

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040482.D
 Acq On : 16 Jun 2023 8:32
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 10:06:10 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

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

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1087445	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2867812	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2736401	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.789 95 2121654 9.394 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	2108180	8.908	ppbv	99
3) Chlorodifluoromethane	2.677	51	1702346	9.558	ppbv	95
4) Chloromethane	2.816	50	722639	10.482	ppbv	99
5) Vinyl Chloride	2.922	62	742363	10.789	ppbv	99
6) Bromomethane	3.121	94	413963	11.622	ppbv	96
7) Chloroethane	3.198	64	259142	10.085	ppbv	97
8) Dichlorotetrafluoroethane	2.857	85	1684652	9.013	ppbv	98
9) Propene	2.697	41	621519	11.316	ppbv	99
10) Heptane	7.587	43	1451486	11.676	ppbv	99
11) Trichlorofluoromethane	3.565	101	1580323	8.200	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.069	101	1212075	9.003	ppbv	94
13) Ethanol	3.237	45	108700	9.557	ppbv	91
14) Bromoethene	3.369	108	519616	9.228	ppbv	99
15) Acetone	3.468	43	1219792	9.300	ppbv	98
16) 1,3-Butadiene	2.986	39	681824	10.680	ppbv	99
17) tert-Butyl alcohol	3.880	59	1206315	11.188	ppbv	98
18) 1,1-Dichloroethene	3.883	96	543446	9.060	ppbv	95
19) Isopropyl Alcohol	3.578	45	737411	11.665	ppbv #	97
20) Methylene Chloride	3.934	84	477825	8.536	ppbv	99
21) Allyl Chloride	4.002	41	917945	12.390	ppbv	97
22) trans-1,2-Dichloroethene	4.449	96	576309	9.364	ppbv	93
23) Vinyl Acetate	4.632	43	1591135	12.420	ppbv #	97
24) 1,1-Dichloroethane	4.571	63	1209642	9.413	ppbv	100
25) Ethyl Acetate	5.211	43	2487707	10.467	ppbv	100
26) Hexane	5.217	57	1157114	10.282	ppbv	95
27) Carbon Disulfide	4.127	76	1437012	10.209	ppbv	99
28) Methyl tert-Butyl Ether	4.590	73	926914	10.698	ppbv	99
29) Chloroform	5.282	83	1745836	9.107	ppbv	97
30) Cyclohexane	6.610	84	983105	10.840	ppbv	97
31) cis-1,2-Dichloroethene	5.086	61	1142557	10.611	ppbv	96
32) 1,1,1-Trichloroethane	6.012	97	1691102	8.936	ppbv	99
34) 2-Butanone	4.790	43	1333619	9.644	ppbv	99
35) Carbon Tetrachloride	6.500	117	1724784	8.825	ppbv	97
36) Benzene	6.378	78	2451064	10.745	ppbv	97
37) 1,2-Dichloroethane	5.812	62	1322007	8.896	ppbv	98
38) Trichloroethene	7.301	130	920156	10.646	ppbv	98
39) 1,2-Dichloropropane	7.082	63	931684	10.595	ppbv	92
40) 1,4-Dioxane	7.291	88	298637	11.990	ppbv #	100
41) Tetrahydrofuran	5.565	42	898722	11.890	ppbv	99
42) Bromodichloromethane	7.259	83	1864879	9.113	ppbv	98
43) Methyl Methacrylate	7.484	69	983841	12.006	ppbv	97
44) 2,2,4-Trimethylpentane	7.336	57	3988351	10.699	ppbv	96
45) t-1,3-Dichloropropene	8.719	75	1077567	17.809	ppbv	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

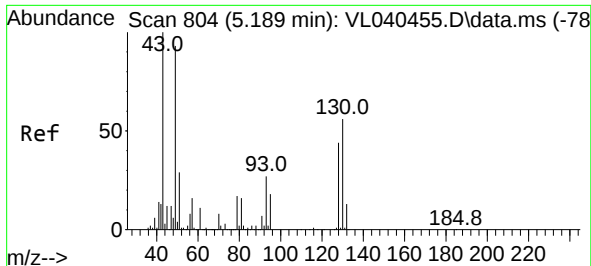
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

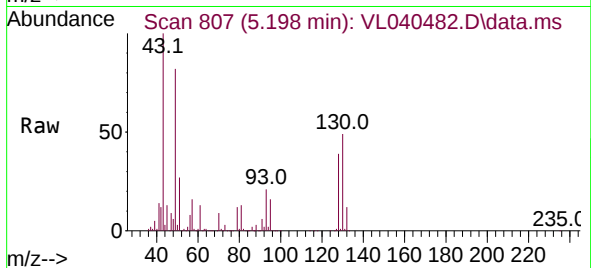
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1344329	18.225	ppbv	94
47) 1,1,2-Trichloroethane	8.909	97	965741	9.992	ppbv	97
48) Dibromochloromethane	9.722	129	1543533	9.990	ppbv	99
49) Bromoform	12.420	173	1194669	10.219	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2177122	11.754	ppbv	97
51) 2-Hexanone	9.561	43	1619511	12.595	ppbv #	94
52) Tetrachloroethene	10.629	164	837835	11.698	ppbv	95
53) Toluene	9.233	91	2774060	11.546	ppbv	100
54) 1,2-Dibromoethane	10.021	107	1435163	11.327	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.519	131	1144519	8.899	ppbv	99
57) Chlorobenzene	11.539	112	2038354	9.855	ppbv	97
58) Ethyl Benzene	12.101	91	3602106	10.864	ppbv	98
59) m/p-Xylene	12.384	91	5999632m	19.690	ppbv	
60) o-Xylene	13.072	91	2841877	9.833	ppbv	98
61) Styrene	12.912	104	1545089	12.423	ppbv	97
62) Isopropylbenzene	14.040	105	4118988	9.588	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.059	83	1826478	9.760	ppbv	99
64) n-propylbenzene	14.928	120	1087686	9.972	ppbv	93
65) tert-Butylbenzene	16.104	119	3534151	9.589	ppbv	95
66) Benzyl Chloride	16.339	91	458124	16.129	ppbv	98
67) sec-Butylbenzene	16.648	105	4973497	9.254	ppbv	98
69) p-Isopropyltoluene	17.008	119	4155883	9.730	ppbv	97
70) n-Butylbenzene	17.899	91	4373605	9.174	ppbv	99
71) 2-Chlorotoluene	14.815	91	3126603	9.801	ppbv	98
72) 4-Ethyltoluene	15.204	105	3282908	10.085	ppbv	97
73) 1,3,5-Trimethylbenzene	15.365	105	2822426	9.810	ppbv	97
74) 1,2,4-Trimethylbenzene	16.120	105	3050860	9.014	ppbv	97
75) 1,3-Dichlorobenzene	16.342	146	1793813	9.448	ppbv	98
76) 1,4-Dichlorobenzene	16.490	146	1737112	9.409	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1715239	9.563	ppbv	98
78) Hexachloro-1,3-Butadiene	22.648	225	1511599	10.928	ppbv	99
79) Naphthalene	21.397	128	3165725	16.239	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	1263815	21.605	ppbv	96
81) 1,2,4-Trichlorobenzene	21.156	180	1698253	14.063	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. 0.009 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

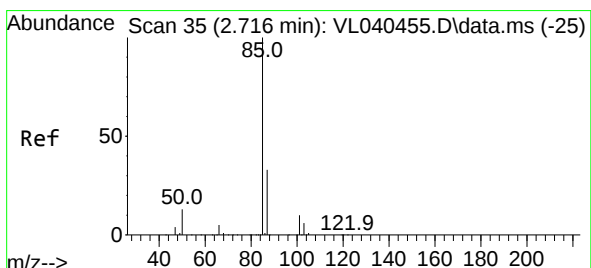
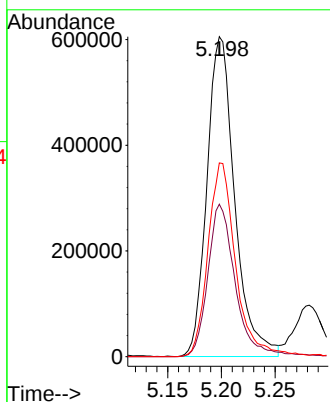
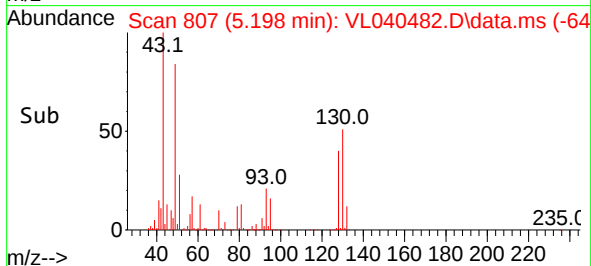
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



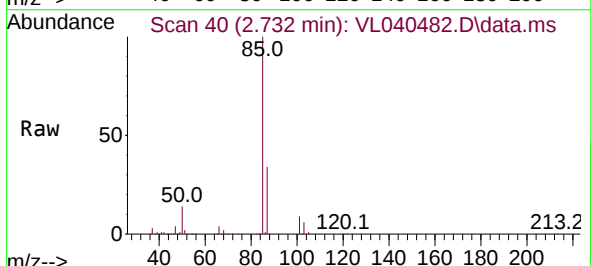
Tgt Ion: 49 Resp: 108744
Ion Ratio Lower Upper
49 100
128 47.8 24.7 74.1
130 61.1 31.4 94.2

Manual Integrations
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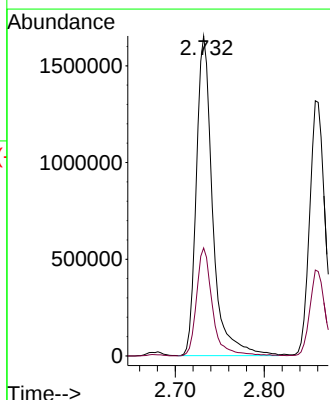
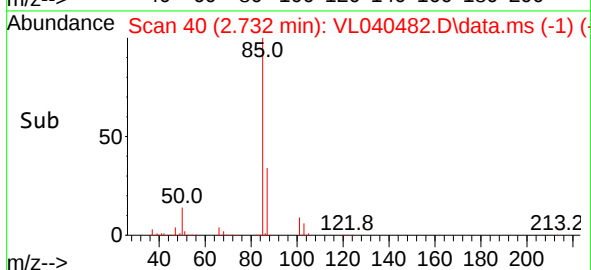
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

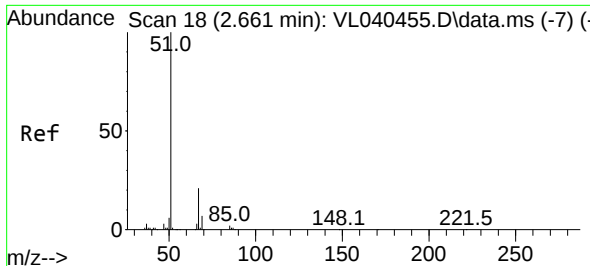


#2
Dichlorodifluoromethane
Concen: 8.908 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.016 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



Tgt Ion: 85 Resp: 2108180
Ion Ratio Lower Upper
85 100
87 33.8 26.6 39.8





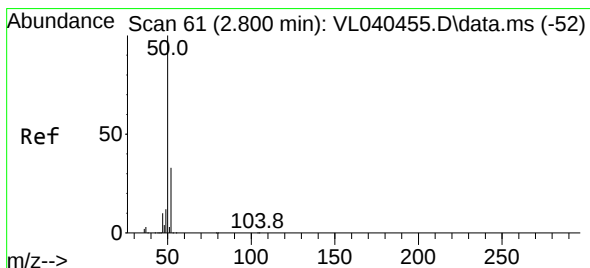
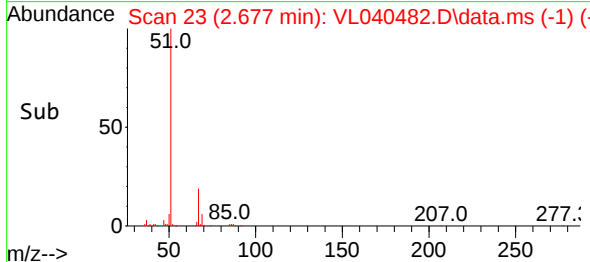
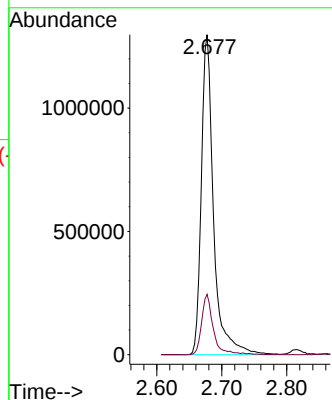
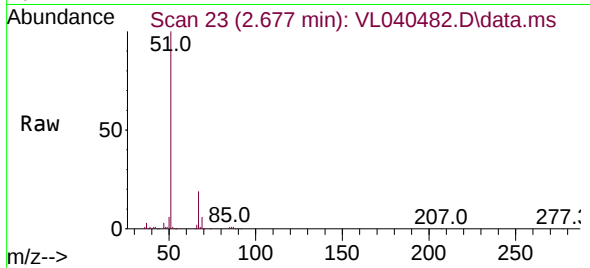
#3
Chlorodifluoromethane
Concen: 9.558 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1702340
Ion Ratio Lower Upper
51 100
67 18.1 16.3 24.5

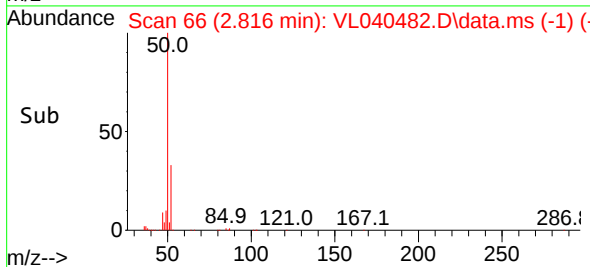
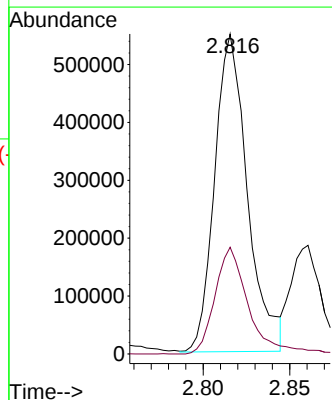
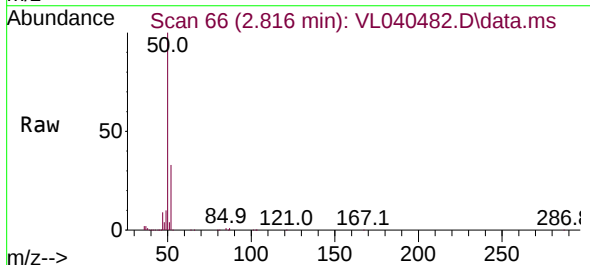
Manual Integrations
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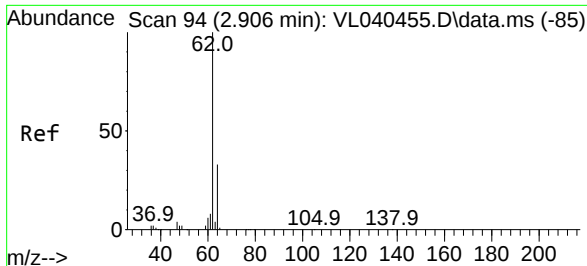
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#4
Chloromethane
Concen: 10.482 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.016 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Tgt Ion: 50 Resp: 722639
Ion Ratio Lower Upper
50 100
52 33.6 26.3 39.5





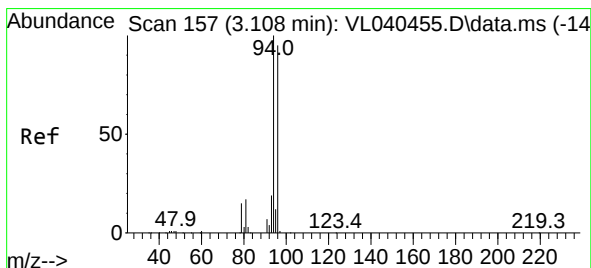
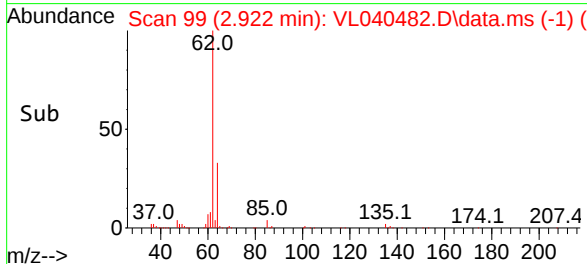
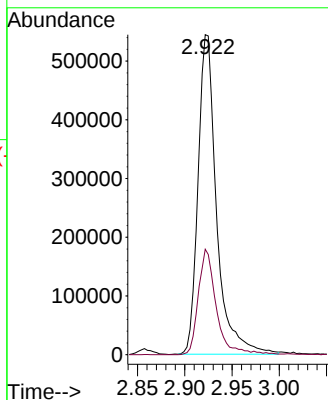
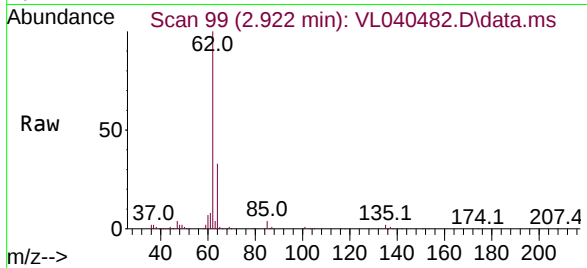
#5
 Vinyl Chloride
 Concen: 10.789 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. 0.016 min
 Lab File: VL040482.D
 Acq: 16 Jun 2023 8:32

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 742363
 Ion Ratio Lower Upper
 62 100
 64 33.0 26.8 40.2

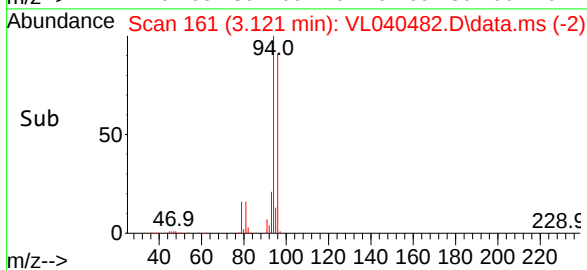
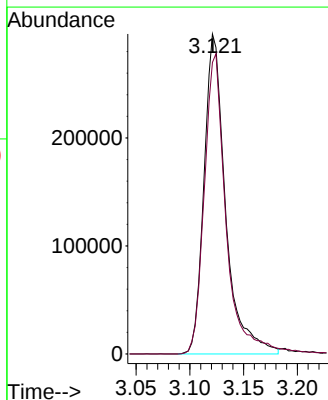
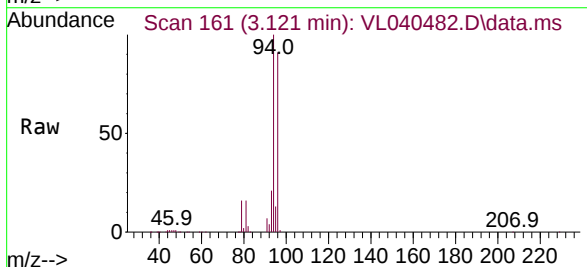
Manual Integrations
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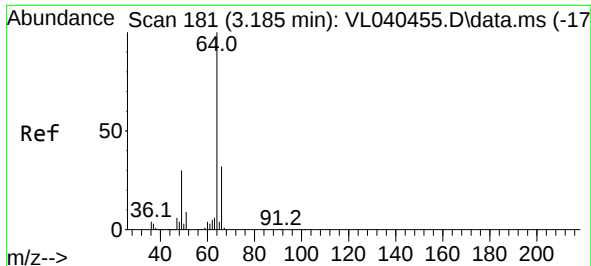
Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#6
 Bromomethane
 Concen: 11.622 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.013 min
 Lab File: VL040482.D
 Acq: 16 Jun 2023 8:32

Tgt Ion: 94 Resp: 413963
 Ion Ratio Lower Upper
 94 100
 96 91.1 75.8 113.8





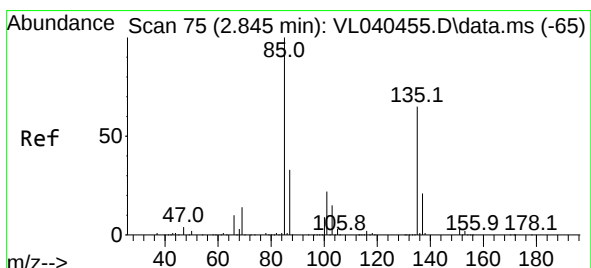
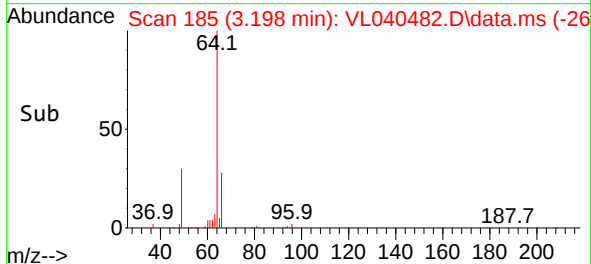
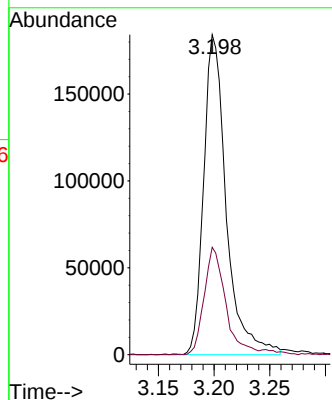
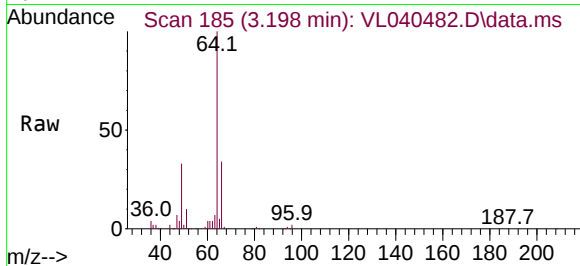
#7
Chloroethane
Concen: 10.085 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 25914
Ion Ratio Lower Upper
64 100
66 33.5 25.6 38.4

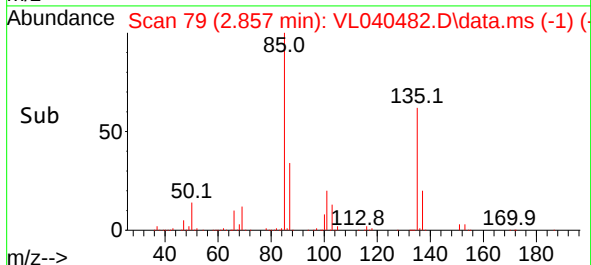
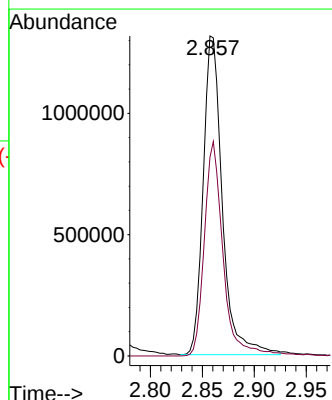
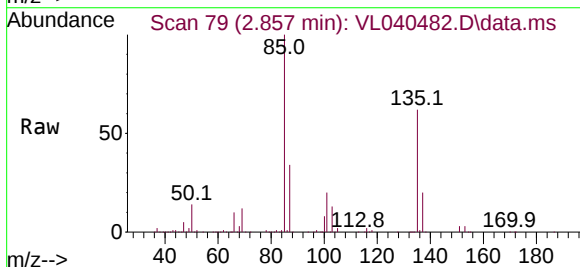
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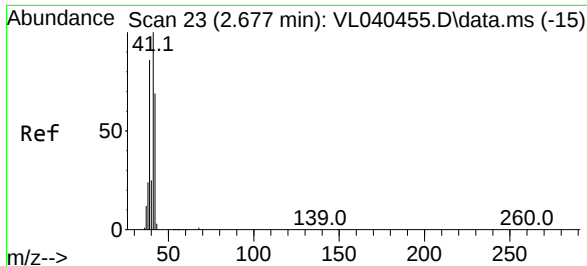
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#8
Dichlorotetrafluoroethane
Concen: 9.013 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.013 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Tgt Ion: 85 Resp: 1684652
Ion Ratio Lower Upper
85 100
135 66.7 52.0 78.0





