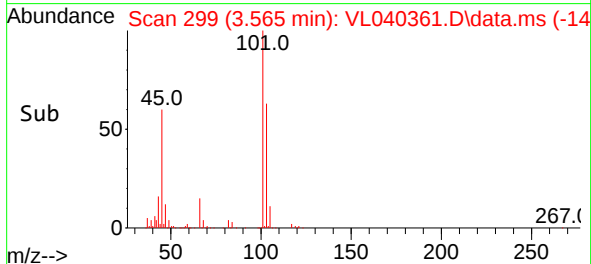
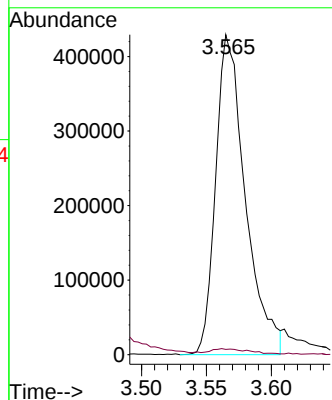
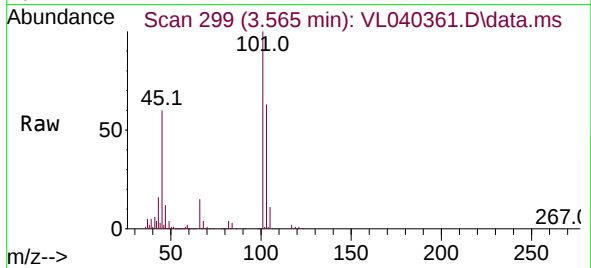
#19
Isopropyl Alcohol
Concen: 9.488 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323

Tgt Ion: 45 Resp: 68099
Ion Ratio Lower Upper
45 100
58 2.8 2.6 4.0

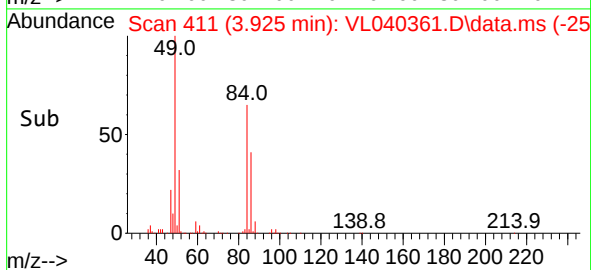
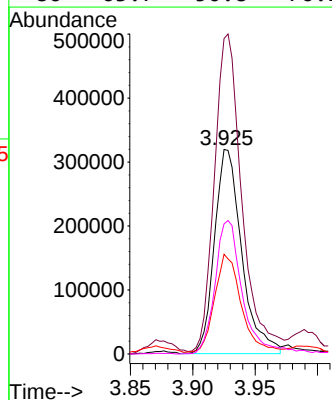
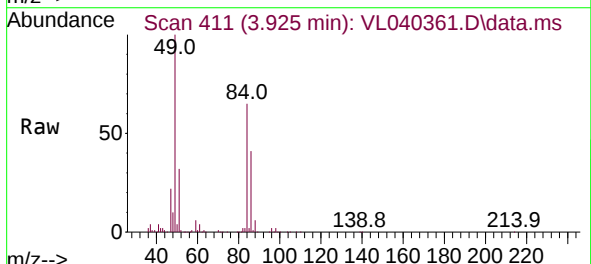
Manual Integrations
APPROVED

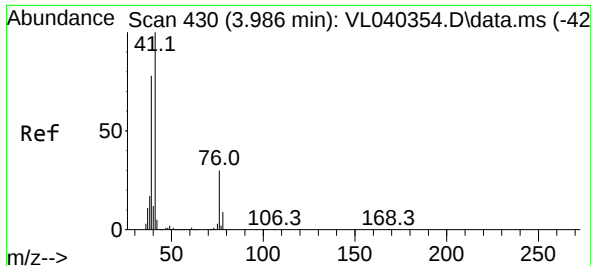
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#20
Methylene Chloride
Concen: 7.749 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 84 Resp: 486661
Ion Ratio Lower Upper
84 100
49 152.6 120.1 180.1
51 47.4 36.3 54.5
86 63.7 50.8 76.2





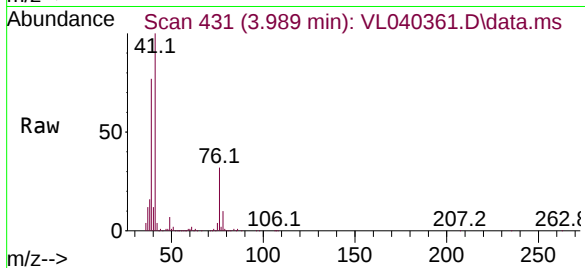
#21
 Allyl Chloride
 Concen: 9.482 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_L

ClientSampleId :

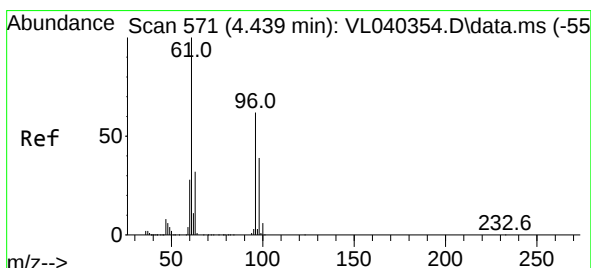
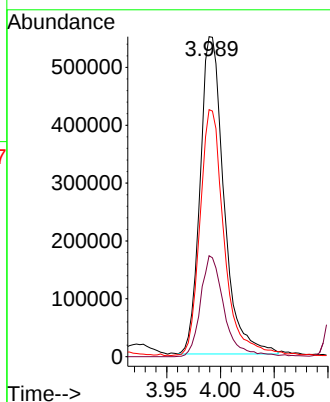
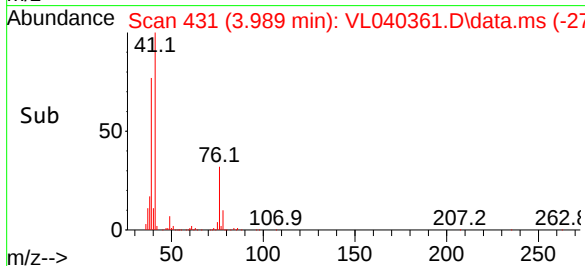
ICVVL041323



Tgt Ion: 41 Resp: 84747
 Ion Ratio Lower Upper
 41 100
 76 31.6 25.5 38.3
 39 79.1 64.0 96.0

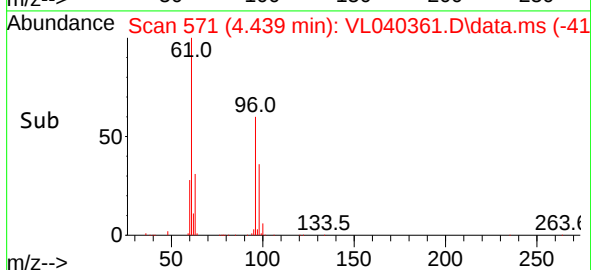
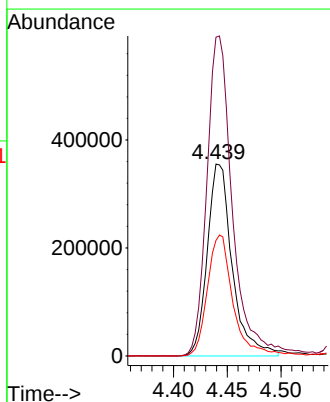
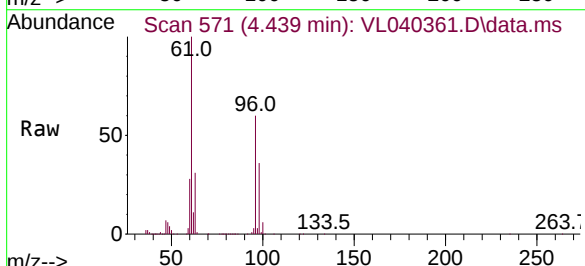
Manual Integrations
 APPROVED

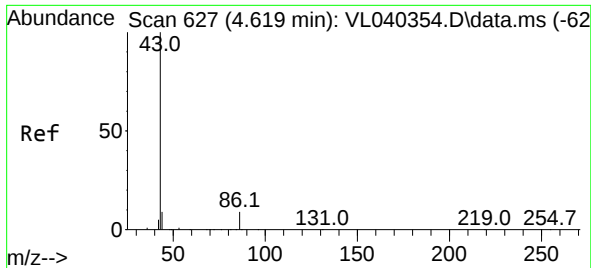
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#22
 trans-1,2-Dichloroethene
 Concen: 8.987 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

Tgt Ion: 96 Resp: 574517
 Ion Ratio Lower Upper
 96 100
 61 166.1 129.4 194.2
 98 60.2 51.0 76.4





#23
 Vinyl Acetate
 Concen: 9.326 ppbv
 RT: 4.623 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_L

ClientSampleId :

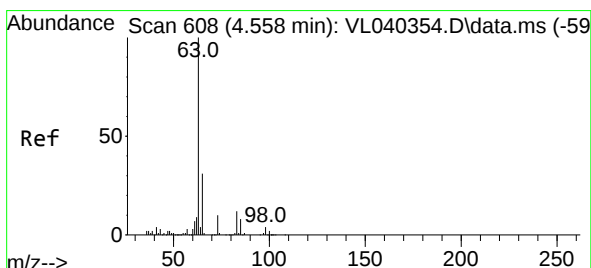
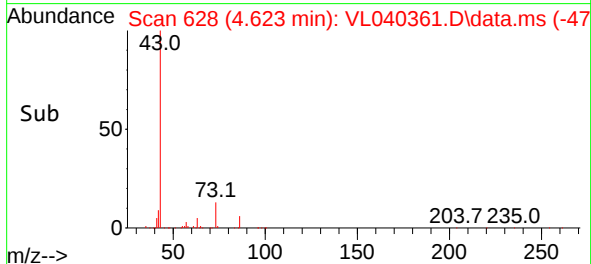
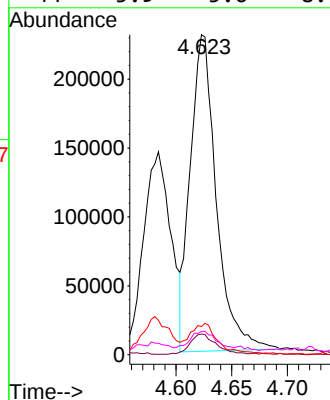
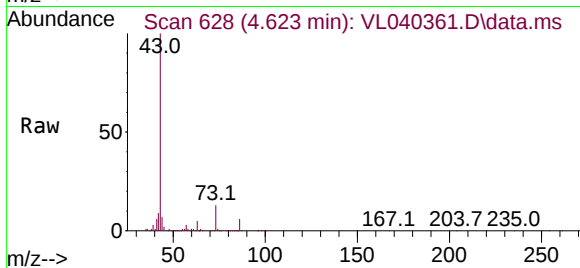
ICVVL041323

Tgt Ion: 43 Resp: 373499
 Ion Ratio Lower Upper
 43 100
 86 6.1 6.0 9.0
 42 8.5 6.4 9.6
 44 5.9 5.6 8.4

Manual Integrations

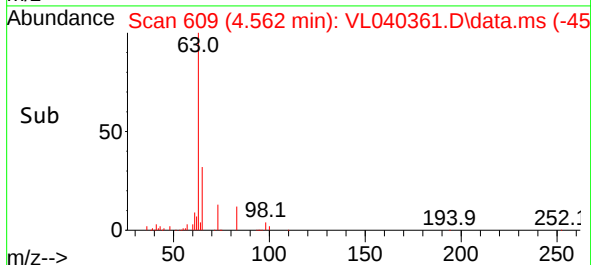
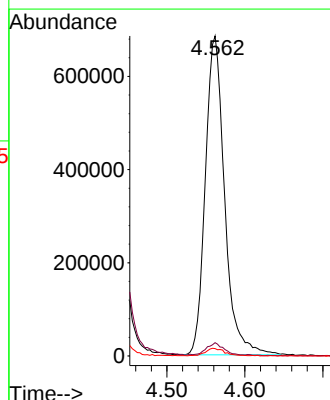
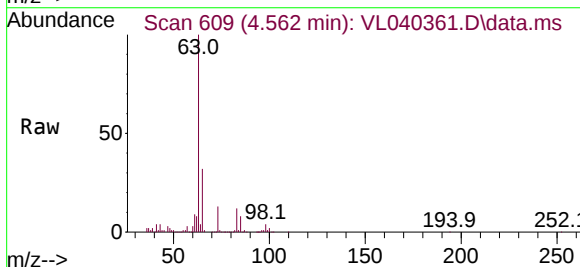
APPROVED

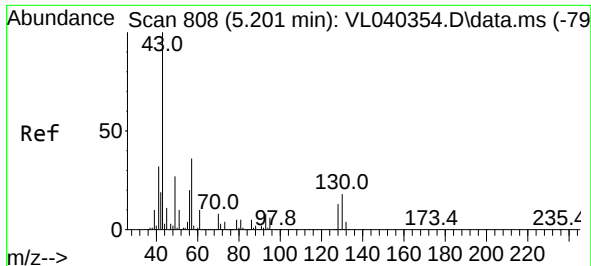
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#24
 1,1-Dichloroethane
 Concen: 8.818 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

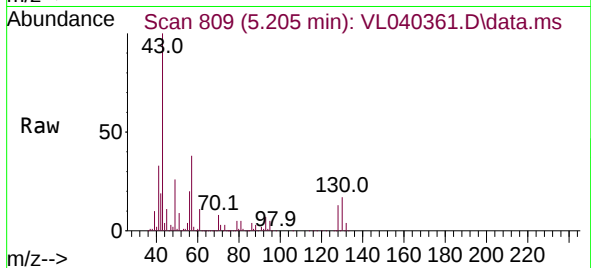
Tgt Ion: 63 Resp: 1175392
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.1 6.2
 100 2.2 1.2 3.6





#25
Ethyl Acetate
Concen: 9.467 ppbv
RT: 5.205 min Scan# 808
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323

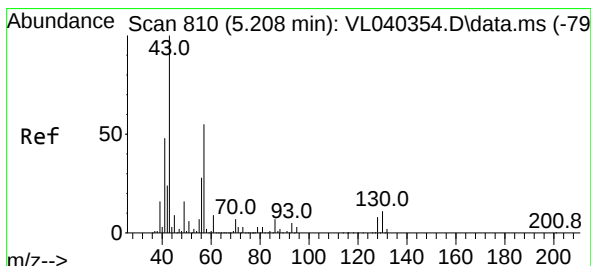
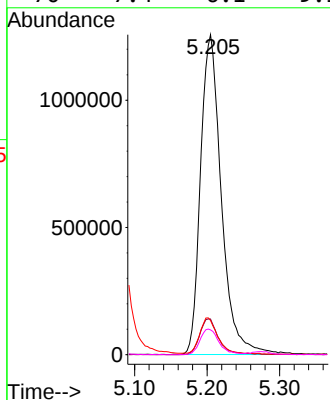
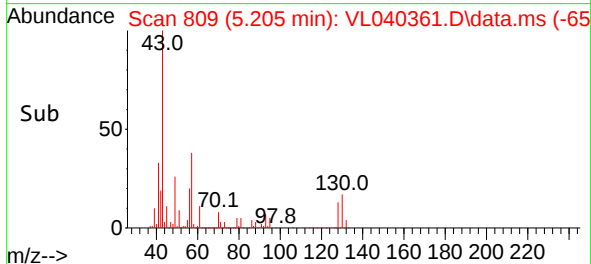


Tgt Ion: 43 Resp: 250589

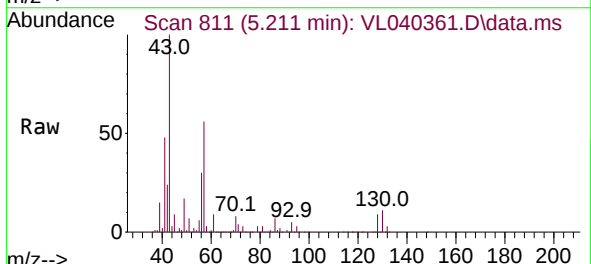
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.6	8.5	12.7
70	7.4	6.1	9.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

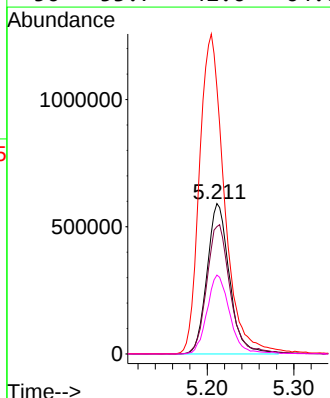
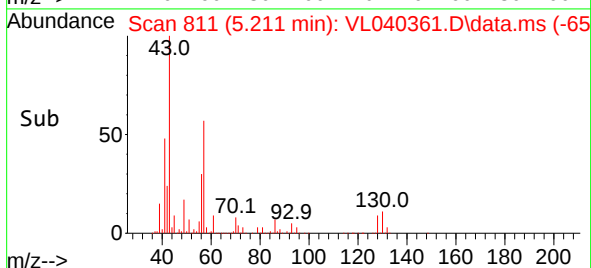


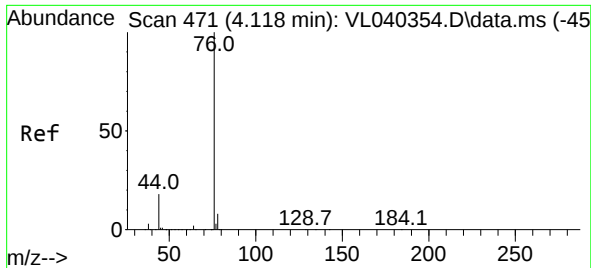
#26
Hexane
Concen: 9.509 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56



