

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041662.D
 Acq On : 14 Oct 2024 11:02
 Operator : SY/MD
 Sample : VL1014ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1014ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 02:39:33 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	5.205	49	1108335	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	6.668	114	2963163	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.491	117	2950594m	10.000	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.799 95 2157989 9.935 ppbv 0.05
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.722	85	1145692	7.158	ppbv	100
3) Chlorodifluoromethane	2.668	51	1310086	9.745	ppbv	99
4) Chloromethane	2.809	50	719788	9.735	ppbv	99
5) Vinyl Chloride	2.915	62	702662	10.975	ppbv	99
6) Bromomethane	3.118	94	255661	8.027	ppbv	98
7) Chloroethane	3.195	64	243123	9.764	ppbv	100
8) Dichlorotetrafluoroethane	2.851	85	1660268	9.888	ppbv	100
9) Propene	2.687	41	601524	10.608	ppbv	100
10) Heptane	7.597	43	1497343	11.278	ppbv	100
11) Trichlorofluoromethane	3.562	101	1638422	9.620	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.070	101	1209387	9.804	ppbv	99
13) Ethanol	3.250	45	25964m	6.091	ppbv	
14) Bromoethene	3.362	108	490120	10.478	ppbv	99
15) Acetone	3.468	43	1216859	8.745	ppbv	99
16) 1,3-Butadiene	2.980	39	697703	10.309	ppbv	97
17) tert-Butyl alcohol	3.880	59	1247539	10.195	ppbv	99
18) 1,1-Dichloroethene	3.883	96	536176	10.267	ppbv	98
19) Isopropyl Alcohol	3.578	45	669012	9.392	ppbv #	98
20) Methylene Chloride	3.935	84	432714	8.278	ppbv	93
21) Allyl Chloride	3.999	41	835610	10.361	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	529705	10.168	ppbv	99
23) Vinyl Acetate	4.632	43	878250	11.475	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1187574	10.338	ppbv	100
25) Ethyl Acetate	5.214	43	2658560	10.643	ppbv	99
26) Hexane	5.221	57	1083358	10.400	ppbv	99
27) Carbon Disulfide	4.128	76	1283235	11.588	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	665747	10.366	ppbv	99
29) Chloroform	5.285	83	1702002	9.984	ppbv	97
30) Cyclohexane	6.619	84	915770	11.404	ppbv	99
31) cis-1,2-Dichloroethene	5.089	61	1035844	10.474	ppbv	99
32) 1,1,1-Trichloroethane	6.015	97	1684176	11.092	ppbv	99
34) 2-Butanone	4.793	43	1385663	9.807	ppbv	99
35) Carbon Tetrachloride	6.507	117	1746265	12.011	ppbv	100
36) Benzene	6.385	78	2302124	11.187	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1275743	10.685	ppbv	99
38) Trichloroethene	7.307	130	1161316	10.958	ppbv	99
39) 1,2-Dichloropropane	7.089	63	896567	10.709	ppbv	98
40) 1,4-Dioxane	7.307	88	351904	11.151	ppbv #	99
41) Tetrahydrofuran	5.568	42	919479	11.825	ppbv	100
42) Bromodichloromethane	7.266	83	1834480	11.043	ppbv	99
43) Methyl Methacrylate	7.494	69	902852	12.260	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	3928081	11.033	ppbv	100
45) t-1,3-Dichloropropene	8.729	75	686411	11.561	ppbv	98

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

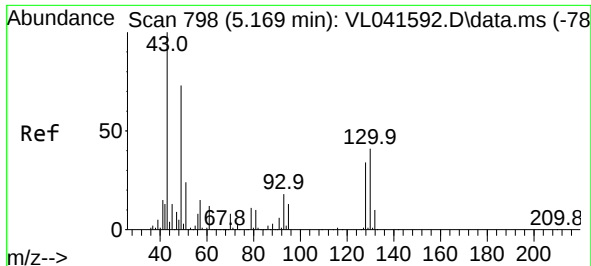
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

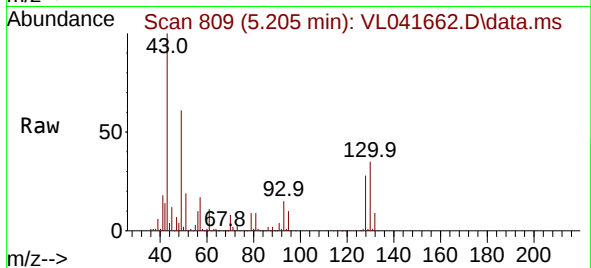
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	986486	11.341	ppbv	99
47) 1,1,2-Trichloroethane	8.918	97	953812	10.730	ppbv	99
48) Dibromochloromethane	9.732	129	1556080	11.554	ppbv	100
49) Bromoform	12.433	173	1337606	11.570	ppbv	99
50) 4-Methyl-2-Pentanone	8.198	43	2599545	11.914	ppbv	99
51) 2-Hexanone	9.571	43	2038924	12.354	ppbv	100
52) Tetrachloroethene	10.639	164	845842	11.351	ppbv	97
53) Toluene	9.240	91	2657525	12.166	ppbv	100
54) 1,2-Dibromoethane	10.031	107	1251918	11.437	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.529	131	1161496	10.082	ppbv	99
57) Chlorobenzene	11.552	112	2072182	9.741	ppbv	98
58) Ethyl Benzene	12.111	91	3564325	11.285	ppbv	99
59) m/p-Xylene	12.394	91	6050276m	21.522	ppbv	
60) o-Xylene	13.079	91	2940555	10.910	ppbv	100
61) Styrene	12.918	104	1389742	12.342	ppbv	100
62) Isopropylbenzene	14.053	105	4251841	10.413	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.069	83	1519552	11.027	ppbv	99
64) n-propylbenzene	14.937	120	1134283	10.756	ppbv	99
65) tert-Butylbenzene	16.114	119	3818025	10.201	ppbv	100
66) Benzyl Chloride	16.349	91	206302	10.602	ppbv	95
67) sec-Butylbenzene	16.661	105	5353060	10.308	ppbv	100
69) p-Isopropyltoluene	17.018	119	4451290	10.590	ppbv	100
70) n-Butylbenzene	17.908	91	4571641	10.382	ppbv	100
71) 2-Chlorotoluene	14.825	91	3185904	10.604	ppbv	99
72) 4-Ethyltoluene	15.214	105	3484380	11.060	ppbv	99
73) 1,3,5-Trimethylbenzene	15.375	105	2987131	10.737	ppbv	98
74) 1,2,4-Trimethylbenzene	16.134	105	3325802	10.214	ppbv	95
75) 1,3-Dichlorobenzene	16.355	146	1996430	9.783	ppbv	100
76) 1,4-Dichlorobenzene	16.497	146	1937729	9.909	ppbv	100
77) 1,2-Dichlorobenzene	17.169	146	1943634	9.647	ppbv	99
78) Hexachloro-1,3-Butadiene	22.664	225	1356495	8.162	ppbv	100
79) Naphthalene	21.413	128	2594745	10.827	ppbv	99
80) Naphthalene,2-methyl-	24.394	142	833531	4.964	ppbv	99
81) 1,2,4-Trichlorobenzene	21.165	180	1375748	9.030	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.036 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

