

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041636.D
 Acq On : 10 Oct 2024 10:38
 Operator : SY/MD
 Sample : VL1010ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 05:37:20 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1139395	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3120825	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3104178m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 2267106 9.921 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.706	85	1283214	7.799	ppbv	100
3) Chlorodifluoromethane	2.649	51	1271421	9.200	ppbv	100
4) Chloromethane	2.790	50	701590	9.230	ppbv	100
5) Vinyl Chloride	2.896	62	679675	10.327	ppbv	98
6) Bromomethane	3.095	94	259404	7.922	ppbv	99
7) Chloroethane	3.176	64	244432	9.549	ppbv	99
8) Dichlorotetrafluoroethane	2.835	85	1657160	9.601	ppbv	99
9) Propene	2.671	41	596368	10.230	ppbv	100
10) Heptane	7.565	43	1462473	10.715	ppbv	100
11) Trichlorofluoromethane	3.542	101	1648500	9.415	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	1211204	9.551	ppbv	100
13) Ethanol	3.224	45	24686m	5.633	ppbv	
14) Bromoethene	3.343	108	487834	10.145	ppbv	99
15) Acetone	3.446	43	1212615	8.477	ppbv	100
16) 1,3-Butadiene	2.960	39	684097	9.832	ppbv	98
17) tert-Butyl alcohol	3.857	59	1177694	9.362	ppbv	100
18) 1,1-Dichloroethene	3.861	96	541040	10.078	ppbv	96
19) Isopropyl Alcohol	3.555	45	619938	8.466	ppbv #	98
20) Methylene Chloride	3.912	84	438409	8.158	ppbv	93
21) Allyl Chloride	3.976	41	836957	10.095	ppbv	99
22) trans-1,2-Dichloroethene	4.427	96	522871	9.763	ppbv	97
23) Vinyl Acetate	4.610	43	898310	11.417	ppbv	98
24) 1,1-Dichloroethane	4.546	63	1175405	9.953	ppbv	99
25) Ethyl Acetate	5.189	43	2601142	10.129	ppbv	99
26) Hexane	5.195	57	1079483	10.080	ppbv	98
27) Carbon Disulfide	4.105	76	1326465	11.652	ppbv	98
28) Methyl tert-Butyl Ether	4.568	73	671301	10.167	ppbv	100
29) Chloroform	5.259	83	1685416	9.617	ppbv	99
30) Cyclohexane	6.587	84	903279	10.942	ppbv	99
31) cis-1,2-Dichloroethene	5.060	61	1016937	10.002	ppbv	97
32) 1,1,1-Trichloroethane	5.989	97	1657192	10.617	ppbv	98
34) 2-Butanone	4.767	43	1339030	8.998	ppbv	100
35) Carbon Tetrachloride	6.478	117	1724125	11.260	ppbv	99
36) Benzene	6.356	78	2294349	10.586	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1255342	9.983	ppbv	99
38) Trichloroethene	7.279	130	1155435	10.352	ppbv	95
39) 1,2-Dichloropropane	7.063	63	884473	10.031	ppbv	99
40) 1,4-Dioxane	7.272	88	352255	10.598	ppbv #	100
41) Tetrahydrofuran	5.542	42	921578	11.253	ppbv	99
42) Bromodichloromethane	7.237	83	1834395	10.485	ppbv	97
43) Methyl Methacrylate	7.462	69	881765	11.369	ppbv	100
44) 2,2,4-Trimethylpentane	7.314	57	3899661	10.400	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	689956	11.033	ppbv	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

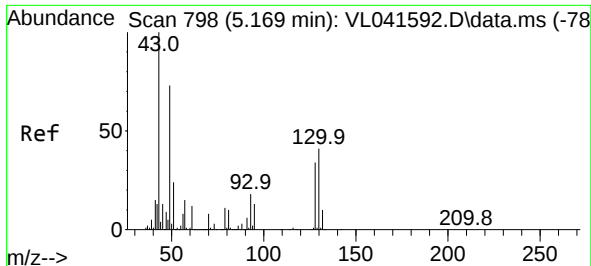
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

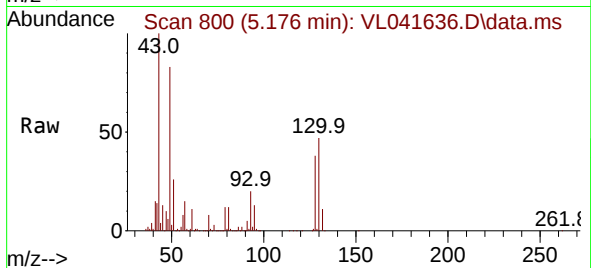
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	989234	10.798	ppbv	98
47) 1,1,2-Trichloroethane	8.886	97	944389	10.088	ppbv	99
48) Dibromochloromethane	9.700	129	1544080	10.886	ppbv	100
49) Bromoform	12.397	173	1324724	10.880	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2552765	11.108	ppbv	100
51) 2-Hexanone	9.539	43	2022369	11.634	ppbv	99
52) Tetrachloroethene	10.606	164	845060	10.768	ppbv	97
53) Toluene	9.211	91	2627949	11.422	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1230231	10.671	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.500	131	1166485	9.625	ppbv	97
57) Chlorobenzene	11.520	112	2044175	9.133	ppbv	99
58) Ethyl Benzene	12.079	91	3540945	10.656	ppbv	99
59) m/p-Xylene	12.362	91	5990335m	20.255	ppbv	
60) o-Xylene	13.050	91	2922422	10.306	ppbv	100
61) Styrene	12.889	104	1385807	11.699	ppbv	100
62) Isopropylbenzene	14.021	105	4217117	9.817	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	1504875	10.380	ppbv	99
64) n-propylbenzene	14.905	120	1130913	10.193	ppbv	99
65) tert-Butylbenzene	16.082	119	3751383	9.527	ppbv	99
66) Benzyl Chloride	16.317	91	202794	9.906	ppbv	96
67) sec-Butylbenzene	16.625	105	5303112	9.707	ppbv	100
69) p-Isopropyltoluene	16.986	119	4381703	9.908	ppbv	99
70) n-Butylbenzene	17.876	91	4507387	9.730	ppbv	100
71) 2-Chlorotoluene	14.790	91	3141676	9.939	ppbv	99
72) 4-Ethyltoluene	15.185	105	3433852	10.360	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2950770	10.082	ppbv	95
74) 1,2,4-Trimethylbenzene	16.101	105	3256921	9.507	ppbv	94
75) 1,3-Dichlorobenzene	16.320	146	1962843	9.142	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1928062	9.372	ppbv	99
77) 1,2-Dichlorobenzene	17.134	146	1920976	9.063	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1343127	7.682	ppbv	99
79) Naphthalene	21.374	128	2535281	10.056	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	876186	4.959	ppbv	99
81) 1,2,4-Trichlorobenzene	21.133	180	1347844	8.409	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

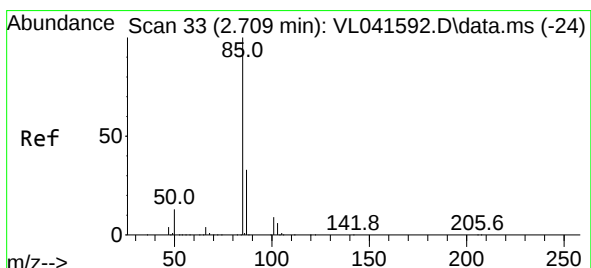
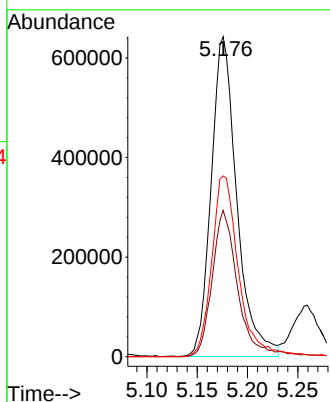
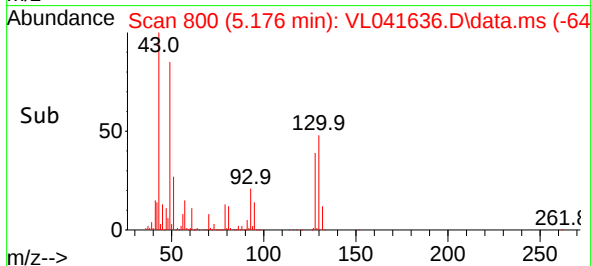
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



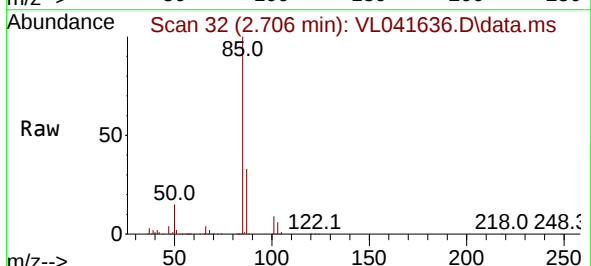
Tgt Ion: 49 Resp: 113939
Ion Ratio Lower Upper
49 100
128 46.1 23.8 71.5
130 60.1 30.4 91.3

Manual Integrations
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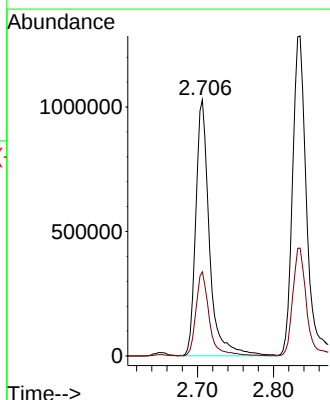
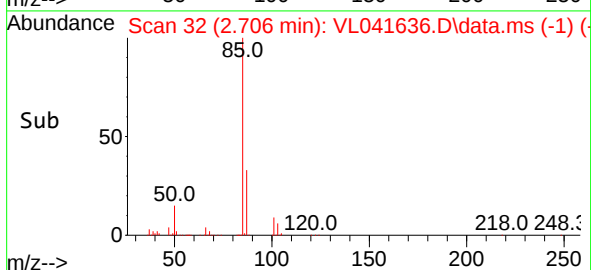
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

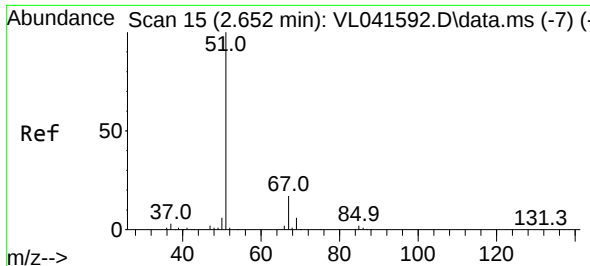


#2
Dichlorodifluoromethane
Concen: 7.799 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38



Tgt Ion: 85 Resp: 1283214
Ion Ratio Lower Upper
85 100
87 32.8 26.3 39.5





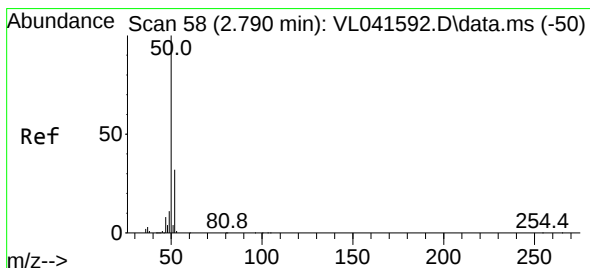
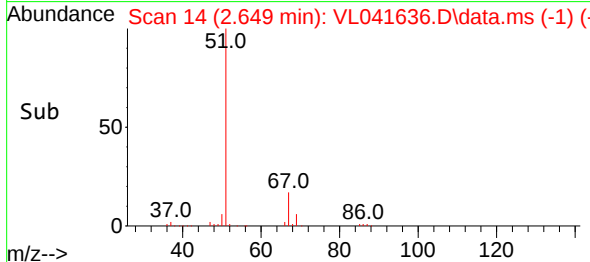
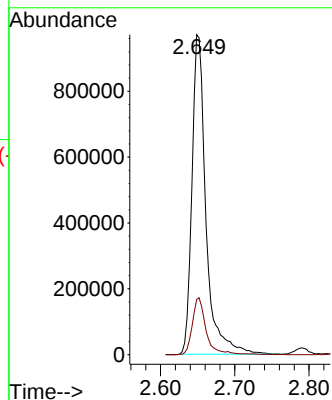
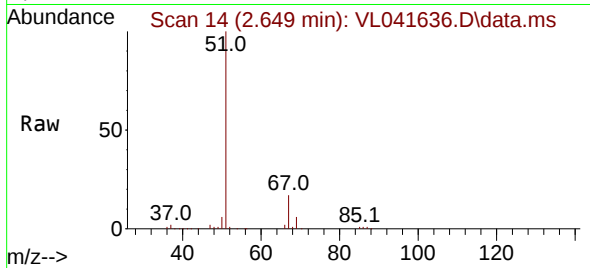
#3
Chlorodifluoromethane
Concen: 9.200 ppbv
RT: 2.649 min Scan# 14
Delta R.T. -0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion: 51 Resp: 127142
Ion Ratio Lower Upper
51 100
67 17.8 14.1 21.1

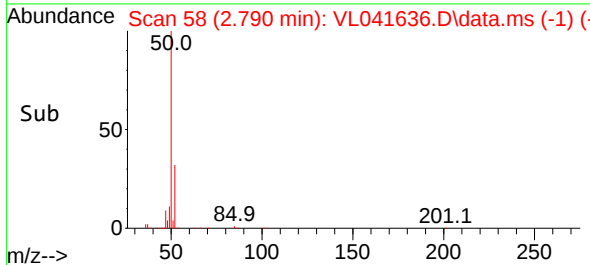
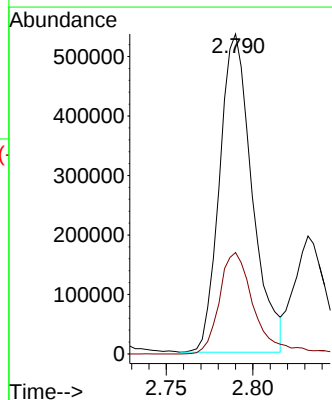
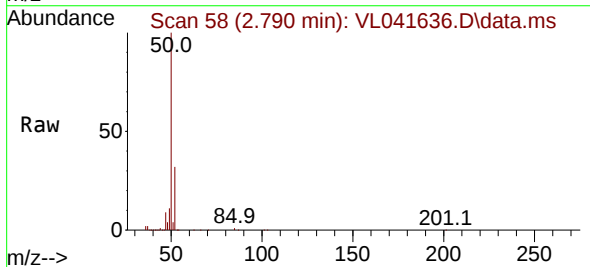
Manual Integrations
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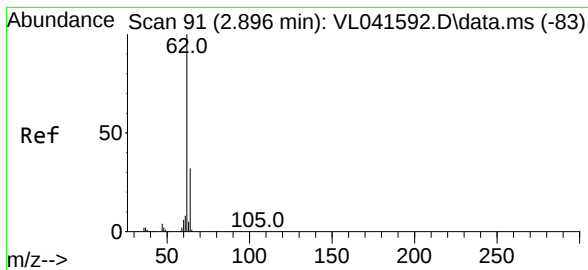
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#4
Chloromethane
Concen: 9.230 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.000 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

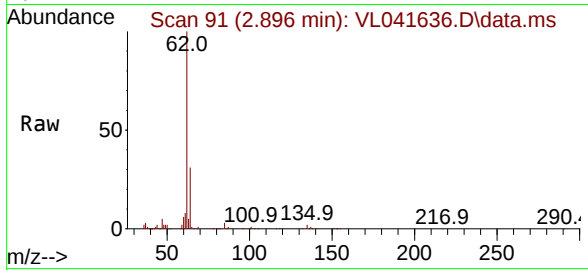
Tgt Ion: 50 Resp: 701590
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2





#5
 Vinyl Chloride
 Concen: 10.327 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

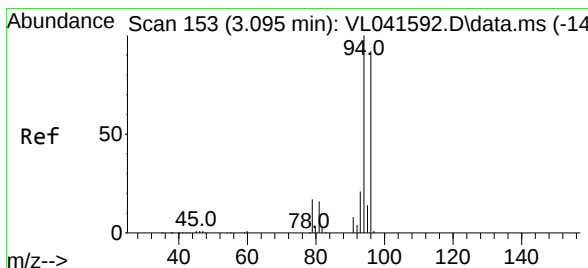
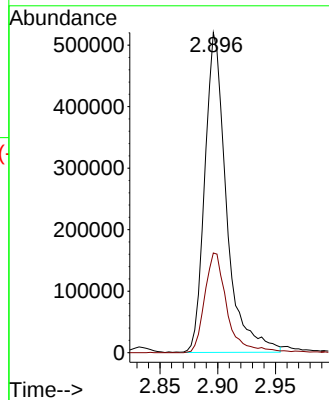
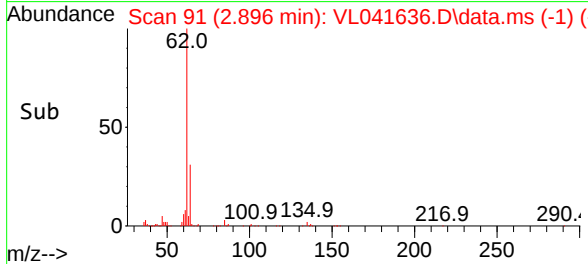
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABS01



Tgt Ion: 62 Resp: 679679
 Ion Ratio Lower Upper
 62 100
 64 31.2 26.0 39.0

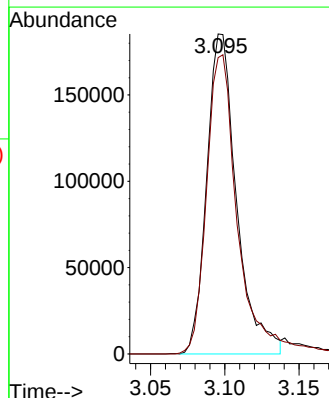
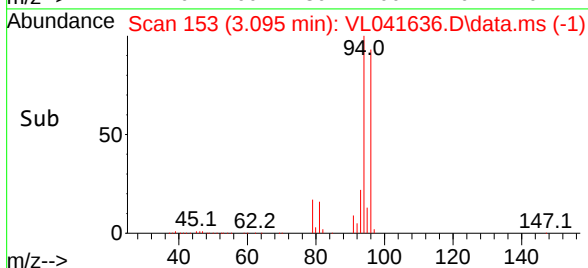
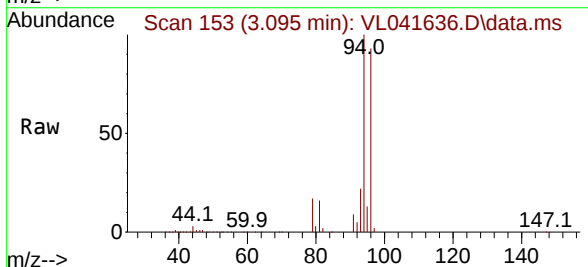
Manual Integrations
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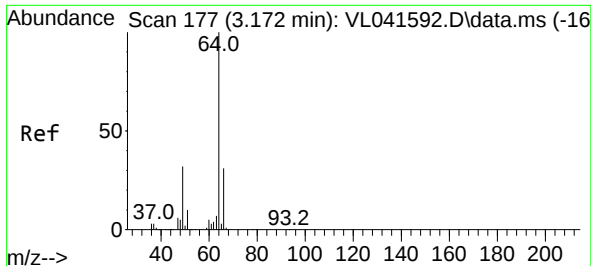
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#6
 Bromomethane
 Concen: 7.922 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. 0.000 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

Tgt Ion: 94 Resp: 259404
 Ion Ratio Lower Upper
 94 100
 96 92.3 73.4 110.2





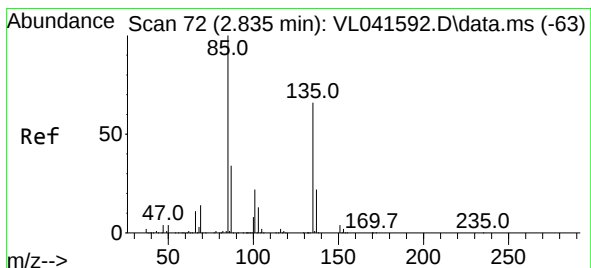
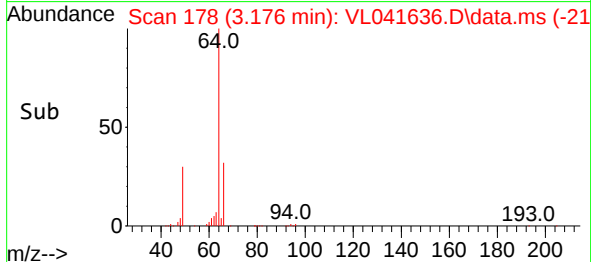
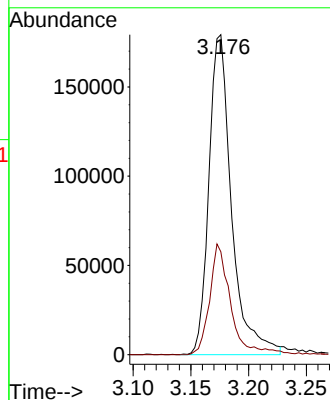
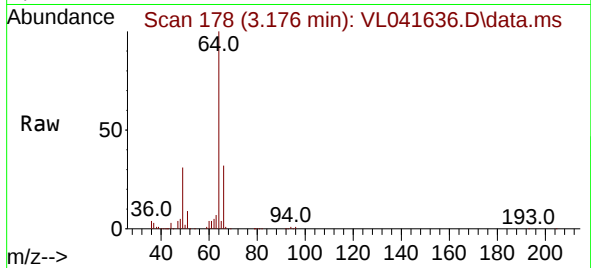
#7
Chloroethane
Concen: 9.549 ppbv
RT: 3.176 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion: 64 Resp: 24443
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7

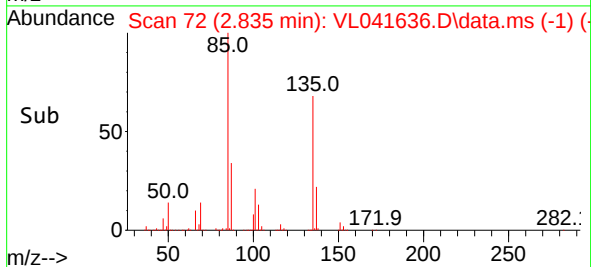
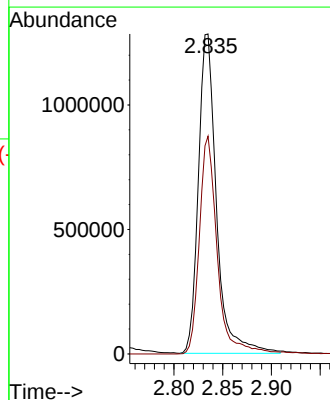
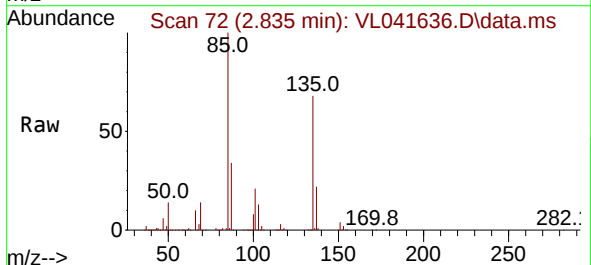
Manual Integrations
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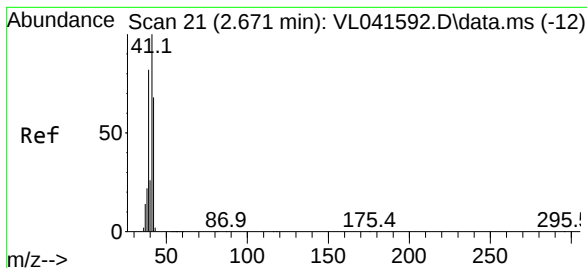
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#8
Dichlorotetrafluoroethane
Concen: 9.601 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