Tgt Ion: 57 Resp: 1061079

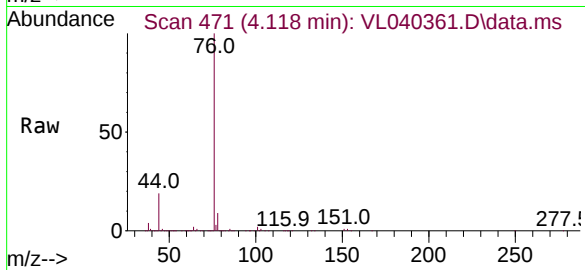
Ion	Ratio	Lower	Upper
57	100		
41	91.2	74.8	112.2
43	238.4	192.7	289.1
56	53.7	42.6	64.0





#27
Carbon Disulfide
Concen: 9.764 ppbv
RT: 4.118 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

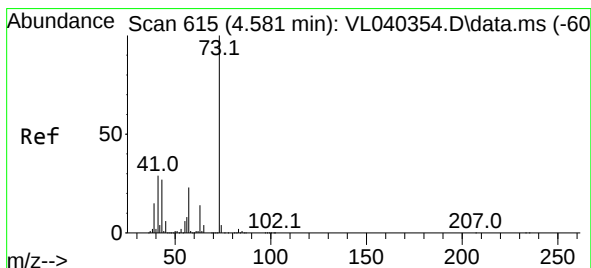
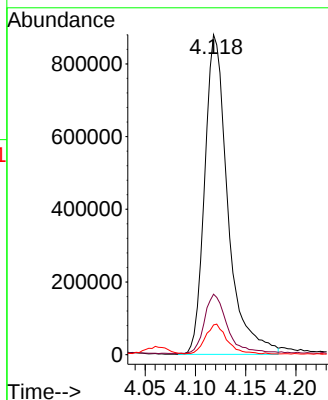
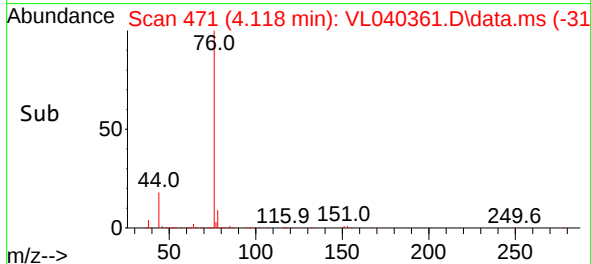
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



Tgt Ion: 76 Resp: 1409915
Ion Ratio Lower Upper
76 100
44 18.8 14.7 22.1
78 10.0 7.7 11.5

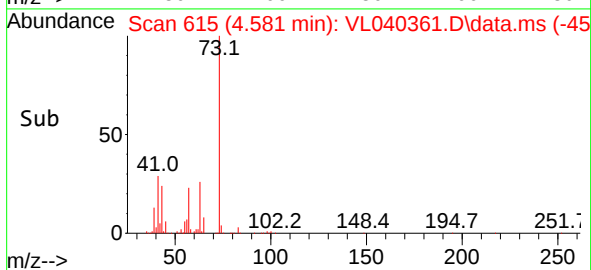
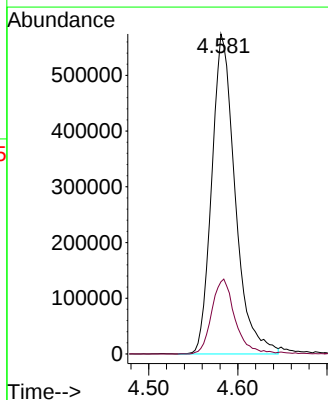
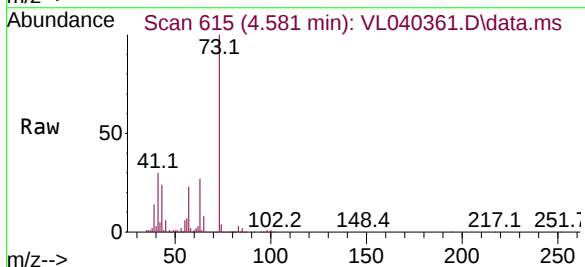
Manual Integrations
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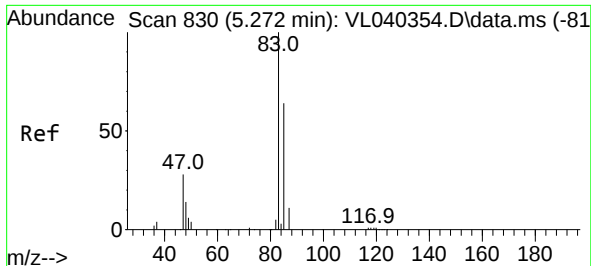
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#28
Methyl tert-Butyl Ether
Concen: 9.098 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 73 Resp: 1047928
Ion Ratio Lower Upper
73 100
57 23.6 18.6 27.8





#29

Chloroform

Concen: 9.074 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL041323

Tgt Ion: 83 Resp: 180368

Ion Ratio Lower Upper

83 100

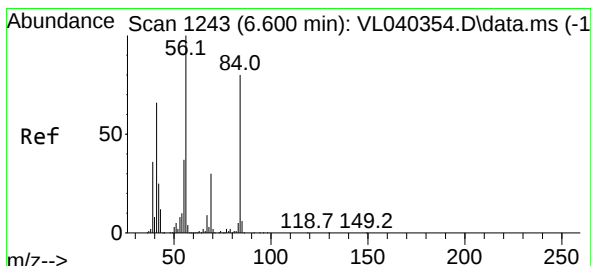
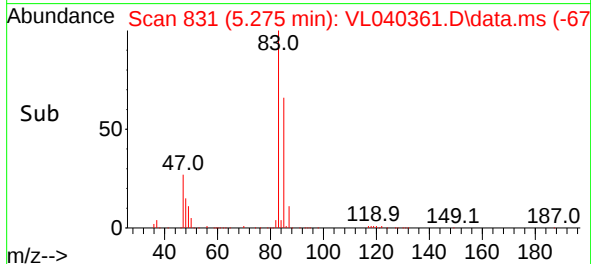
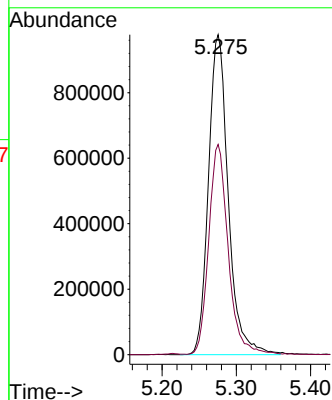
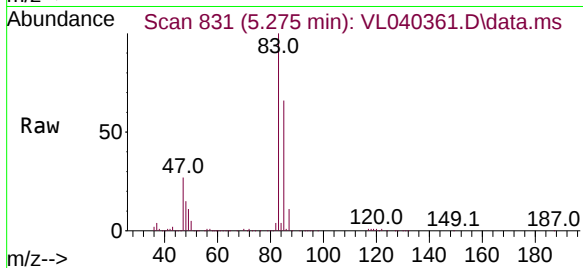
85 65.5 51.0 76.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#30

Cyclohexane

Concen: 10.170 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.010 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

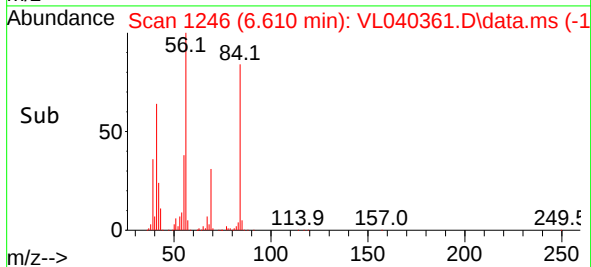
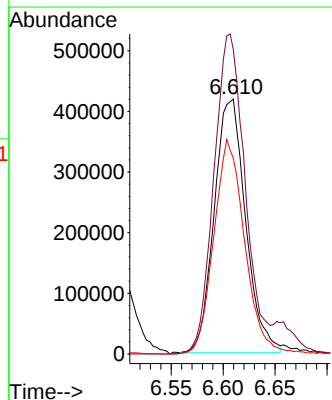
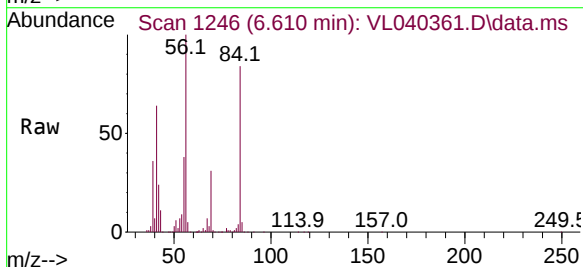
Tgt Ion: 84 Resp: 878902

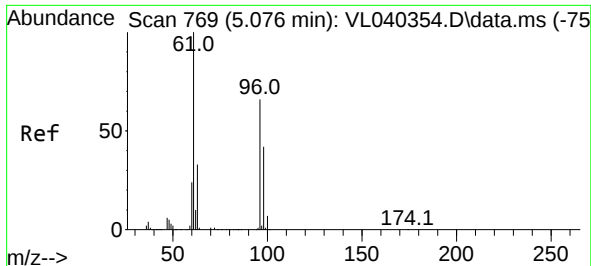
Ion Ratio Lower Upper

84 100

56 134.6 107.0 160.6

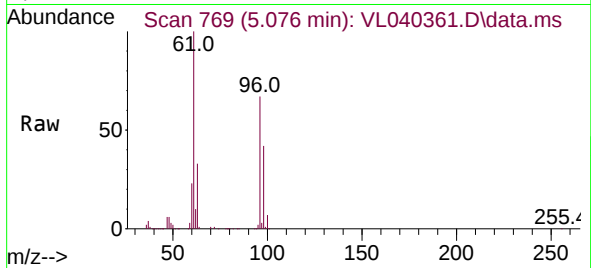
41 83.5 66.7 100.1





#31
 cis-1,2-Dichloroethene
 Concen: 10.062 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

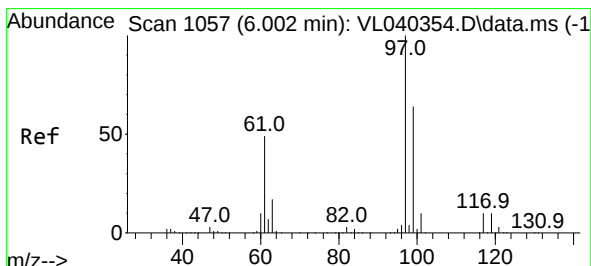
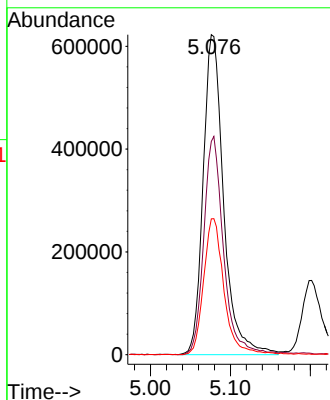
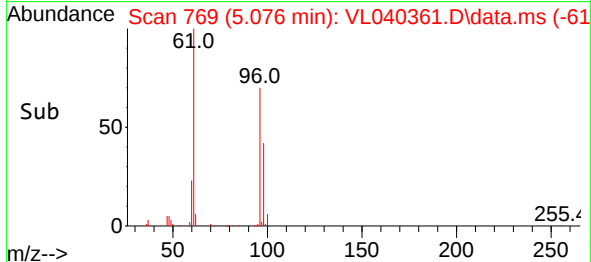
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL041323



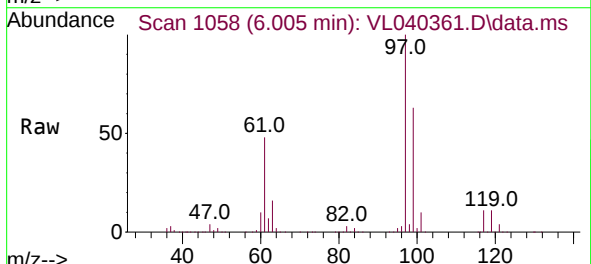
Tgt Ion: 61 Resp: 1112900
 Ion Ratio Lower Upper
 61 100
 96 66.6 53.0 79.4
 98 42.5 33.8 50.8

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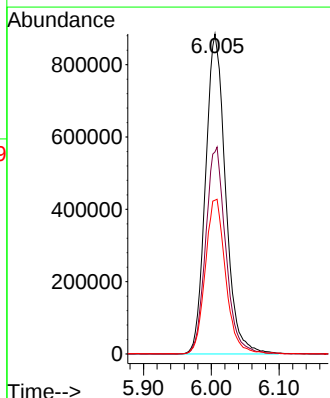
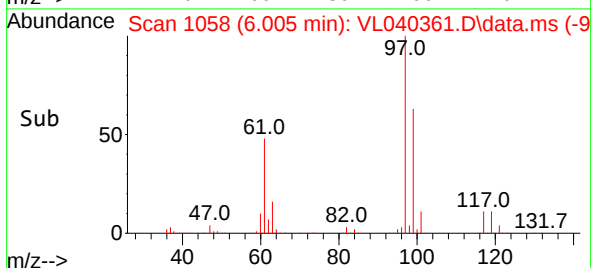
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

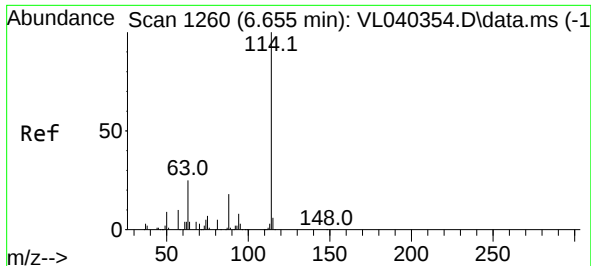


#32
 1,1,1-Trichloroethane
 Concen: 9.393 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56



Tgt Ion: 97 Resp: 1814158
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.8 77.8
 61 49.5 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040361.D

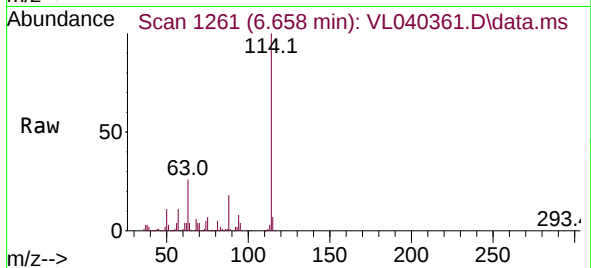
Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL041323



Tgt Ion:114 Resp: 2788770

Ion Ratio Lower Upper

114 100

63 26.1 21.4 32.0

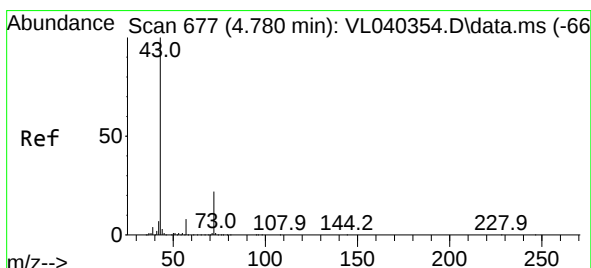
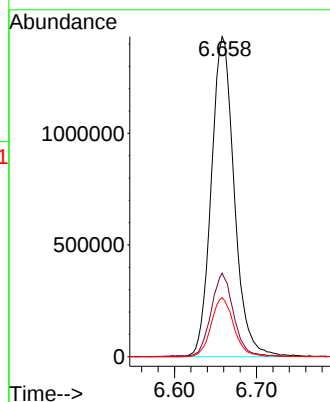
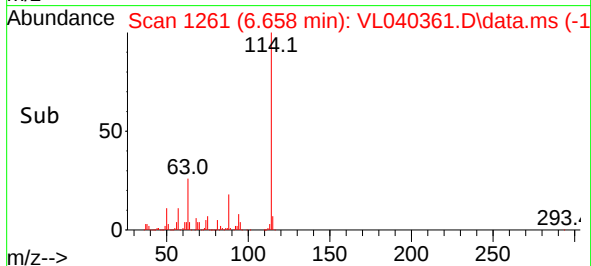
88 18.3 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#34

2-Butanone

Concen: 9.822 ppbv

RT: 4.784 min Scan# 678

Delta R.T. 0.003 min

Lab File: VL040361.D

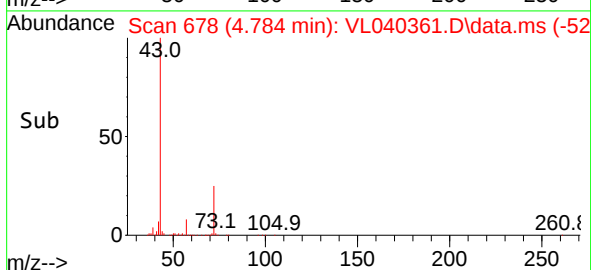
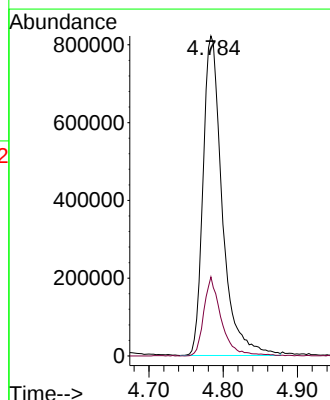
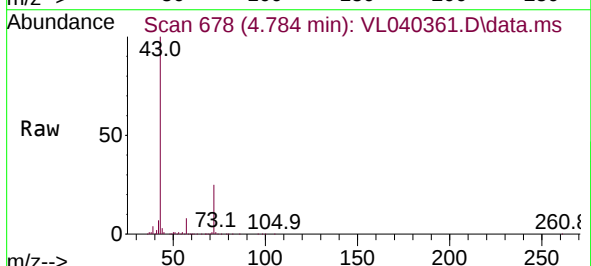
Acq: 13 Apr 2023 14:56

