

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040513.D
 Acq On : 10 Jul 2023 17:24
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071023

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 18:46:12 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 11 2023

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1085172	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2799808	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2743711	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2102017 9.680 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.739	85	2100888	9.679	ppbv	100
3) Chlorodifluoromethane	2.684	51	1591346	9.252	ppbv	98
4) Chloromethane	2.822	50	623866	9.156	ppbv	95
5) Vinyl Chloride	2.928	62	679060	9.491	ppbv	98
6) Bromomethane	3.128	94	295420	9.782	ppbv	98
7) Chloroethane	3.205	64	248068	9.882	ppbv	91
8) Dichlorotetrafluoroethane	2.864	85	1647946	9.228	ppbv	98
9) Propene	2.703	41	520176	8.834	ppbv	98
10) Heptane	7.590	43	1273242	9.792	ppbv	100
11) Trichlorofluoromethane	3.568	101	1684724	9.619	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.073	101	1181030	9.575	ppbv	97
13) Ethanol	3.250	45	105905	8.266	ppbv	98
14) Bromoethene	3.372	108	533791	10.064	ppbv	98
15) Acetone	3.475	43	1130158	9.048	ppbv	100
16) 1,3-Butadiene	2.993	39	616422	9.782	ppbv	100
17) tert-Butyl alcohol	3.883	59	1252097	9.691	ppbv	99
18) 1,1-Dichloroethene	3.886	96	548408	9.671	ppbv	99
19) Isopropyl Alcohol	3.581	45	699094	9.749	ppbv	100
20) Methylene Chloride	3.938	84	470123	8.848	ppbv	97
21) Allyl Chloride	4.002	41	672460	9.427	ppbv	95
22) trans-1,2-Dichloroethene	4.452	96	564234	10.085	ppbv	95
23) Vinyl Acetate	4.636	43	1292846	10.864	ppbv	98
24) 1,1-Dichloroethane	4.571	63	1143465	9.467	ppbv	100
25) Ethyl Acetate	5.211	43	2288632	9.624	ppbv	99
26) Hexane	5.218	57	1027247	9.298	ppbv	98
27) Carbon Disulfide	4.131	76	1364558	10.501	ppbv	99
28) Methyl tert-Butyl Ether	4.591	73	855186	9.615	ppbv	99
29) Chloroform	5.285	83	1766318	9.639	ppbv	98
30) Cyclohexane	6.610	84	888632	9.667	ppbv	98
31) cis-1,2-Dichloroethene	5.086	61	1085077	9.936	ppbv	99
32) 1,1,1-Trichloroethane	6.012	97	1771370	9.879	ppbv	99
34) 2-Butanone	4.793	43	1401532	10.130	ppbv	99
35) Carbon Tetrachloride	6.504	117	1811060	10.748	ppbv	98
36) Benzene	6.382	78	2200268	9.767	ppbv	99
37) 1,2-Dichloroethane	5.816	62	1341301	10.121	ppbv	98
38) Trichloroethene	7.301	130	883914	10.373	ppbv	95
39) 1,2-Dichloropropane	7.082	63	847482	9.772	ppbv	97
40) 1,4-Dioxane	7.298	88	263554	9.716	ppbv #	94
41) Tetrahydrofuran	5.565	42	807787	10.006	ppbv	100
42) Bromodichloromethane	7.259	83	1897550	10.295	ppbv	99
43) Methyl Methacrylate	7.481	69	889133	10.545	ppbv	97
44) 2,2,4-Trimethylpentane	7.336	57	3526405	9.729	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	651314	12.041	ppbv	97

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

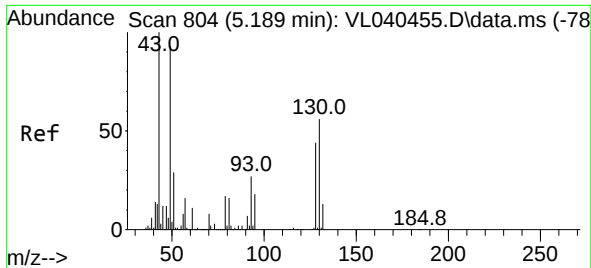
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

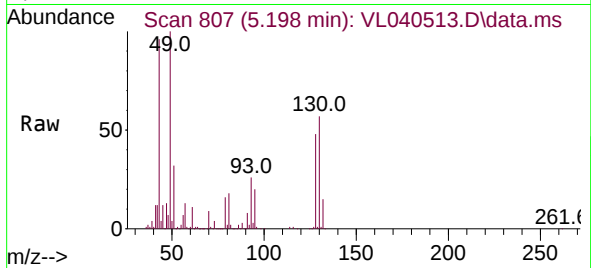
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	780673	11.249	ppbv	95
47) 1,1,2-Trichloroethane	8.909	97	932057	9.741	ppbv	96
48) Dibromochloromethane	9.719	129	1589913	10.747	ppbv	99
49) Bromoform	12.420	173	1307943	11.152	ppbv	99
50) 4-Methyl-2-Pentanone	8.189	43	2095609	10.425	ppbv	98
51) 2-Hexanone	9.558	43	1566967	11.024	ppbv	99
52) Tetrachloroethene	10.626	164	768760	10.538	ppbv	98
53) Toluene	9.234	91	2532498	10.349	ppbv	100
54) 1,2-Dibromoethane	10.021	107	1279605	10.759	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.520	131	1176570	9.575	ppbv	99
57) Chlorobenzene	11.536	112	1967790	9.196	ppbv	97
58) Ethyl Benzene	12.102	91	3470310	10.079	ppbv	100
59) m/p-Xylene	12.385	91	5974591m	19.441	ppbv	
60) o-Xylene	13.073	91	2868702	9.799	ppbv	99
61) Styrene	12.909	104	1476158	10.931	ppbv	98
62) Isopropylbenzene	14.040	105	4218265	9.613	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.057	83	2020390	9.855	ppbv	99
64) n-propylbenzene	14.928	120	1093863	9.635	ppbv	93
65) tert-Butylbenzene	16.101	119	3729686	9.601	ppbv	97
66) Benzyl Chloride	16.336	91	291937	10.623	ppbv	99
67) sec-Butylbenzene	16.648	105	5416106	9.489	ppbv	99
69) p-Isopropyltoluene	17.008	119	4521156	9.585	ppbv	99
70) n-Butylbenzene	17.896	91	5092715	9.682	ppbv	99
71) 2-Chlorotoluene	14.812	91	3322191	9.824	ppbv	99
72) 4-Ethyltoluene	15.201	105	3462222	10.089	ppbv	98
73) 1,3,5-Trimethylbenzene	15.362	105	3024535	9.999	ppbv	95
74) 1,2,4-Trimethylbenzene	16.117	105	3395063	9.626	ppbv	99
75) 1,3-Dichlorobenzene	16.343	146	1989320	9.303	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	1977227	9.430	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1924567	9.413	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1665790	8.675	ppbv	100
79) Naphthalene	21.394	128	3494198	11.710	ppbv	99
80) Naphthalene,2-methyl-	24.381	142	1544762	12.555	ppbv	98
81) 1,2,4-Trichlorobenzene	21.153	180	2042618	9.933	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

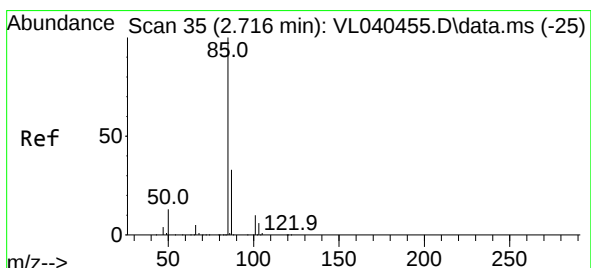
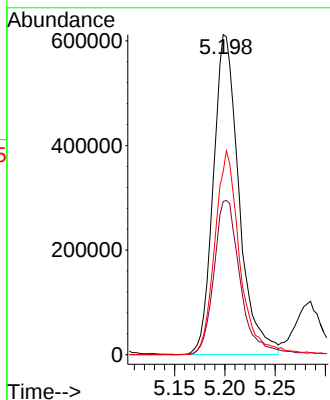
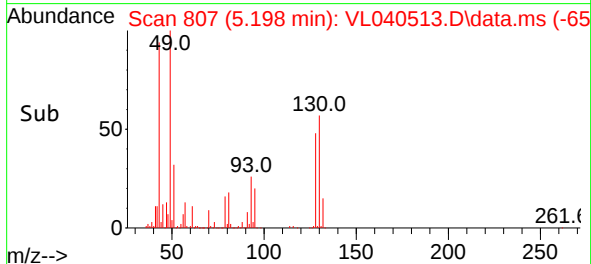
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



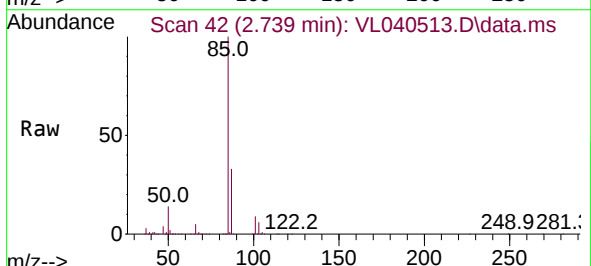
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Ion Ratio Lower Upper
49 100
128 50.1 25.1 75.4
130 63.0 31.6 94.7

Manual Integrations
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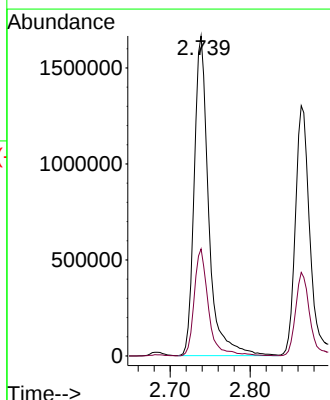
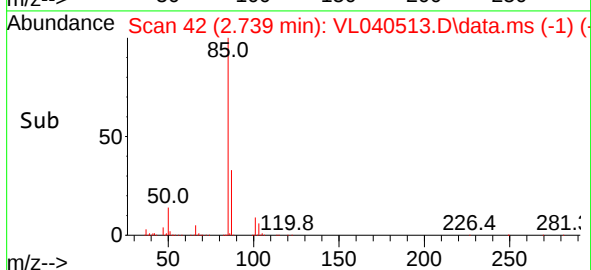
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

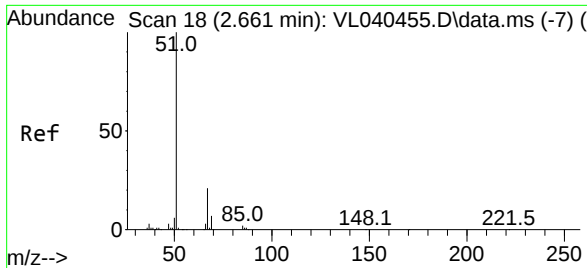


#2
Dichlorodifluoromethane
Concen: 9.679 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



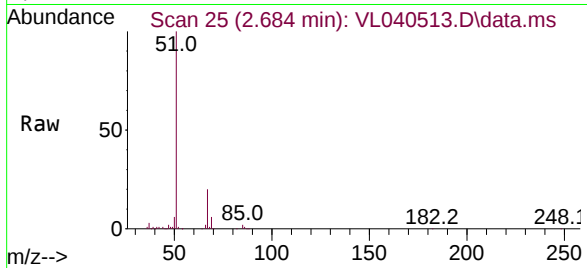
Tgt Ion: 85 Resp: 2100888
Ion Ratio Lower Upper
85 100
87 33.4 26.8 40.2





#3
Chlorodifluoromethane
Concen: 9.252 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

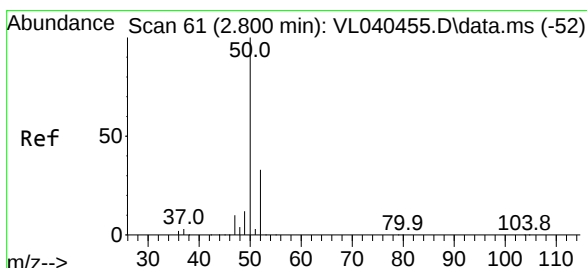
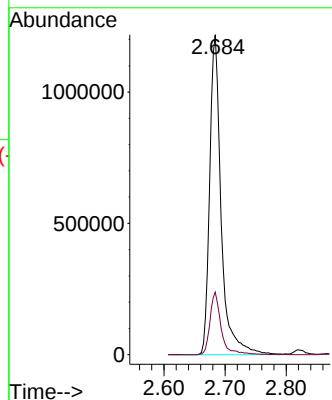
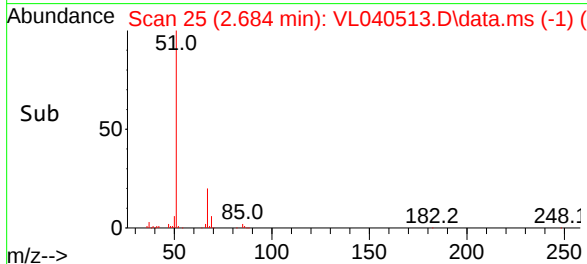
Instrument :
MSVOA_L
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ICVVL071023



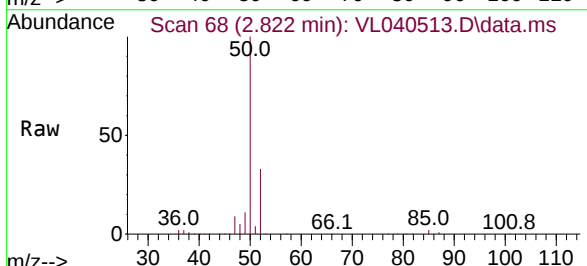
Tgt Ion: 51 Resp: 1591340
Ion Ratio Lower Upper
51 100
67 19.1 14.6 21.8

Manual Integrations
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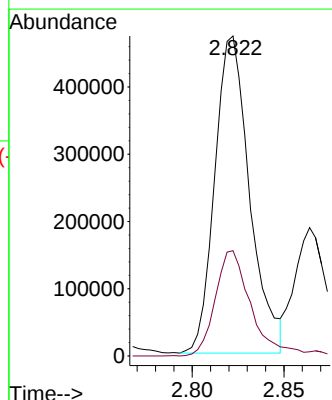
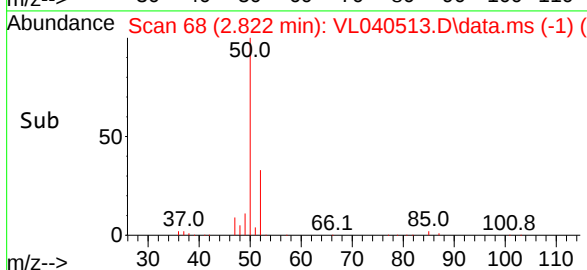
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Supervised By :Mahesh Dadoda 07/11/2023

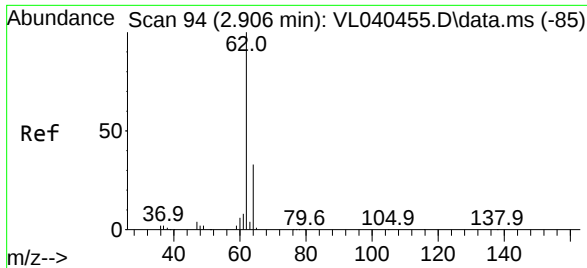


#4
Chloromethane
Concen: 9.156 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



Tgt Ion: 50 Resp: 623866
Ion Ratio Lower Upper
50 100
52 33.2 24.4 36.6





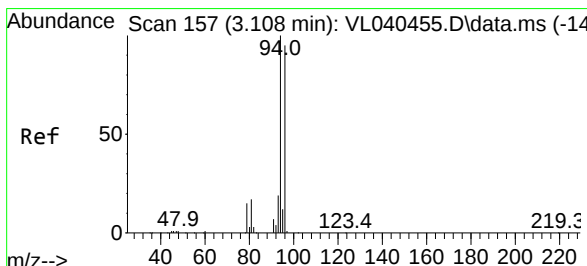
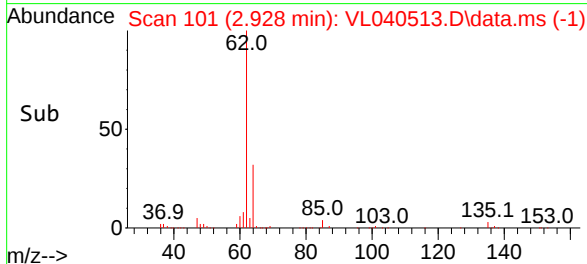
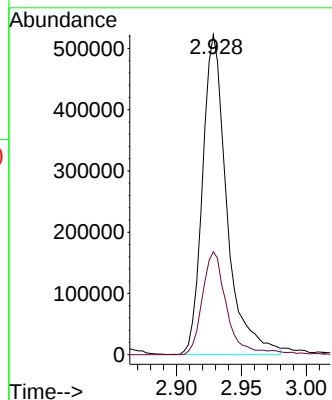
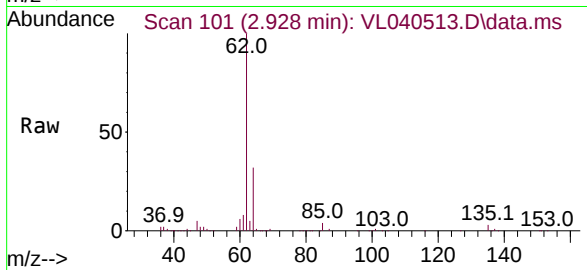
#5
 Vinyl Chloride
 Concen: 9.491 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: VL040513.D
 Acq: 10 Jul 2023 17:24

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071023

Tgt Ion: 62 Resp: 679060
 Ion Ratio Lower Upper
 62 100
 64 32.1 26.4 39.6

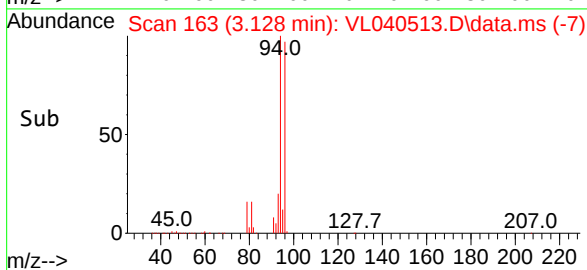
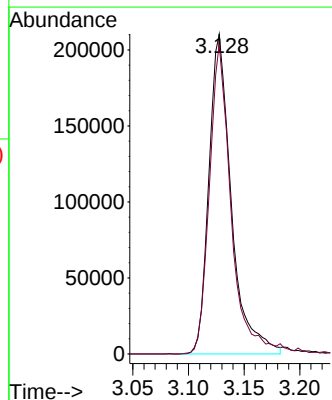
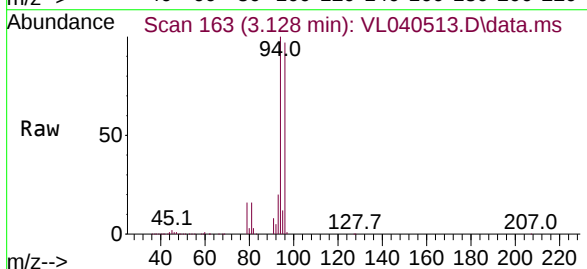
Manual Integrations
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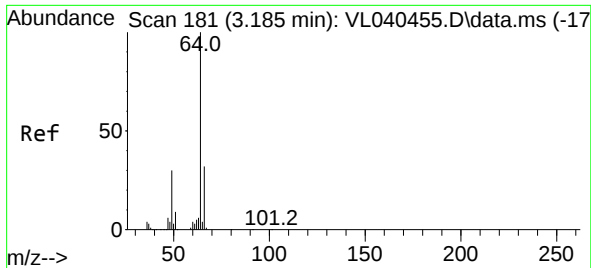
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#6
 Bromomethane
 Concen: 9.782 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VL040513.D
 Acq: 10 Jul 2023 17:24

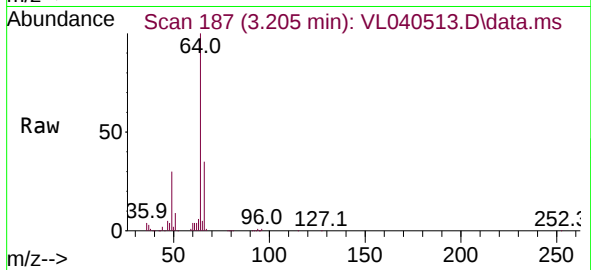
Tgt Ion: 94 Resp: 295420
 Ion Ratio Lower Upper
 94 100
 96 96.8 75.7 113.5





#7
Chloroethane
Concen: 9.882 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

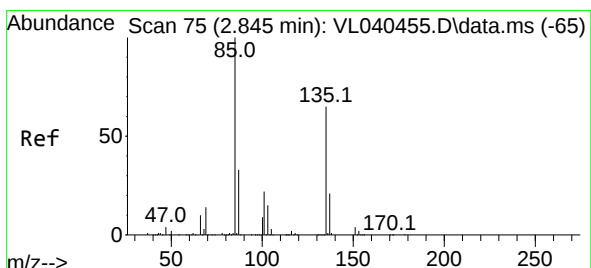
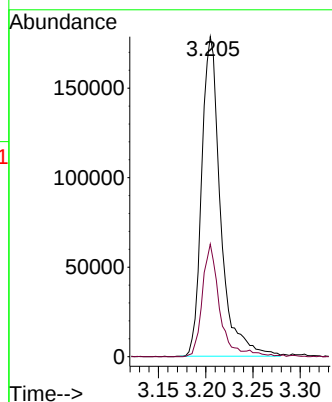
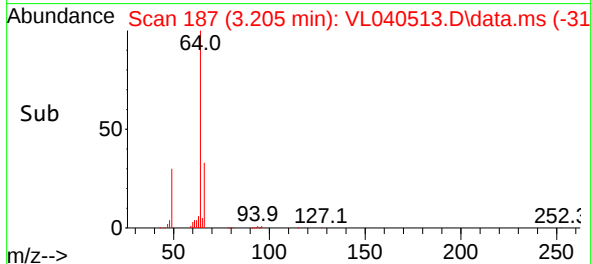
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



Tgt Ion: 64 Resp: 24806
Ion Ratio Lower Upper
64 100
66 35.2 24.4 36.6

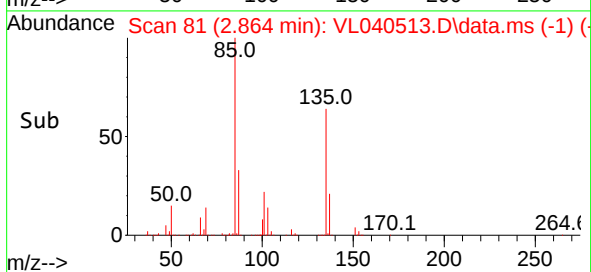
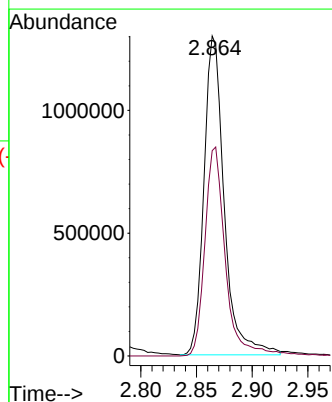
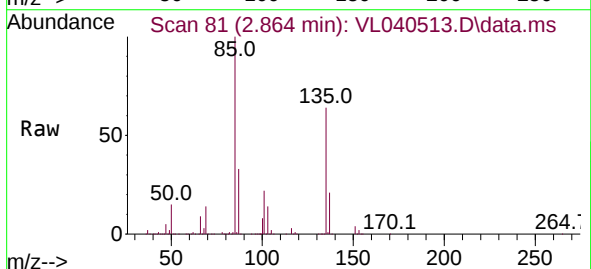
Manual Integrations
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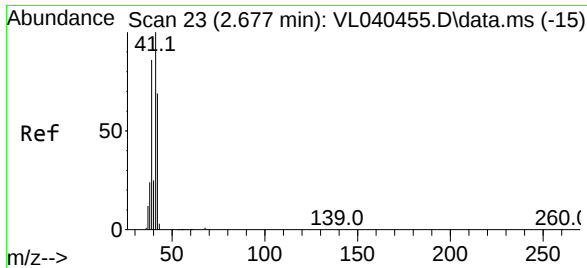
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#8
Dichlorotetrafluoroethane
Concen: 9.228 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