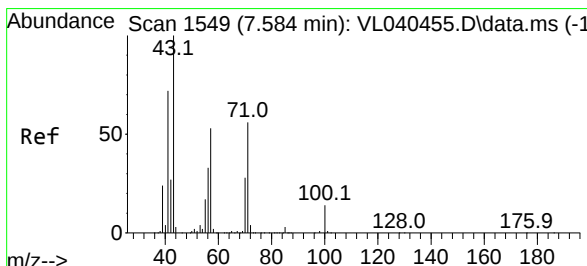
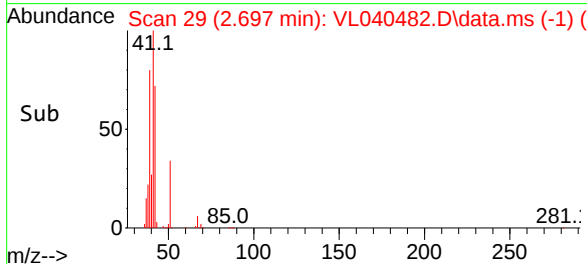
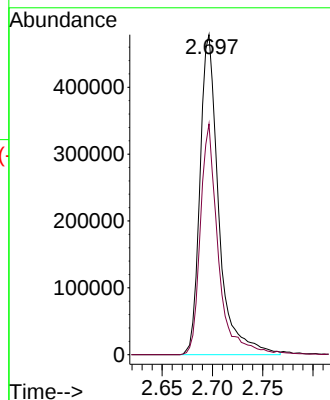
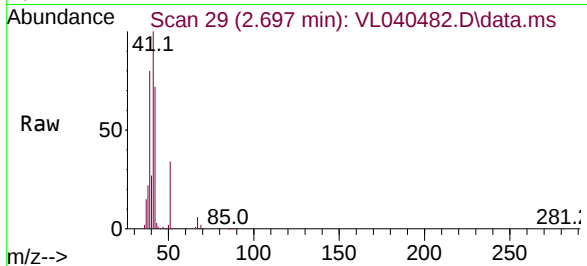
#9
 Propene
 Concen: 11.316 ppbv
 RT: 2.697 min Scan# 24
 Delta R.T. 0.019 min
 Lab File: VL040482.D
 Acq: 16 Jun 2023 8:32

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 621519
 Ion Ratio Lower Upper
 41 100
 42 69.4 56.2 84.2

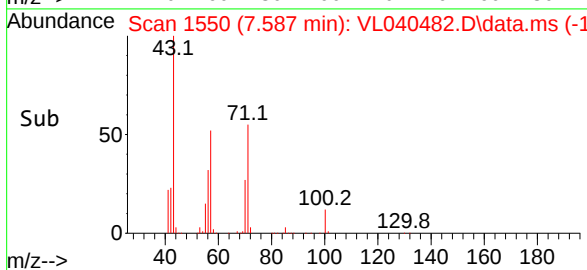
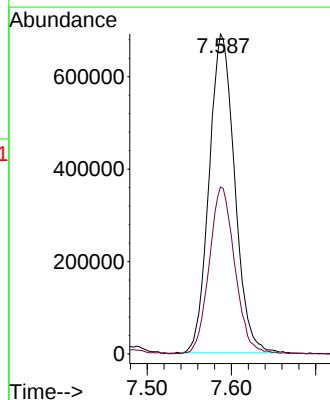
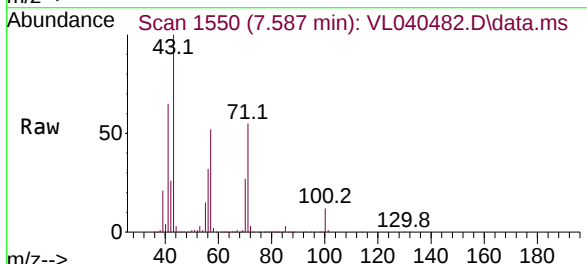
Manual Integrations
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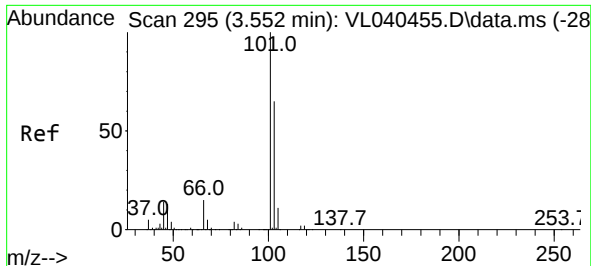
Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#10
 Heptane
 Concen: 11.676 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.003 min
 Lab File: VL040482.D
 Acq: 16 Jun 2023 8:32

Tgt Ion: 43 Resp: 1451486
 Ion Ratio Lower Upper
 43 100
 57 52.7 42.5 63.7





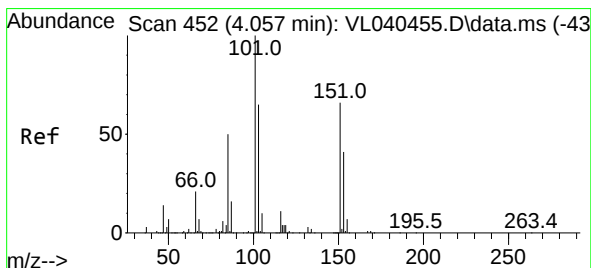
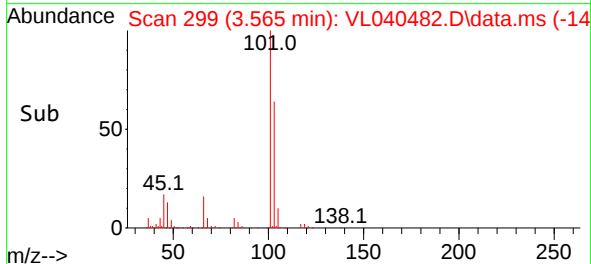
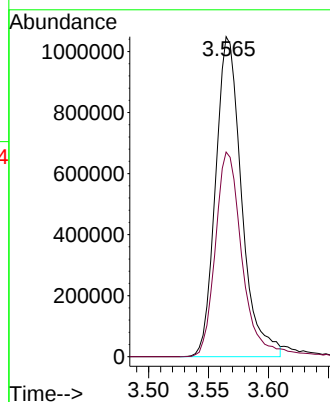
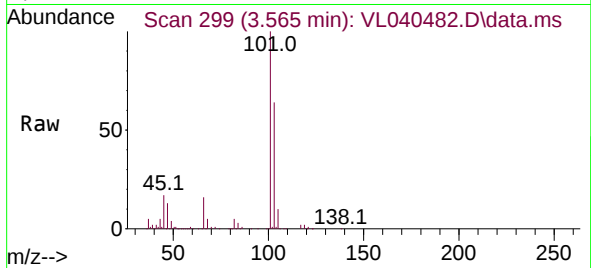
#11
 Trichlorofluoromethane
 Concen: 8.200 ppbv
 RT: 3.565 min Scan# 295
 Delta R.T. 0.013 min
 Lab File: VL040482.D
 Acq: 16 Jun 2023 8:32

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 158032
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.7 77.5

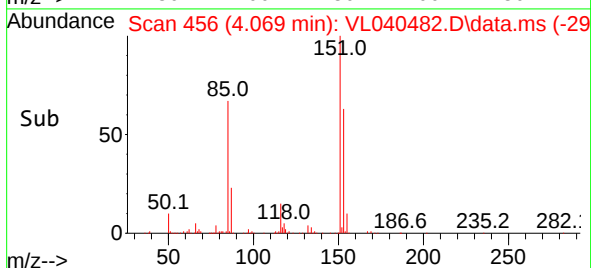
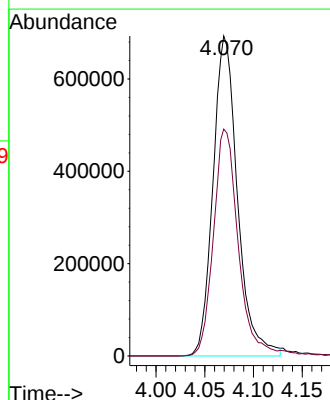
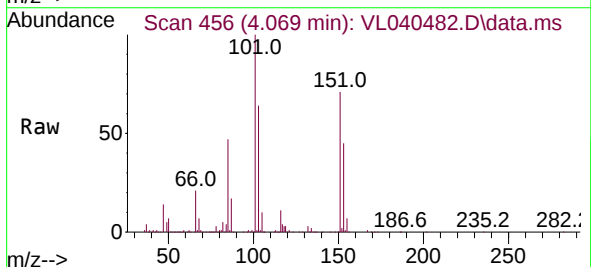
Manual Integrations
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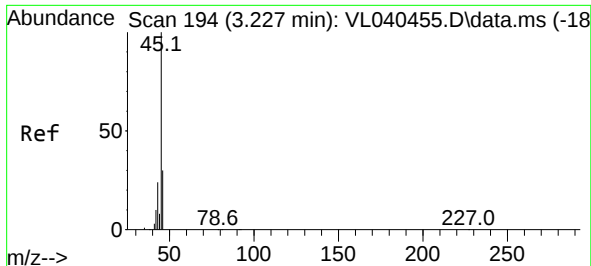
Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.003 ppbv
 RT: 4.069 min Scan# 456
 Delta R.T. 0.013 min
 Lab File: VL040482.D
 Acq: 16 Jun 2023 8:32

Tgt Ion:101 Resp: 1212075
 Ion Ratio Lower Upper
 101 100
 151 72.7 54.3 81.5





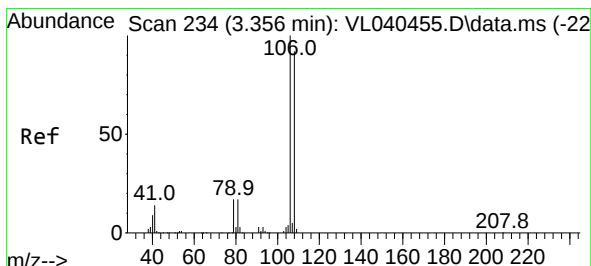
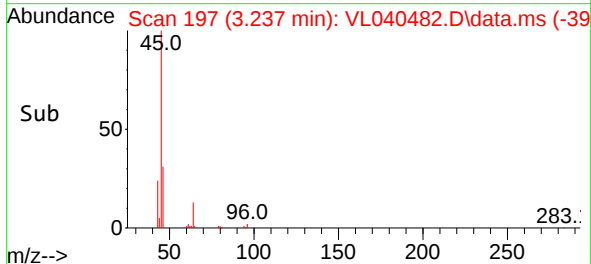
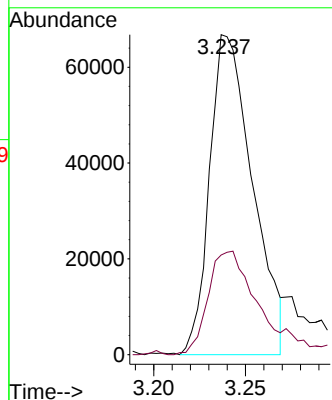
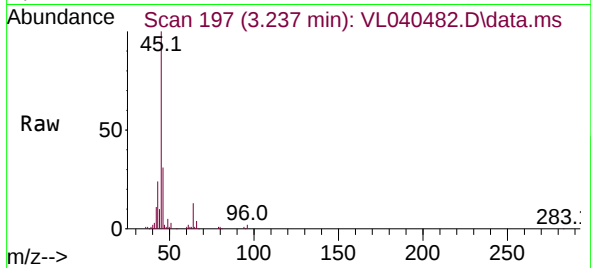
#13
Ethanol
Concen: 9.557 ppbv
RT: 3.237 min Scan# 194
Delta R.T. 0.010 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 108700
Ion Ratio Lower Upper
45 100
46 41.5 14.5 58.1

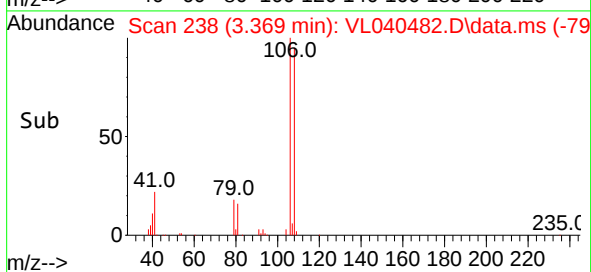
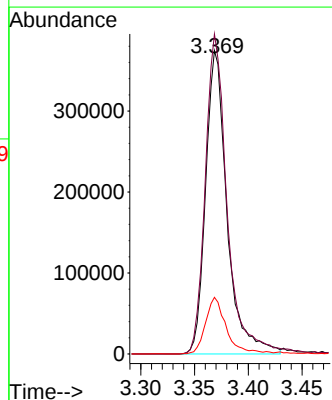
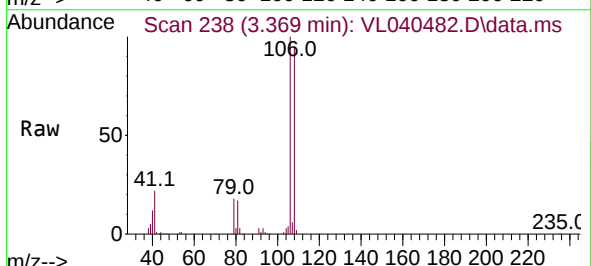
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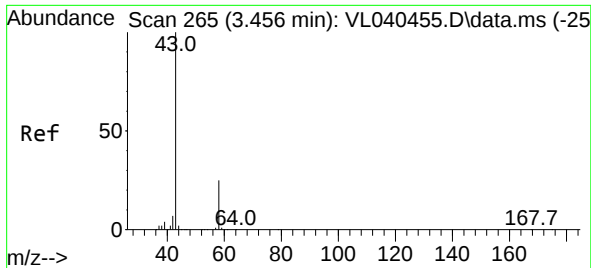
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#14
Bromoethene
Concen: 9.228 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.013 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Tgt Ion:108 Resp: 519616
Ion Ratio Lower Upper
108 100
106 108.9 87.4 131.0
79 18.8 15.9 23.9





#15

Acetone

Concen: 9.300 ppbv

RT: 3.468 min Scan# 2

Delta R.T. 0.013 min

Lab File: VL040482.D

Acq: 16 Jun 2023 8:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 121979

Ion Ratio Lower Upper

43 100

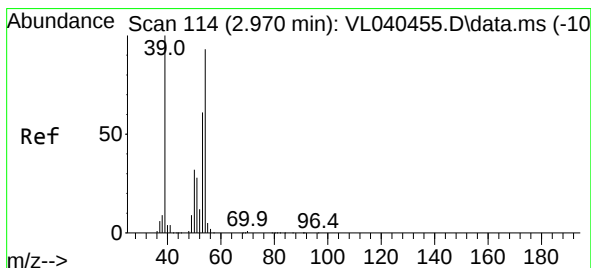
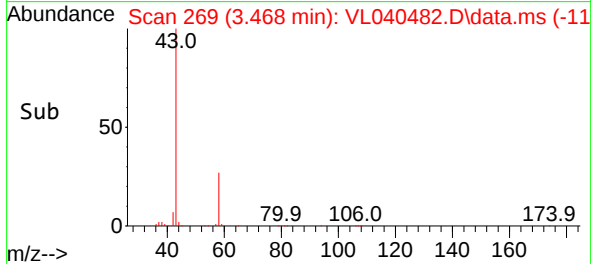
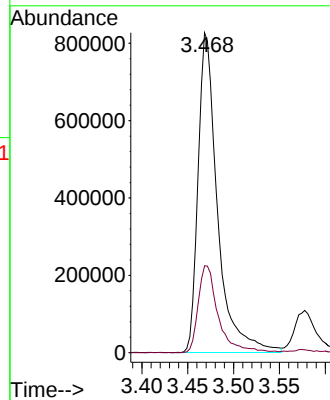
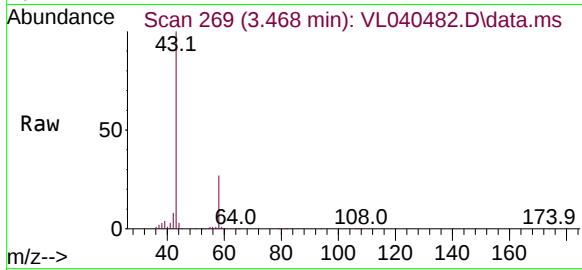
58 28.0 21.6 32.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#16

1,3-Butadiene

Concen: 10.680 ppbv

RT: 2.986 min Scan# 119

Delta R.T. 0.016 min

Lab File: VL040482.D

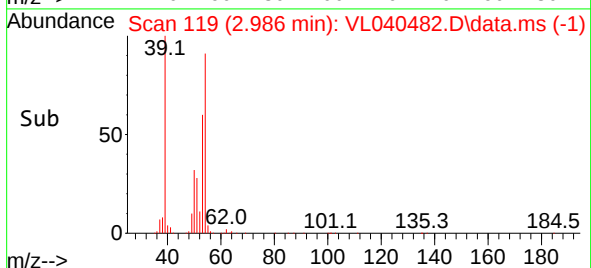
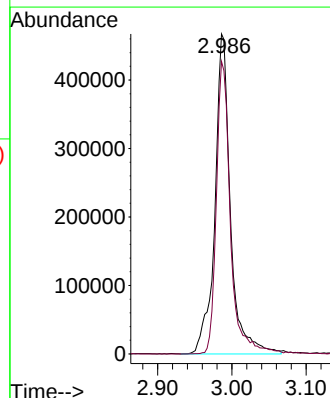
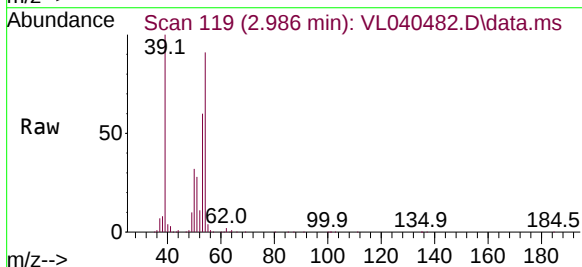
Acq: 16 Jun 2023 8:32

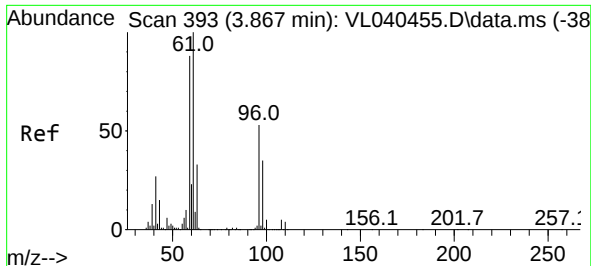
Tgt Ion: 39 Resp: 681824

Ion Ratio Lower Upper

39 100

54 82.9 66.9 100.3





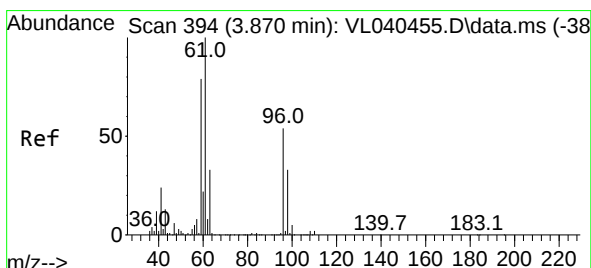
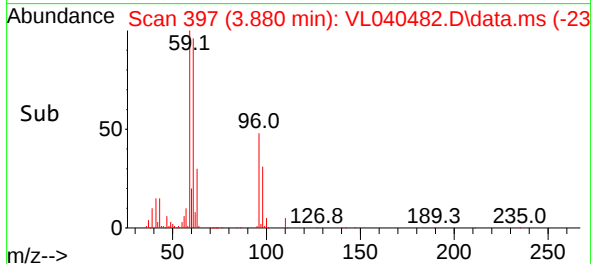
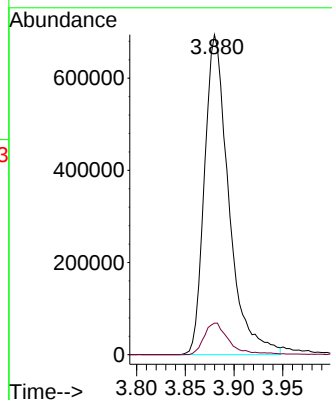
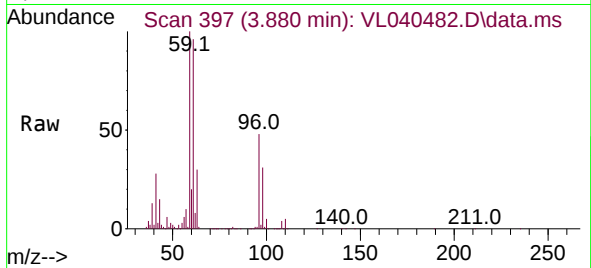
#17
tert-Butyl alcohol
Concen: 11.188 ppbv
RT: 3.880 min Scan# 393
Delta R.T. 0.013 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 120631
Ion Ratio Lower Upper
59 100
57 10.3 8.8 13.2

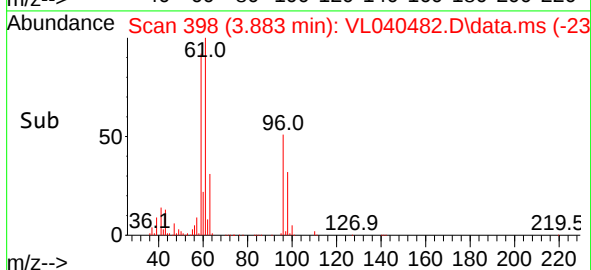
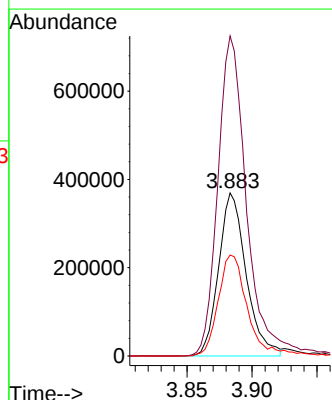
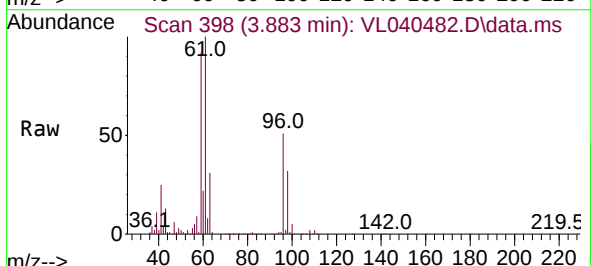
Manual Integrations
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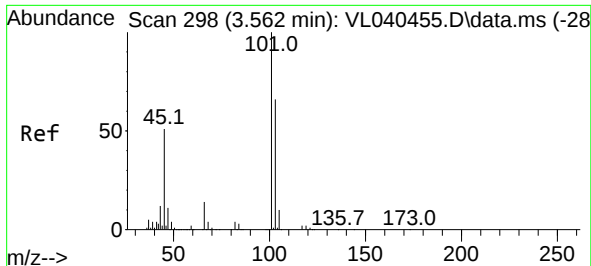
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#18
1,1-Dichloroethene
Concen: 9.060 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.013 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