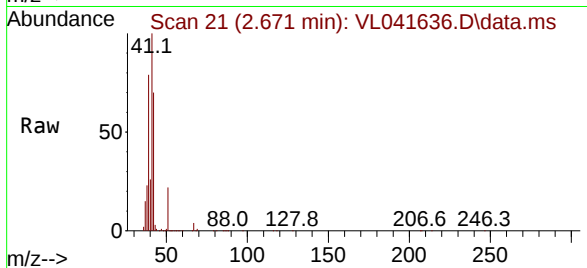
Tgt Ion: 85 Resp: 1657160
Ion Ratio Lower Upper
85 100
135 68.0 53.9 80.9





#9
Propene
Concen: 10.230 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

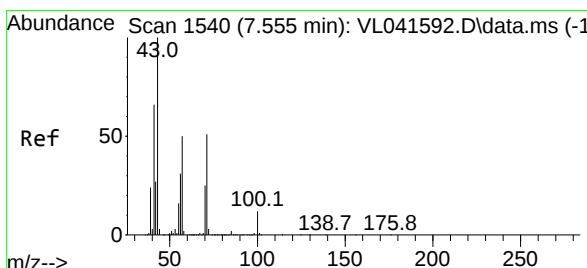
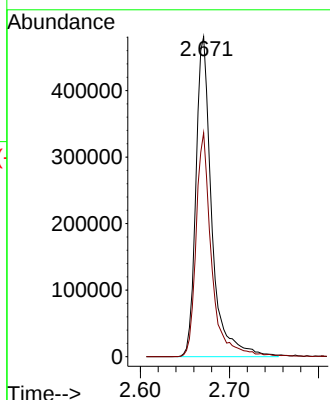
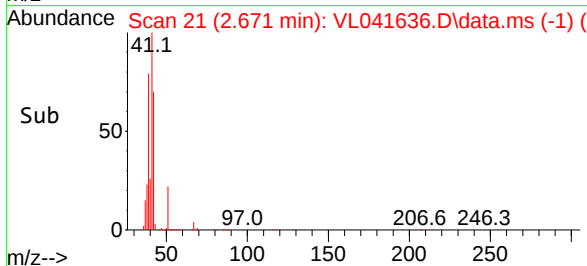
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



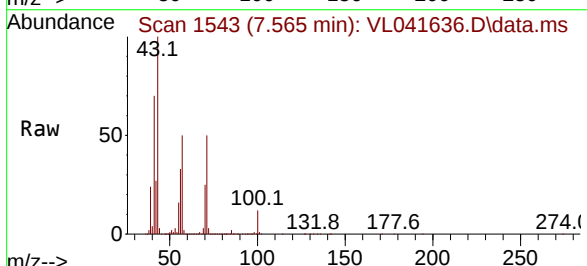
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Ion Ratio Lower Upper
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42 68.8 55.2 82.8

Manual Integrations
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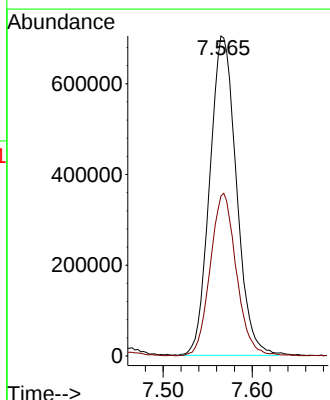
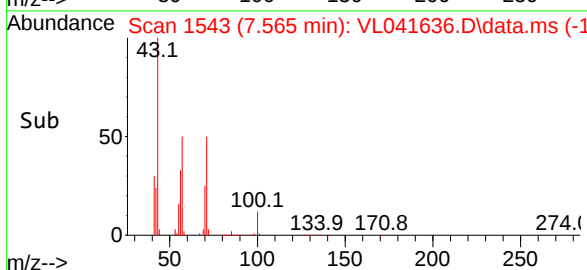
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

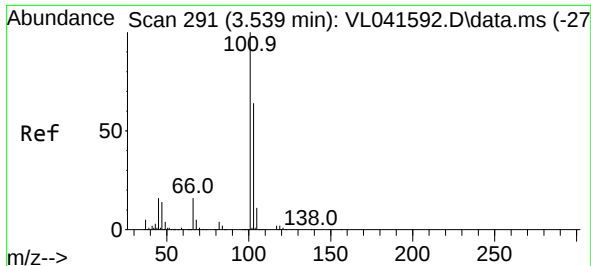


#10
Heptane
Concen: 10.715 ppbv
RT: 7.565 min Scan# 1543
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38



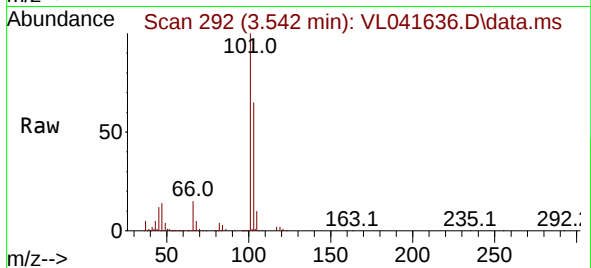
Tgt Ion: 43 Resp: 1462473
Ion Ratio Lower Upper
43 100
57 49.7 39.8 59.8





#11
Trichlorofluoromethane
Concen: 9.415 ppbv
RT: 3.542 min Scan# 291
Delta R.T. 0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

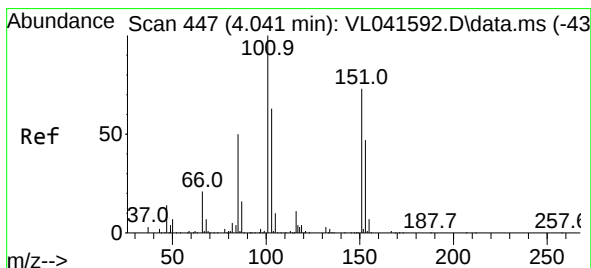
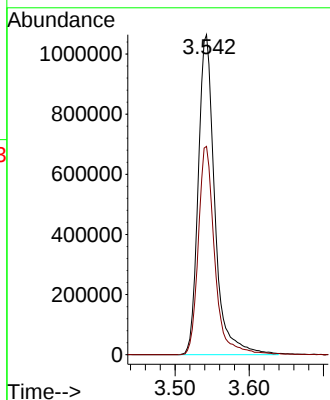
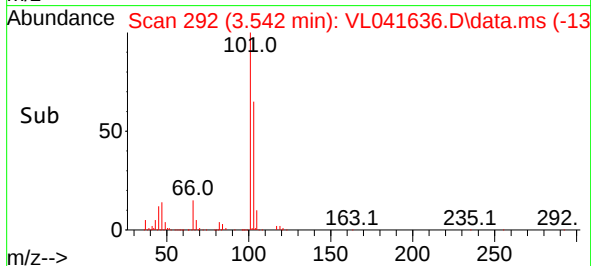
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



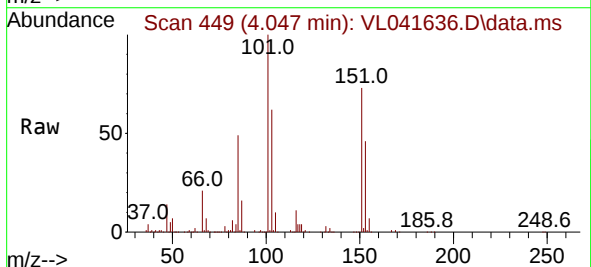
Tgt Ion:101 Resp: 1648500
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

Manual Integrations
APPROVED

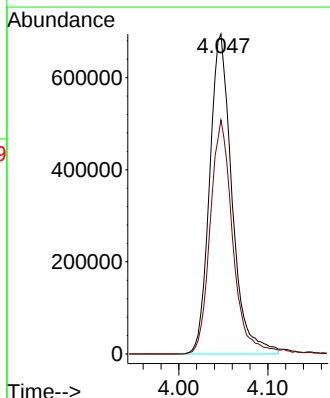
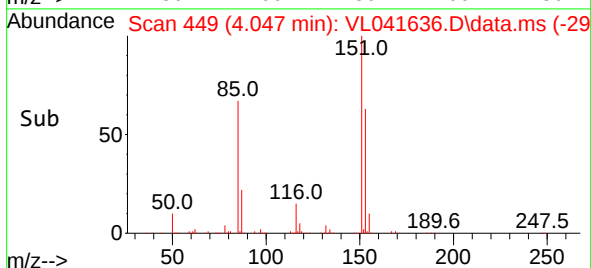
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

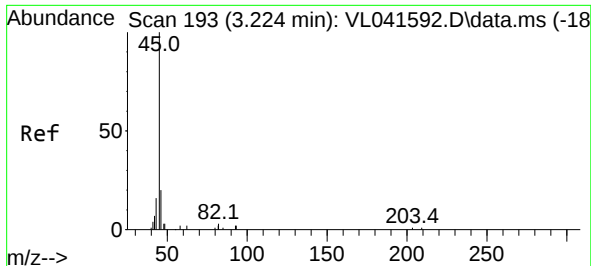


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.551 ppbv
RT: 4.047 min Scan# 449
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38



Tgt Ion:101 Resp: 1211204
Ion Ratio Lower Upper
101 100
151 74.5 59.4 89.2





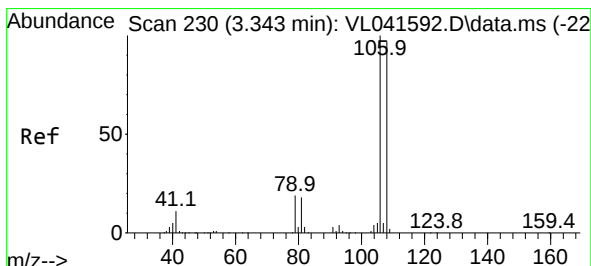
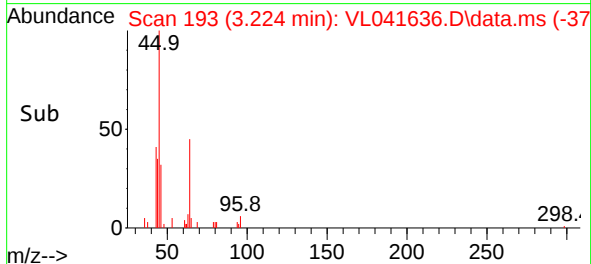
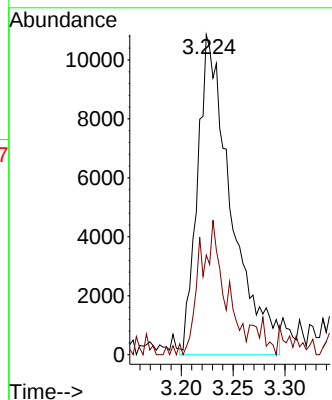
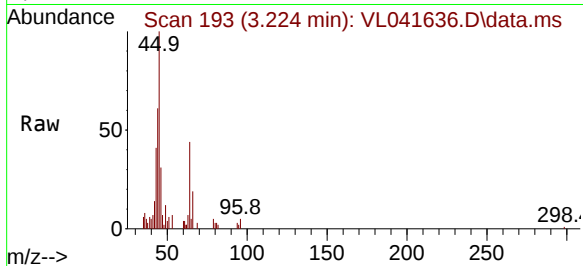
#13
Ethanol
Concen: 5.633 ppbv
RT: 3.224 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion: 45 Resp: 24680
Ion Ratio Lower Upper
45 100
46 38.4 15.2 60.8

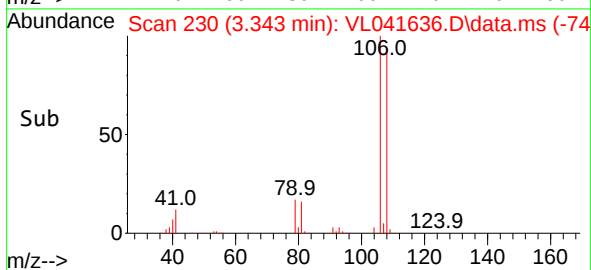
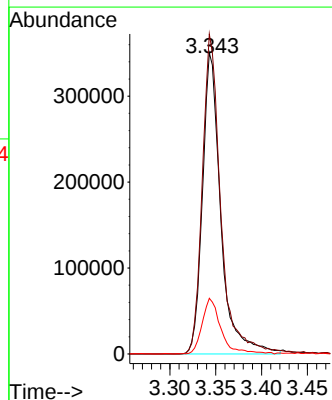
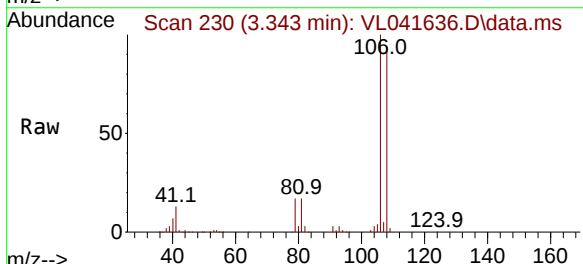
Manual Integrations
APPROVED

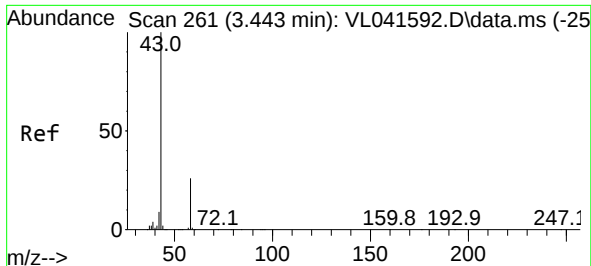
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#14
Bromoethene
Concen: 10.145 ppbv
RT: 3.343 min Scan# 230
Delta R.T. 0.000 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

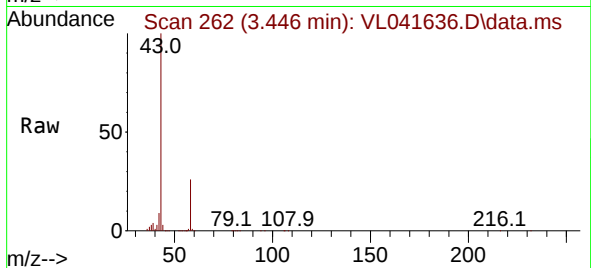
Tgt Ion:108 Resp: 487834
Ion Ratio Lower Upper
108 100
106 107.7 86.5 129.7
79 19.4 16.2 24.4





#15
Acetone
Concen: 8.477 ppbv
RT: 3.446 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

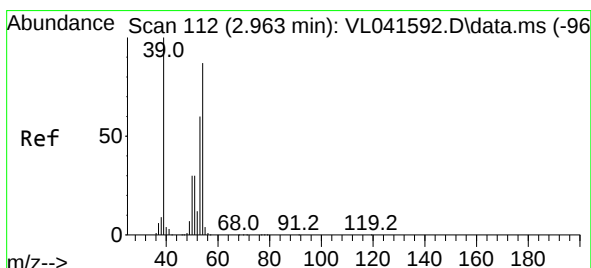
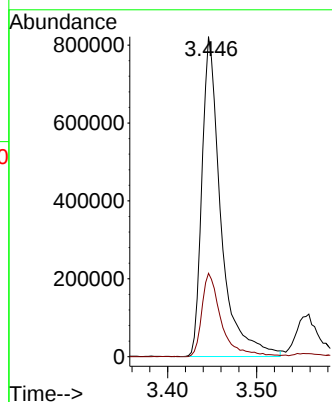
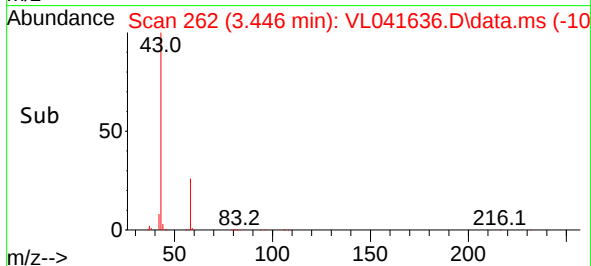
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



Tgt Ion: 43 Resp: 121261
Ion Ratio Lower Upper
43 100
58 26.9 21.5 32.3

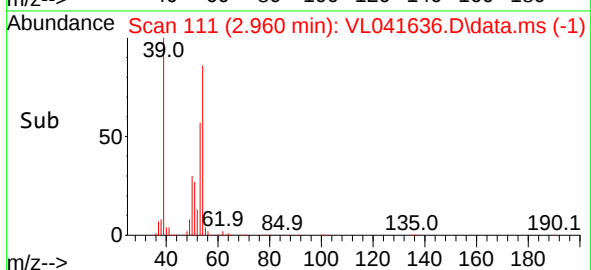
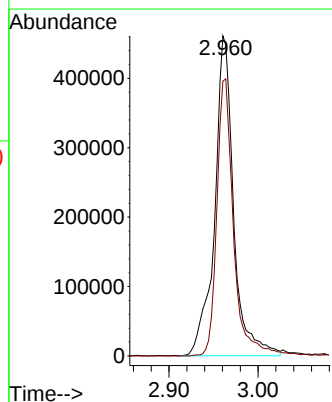
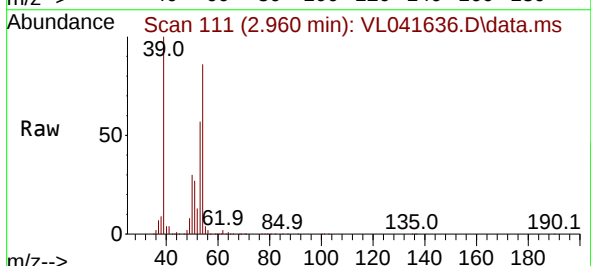
Manual Integrations
APPROVED

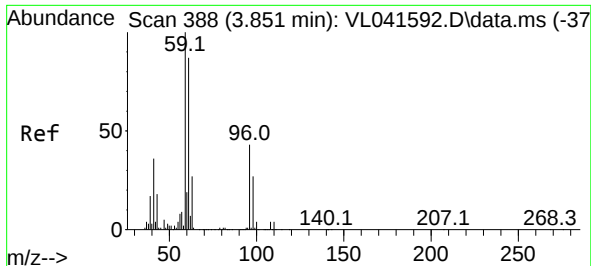
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
1,3-Butadiene
Concen: 9.832 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 39 Resp: 684097
Ion Ratio Lower Upper
39 100
54 76.9 62.9 94.3





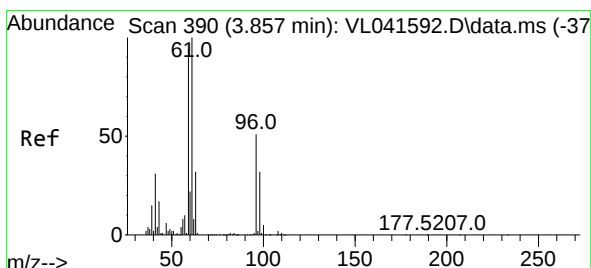
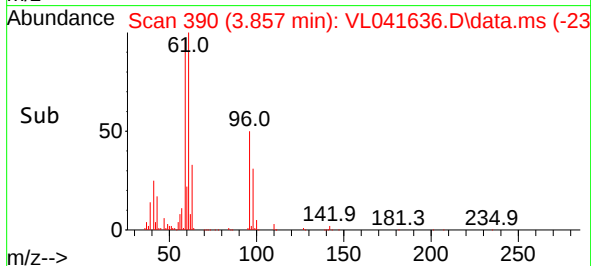
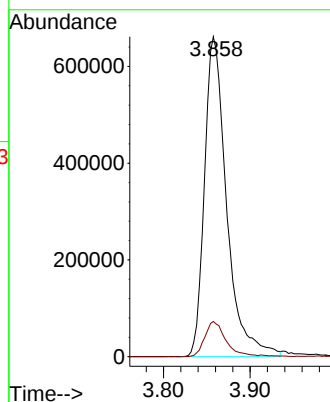
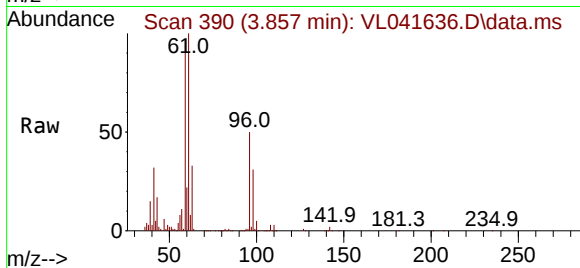
#17
tert-Butyl alcohol
Concen: 9.362 ppbv
RT: 3.857 min Scan# 390
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion: 59 Resp: 1177694
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1

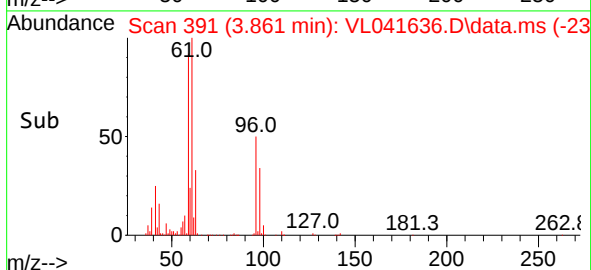
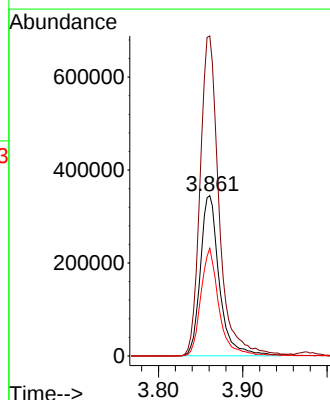
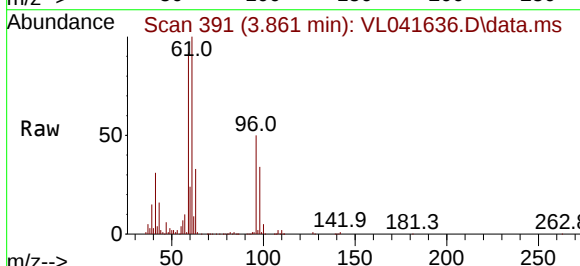
Manual Integrations
APPROVED

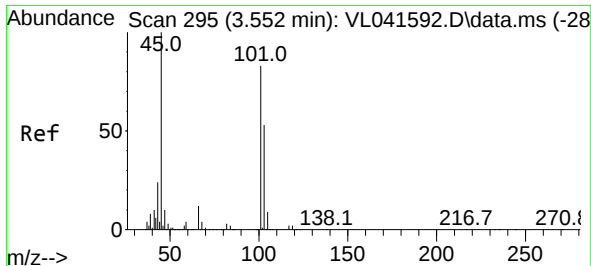
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
1,1-Dichloroethene
Concen: 10.078 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

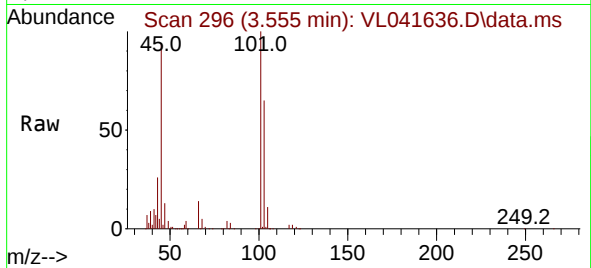
Tgt Ion: 96 Resp: 541040
Ion Ratio Lower Upper
96 100
61 199.8 155.6 233.4
98 67.2 50.6 75.8





#19
Isopropyl Alcohol
Concen: 8.466 ppbv
RT: 3.555 min Scan# 295
Delta R.T. 0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