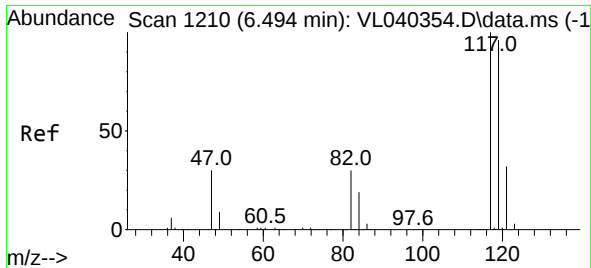
Tgt Ion: 43 Resp: 1477004

Ion Ratio Lower Upper

43 100

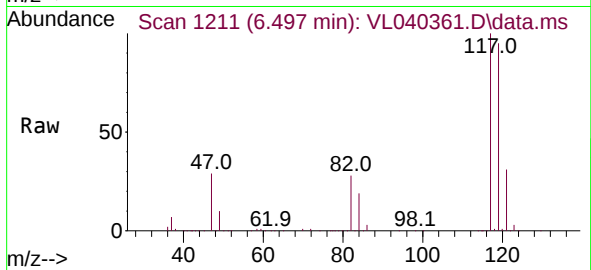
72 22.9 18.4 27.6





#35
Carbon Tetrachloride
Concen: 9.438 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

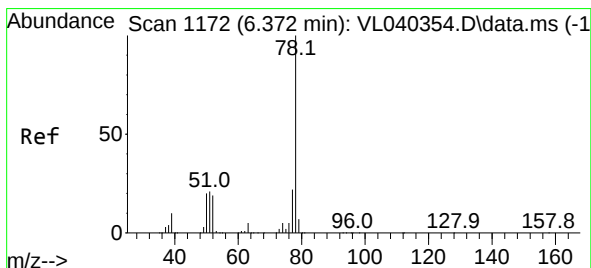
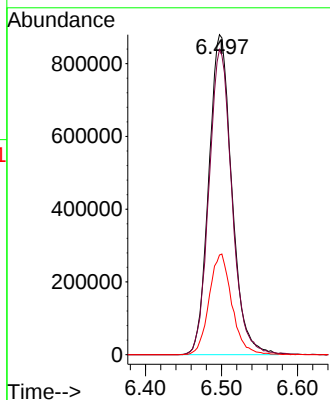
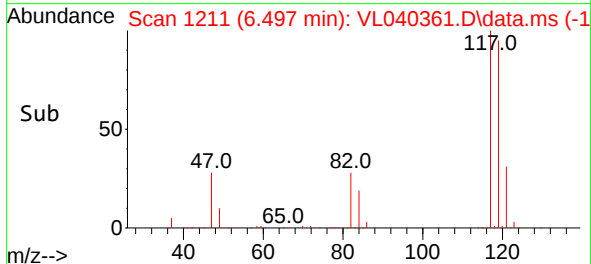
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



Tgt Ion: 117 Resp: 1852832
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
121 31.1 25.3 37.9

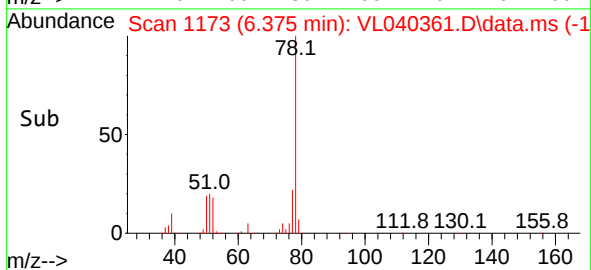
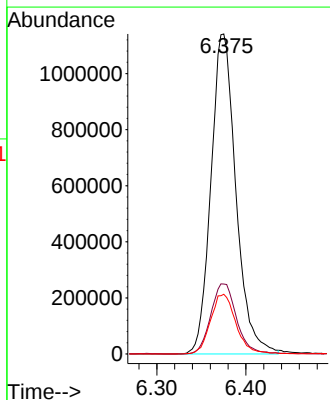
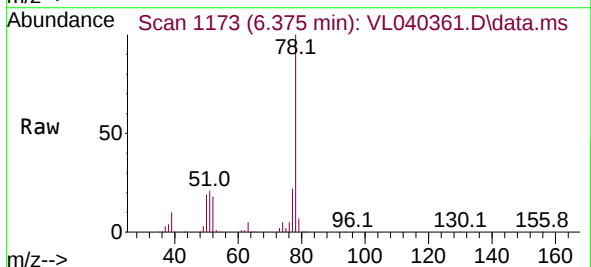
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APPROVED

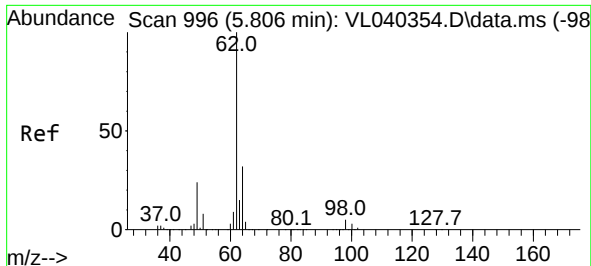
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#36
Benzene
Concen: 9.759 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 78 Resp: 2220424
Ion Ratio Lower Upper
78 100
77 21.8 17.8 26.8
50 18.7 15.6 23.4





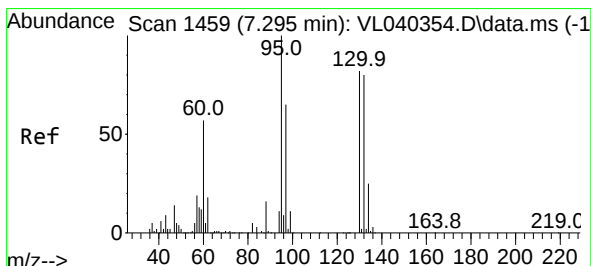
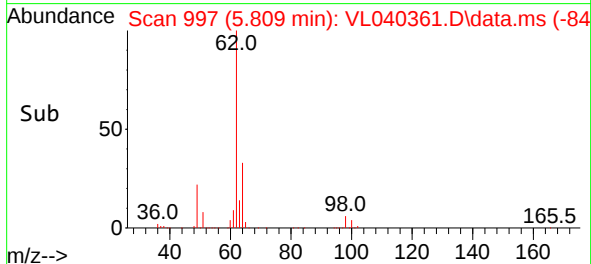
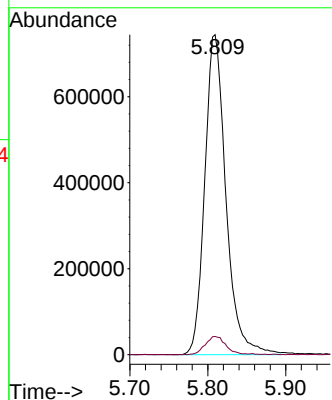
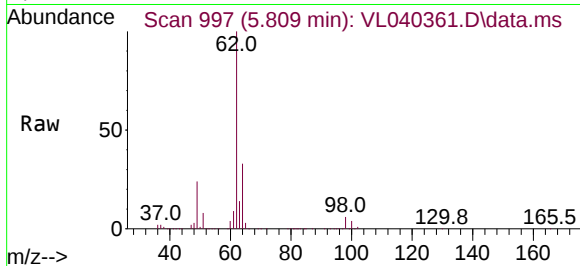
#37
1,2-Dichloroethane
Concen: 9.408 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323

Tgt Ion: 62 Resp: 140602
Ion Ratio Lower Upper
62 100
98 5.6 4.4 6.6

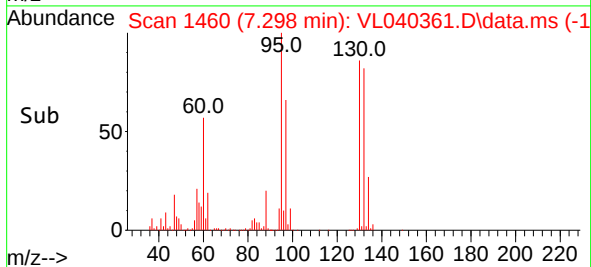
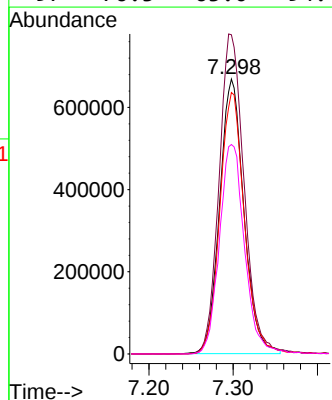
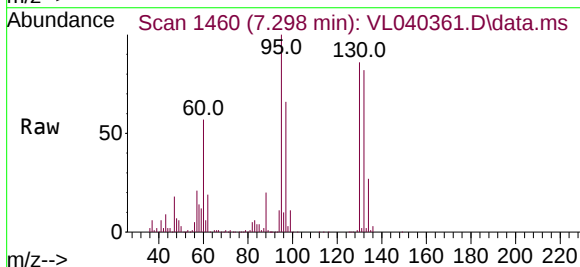
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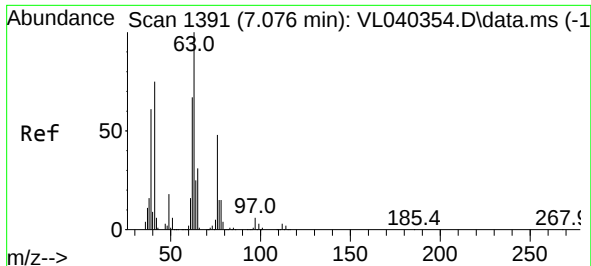
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#38
Trichloroethene
Concen: 10.279 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion:130 Resp: 1331064
Ion Ratio Lower Upper
130 100
95 116.3 97.4 146.0
132 95.2 77.5 116.3
97 76.3 63.0 94.4





#39

1,2-Dichloropropane

Concen: 9.584 ppbv

RT: 7.079 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_L

ClientSampleId :

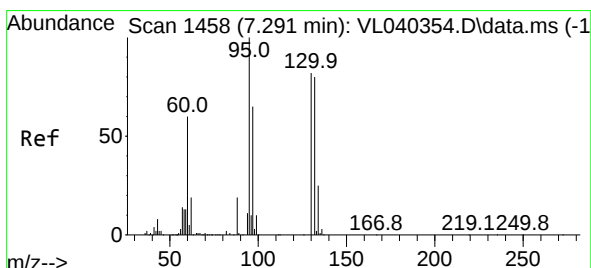
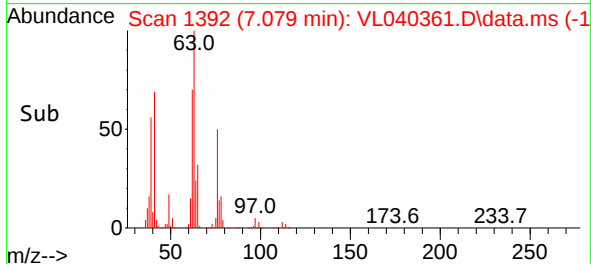
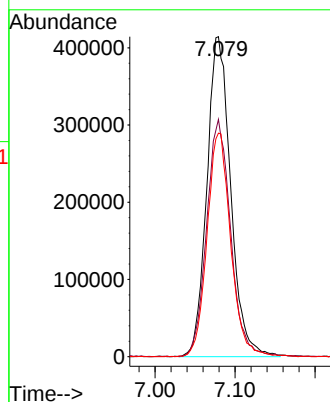
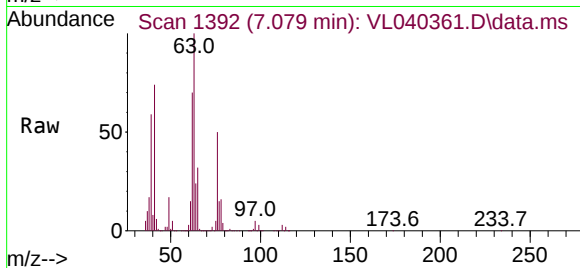
ICVVL041323

Tgt Ion: 63	Resp: 85804
Ion Ratio	Lower Upper
63 100	
41 74.0	59.6 89.4
62 69.6	53.9 80.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#40

1,4-Dioxane

Concen: 10.371 ppbv

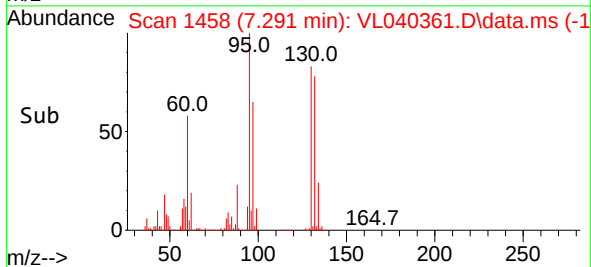
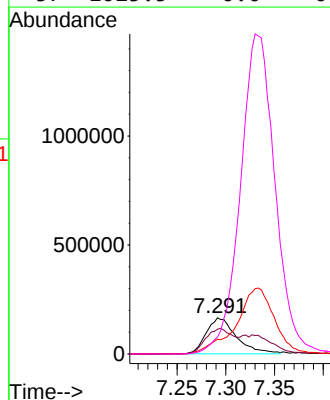
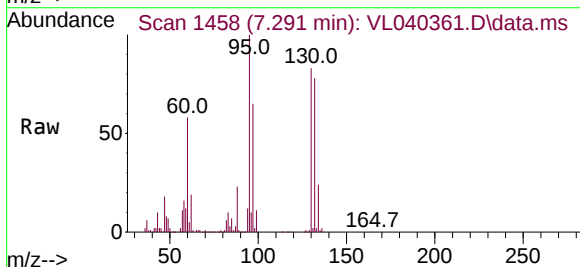
RT: 7.291 min Scan# 1458

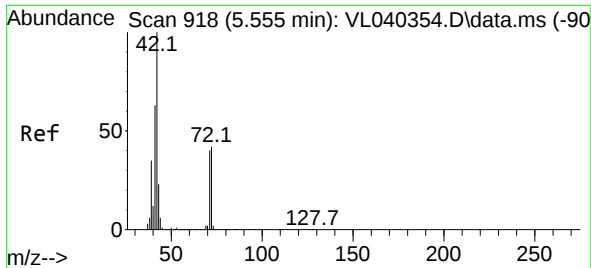
Delta R.T. 0.000 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Tgt Ion: 88	Resp: 355611		
Ion	Ratio	Lower	Upper
88	100		
58	121.2	100.8	151.2
43	233.7	0.0	0.0#
57	1025.5	0.0	0.0#





#41

Tetrahydrofuran

Concen: 10.238 ppbv

RT: 5.555 min Scan# 918

Delta R.T. 0.000 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_L

ClientSampleId :

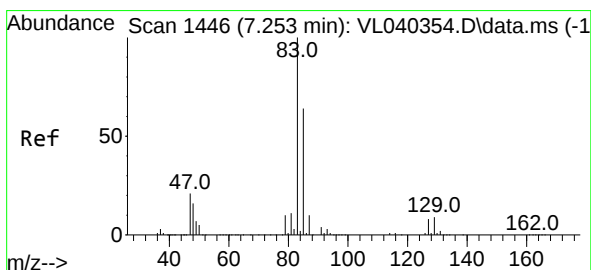
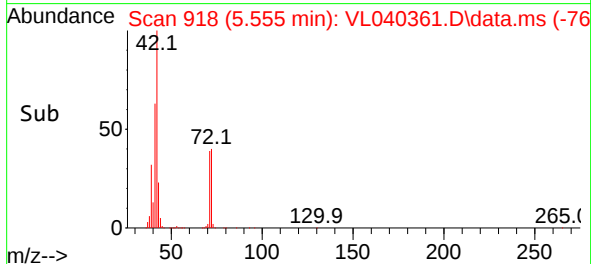
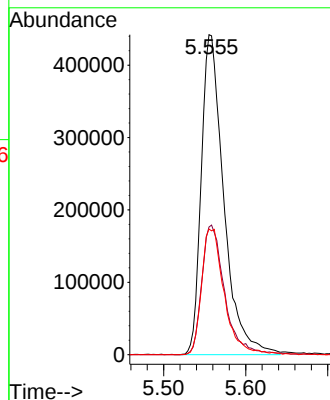
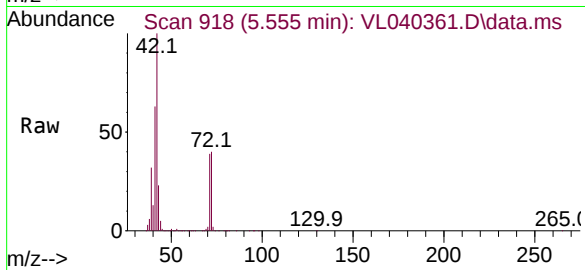
ICVVL041323

Tgt Ion:	42	Resp:	843144
Ion Ratio	Lower	Upper	
42	100		
72	41.1	33.7	50.5
71	39.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#42

Bromodichloromethane

Concen: 9.576 ppbv

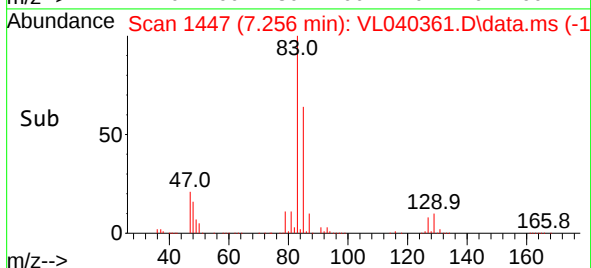
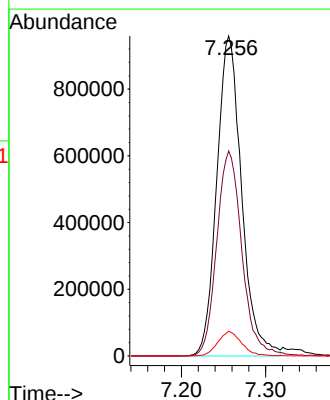
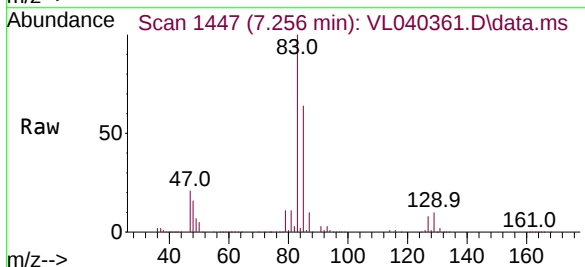
RT: 7.256 min Scan# 1447