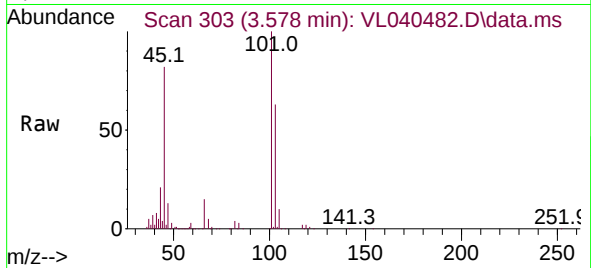
Tgt Ion: 96 Resp: 543446
Ion Ratio Lower Upper
96 100
61 196.2 149.5 224.3
98 61.9 48.7 73.1





#19
Isopropyl Alcohol
Concen: 11.665 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.016 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

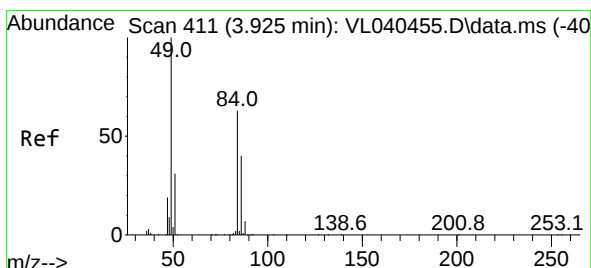
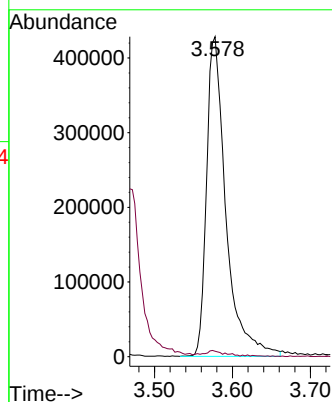
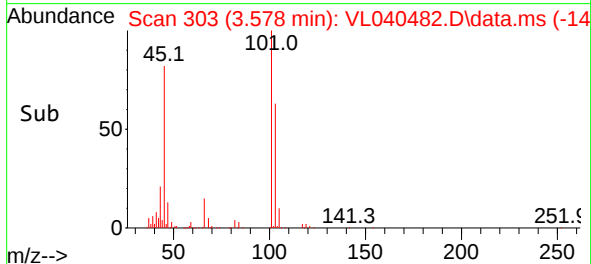
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



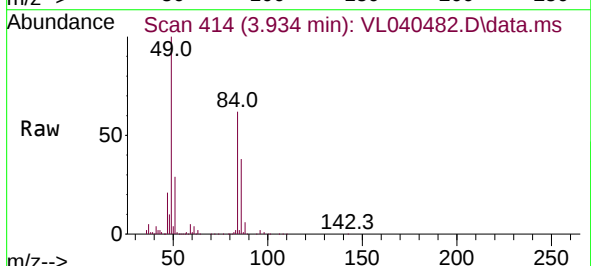
Tgt Ion: 45 Resp: 73741
Ion Ratio Lower Upper
45 100
58 2.2 2.6 4.0

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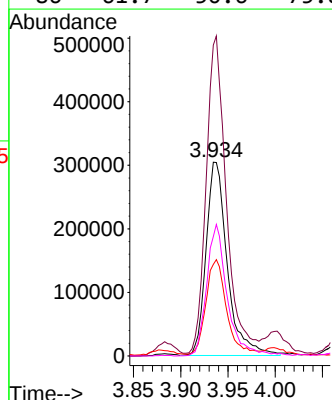
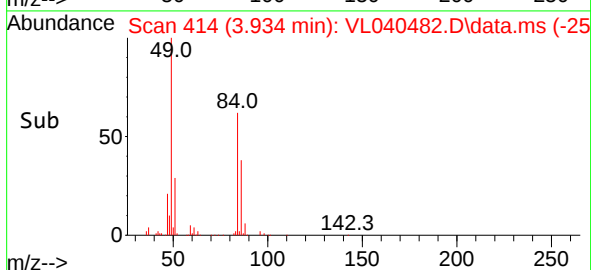
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

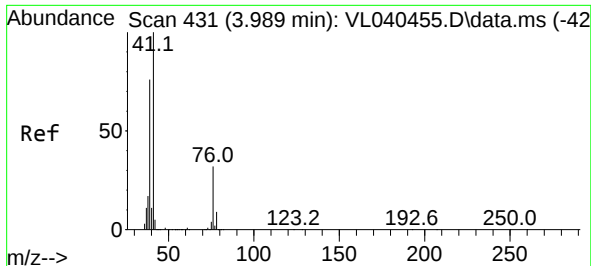


#20
Methylene Chloride
Concen: 8.536 ppbv
RT: 3.934 min Scan# 414
Delta R.T. 0.009 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



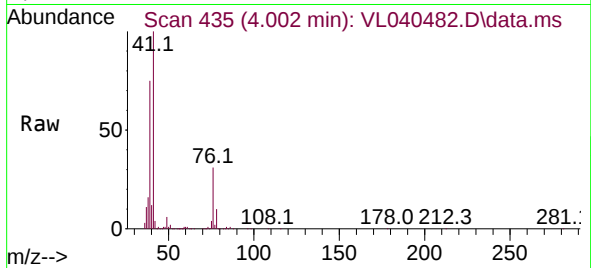
Tgt Ion: 84 Resp: 477825
Ion Ratio Lower Upper
84 100
49 158.5 126.2 189.2
51 46.2 38.7 58.1
86 61.7 50.6 75.8





#21
 Allyl Chloride
 Concen: 12.390 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040482.D
 Acq: 16 Jun 2023 8:32

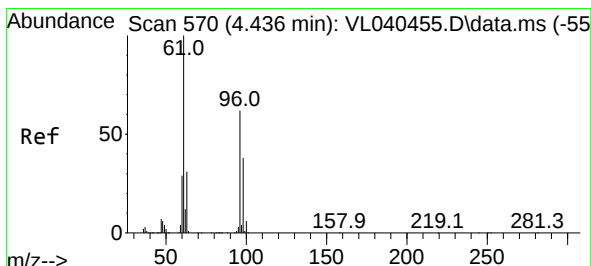
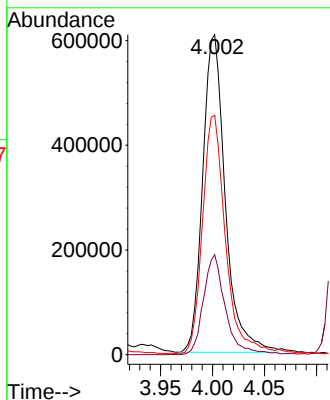
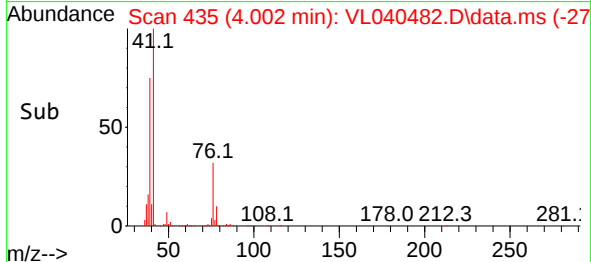
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



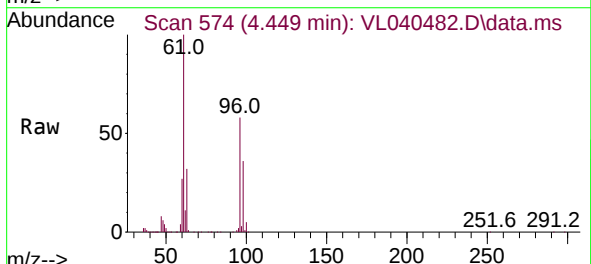
Tgt Ion: 41 Resp: 91794
 Ion Ratio Lower Upper
 41 100
 76 30.6 26.1 39.1
 39 76.9 63.9 95.9

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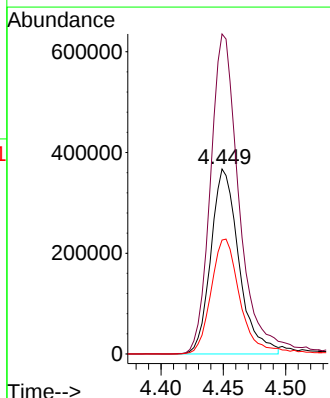
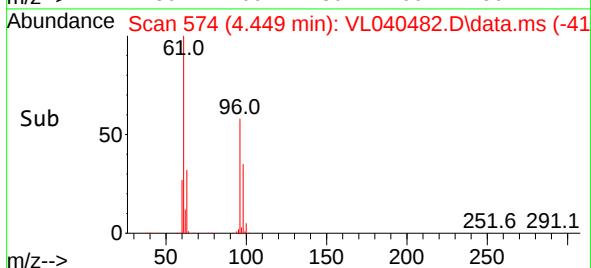
Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

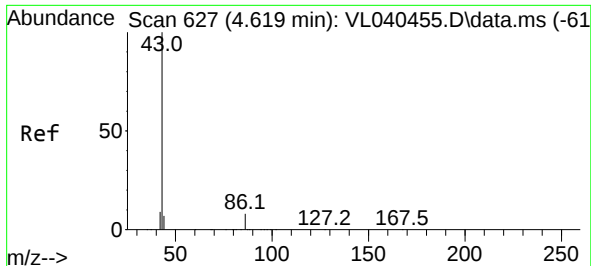


#22
 trans-1,2-Dichloroethene
 Concen: 9.364 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.013 min
 Lab File: VL040482.D
 Acq: 16 Jun 2023 8:32



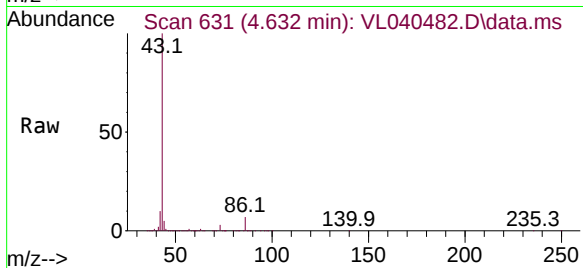
Tgt Ion: 96 Resp: 576309
 Ion Ratio Lower Upper
 96 100
 61 172.7 128.1 192.1
 98 61.6 48.2 72.4





#23
 Vinyl Acetate
 Concen: 12.420 ppbv
 RT: 4.632 min Scan# 611
 Delta R.T. 0.013 min
 Lab File: VL040482.D
 Acq: 16 Jun 2023 8:32

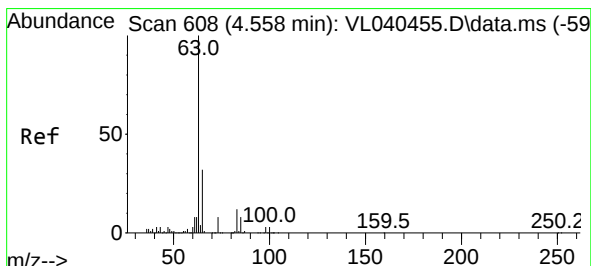
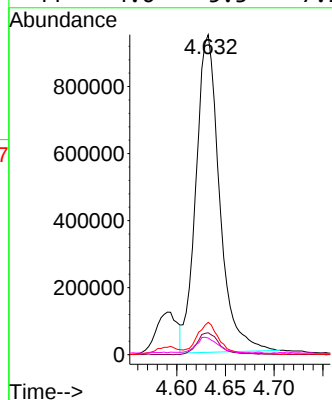
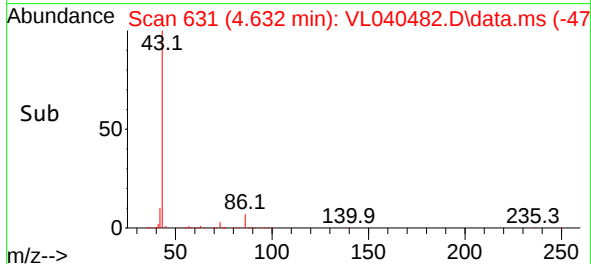
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 159113
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.8 8.6
 42 10.1 7.4 11.2
 44 4.6 5.3 7.9#

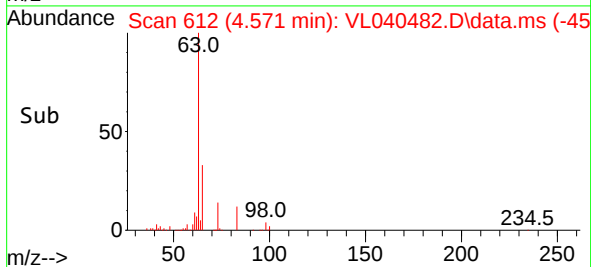
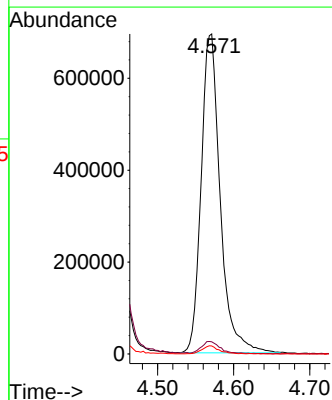
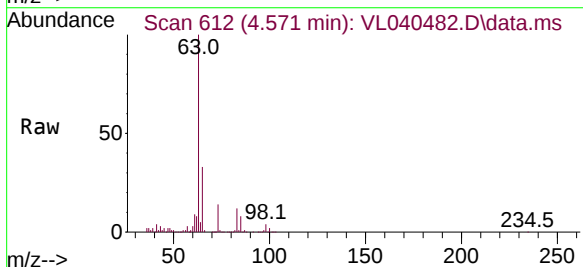
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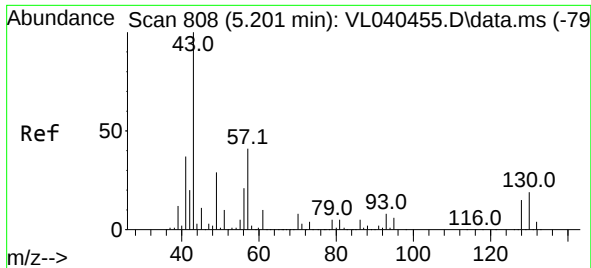
Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#24
 1,1-Dichloroethane
 Concen: 9.413 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.013 min
 Lab File: VL040482.D
 Acq: 16 Jun 2023 8:32

Tgt Ion: 63 Resp: 1209642
 Ion Ratio Lower Upper
 63 100
 98 3.8 1.8 5.5
 100 2.5 1.4 4.0





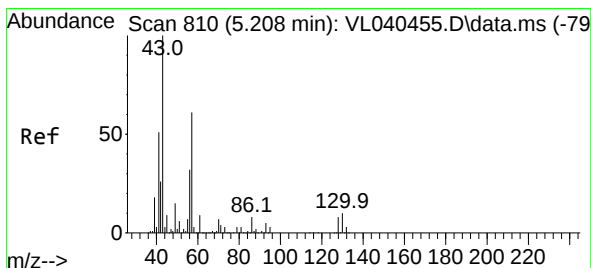
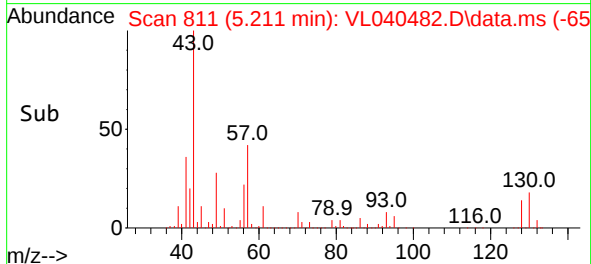
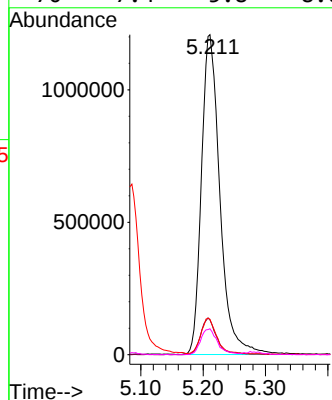
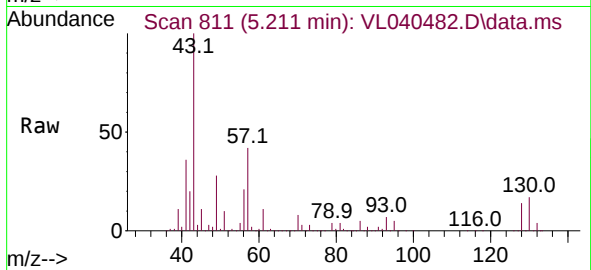
#25
Ethyl Acetate
Concen: 10.467 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 248770
Ion Ratio Lower Upper
43 100
45 10.2 8.0 12.0
61 10.0 8.1 12.1
70 7.4 5.8 8.6

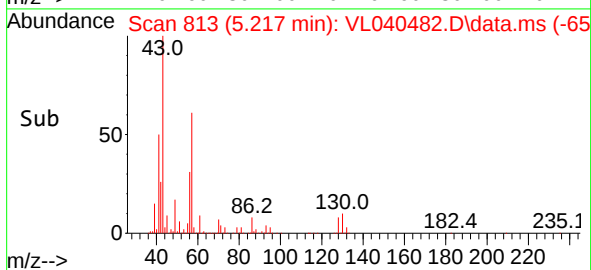
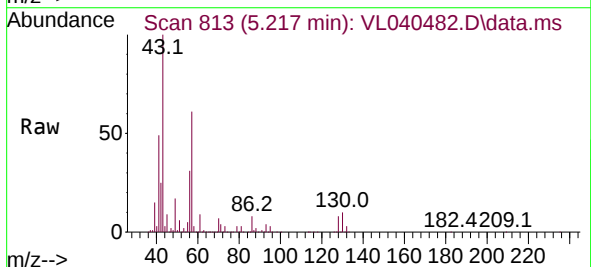
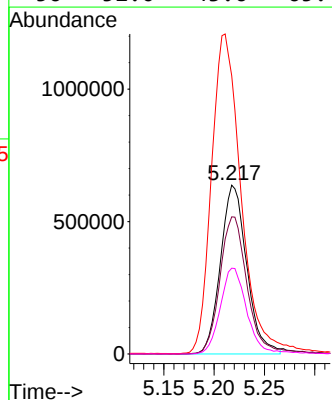
Manual Integrations
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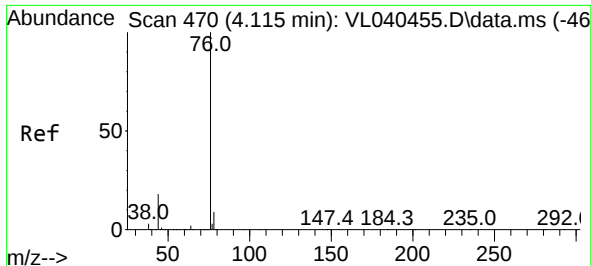
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#26
Hexane
Concen: 10.282 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.010 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

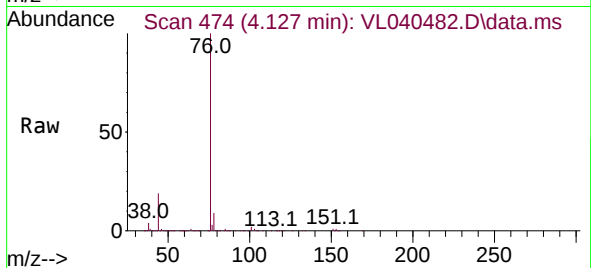
Tgt Ion: 57 Resp: 1157114
Ion Ratio Lower Upper
57 100
41 85.2 73.0 109.6
43 215.5 177.5 266.3
56 52.0 43.6 65.4





#27
Carbon Disulfide
Concen: 10.209 ppbv
RT: 4.127 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

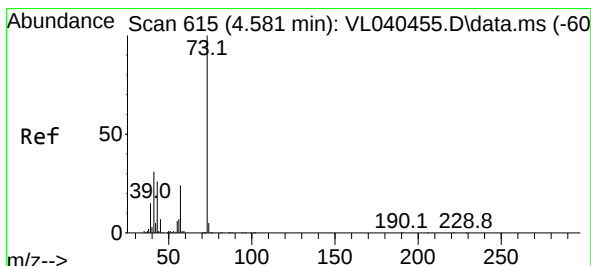
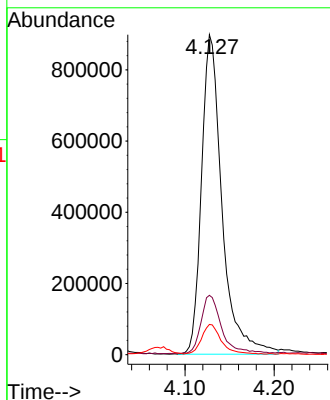
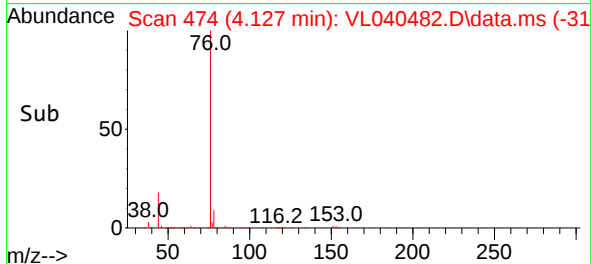
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 143701
Ion Ratio Lower Upper
76 100
44 18.8 14.6 22.0
78 9.5 7.6 11.4

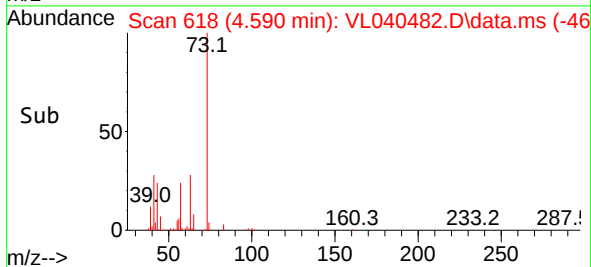
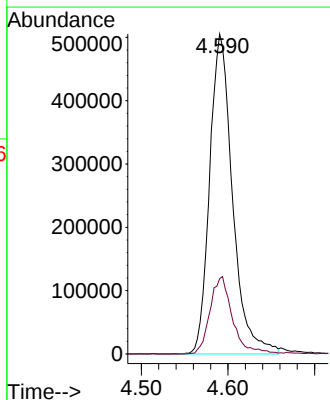
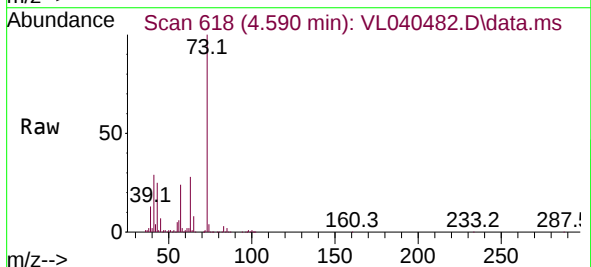
Manual Integrations
APPROVED

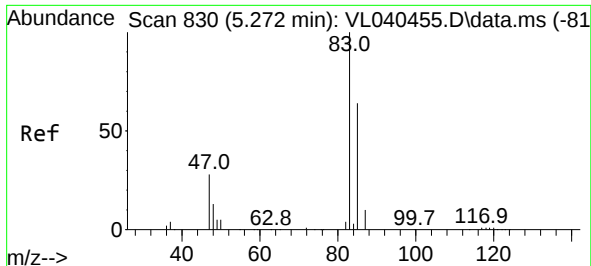
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#28
Methyl tert-Butyl Ether
Concen: 10.698 ppbv
RT: 4.590 min Scan# 618
Delta R.T. 0.010 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

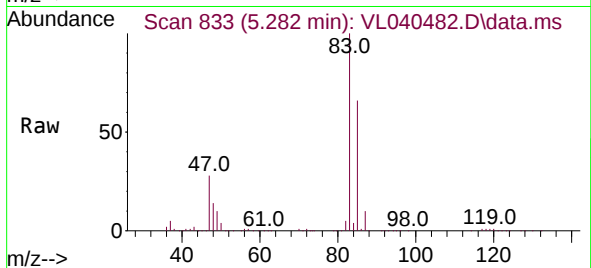
Tgt Ion: 73 Resp: 926914
Ion Ratio Lower Upper
73 100
57 24.1 19.0 28.4





#29
Chloroform
Concen: 9.107 ppbv
RT: 5.282 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