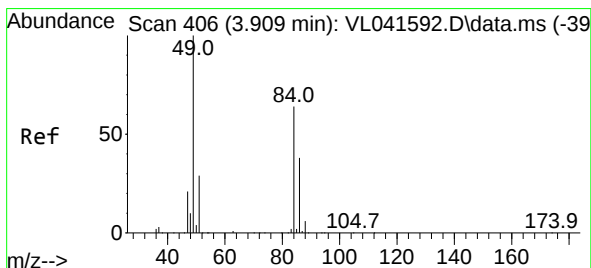
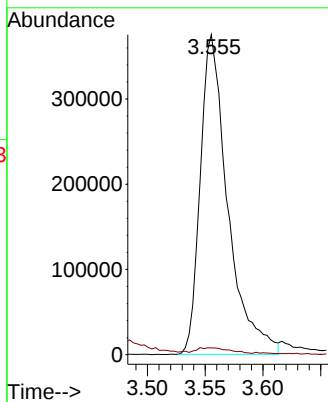
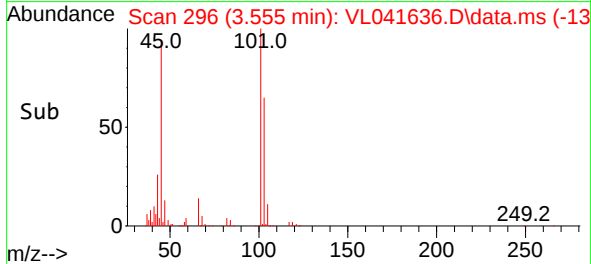
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



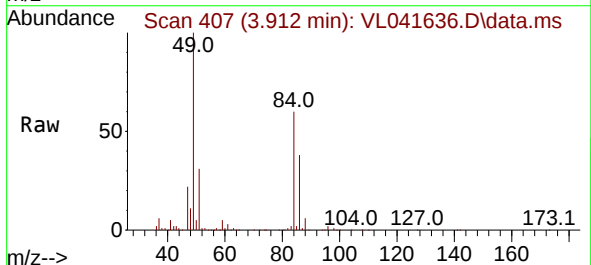
Tgt Ion: 45 Resp: 619938
Ion Ratio Lower Upper
45 100
58 3.2 2.1 3.1

Manual Integrations
APPROVED

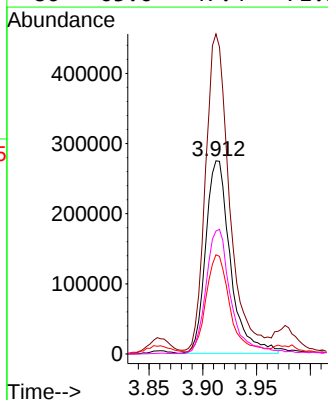
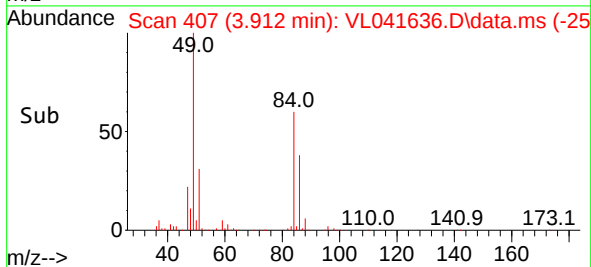
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

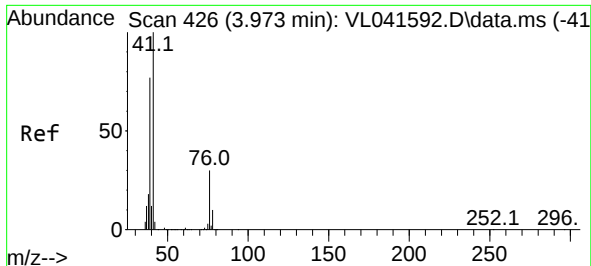


#20
Methylene Chloride
Concen: 8.158 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.003 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38



Tgt Ion: 84 Resp: 438409
Ion Ratio Lower Upper
84 100
49 164.2 124.3 186.5
51 49.9 36.3 54.5
86 63.6 47.4 71.2





#21

Allyl Chloride

Concen: 10.095 ppbv

RT: 3.976 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

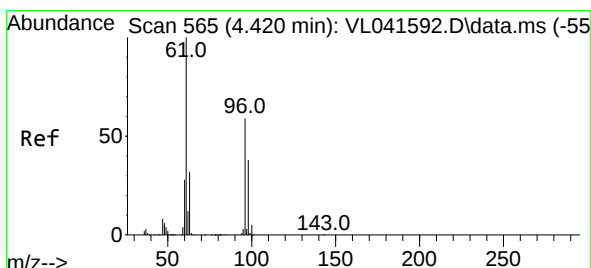
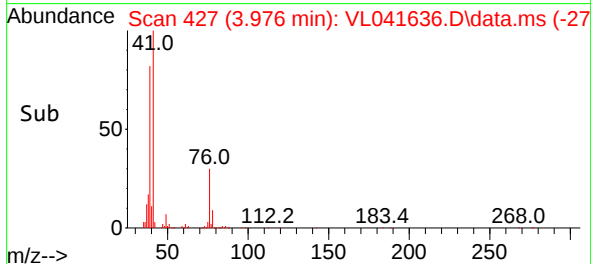
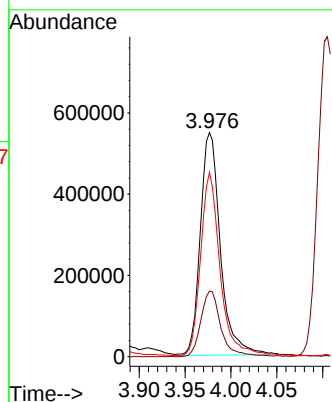
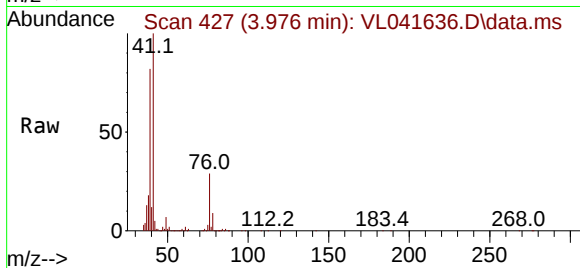
Tgt Ion: 41 Resp: 83695

Ion	Ratio	Lower	Upper
41	100		
76	29.6	23.8	35.6
39	80.5	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#22

trans-1,2-Dichloroethene

Concen: 9.763 ppbv

RT: 4.427 min Scan# 567

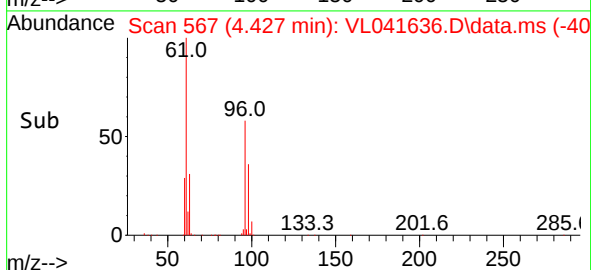
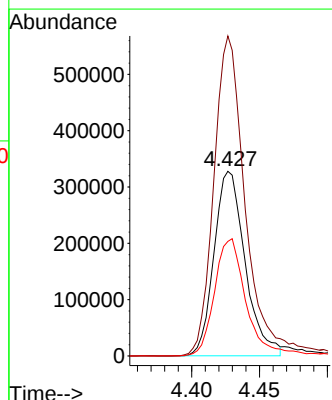
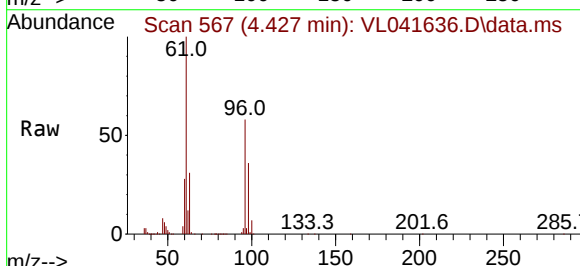
Delta R.T. 0.007 min

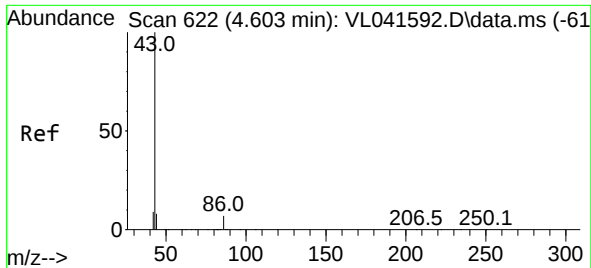
Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Tgt Ion: 96 Resp: 522871

Ion	Ratio	Lower	Upper
96	100		
61	173.2	135.7	203.5
98	61.9	50.9	76.3





#23
 Vinyl Acetate
 Concen: 11.417 ppbv
 RT: 4.610 min Scan# 610
 Delta R.T. 0.007 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

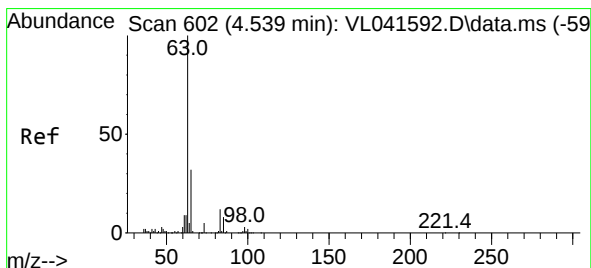
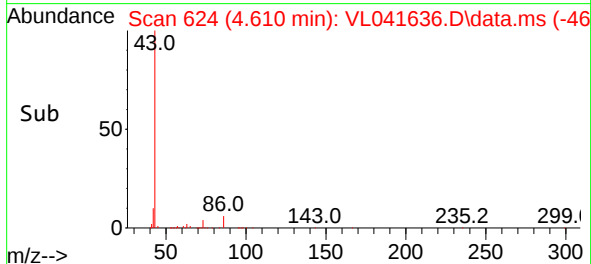
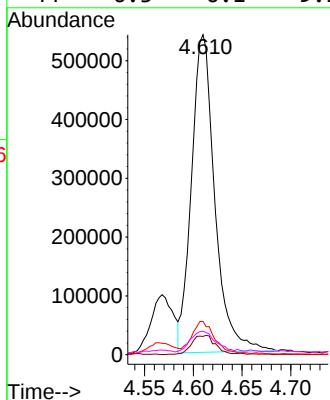
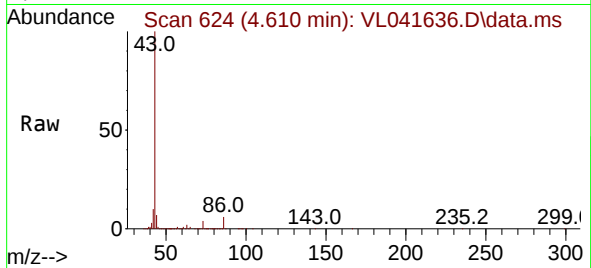
VL1010ABS01

Tgt Ion: 43 Resp: 898310
 Ion Ratio Lower Upper
 43 100
 86 5.7 4.9 7.3
 42 10.4 8.0 12.0
 44 6.3 6.1 9.1

Manual Integrations

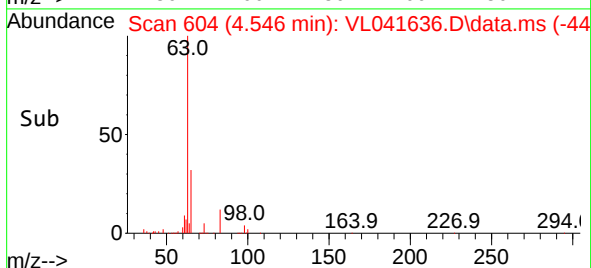
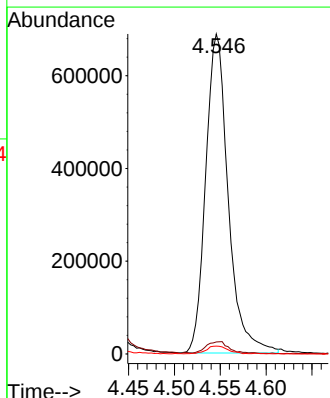
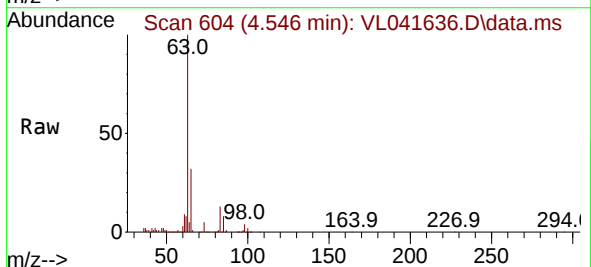
APPROVED

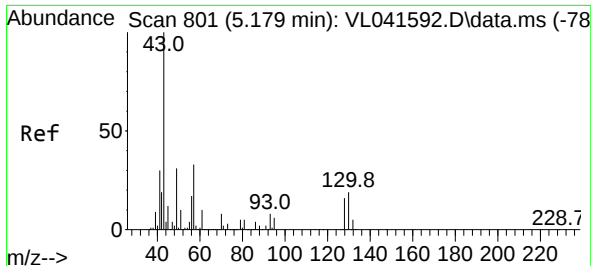
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 9.953 ppbv
 RT: 4.546 min Scan# 604
 Delta R.T. 0.007 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

Tgt Ion: 63 Resp: 1175405
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.7 5.1
 100 2.4 1.1 3.3





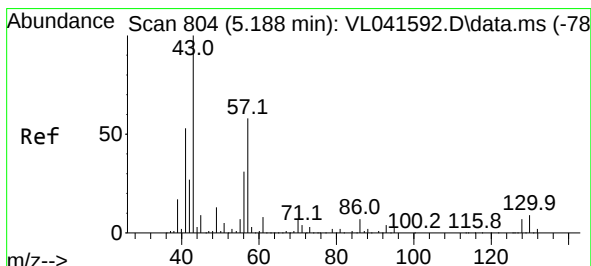
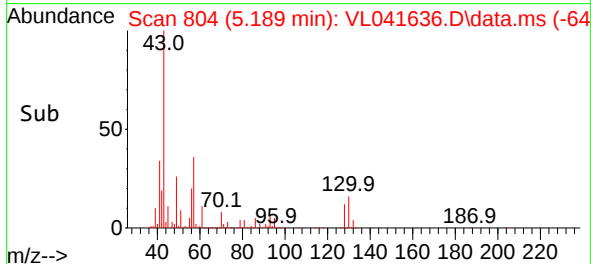
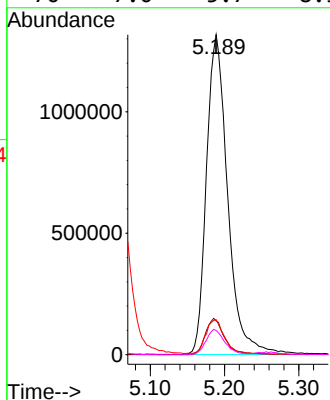
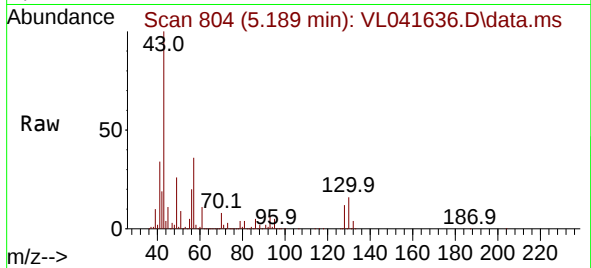
#25
Ethyl Acetate
Concen: 10.129 ppbv
RT: 5.189 min Scan# 801
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion: 43 Resp: 260114
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.2
61 10.5 8.0 12.0
70 7.0 5.7 8.5

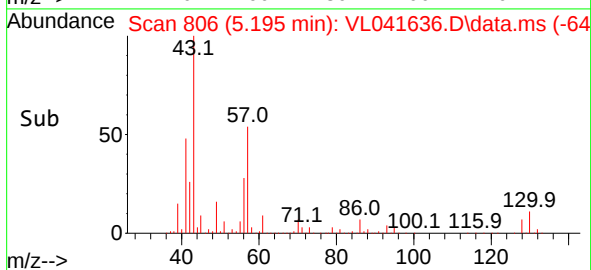
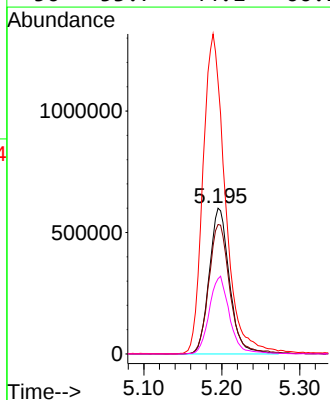
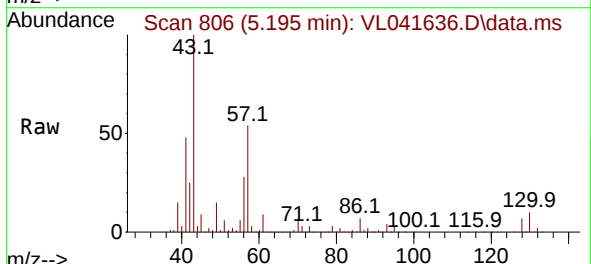
Manual Integrations
APPROVED

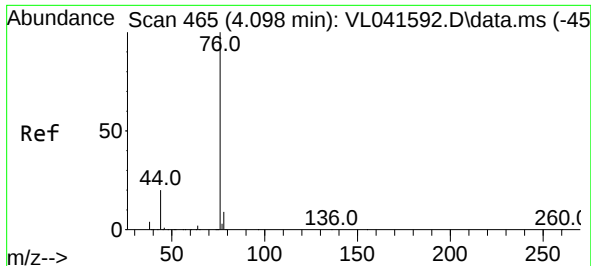
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26
Hexane
Concen: 10.080 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

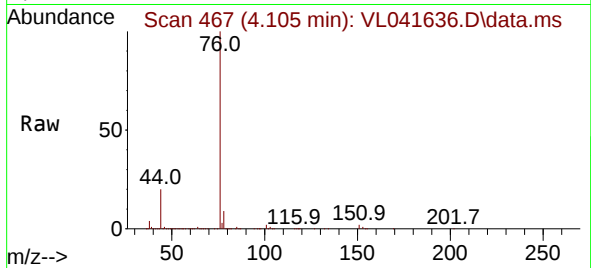
Tgt Ion: 57 Resp: 1079483
Ion Ratio Lower Upper
57 100
41 94.1 75.7 113.5
43 243.4 198.5 297.7
56 53.7 44.1 66.1





#27
Carbon Disulfide
Concen: 11.652 ppbv
RT: 4.105 min Scan# 401
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

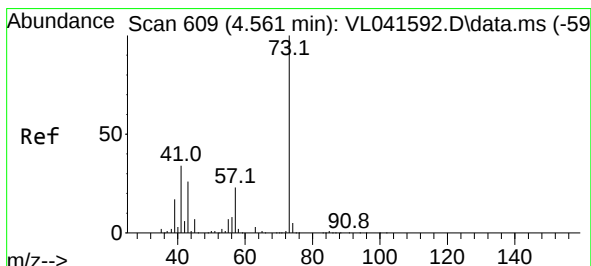
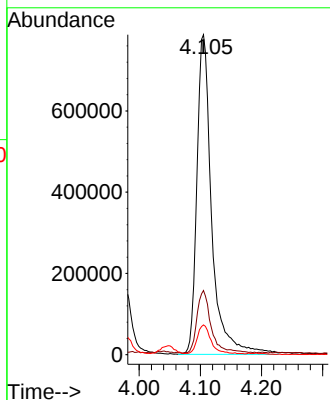
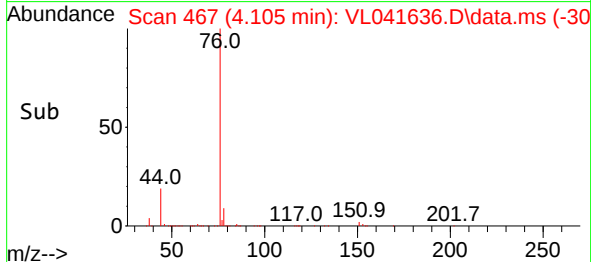
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



Tgt Ion: 76 Resp: 132646
Ion Ratio Lower Upper
76 100
44 18.9 15.8 23.8
78 9.1 7.5 11.3

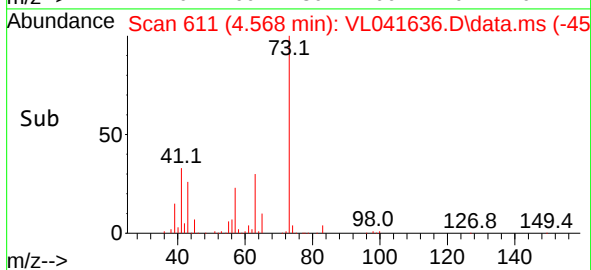
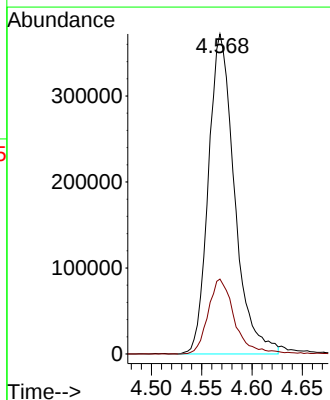
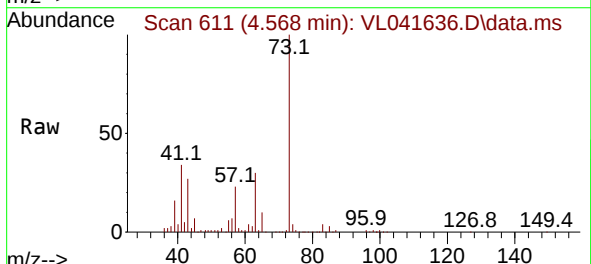
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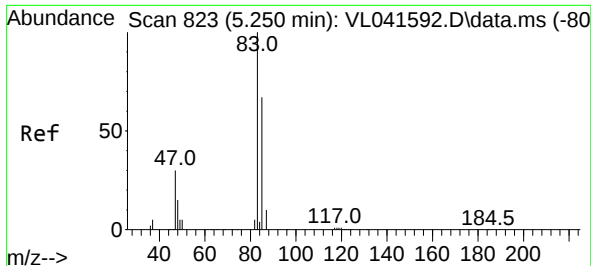
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#28
Methyl tert-Butyl Ether
Concen: 10.167 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 73 Resp: 671301
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9





#29

Chloroform

Concen: 9.617 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

Tgt Ion: 83 Resp: 1685410

Ion Ratio Lower Upper

83 100

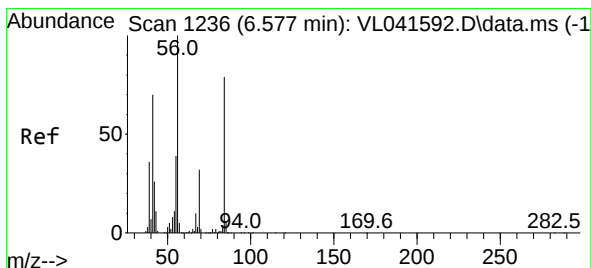
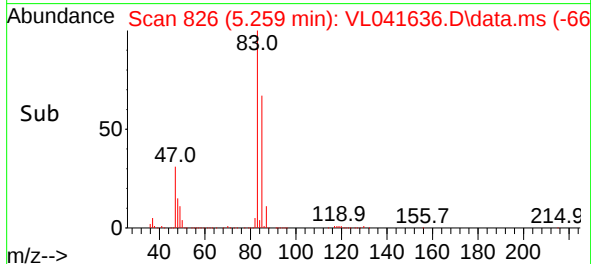
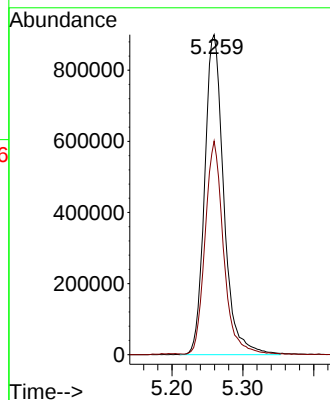
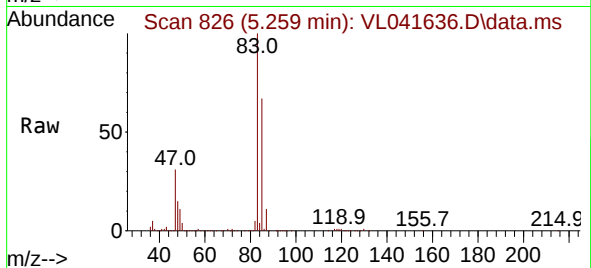
85 66.5 53.8 80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#30