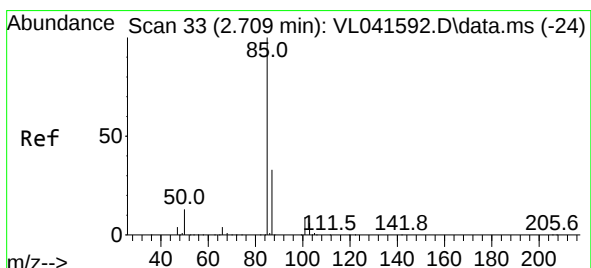
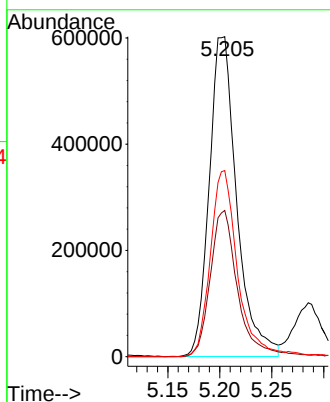
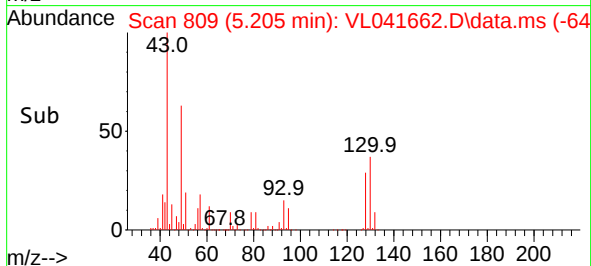
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



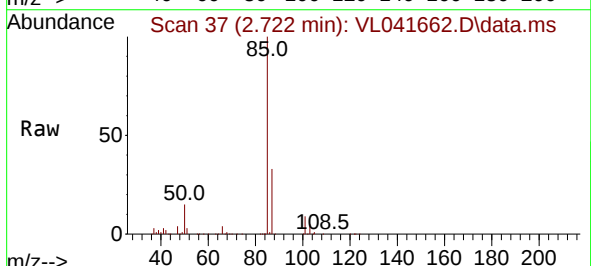
Tgt Ion: 49 Resp: 110833
Ion Ratio Lower Upper
49 100
128 46.3 23.8 71.5
130 59.3 30.4 91.3

Manual Integrations
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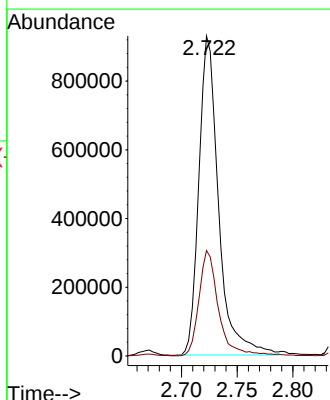
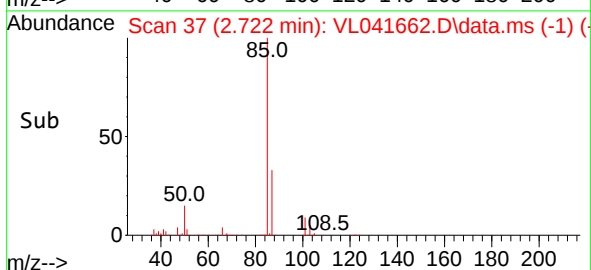
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

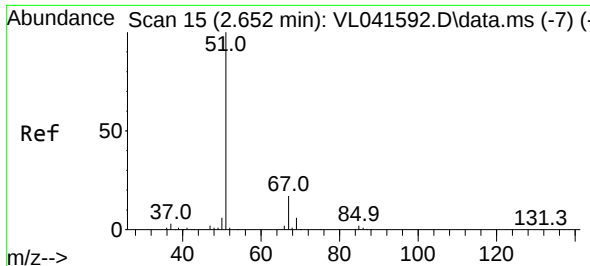


#2
Dichlorodifluoromethane
Concen: 7.158 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.013 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02



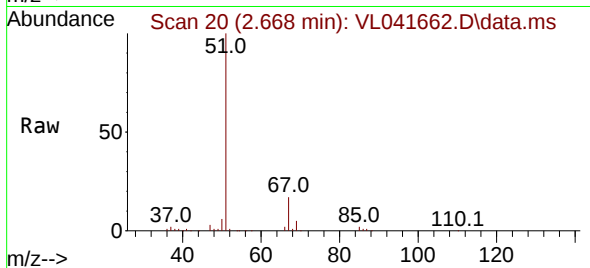
Tgt Ion: 85 Resp: 1145692
Ion Ratio Lower Upper
85 100
87 33.0 26.3 39.5





#3
Chlorodifluoromethane
Concen: 9.745 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