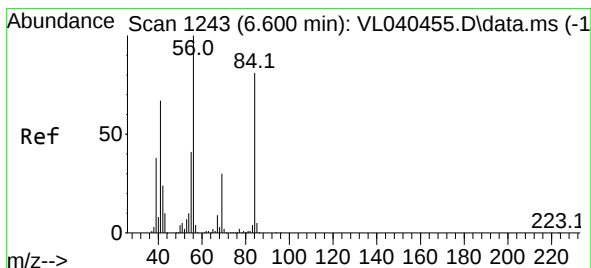
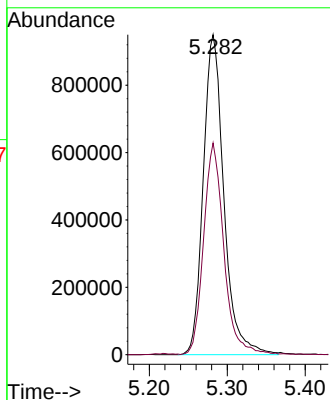
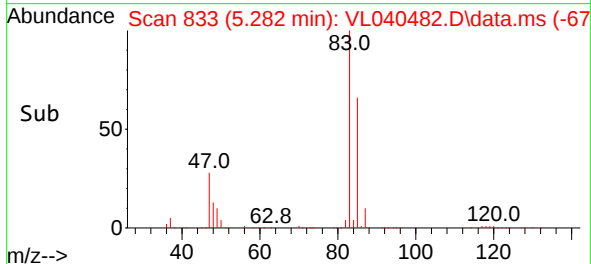
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



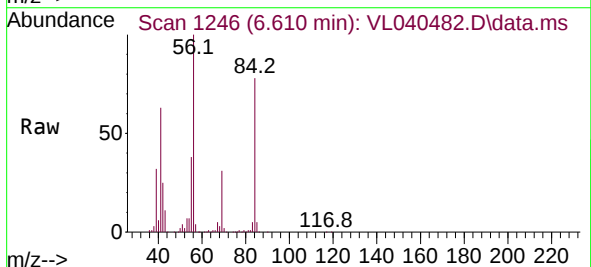
Tgt Ion: 83 Resp: 1745830
Ion Ratio Lower Upper
83 100
85 66.0 51.1 76.7

Manual Integrations
APPROVED

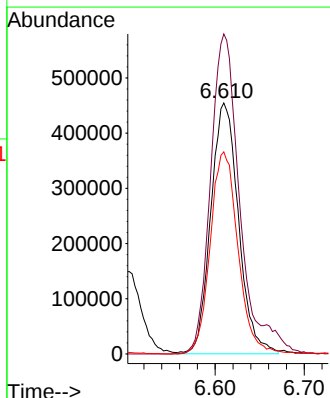
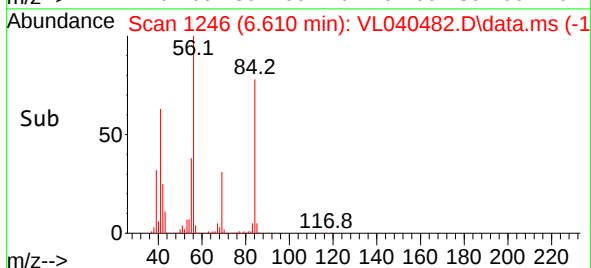
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

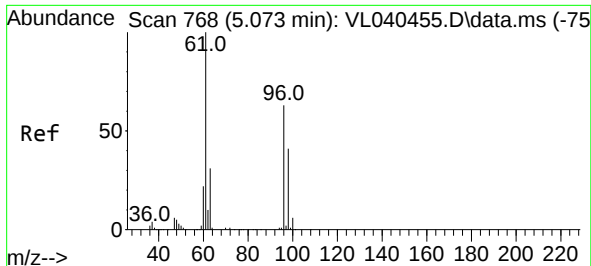


#30
Cyclohexane
Concen: 10.840 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. 0.009 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



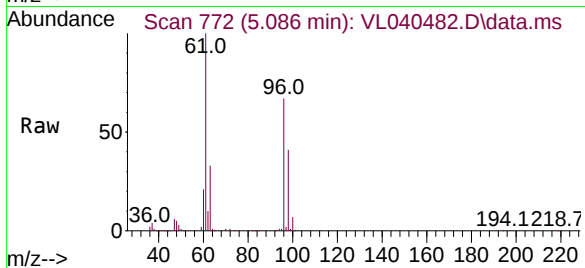
Tgt Ion: 84 Resp: 983105
Ion Ratio Lower Upper
84 100
56 135.2 106.0 159.0
41 80.7 66.8 100.2





#31
cis-1,2-Dichloroethene
Concen: 10.611 ppbv
RT: 5.086 min Scan# 71
Delta R.T. 0.013 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

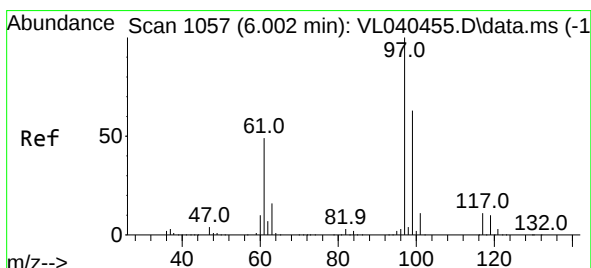
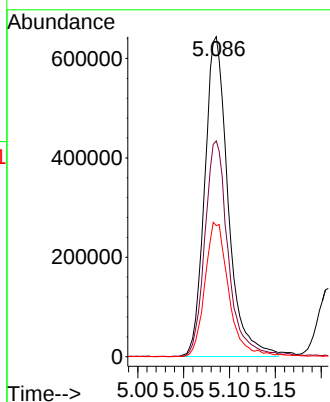
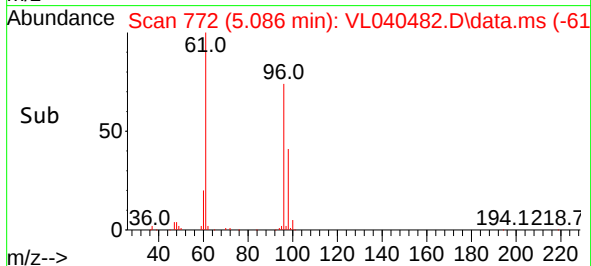
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



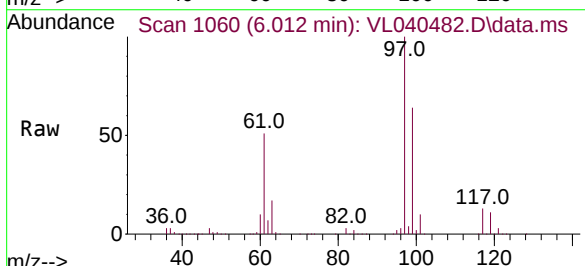
Tgt Ion: 61 Resp: 114255
Ion Ratio Lower Upper
61 100
96 67.4 50.2 75.4
98 41.0 32.9 49.3

Manual Integrations
APPROVED

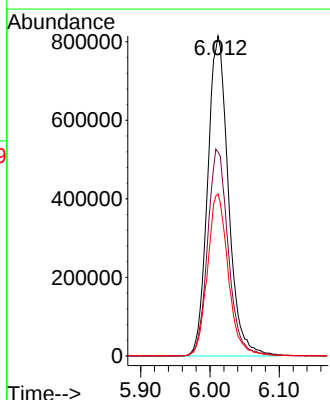
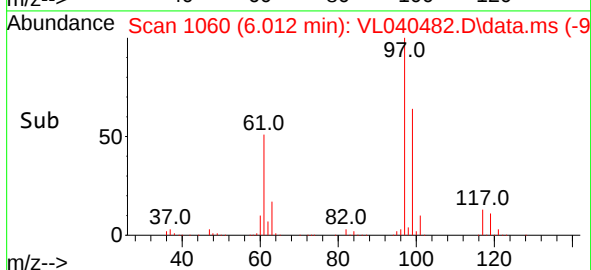
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

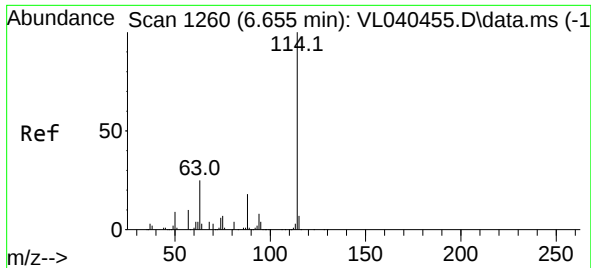


#32
1,1,1-Trichloroethane
Concen: 8.936 ppbv
RT: 6.012 min Scan# 1060
Delta R.T. 0.010 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



Tgt Ion: 97 Resp: 1691102
Ion Ratio Lower Upper
97 100
99 64.8 51.5 77.3
61 50.8 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL040482.D

Acq: 16 Jun 2023 8:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 286781

Ion Ratio Lower Upper

114 100

63 24.7 21.0 31.6

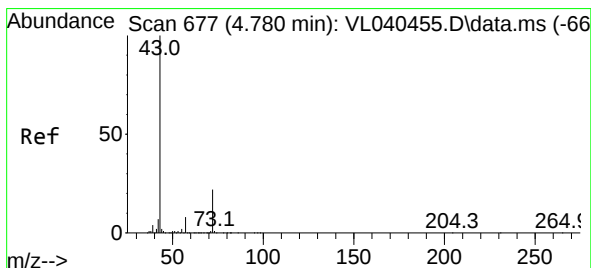
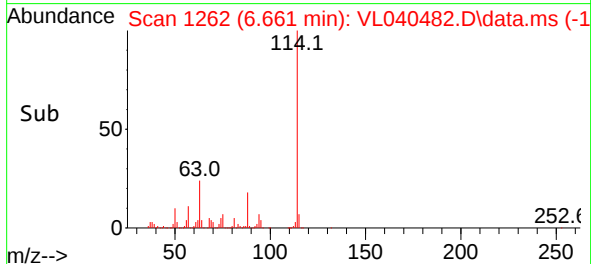
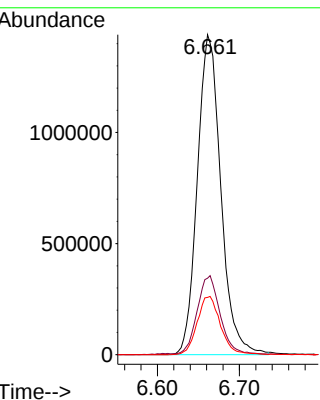
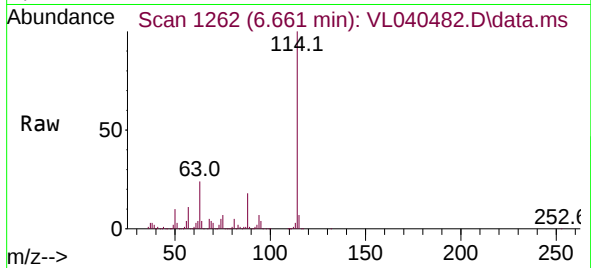
88 18.2 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#34

2-Butanone

Concen: 9.644 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.010 min

Lab File: VL040482.D

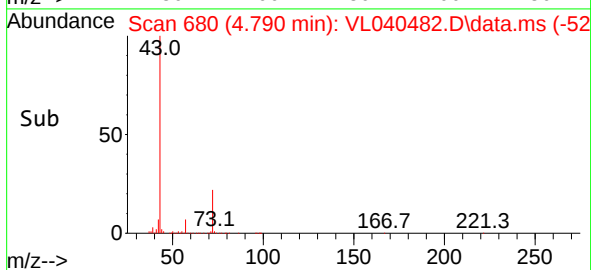
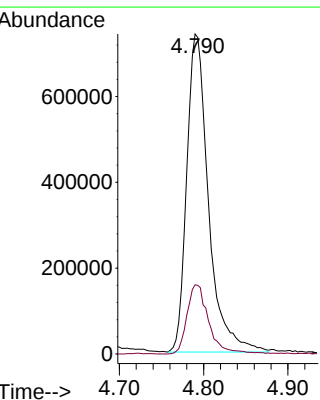
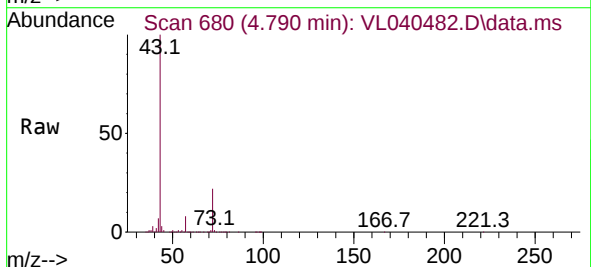
Acq: 16 Jun 2023 8:32

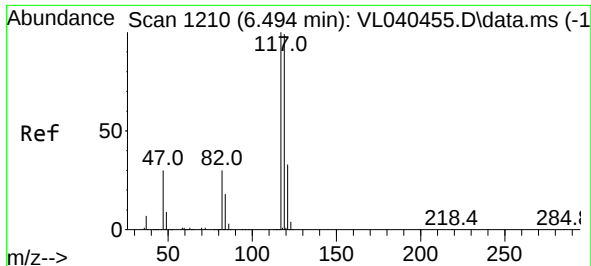
Tgt Ion: 43 Resp: 1333619

Ion Ratio Lower Upper

43 100

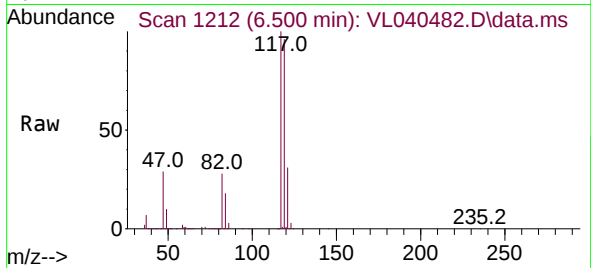
72 22.1 18.1 27.1





#35
Carbon Tetrachloride
Concen: 8.825 ppbv
RT: 6.500 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

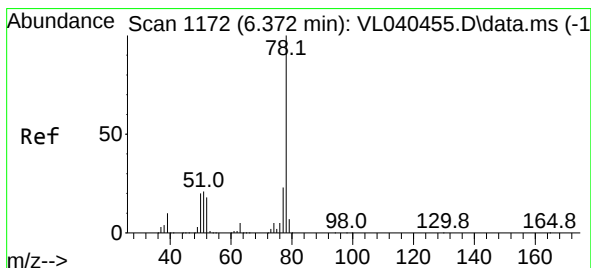
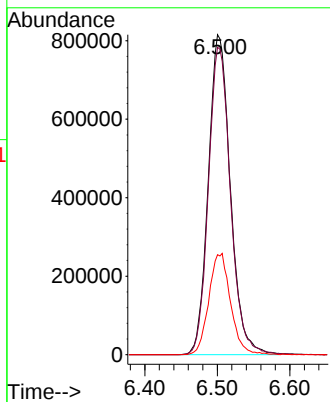
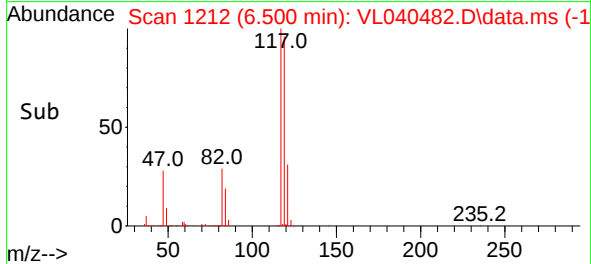
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1724784
Ion Ratio Lower Upper
117 100
119 96.0 79.1 118.7
121 31.2 26.0 39.0

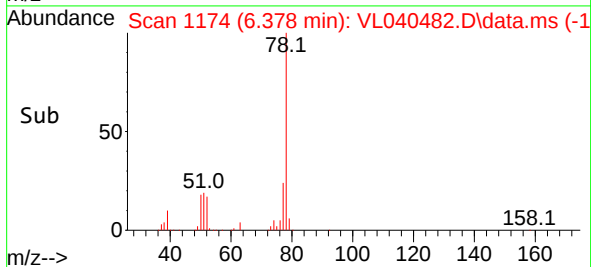
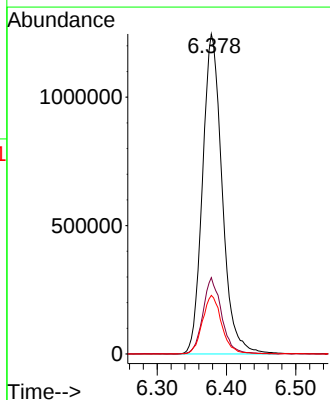
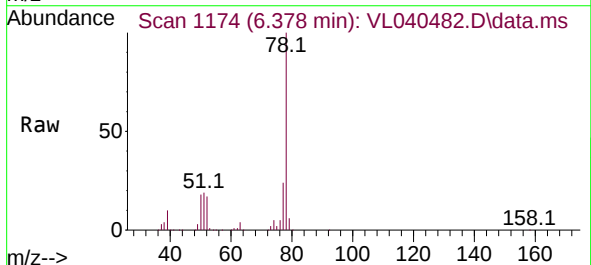
Manual Integrations
APPROVED

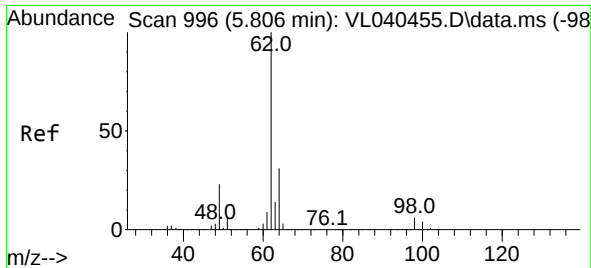
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#36
Benzene
Concen: 10.745 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Tgt Ion: 78 Resp: 2451064
Ion Ratio Lower Upper
78 100
77 23.8 18.5 27.7
50 18.3 16.1 24.1





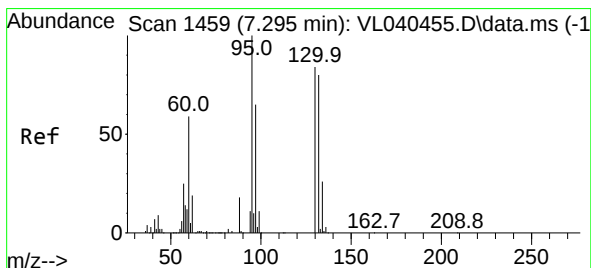
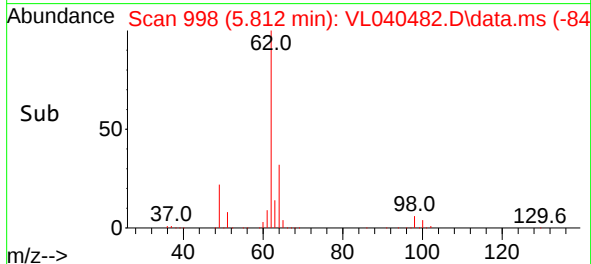
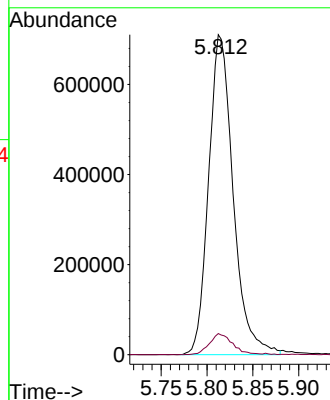
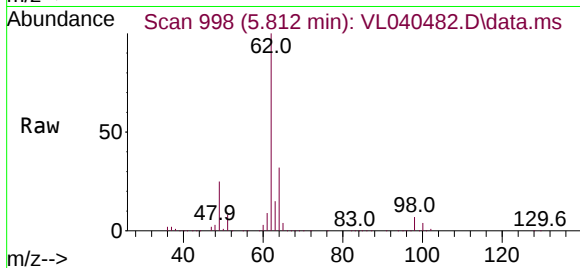
#37
1,2-Dichloroethane
Concen: 8.896 ppbv
RT: 5.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 132200
Ion Ratio Lower Upper
62 100
98 6.4 4.6 6.8

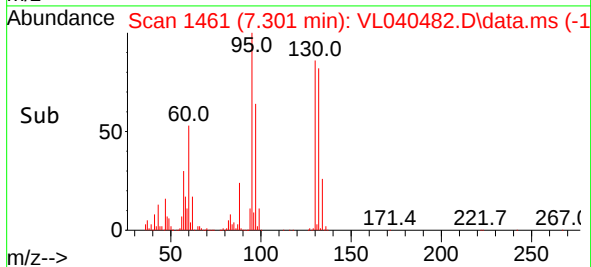
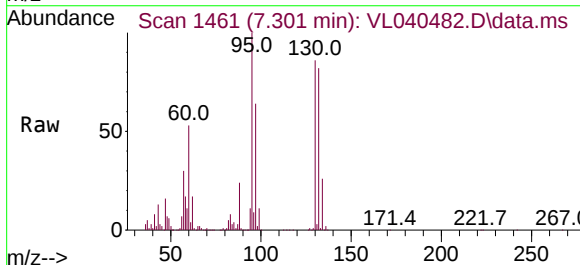
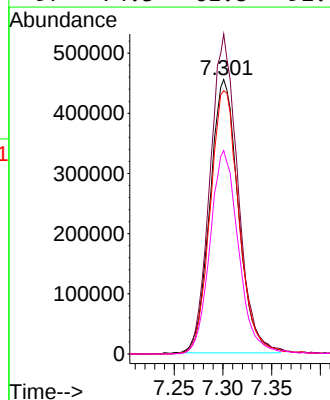
Manual Integrations
APPROVED

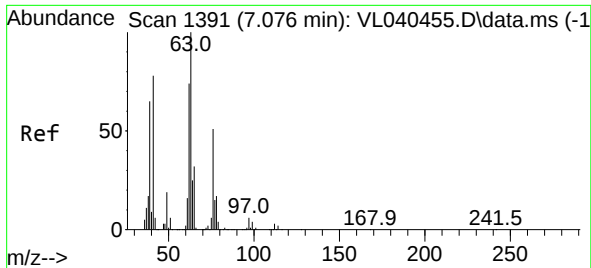
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#38
Trichloroethene
Concen: 10.646 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Tgt Ion:130 Resp: 920156
Ion Ratio Lower Upper
130 100
95 117.0 95.4 143.0
132 96.0 76.3 114.5
97 74.3 61.8 92.6





#39

1,2-Dichloropropane

Concen: 10.595 ppbv

RT: 7.082 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040482.D

Acq: 16 Jun 2023 8:32

Instrument :

MSVOA_L

ClientSampleId :

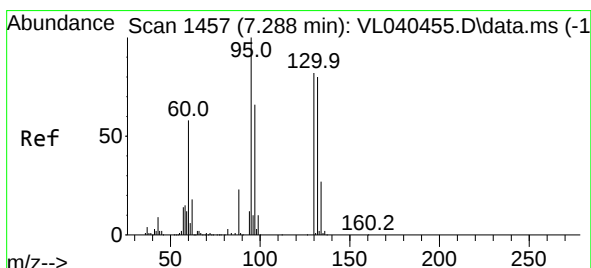
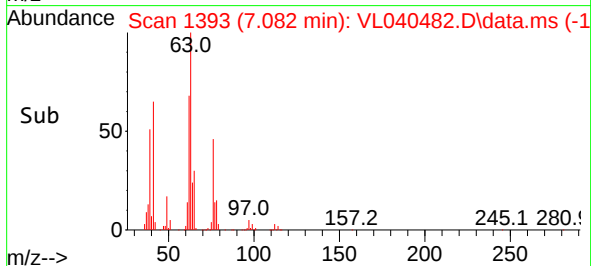
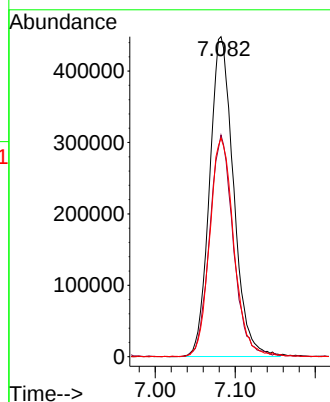
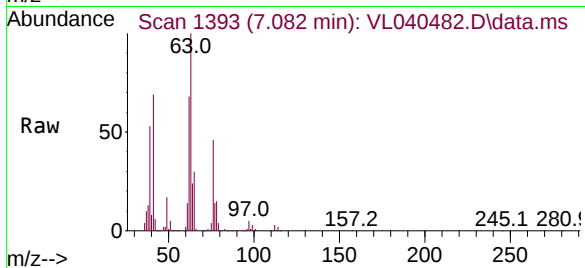
VSTDCCC010