Cyclohexane

Concen: 10.942 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.010 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

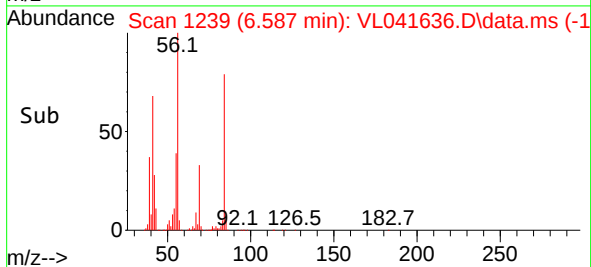
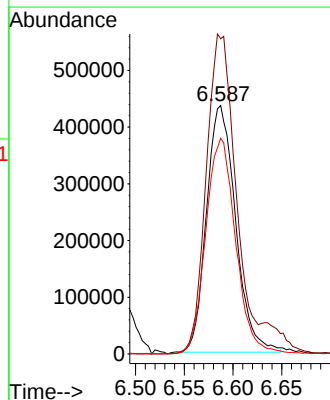
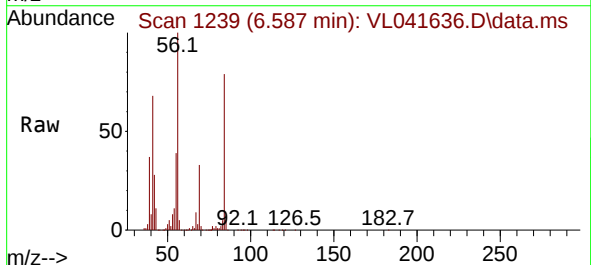
Tgt Ion: 84 Resp: 903279

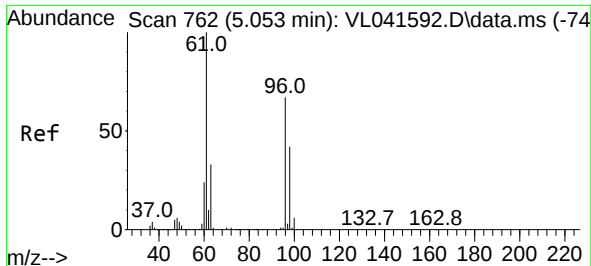
Ion Ratio Lower Upper

84 100

56 140.7 111.5 167.3

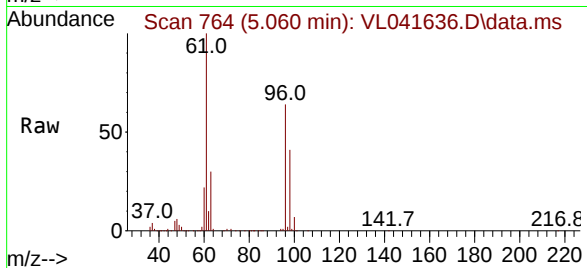
41 90.2 70.9 106.3





#31
 cis-1,2-Dichloroethene
 Concen: 10.002 ppbv
 RT: 5.060 min Scan# 70
 Delta R.T. 0.007 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

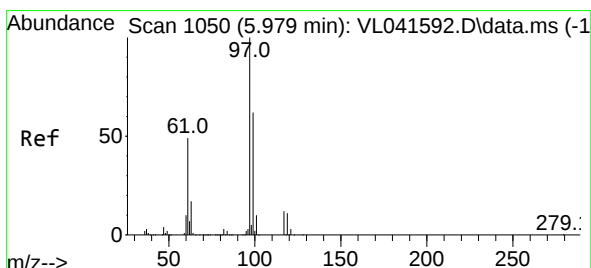
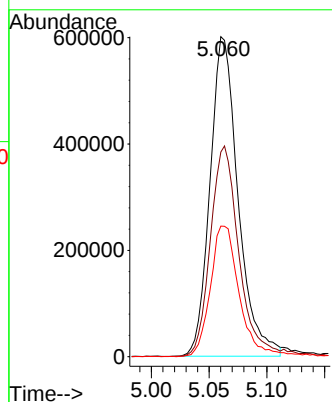
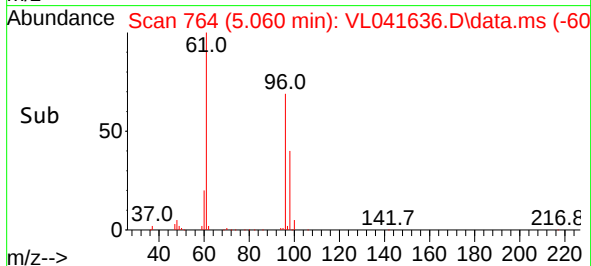
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABS01



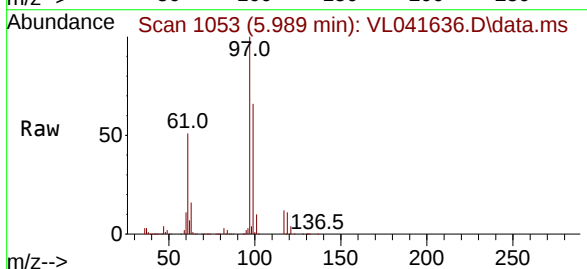
Tgt Ion: 61 Resp: 101693
 Ion Ratio Lower Upper
 61 100
 96 63.9 53.5 80.3
 98 40.8 33.7 50.5

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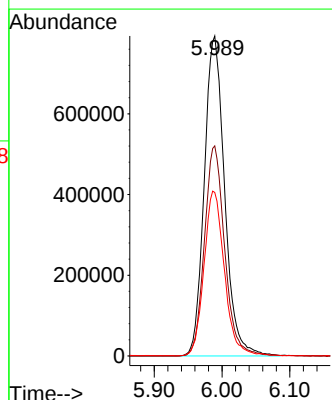
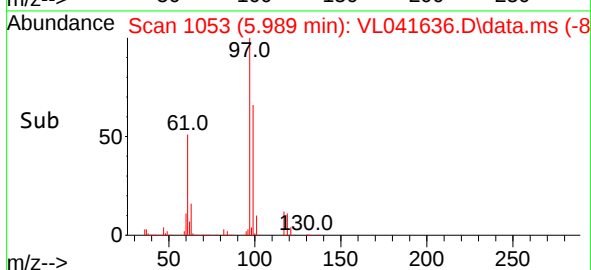
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

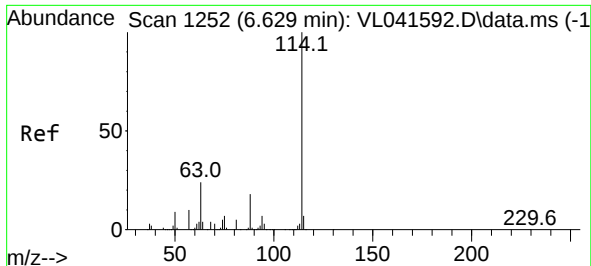


#32
 1,1,1-Trichloroethane
 Concen: 10.617 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.010 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38



Tgt Ion: 97 Resp: 1657192
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.0 76.4
 61 52.0 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

Tgt Ion:114 Resp: 312082

Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.2

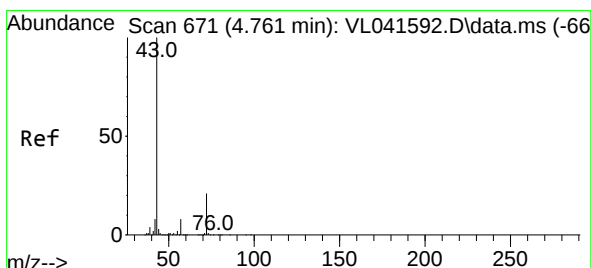
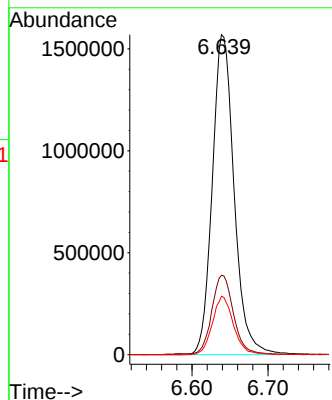
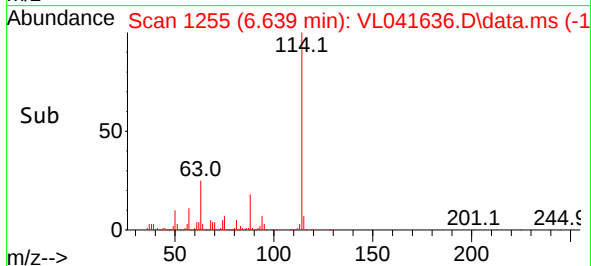
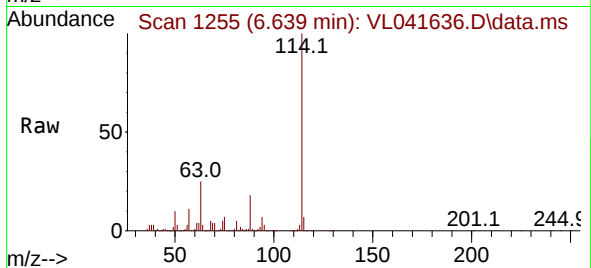
88 17.7 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#34

2-Butanone

Concen: 8.998 ppbv

RT: 4.767 min Scan# 673

Delta R.T. 0.007 min

Lab File: VL041636.D

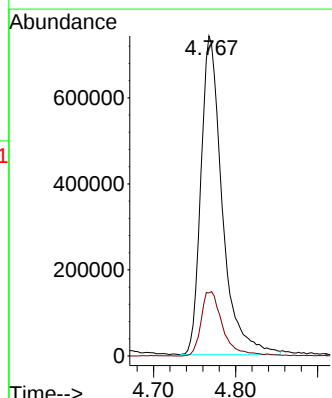
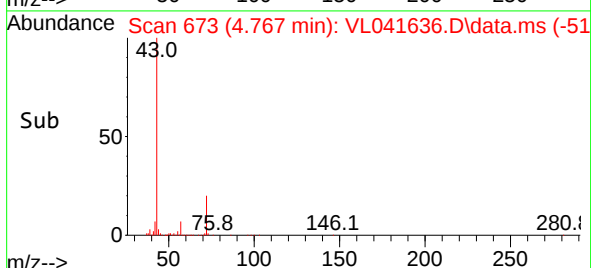
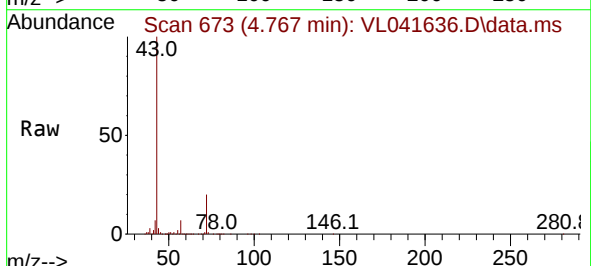
Acq: 10 Oct 2024 10:38

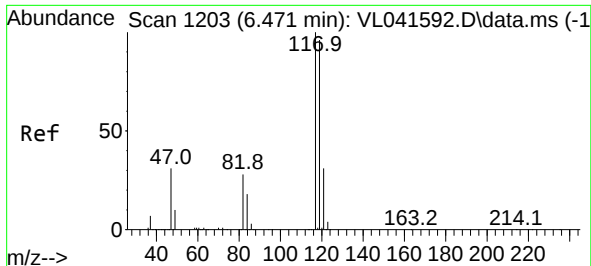
Tgt Ion: 43 Resp: 1339030

Ion Ratio Lower Upper

43 100

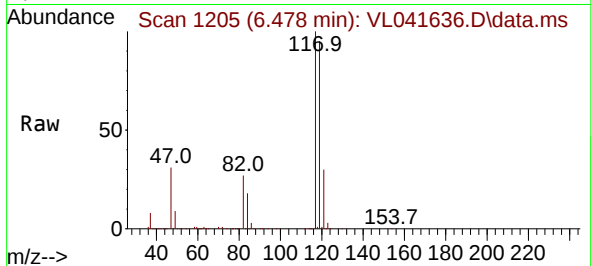
72 21.0 16.8 25.2





#35
Carbon Tetrachloride
Concen: 11.260 ppbv
RT: 6.478 min Scan# 1117
Delta R.T. 0.007 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

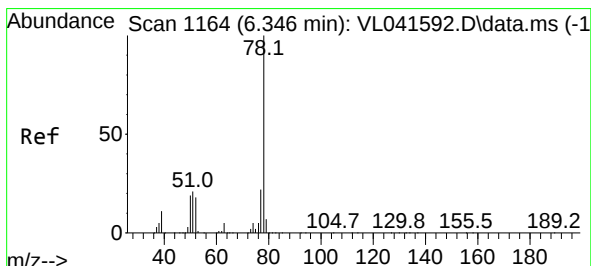
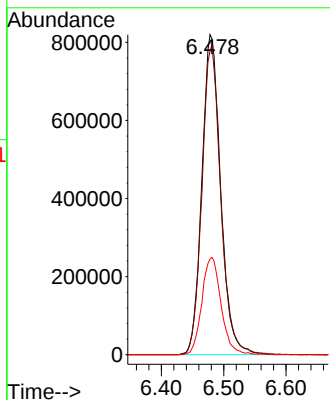
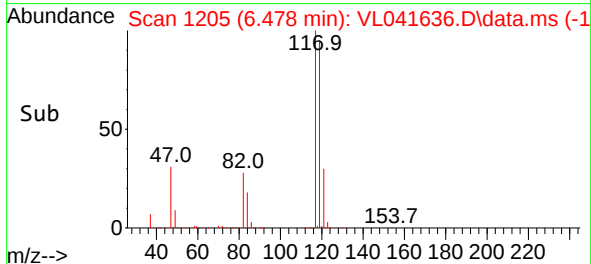
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



Tgt Ion: 117 Resp: 172412
Ion Ratio Lower Upper
117 100
119 94.9 76.8 115.2
121 29.9 25.0 37.6

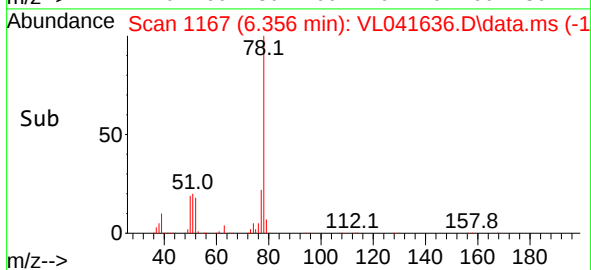
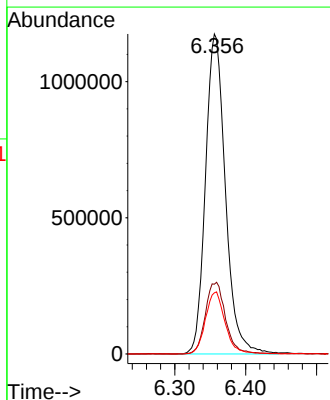
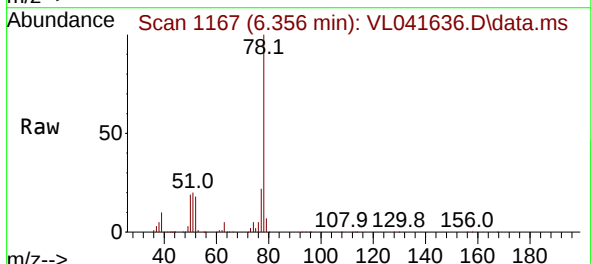
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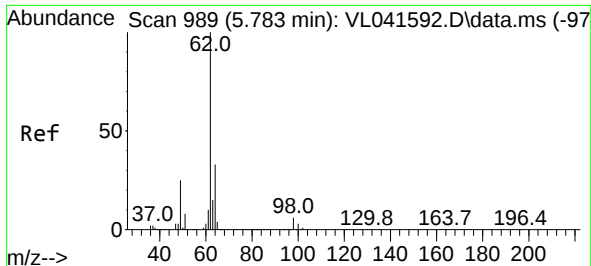
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#36
Benzene
Concen: 10.586 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion: 78 Resp: 2294349
Ion Ratio Lower Upper
78 100
77 21.8 17.8 26.6
50 19.1 15.4 23.0





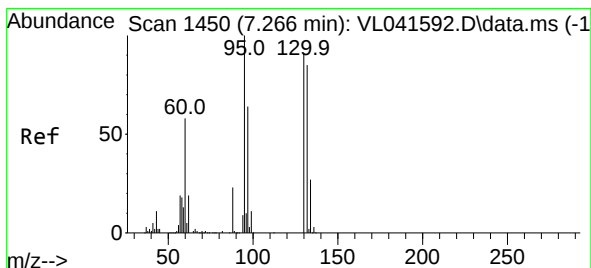
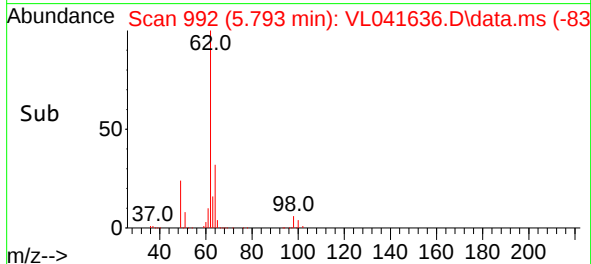
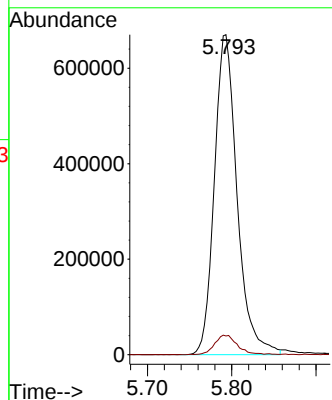
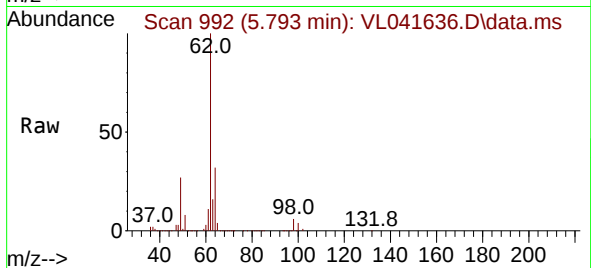
#37
1,2-Dichloroethane
Concen: 9.983 ppbv
RT: 5.793 min Scan# 989
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion: 62 Resp: 125534
Ion Ratio Lower Upper
62 100
98 6.3 4.8 7.2

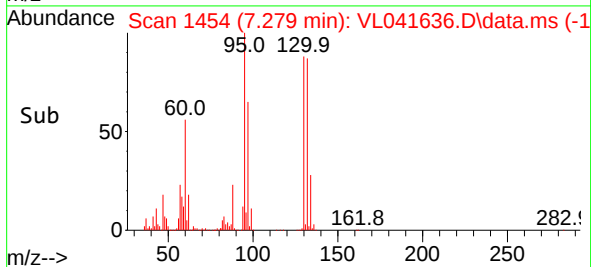
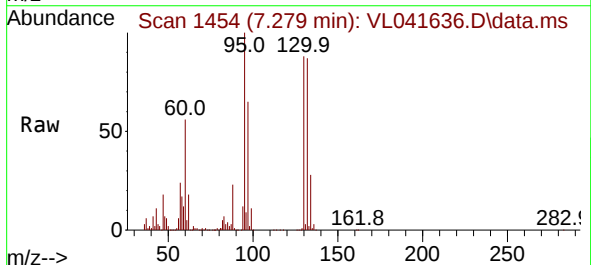
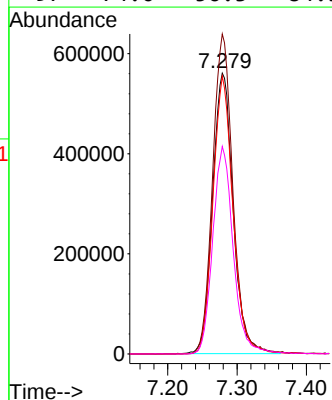
Manual Integrations
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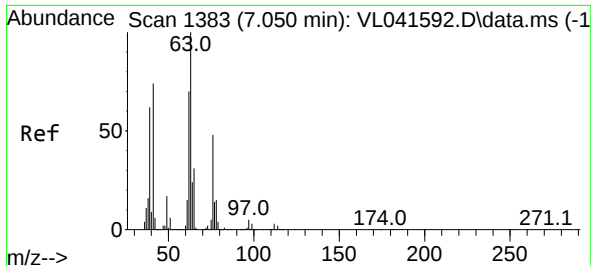
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#38
Trichloroethene
Concen: 10.352 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion:130 Resp: 1155435
Ion Ratio Lower Upper
130 100
95 114.1 87.7 131.5
132 99.0 74.5 111.7
97 74.0 56.3 84.5





#39

1,2-Dichloropropane

Concen: 10.031 ppbv

RT: 7.063 min Scan# 1452

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

Tgt Ion: 63 Resp: 88447

Ion Ratio Lower Upper

63 100

41 73.2 59.5 89.3

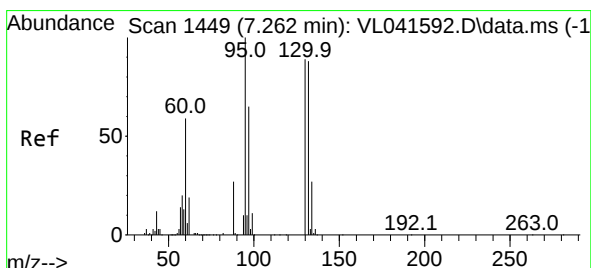
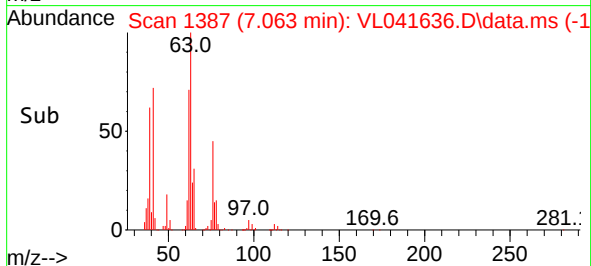
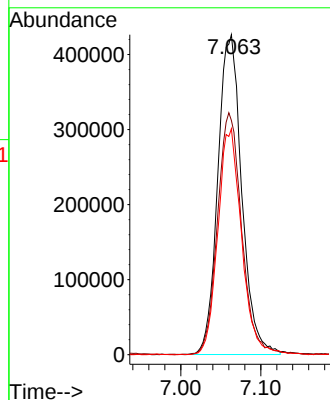
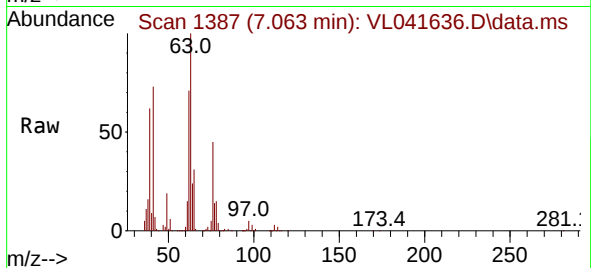
62 70.6 56.2 84.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#40