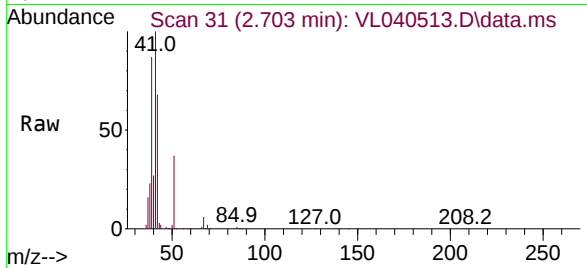
Tgt Ion: 85 Resp: 1647946
Ion Ratio Lower Upper
85 100
135 67.0 52.4 78.6





#9
Propene
Concen: 8.834 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

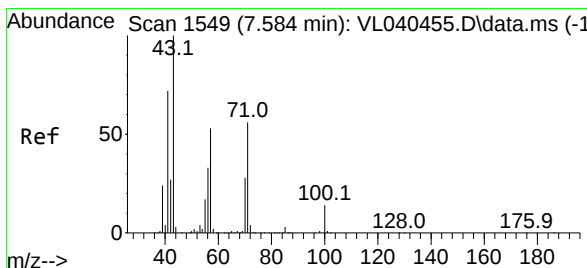
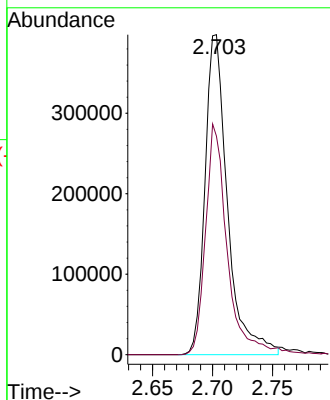
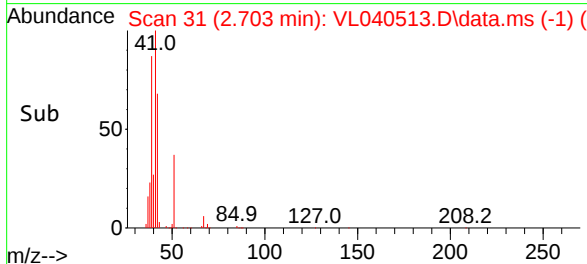
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



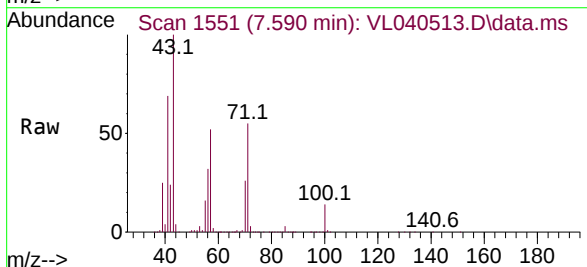
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Ion Ratio Lower Upper
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42 70.2 55.0 82.6

Manual Integrations
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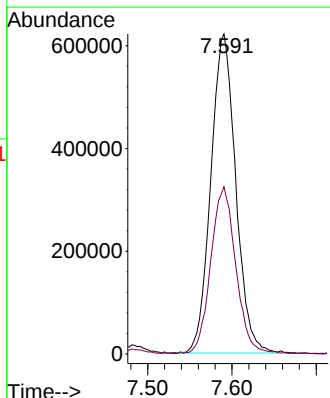
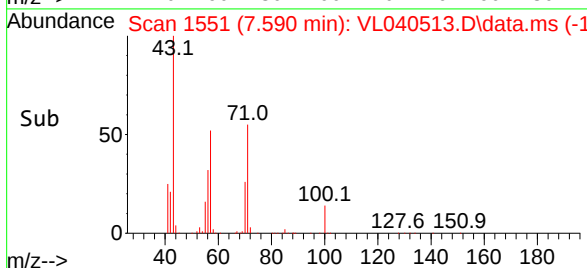
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

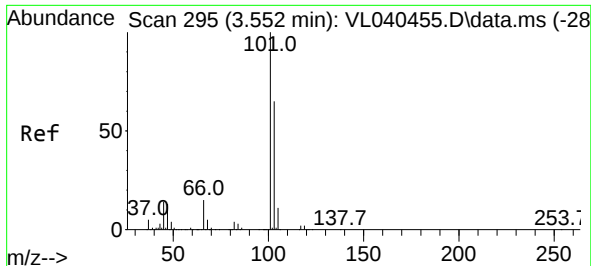


#10
Heptane
Concen: 9.792 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



Tgt Ion: 43 Resp: 1273242
Ion Ratio Lower Upper
43 100
57 52.9 42.5 63.7





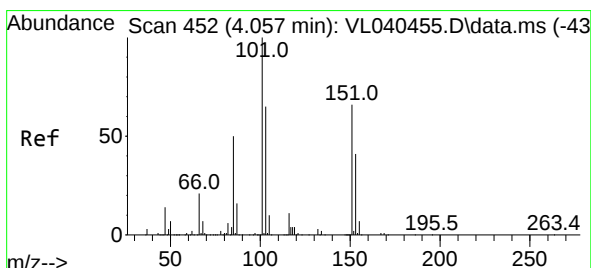
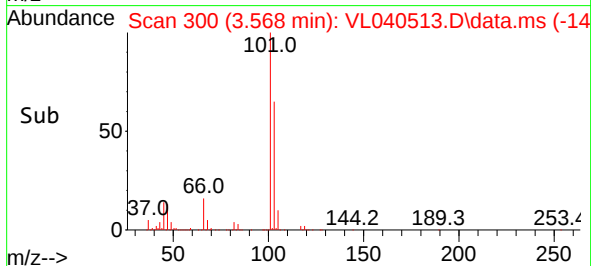
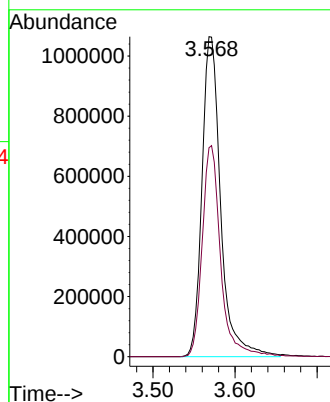
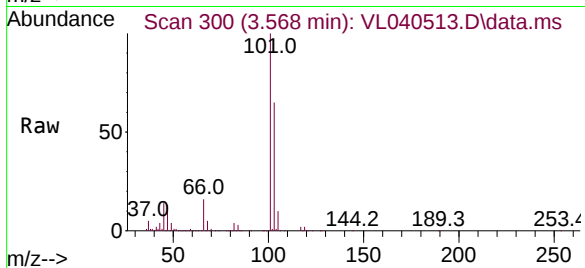
#11
 Trichlorofluoromethane
 Concen: 9.619 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. -0.003 min
 Lab File: VL040513.D
 Acq: 10 Jul 2023 17:24

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071023

Tgt Ion:101 Resp: 1684724
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.4 80.0

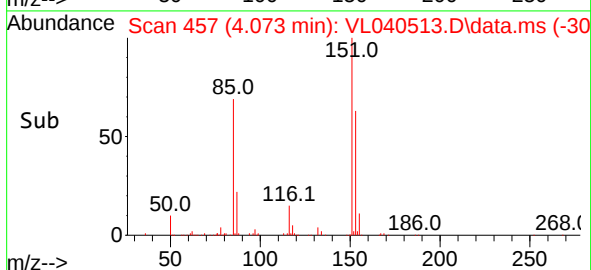
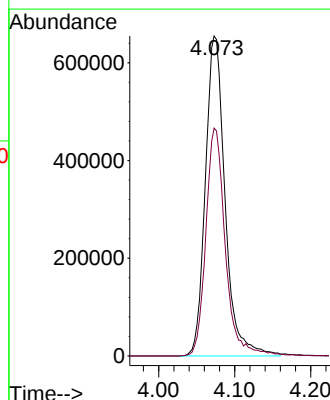
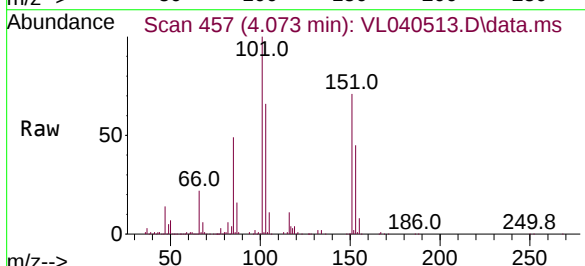
Manual Integrations
 APPROVED

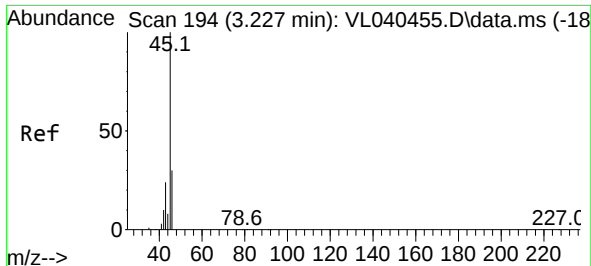
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.575 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.000 min
 Lab File: VL040513.D
 Acq: 10 Jul 2023 17:24

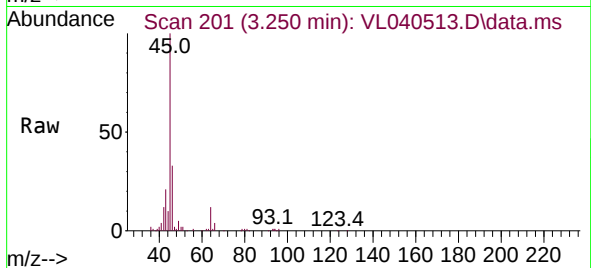
Tgt Ion:101 Resp: 1181030
 Ion Ratio Lower Upper
 101 100
 151 70.6 58.2 87.4





#13
Ethanol
Concen: 8.266 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

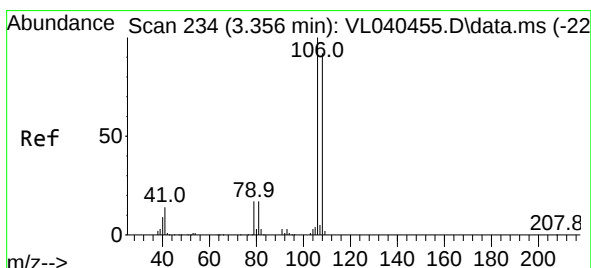
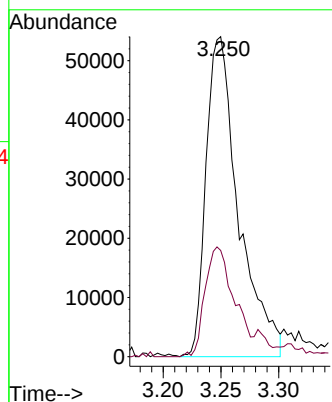
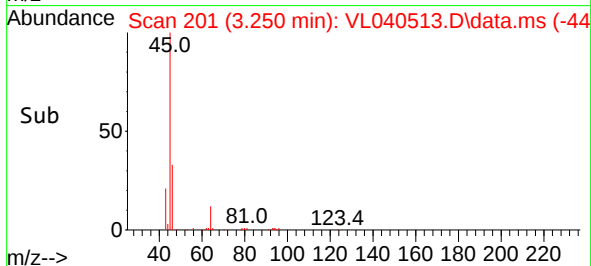
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



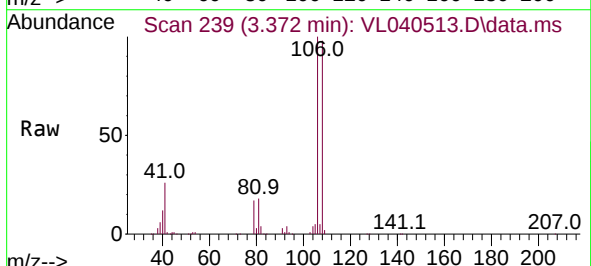
Tgt Ion: 45 Resp: 10590
Ion Ratio Lower Upper
45 100
46 37.1 15.3 61.1

Manual Integrations
APPROVED

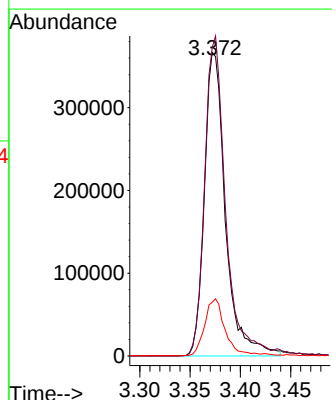
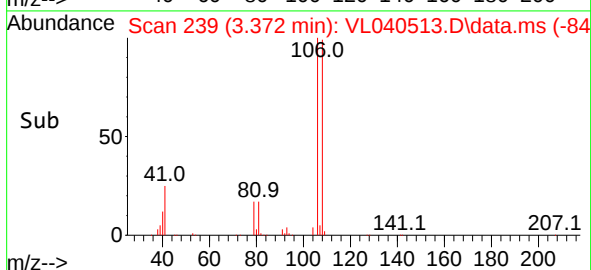
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

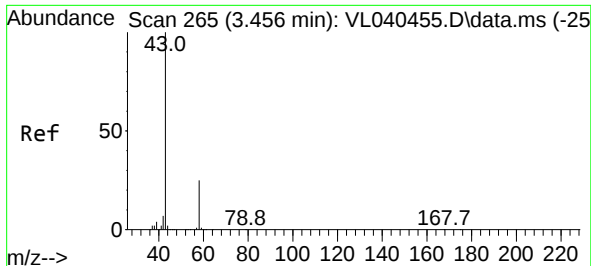


#14
Bromoethene
Concen: 10.064 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



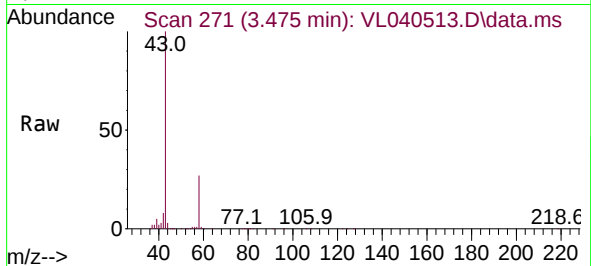
Tgt Ion:108 Resp: 533791
Ion Ratio Lower Upper
108 100
106 106.8 87.2 130.8
79 18.9 15.3 22.9





#15
Acetone
Concen: 9.048 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

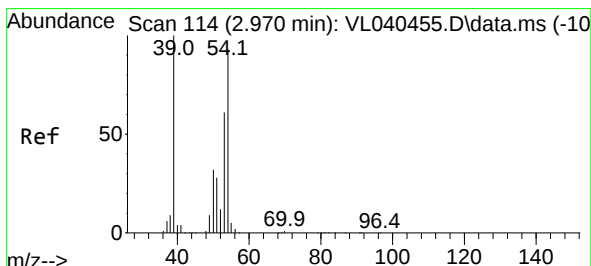
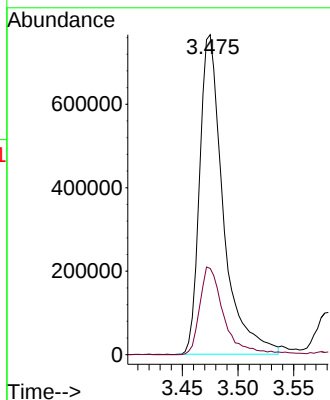
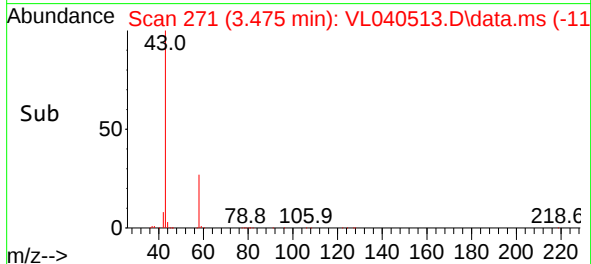
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



Tgt Ion: 43 Resp: 1130158
Ion Ratio Lower Upper
43 100
58 28.4 22.9 34.3

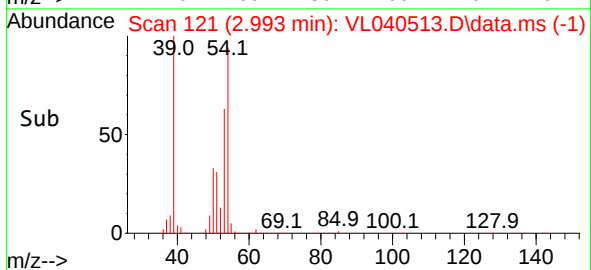
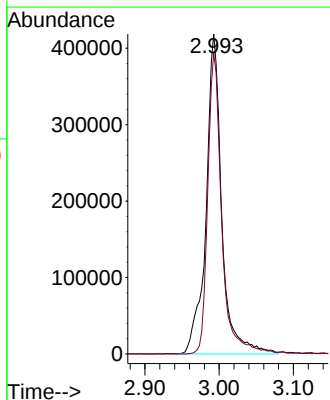
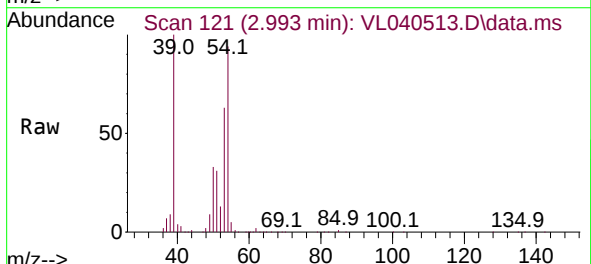
Manual Integrations
APPROVED

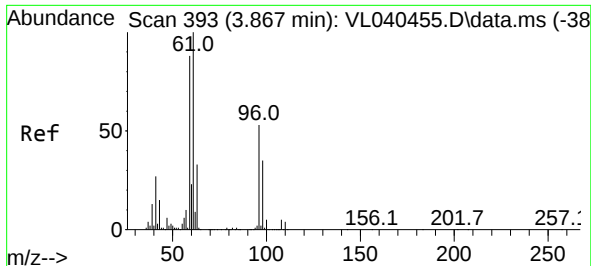
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#16
1,3-Butadiene
Concen: 9.782 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Tgt Ion: 39 Resp: 616422
Ion Ratio Lower Upper
39 100
54 83.5 66.6 100.0





#17

tert-Butyl alcohol

Concen: 9.691 ppbv

RT: 3.883 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL040513.D

Acq: 10 Jul 2023 17:24

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071023

Tgt Ion: 59 Resp: 125209

Ion Ratio Lower Upper

59 100

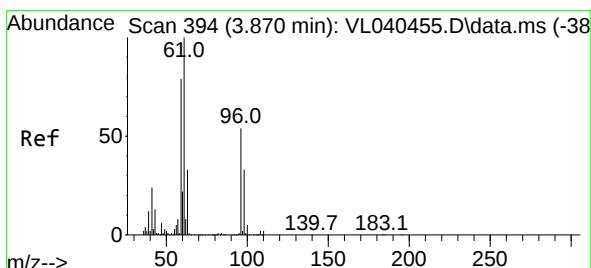
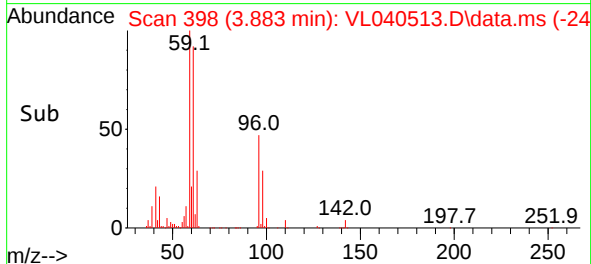
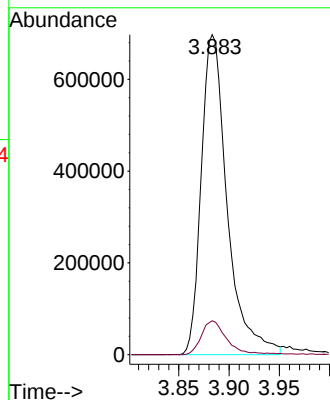
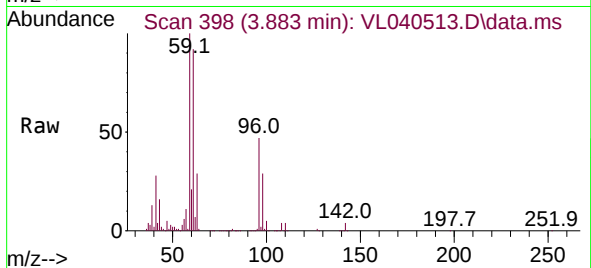
57 10.7 8.7 13.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#18

1,1-Dichloroethene

Concen: 9.671 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.003 min

Lab File: VL040513.D

Acq: 10 Jul 2023 17:24

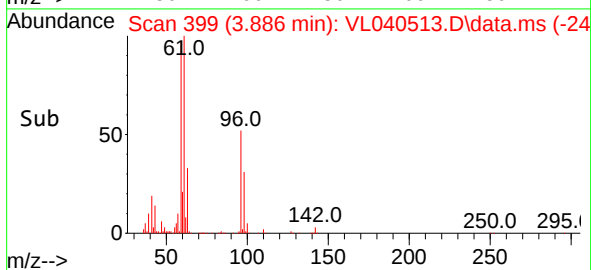
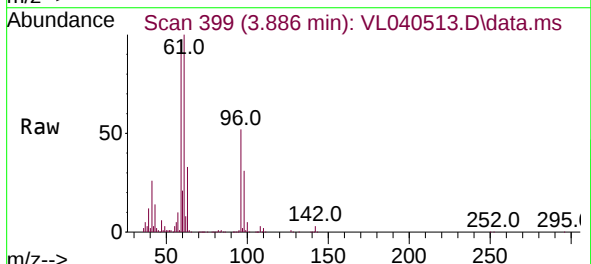
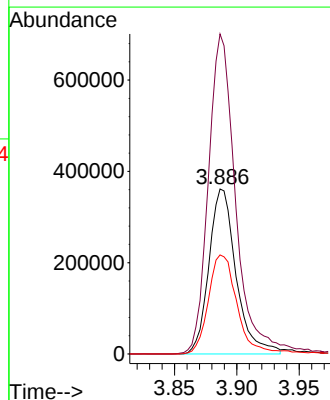
Tgt Ion: 96 Resp: 548408

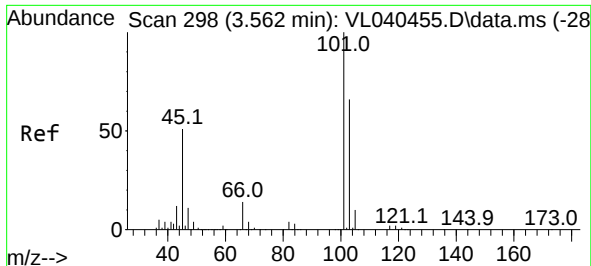
Ion Ratio Lower Upper

96 100

61 193.6 154.4 231.6

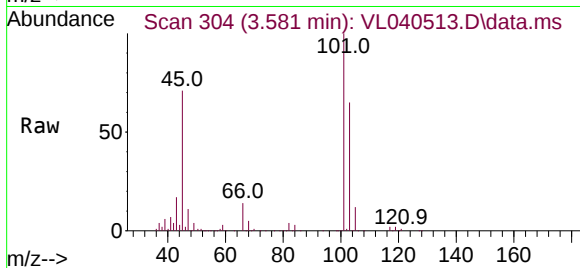
98 60.0 50.0 75.0





#19
Isopropyl Alcohol
Concen: 9.749 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