Tgt Ion: 63	Resp: 931684
Ion Ratio	Lower Upper
63 100	
41 69.2	62.2 93.2
62 68.3	59.0 88.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#40

1,4-Dioxane

Concen: 11.990 ppbv

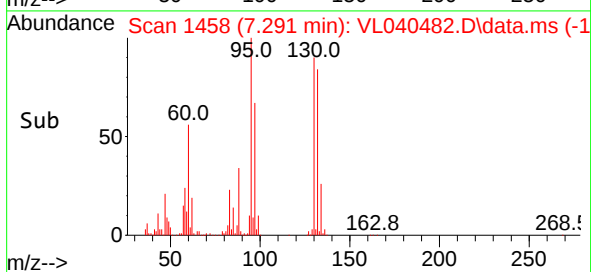
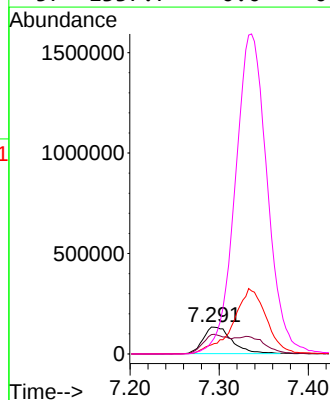
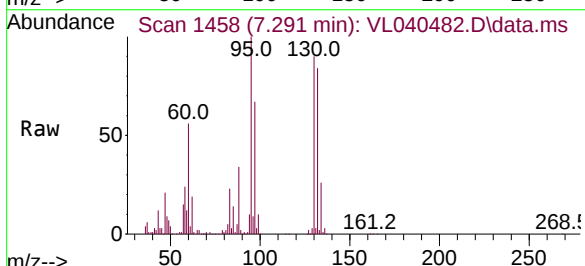
RT: 7.291 min Scan# 1458

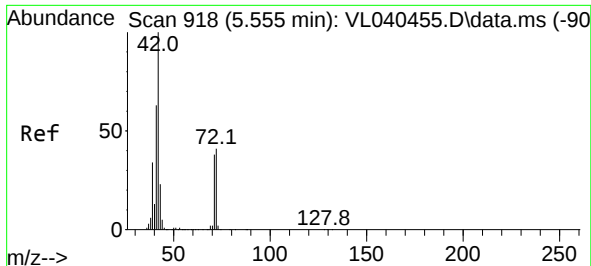
Delta R.T. 0.003 min

Lab File: VL040482.D

Acq: 16 Jun 2023 8:32

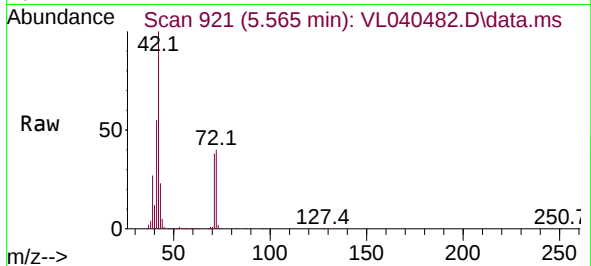
Tgt Ion: 88	Resp: 298637
Ion Ratio	Lower Upper
88 100	
58 134.2	0.0 0.0#
43 288.7	0.0 0.0#
57 1337.7	0.0 0.0#





#41
Tetrahydrofuran
Concen: 11.890 ppbv
RT: 5.565 min Scan# 918
Delta R.T. 0.010 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

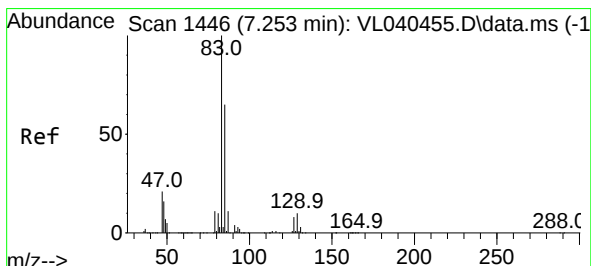
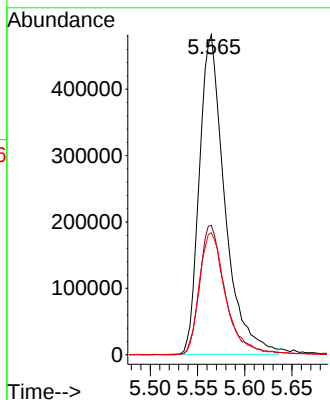
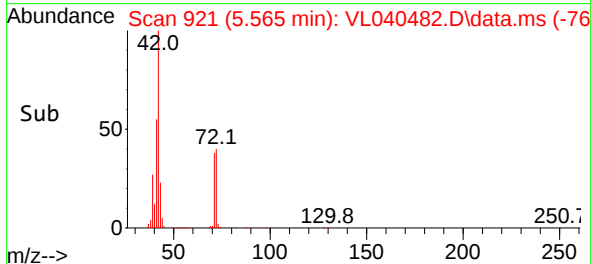
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



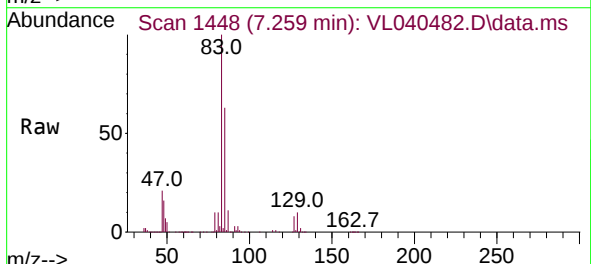
Tgt Ion: 42 Resp: 898722
Ion Ratio Lower Upper
42 100
72 41.3 33.8 50.8
71 40.6 32.3 48.5

Manual Integrations
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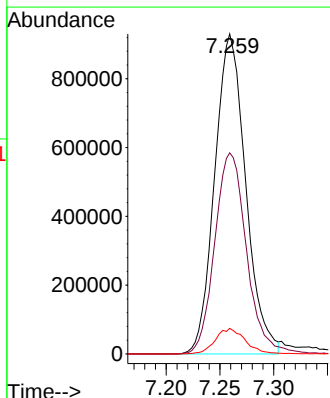
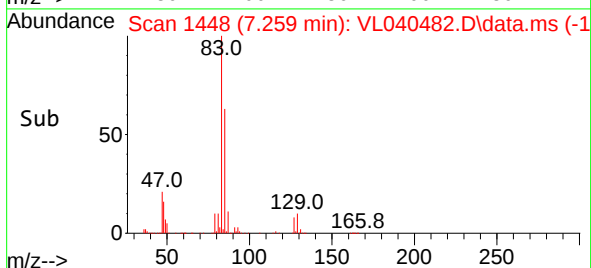
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

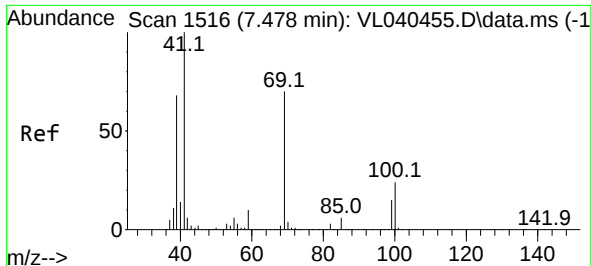


#42
Bromodichloromethane
Concen: 9.113 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



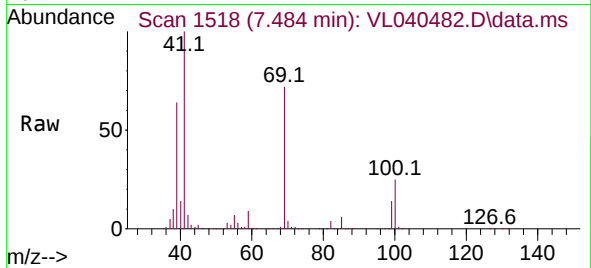
Tgt Ion: 83 Resp: 1864879
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.6
127 8.0 6.1 9.1





#43
Methyl Methacrylate
Concen: 12.006 ppbv
RT: 7.484 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

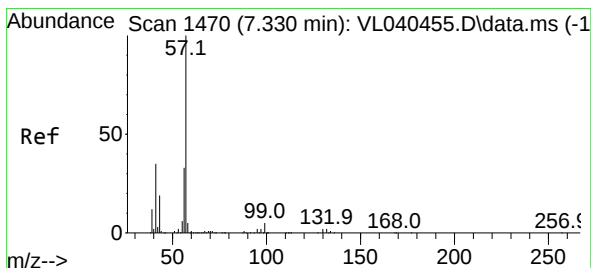
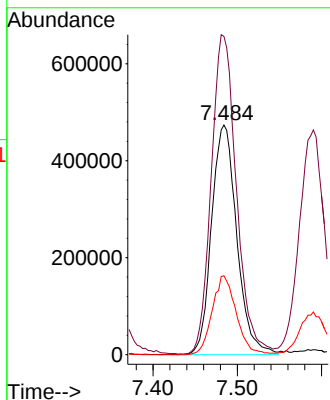
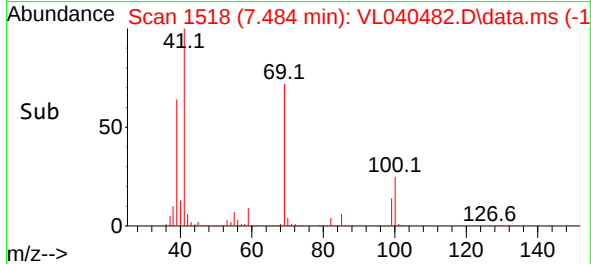
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



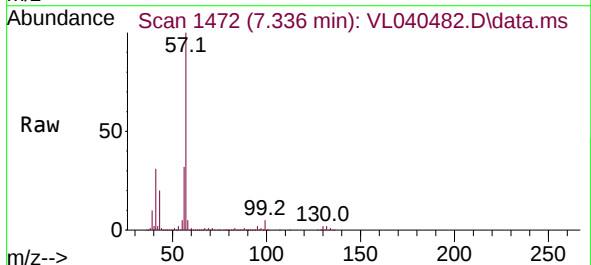
Tgt Ion: 69 Resp: 98384
Ion Ratio Lower Upper
69 100
41 138.9 114.3 171.5
100 32.9 25.4 38.2

Manual Integrations
APPROVED

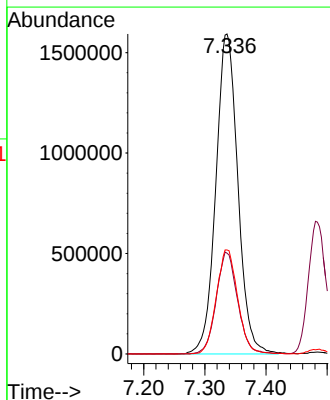
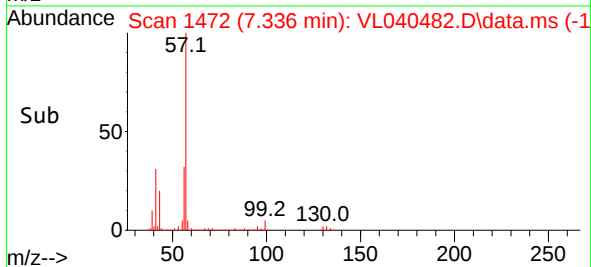
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

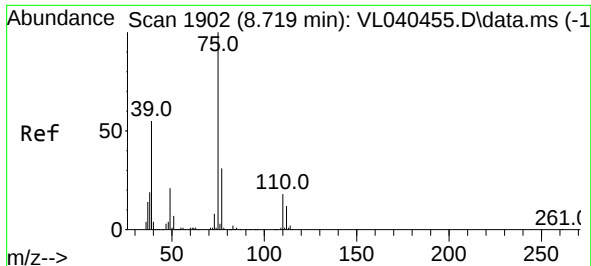


#44
2,2,4-Trimethylpentane
Concen: 10.699 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



Tgt Ion: 57 Resp: 3988351
Ion Ratio Lower Upper
57 100
41 30.9 27.8 41.8
56 31.7 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 17.809 ppbv

RT: 8.719 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VL040482.D

Acq: 16 Jun 2023 8:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 107756

Ion Ratio Lower Upper

75 100

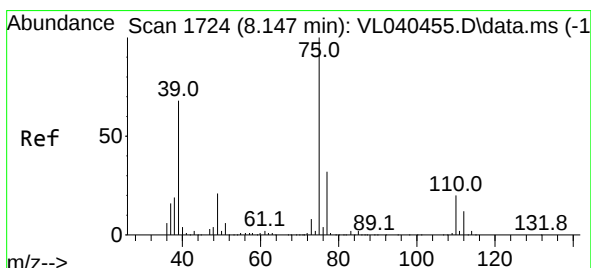
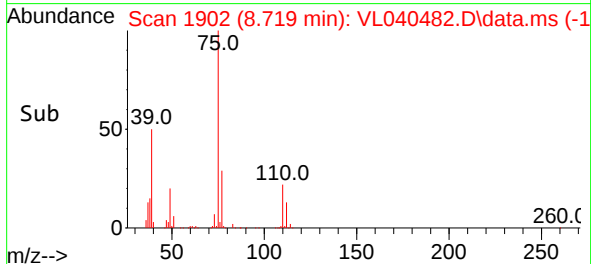
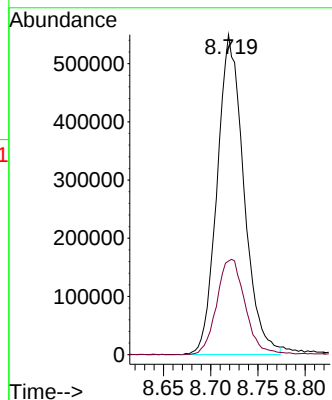
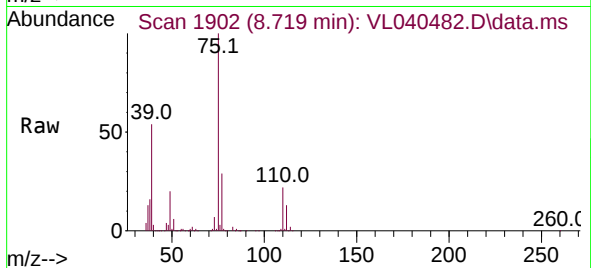
77 29.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#46

cis-1,3-Dichloropropene

Concen: 18.225 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. 0.003 min

Lab File: VL040482.D

Acq: 16 Jun 2023 8:32

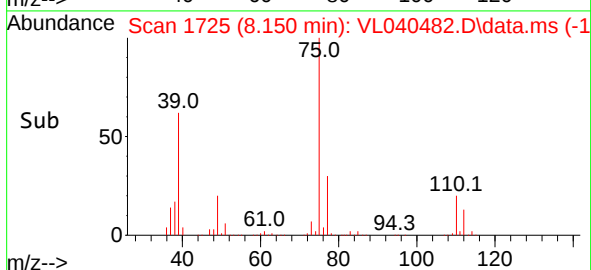
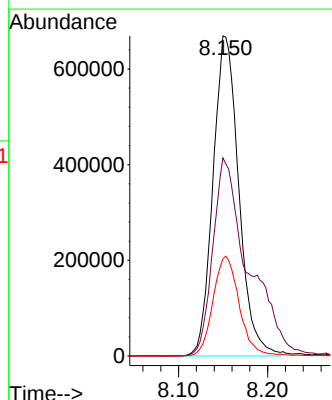
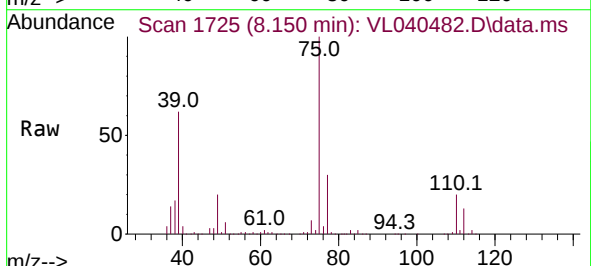
Tgt Ion: 75 Resp: 1344329

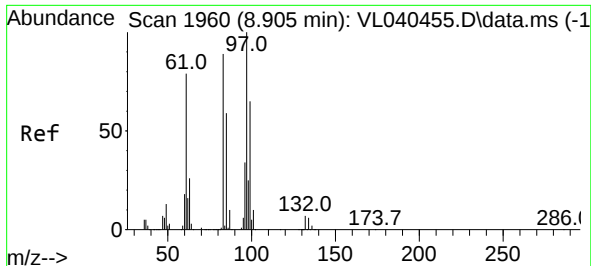
Ion Ratio Lower Upper

75 100

39 61.8 54.2 81.4

77 30.3 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.992 ppbv

RT: 8.909 min Scan# 1960

Delta R.T. 0.003 min

Lab File: VL040482.D

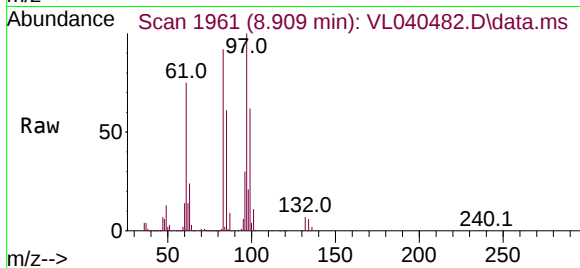
Acq: 16 Jun 2023 8:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 96574

Ion Ratio Lower Upper

97 100

83 92.2 71.4 107.2

85 61.0 47.2 70.8

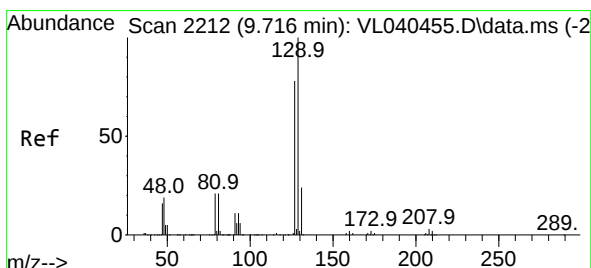
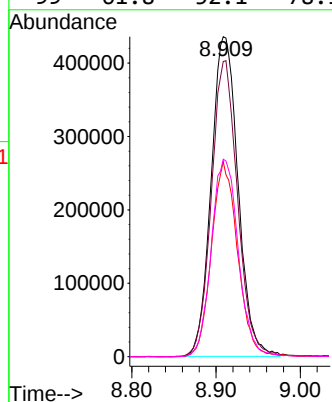
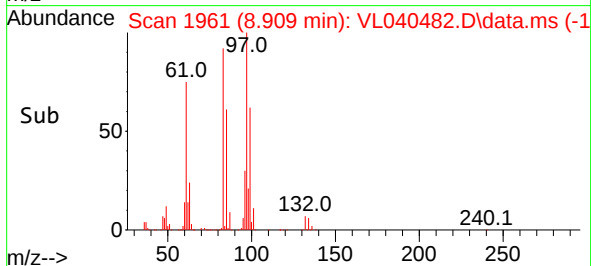
99 61.8 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#48

Dibromochloromethane

Concen: 9.990 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.006 min

Lab File: VL040482.D

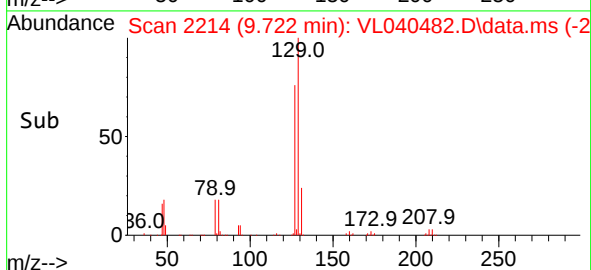
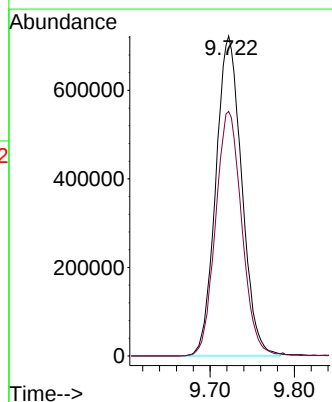
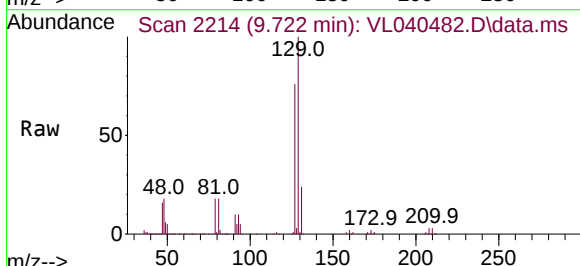
Acq: 16 Jun 2023 8:32

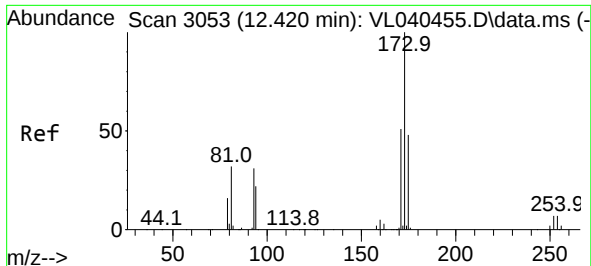
Tgt Ion:129 Resp: 1543533

Ion Ratio Lower Upper

129 100

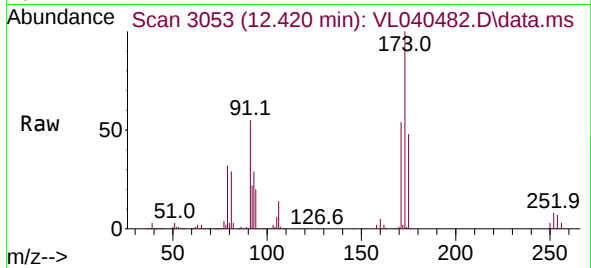
127 77.6 39.4 118.1





#49
Bromoform
Concen: 10.219 ppbv
RT: 12.420 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

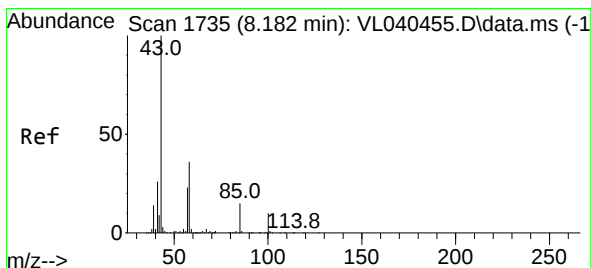
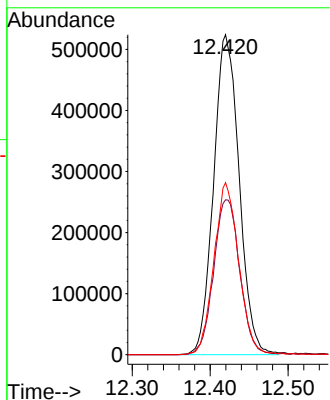
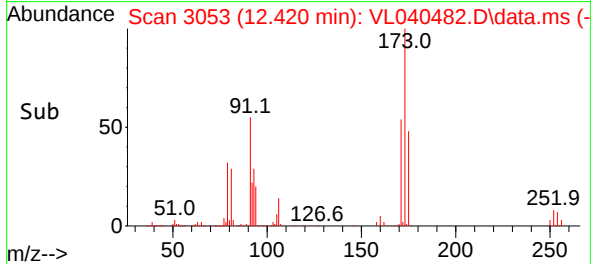
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 1194669
Ion Ratio Lower Upper
173 100
175 49.9 39.2 58.8
171 52.5 42.2 63.2