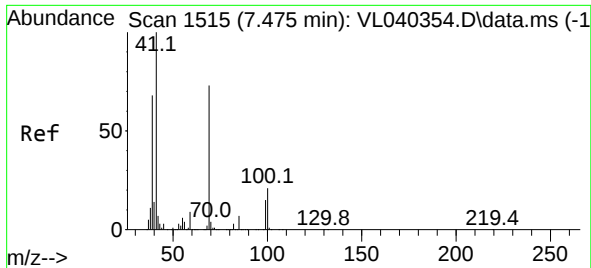
Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

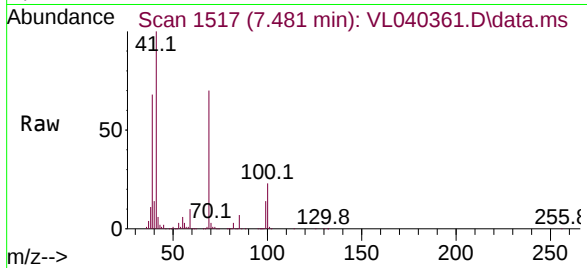
Tgt Ion:	83	Resp:	1954408
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.9	76.3
127	7.8	6.4	9.6





#43
Methyl Methacrylate
Concen: 10.510 ppbv
RT: 7.481 min Scan# 1515
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

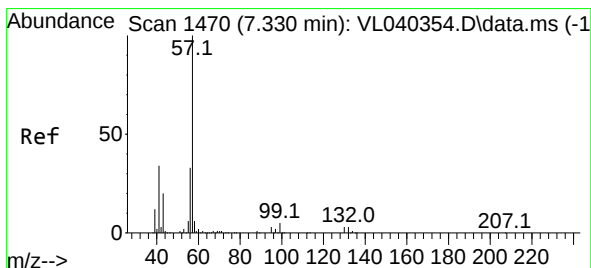
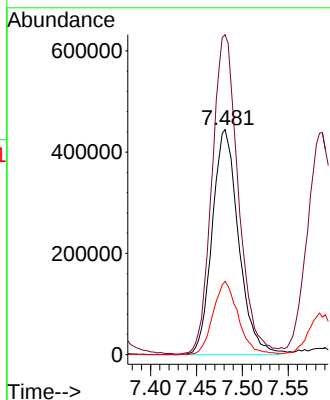
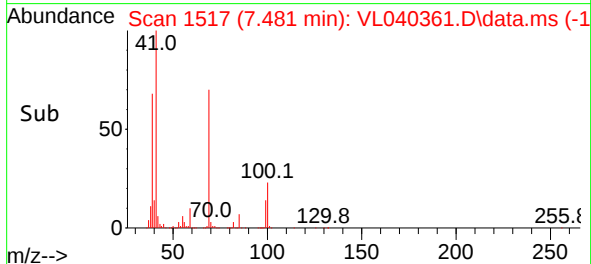
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



Tgt Ion: 69 Resp: 888210
Ion Ratio Lower Upper
69 100
41 142.4 114.3 171.5
100 31.1 24.5 36.7

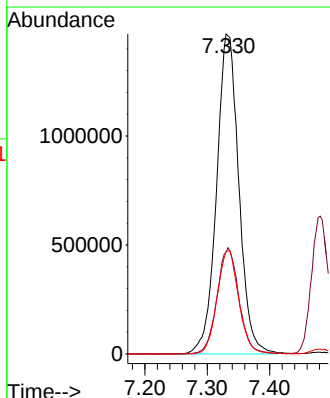
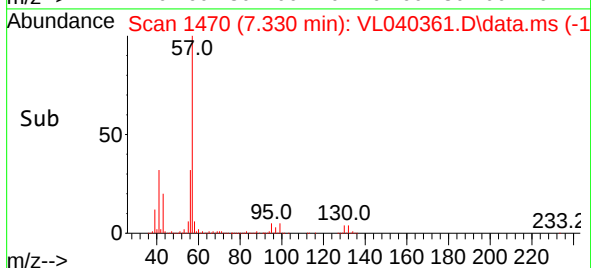
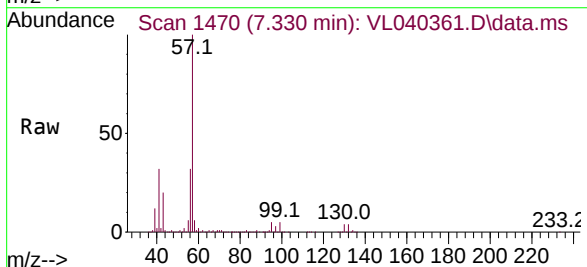
Manual Integrations
APPROVED

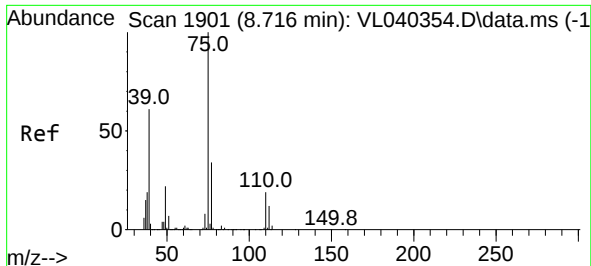
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#44
2,2,4-Trimethylpentane
Concen: 9.577 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 57 Resp: 3639727
Ion Ratio Lower Upper
57 100
41 32.7 26.9 40.3
56 31.4 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 11.387 ppbv

RT: 8.719 min Scan# 1901

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL041323

Tgt Ion: 75 Resp: 85955

Ion Ratio Lower Upper

75 100

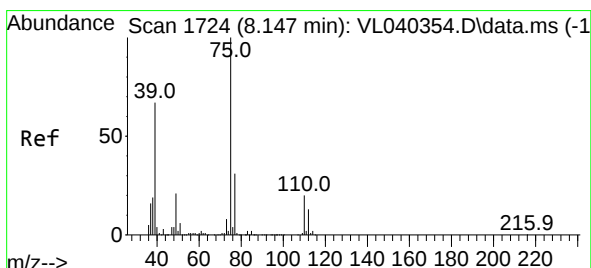
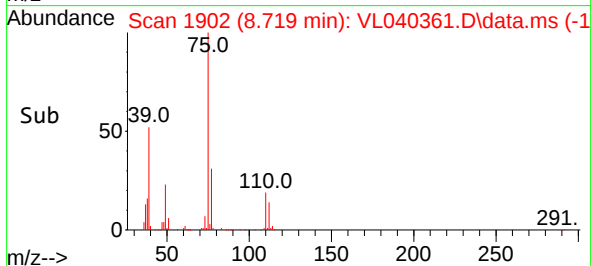
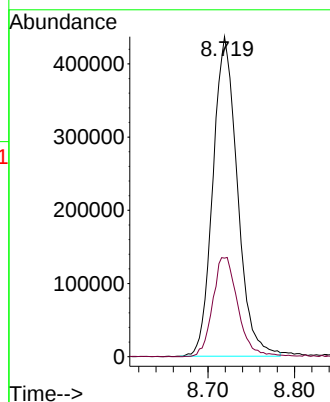
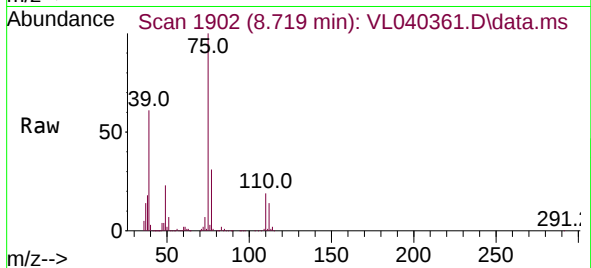
77 30.8 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#46

cis-1,3-Dichloropropene

Concen: 11.076 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

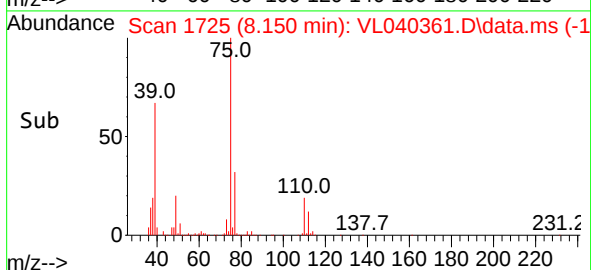
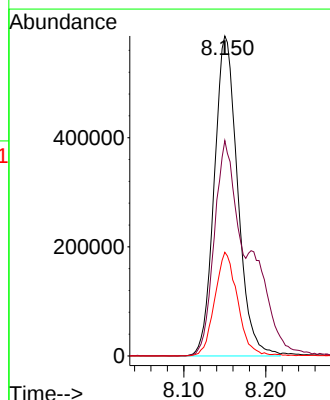
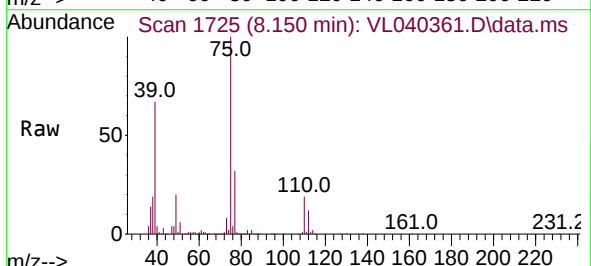
Tgt Ion: 75 Resp: 1163733

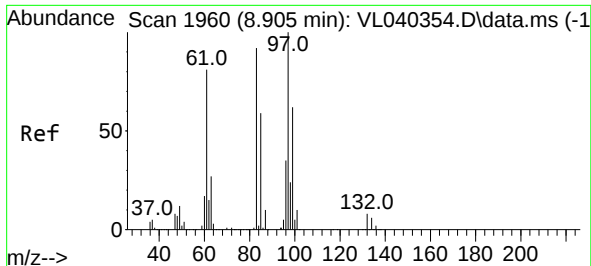
Ion Ratio Lower Upper

75 100

39 67.2 53.4 80.2

77 32.4 24.7 37.1





#47

1,1,2-Trichloroethane

Concen: 9.419 ppbv

RT: 8.909 min Scan# 1960

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL041323

Tgt Ion: 97 Resp: 92458

Ion Ratio Lower Upper

97 100

83 88.8 73.3 109.9

85 56.5 46.9 70.3

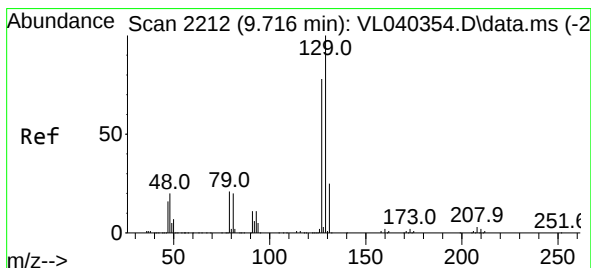
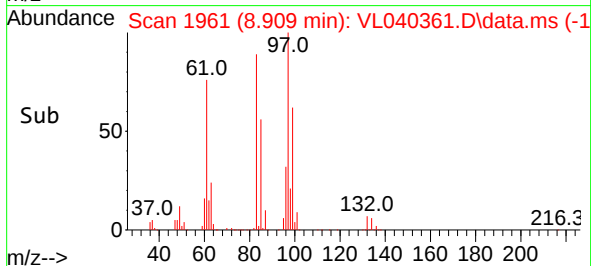
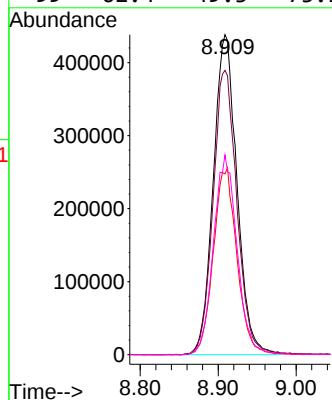
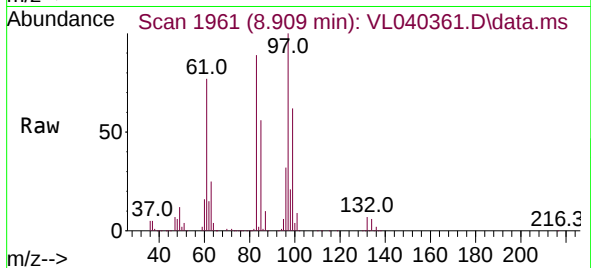
99 62.4 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#48

Dibromochloromethane

Concen: 9.876 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.007 min

Lab File: VL040361.D

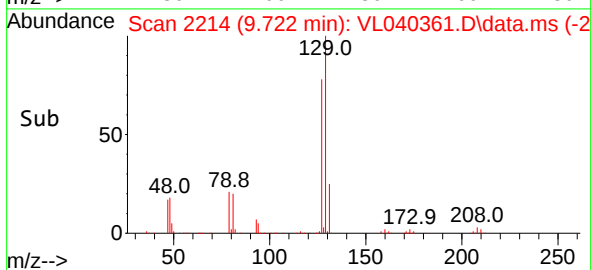
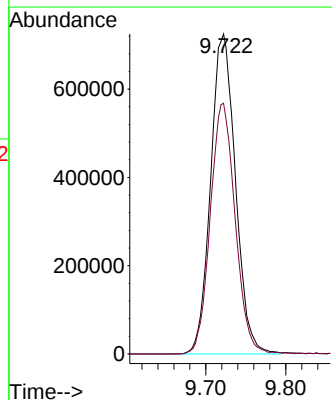
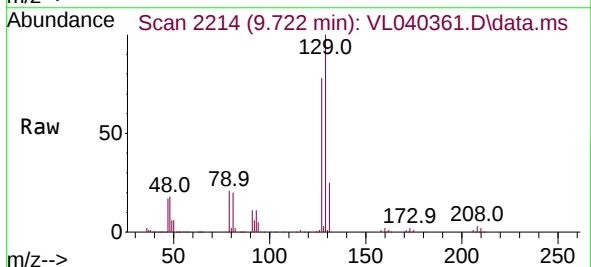
Acq: 13 Apr 2023 14:56

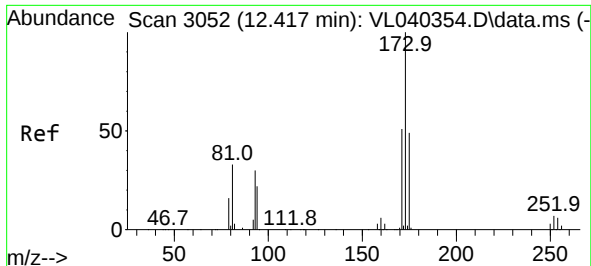
Tgt Ion:129 Resp: 1561307

Ion Ratio Lower Upper

129 100

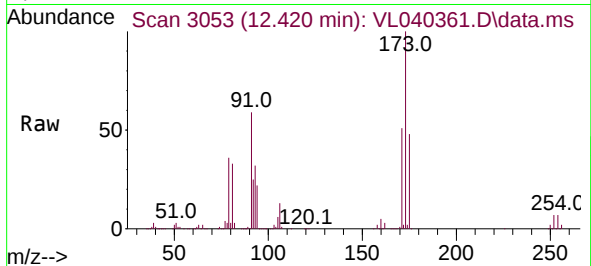
127 78.7 39.2 117.6





#49
Bromoform
Concen: 9.754 ppbv
RT: 12.420 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

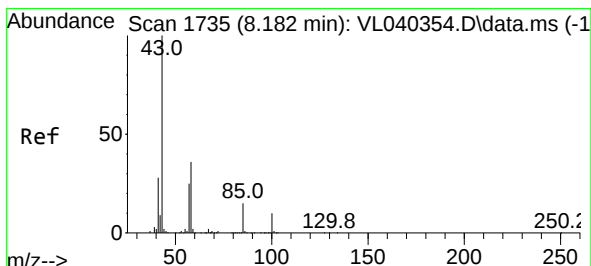
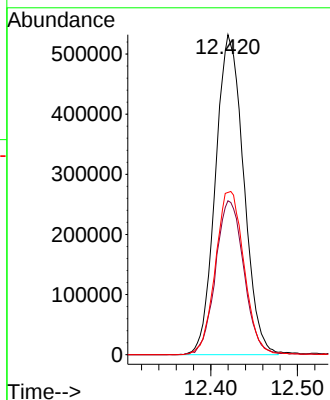
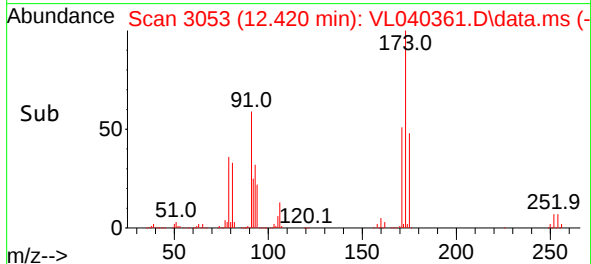
Instrument : MSVOA_L
ClientSampleId : ICVVL041323



Tgt Ion: 173 Resp: 1202658
Ion Ratio Lower Upper
173 100
175 48.7 39.8 59.8
171 52.3 42.2 63.2