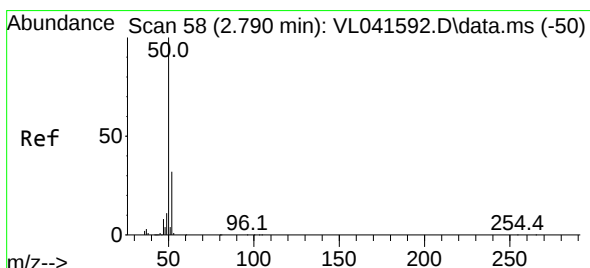
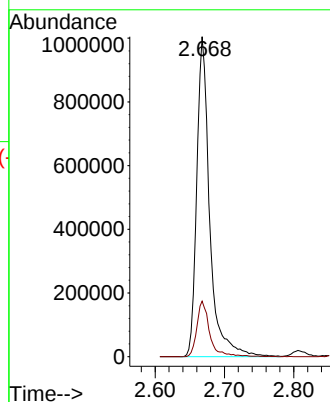
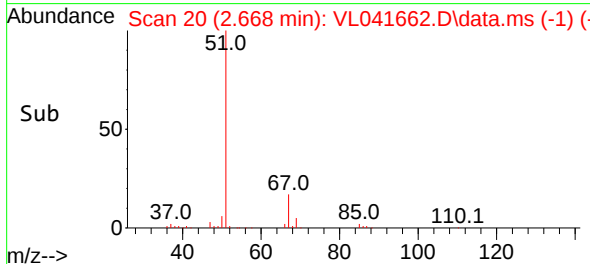
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



Tgt Ion: 51 Resp: 131086
Ion Ratio Lower Upper
51 100
67 17.3 14.1 21.1

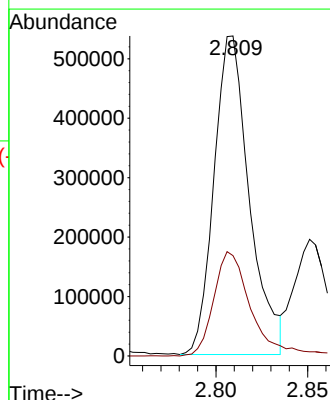
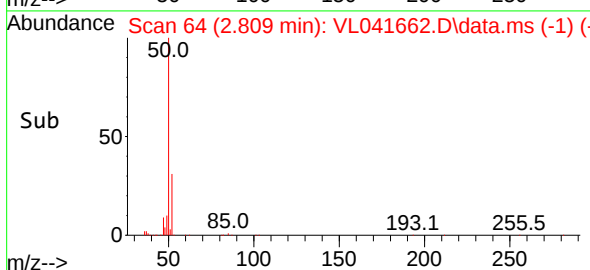
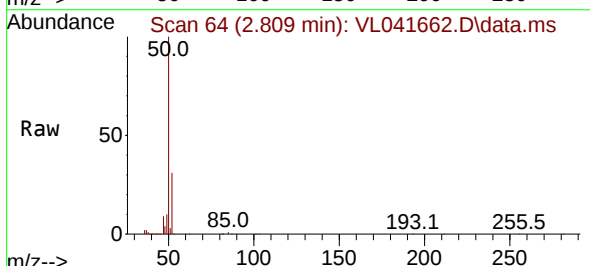
Manual Integrations
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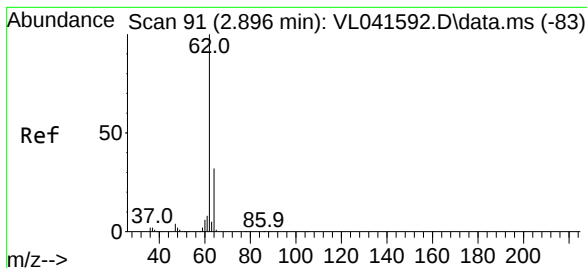
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#4
Chloromethane
Concen: 9.735 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.019 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

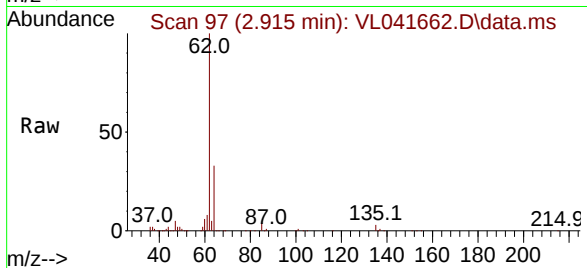
Tgt Ion: 50 Resp: 719788
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.2





#5
 Vinyl Chloride
 Concen: 10.975 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.019 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

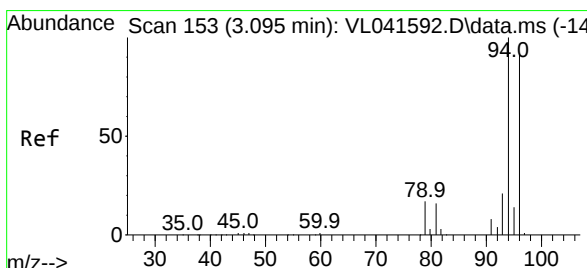
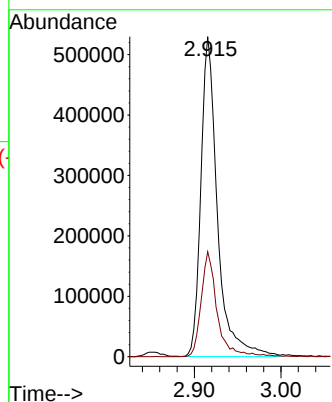
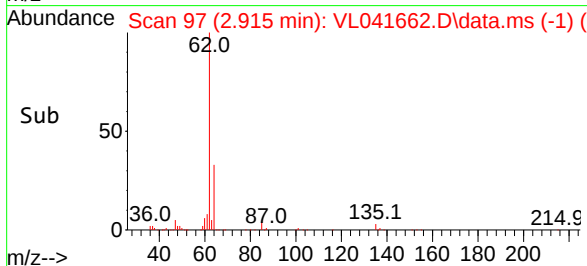
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1014ABS01