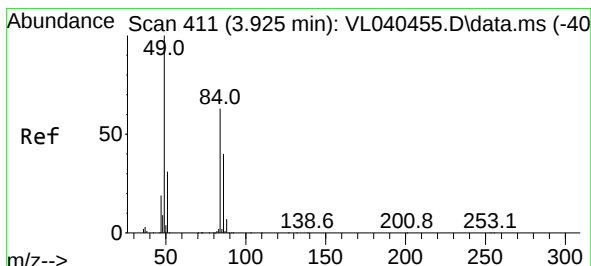
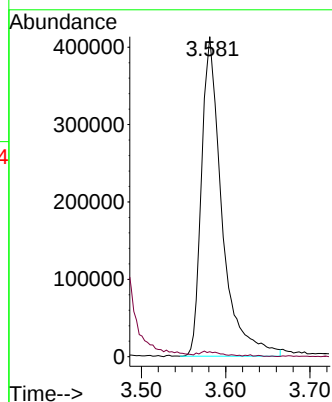
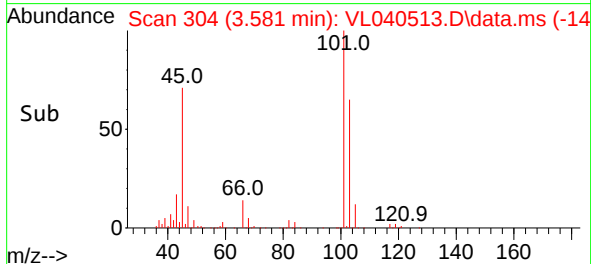
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



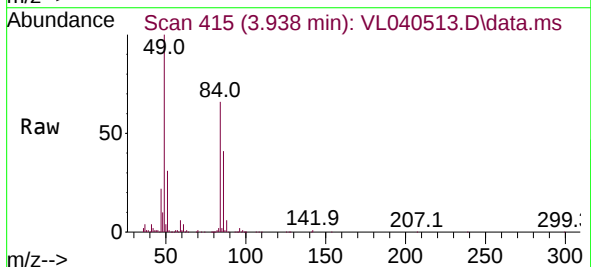
Tgt Ion: 45 Resp: 699094
Ion Ratio Lower Upper
45 100
58 1.5 1.1 1.7

Manual Integrations
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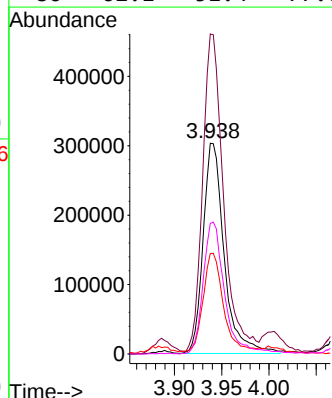
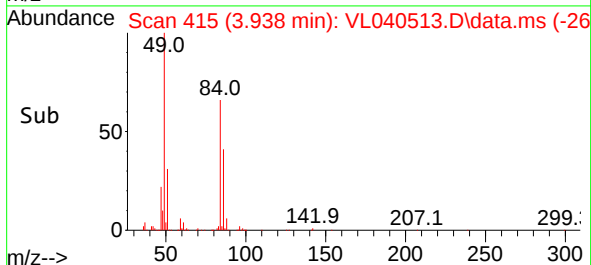
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

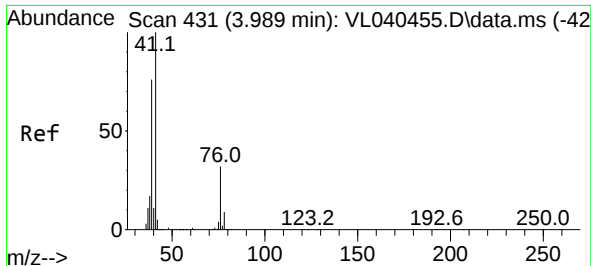


#20
Methylene Chloride
Concen: 8.848 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



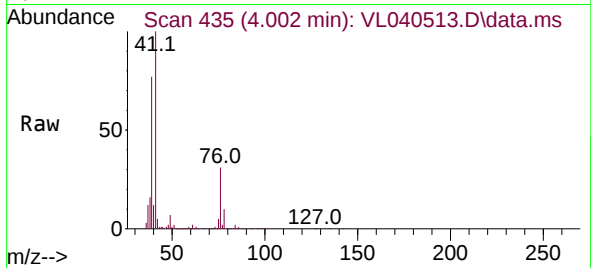
Tgt Ion: 84 Resp: 470123
Ion Ratio Lower Upper
84 100
49 150.7 123.4 185.2
51 46.7 38.3 57.5
86 62.1 51.4 77.0





#21
 Allyl Chloride
 Concen: 9.427 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040513.D
 Acq: 10 Jul 2023 17:24

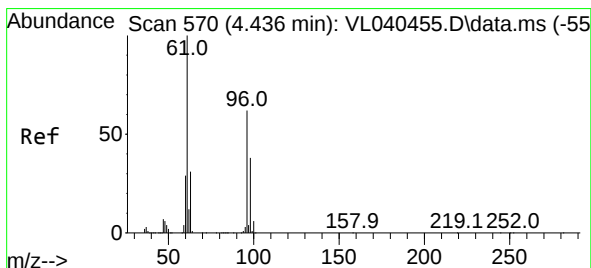
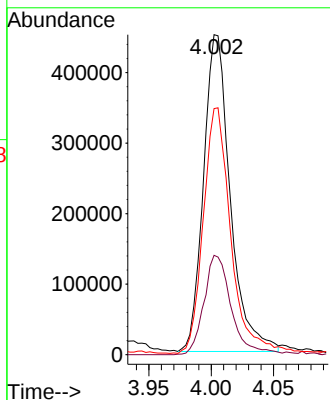
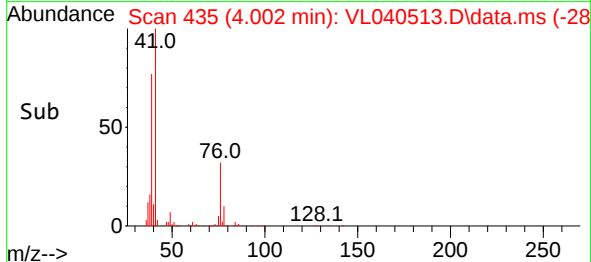
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071023



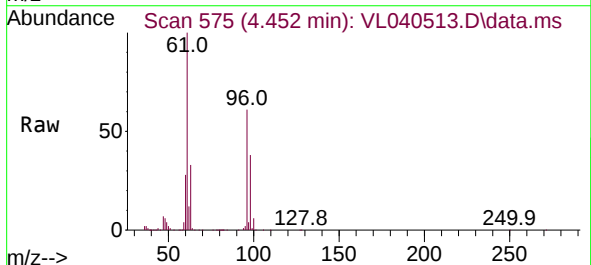
Tgt Ion: 41 Resp: 672460
 Ion Ratio Lower Upper
 41 100
 76 32.6 24.8 37.2
 39 80.3 60.6 91.0

Manual Integrations
 APPROVED

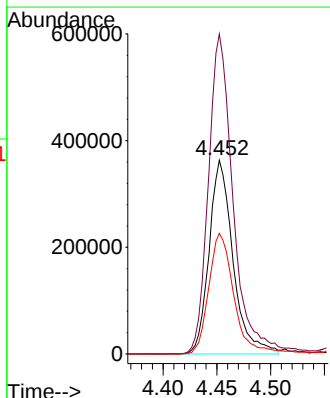
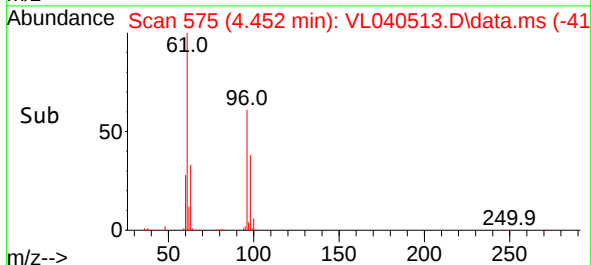
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

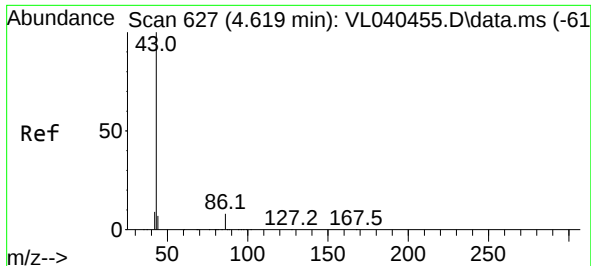


#22
 trans-1,2-Dichloroethene
 Concen: 10.085 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL040513.D
 Acq: 10 Jul 2023 17:24



Tgt Ion: 96 Resp: 564234
 Ion Ratio Lower Upper
 96 100
 61 165.1 137.7 206.5
 98 62.3 52.9 79.3





#23
 Vinyl Acetate
 Concen: 10.864 ppbv
 RT: 4.636 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL040513.D
 Acq: 10 Jul 2023 17:24

Instrument :

MSVOA_L

ClientSampleId :

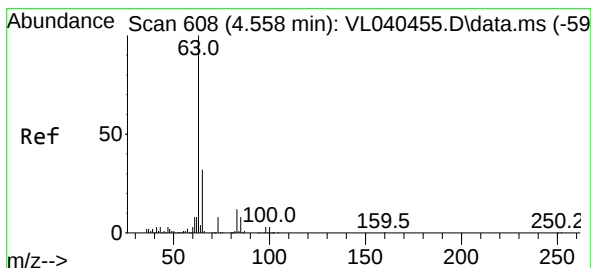
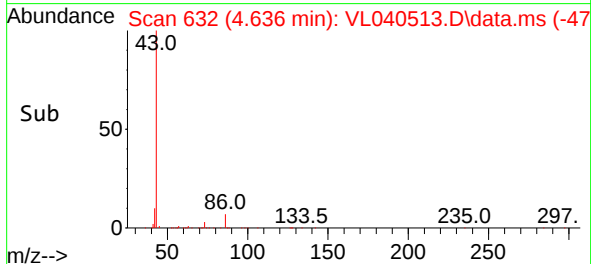
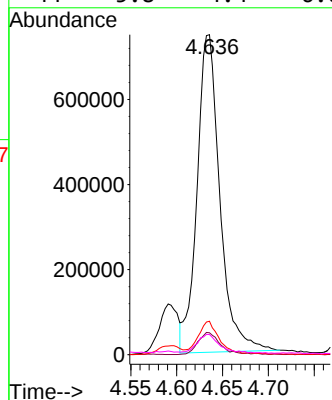
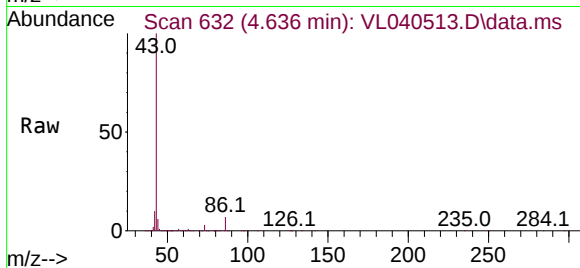
ICVVL071023

Tgt Ion: 43 Resp: 1292840
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.6 8.4
 42 10.3 7.4 11.2
 44 5.8 4.4 6.6

Manual Integrations

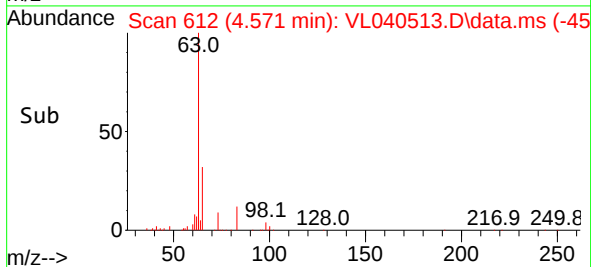
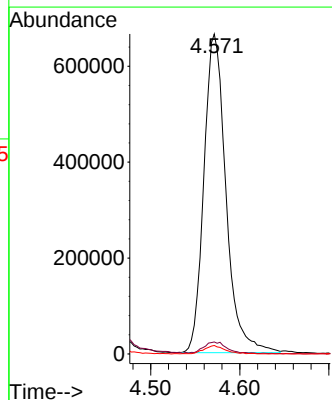
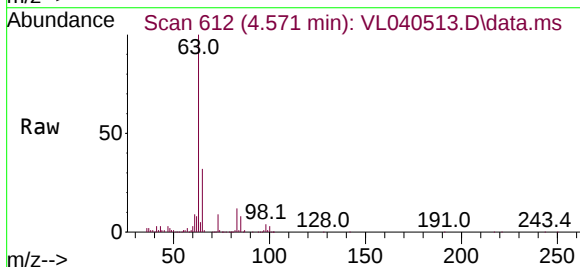
APPROVED

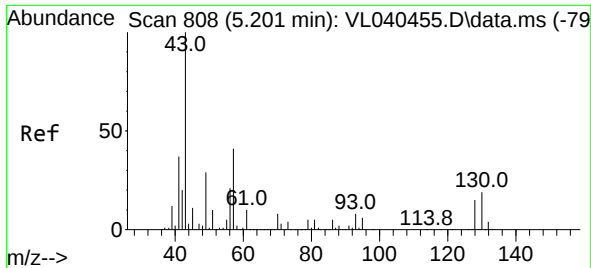
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#24
 1,1-Dichloroethane
 Concen: 9.467 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL040513.D
 Acq: 10 Jul 2023 17:24

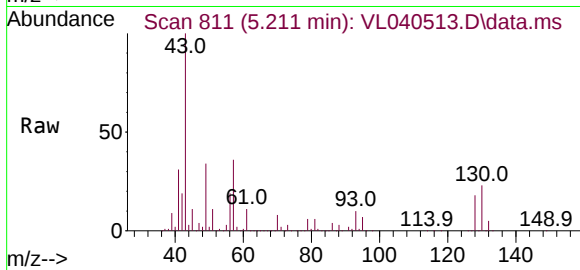
Tgt Ion: 63 Resp: 1143465
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.8 5.5
 100 2.6 1.4 4.0





#25
Ethyl Acetate
Concen: 9.624 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

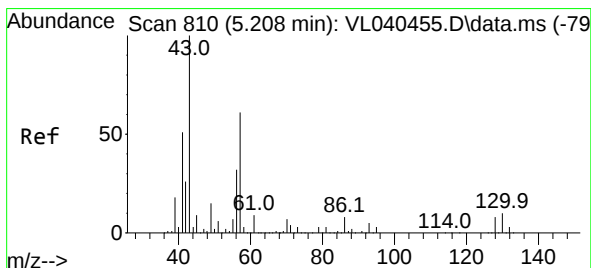
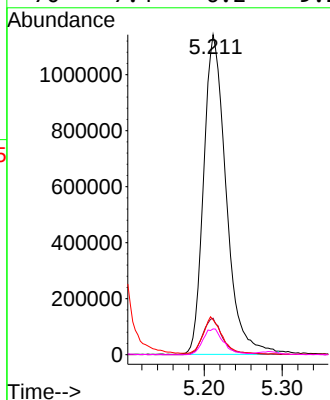
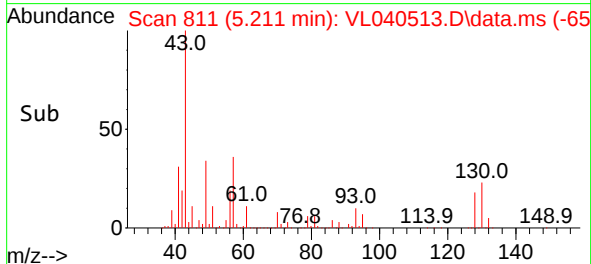
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



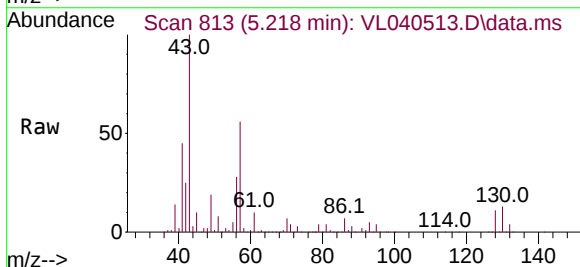
Tgt Ion: 43 Resp: 228863
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 10.3 8.3 12.5
70 7.4 6.2 9.2

Manual Integrations
APPROVED

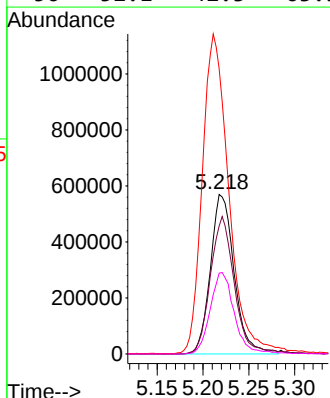
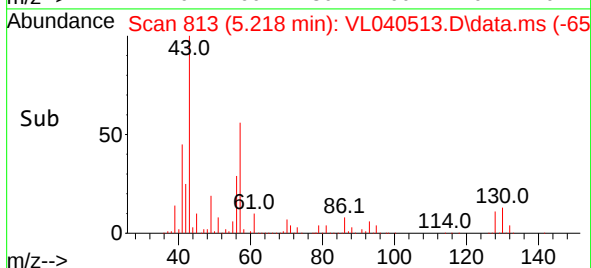
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

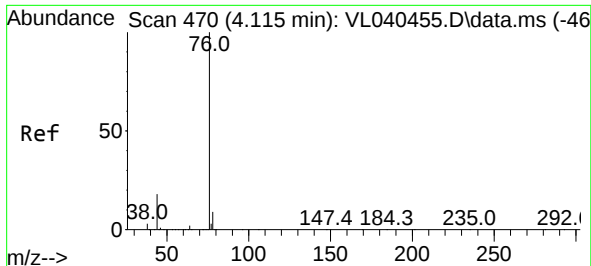


#26
Hexane
Concen: 9.298 ppbv
RT: 5.218 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



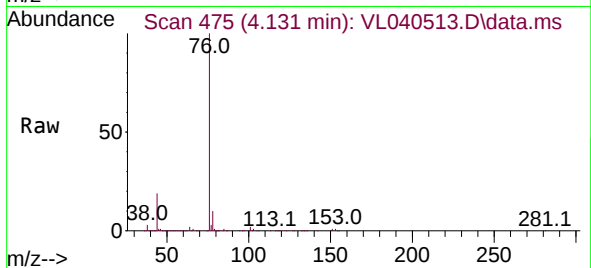
Tgt Ion: 57 Resp: 1027247
Ion Ratio Lower Upper
57 100
41 87.9 69.5 104.3
43 225.0 177.1 265.7
56 52.1 42.3 63.5





#27
Carbon Disulfide
Concen: 10.501 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

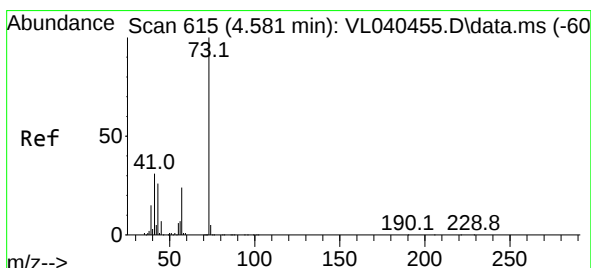
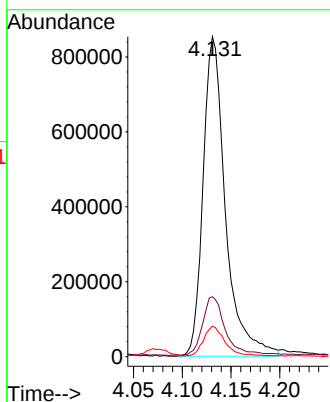
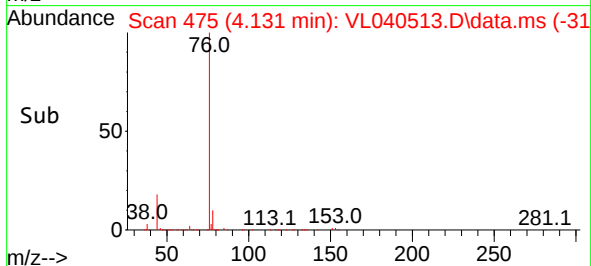
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



Tgt Ion: 76 Resp: 1364558
Ion Ratio Lower Upper
76 100
44 18.7 15.1 22.7
78 10.2 7.5 11.3

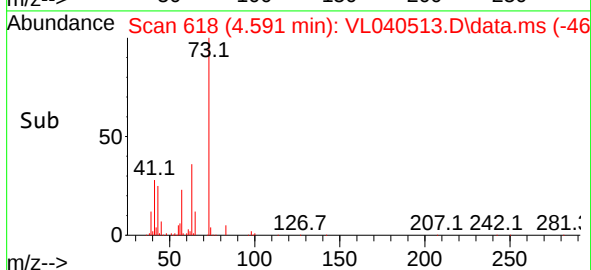
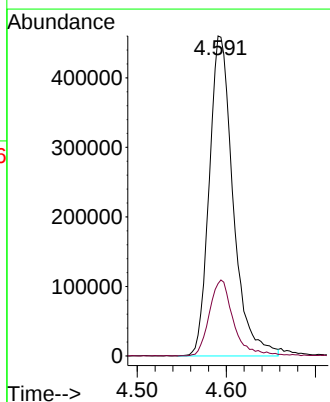
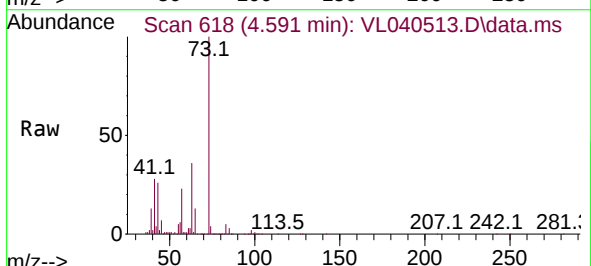
Manual Integrations
APPROVED

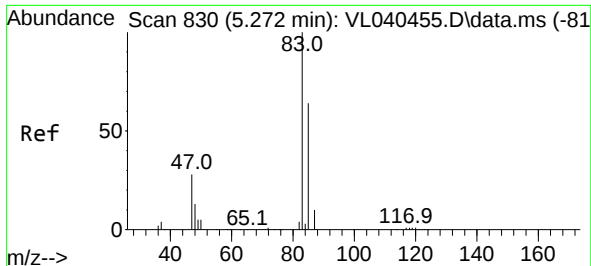
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#28
Methyl tert-Butyl Ether
Concen: 9.615 ppbv
RT: 4.591 min Scan# 618
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Tgt Ion: 73 Resp: 855186
Ion Ratio Lower Upper
73 100
57 24.2 18.8 28.2





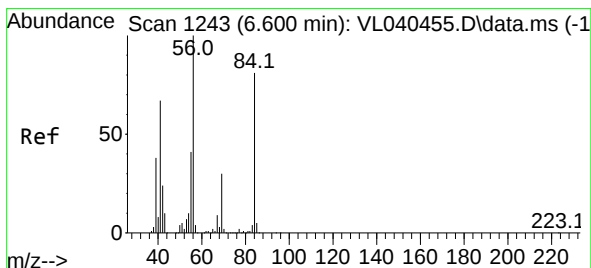
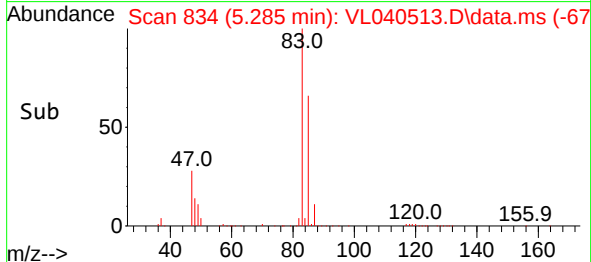
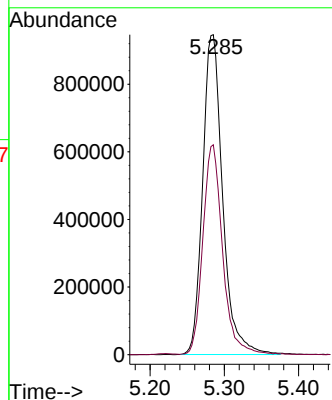
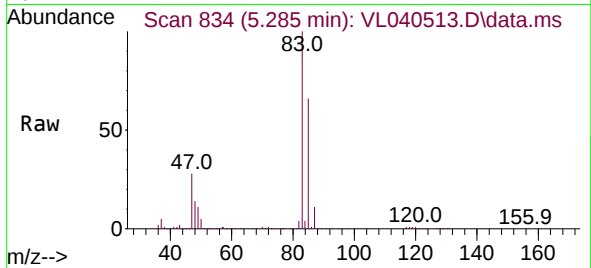
#29
Chloroform
Concen: 9.639 ppbv
RT: 5.285 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023