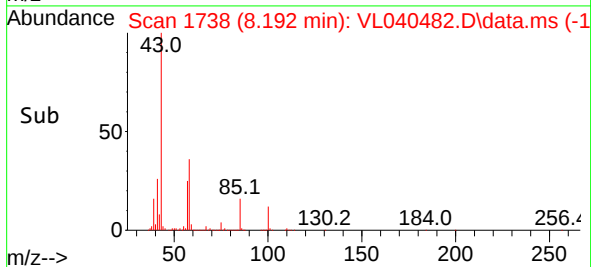
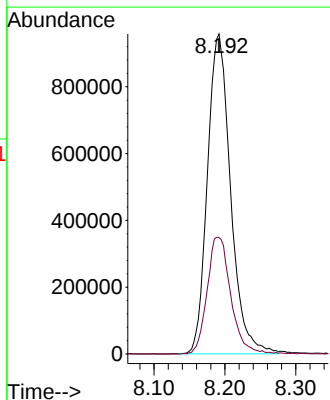
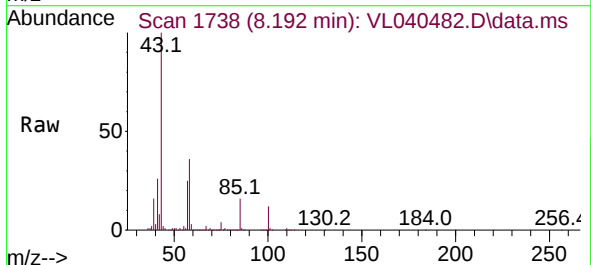
Manual Integrations
APPROVED

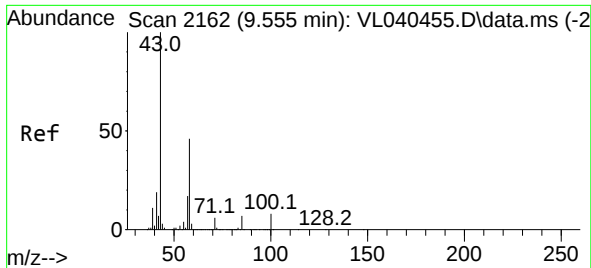
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#50
4-Methyl-2-Pentanone
Concen: 11.754 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.009 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Tgt Ion: 43 Resp: 2177122
Ion Ratio Lower Upper
43 100
58 37.3 28.2 42.4





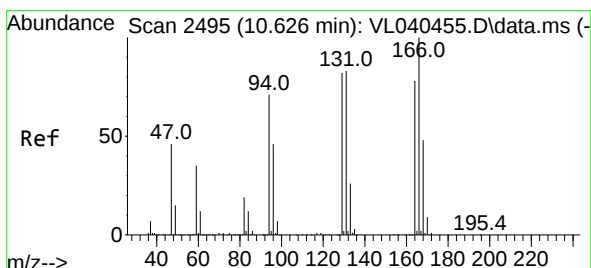
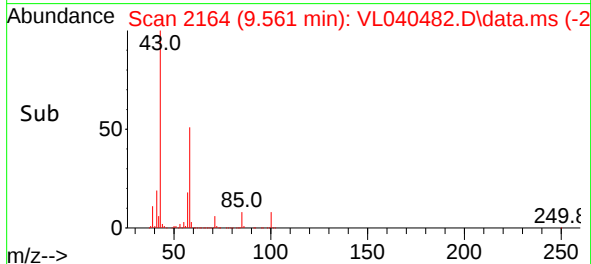
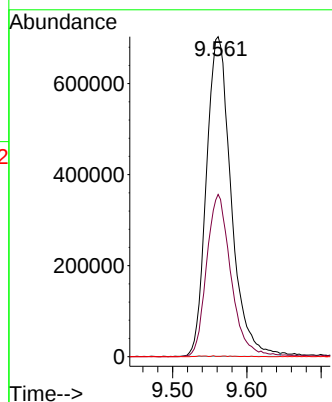
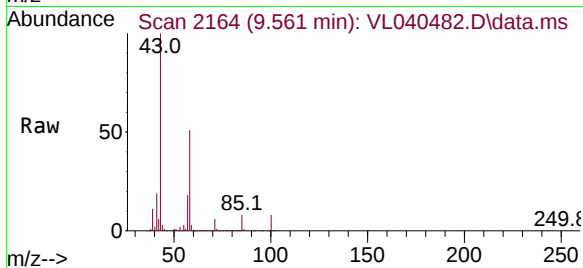
#51
2-Hexanone
Concen: 12.595 ppbv
RT: 9.561 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 161951
Ion Ratio Lower Upper
43 100
58 50.7 37.1 55.7
98 0.2 0.5 0.7

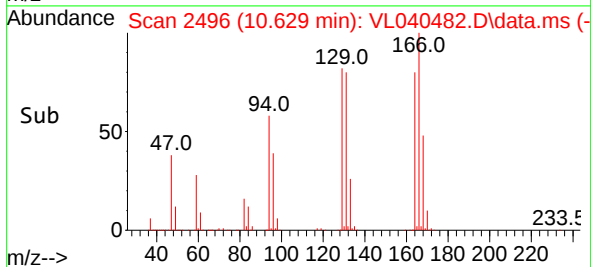
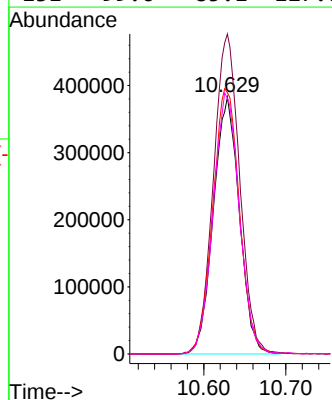
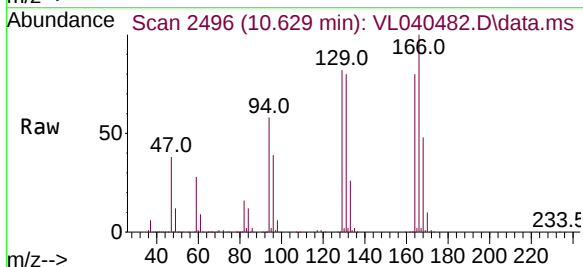
Manual Integrations
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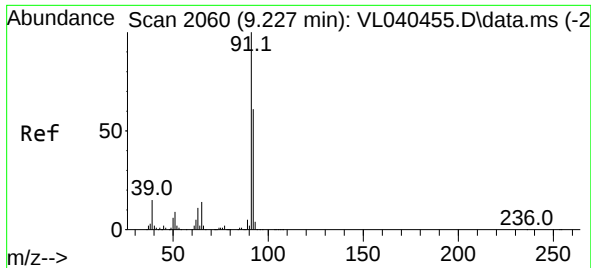
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#52
Tetrachloroethene
Concen: 11.698 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Tgt Ion:164 Resp: 837835
Ion Ratio Lower Upper
164 100
166 124.3 102.7 154.1
129 101.5 84.6 126.8
131 99.6 85.1 127.7





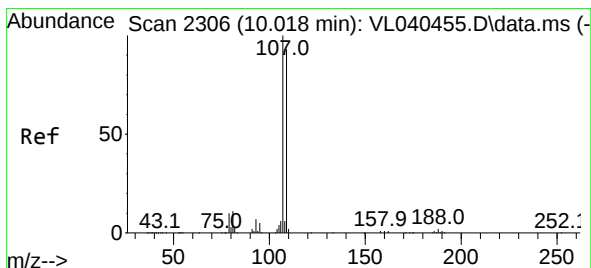
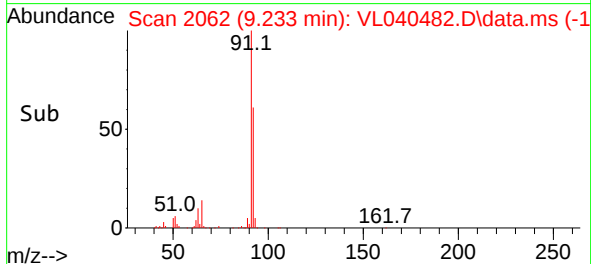
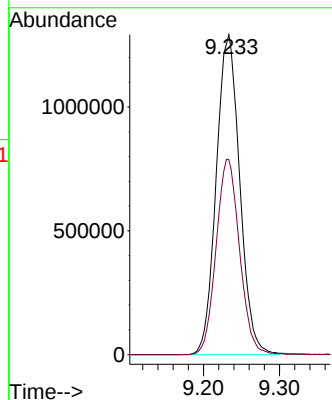
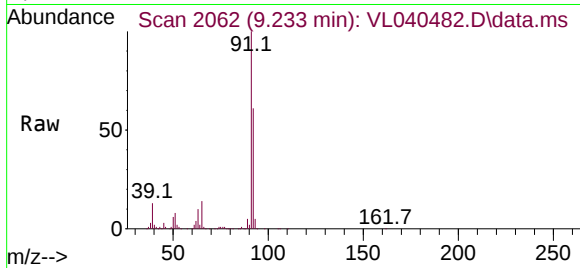
#53
Toluene
Concen: 11.546 ppbv
RT: 9.233 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2774060
Ion Ratio Lower Upper
91 100
92 61.0 49.1 73.7

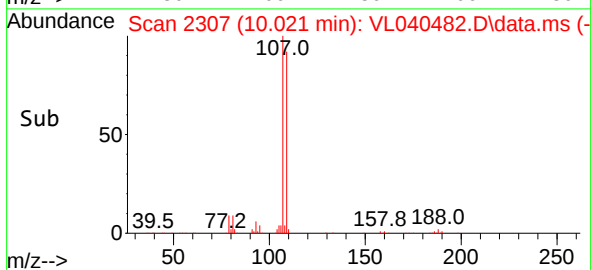
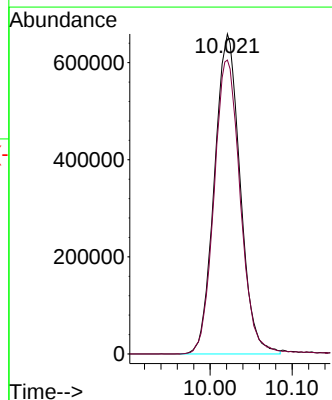
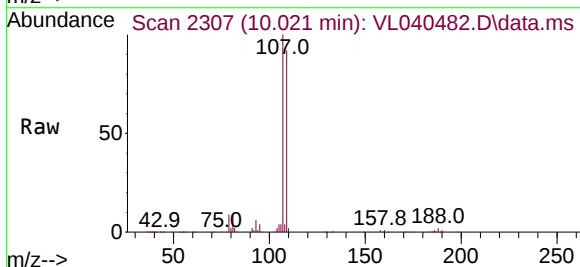
Manual Integrations
APPROVED

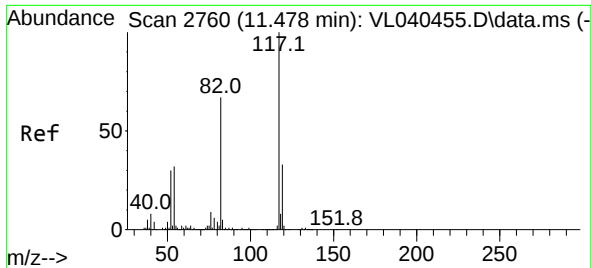
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#54
1,2-Dibromoethane
Concen: 11.327 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.003 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

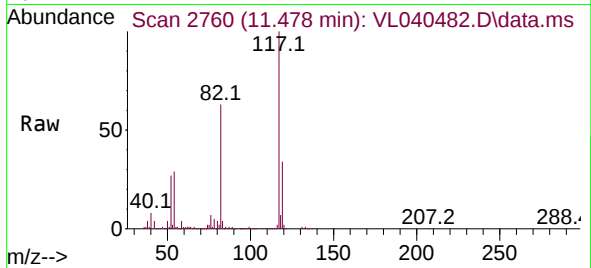
Tgt Ion:107 Resp: 1435163
Ion Ratio Lower Upper
107 100
109 91.9 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

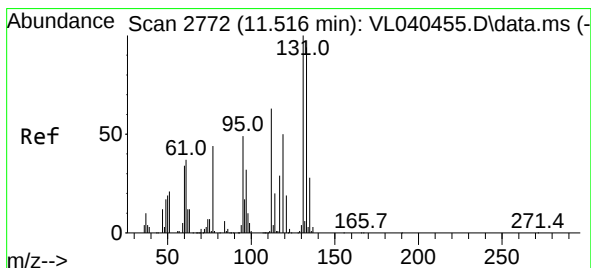
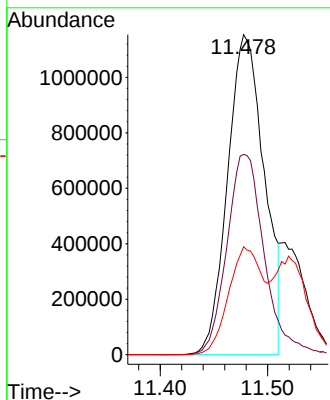
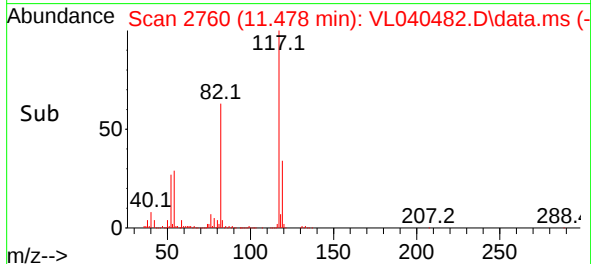
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



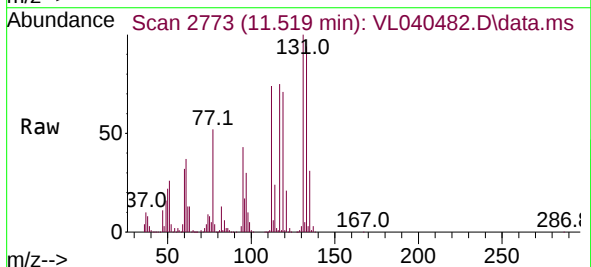
Tgt Ion:117 Resp: 273640
Ion Ratio Lower Upper
117 100
82 64.2 53.0 79.4
119 31.2 24.4 36.6

Manual Integrations
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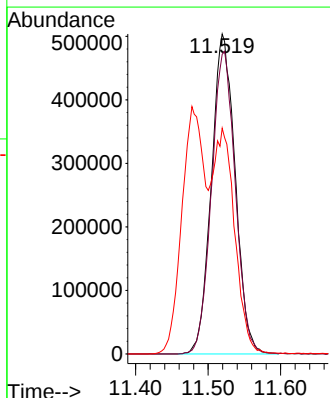
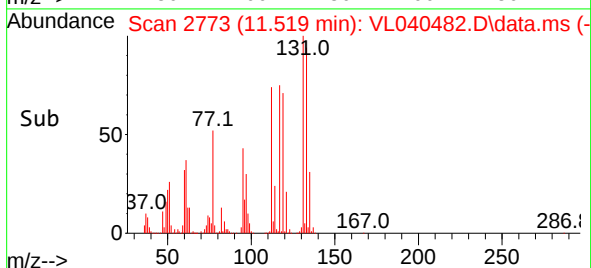
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

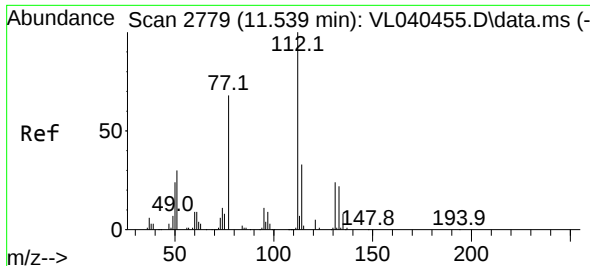


#56
1,1,1,2-Tetrachloroethane
Concen: 8.899 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



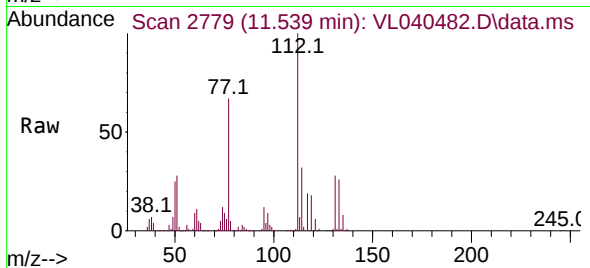
Tgt Ion:131 Resp: 1144519
Ion Ratio Lower Upper
131 100
133 95.1 75.7 113.5
119 66.0 51.4 77.2





#57
Chlorobenzene
Concen: 9.855 ppbv
RT: 11.539 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

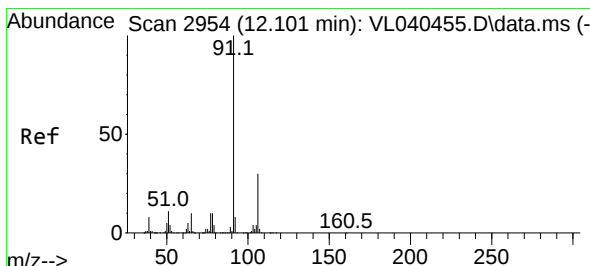
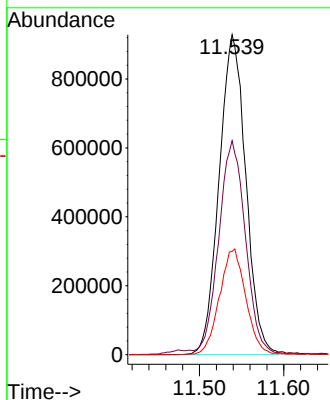
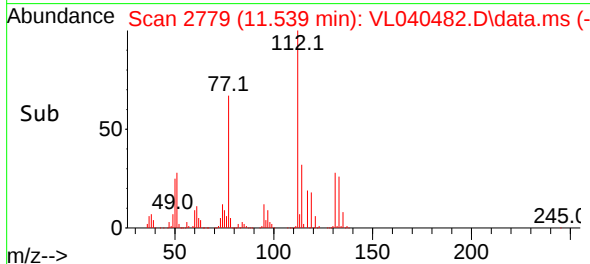
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



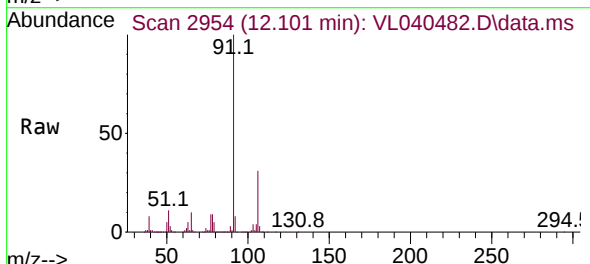
Tgt Ion:112 Resp: 2038354
Ion Ratio Lower Upper
112 100
77 66.1 55.4 83.2
114 32.2 30.0 36.6

Manual Integrations
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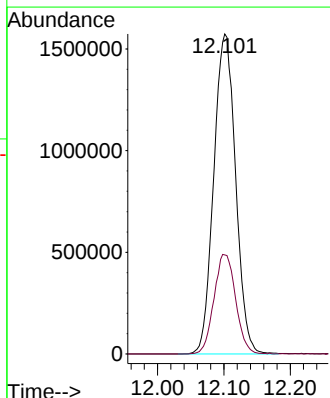
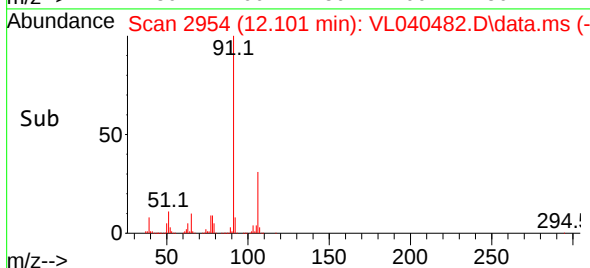
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

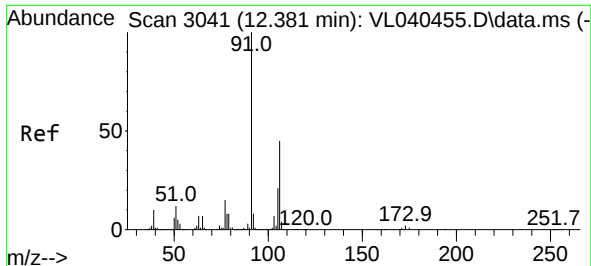


#58
Ethyl Benzene
Concen: 10.864 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



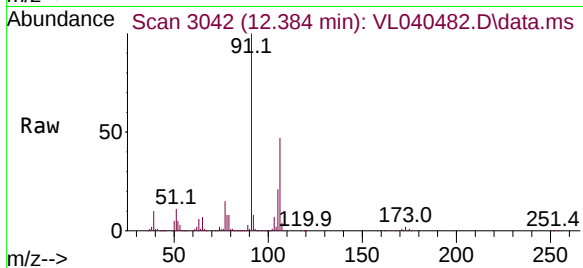
Tgt Ion: 91 Resp: 3602106
Ion Ratio Lower Upper
91 100
106 30.9 23.7 35.5





#59
m/p-Xylene
Concen: 19.690 ppbv m
RT: 12.384 min Scan# 3041
Delta R.T. 0.003 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

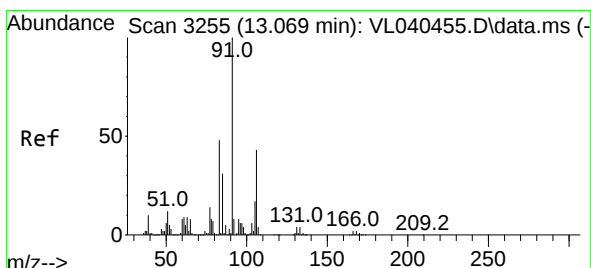
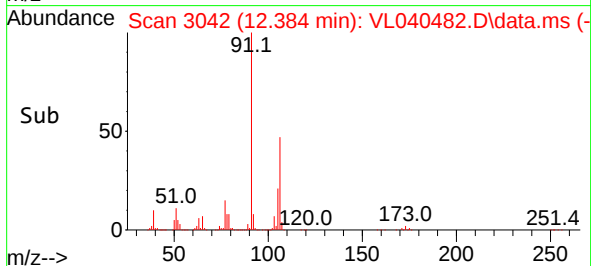
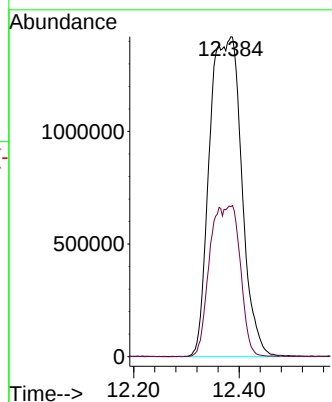
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 5999632
Ion Ratio Lower Upper
91 100
106 44.9 34.6 52.0

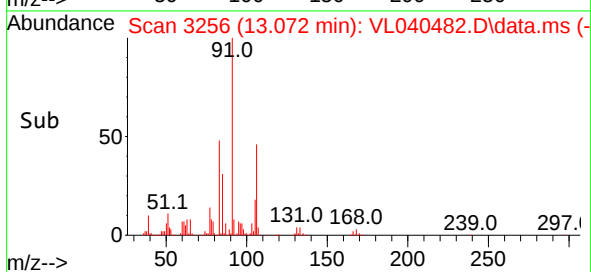
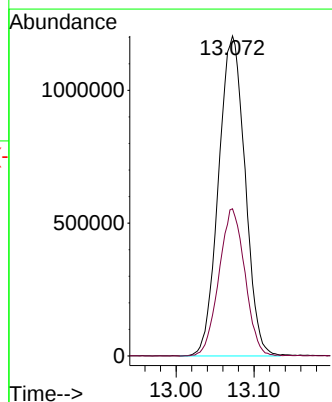
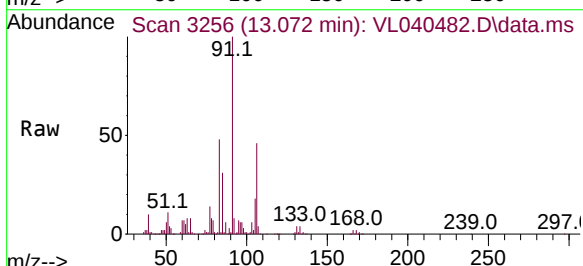
Manual Integrations
APPROVED