Tgt Ion: 62 Resp: 702662
 Ion Ratio Lower Upper
 62 100
 64 32.8 26.0 39.0

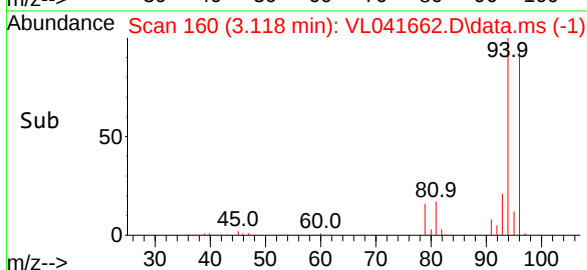
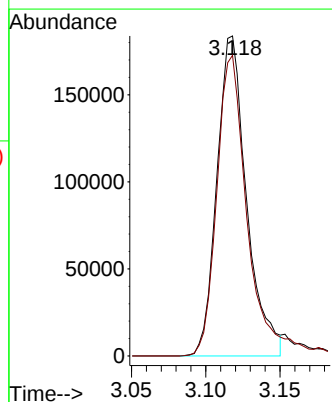
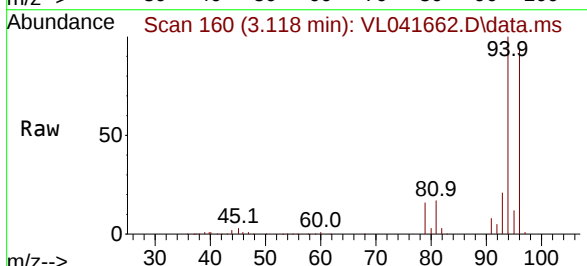
Manual Integrations
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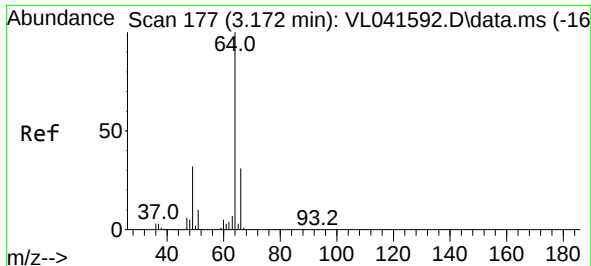
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#6
 Bromomethane
 Concen: 8.027 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.023 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

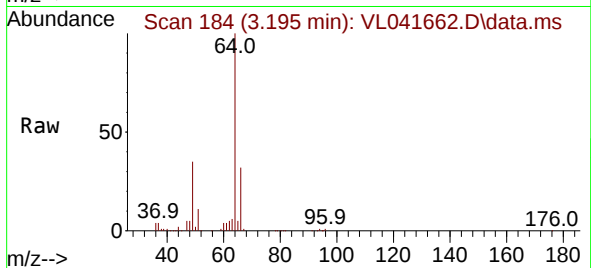
Tgt Ion: 94 Resp: 255661
 Ion Ratio Lower Upper
 94 100
 96 94.0 73.4 110.2





#7
Chloroethane
Concen: 9.764 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

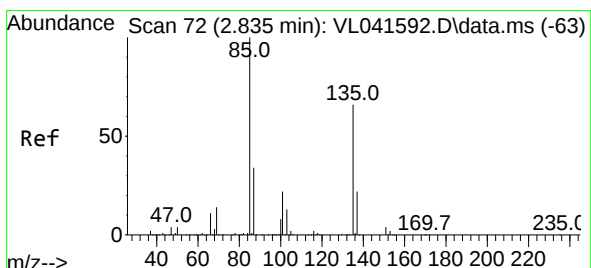
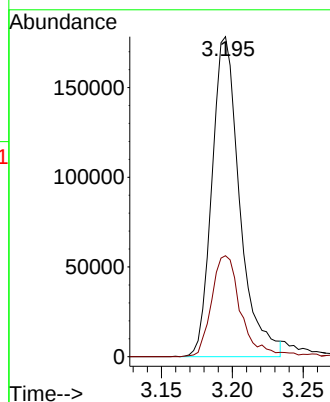
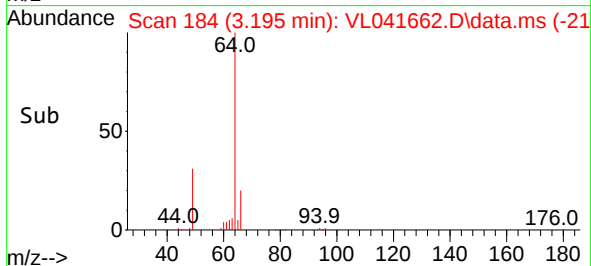
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



Tgt Ion: 64 Resp: 24312
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7

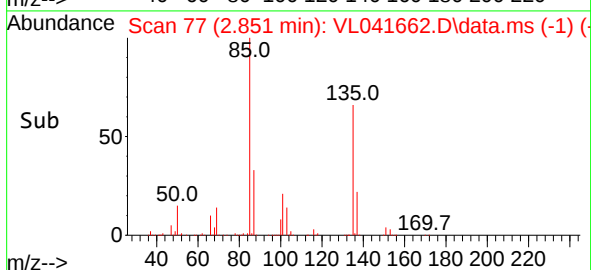
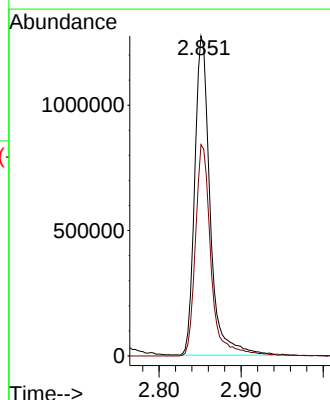
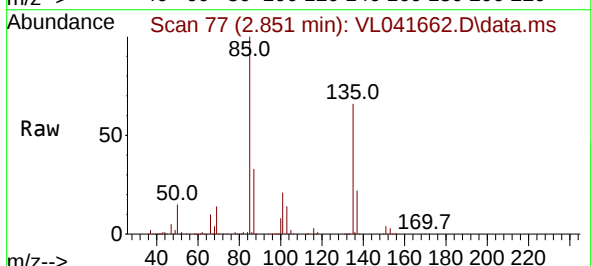
Manual Integrations
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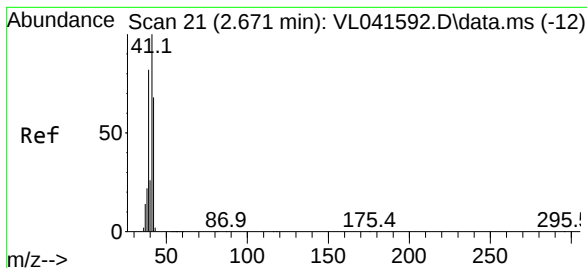
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#8
Dichlorotetrafluoroethane
Concen: 9.888 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.016 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