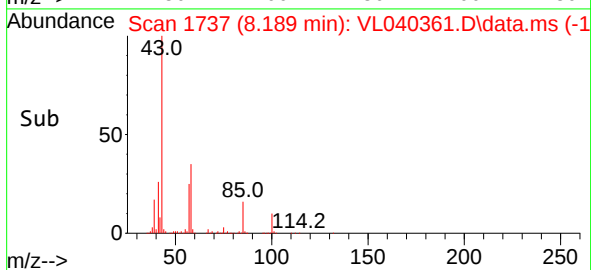
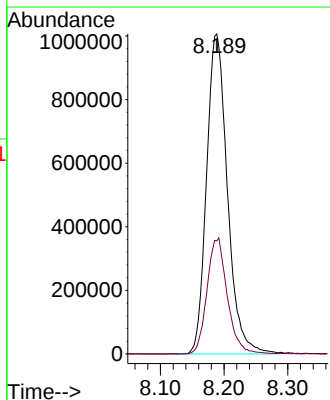
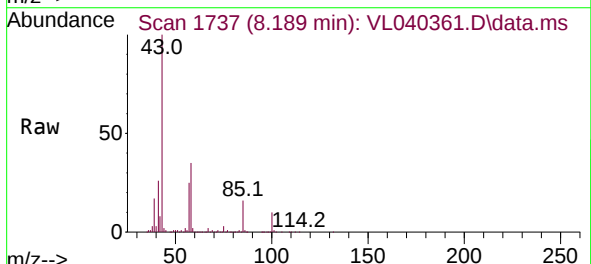
Manual Integrations
APPROVED

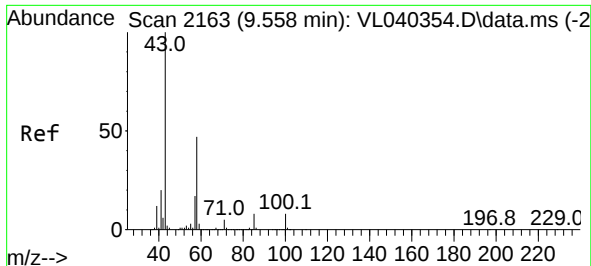
Reviewed By : Semsettin Yesilyurt 04/14/2023
Supervised By : Mahesh Dadoda 04/14/2023



#50
4-Methyl-2-Pentanone
Concen: 10.053 ppbv
RT: 8.189 min Scan# 1737
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

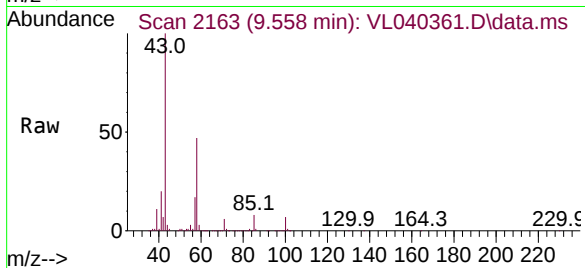
Tgt Ion: 43 Resp: 2292252
Ion Ratio Lower Upper
43 100
58 35.4 28.6 43.0





#51
2-Hexanone
Concen: 10.566 ppbv
RT: 9.558 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

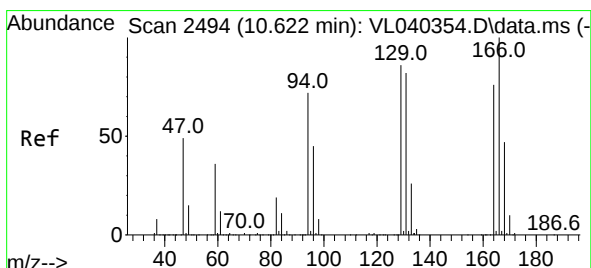
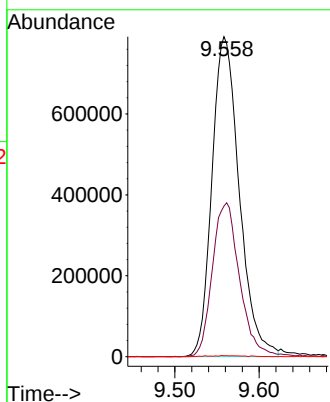
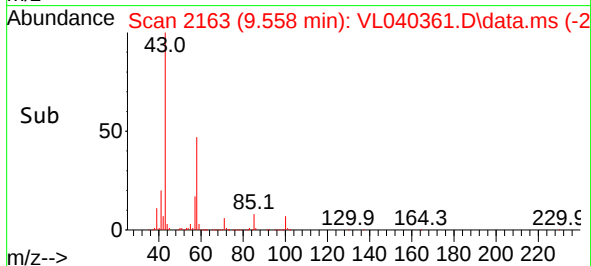
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



Tgt Ion: 43 Resp: 178018
Ion Ratio Lower Upper
43 100
58 48.2 38.3 57.5
98 0.5 0.4 0.6

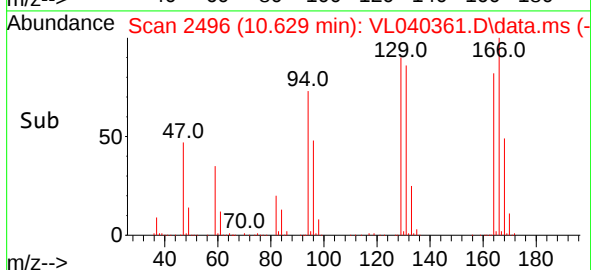
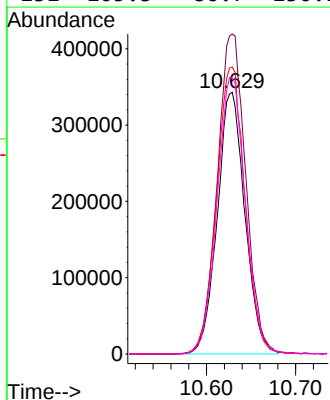
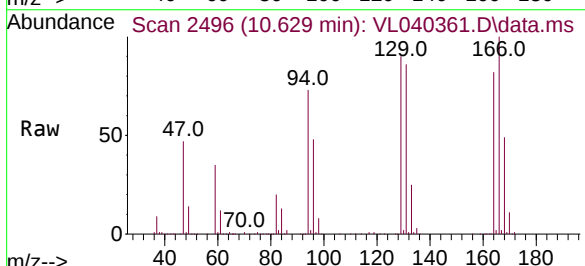
Manual Integrations
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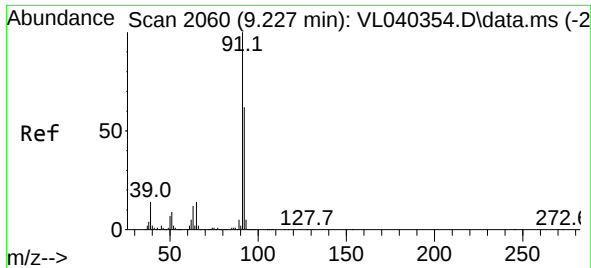
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#52
Tetrachloroethene
Concen: 10.361 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion:164 Resp: 737408
Ion Ratio Lower Upper
164 100
166 122.3 105.2 157.8
129 109.6 90.3 135.5
131 105.3 86.7 130.1





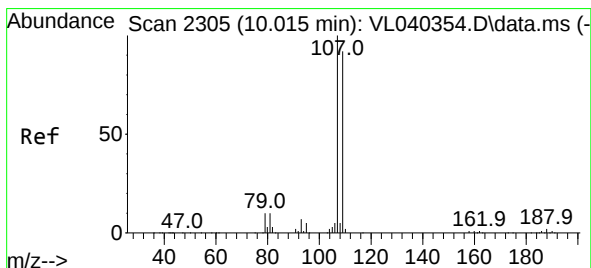
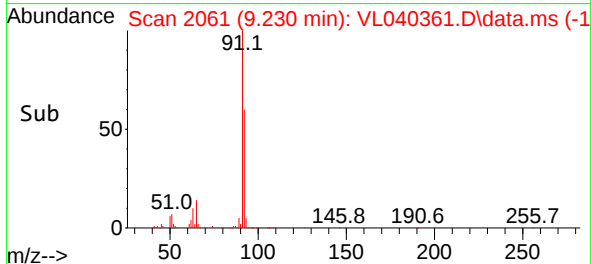
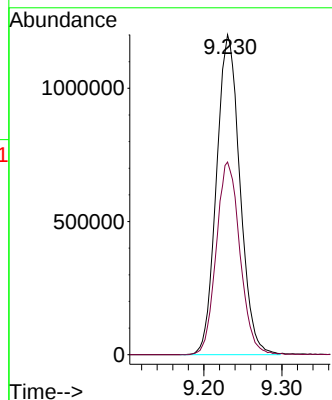
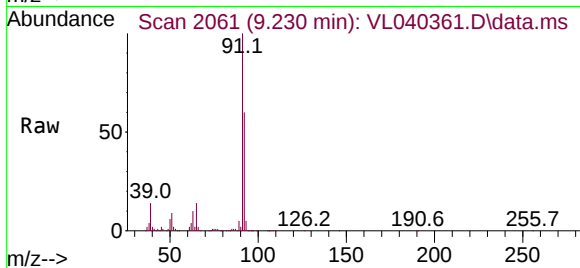
#53
Toluene
Concen: 10.411 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323

Tgt Ion: 91 Resp: 2511359
Ion Ratio Lower Upper
91 100
92 61.0 48.9 73.3

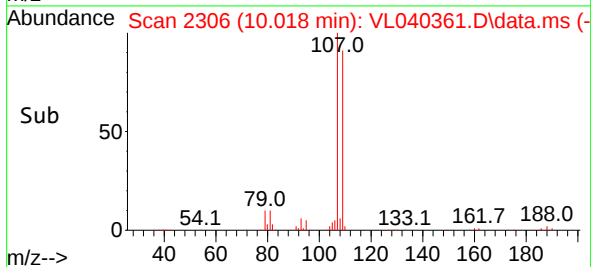
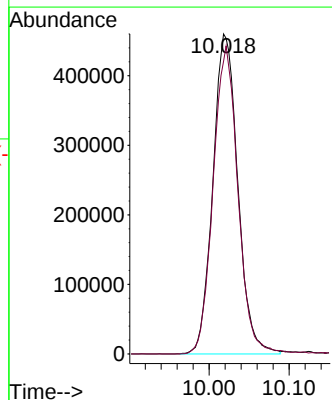
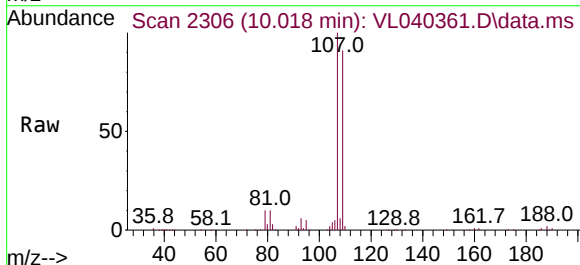
Manual Integrations
APPROVED

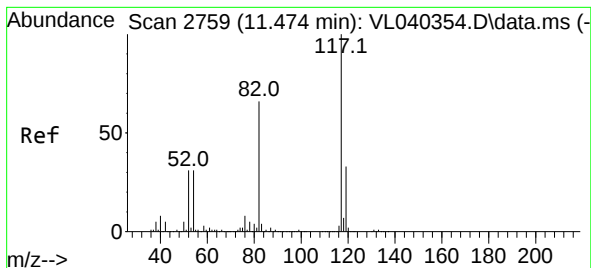
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#54
1,2-Dibromoethane
Concen: 9.994 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

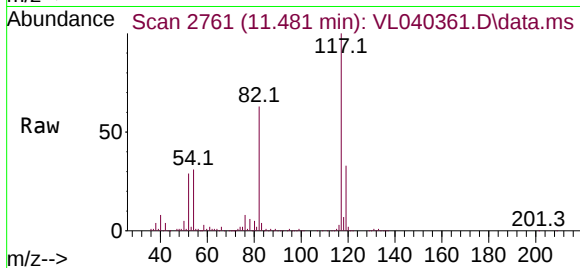
Tgt Ion:107 Resp: 994573
Ion Ratio Lower Upper
107 100
109 91.4 73.6 110.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.481 min Scan# 2759
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

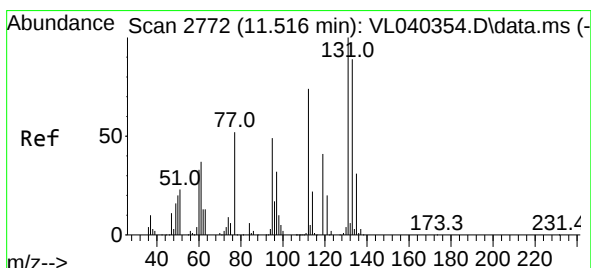
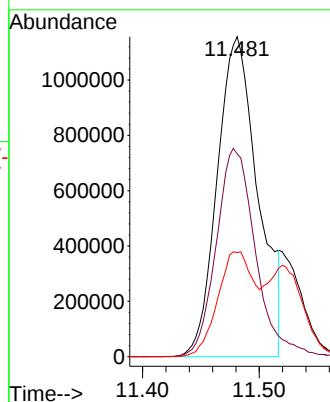
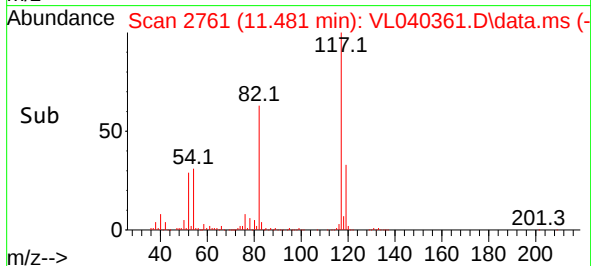
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



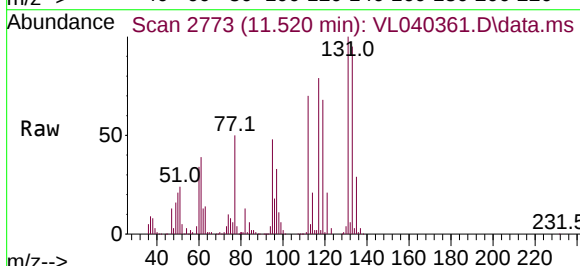
Tgt Ion:117 Resp: 2803992
Ion Ratio Lower Upper
117 100
82 63.2 52.5 78.7
119 29.3 24.3 36.5

Manual Integrations
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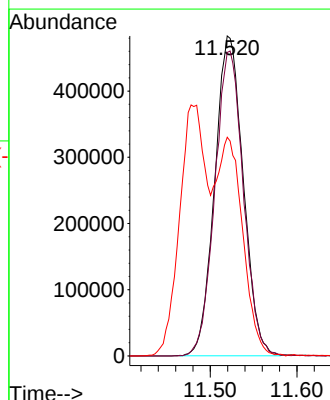
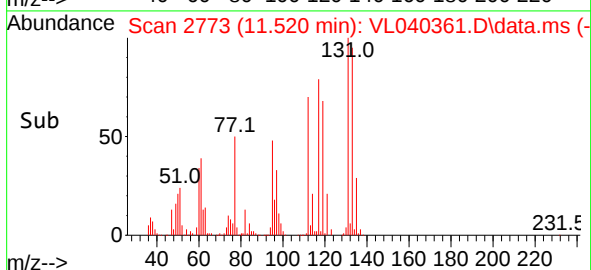
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

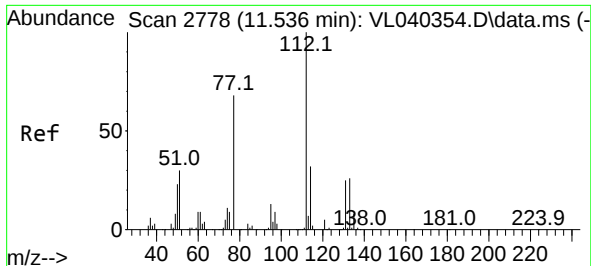


#56
1,1,1,2-Tetrachloroethane
Concen: 8.608 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56



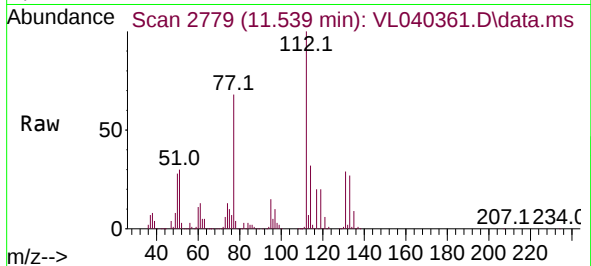
Tgt Ion:131 Resp: 1101766
Ion Ratio Lower Upper
131 100
133 95.7 75.3 112.9
119 60.7 53.9 80.9





#57
Chlorobenzene
Concen: 8.654 ppbv
RT: 11.539 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

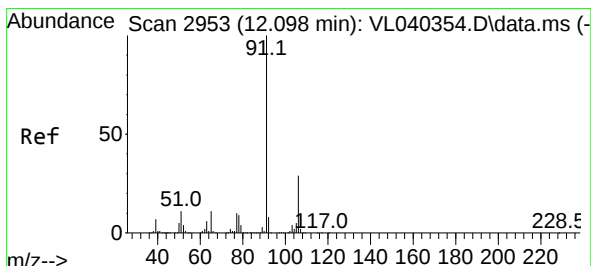
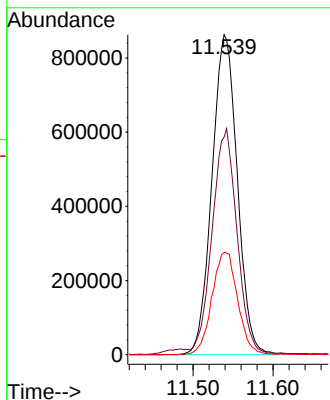
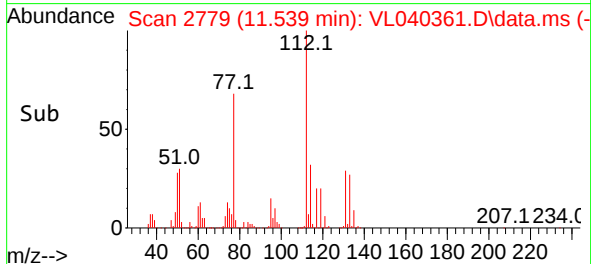
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