1,4-Dioxane

Concen: 10.598 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.010 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Tgt Ion: 88 Resp: 352255

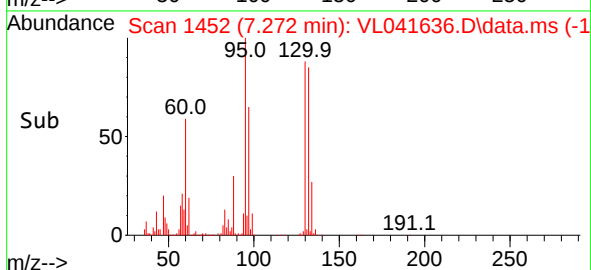
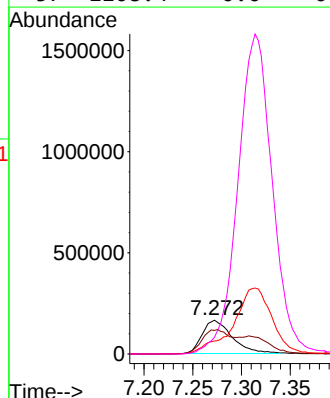
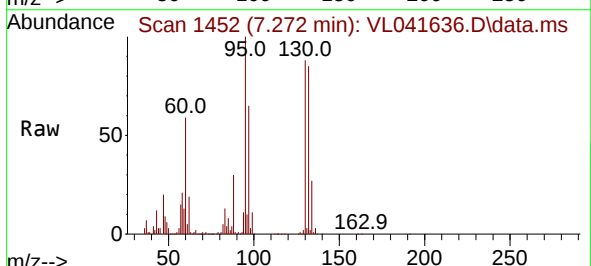
Ion Ratio Lower Upper

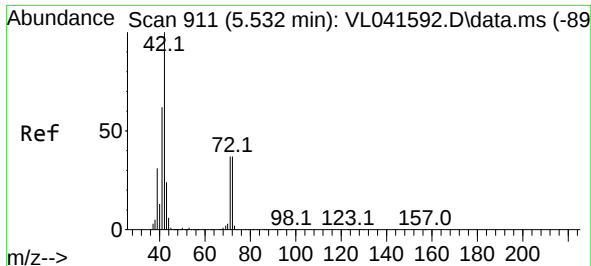
88 100

58 125.6 100.2 150.4

43 258.9 0.0 0.0#

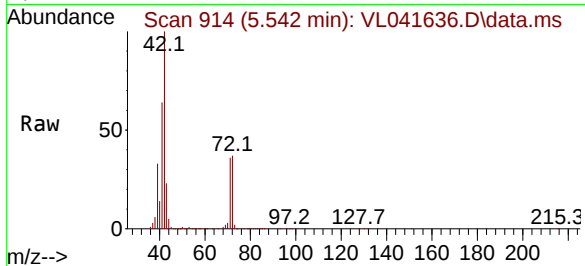
57 1108.4 0.0 0.0#





#41
Tetrahydrofuran
Concen: 11.253 ppbv
RT: 5.542 min Scan# 911
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

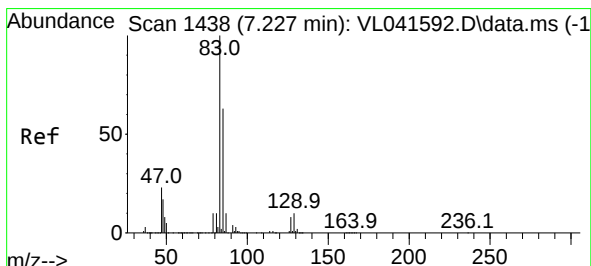
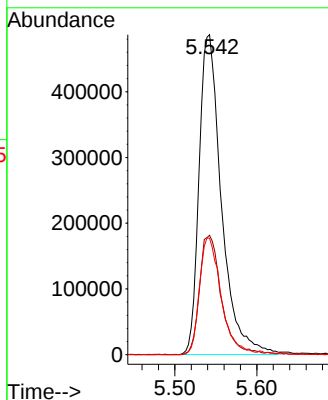
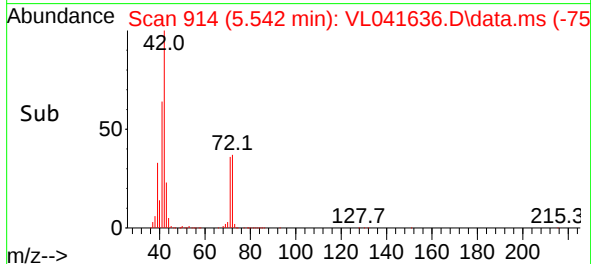
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



Tgt Ion: 42 Resp: 921578
Ion Ratio Lower Upper
42 100
72 36.9 30.2 45.2
71 36.3 29.6 44.4

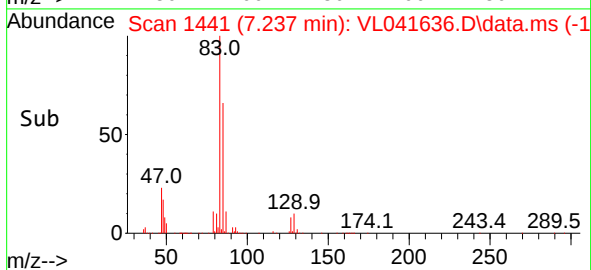
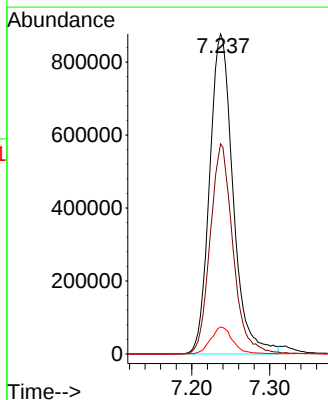
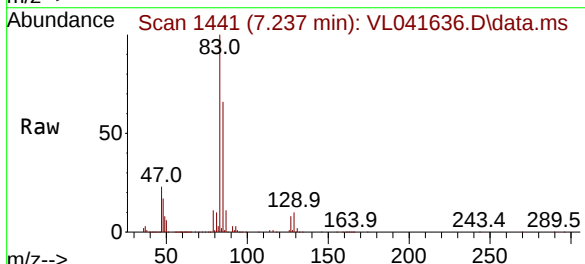
Manual Integrations
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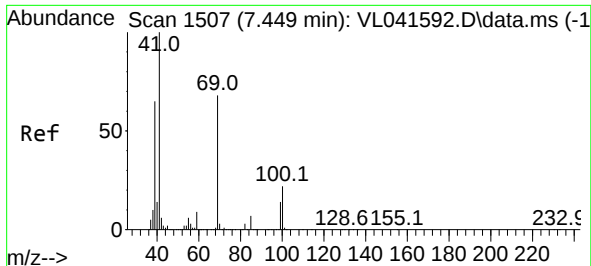
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#42
Bromodichloromethane
Concen: 10.485 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

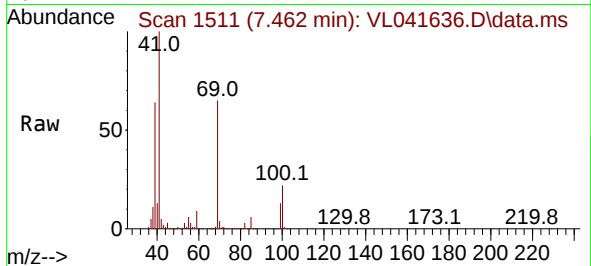
Tgt Ion: 83 Resp: 1834395
Ion Ratio Lower Upper
83 100
85 65.6 50.5 75.7
127 8.4 6.5 9.7





#43
Methyl Methacrylate
Concen: 11.369 ppbv
RT: 7.462 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

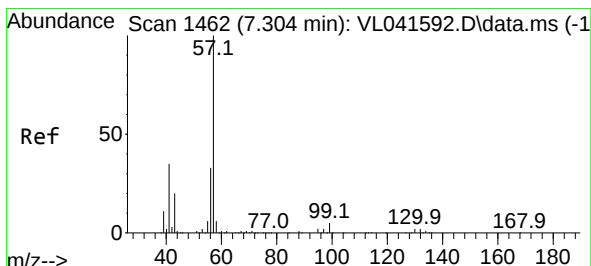
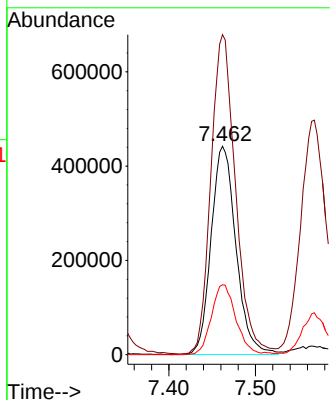
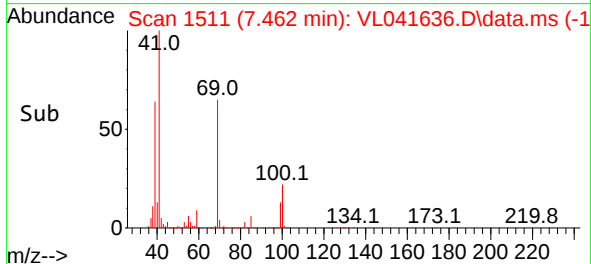
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



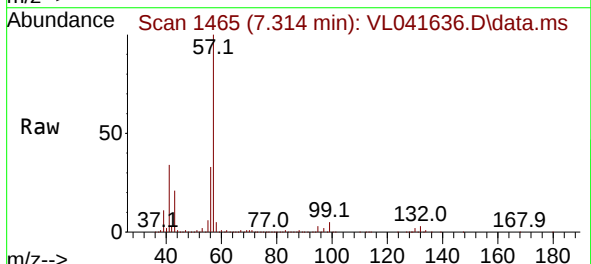
Tgt Ion: 69 Resp: 88176
Ion Ratio Lower Upper
69 100
41 152.1 121.8 182.6
100 33.2 26.5 39.7

Manual Integrations
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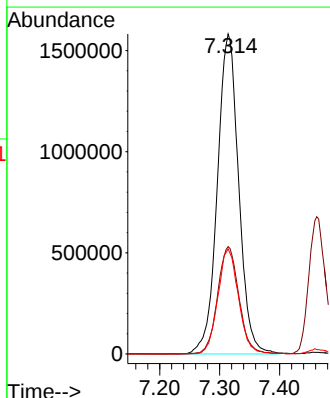
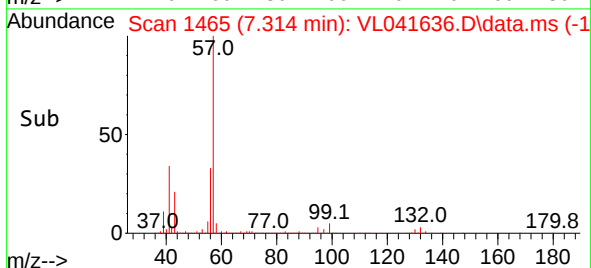
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

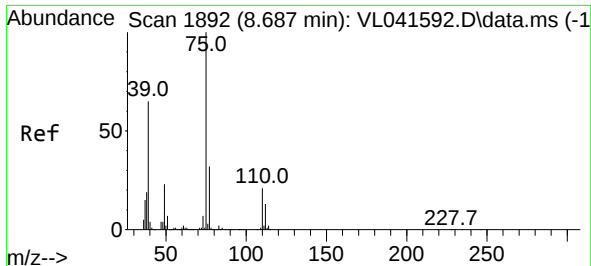


#44
2,2,4-Trimethylpentane
Concen: 10.400 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38



Tgt Ion: 57 Resp: 3899661
Ion Ratio Lower Upper
57 100
41 33.7 27.0 40.6
56 31.8 25.5 38.3





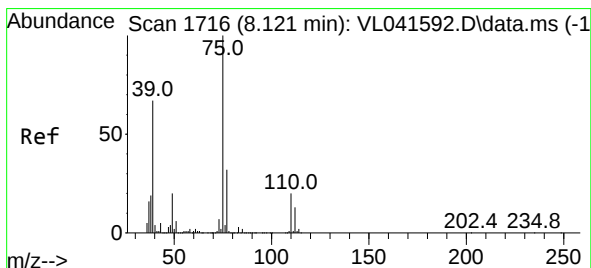
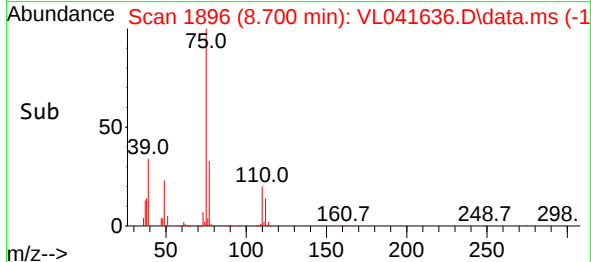
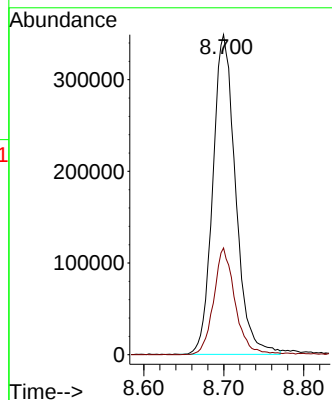
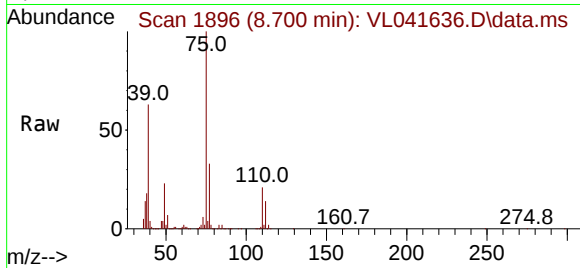
#45
 t-1,3-Dichloropropene
 Concen: 11.033 ppbv
 RT: 8.700 min Scan# 1719
 Delta R.T. 0.013 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABS01

Tgt Ion: 75 Resp: 689950
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0

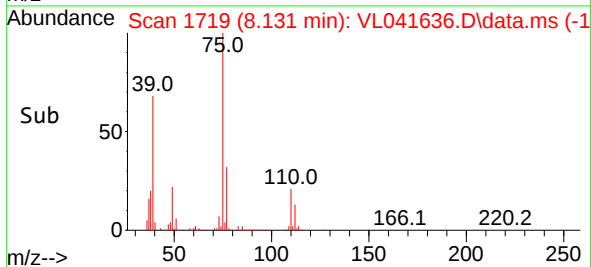
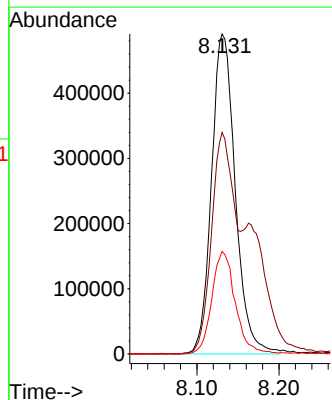
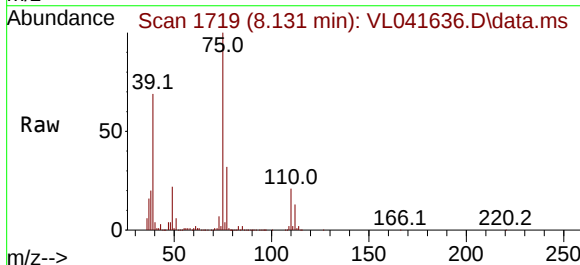
Manual Integrations
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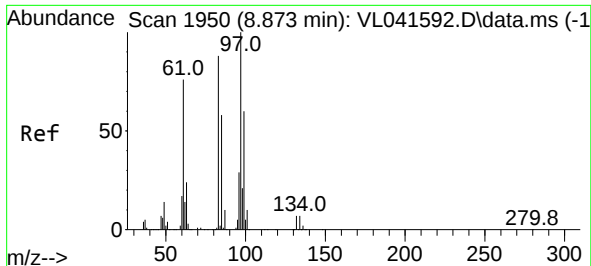
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#46
 cis-1,3-Dichloropropene
 Concen: 10.798 ppbv
 RT: 8.131 min Scan# 1719
 Delta R.T. 0.010 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

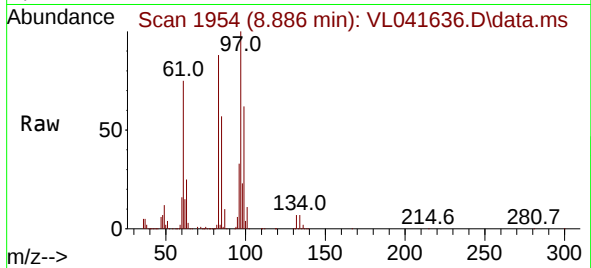
Tgt Ion: 75 Resp: 989234
 Ion Ratio Lower Upper
 75 100
 39 69.1 54.0 81.0
 77 32.1 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 10.088 ppbv
RT: 8.886 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

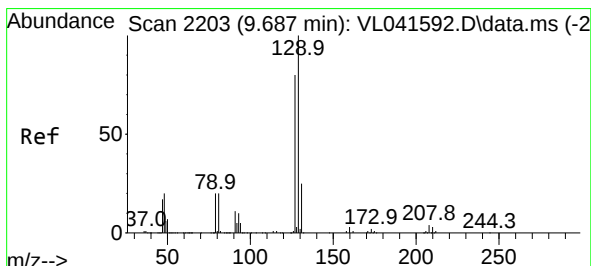
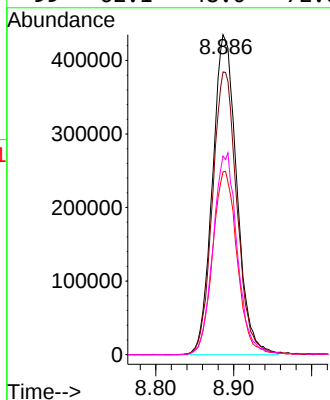
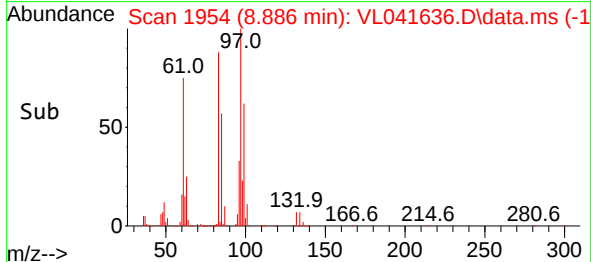
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



Tgt Ion: 97 Resp: 944389
Ion Ratio Lower Upper
97 100
83 88.4 70.2 105.4
85 57.1 46.3 69.5
99 62.1 48.0 72.0

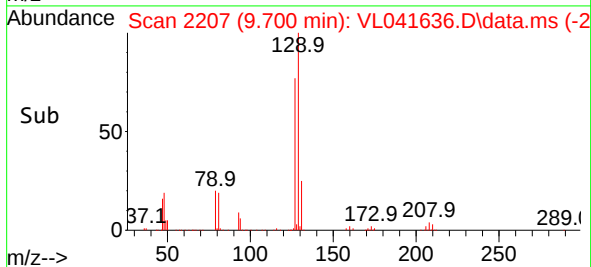
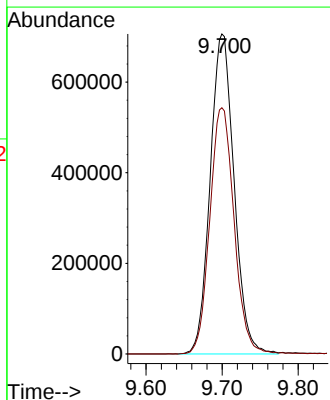
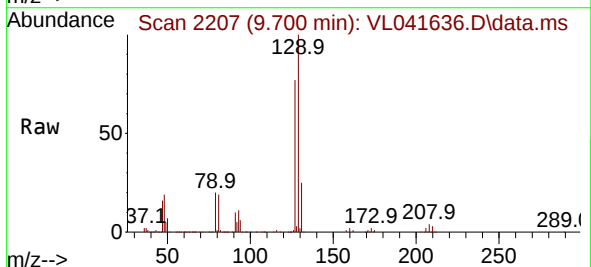
Manual Integrations
APPROVED

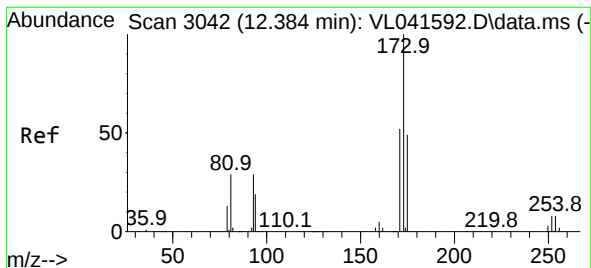
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#48
Dibromochloromethane
Concen: 10.886 ppbv
RT: 9.700 min Scan# 2207
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion:129 Resp: 1544080
Ion Ratio Lower Upper
129 100
127 78.4 39.3 117.9





#49

Bromoform

Concen: 10.880 ppbv

RT: 12.397 min Scan# 3042

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

Tgt Ion:173 Resp: 1324724

Ion Ratio Lower Upper

173 100

175 49.5 40.1 60.1

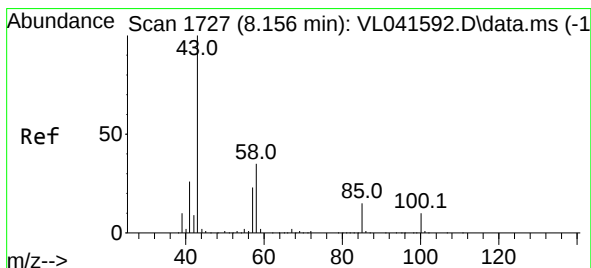
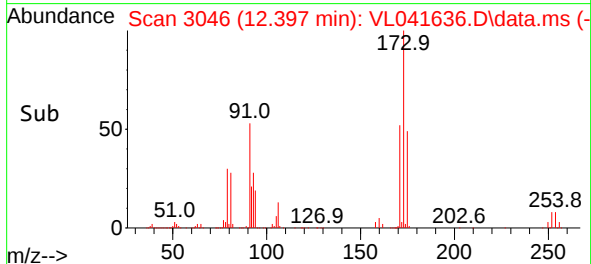
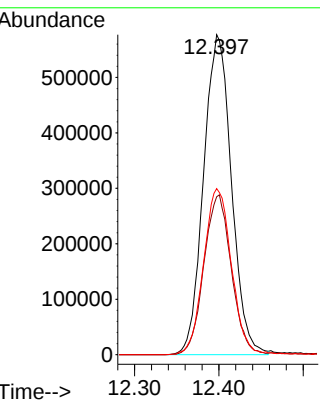
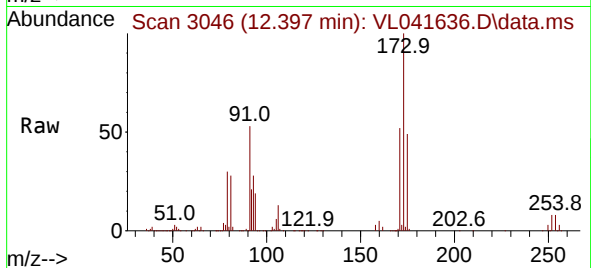
171 52.2 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#50