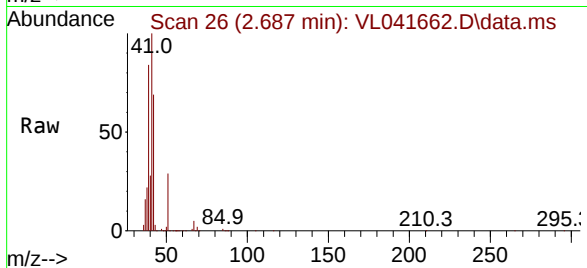
Tgt Ion: 85 Resp: 1660268
Ion Ratio Lower Upper
85 100
135 67.4 53.9 80.9





#9
 Propene
 Concen: 10.608 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.016 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

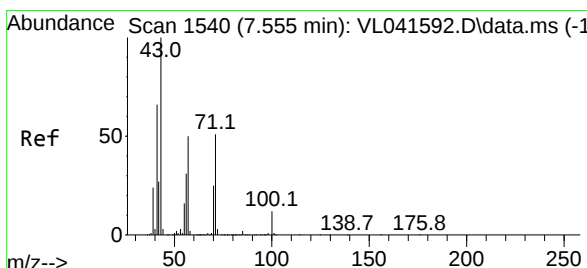
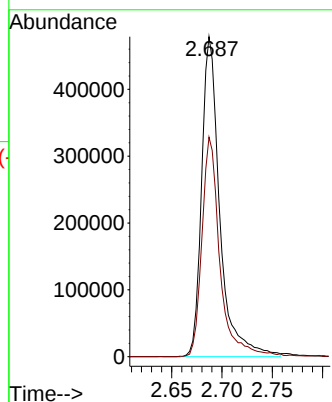
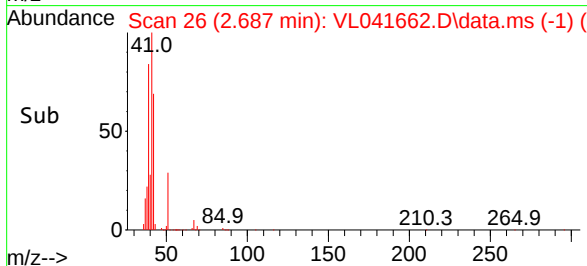
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1014ABS01



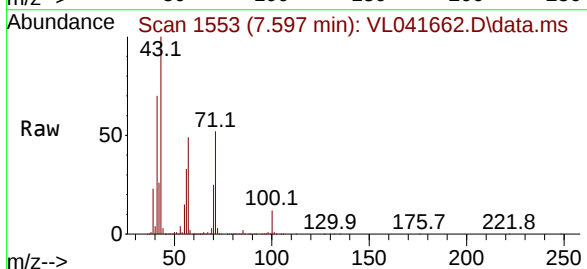
Tgt Ion: 41 Resp: 601524
 Ion Ratio Lower Upper
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 42 68.6 55.2 82.8

Manual Integrations
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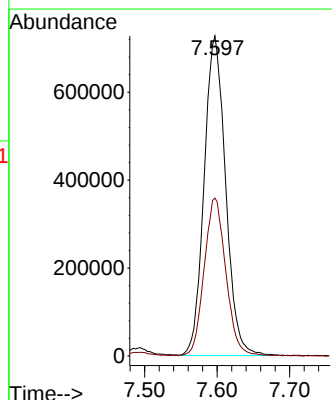
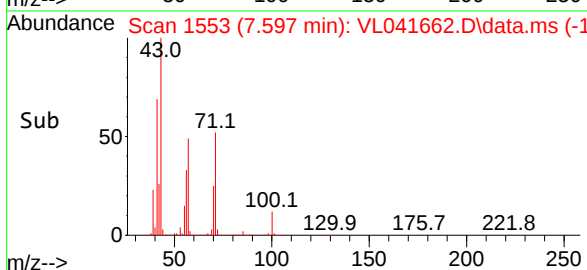
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

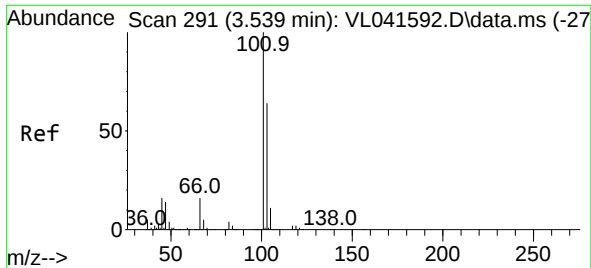


#10
 Heptane
 Concen: 11.278 ppbv
 RT: 7.597 min Scan# 1553
 Delta R.T. 0.042 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02



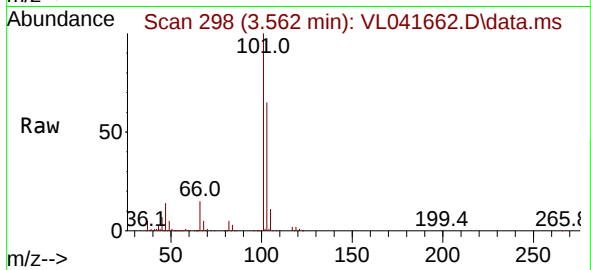
Tgt Ion: 43 Resp: 1497343
 Ion Ratio Lower Upper
 43 100
 57 49.7 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 9.620 ppbv
 RT: 3.562 min Scan# 291
 Delta R.T. 0.023 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