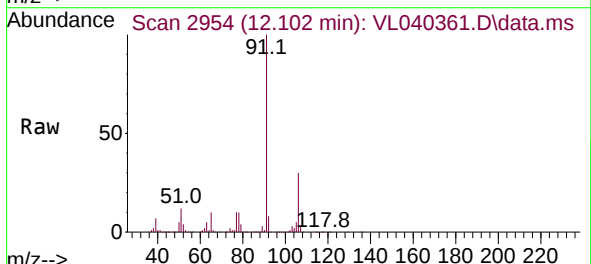
Tgt Ion: 112 Resp: 1900014
Ion Ratio Lower Upper
112 100
77 67.7 55.8 83.8
114 31.9 29.1 35.5

Manual Integrations
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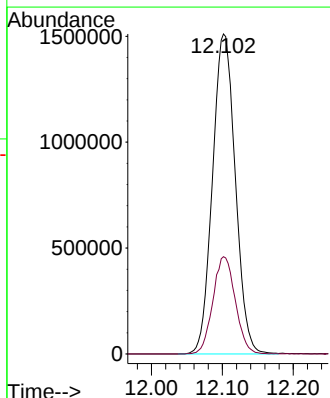
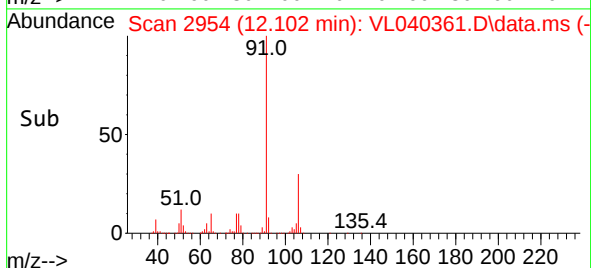
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

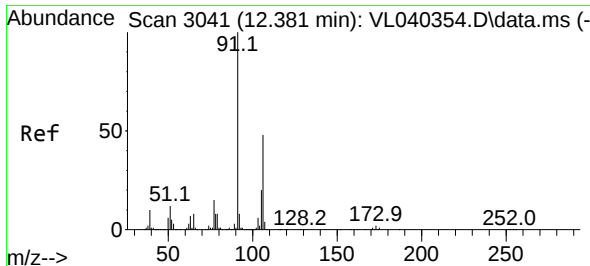


#58
Ethyl Benzene
Concen: 9.789 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56



Tgt Ion: 91 Resp: 3376510
Ion Ratio Lower Upper
91 100
106 30.4 23.5 35.3





#59

m/p-Xylene

Concen: 18.366 ppbv m

RT: 12.388 min Scan# 3041

Delta R.T. 0.007 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL041323

Tgt Ion: 91 Resp: 5825624

Ion Ratio Lower Upper

91 100

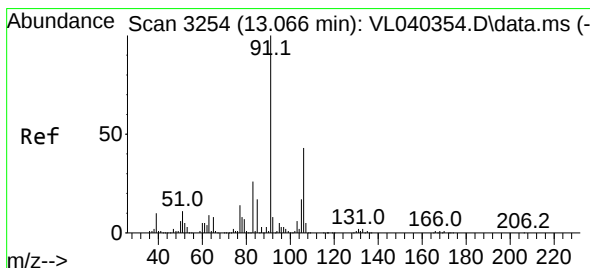
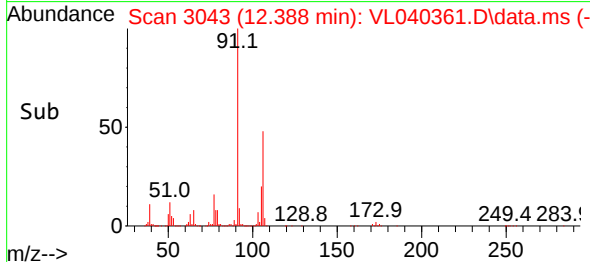
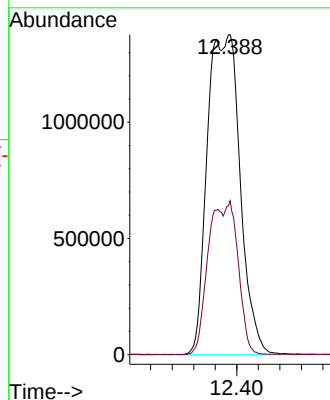
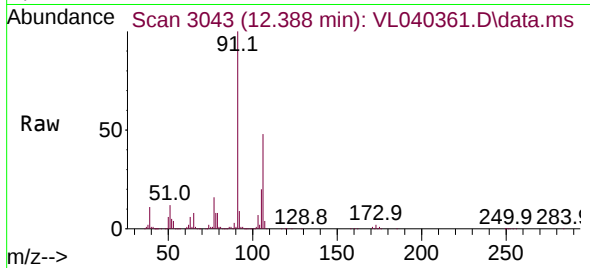
106 43.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#60

o-Xylene

Concen: 9.149 ppbv

RT: 13.073 min Scan# 3256

Delta R.T. 0.007 min

Lab File: VL040361.D

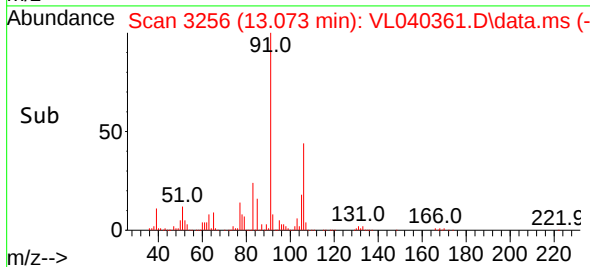
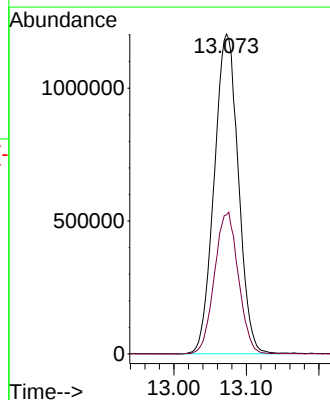
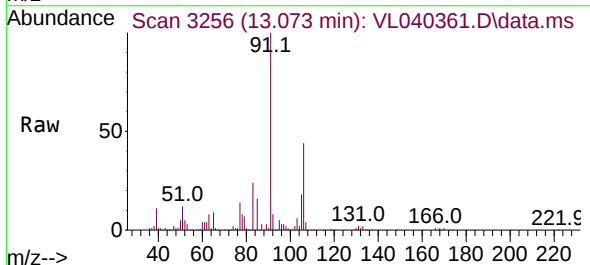
Acq: 13 Apr 2023 14:56

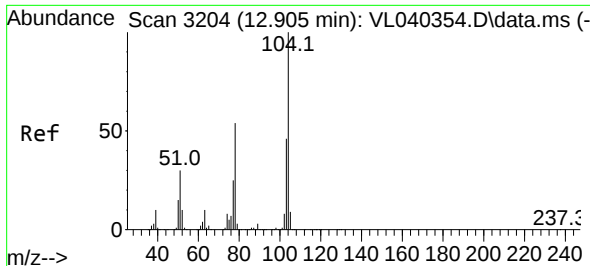
Tgt Ion: 91 Resp: 2785159

Ion Ratio Lower Upper

91 100

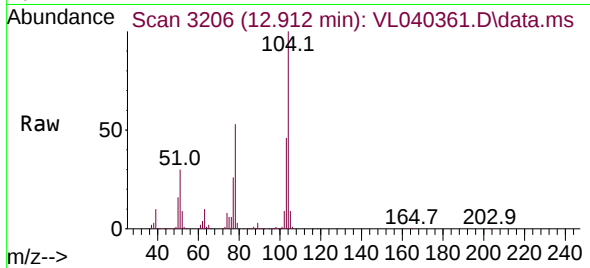
106 44.0 21.9 65.8





#61
Styrene
Concen: 10.527 ppbv
RT: 12.912 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

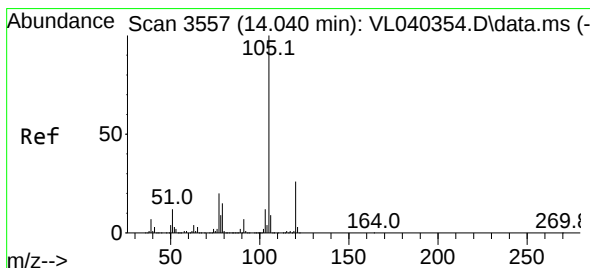
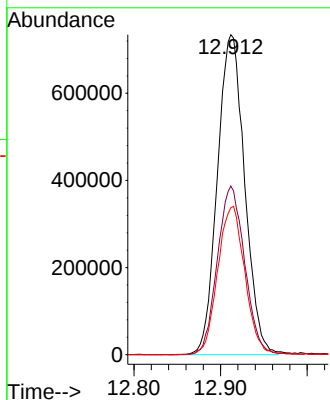
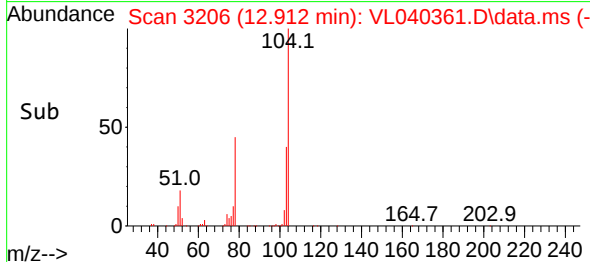
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



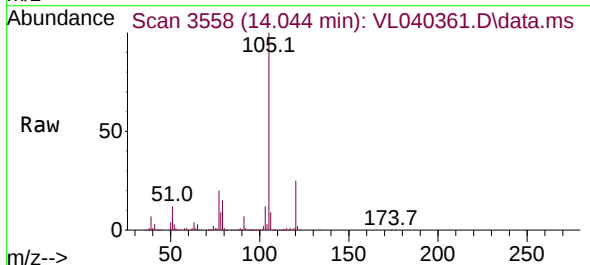
Tgt Ion:104 Resp: 1605340
Ion Ratio Lower Upper
104 100
78 53.0 43.4 65.0
103 46.5 37.0 55.4

Manual Integrations
APPROVED

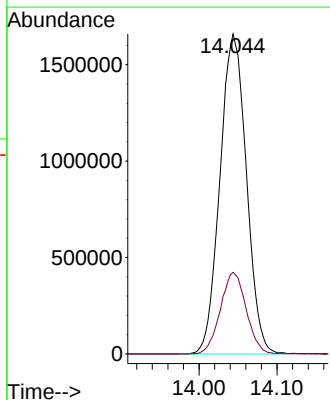
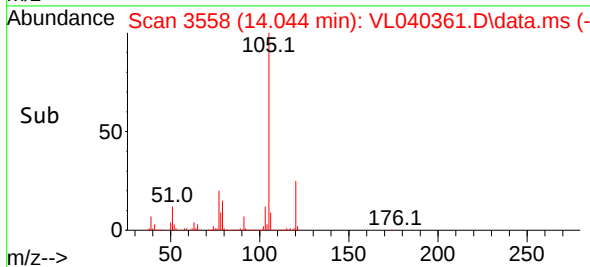
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

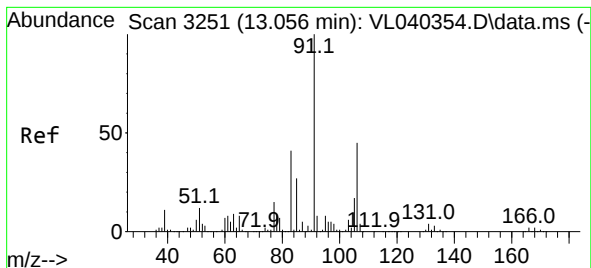


#62
Isopropylbenzene
Concen: 8.912 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56



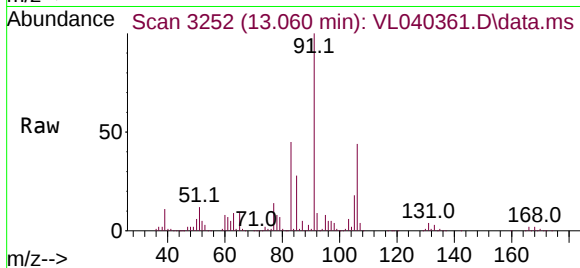
Tgt Ion:105 Resp: 3907264
Ion Ratio Lower Upper
105 100
120 25.0 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 7.649 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

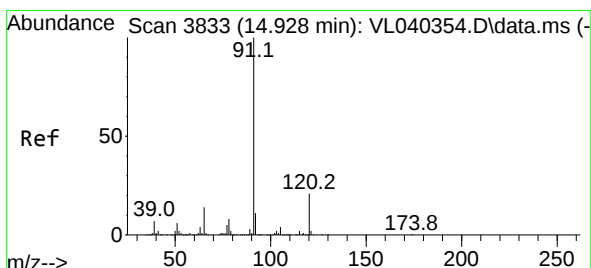
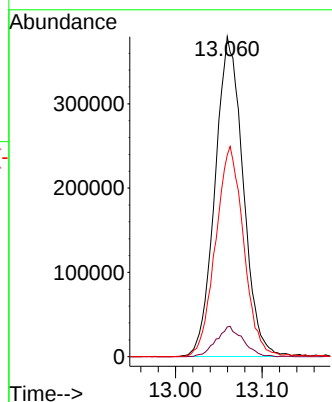
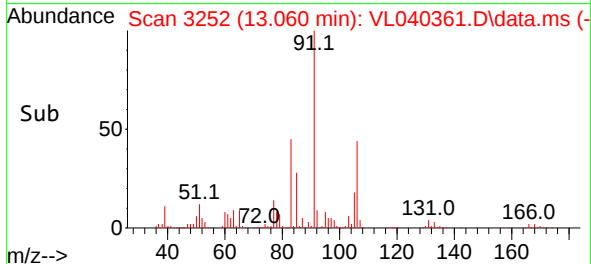
Instrument : MSVOA_L
ClientSampleId : ICVVL041323



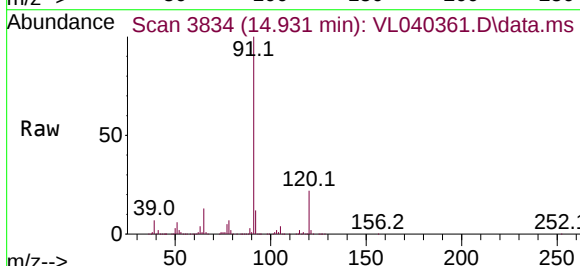
Tgt Ion: 83 Resp: 85216
Ion Ratio Lower Upper
83 100
131 9.1 4.3 13.1
85 66.2 32.9 98.6

Manual Integrations
APPROVED

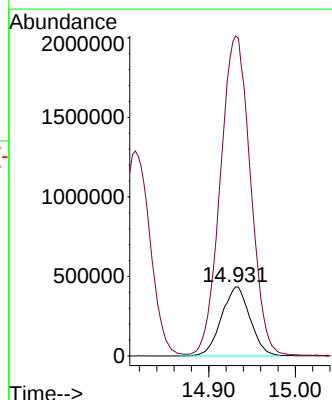
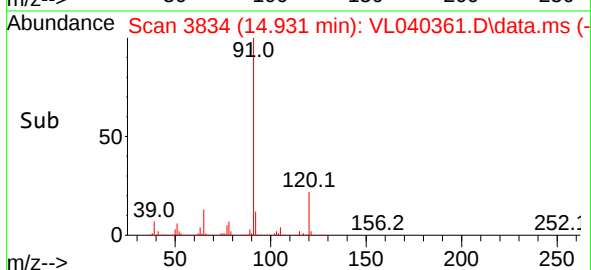
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

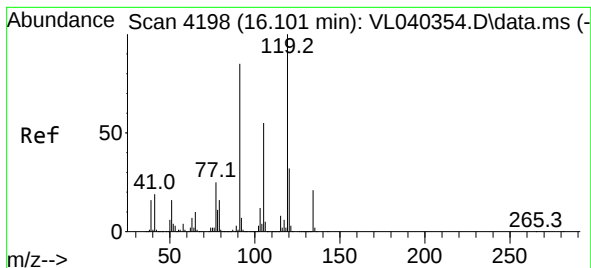


#64
n-propylbenzene
Concen: 9.226 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56



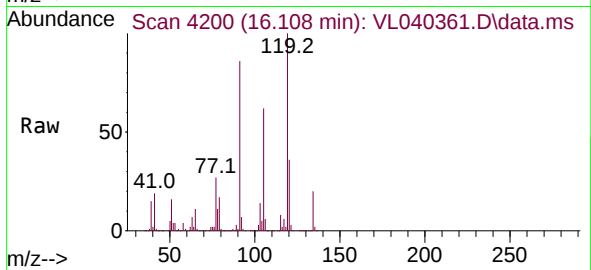
Tgt Ion:120 Resp: 995251
Ion Ratio Lower Upper
120 100
91 489.7 397.4 596.0





#65
tert-Butylbenzene
Concen: 8.914 ppbv
RT: 16.108 min Scan# 4198
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

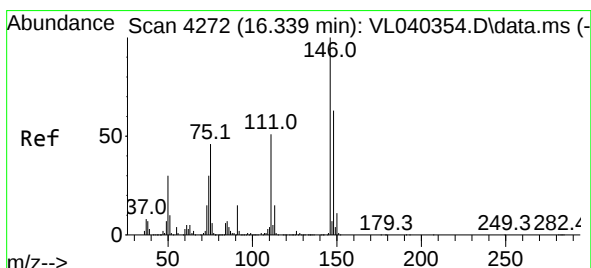
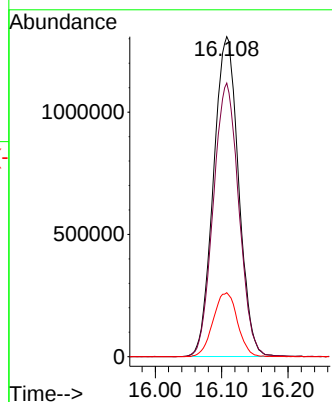
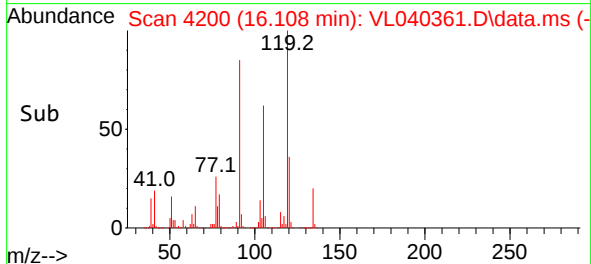
Instrument : MSVOA_L
ClientSampleId : ICVVL041323