4-Methyl-2-Pentanone

Concen: 11.108 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. 0.013 min

Lab File: VL041636.D

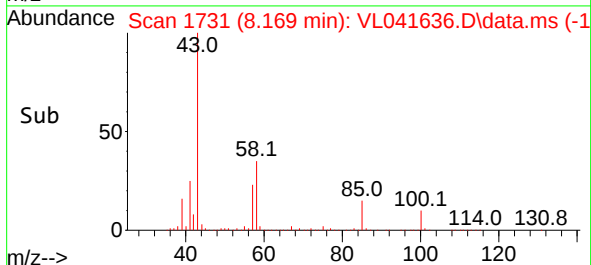
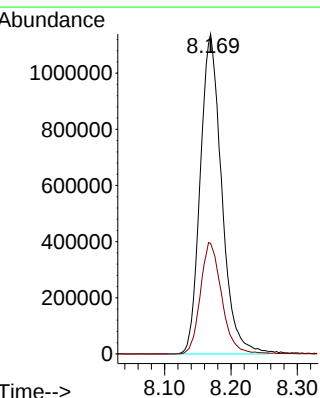
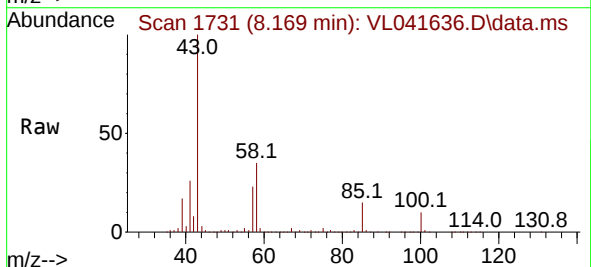
Acq: 10 Oct 2024 10:38

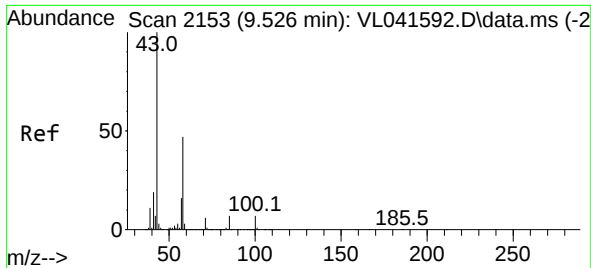
Tgt Ion: 43 Resp: 2552765

Ion Ratio Lower Upper

43 100

58 34.8 27.8 41.8





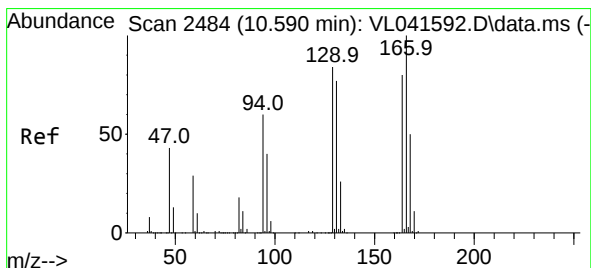
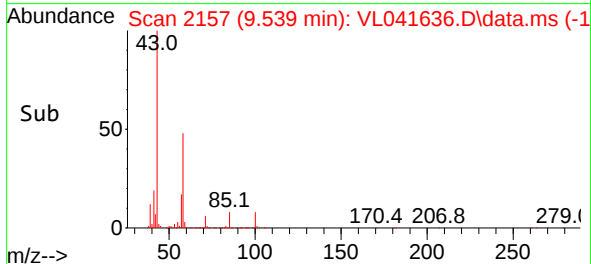
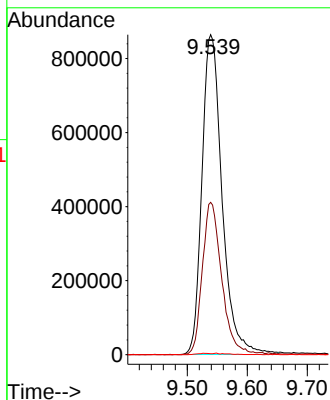
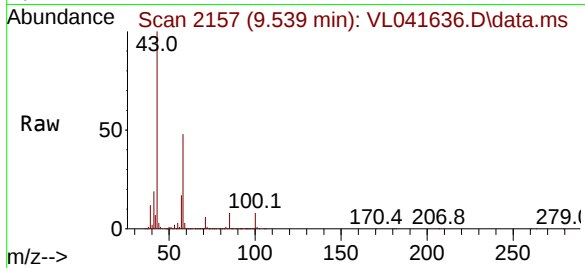
#51
2-Hexanone
Concen: 11.634 ppbv
RT: 9.539 min Scan# 2153
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion: 43 Resp: 2022369
Ion Ratio Lower Upper
43 100
58 46.1 37.2 55.8
98 0.6 0.5 0.7

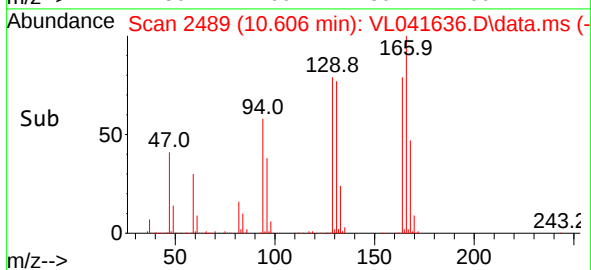
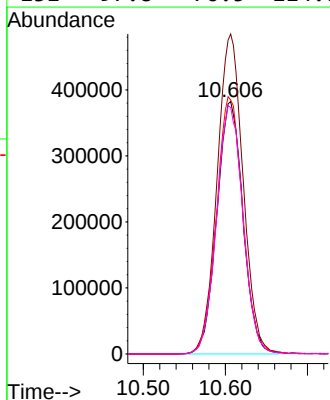
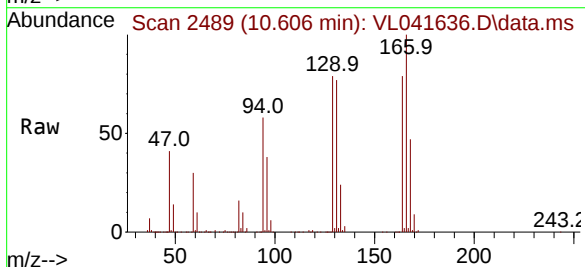
Manual Integrations
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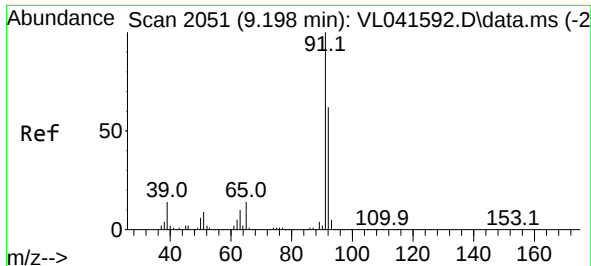
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Tetrachloroethene
Concen: 10.768 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.016 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion:164 Resp: 845060
Ion Ratio Lower Upper
164 100
166 126.8 99.4 149.2
129 100.6 83.5 125.3
131 97.8 76.5 114.7





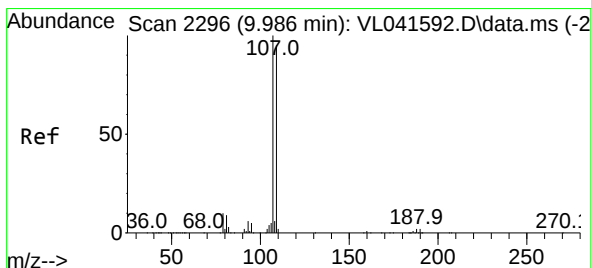
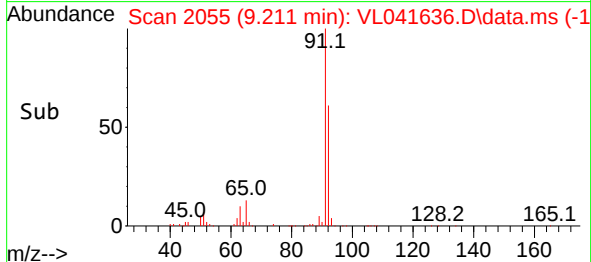
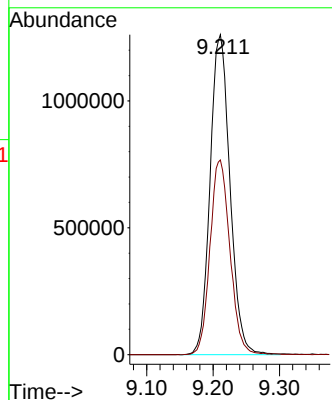
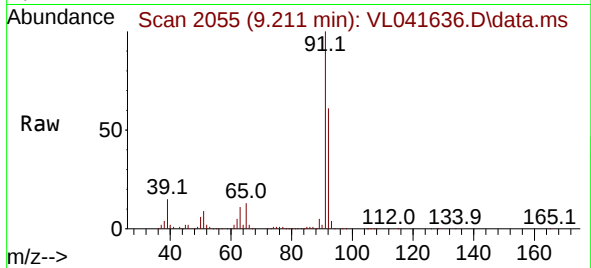
#53
Toluene
Concen: 11.422 ppbv
RT: 9.211 min Scan# 2051
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion: 91 Resp: 2627949
Ion Ratio Lower Upper
91 100
92 61.1 48.9 73.3

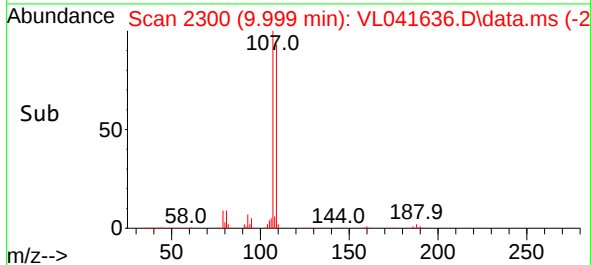
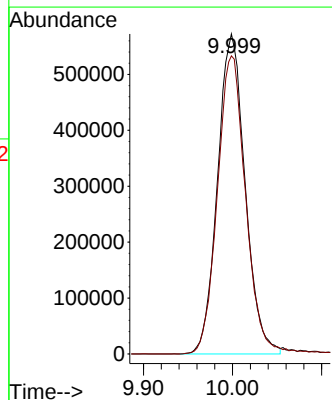
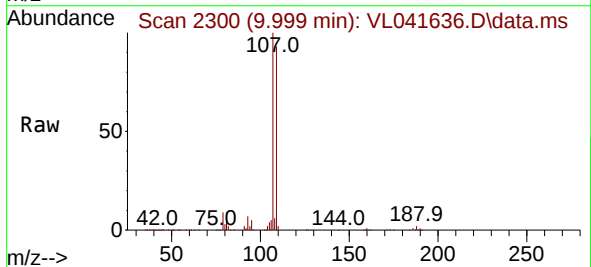
Manual Integrations
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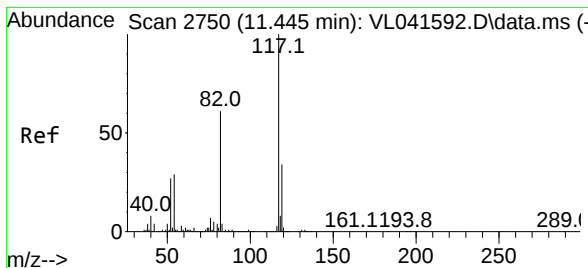
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#54
1,2-Dibromoethane
Concen: 10.671 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

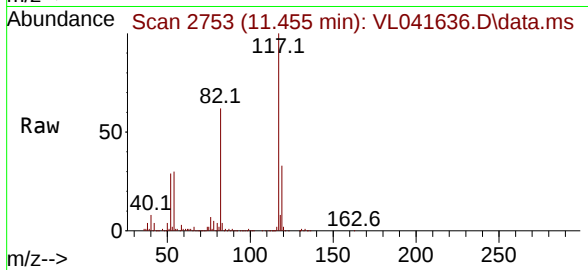
Tgt Ion:107 Resp: 1230231
Ion Ratio Lower Upper
107 100
109 93.1 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.455 min Scan# 2750
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

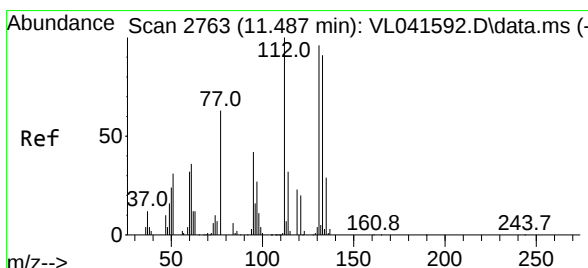
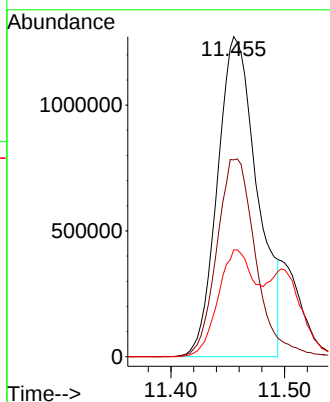
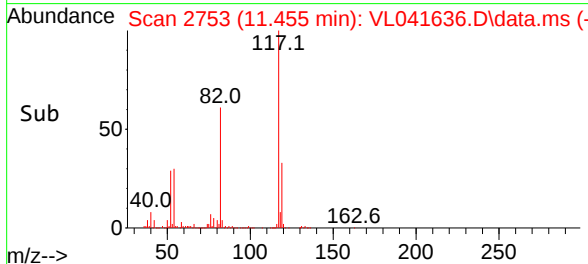
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



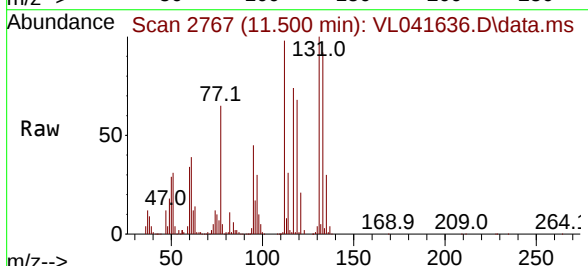
Tgt Ion:117 Resp: 3104178
Ion Ratio Lower Upper
117 100
82 60.7 49.4 74.2
119 31.5 24.4 36.6

Manual Integrations
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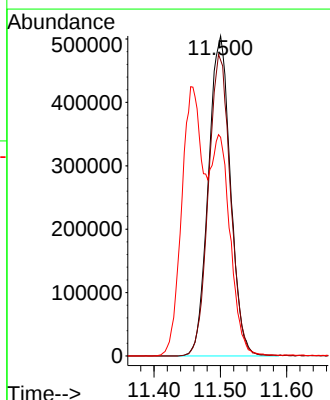
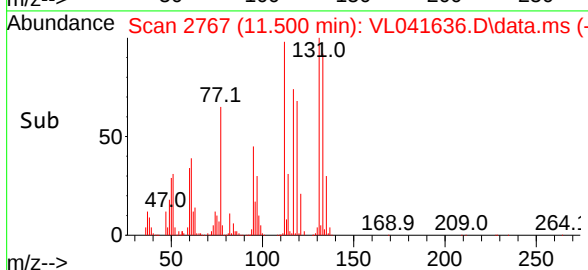
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

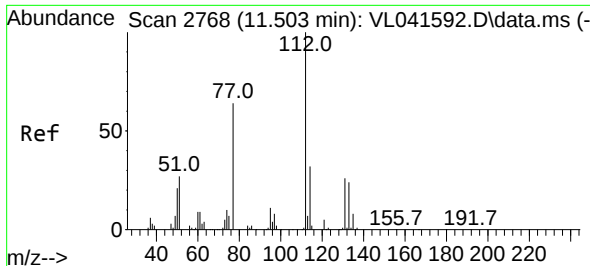


#56
1,1,1,2-Tetrachloroethane
Concen: 9.625 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38



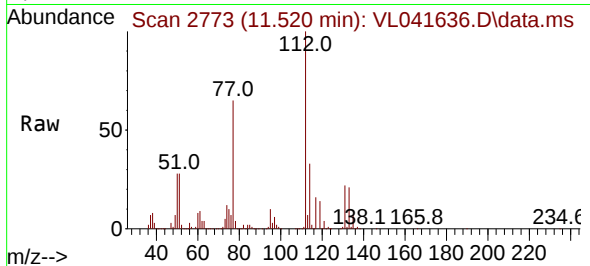
Tgt Ion:131 Resp: 1166485
Ion Ratio Lower Upper
131 100
133 94.2 76.6 115.0
119 65.2 48.5 72.7





#57
Chlorobenzene
Concen: 9.133 ppbv
RT: 11.520 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

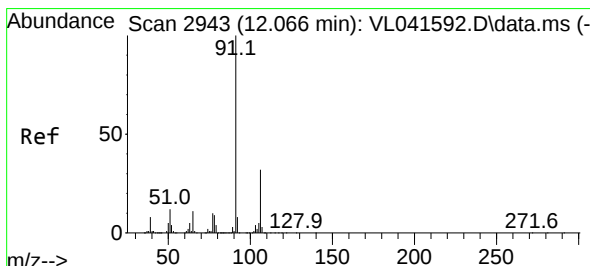
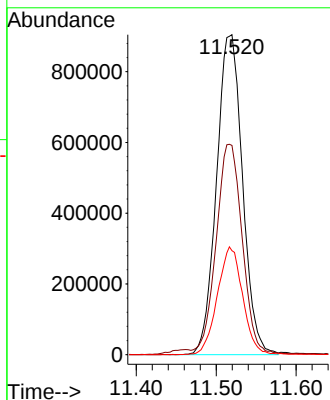
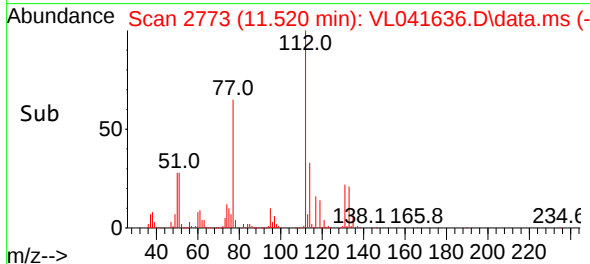
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



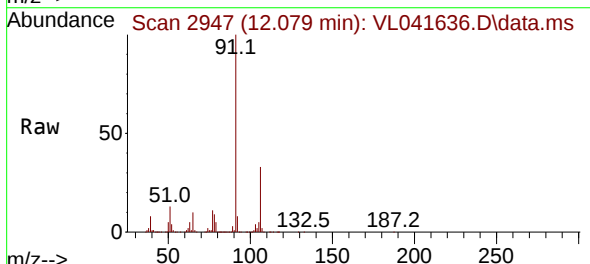
Tgt Ion: 112 Resp: 204417
Ion Ratio Lower Upper
112 100
77 64.9 52.0 78.0
114 32.5 28.6 35.0

Manual Integrations
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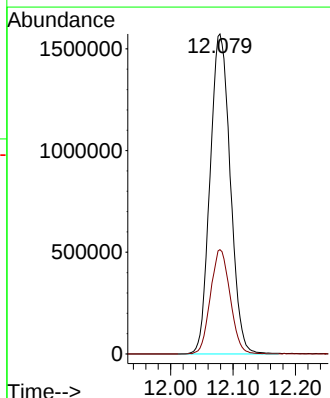
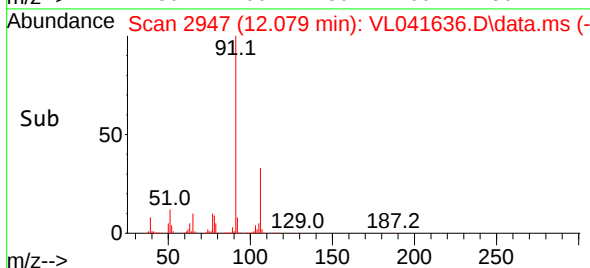
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

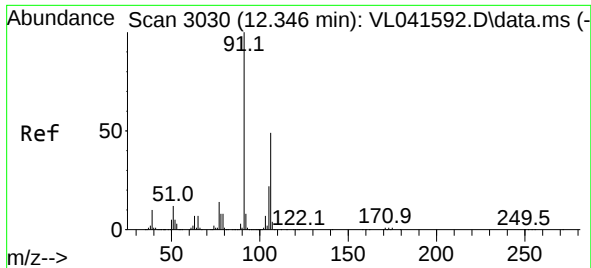


#58
Ethyl Benzene
Concen: 10.656 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38



Tgt Ion: 91 Resp: 3540945
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.6





#59

m/p-Xylene

Concen: 20.255 ppbv m

RT: 12.362 min Scan# 3035

Delta R.T. 0.016 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

Tgt Ion: 91 Resp: 599033

Ion Ratio Lower Upper

91 100

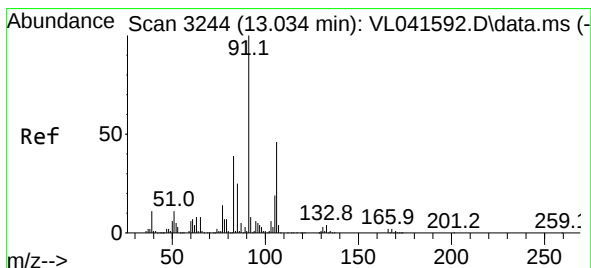
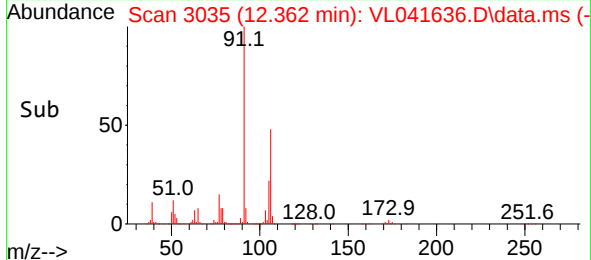
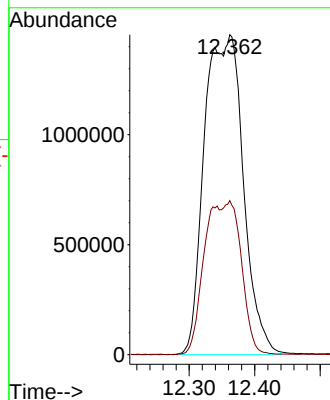
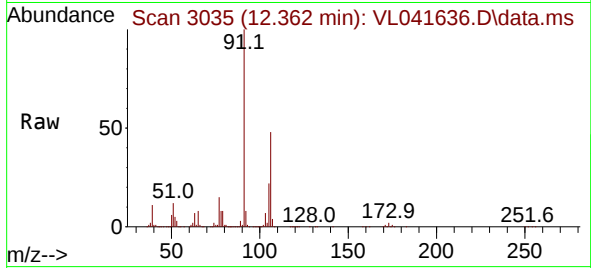
106 45.6 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#60

o-Xylene

Concen: 10.306 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. 0.016 min

Lab File: VL041636.D

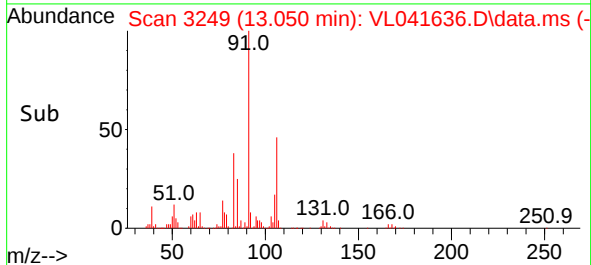
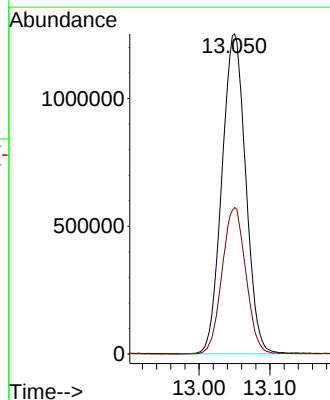
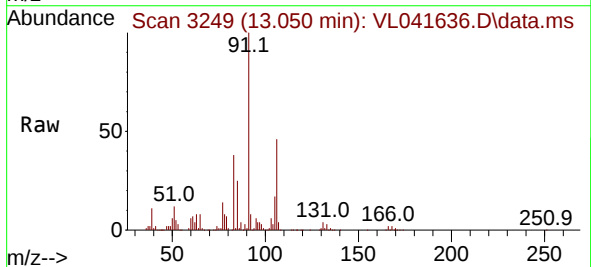
Acq: 10 Oct 2024 10:38