Tgt Ion: 83 Resp: 1766318
Ion Ratio Lower Upper
83 100
85 65.5 51.1 76.7

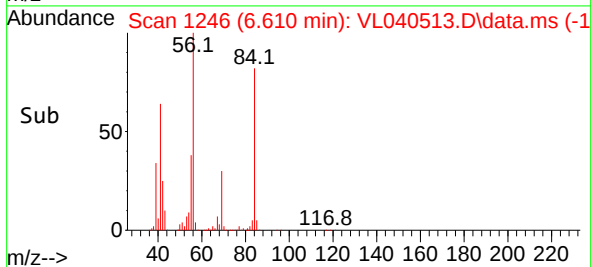
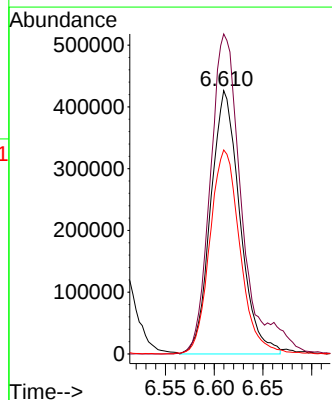
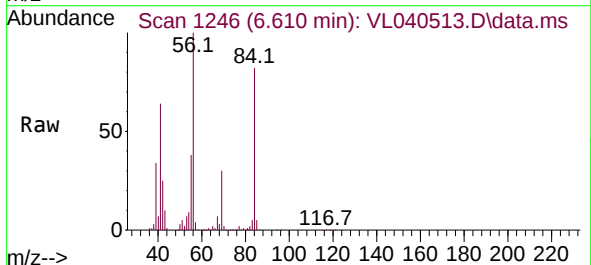
Manual Integrations
APPROVED

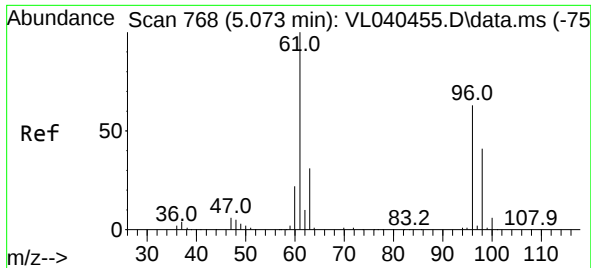
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#30
Cyclohexane
Concen: 9.667 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

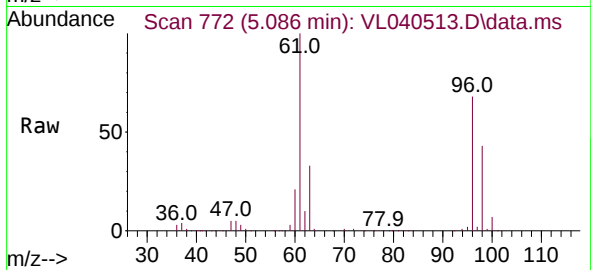
Tgt Ion: 84 Resp: 888632
Ion Ratio Lower Upper
84 100
56 132.1 108.7 163.1
41 79.8 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.936 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040513.D
 Acq: 10 Jul 2023 17:24

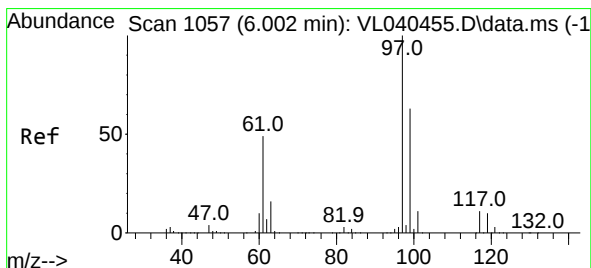
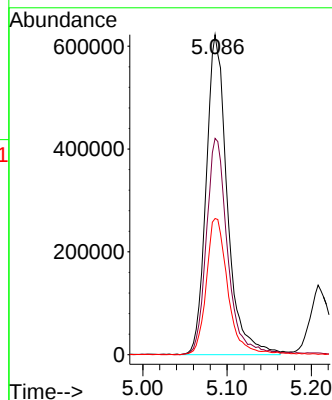
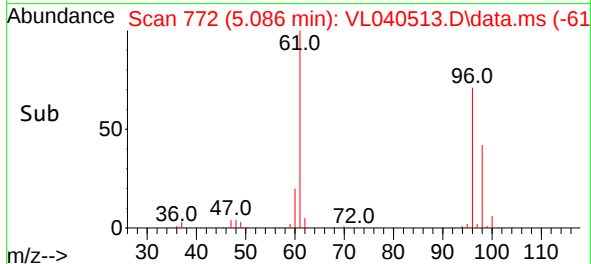
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071023



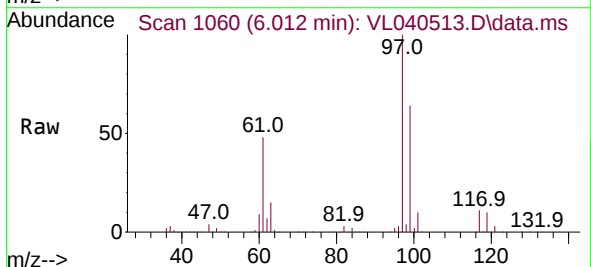
Tgt Ion: 61 Resp: 108507
 Ion Ratio Lower Upper
 61 100
 96 67.6 54.7 82.1
 98 42.6 34.6 52.0

Manual Integrations
 APPROVED

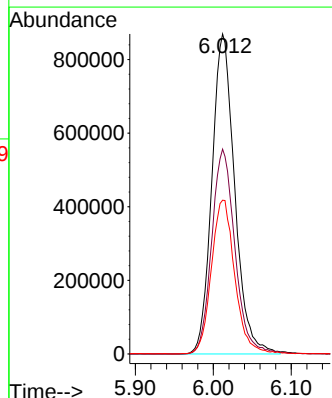
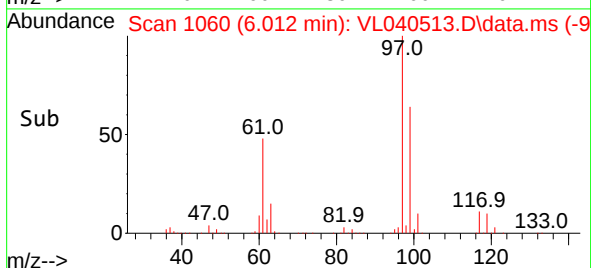
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

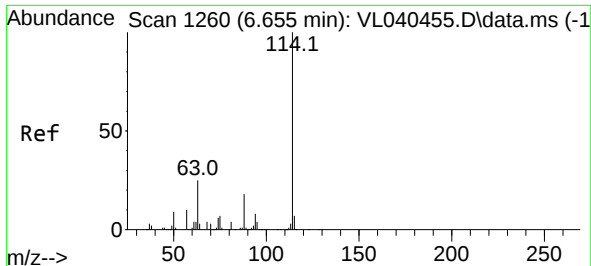


#32
 1,1,1-Trichloroethane
 Concen: 9.879 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.000 min
 Lab File: VL040513.D
 Acq: 10 Jul 2023 17:24



Tgt Ion: 97 Resp: 1771370
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.0 78.0
 61 49.7 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL040513.D

Acq: 10 Jul 2023 17:24

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071023

Tgt Ion:114 Resp: 2799808

Ion Ratio Lower Upper

114 100

63 25.4 19.6 29.4

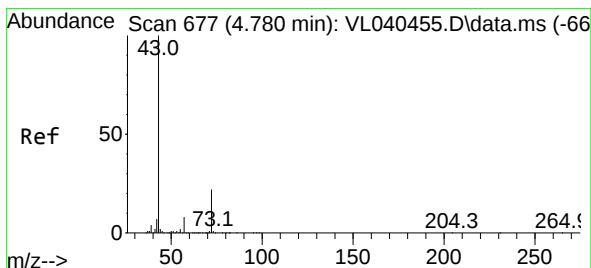
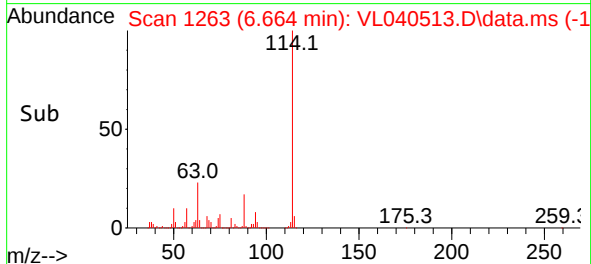
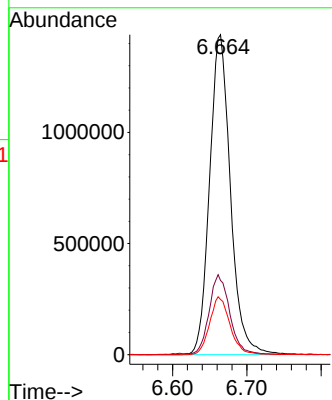
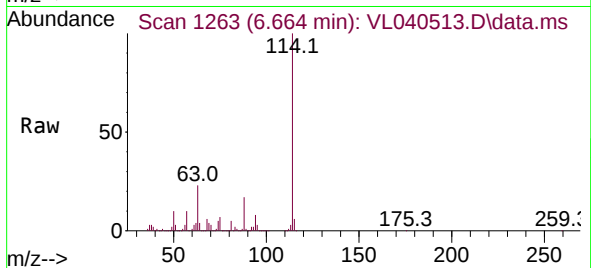
88 17.8 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

2-Butanone

Concen: 10.130 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.000 min

Lab File: VL040513.D

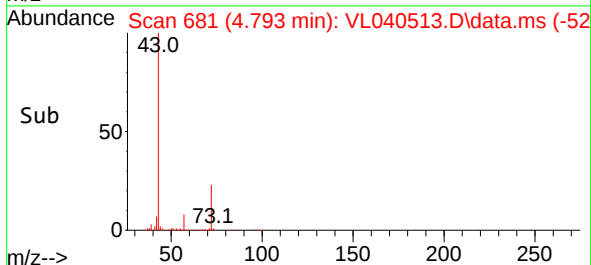
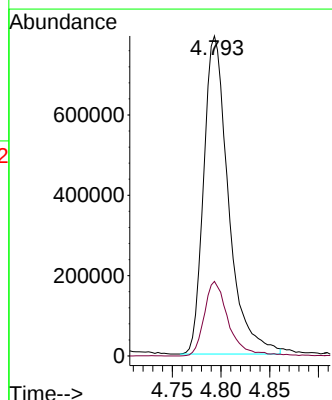
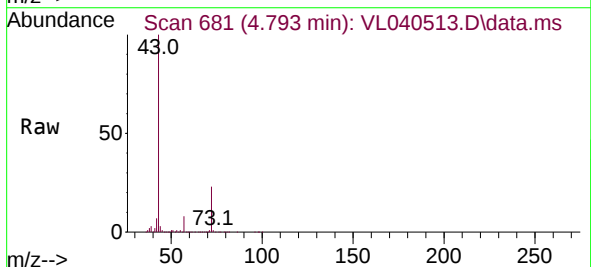
Acq: 10 Jul 2023 17:24

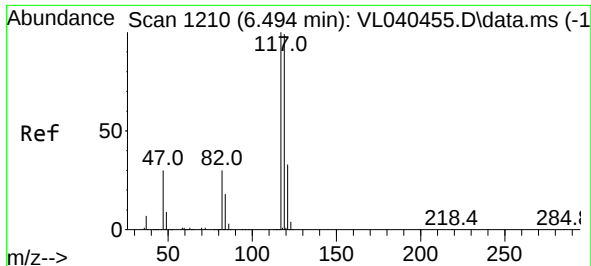
Tgt Ion: 43 Resp: 1401532

Ion Ratio Lower Upper

43 100

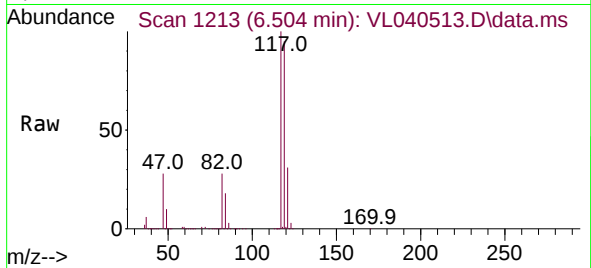
72 23.3 19.1 28.7





#35
Carbon Tetrachloride
Concen: 10.748 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

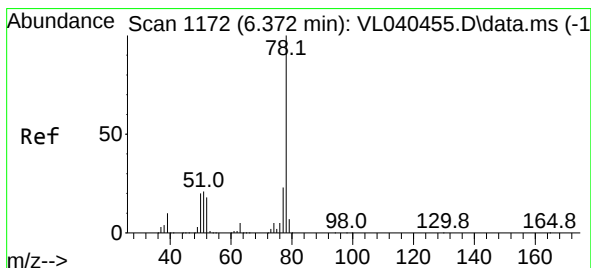
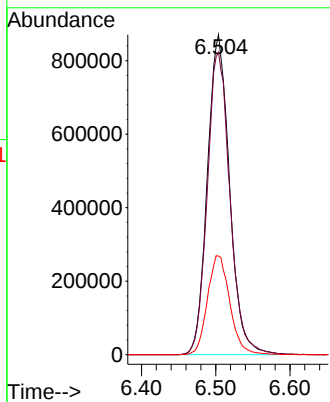
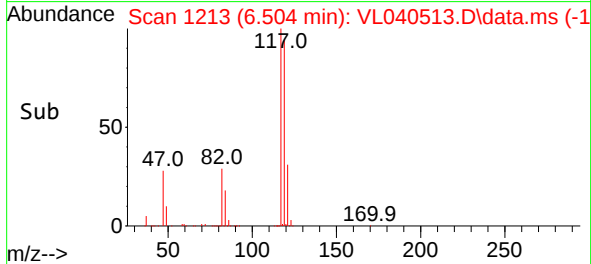
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



Tgt Ion: 117 Resp: 1811060
Ion Ratio Lower Upper
117 100
119 94.5 77.8 116.6
121 30.9 24.8 37.2

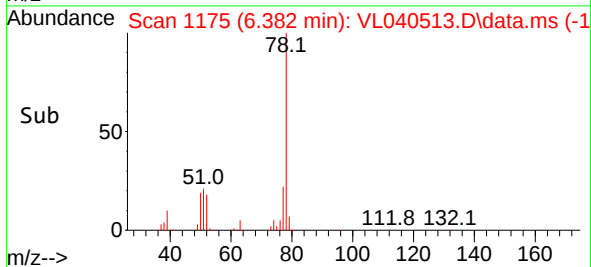
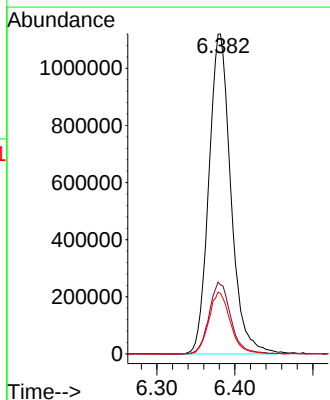
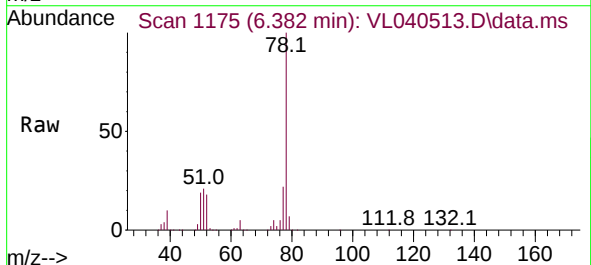
Manual Integrations
APPROVED

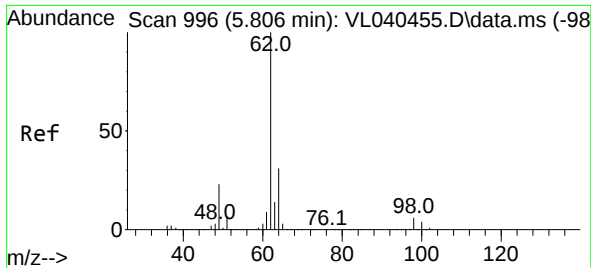
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#36
Benzene
Concen: 9.767 ppbv
RT: 6.382 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Tgt Ion: 78 Resp: 2200268
Ion Ratio Lower Upper
78 100
77 21.6 17.4 26.0
50 18.9 14.4 21.6





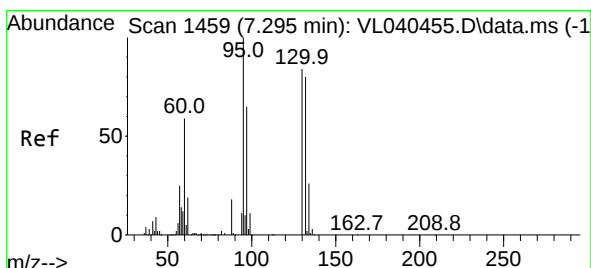
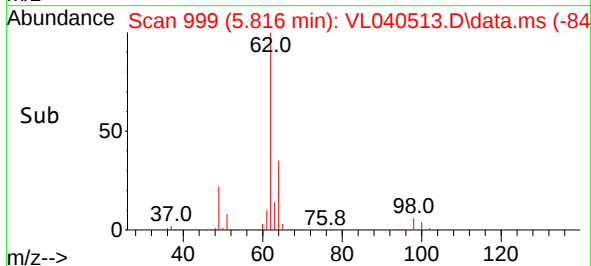
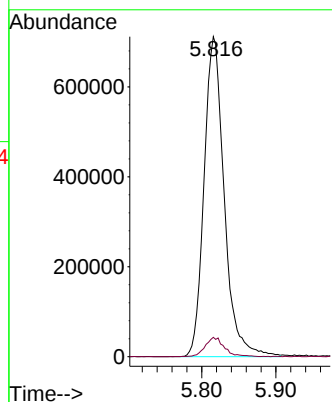
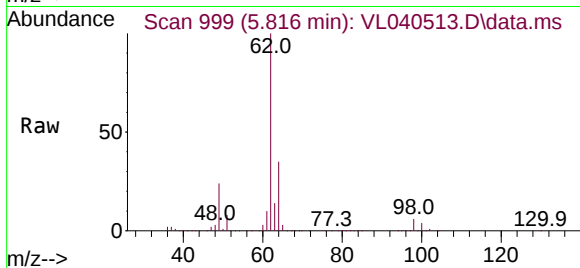
#37
1,2-Dichloroethane
Concen: 10.121 ppbv
RT: 5.816 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023

Tgt Ion: 62 Resp: 134130
Ion Ratio Lower Upper
62 100
98 5.8 5.1 7.7

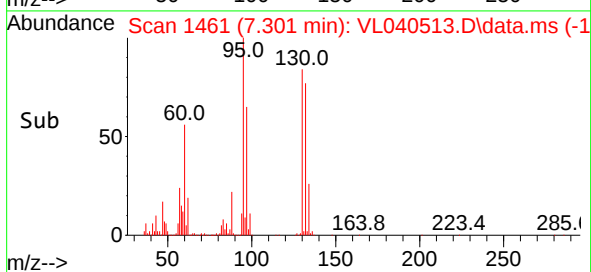
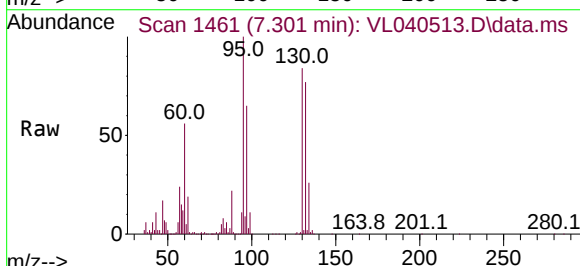
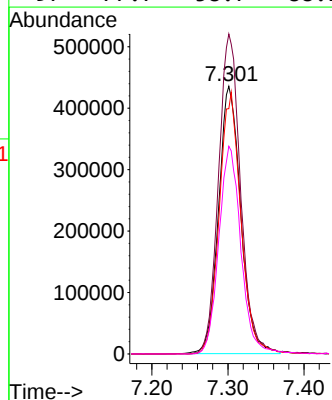
Manual Integrations
APPROVED

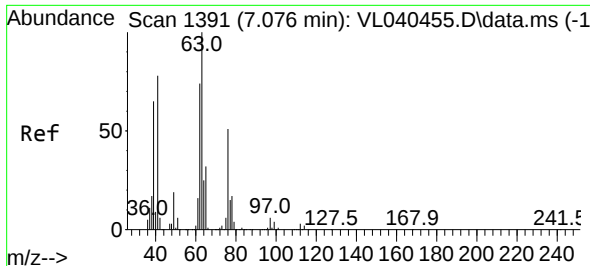
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#38
Trichloroethene
Concen: 10.373 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Tgt Ion:130 Resp: 883914
Ion Ratio Lower Upper
130 100
95 119.6 90.2 135.2
132 91.7 76.3 114.5
97 77.7 58.7 88.1





#39

1,2-Dichloropropane

Concen: 9.772 ppbv

RT: 7.082 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040513.D

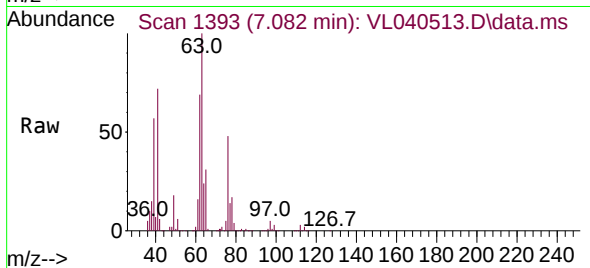
Acq: 10 Jul 2023 17:24

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071023



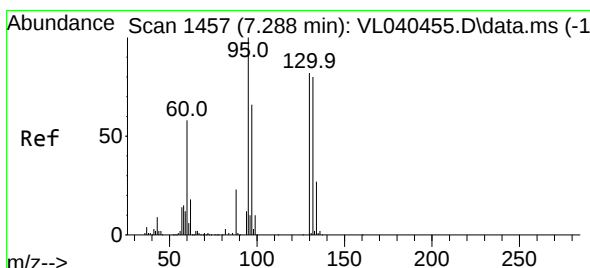
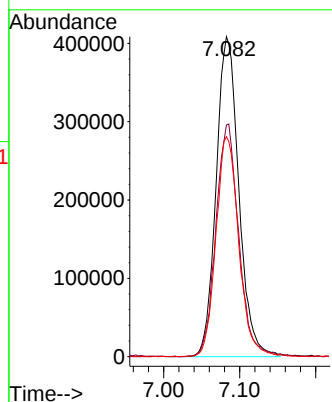
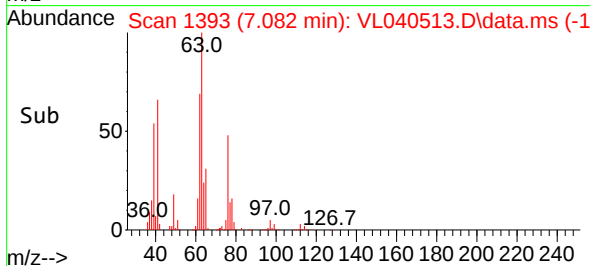
Tgt Ion: 63 Resp: 84748