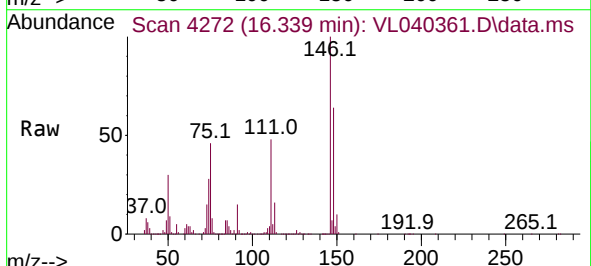
Tgt Ion: 119 Resp: 343821
Ion Ratio Lower Upper
119 100
91 86.9 70.1 105.1
134 19.5 15.6 23.4

Manual Integrations
APPROVED

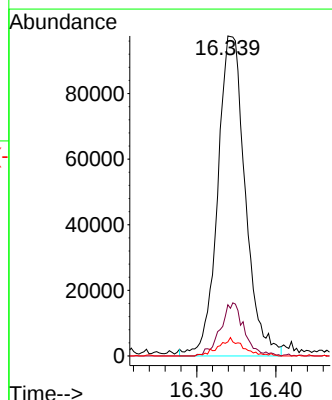
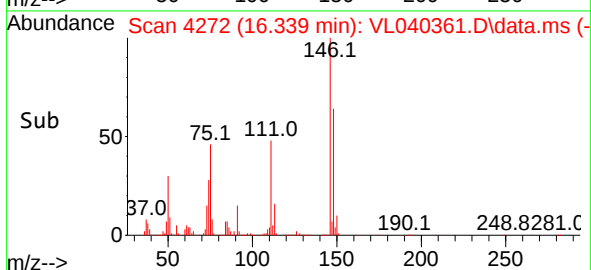
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

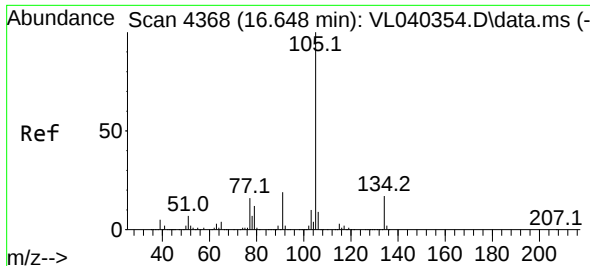


#66
Benzyl Chloride
Concen: 9.897 ppbv m
RT: 16.339 min Scan# 4272
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56



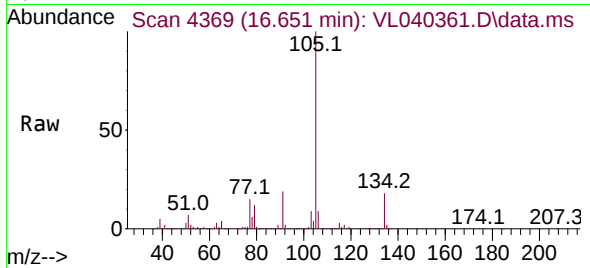
Tgt Ion: 91 Resp: 236362
Ion Ratio Lower Upper
91 100
126 14.5 12.3 18.5
128 5.0 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 8.957 ppbv
 RT: 16.651 min Scan# 4369
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

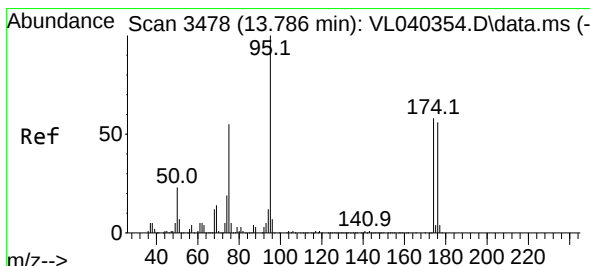
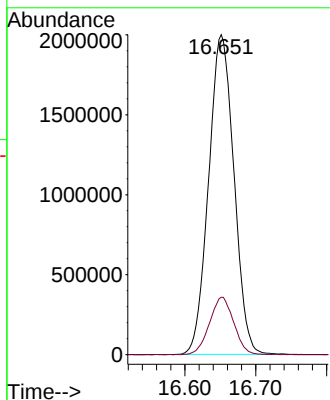
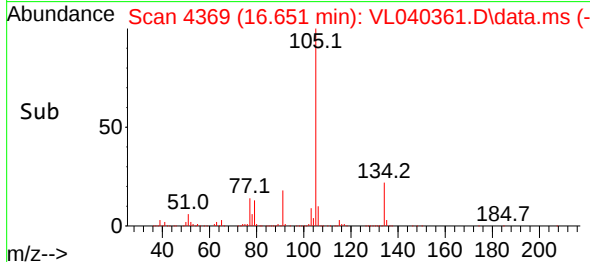
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL041323



Tgt Ion: 105 Resp: 496265
 Ion Ratio Lower Upper
 105 100
 134 17.4 13.8 20.6

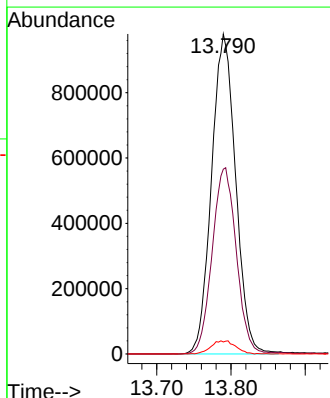
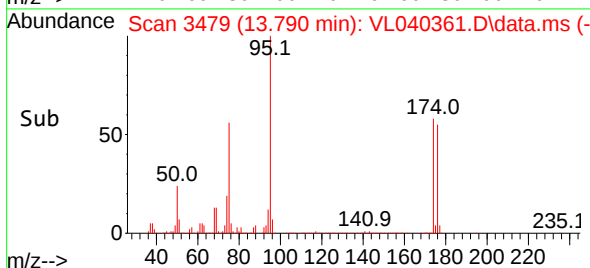
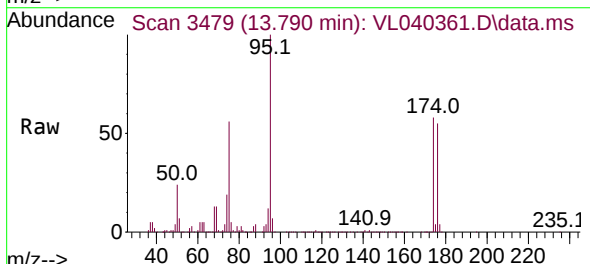
Manual Integrations
 APPROVED

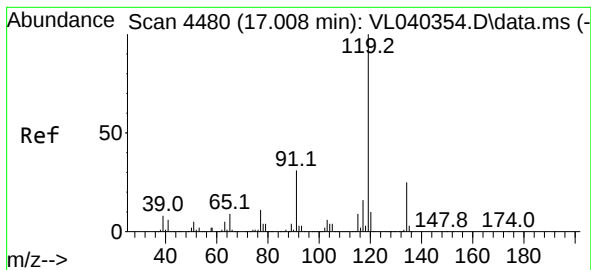
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.533 ppbv
 RT: 13.790 min Scan# 3479
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

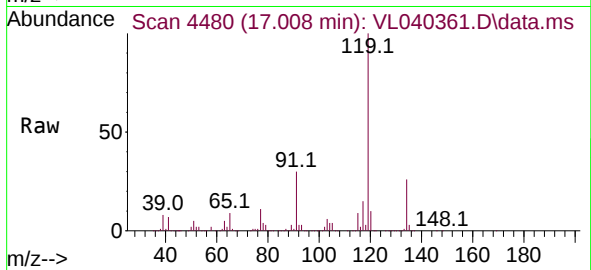
Tgt Ion: 95 Resp: 2210428
 Ion Ratio Lower Upper
 95 100
 174 58.5 47.2 70.8
 175 4.2 3.5 5.3





#69
p-Isopropyltoluene
Concen: 9.319 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

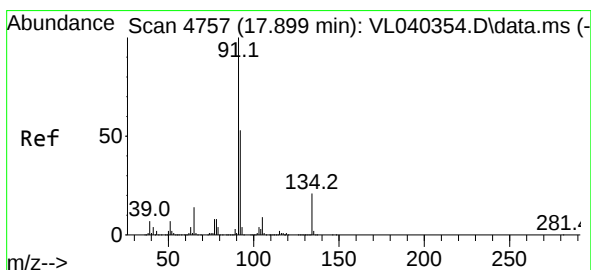
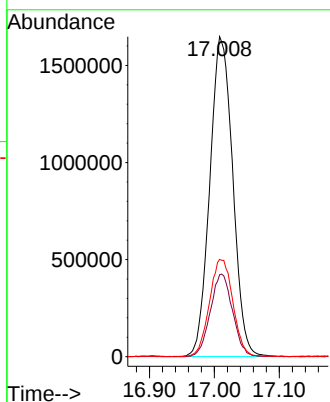
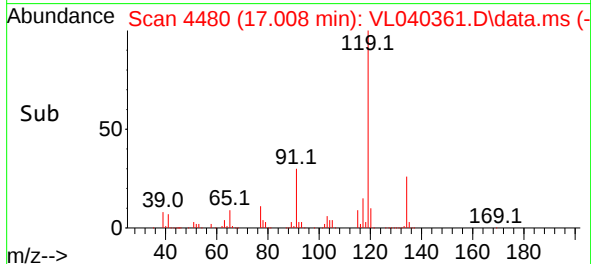
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



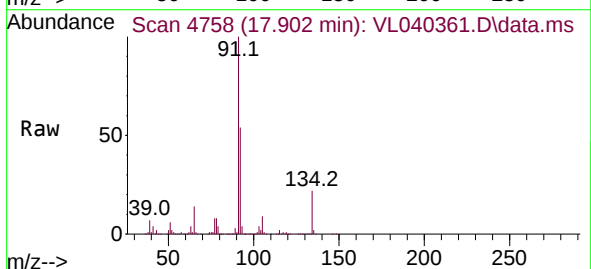
Tgt Ion: 119 Resp: 4031359
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 31.2 25.7 38.5

Manual Integrations
APPROVED

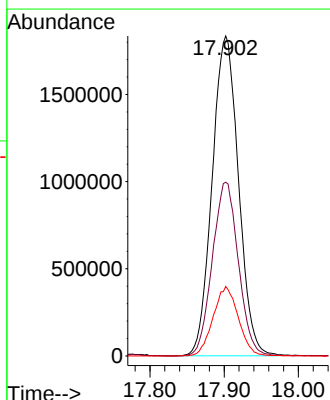
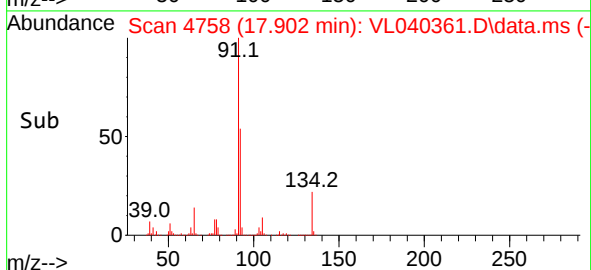
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

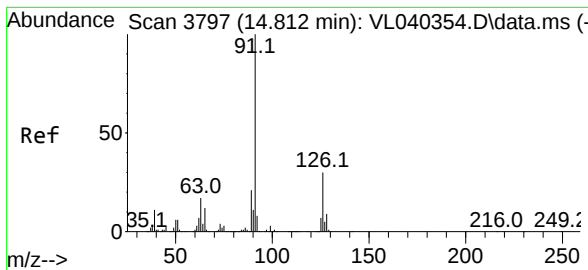


#70
n-Butylbenzene
Concen: 9.418 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56



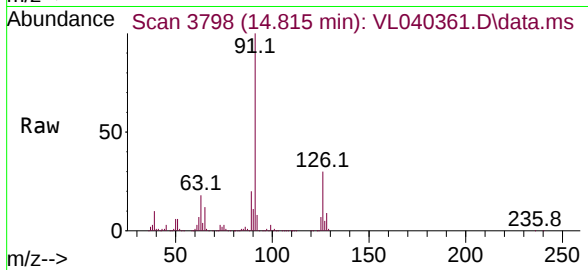
Tgt Ion: 91 Resp: 4516629
Ion Ratio Lower Upper
91 100
92 53.8 43.0 64.4
134 20.9 16.6 25.0





#71
2-Chlorotoluene
Concen: 8.965 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

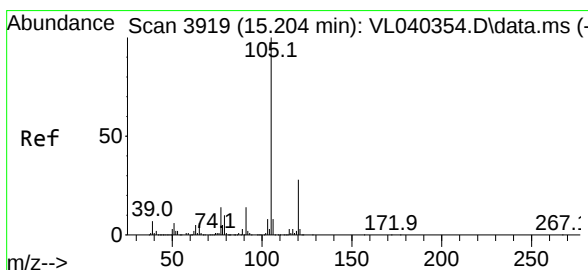
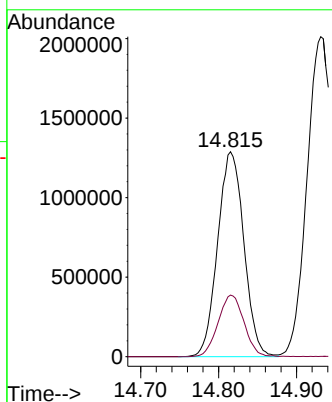
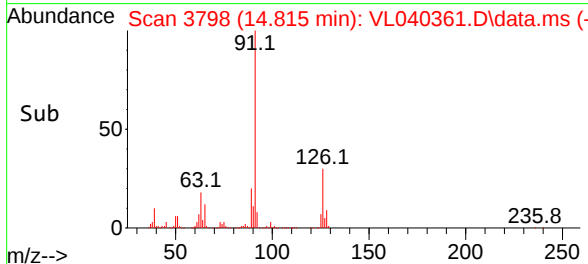
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



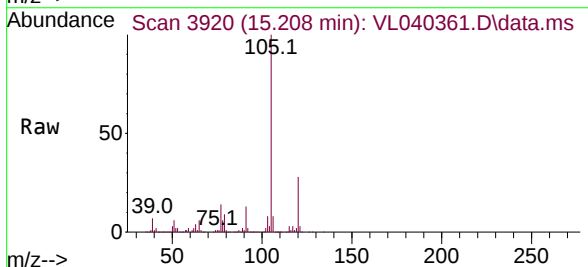
Tgt Ion: 91 Resp: 3017674
Ion Ratio Lower Upper
91 100
126 29.7 11.8 47.4

Manual Integrations
APPROVED

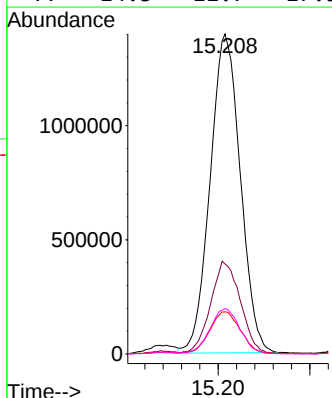
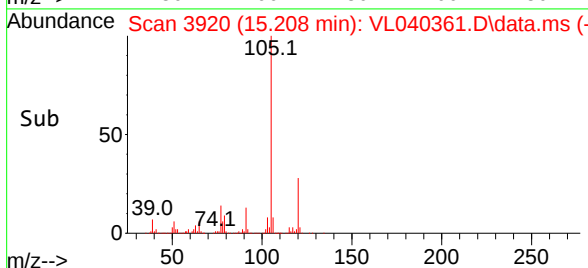
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

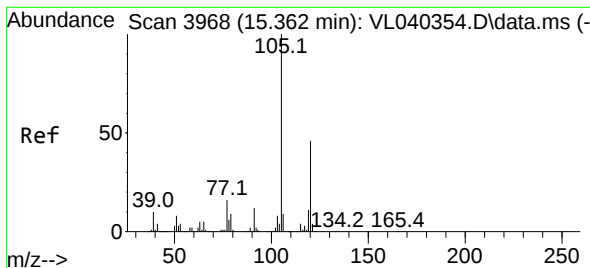


#72
4-Ethyltoluene
Concen: 9.504 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56



Tgt Ion:105 Resp: 3193891
Ion Ratio Lower Upper
105 100
120 28.9 23.0 34.6
91 14.2 11.3 16.9
77 14.3 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.276 ppbv

RT: 15.365 min Scan# 3968

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL041323

Tgt Ion:105 Resp: 287958

Ion Ratio Lower Upper

105 100

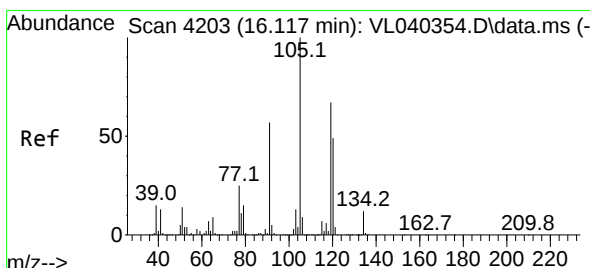
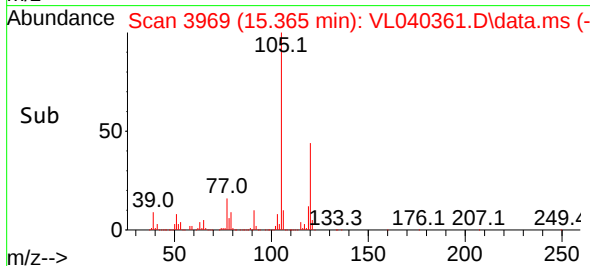
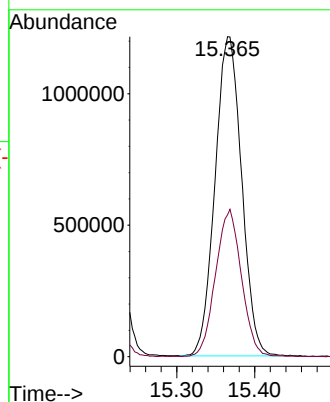
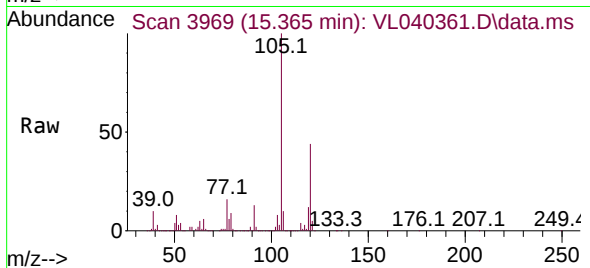
120 44.4 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#74