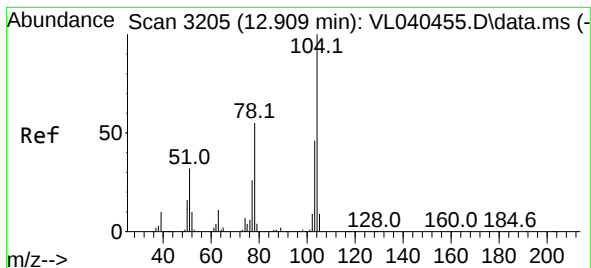
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#60
o-Xylene
Concen: 9.833 ppbv
RT: 13.072 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Tgt Ion: 91 Resp: 2841877
Ion Ratio Lower Upper
91 100
106 45.2 22.1 66.1





#61

Styrene

Concen: 12.423 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040482.D

Acq: 16 Jun 2023 8:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1545089

Ion Ratio Lower Upper

104 100

78 50.0 43.1 64.7

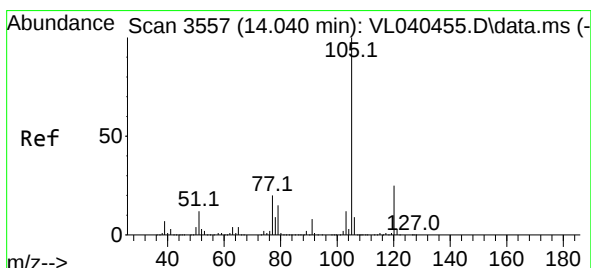
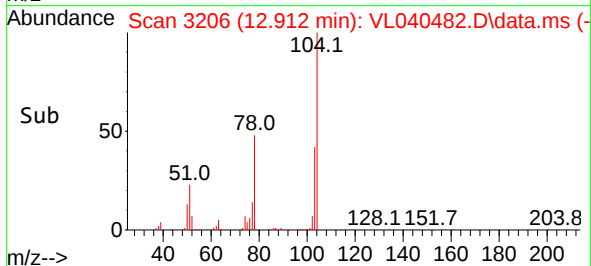
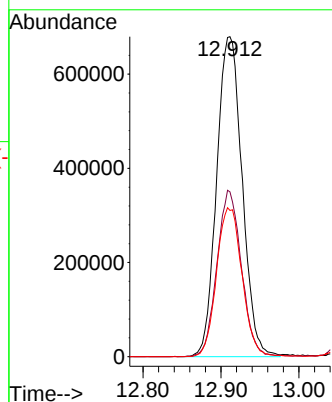
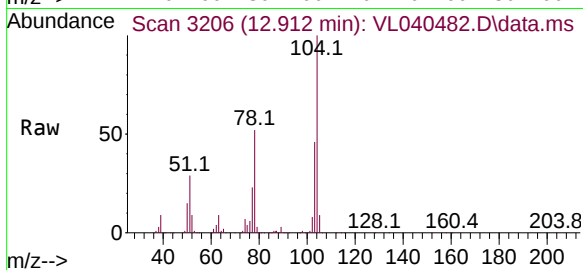
103 46.8 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#62

Isopropylbenzene

Concen: 9.588 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. -0.000 min

Lab File: VL040482.D

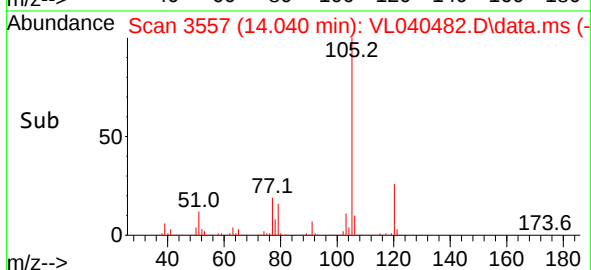
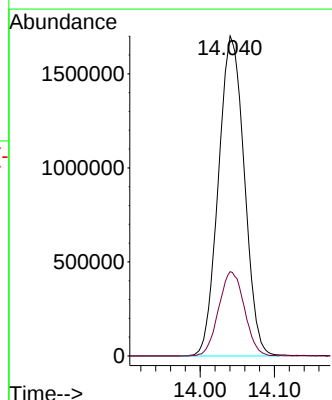
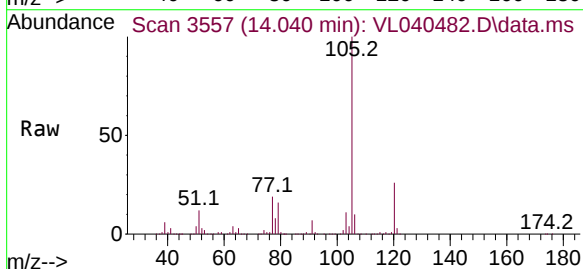
Acq: 16 Jun 2023 8:32

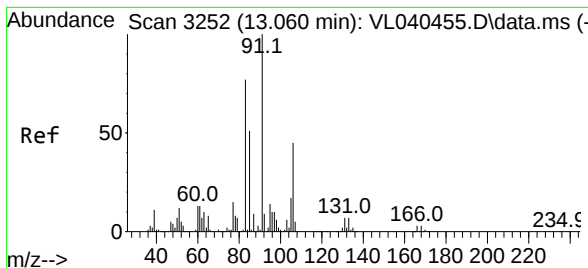
Tgt Ion:105 Resp: 4118988

Ion Ratio Lower Upper

105 100

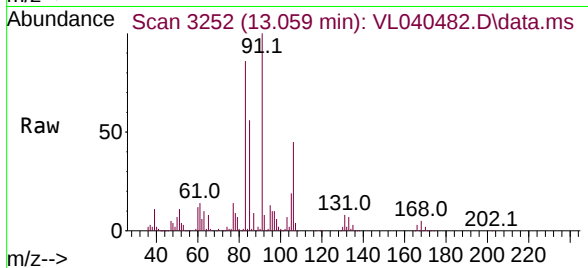
120 26.3 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.760 ppbv
RT: 13.059 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

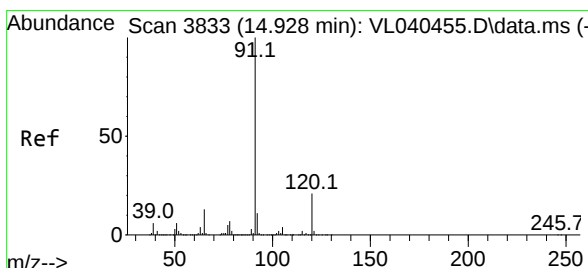
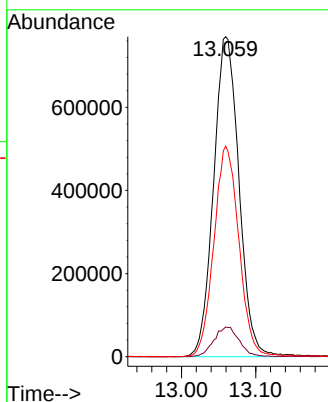
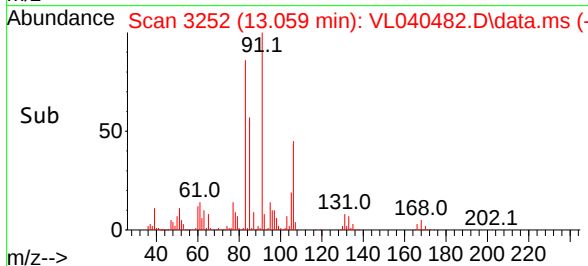
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1826478
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 65.3 33.0 99.0

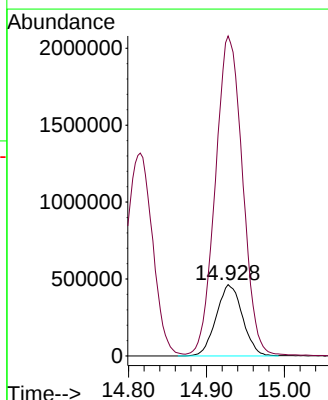
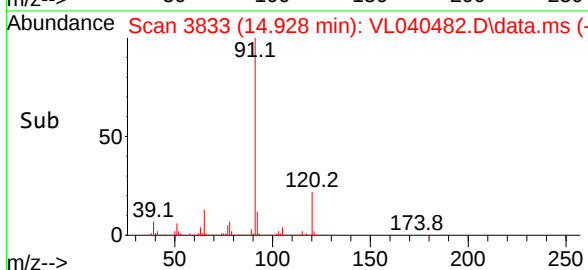
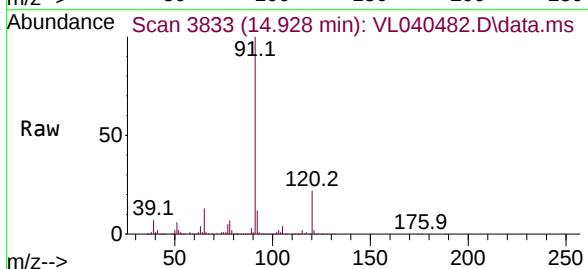
Manual Integrations
APPROVED

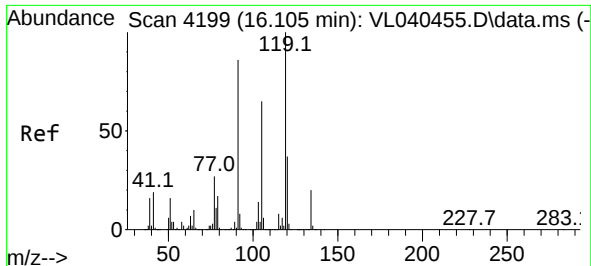
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#64
n-propylbenzene
Concen: 9.972 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

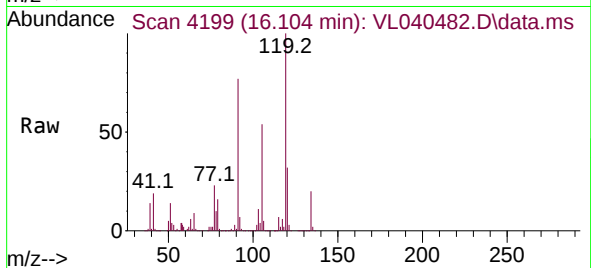
Tgt Ion:120 Resp: 1087686
Ion Ratio Lower Upper
120 100
91 466.5 388.5 582.7





#65
tert-Butylbenzene
Concen: 9.589 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

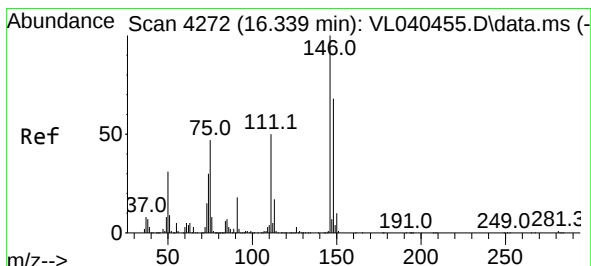
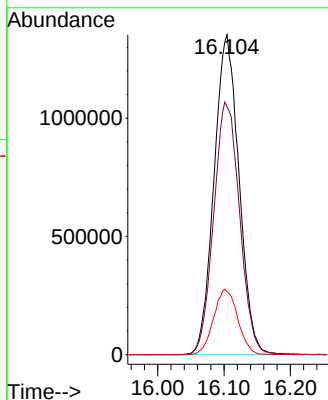
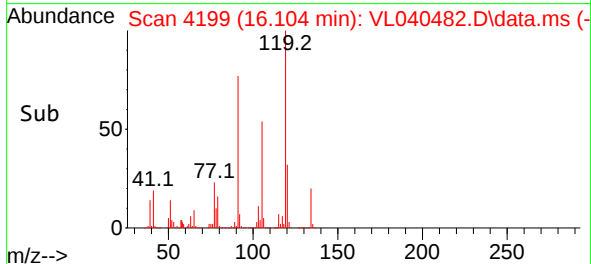
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



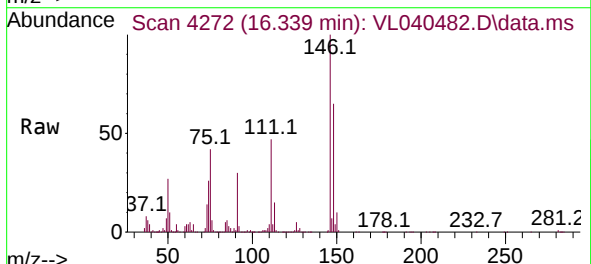
Tgt Ion: 119 Resp: 353415
Ion Ratio Lower Upper
119 100
91 82.1 70.5 105.7
134 19.9 15.6 23.4

Manual Integrations
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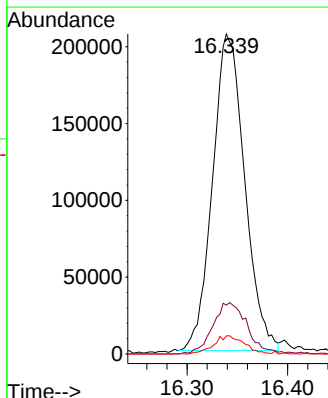
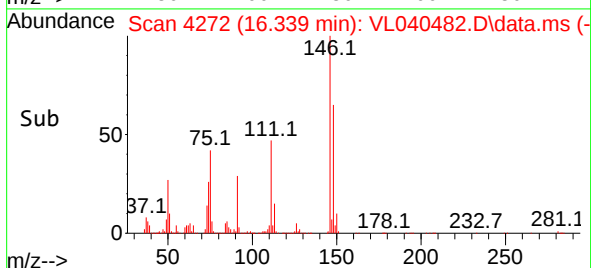
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

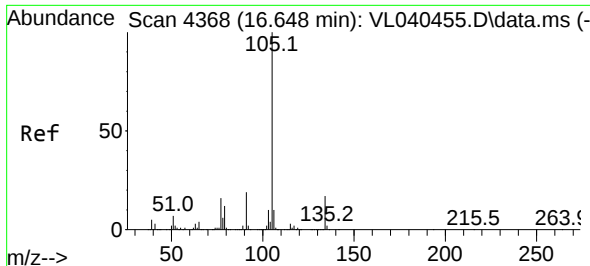


#66
Benzyl Chloride
Concen: 16.129 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



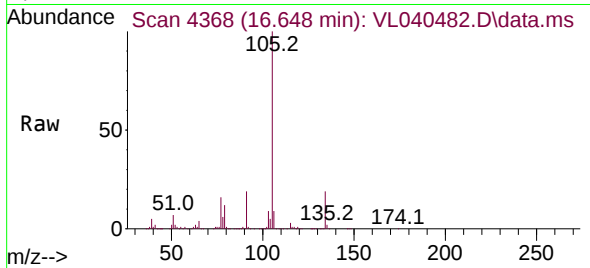
Tgt Ion: 91 Resp: 458124
Ion Ratio Lower Upper
91 100
126 17.6 13.2 19.8
128 5.6 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 9.254 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040482.D
 Acq: 16 Jun 2023 8:32

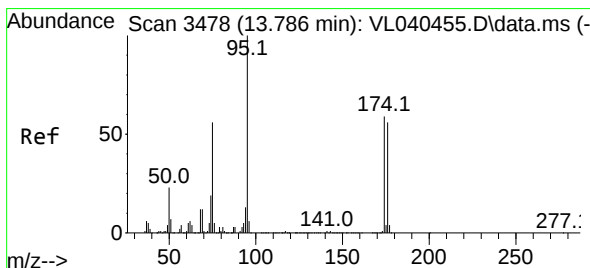
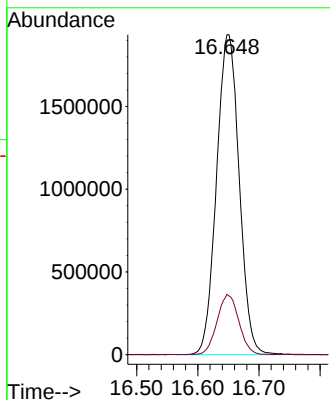
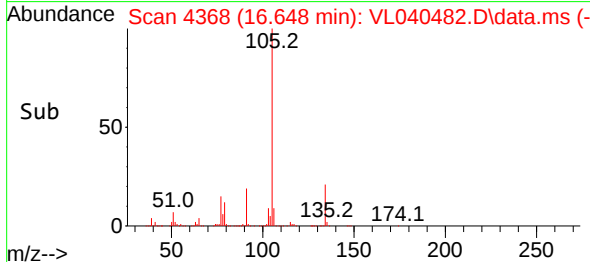
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



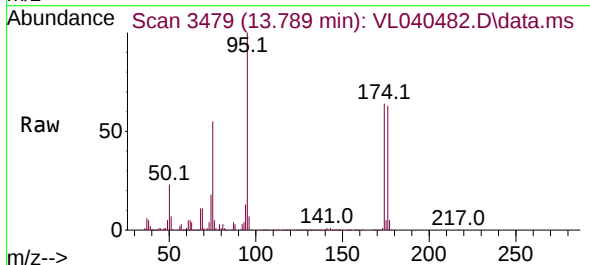
Tgt Ion:105 Resp: 497349
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.0 21.0

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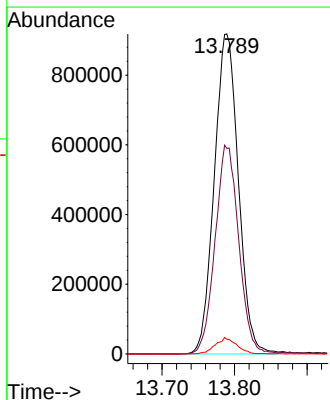
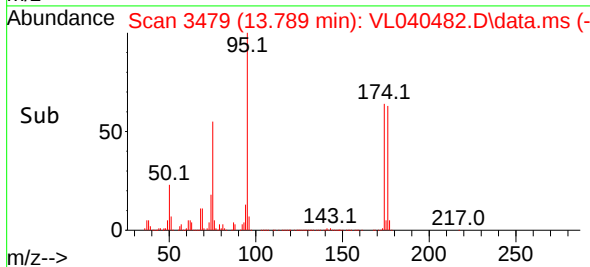
Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

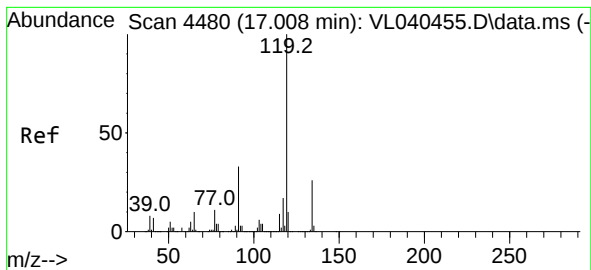


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.394 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.003 min
 Lab File: VL040482.D
 Acq: 16 Jun 2023 8:32



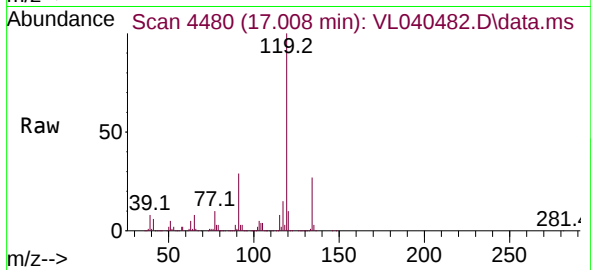
Tgt Ion: 95 Resp: 2121654
 Ion Ratio Lower Upper
 95 100
 174 64.4 47.7 71.5
 175 4.6 3.5 5.3





#69
p-Isopropyltoluene
Concen: 9.730 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

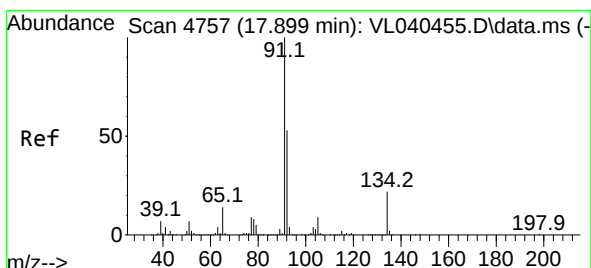
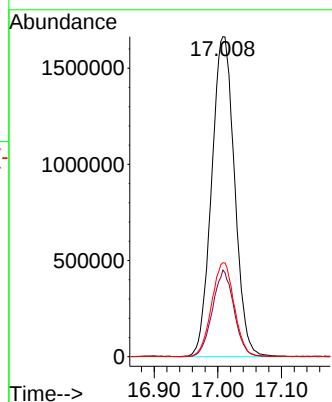
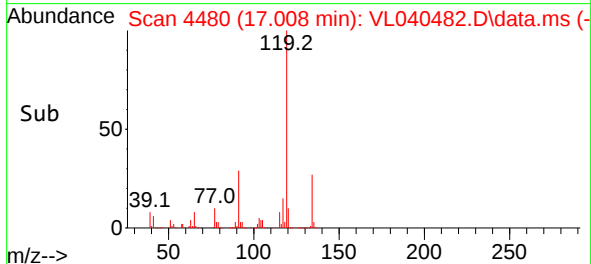
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



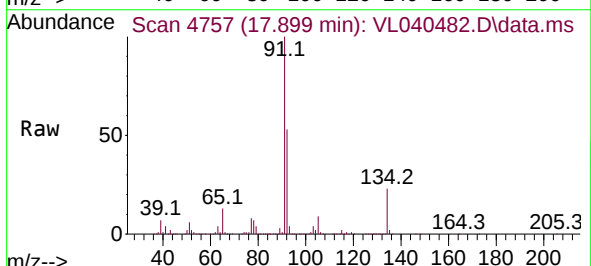
Tgt Ion:119 Resp: 415588
Ion Ratio Lower Upper
119 100
134 25.5 20.3 30.5
91 29.1 25.5 38.3

Manual Integrations
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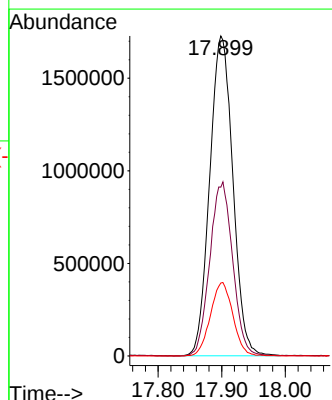
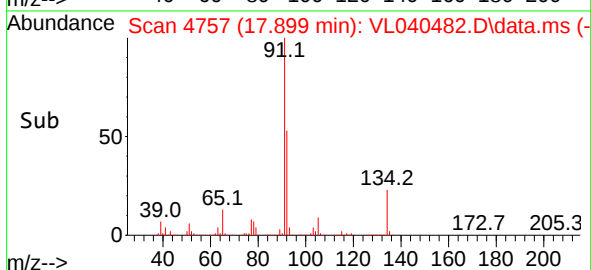
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

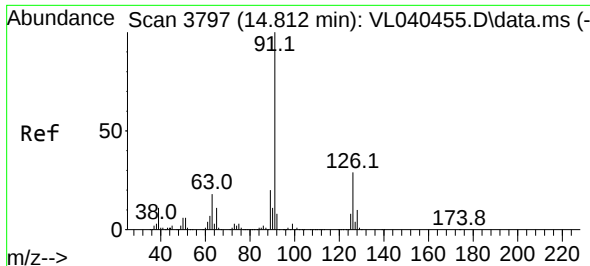


#70
n-Butylbenzene
Concen: 9.174 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



Tgt Ion: 91 Resp: 4373605
Ion Ratio Lower Upper
91 100
92 53.9 42.7 64.1
134 22.4 16.9 25.3