Ion	Ratio	Lower	Upper
63	100		
41	72.4	54.3	81.5
62	68.7	55.6	83.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#40

1,4-Dioxane

Concen: 9.716 ppbv

RT: 7.298 min Scan# 1460

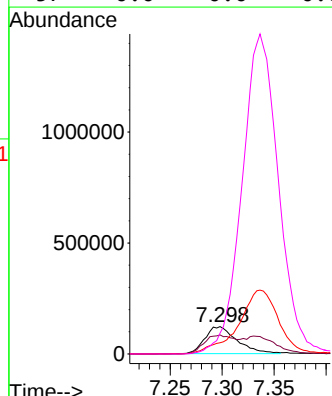
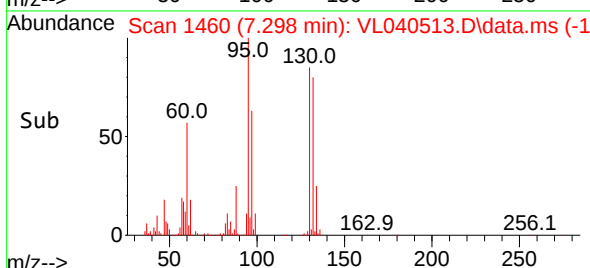
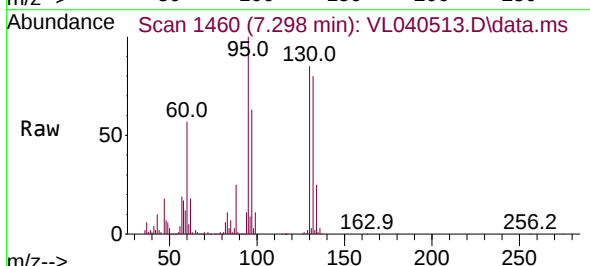
Delta R.T. 0.000 min

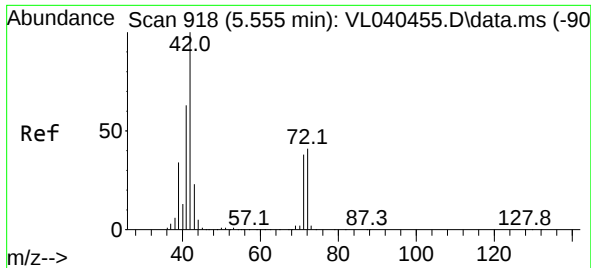
Lab File: VL040513.D

Acq: 10 Jul 2023 17:24

Tgt Ion: 88 Resp: 263554

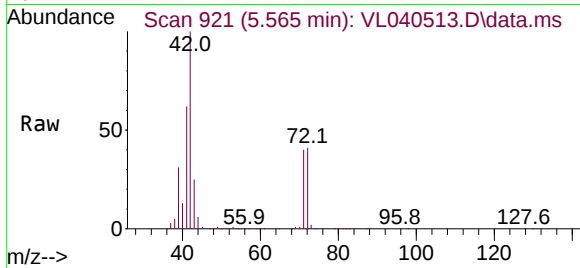
Ion	Ratio	Lower	Upper
88	100		
58	68.4	58.6	88.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.006 ppbv
RT: 5.565 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

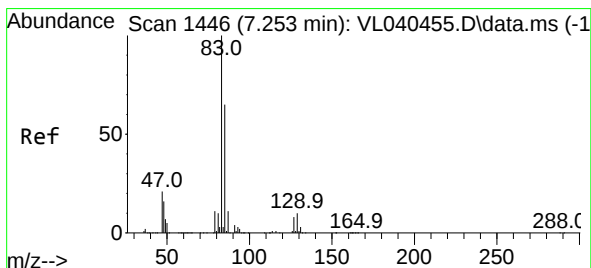
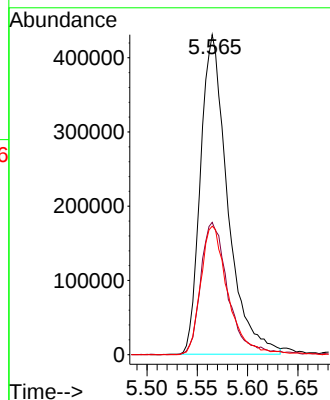
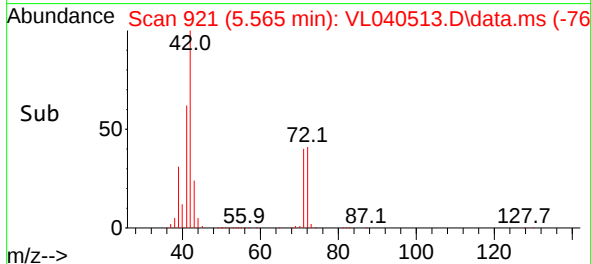
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



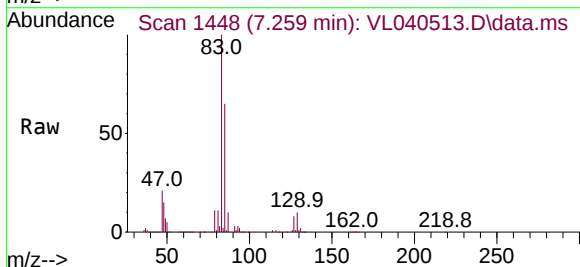
Tgt Ion: 42 Resp: 80778
Ion Ratio Lower Upper
42 100
72 42.5 33.8 50.8
71 40.9 33.0 49.6

Manual Integrations
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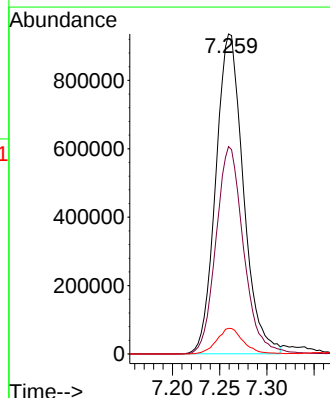
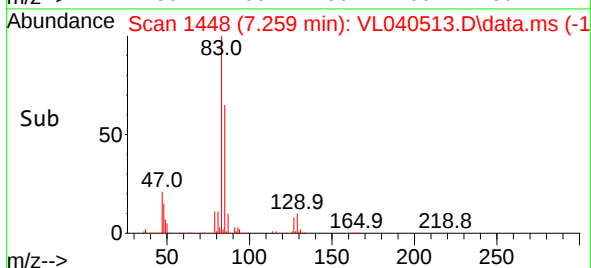
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

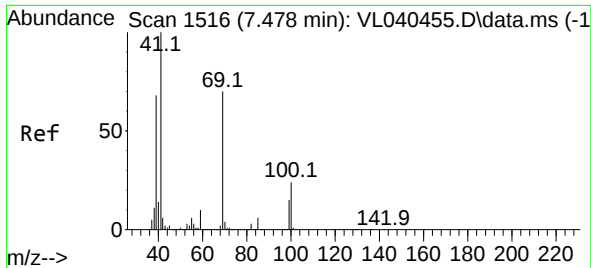


#42
Bromodichloromethane
Concen: 10.295 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



Tgt Ion: 83 Resp: 1897550
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7
127 8.0 6.5 9.7





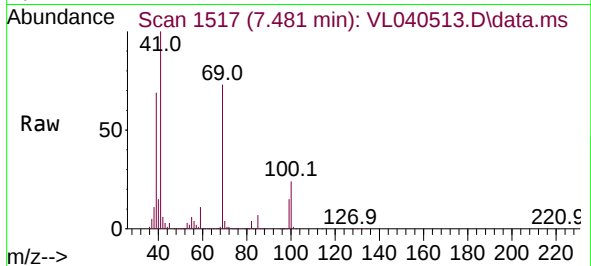
#43
Methyl Methacrylate
Concen: 10.545 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071023

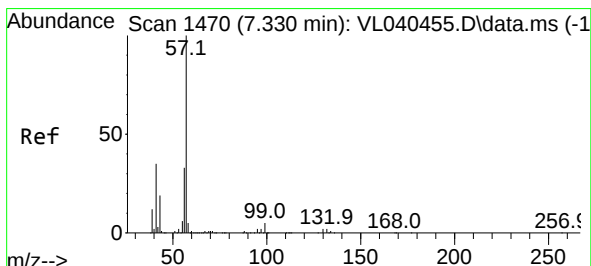
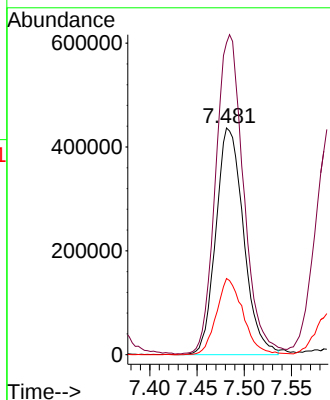
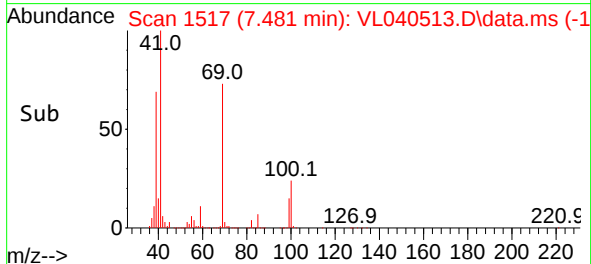


Tgt Ion: 69 Resp: 88913
Ion Ratio Lower Upper
69 100
41 142.9 111.7 167.5
100 32.6 26.9 40.3

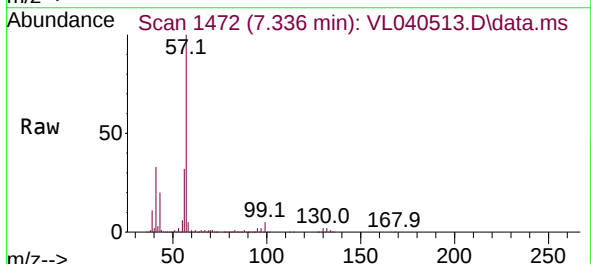
Manual Integrations

APPROVED

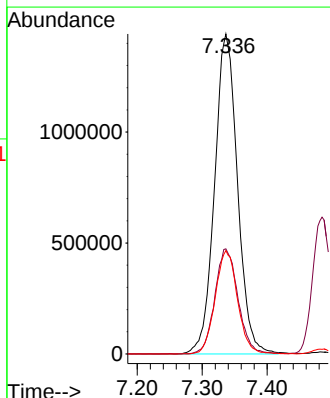
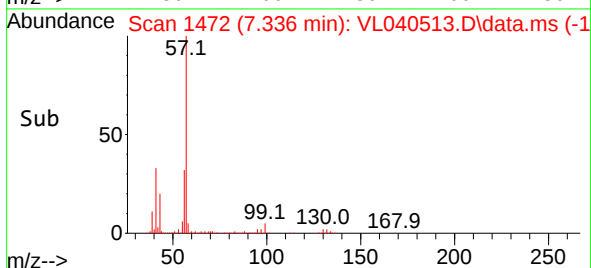
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

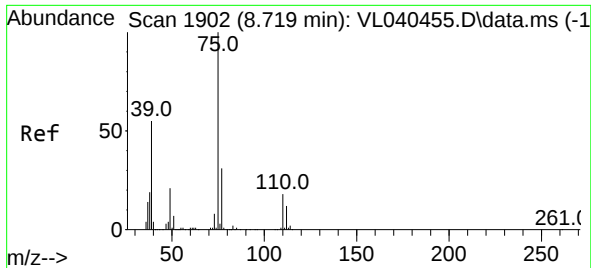


#44
2,2,4-Trimethylpentane
Concen: 9.729 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



Tgt Ion: 57 Resp: 3526405
Ion Ratio Lower Upper
57 100
41 33.3 25.5 38.3
56 31.5 25.1 37.7





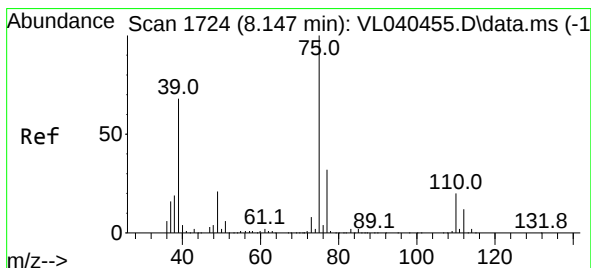
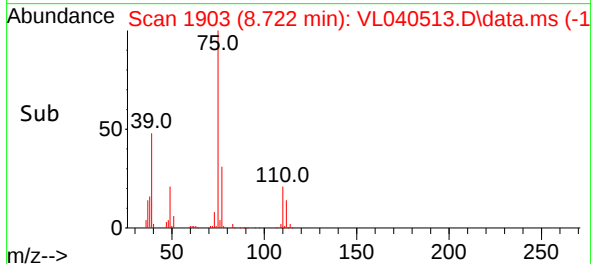
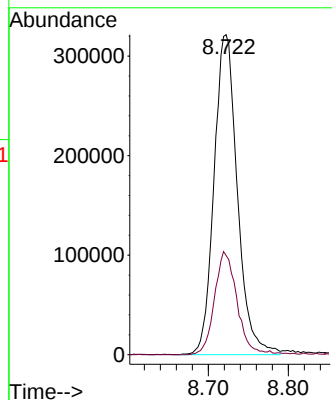
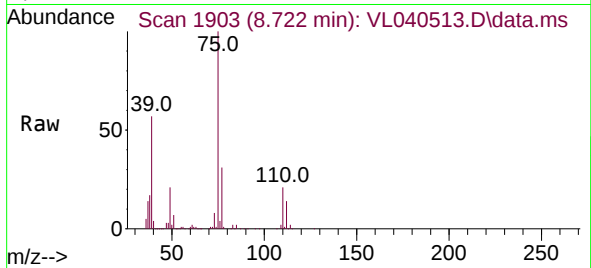
#45
t-1,3-Dichloropropene
Concen: 12.041 ppbv
RT: 8.722 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023

Tgt Ion: 75 Resp: 651314
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0

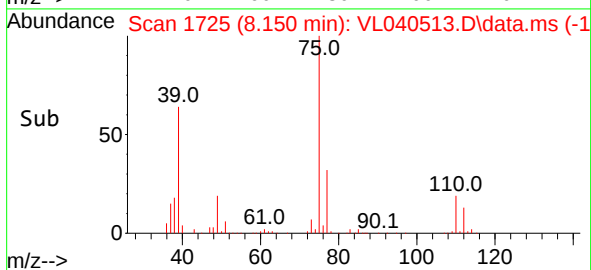
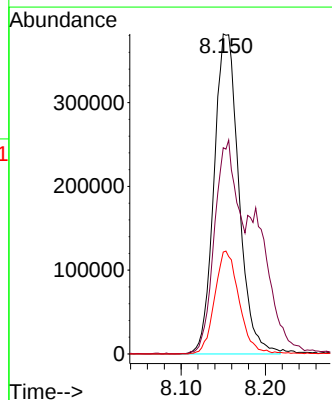
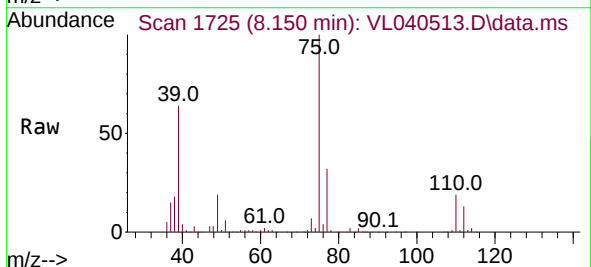
Manual Integrations
APPROVED

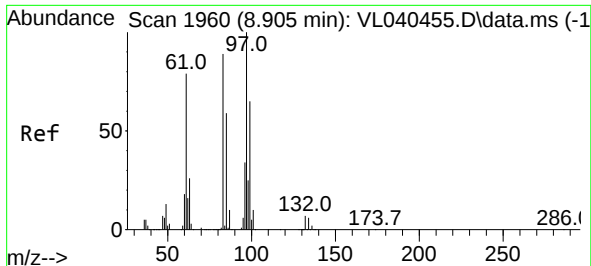
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#46
cis-1,3-Dichloropropene
Concen: 11.249 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Tgt Ion: 75 Resp: 780673
Ion Ratio Lower Upper
75 100
39 64.3 48.0 72.0
77 31.9 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 9.741 ppbv

RT: 8.909 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VL040513.D

Acq: 10 Jul 2023 17:24

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071023

Tgt Ion: 97 Resp: 93205

Ion Ratio Lower Upper

97 100

83 84.7 73.4 110.0

85 57.2 46.6 70.0

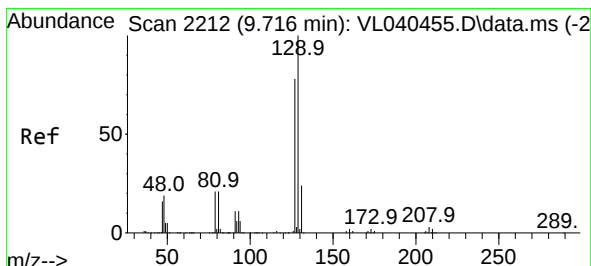
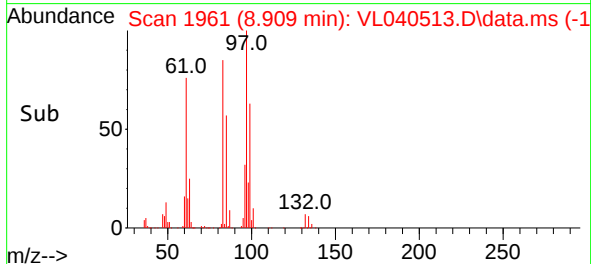
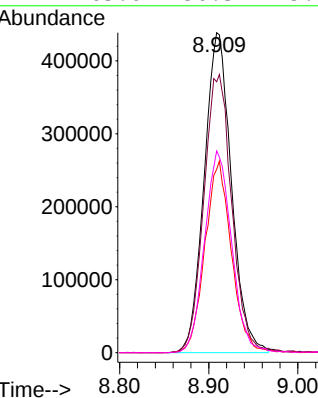
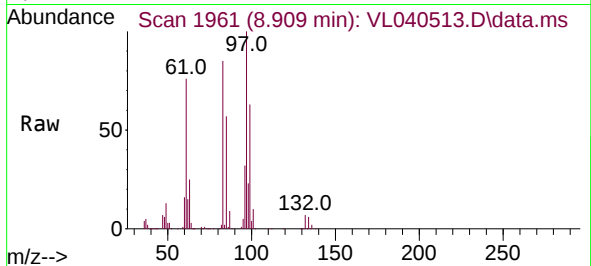
99 63.0 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#48

Dibromochloromethane

Concen: 10.747 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. -0.003 min

Lab File: VL040513.D

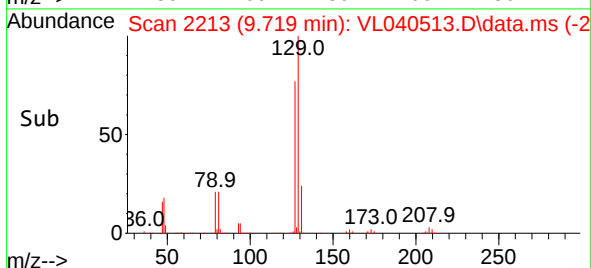
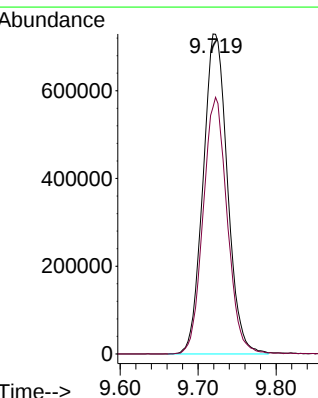
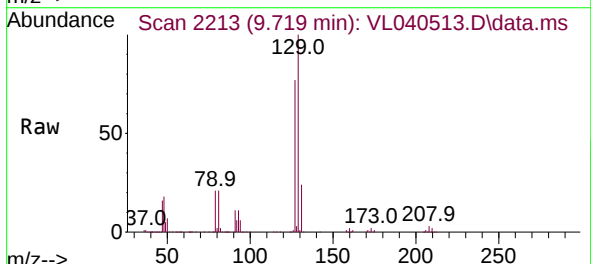
Acq: 10 Jul 2023 17:24

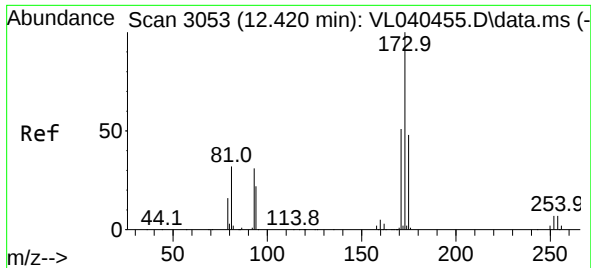
Tgt Ion:129 Resp: 1589913

Ion Ratio Lower Upper

129 100

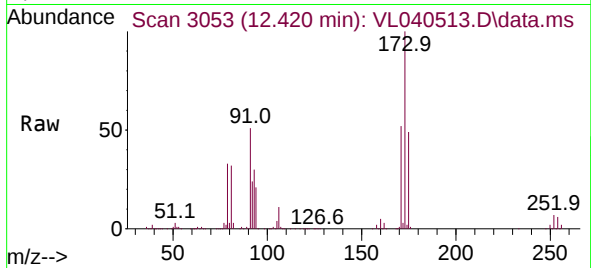
127 78.8 39.1 117.3





#49
Bromoform
Concen: 11.152 ppbv
RT: 12.420 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

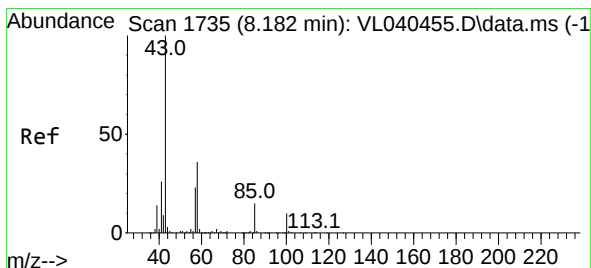
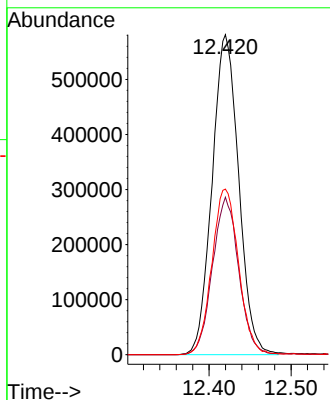
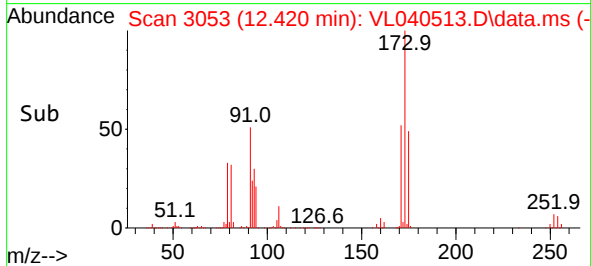
Instrument : MSVOA_L
ClientSampleId : ICVVL071023



Tgt Ion:173 Resp: 130794
Ion Ratio Lower Upper
173 100
175 48.8 39.5 59.3
171 52.4 42.2 63.4