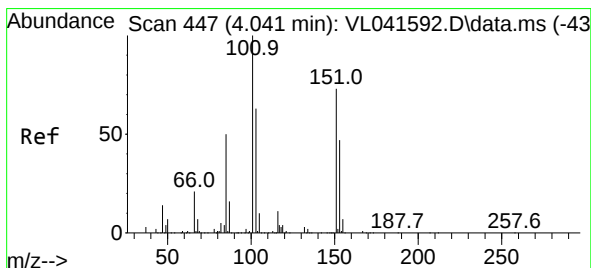
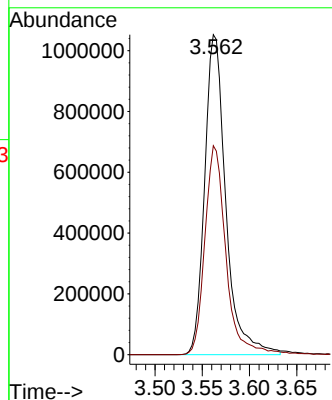
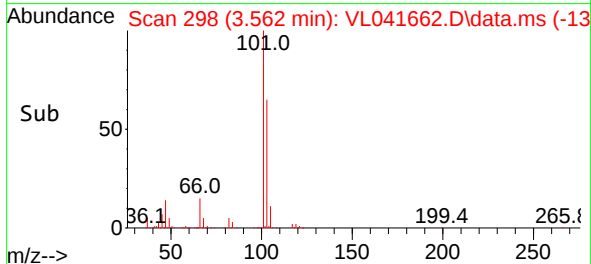
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1014ABS01



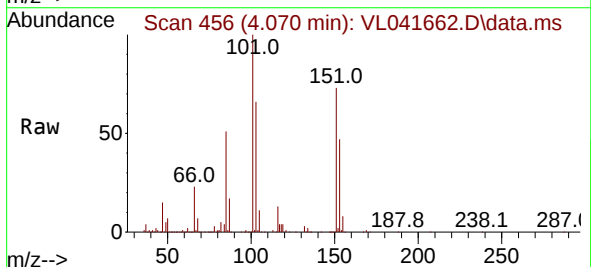
Tgt Ion:101 Resp: 163842
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.2 76.8

Manual Integrations
 APPROVED

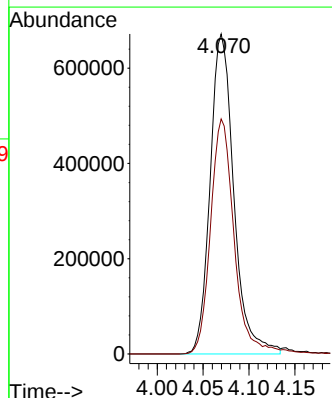
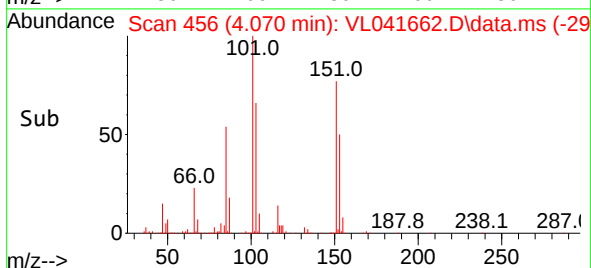
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

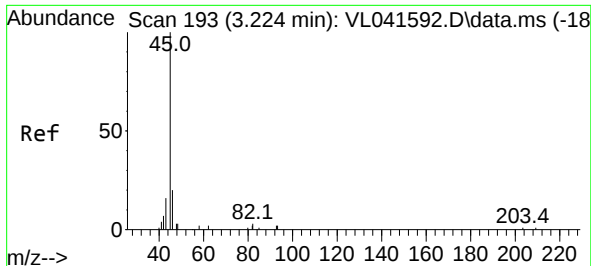


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.804 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.029 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02



Tgt Ion:101 Resp: 1209387
 Ion Ratio Lower Upper
 101 100
 151 73.5 59.4 89.2





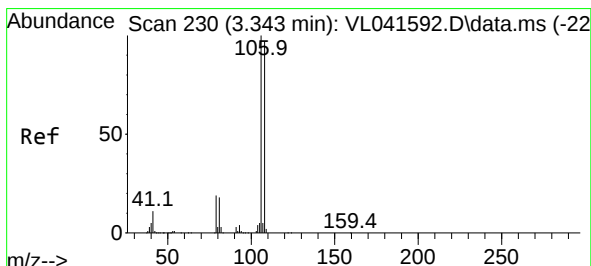
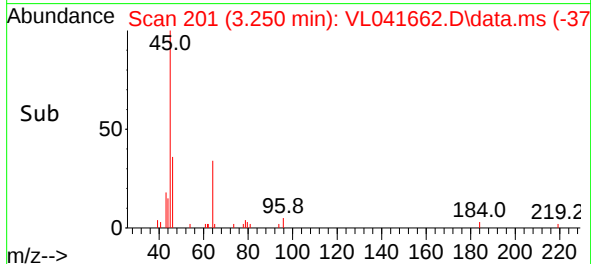
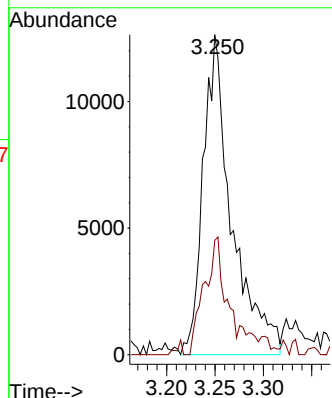
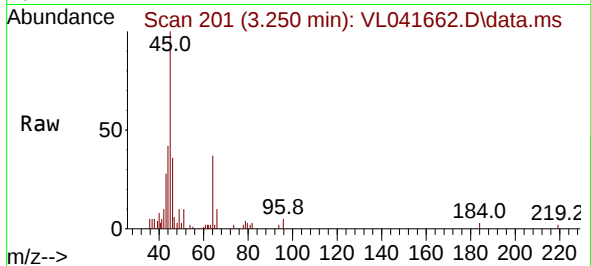
#13
Ethanol
Concen: 6.091 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.026 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01