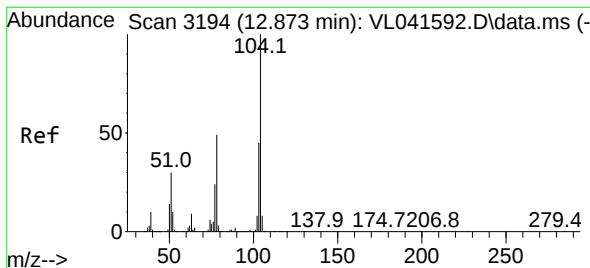
Tgt Ion: 91 Resp: 2922422

Ion Ratio Lower Upper

91 100

106 45.9 23.1 69.3





#61

Styrene

Concen: 11.699 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. 0.016 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

Tgt Ion:104 Resp: 138580

Ion Ratio Lower Upper

104 100

78 49.9 39.8 59.6

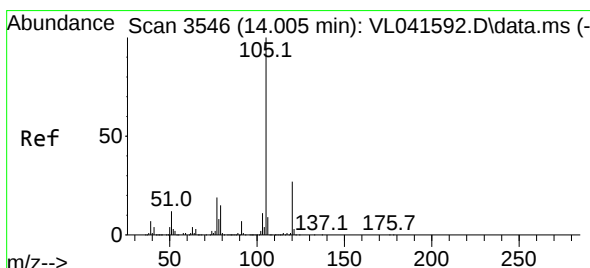
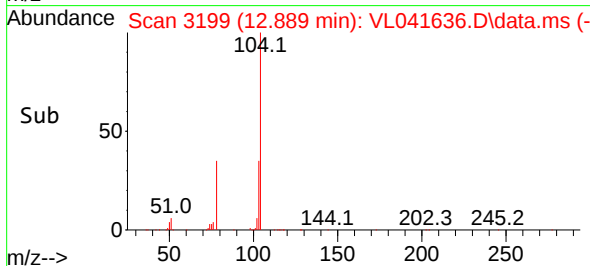
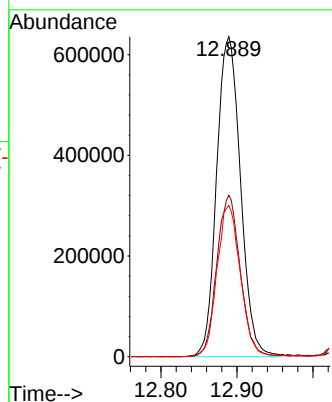
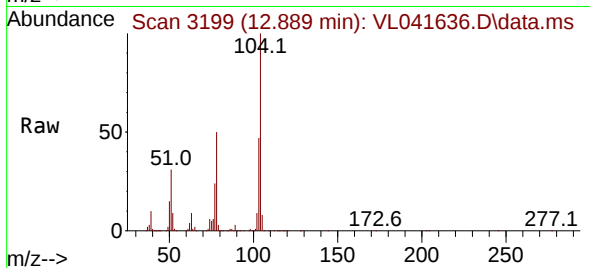
103 46.7 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#62

Isopropylbenzene

Concen: 9.817 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. 0.016 min

Lab File: VL041636.D

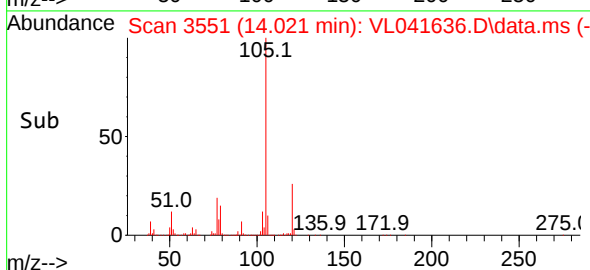
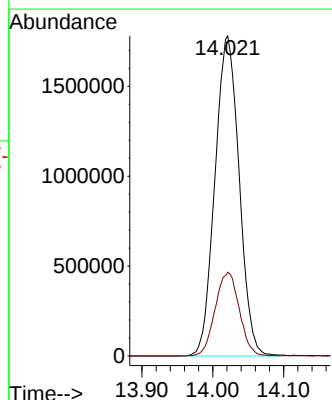
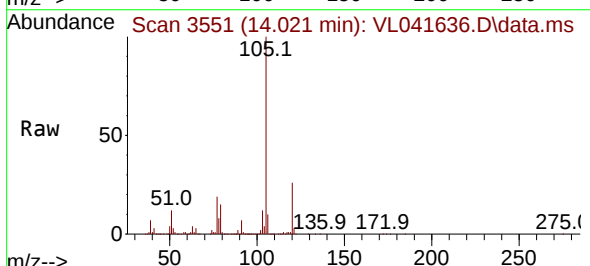
Acq: 10 Oct 2024 10:38

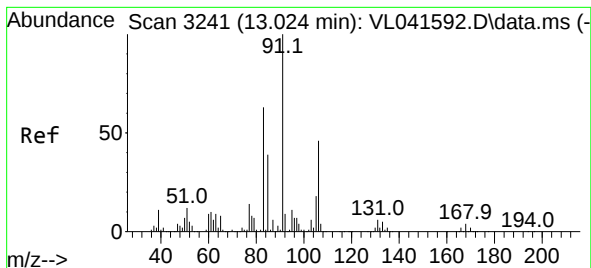
Tgt Ion:105 Resp: 4217117

Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3





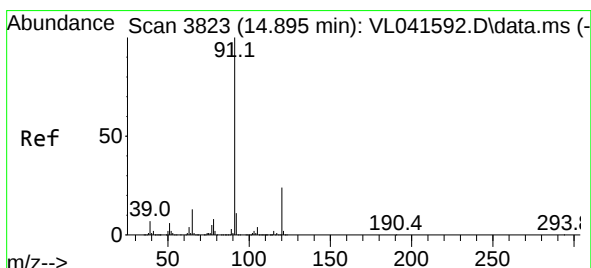
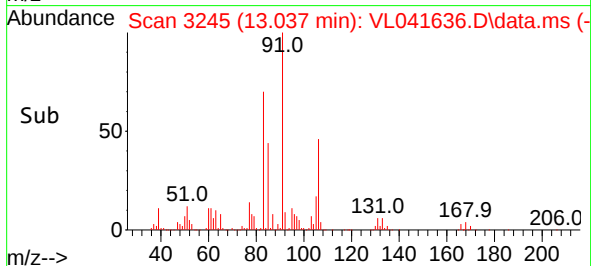
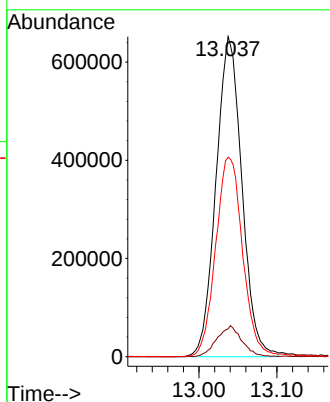
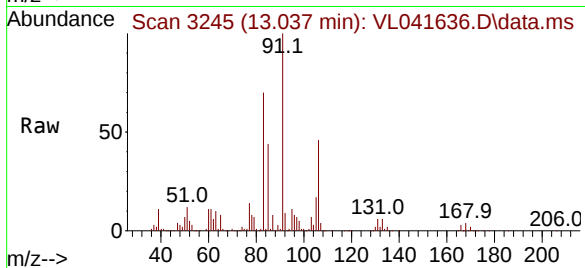
#63
1,1,2,2-Tetrachloroethane
Concen: 10.380 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion: 83 Resp: 150487
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.4 32.5 97.4

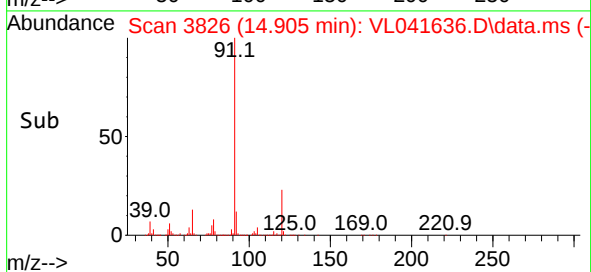
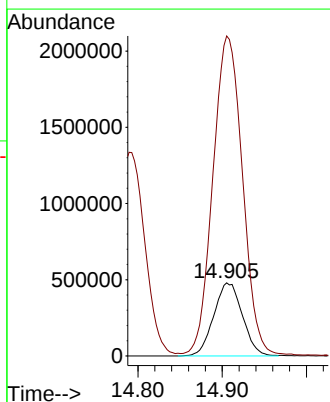
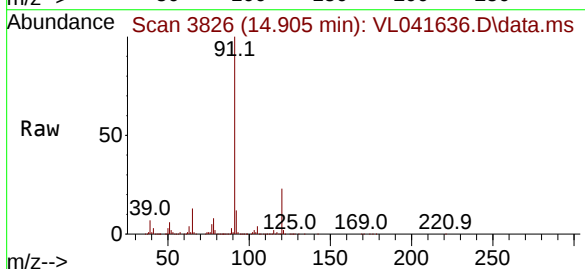
Manual Integrations
APPROVED

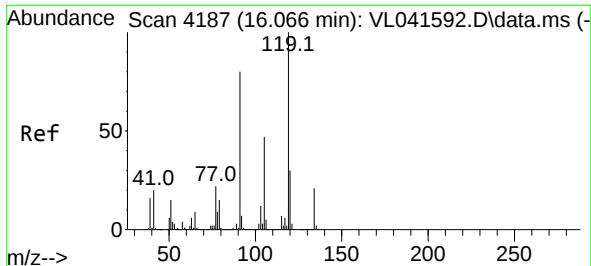
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#64
n-propylbenzene
Concen: 10.193 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.010 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Tgt Ion:120 Resp: 1130913
Ion Ratio Lower Upper
120 100
91 455.6 366.4 549.6





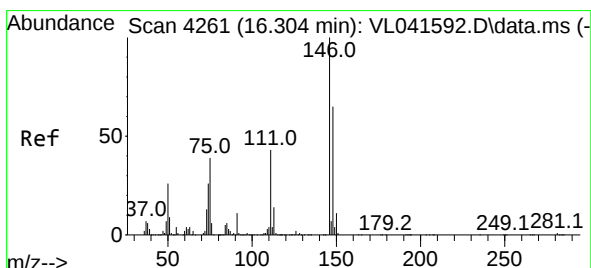
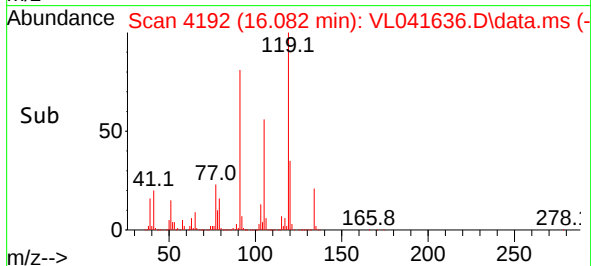
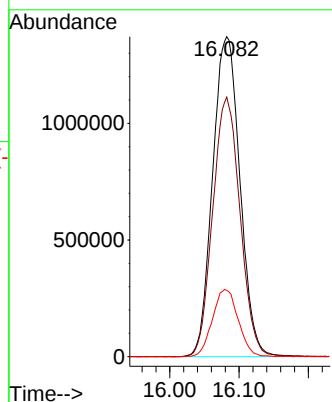
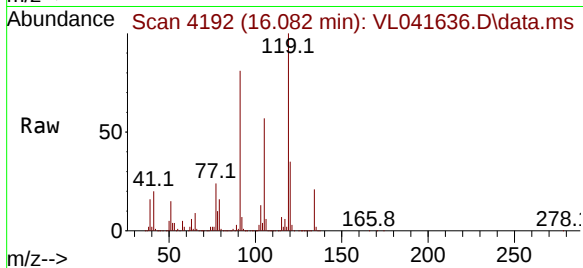
#65
tert-Butylbenzene
Concen: 9.527 ppbv
RT: 16.082 min Scan# 4187
Delta R.T. 0.016 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion:119 Resp: 375138
Ion Ratio Lower Upper
119 100
91 81.2 64.6 96.8
134 19.9 15.8 23.8

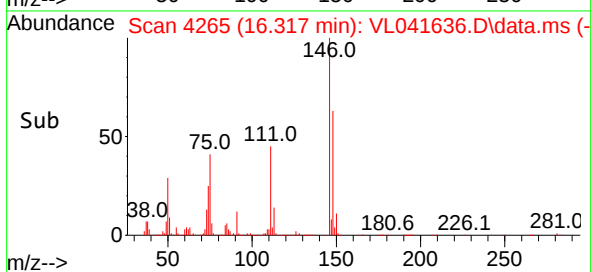
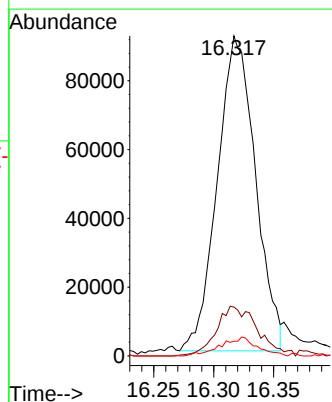
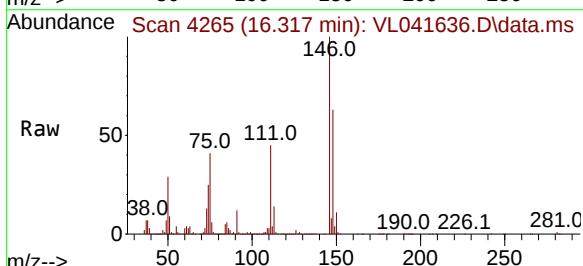
Manual Integrations
APPROVED

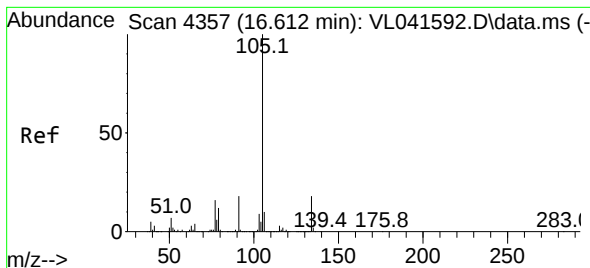
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#66
Benzyl Chloride
Concen: 9.906 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

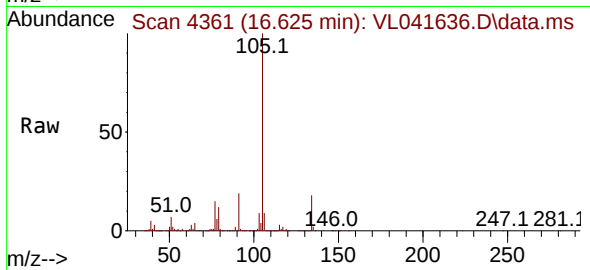
Tgt Ion: 91 Resp: 202794
Ion Ratio Lower Upper
91 100
126 16.9 15.4 23.2
128 5.9 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 9.707 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38

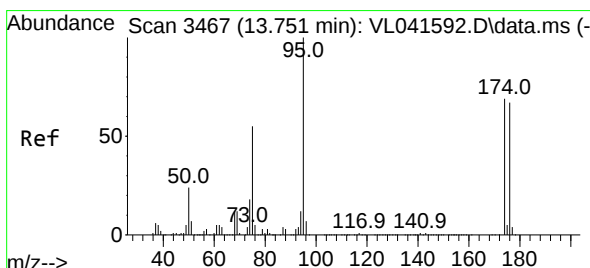
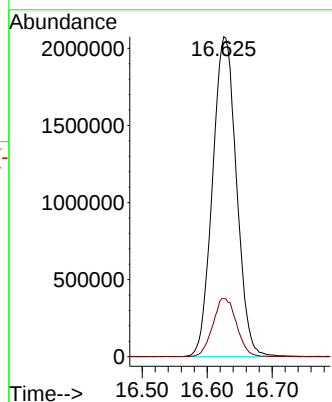
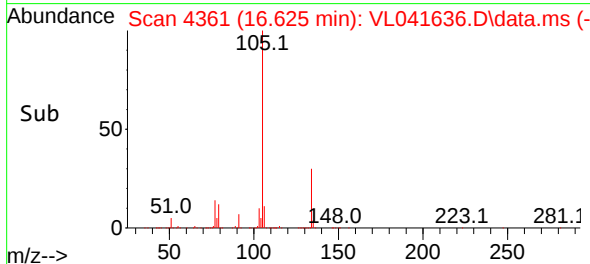
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABS01



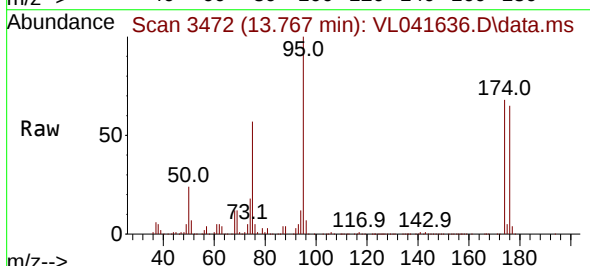
Tgt Ion:105 Resp: 530311
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.6 21.8

Manual Integrations
 APPROVED

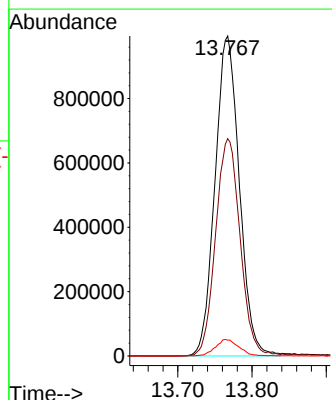
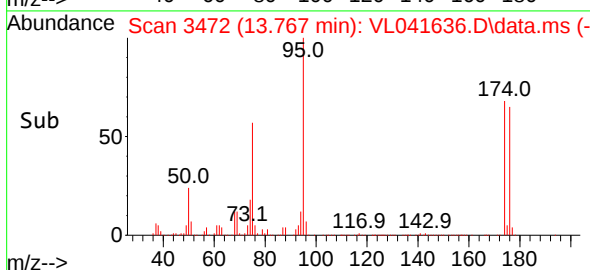
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

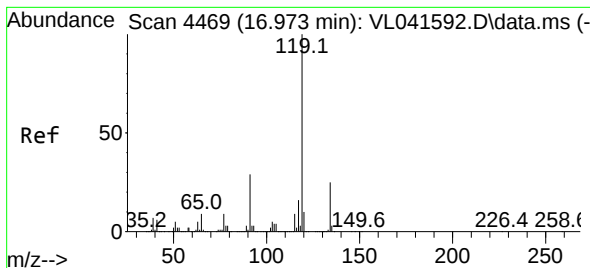


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.921 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.016 min
 Lab File: VL041636.D
 Acq: 10 Oct 2024 10:38



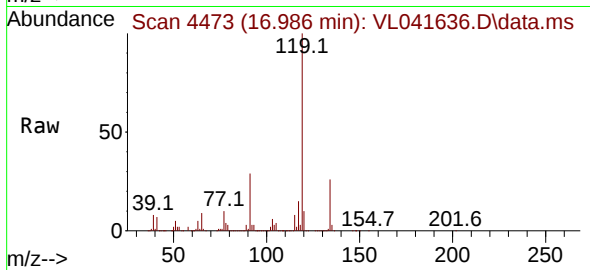
Tgt Ion: 95 Resp: 2267106
 Ion Ratio Lower Upper
 95 100
 174 69.2 55.8 83.8
 175 5.0 4.1 6.1





#69
p-Isopropyltoluene
Concen: 9.908 ppbv
RT: 16.986 min Scan# 4469
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

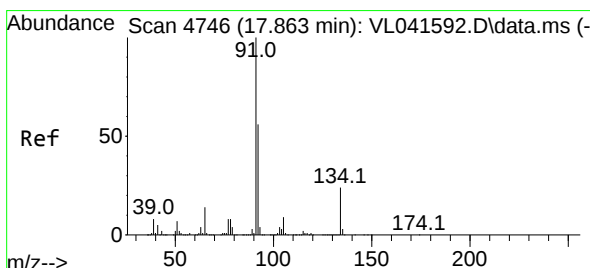
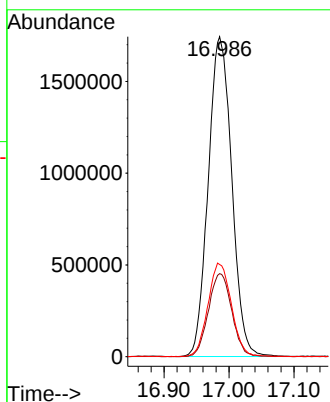
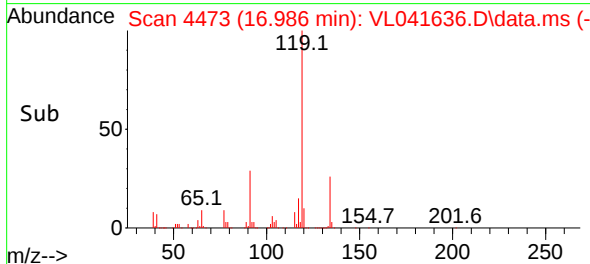
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



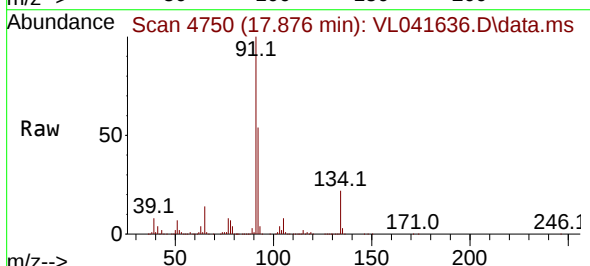
Tgt Ion:119 Resp: 438170
Ion Ratio Lower Upper
119 100
134 25.9 20.5 30.7
91 29.3 23.1 34.7

Manual Integrations
APPROVED

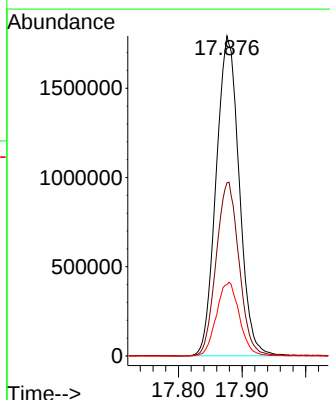
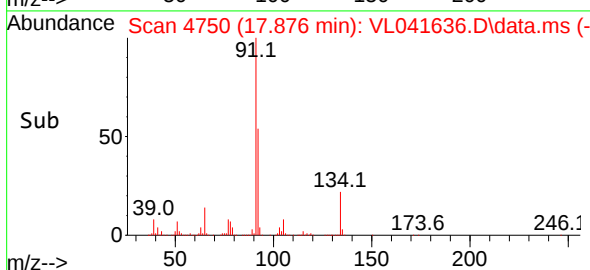
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

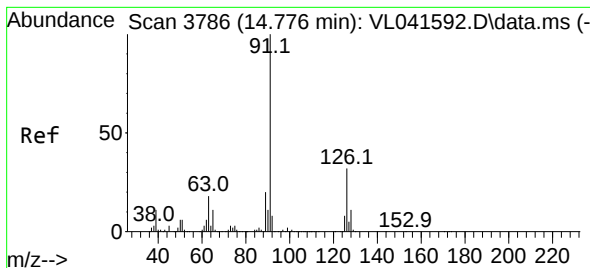


#70
n-Butylbenzene
Concen: 9.730 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38



Tgt Ion: 91 Resp: 4507387
Ion Ratio Lower Upper
91 100
92 54.0 43.2 64.8
134 23.1 18.6 27.8