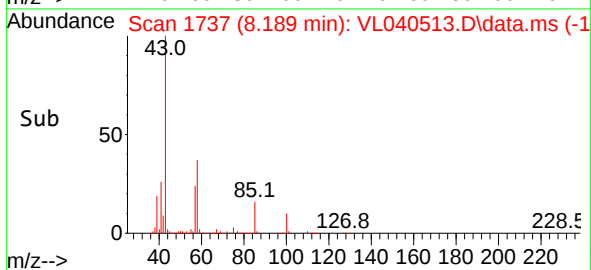
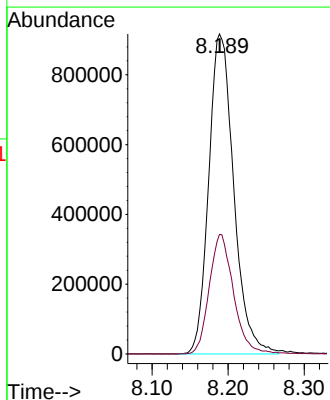
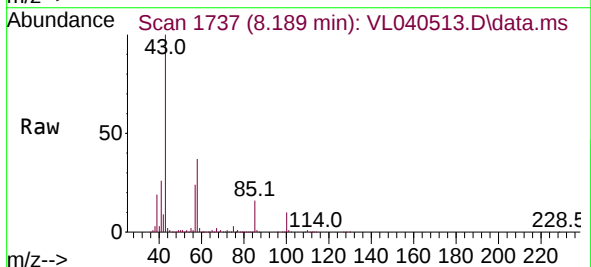
Manual Integrations
APPROVED

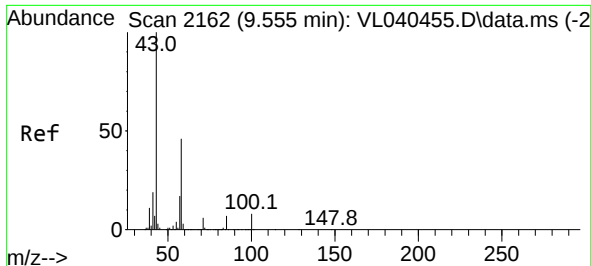
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#50
4-Methyl-2-Pentanone
Concen: 10.425 ppbv
RT: 8.189 min Scan# 1737
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Tgt Ion: 43 Resp: 2095609
Ion Ratio Lower Upper
43 100
58 36.4 30.2 45.2





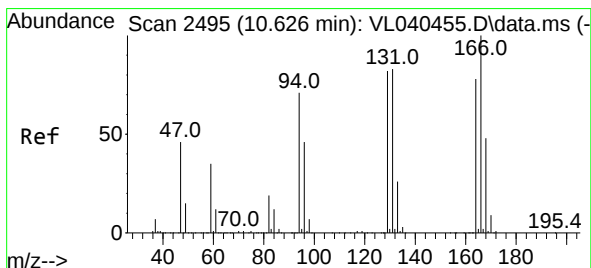
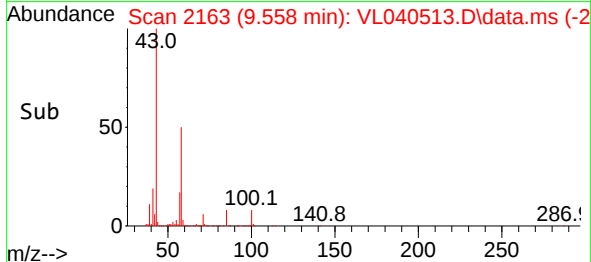
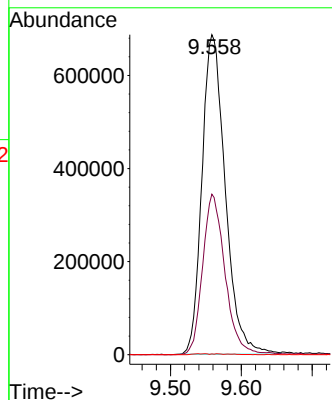
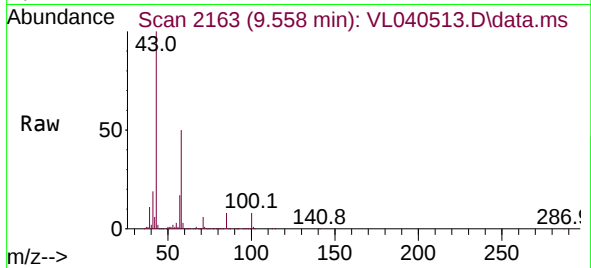
#51
2-Hexanone
Concen: 11.024 ppbv
RT: 9.558 min Scan# 2162
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Instrument : MSVOA_L
ClientSampleId : ICVVL071023

Tgt Ion: 43 Resp: 156696
Ion Ratio Lower Upper
43 100
58 48.7 39.7 59.5
98 0.4 0.3 0.5

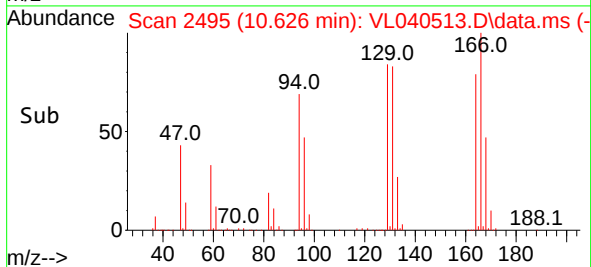
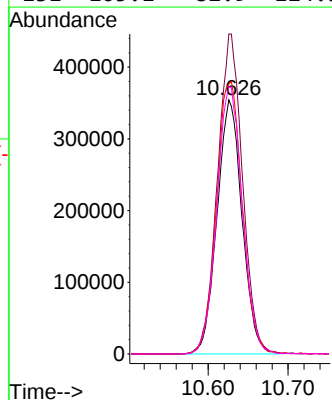
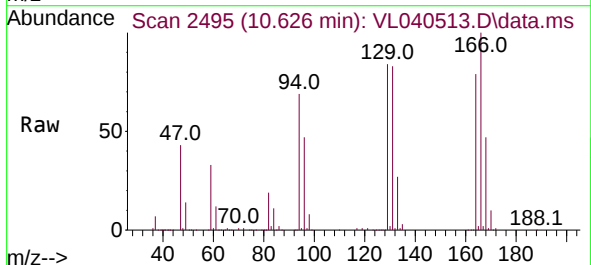
Manual Integrations
APPROVED

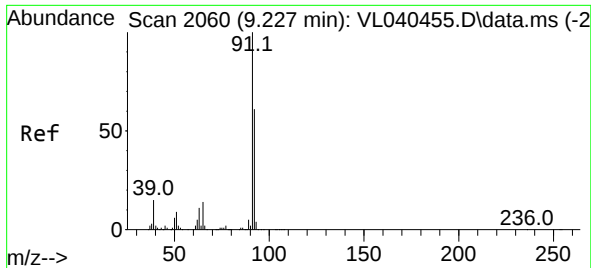
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#52
Tetrachloroethene
Concen: 10.538 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Tgt Ion:164 Resp: 768760
Ion Ratio Lower Upper
164 100
166 126.0 103.9 155.9
129 106.3 84.6 126.8
131 105.1 82.9 124.3





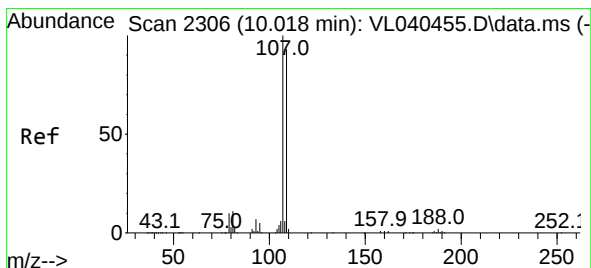
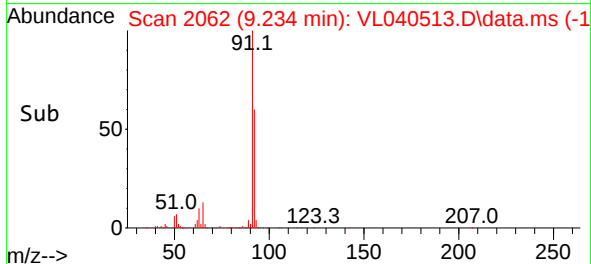
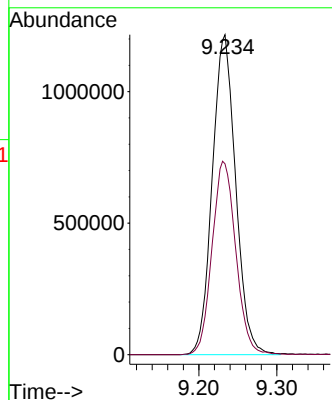
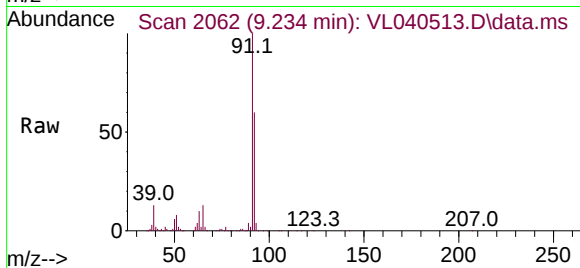
#53
Toluene
Concen: 10.349 ppbv
RT: 9.234 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023

Tgt Ion: 91 Resp: 2532498
Ion Ratio Lower Upper
91 100
92 61.5 49.1 73.7

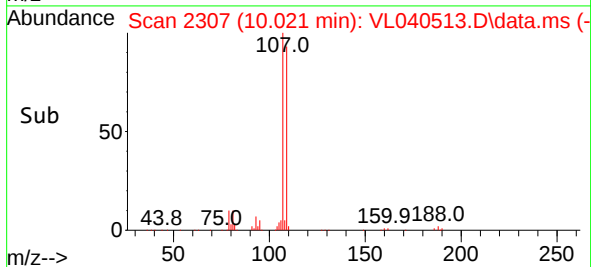
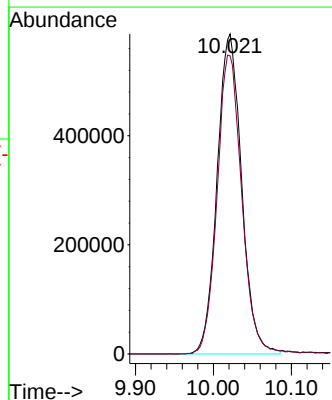
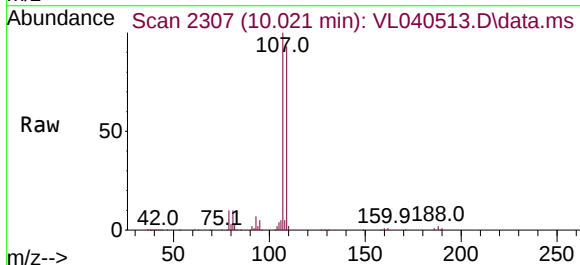
Manual Integrations
APPROVED

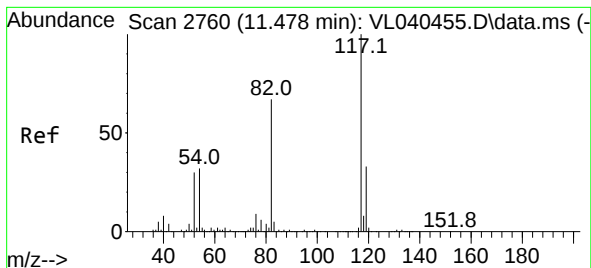
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#54
1,2-Dibromoethane
Concen: 10.759 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

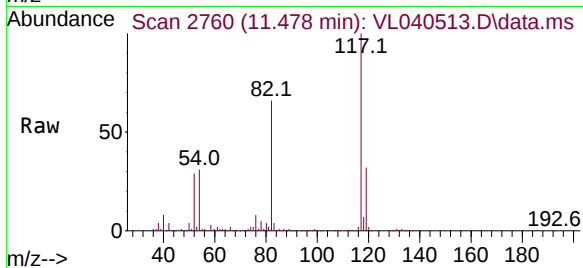
Tgt Ion:107 Resp: 1279605
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

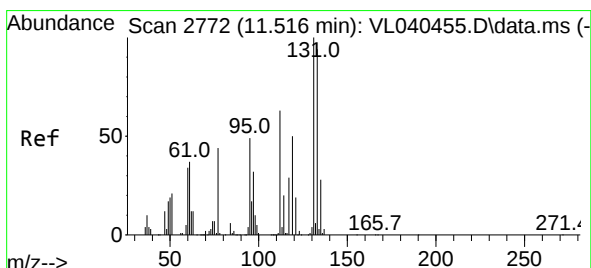
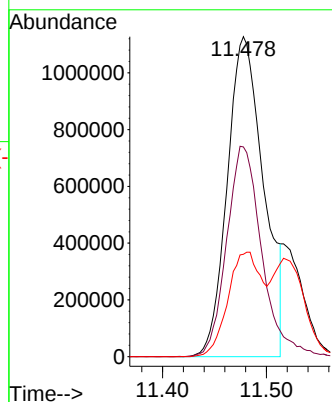
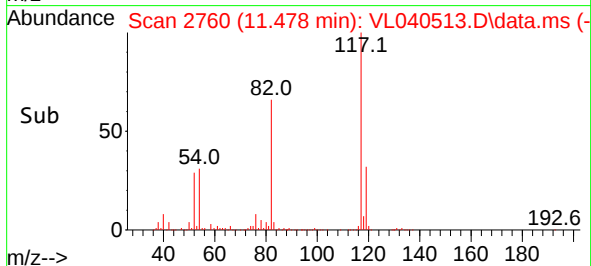
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



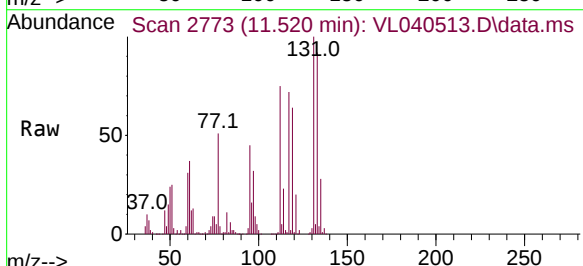
Tgt Ion:117 Resp: 274371
Ion Ratio Lower Upper
117 100
82 63.9 50.2 75.4
119 28.8 26.9 40.3

Manual Integrations
APPROVED

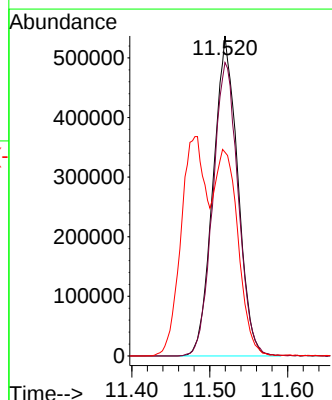
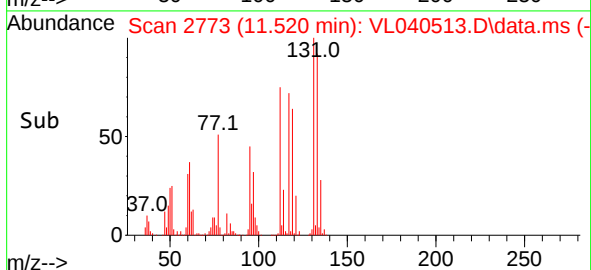
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

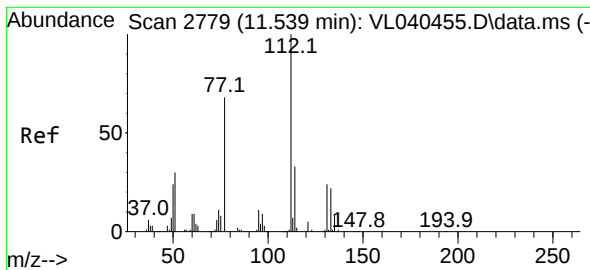


#56
1,1,1,2-Tetrachloroethane
Concen: 9.575 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



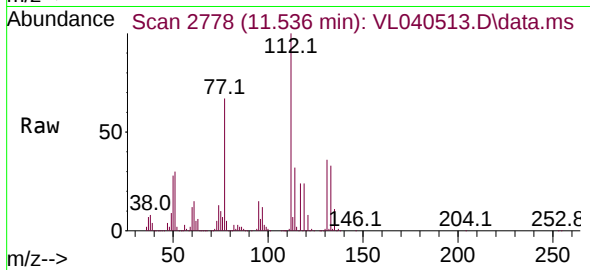
Tgt Ion:131 Resp: 1176570
Ion Ratio Lower Upper
131 100
133 94.6 76.3 114.5
119 63.2 51.1 76.7





#57
Chlorobenzene
Concen: 9.196 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

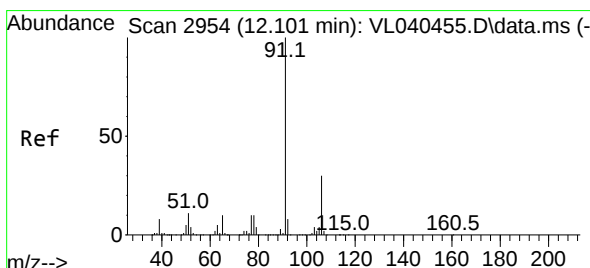
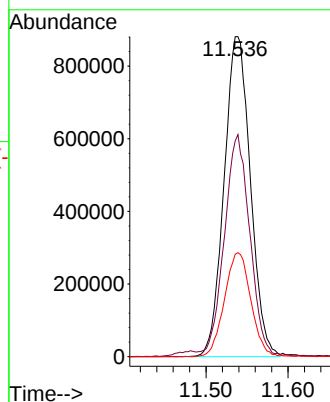
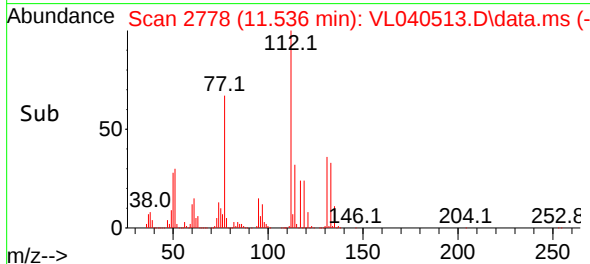
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



Tgt Ion:112 Resp: 1967790
Ion Ratio Lower Upper
112 100
77 66.9 51.0 76.6
114 32.0 28.3 34.5

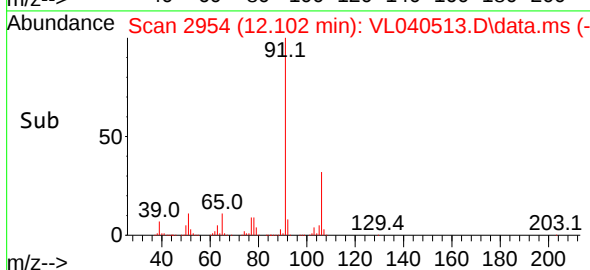
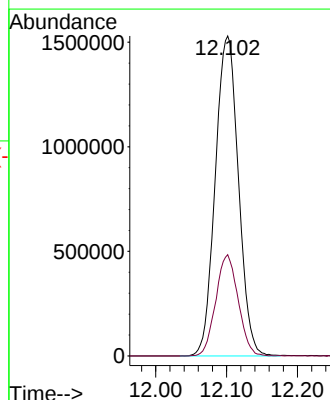
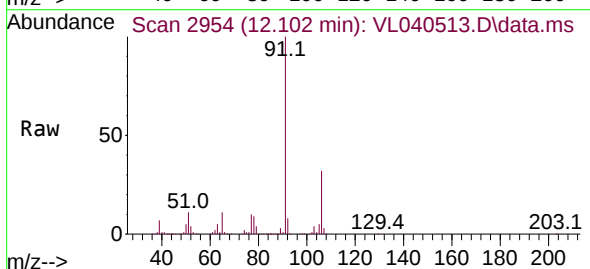
Manual Integrations
APPROVED

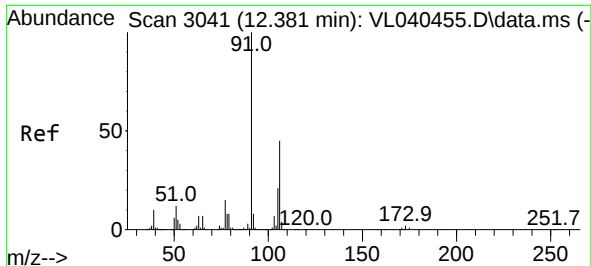
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#58
Ethyl Benzene
Concen: 10.079 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Tgt Ion: 91 Resp: 3470310
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0





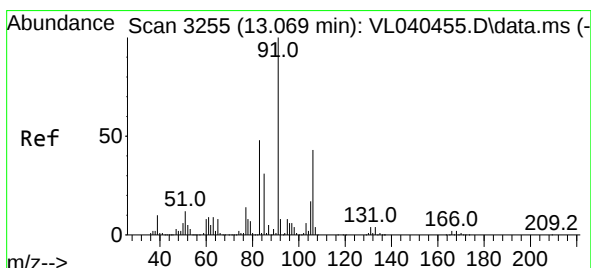
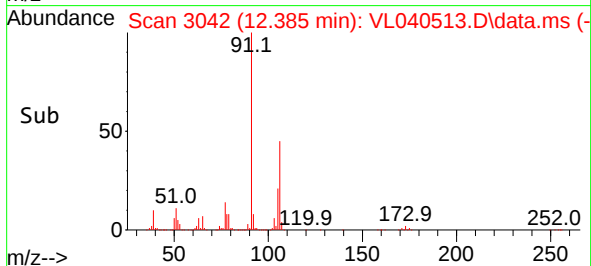
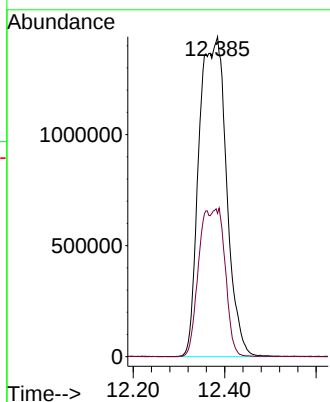
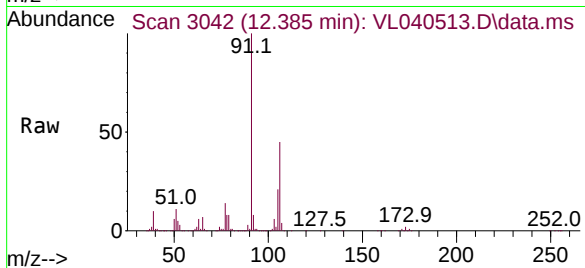
#59
m/p-Xylene
Concen: 19.441 ppbv m
RT: 12.385 min Scan# 3041
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023

Tgt Ion: 91 Resp: 597459
Ion Ratio Lower Upper
91 100
106 44.3 35.9 53.9

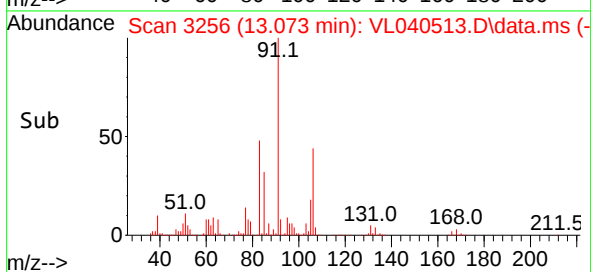
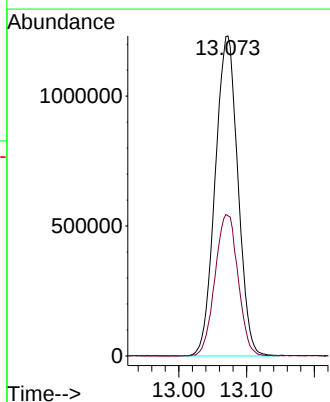
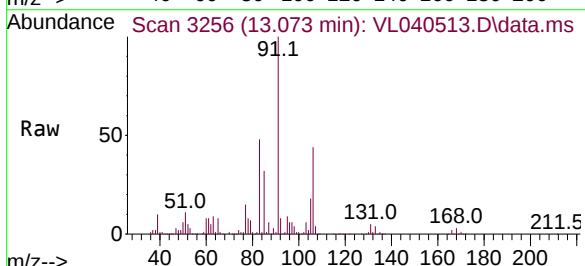
Manual Integrations
APPROVED