Tgt Ion: 45 Resp: 25964
Ion Ratio Lower Upper
45 100
46 36.8 15.2 60.8

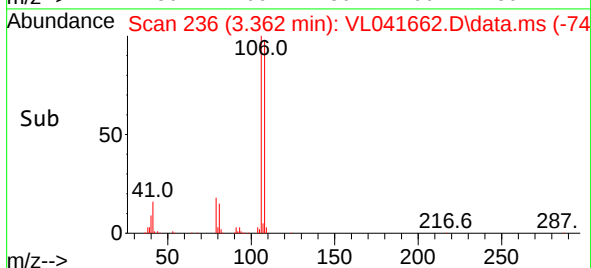
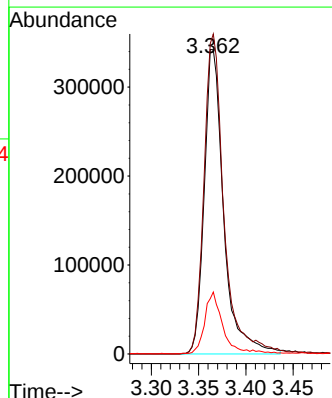
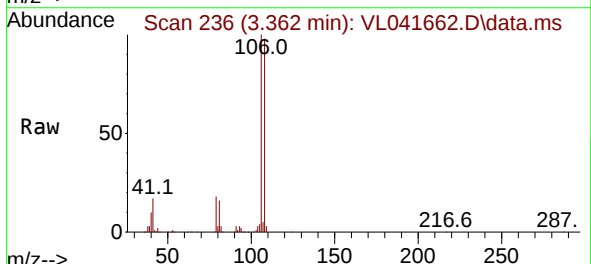
Manual Integrations
APPROVED

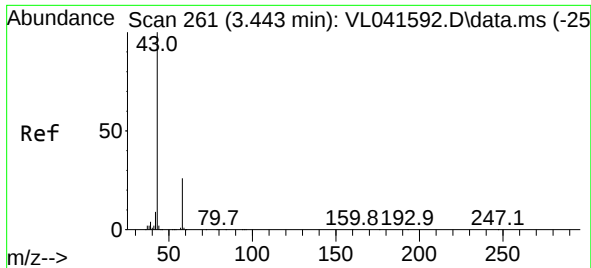
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#14
Bromoethene
Concen: 10.478 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.019 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion:108 Resp: 490120
Ion Ratio Lower Upper
108 100
106 108.5 86.5 129.7
79 19.4 16.2 24.4





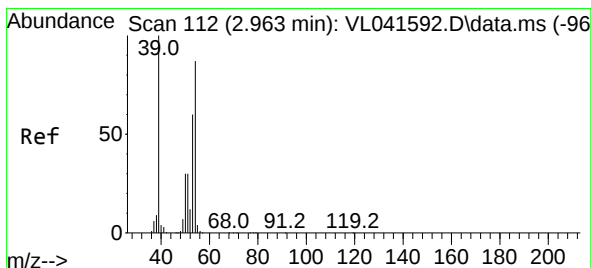
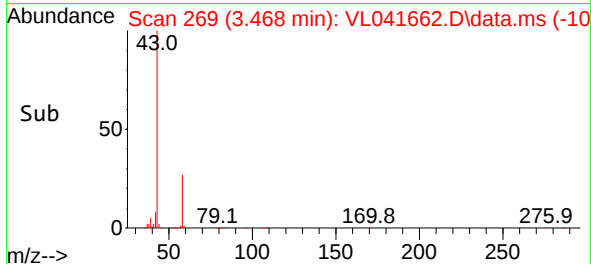
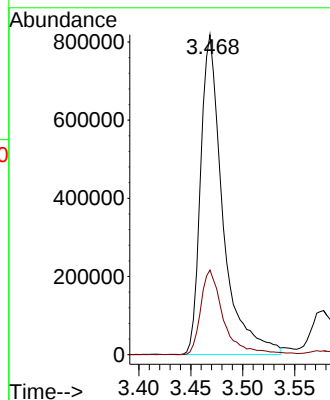
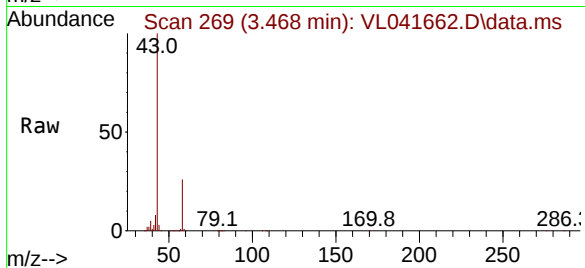
#15
Acetone
Concen: 8.745 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01

Tgt Ion: 43 Resp: 121685
Ion Ratio Lower Upper
43 100
58 27.3 21.5 32.3

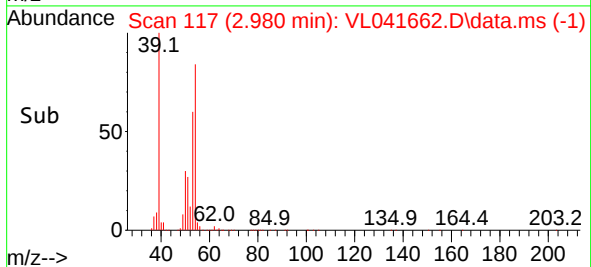
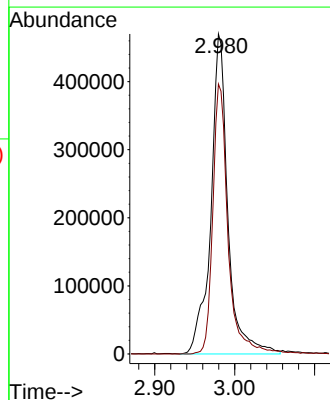
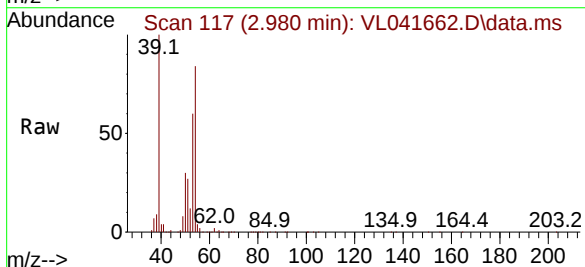
Manual Integrations
APPROVED