1,2,4-Trimethylbenzene

Concen: 8.901 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.007 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Tgt Ion:105 Resp: 3158195

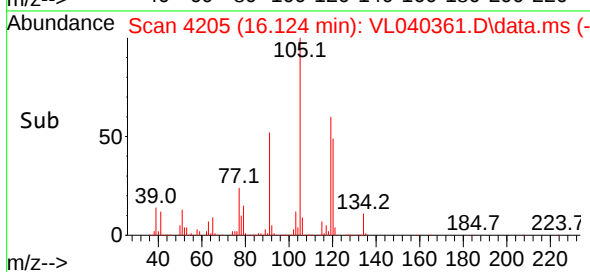
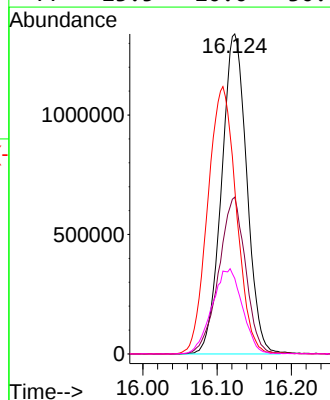
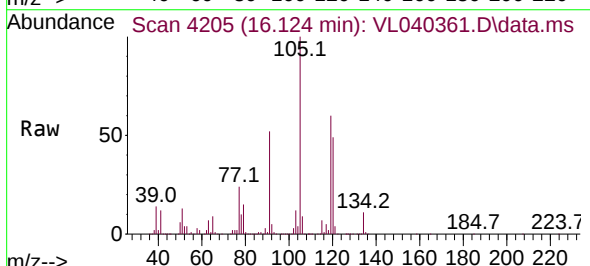
Ion Ratio Lower Upper

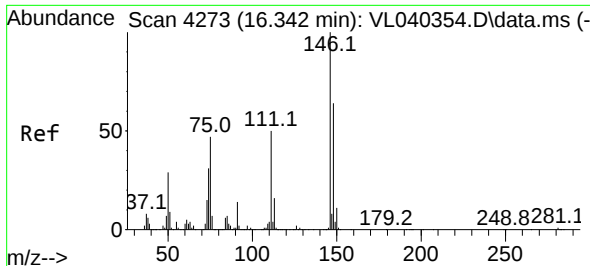
105 100

120 49.0 38.9 58.3

91 51.4 46.0 69.0

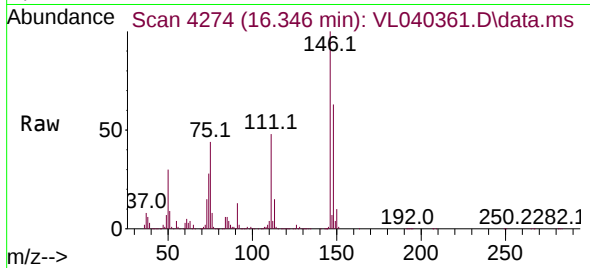
77 23.5 20.0 30.0





#75
1,3-Dichlorobenzene
Concen: 8.946 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

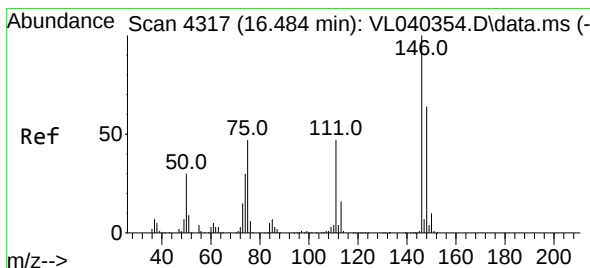
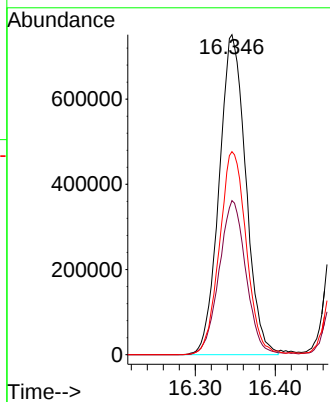
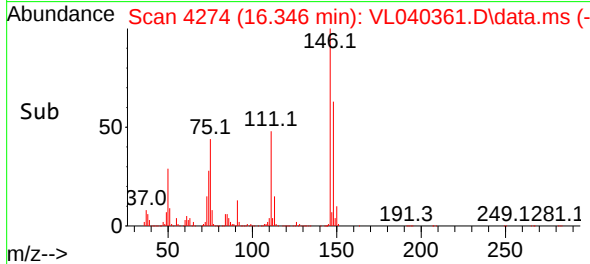
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



Tgt Ion:146 Resp: 173870
Ion Ratio Lower Upper
146 100
111 48.7 24.6 74.0
148 64.3 32.1 96.3

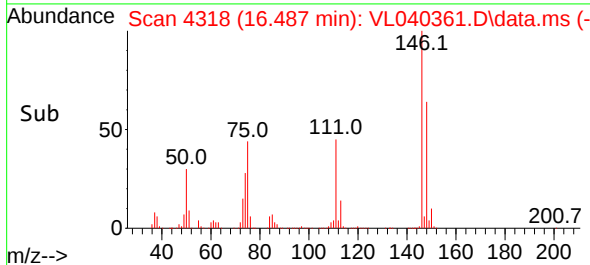
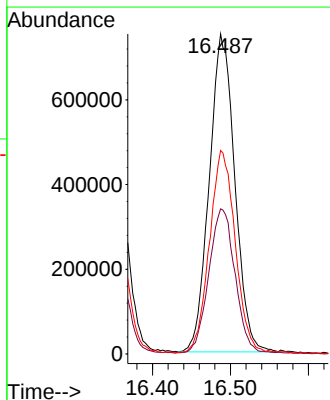
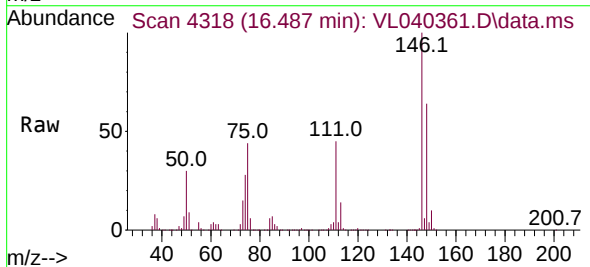
Manual Integrations
APPROVED

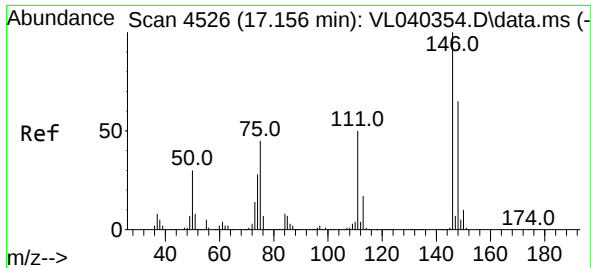
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#76
1,4-Dichlorobenzene
Concen: 8.891 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

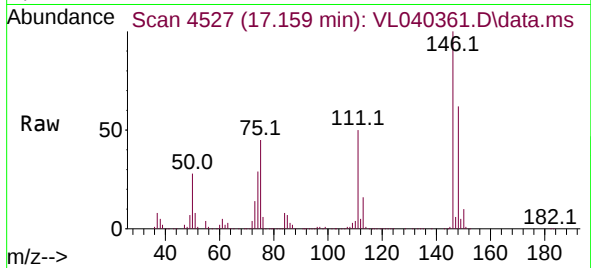
Tgt Ion:146 Resp: 1707270
Ion Ratio Lower Upper
146 100
111 47.6 23.8 71.4
148 65.6 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 8.911 ppbv
RT: 17.159 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

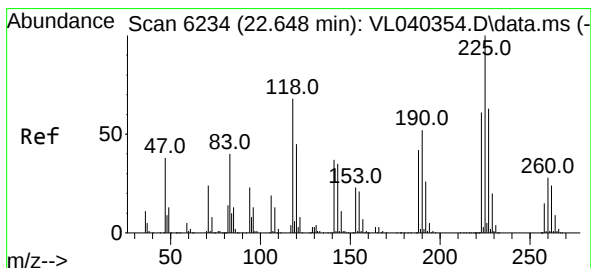
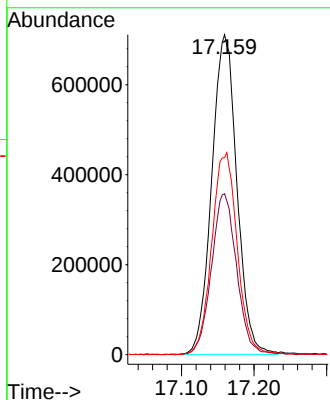
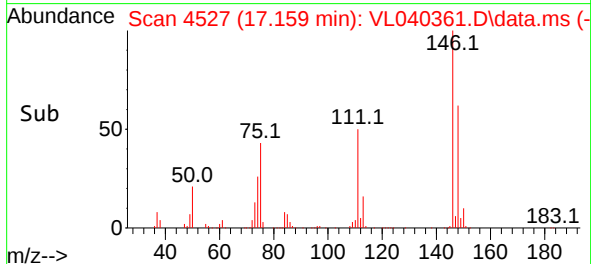
Instrument :
MSVOA_L
ClientSampleId :
ICVVL041323



Tgt Ion:146 Resp: 171256
Ion Ratio Lower Upper
146 100
111 50.7 25.4 76.0
148 64.2 32.0 96.2

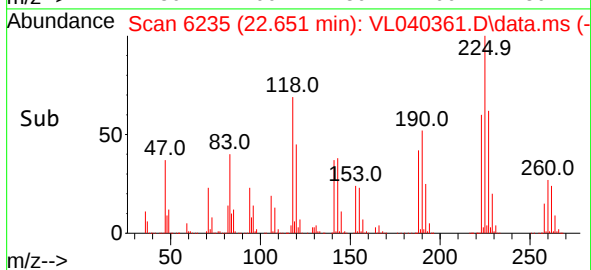
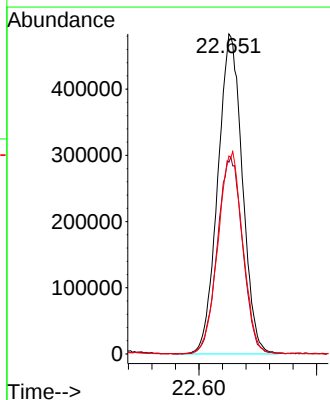
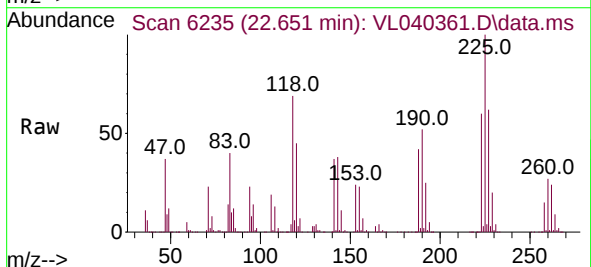
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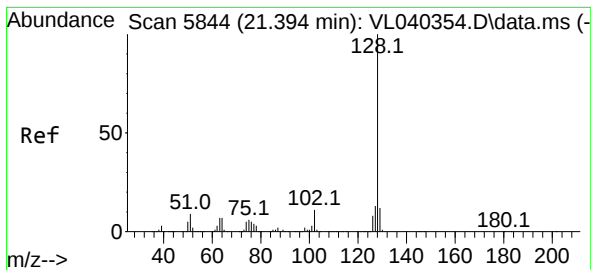
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.096 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion:225 Resp: 1401389
Ion Ratio Lower Upper
225 100
223 63.2 50.7 76.1
227 64.2 51.0 76.4





#79

Naphthalene

Concen: 13.000 ppbv m

RT: 21.400 min Scan# 5846

Delta R.T. 0.007 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL041323

Tgt Ion:128 Resp: 311372

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

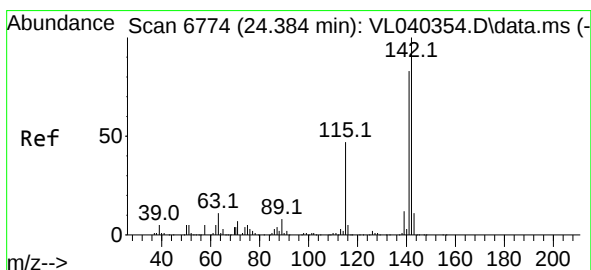
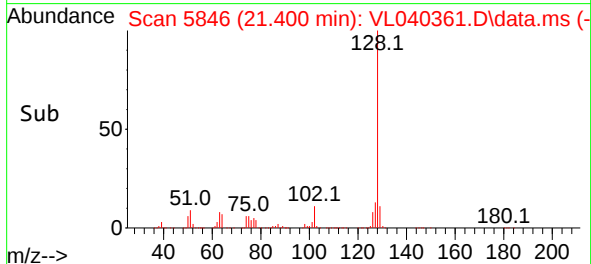
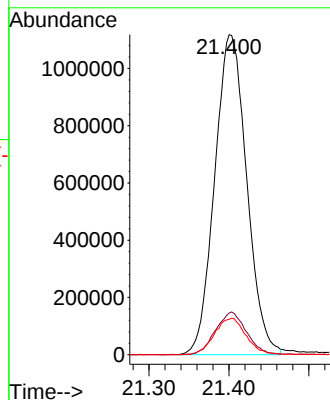
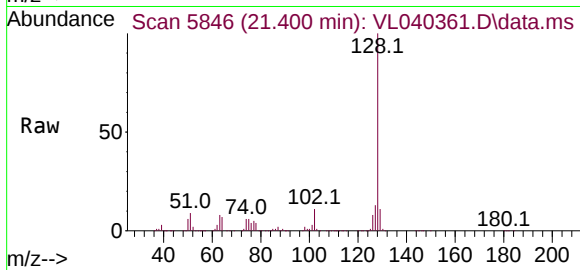
129 11.1 9.4 14.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#80

Naphthalene,2-methyl-

Concen: 13.184 ppbv

RT: 24.387 min Scan# 6775

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

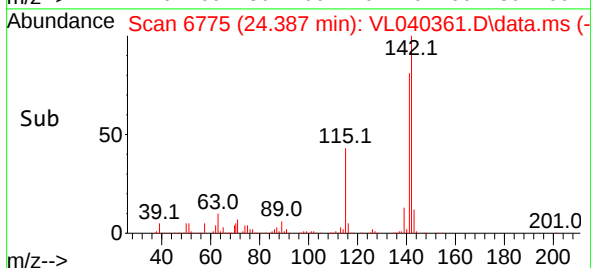
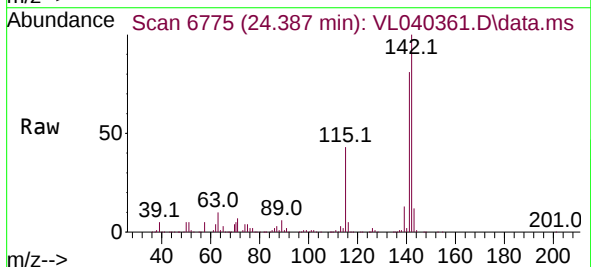
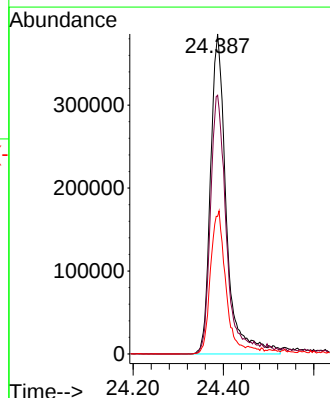
Tgt Ion:142 Resp: 939953

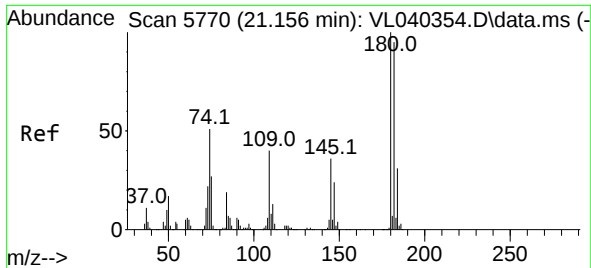
Ion Ratio Lower Upper

142 100

141 84.3 65.1 97.7

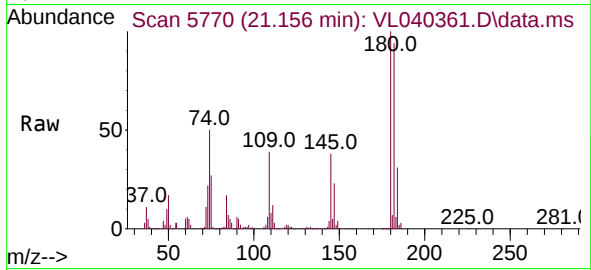
115 45.3 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.858 ppbv
 RT: 21.156 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL041323



Tgt Ion:180 Resp: 159809
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.7 116.5
 184 30.7 24.2 36.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