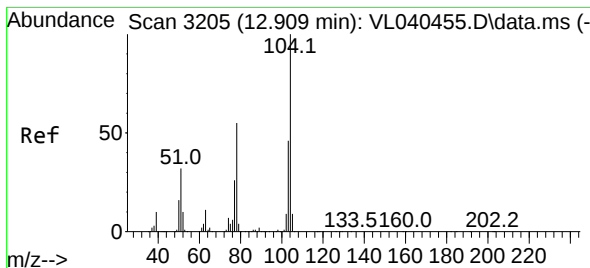
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
o-Xylene
Concen: 9.799 ppbv
RT: 13.073 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Tgt Ion: 91 Resp: 2868702
Ion Ratio Lower Upper
91 100
106 44.9 22.7 68.0





#61

Styrene

Concen: 10.931 ppbv

RT: 12.909 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040513.D

Acq: 10 Jul 2023 17:24

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071023

Tgt Ion:104 Resp: 1476158

Ion Ratio Lower Upper

104 100

78 52.1 40.1 60.1

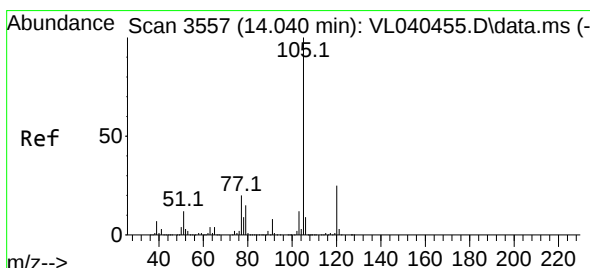
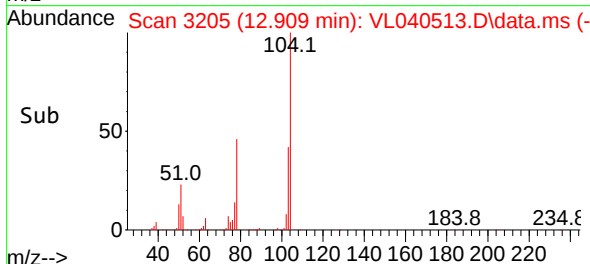
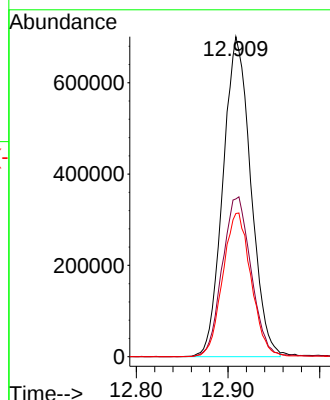
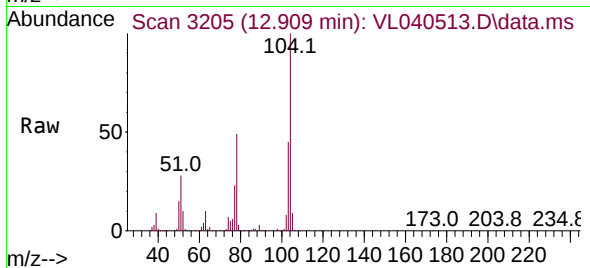
103 46.0 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#62

Isopropylbenzene

Concen: 9.613 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.000 min

Lab File: VL040513.D

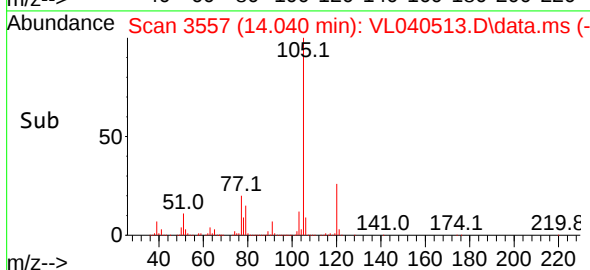
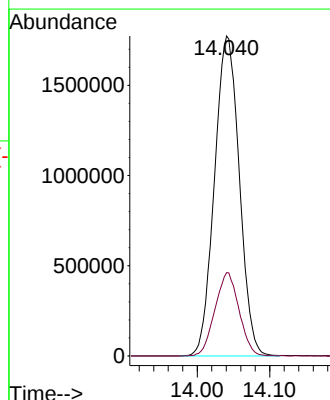
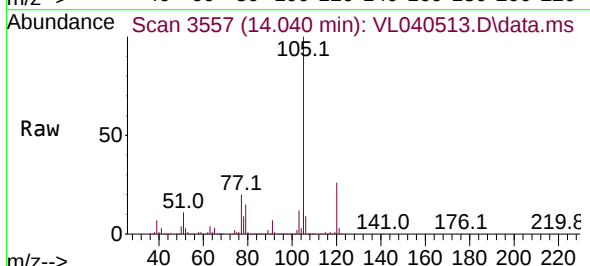
Acq: 10 Jul 2023 17:24

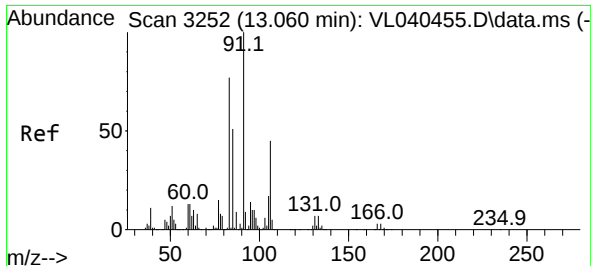
Tgt Ion:105 Resp: 4218265

Ion Ratio Lower Upper

105 100

120 25.3 20.8 31.2





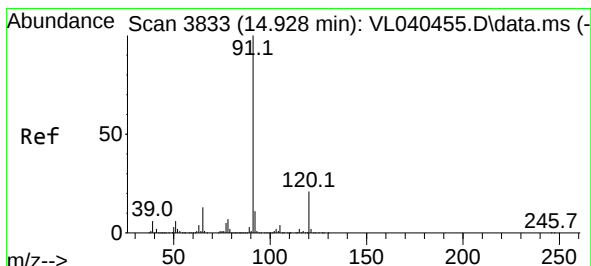
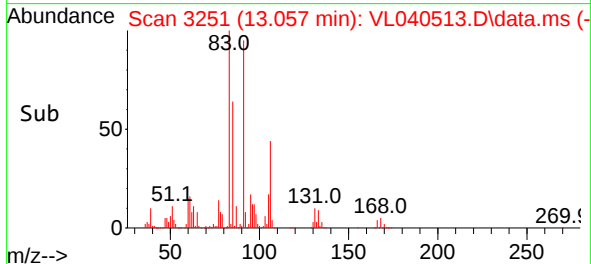
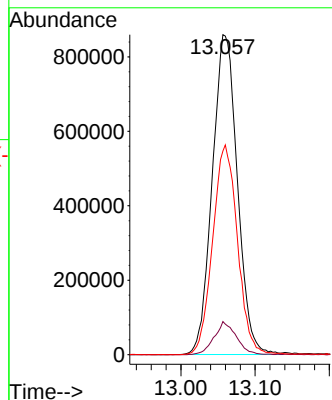
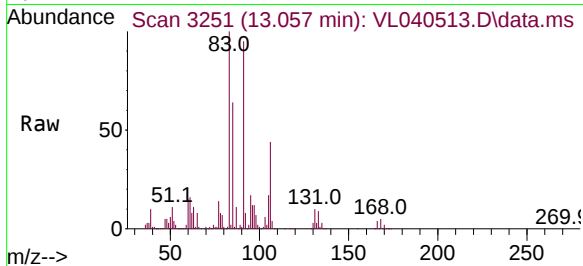
#63
1,1,2,2-Tetrachloroethane
Concen: 9.855 ppbv
RT: 13.057 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023

Tgt Ion: 83 Resp: 2020390
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 65.0 32.8 98.3

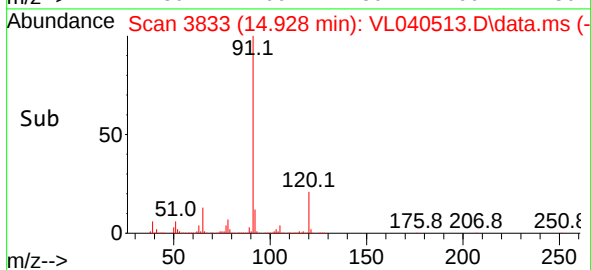
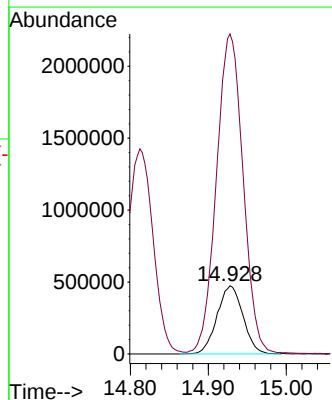
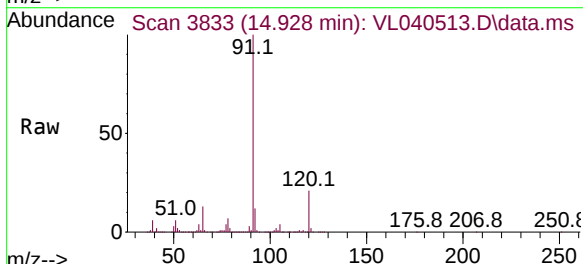
Manual Integrations
APPROVED

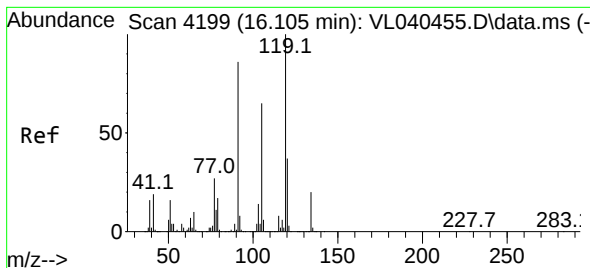
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#64
n-propylbenzene
Concen: 9.635 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

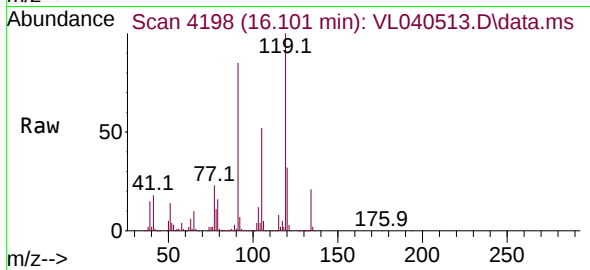
Tgt Ion:120 Resp: 1093863
Ion Ratio Lower Upper
120 100
91 485.9 374.3 561.5





#65
tert-Butylbenzene
Concen: 9.601 ppbv
RT: 16.101 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

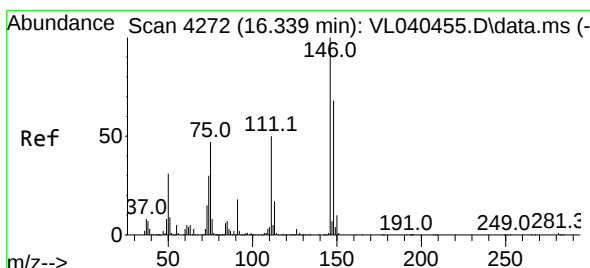
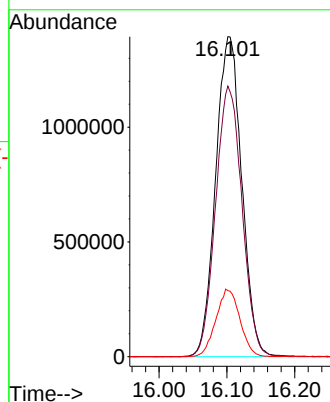
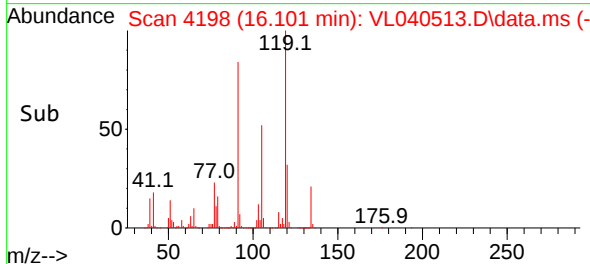
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



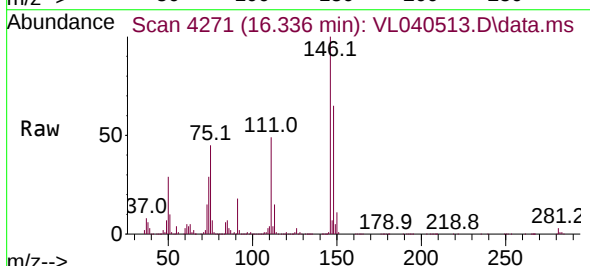
Tgt Ion:119 Resp: 372968
Ion Ratio Lower Upper
119 100
91 85.6 66.1 99.1
134 19.5 15.7 23.5

Manual Integrations
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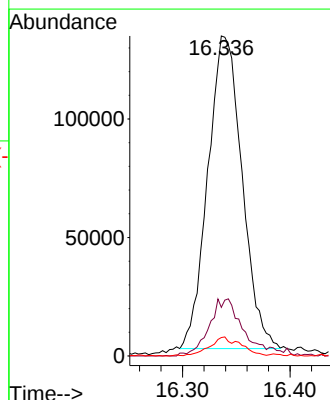
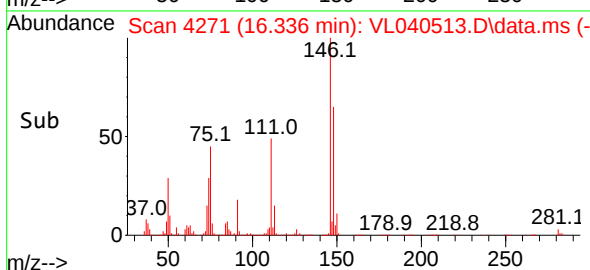
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

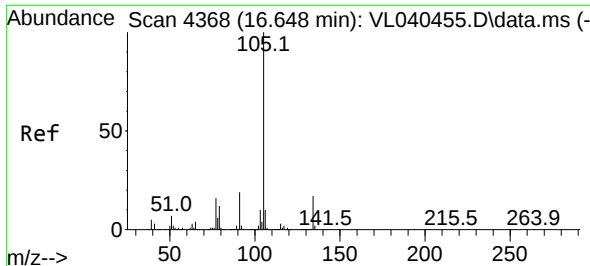


#66
Benzyl Chloride
Concen: 10.623 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



Tgt Ion: 91 Resp: 291937
Ion Ratio Lower Upper
91 100
126 19.0 15.4 23.2
128 5.9 4.5 6.7





#67

sec-Butylbenzene

Concen: 9.489 ppbv

RT: 16.648 min Scan# 4368

Delta R.T. 0.000 min

Lab File: VL040513.D

Acq: 10 Jul 2023 17:24

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071023

Tgt Ion:105 Resp: 5416100

Ion Ratio Lower Upper

105 100

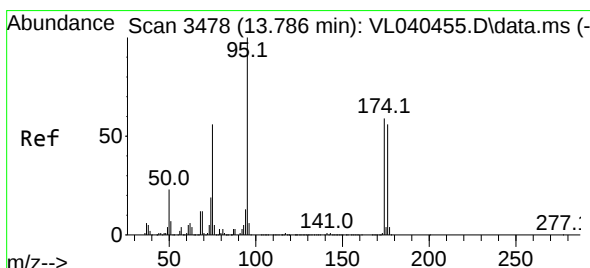
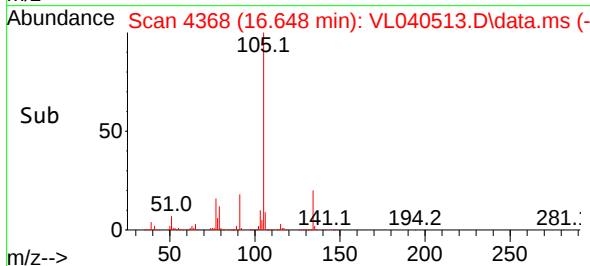
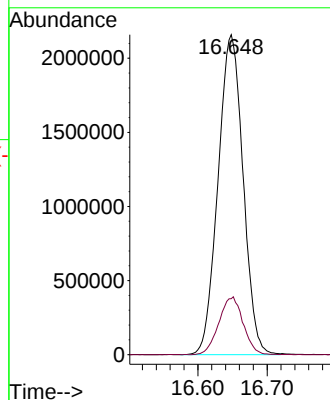
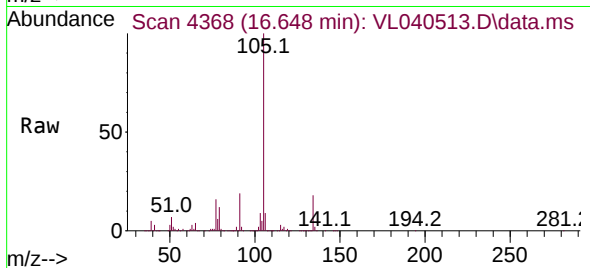
134 17.6 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.680 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.003 min

Lab File: VL040513.D

Acq: 10 Jul 2023 17:24

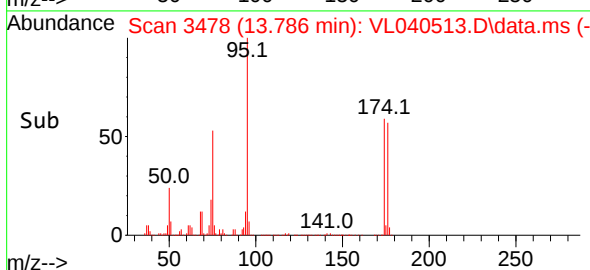
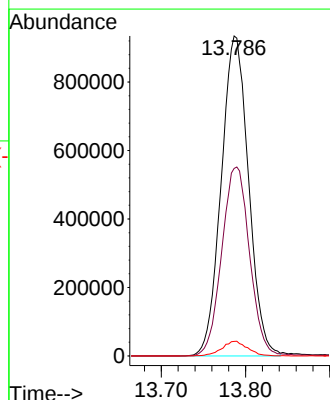
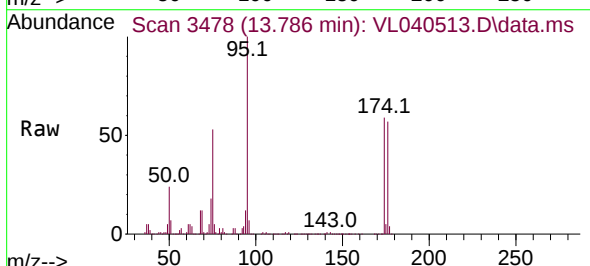
Tgt Ion: 95 Resp: 2102017

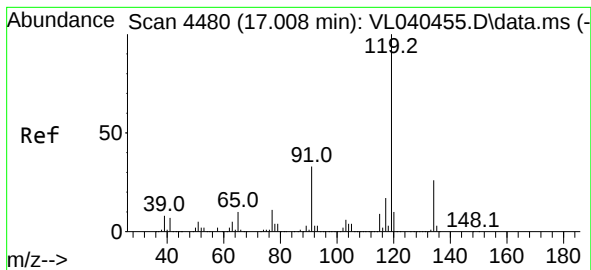
Ion Ratio Lower Upper

95 100

174 60.6 50.6 75.8

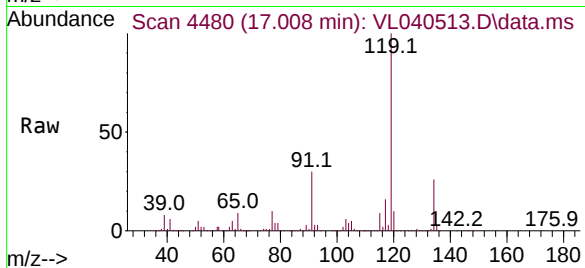
175 4.4 3.7 5.5





#69
p-Isopropyltoluene
Concen: 9.585 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

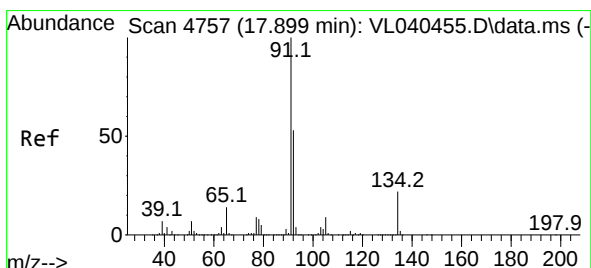
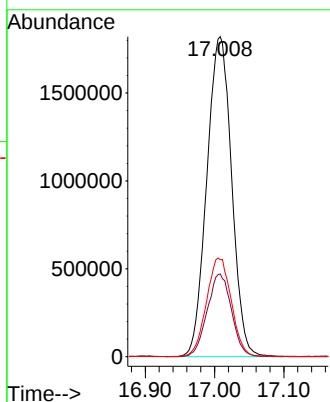
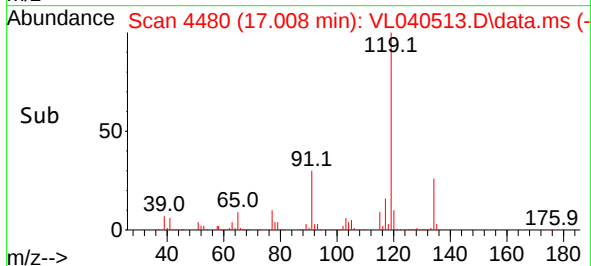
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



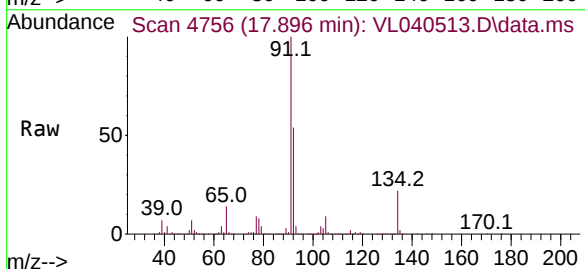
Tgt Ion:119 Resp: 452115
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 30.9 23.8 35.8

Manual Integrations
APPROVED

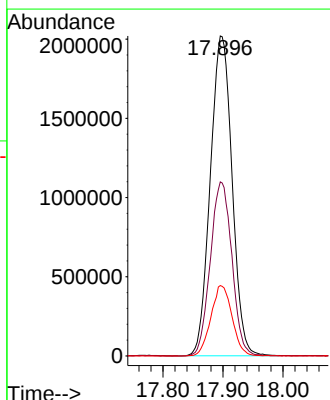
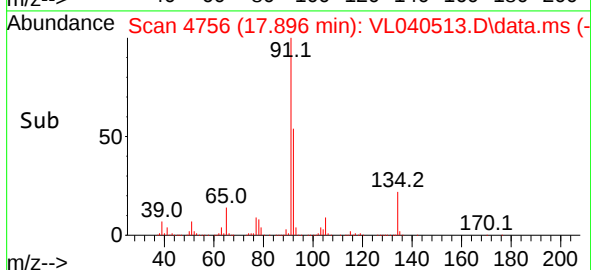
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

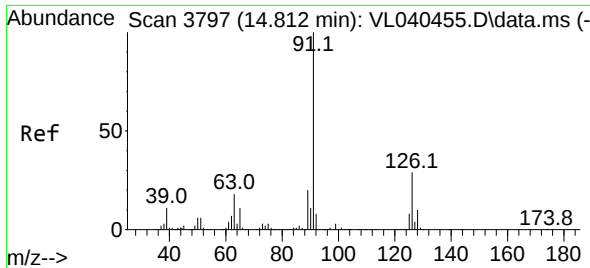


#70
n-Butylbenzene
Concen: 9.682 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



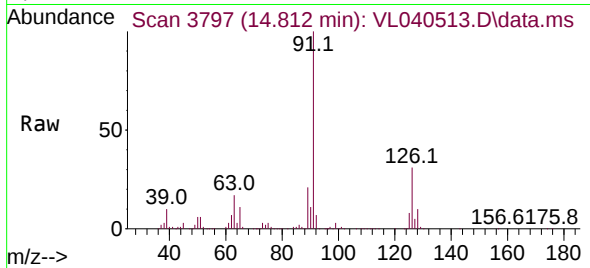
Tgt Ion: 91 Resp: 5092715
Ion Ratio Lower Upper
91 100
92 53.9 43.4 65.0
134 21.4 18.1 27.1