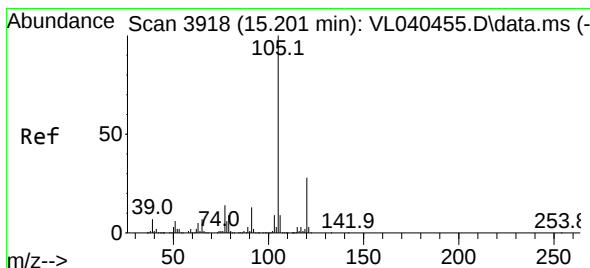
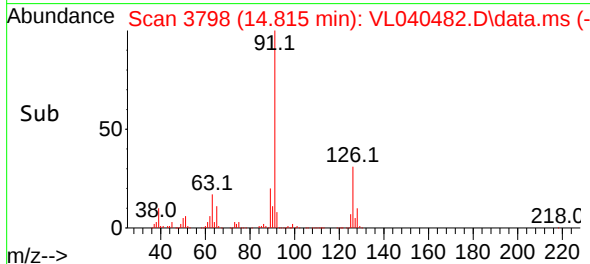
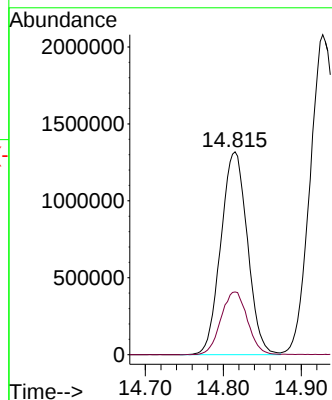
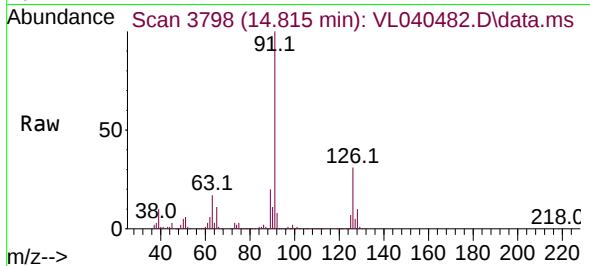
#71
2-Chlorotoluene
Concen: 9.801 ppbv
RT: 14.815 min Scan# 312660
Delta R.T. 0.003 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 312660
Ion Ratio Lower Upper
91 100
126 31.0 12.0 48.2

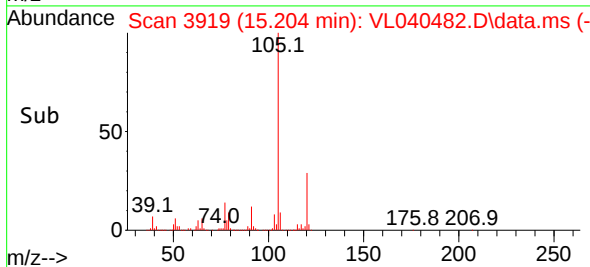
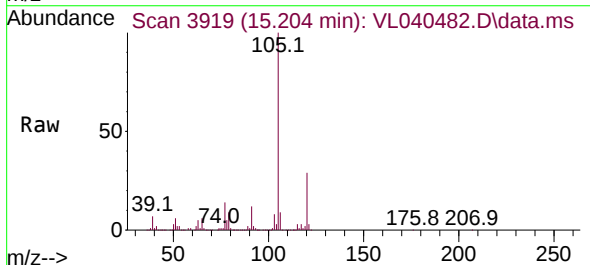
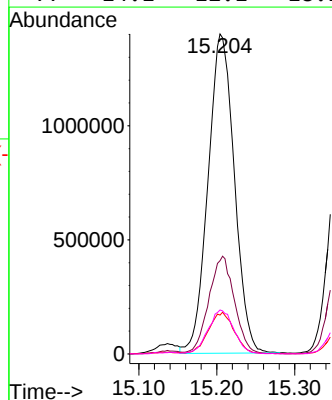
Manual Integrations
APPROVED

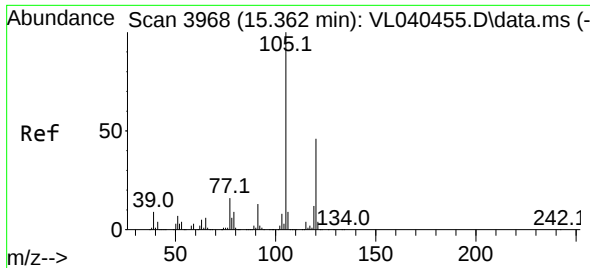
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#72
4-Ethyltoluene
Concen: 10.085 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.003 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

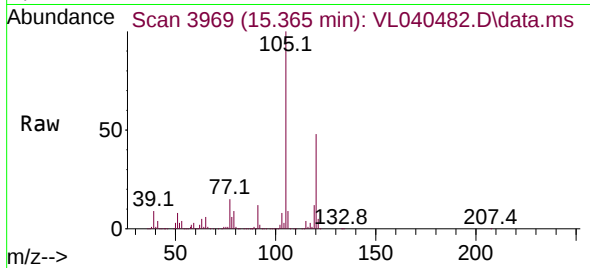
Tgt Ion:105 Resp: 3282908
Ion Ratio Lower Upper
105 100
120 30.8 23.4 35.0
91 13.2 11.1 16.7
77 14.1 12.1 18.1





#73
1,3,5-Trimethylbenzene
Concen: 9.810 ppbv
RT: 15.365 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

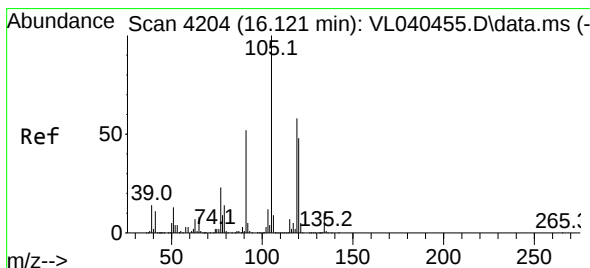
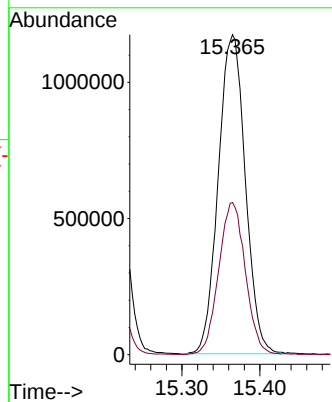
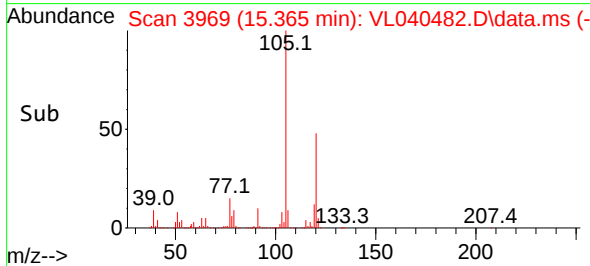
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



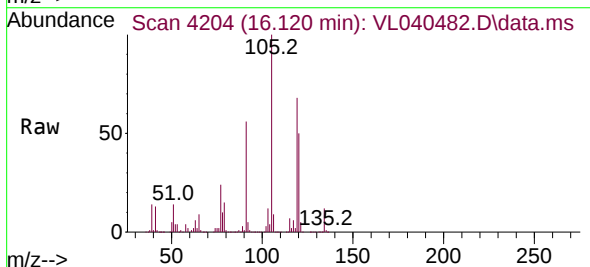
Tgt Ion:105 Resp: 2822420
Ion Ratio Lower Upper
105 100
120 47.6 36.4 54.6

Manual Integrations
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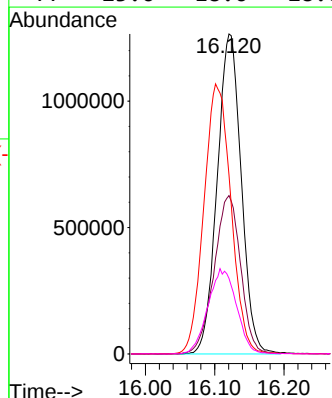
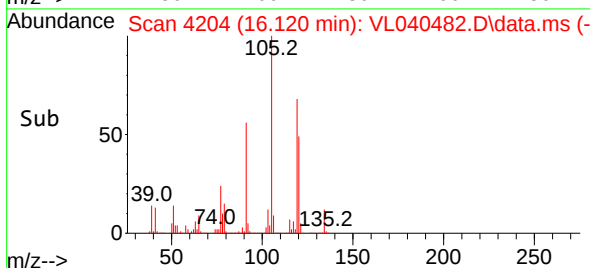
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

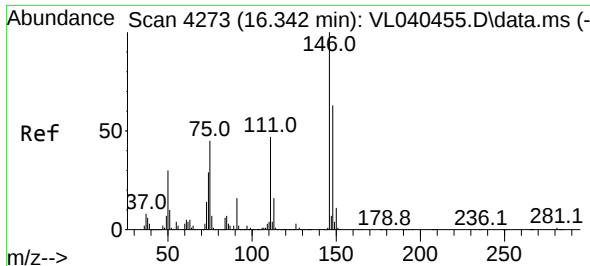


#74
1,2,4-Trimethylbenzene
Concen: 9.014 ppbv
RT: 16.120 min Scan# 4204
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



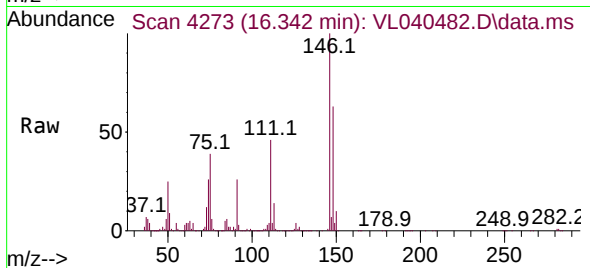
Tgt Ion:105 Resp: 3050860
Ion Ratio Lower Upper
105 100
120 49.4 38.4 57.6
91 55.7 41.3 61.9
77 23.6 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 9.448 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

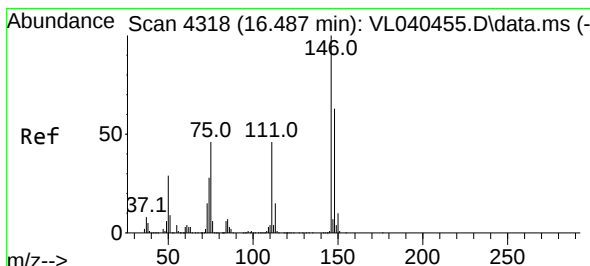
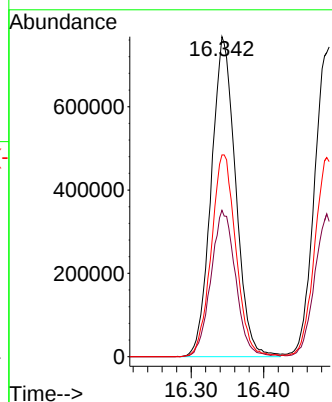
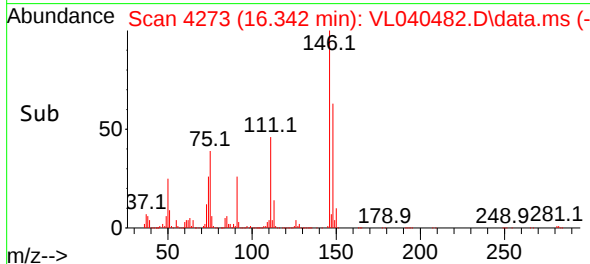
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



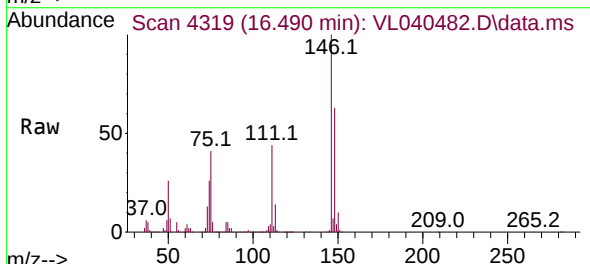
Tgt Ion:146 Resp: 1793811
Ion Ratio Lower Upper
146 100
111 46.4 24.6 73.8
148 64.0 32.4 97.2

Manual Integrations
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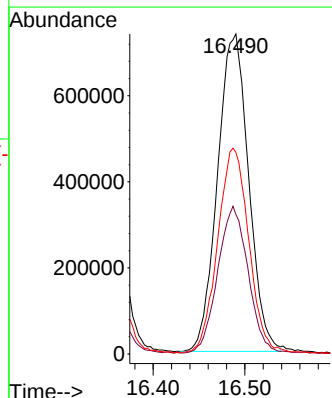
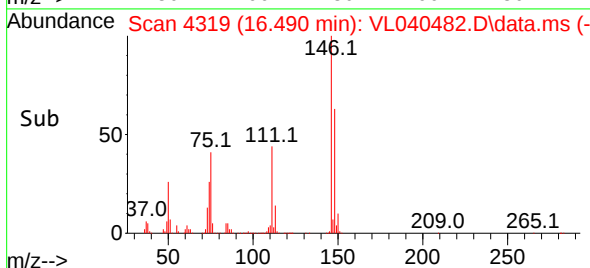
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

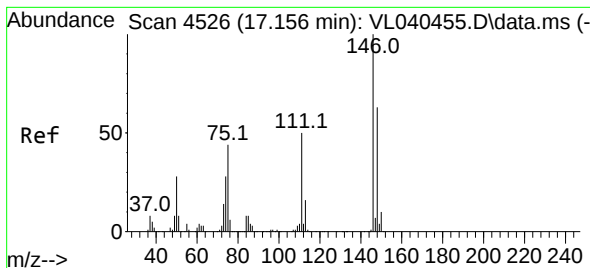


#76
1,4-Dichlorobenzene
Concen: 9.409 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.003 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



Tgt Ion:146 Resp: 1737112
Ion Ratio Lower Upper
146 100
111 45.9 23.8 71.5
148 65.8 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.563 ppbv

RT: 17.156 min Scan# 4526

Delta R.T. -0.000 min

Lab File: VL040482.D

Acq: 16 Jun 2023 8:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1715239

Ion Ratio Lower Upper

146 100

111 47.7 25.1 75.3

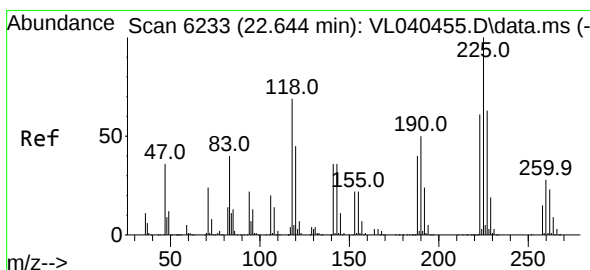
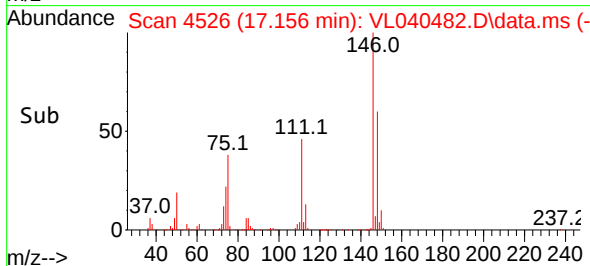
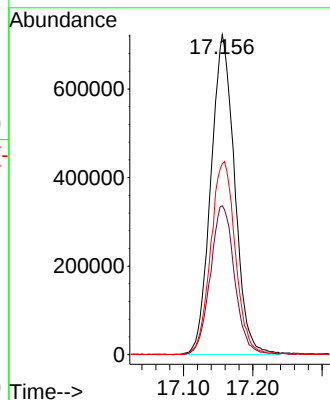
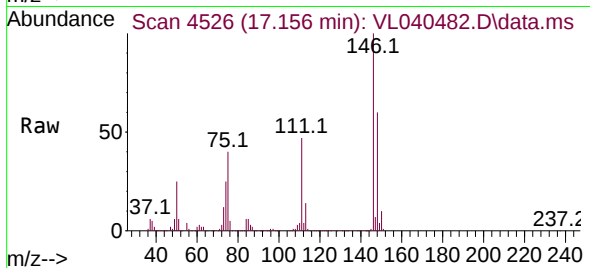
148 63.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#78

Hexachloro-1,3-Butadiene

Concen: 10.928 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. 0.003 min

Lab File: VL040482.D

Acq: 16 Jun 2023 8:32

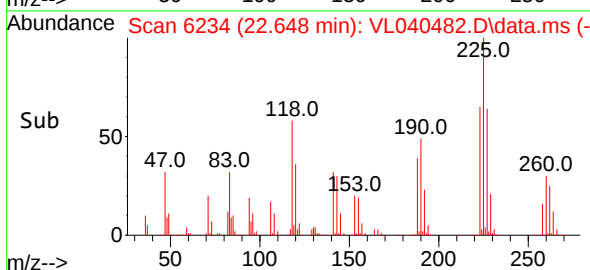
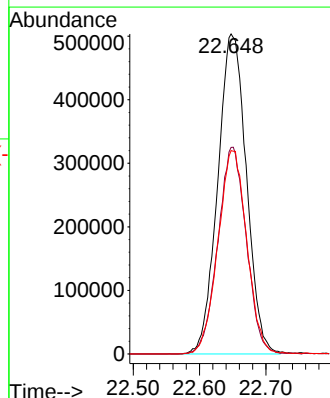
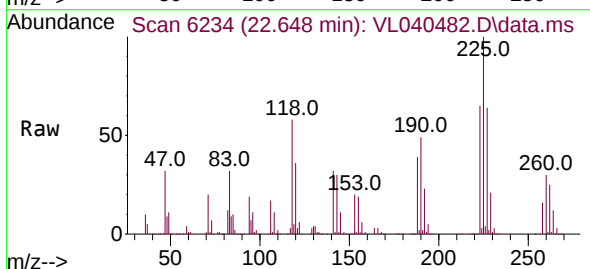
Tgt Ion:225 Resp: 1511599

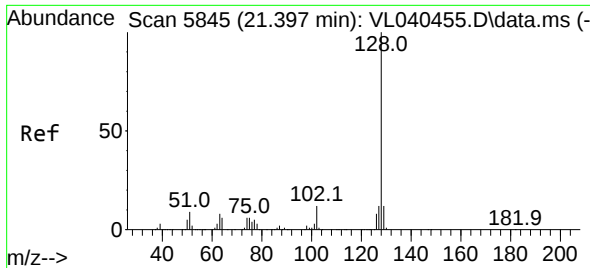
Ion Ratio Lower Upper

225 100

223 64.0 50.0 75.0

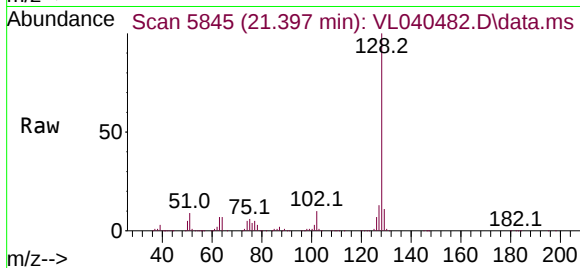
227 63.9 50.9 76.3





#79
Naphthalene
Concen: 16.239 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. -0.000 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

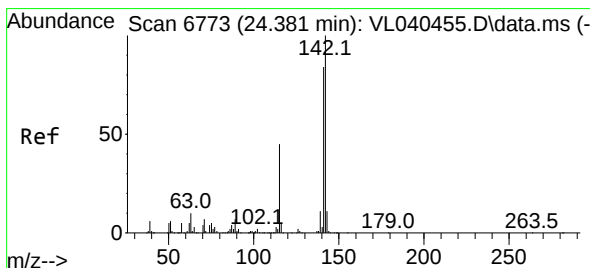
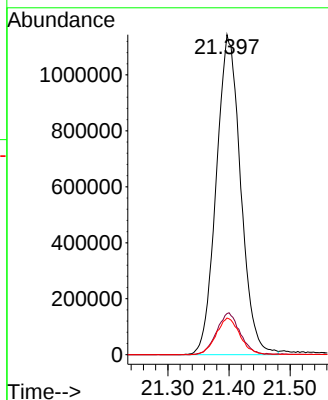
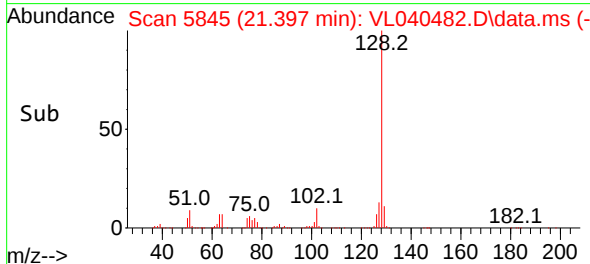
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



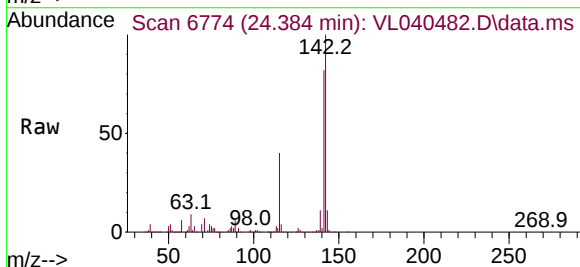
Tgt Ion:128 Resp: 3165725
Ion Ratio Lower Upper
128 100
127 12.8 9.9 14.9
129 11.4 9.2 13.8

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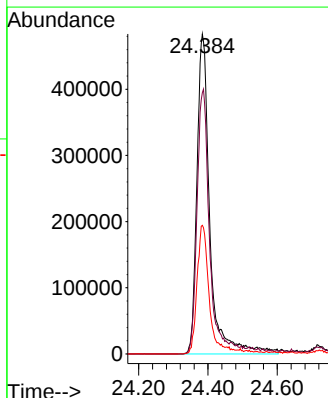
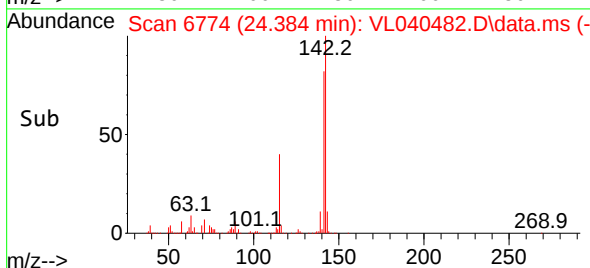
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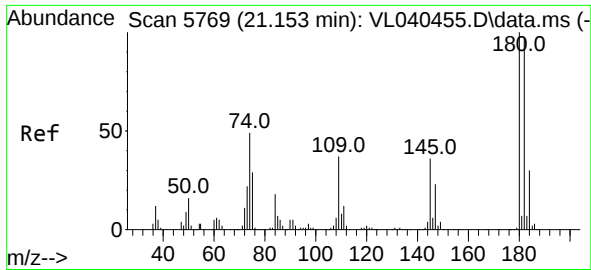


#80
Naphthalene,2-methyl-
Concen: 21.605 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.003 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32



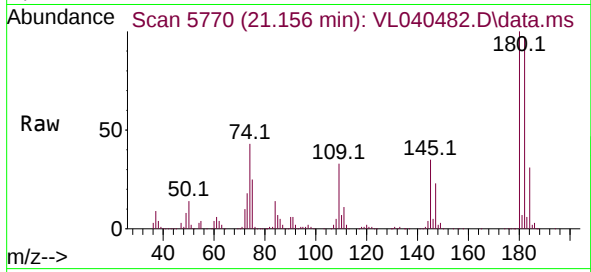
Tgt Ion:142 Resp: 1263815
Ion Ratio Lower Upper
142 100
141 82.5 65.4 98.0
115 39.2 36.6 55.0





#81
1,2,4-Trichlorobenzene
Concen: 14.063 ppbv
RT: 21.156 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL040482.D
Acq: 16 Jun 2023 8:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 169825
Ion Ratio Lower Upper
180 100
182 97.0 77.2 115.8
184 30.9 24.4 36.6

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