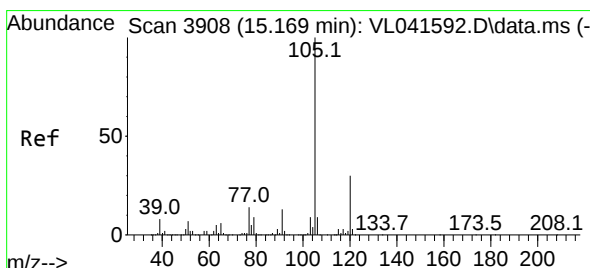
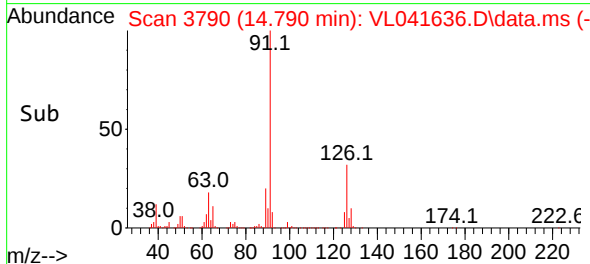
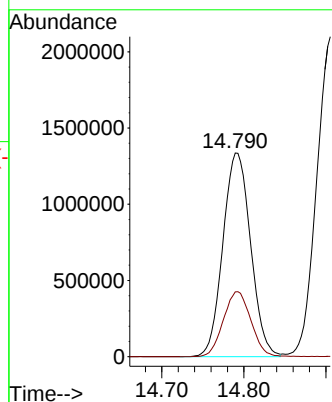
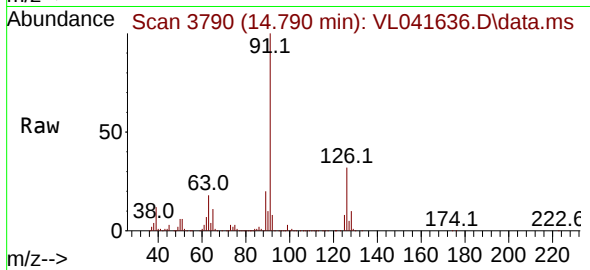
#71
2-Chlorotoluene
Concen: 9.939 ppbv
RT: 14.790 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion: 91 Resp: 3141670
Ion Ratio Lower Upper
91 100
126 31.8 12.9 51.5

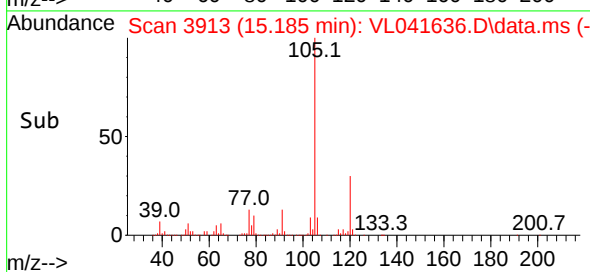
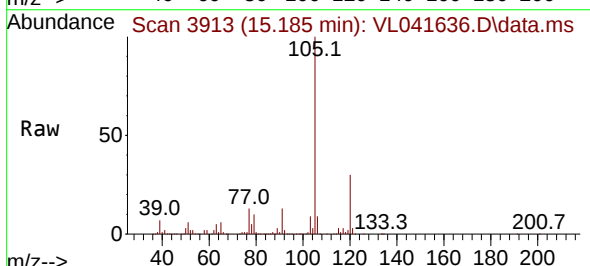
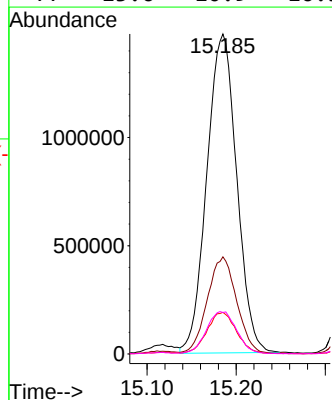
Manual Integrations
APPROVED

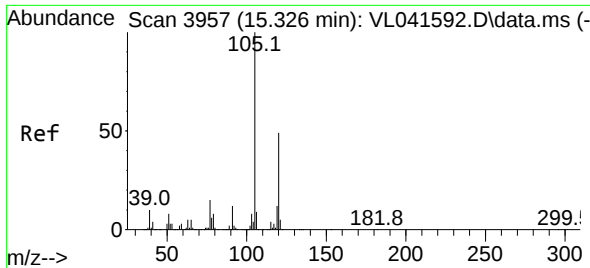
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#72
4-Ethyltoluene
Concen: 10.360 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.016 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

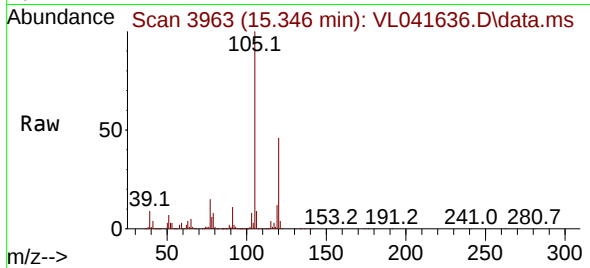
Tgt Ion:105 Resp: 3433852
Ion Ratio Lower Upper
105 100
120 30.2 24.1 36.1
91 13.5 10.2 15.2
77 13.6 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 10.082 ppbv
RT: 15.346 min Scan# 3957
Delta R.T. 0.019 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38

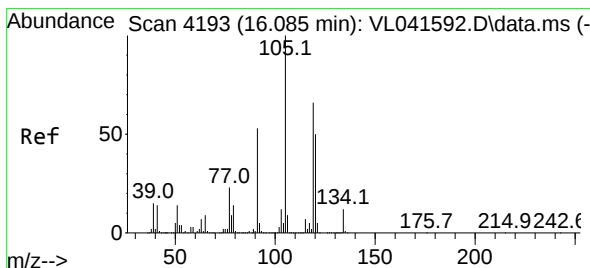
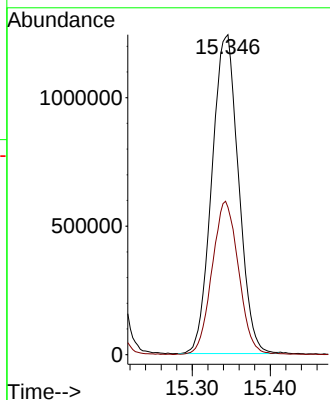
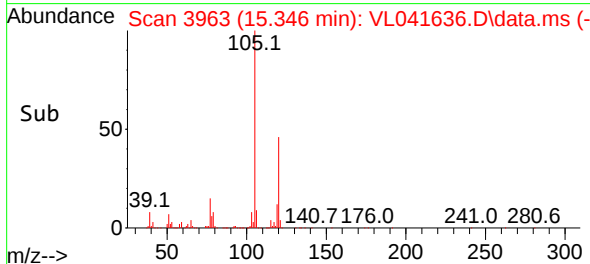
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01



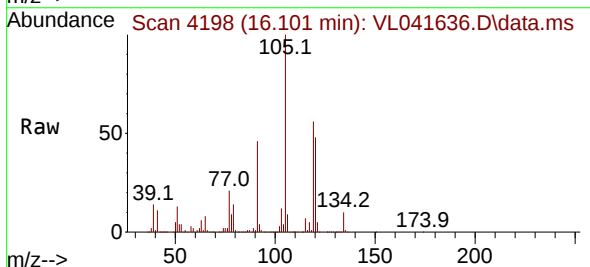
Tgt Ion:105 Resp: 2950770
Ion Ratio Lower Upper
105 100
120 46.0 39.4 59.0

Manual Integrations
APPROVED

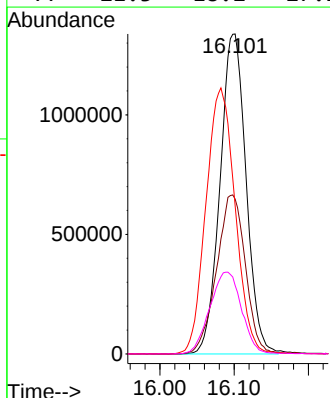
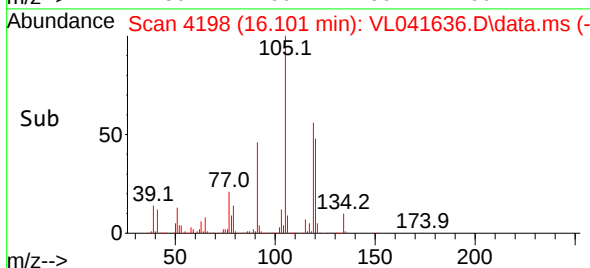
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

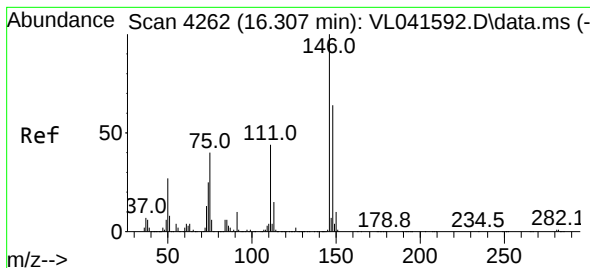


#74
1,2,4-Trimethylbenzene
Concen: 9.507 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.016 min
Lab File: VL041636.D
Acq: 10 Oct 2024 10:38



Tgt Ion:105 Resp: 3256921
Ion Ratio Lower Upper
105 100
120 48.3 39.9 59.9
91 46.0 42.6 63.8
77 21.3 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 9.142 ppbv

RT: 16.320 min Scan# 4311

Delta R.T. 0.013 min

Lab File: VL041636.D

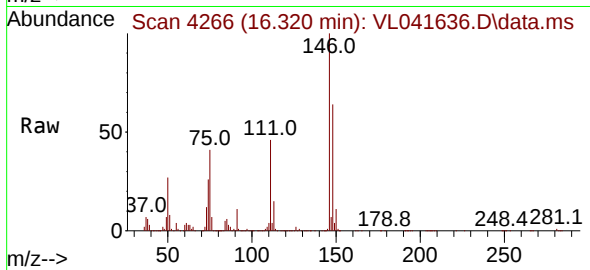
Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01



Tgt Ion:146 Resp: 196284

Ion Ratio Lower Upper

146 100

111 45.2 22.4 67.0

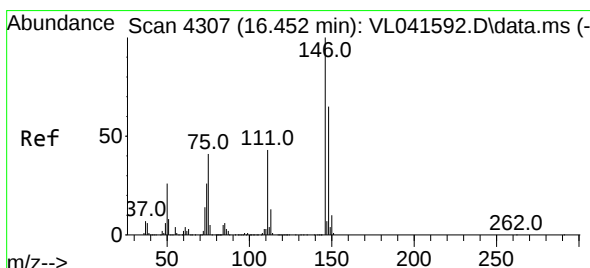
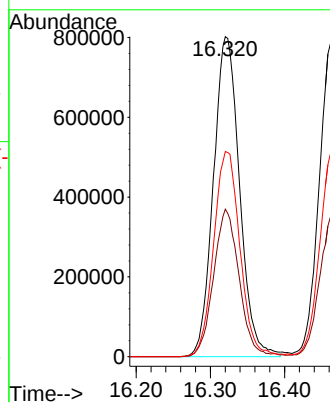
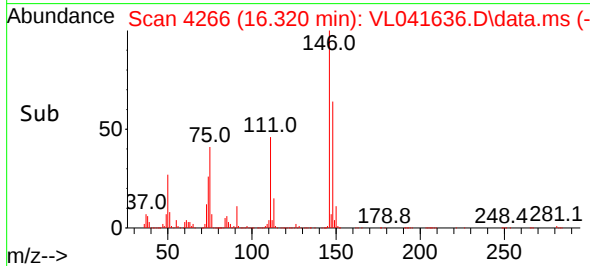
148 64.7 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#76

1,4-Dichlorobenzene

Concen: 9.372 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

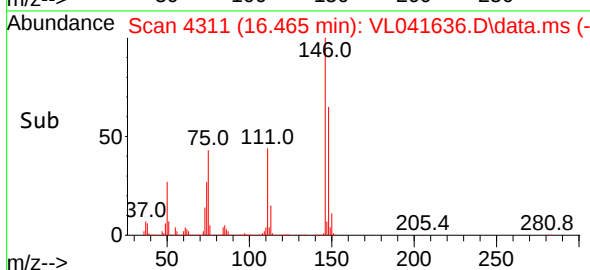
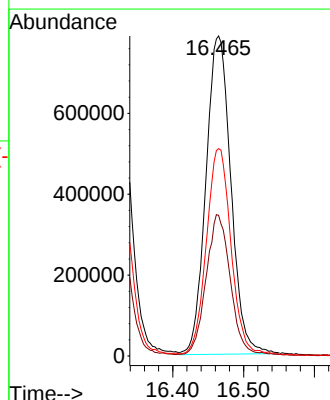
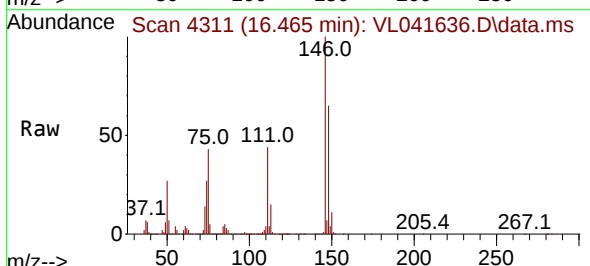
Tgt Ion:146 Resp: 1928062

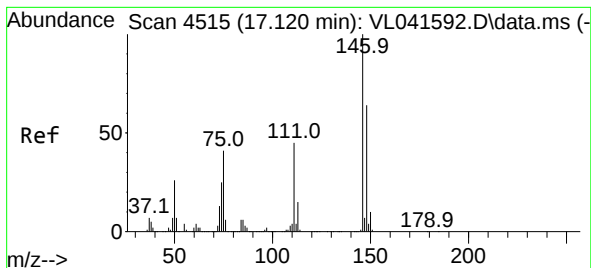
Ion Ratio Lower Upper

146 100

111 43.9 22.4 67.3

148 64.8 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 9.063 ppbv

RT: 17.134 min Scan# 4515

Delta R.T. 0.013 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

Tgt Ion:146 Resp: 1920970

Ion Ratio Lower Upper

146 100

111 46.0 23.4 70.0

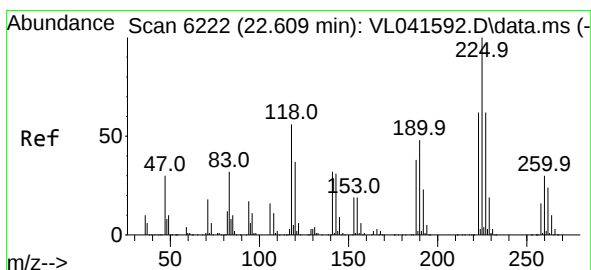
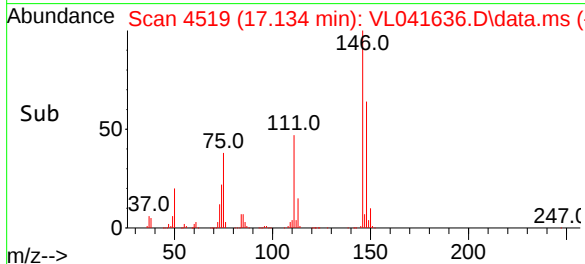
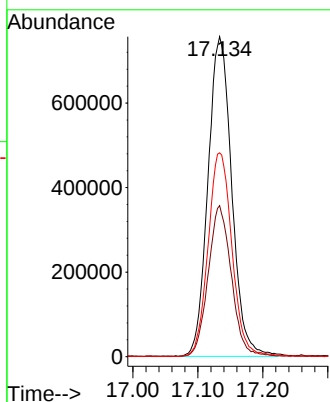
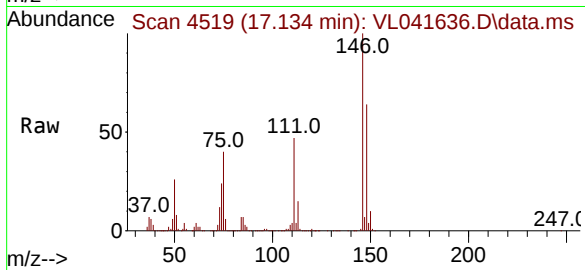
148 64.2 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.682 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. 0.016 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

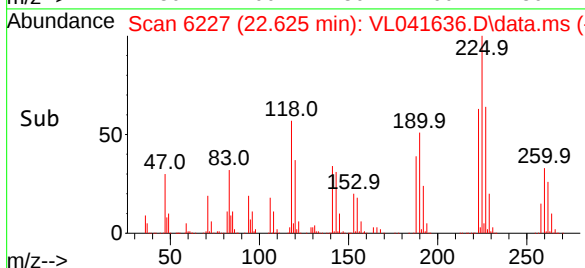
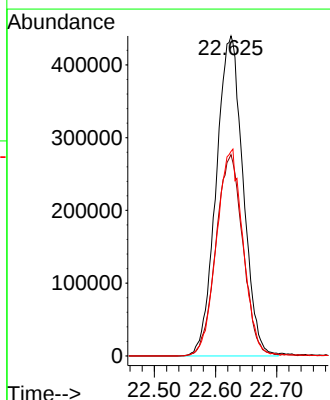
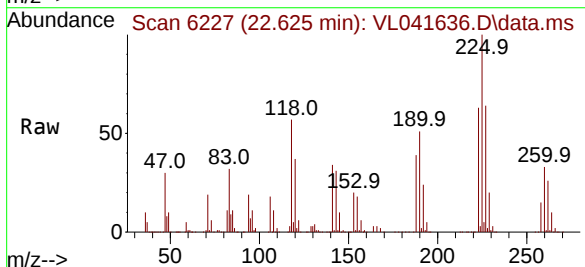
Tgt Ion:225 Resp: 1343127

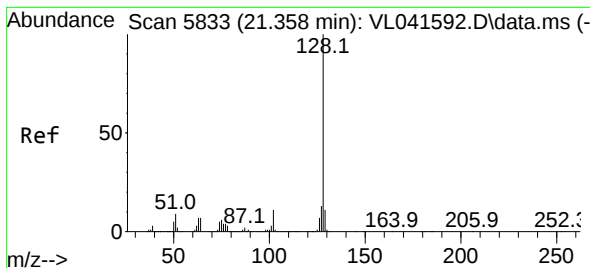
Ion Ratio Lower Upper

225 100

223 63.4 50.6 75.8

227 64.2 50.9 76.3





#79

Naphthalene

Concen: 10.056 ppbv

RT: 21.374 min Scan# 5838

Delta R.T. 0.016 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

Tgt Ion:128 Resp: 253528

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

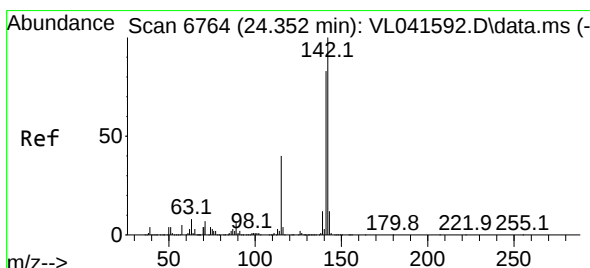
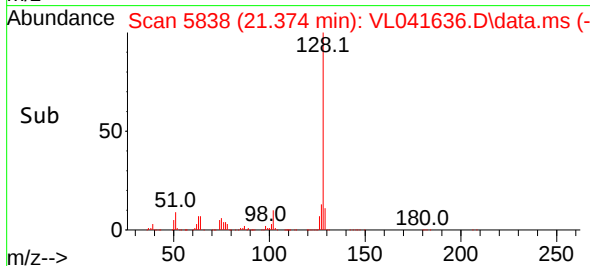
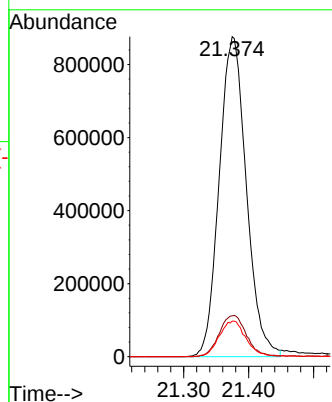
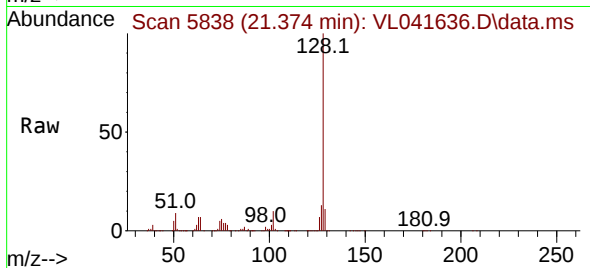
129 11.1 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#80

Naphthalene,2-methyl-

Concen: 4.959 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.016 min

Lab File: VL041636.D

Acq: 10 Oct 2024 10:38

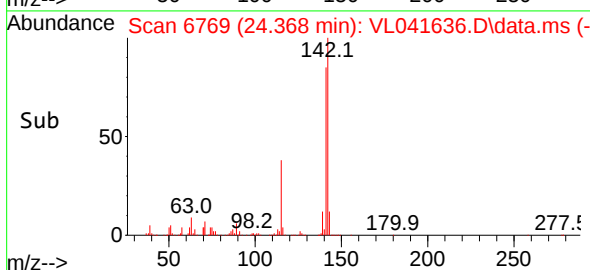
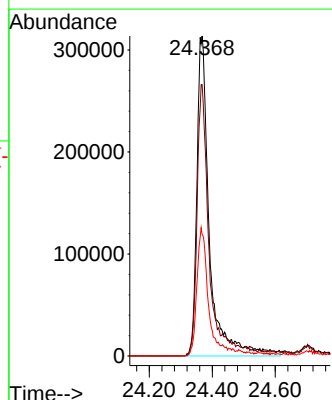
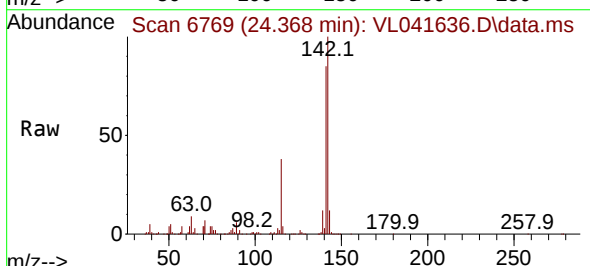
Tgt Ion:142 Resp: 876186

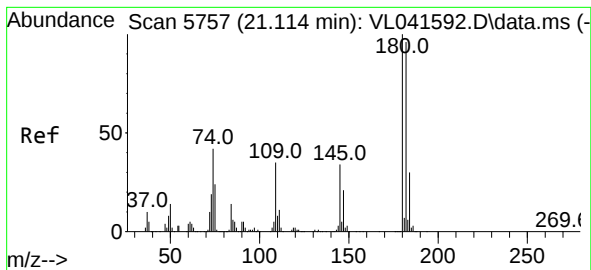
Ion Ratio Lower Upper

142 100

141 81.9 66.3 99.5

115 38.6 31.4 47.2





#81

1,2,4-Trichlorobenzene

Concen: 8.409 ppbv

RT: 21.133 min Scan# 51

Delta R.T. 0.019 min

Lab File: VL041636.D

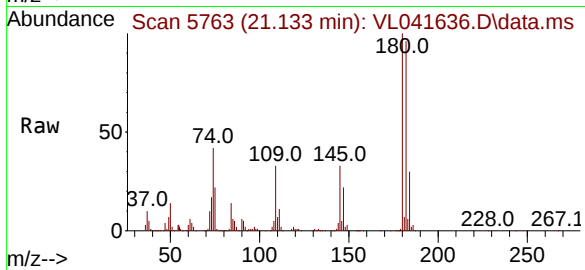
Acq: 10 Oct 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01



Tgt Ion:180 Resp: 134784

Ion Ratio Lower Upper

180 100

182 96.8 76.5 114.7

184 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024