#71
2-Chlorotoluene
Concen: 9.824 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

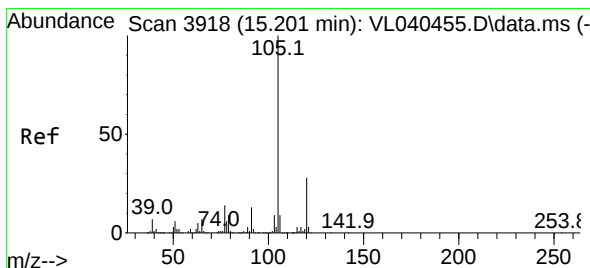
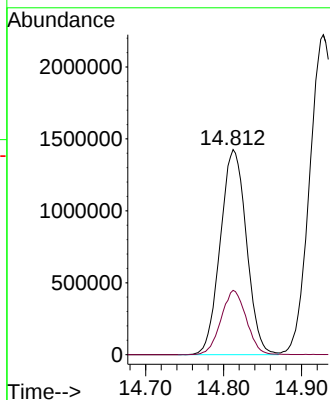
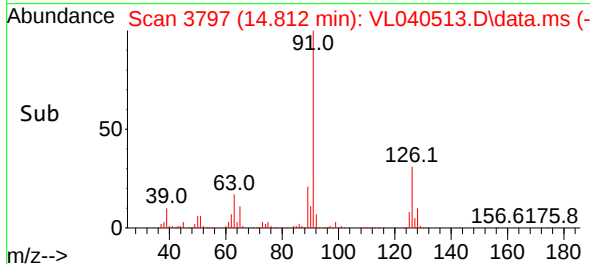
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



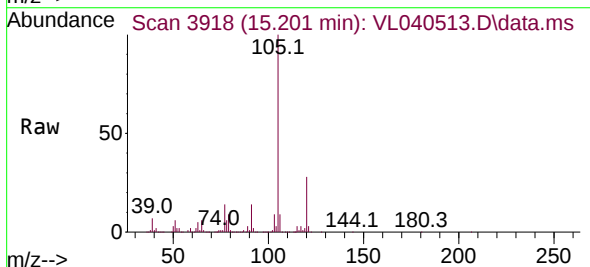
Tgt Ion: 91 Resp: 332219
Ion Ratio Lower Upper
91 100
126 30.5 12.4 49.8

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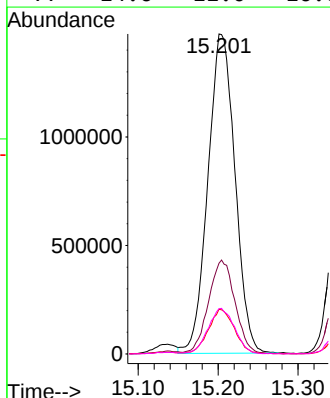
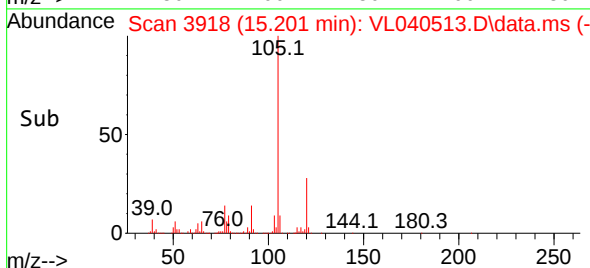
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

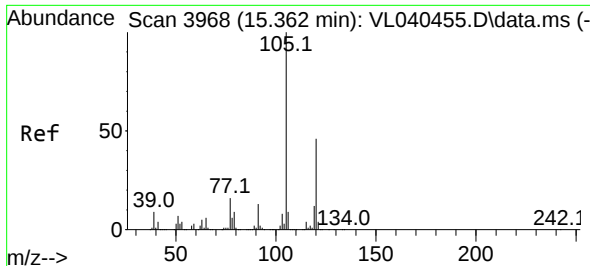


#72
4-Ethyltoluene
Concen: 10.089 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



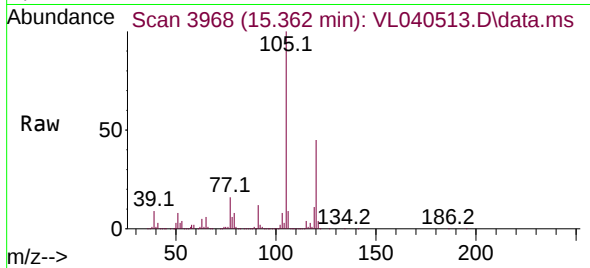
Tgt Ion:105 Resp: 3462222
Ion Ratio Lower Upper
105 100
120 29.0 24.6 37.0
91 13.4 10.7 16.1
77 14.6 11.0 16.6





#73
1,3,5-Trimethylbenzene
Concen: 9.999 ppbv
RT: 15.362 min Scan# 3968
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

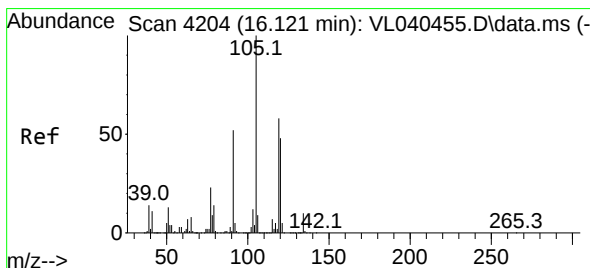
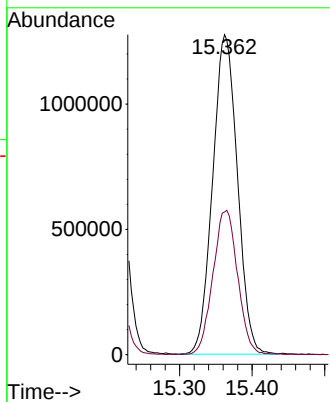
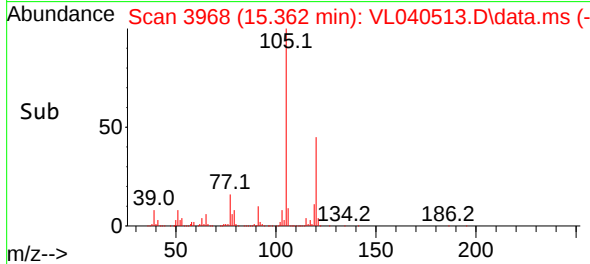
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



Tgt Ion:105 Resp: 302453
Ion Ratio Lower Upper
105 100
120 44.6 38.2 57.2

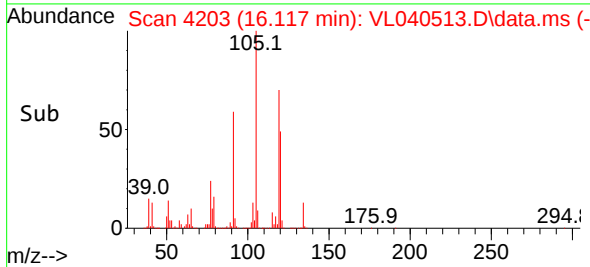
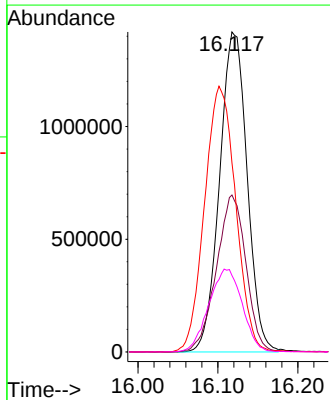
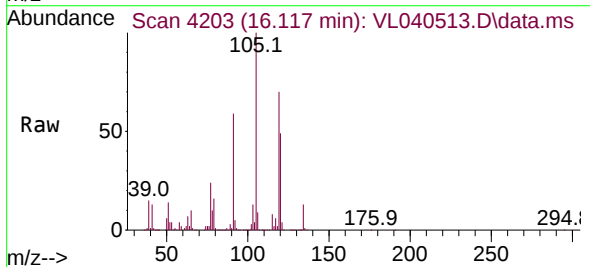
Manual Integrations
APPROVED

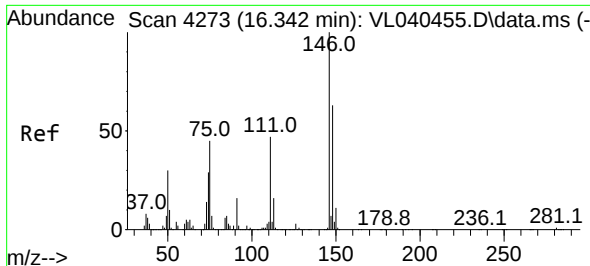
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#74
1,2,4-Trimethylbenzene
Concen: 9.626 ppbv
RT: 16.117 min Scan# 4203
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

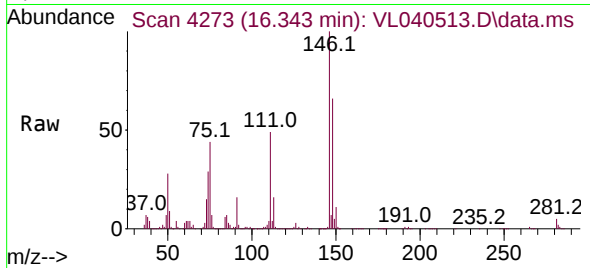
Tgt Ion:105 Resp: 3395063
Ion Ratio Lower Upper
105 100
120 49.0 40.3 60.5
91 58.7 46.8 70.2
77 23.8 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 9.303 ppbv
RT: 16.343 min Scan# 4273
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

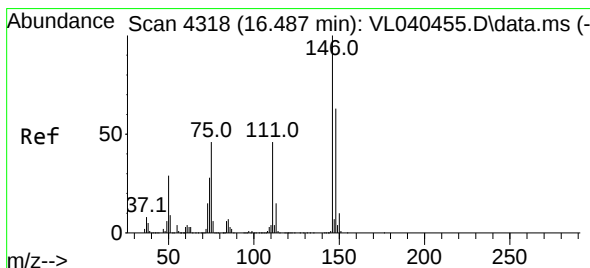
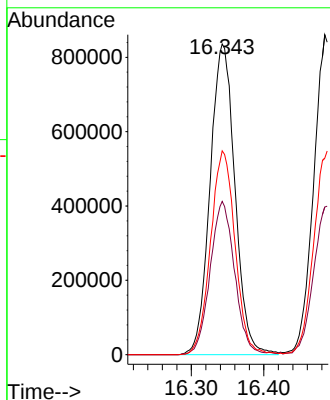
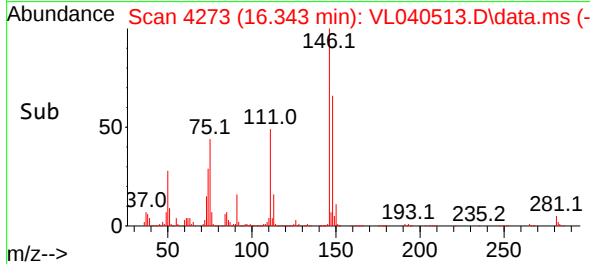
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



Tgt Ion:146 Resp: 1989320
Ion Ratio Lower Upper
146 100
111 48.6 23.6 71.0
148 64.9 32.2 96.6

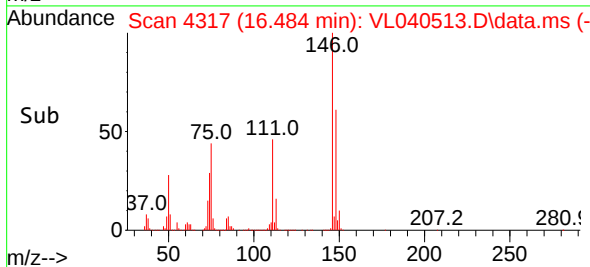
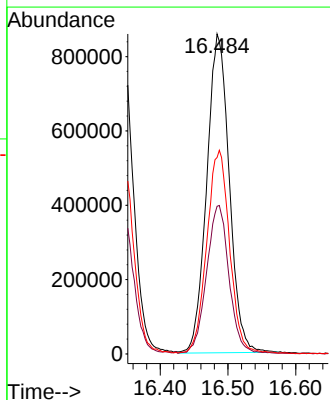
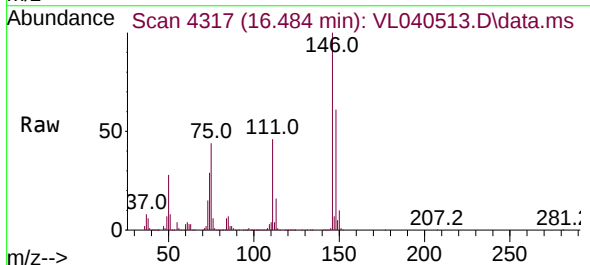
Manual Integrations
APPROVED

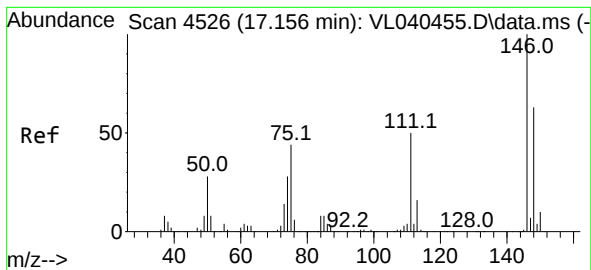
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#76
1,4-Dichlorobenzene
Concen: 9.430 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. -0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

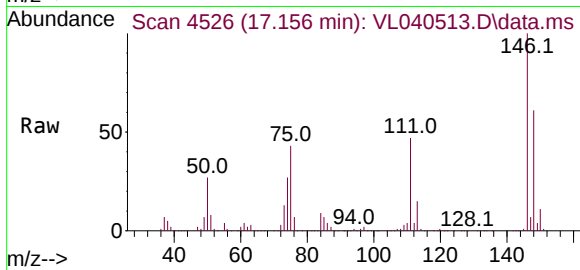
Tgt Ion:146 Resp: 1977227
Ion Ratio Lower Upper
146 100
111 46.9 22.8 68.3
148 65.2 32.6 97.8





#77
1,2-Dichlorobenzene
Concen: 9.413 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.003 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24

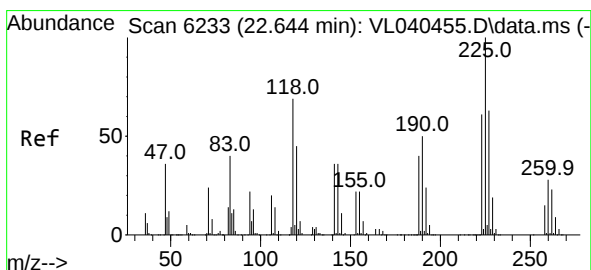
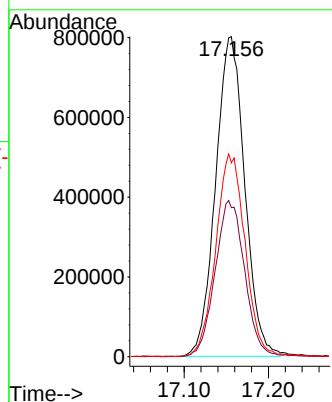
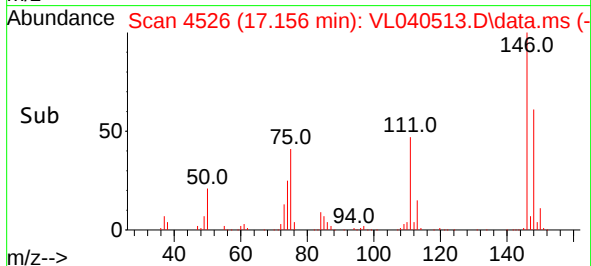
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071023



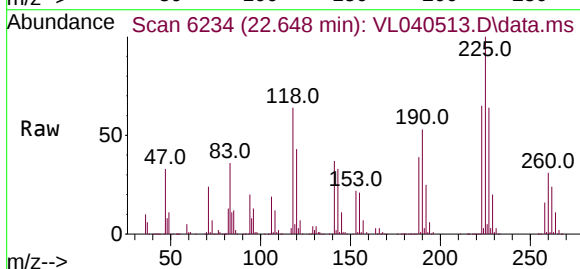
Tgt Ion:146 Resp: 192456
Ion Ratio Lower Upper
146 100
111 49.6 24.3 72.8
148 63.9 32.1 96.3

Manual Integrations
APPROVED

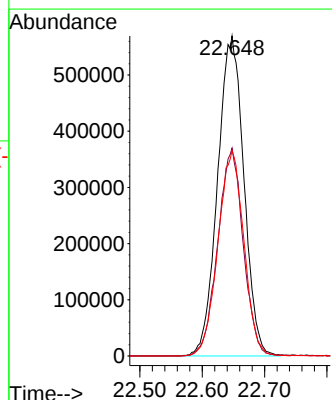
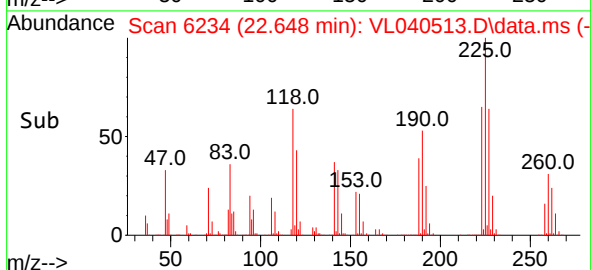
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

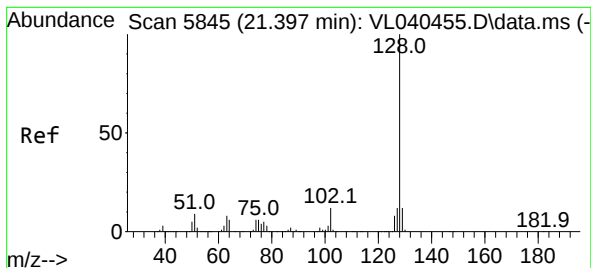


#78
Hexachloro-1,3-Butadiene
Concen: 8.675 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.000 min
Lab File: VL040513.D
Acq: 10 Jul 2023 17:24



Tgt Ion:225 Resp: 1665790
Ion Ratio Lower Upper
225 100
223 63.1 50.3 75.5
227 63.2 51.0 76.6





#79

Naphthalene

Concen: 11.710 ppbv

RT: 21.394 min Scan# 5845

Delta R.T. 0.000 min

Lab File: VL040513.D

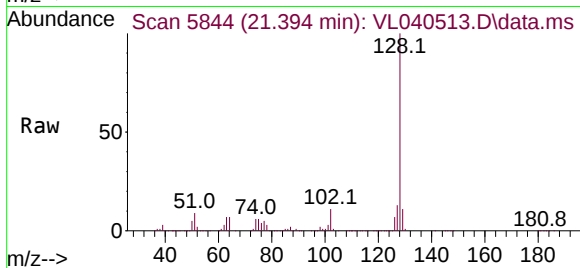
Acq: 10 Jul 2023 17:24

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071023



Tgt Ion:128 Resp: 3494198

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

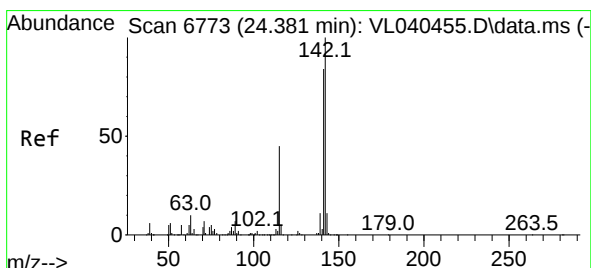
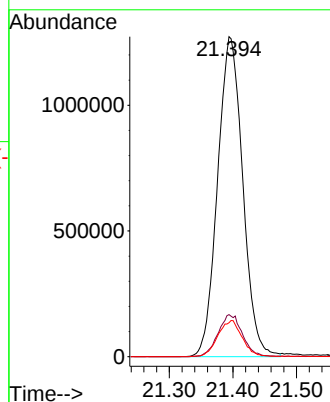
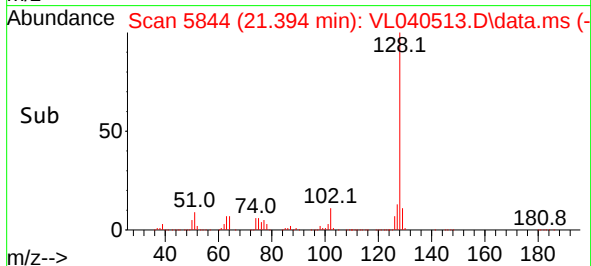
129 10.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#80

Naphthalene,2-methyl-

Concen: 12.555 ppbv

RT: 24.381 min Scan# 6773

Delta R.T. 0.003 min

Lab File: VL040513.D

Acq: 10 Jul 2023 17:24

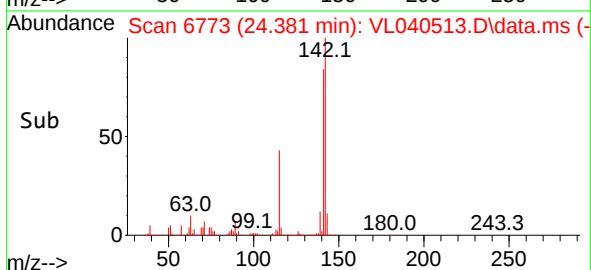
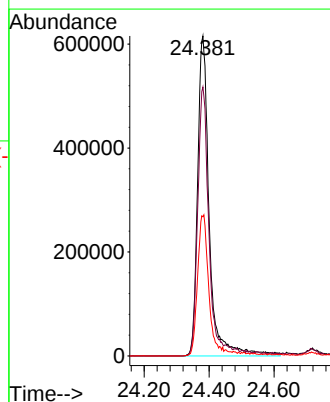
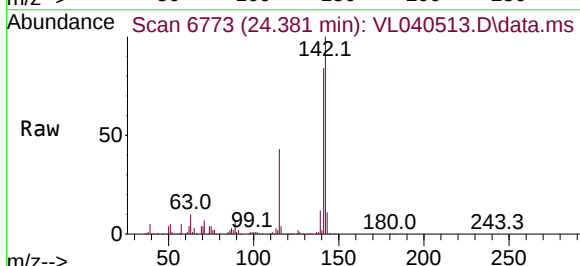
Tgt Ion:142 Resp: 1544762

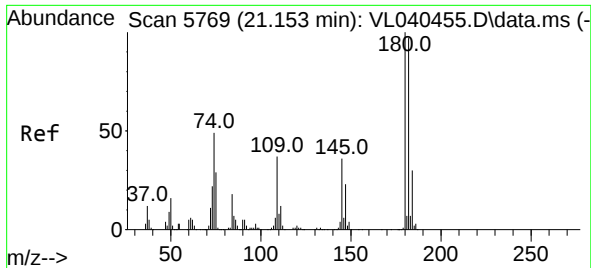
Ion Ratio Lower Upper

142 100

141 81.8 66.7 100.1

115 43.6 33.0 49.6





#81

1,2,4-Trichlorobenzene

Concen: 9.933 ppbv

RT: 21.153 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL040513.D

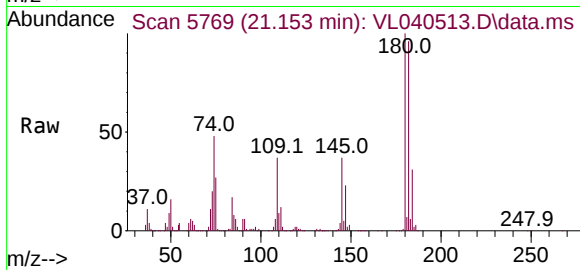
Acq: 10 Jul 2023 17:24

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071023



Tgt Ion:180 Resp: 2042618

Ion Ratio Lower Upper

180 100

182 96.1 77.5 116.3

184 30.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023