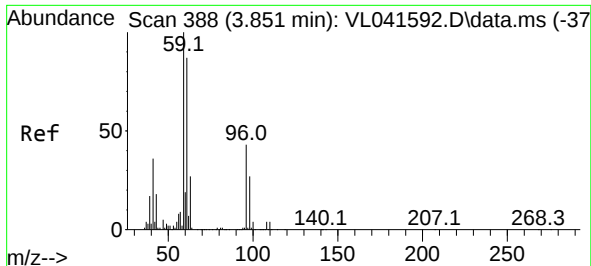
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#16
1,3-Butadiene
Concen: 10.309 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.016 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

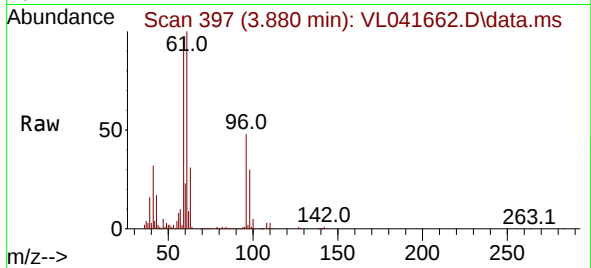
Tgt Ion: 39 Resp: 697703
Ion Ratio Lower Upper
39 100
54 75.8 62.9 94.3





#17
tert-Butyl alcohol
Concen: 10.195 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.029 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

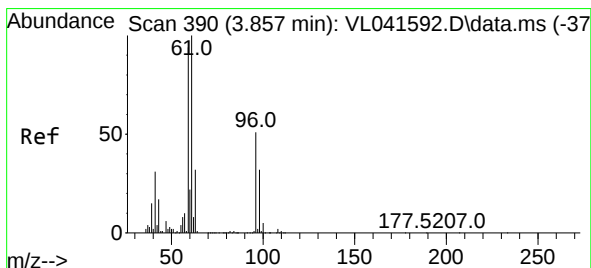
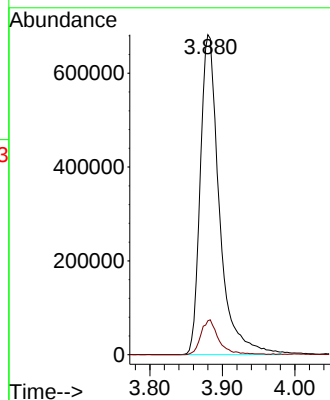
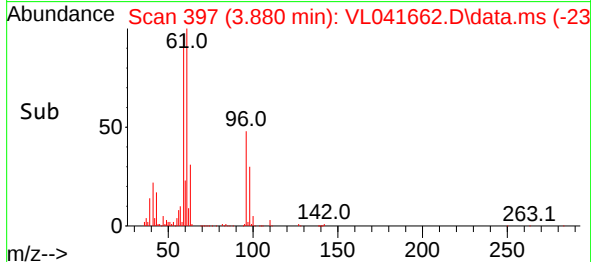
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



Tgt Ion: 59 Resp: 1247539
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

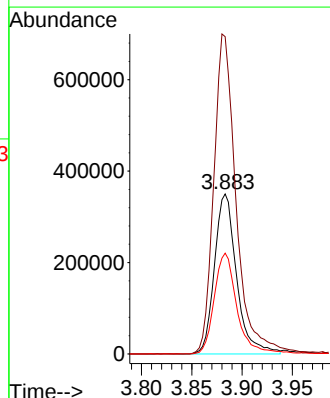
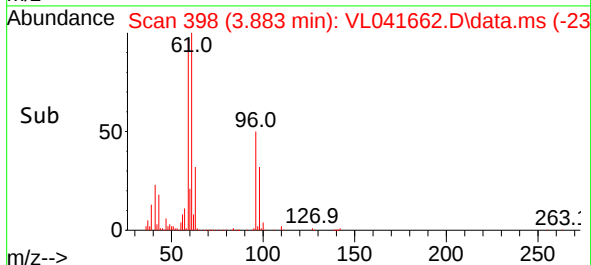
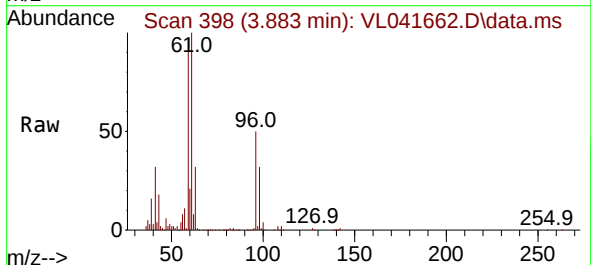
Manual Integrations
APPROVED

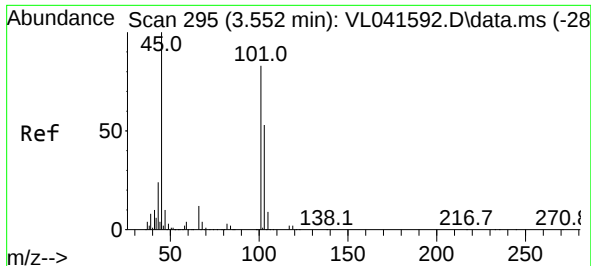
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#18
1,1-Dichloroethene
Concen: 10.267 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.026 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 96 Resp: 536176
Ion Ratio Lower Upper
96 100
61 198.3 155.6 233.4
98 62.9 50.6 75.8





#19

Isopropyl Alcohol

Concen: 9.392 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.026 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL1014ABS01

Tgt Ion: 45 Resp: 669012

Ion Ratio Lower Upper

45 100

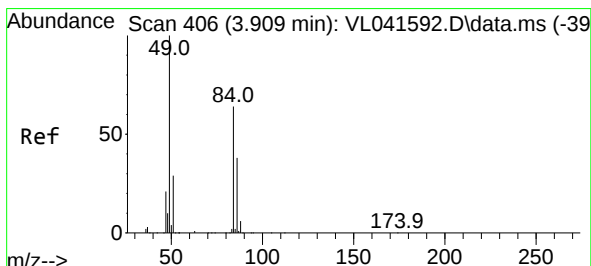
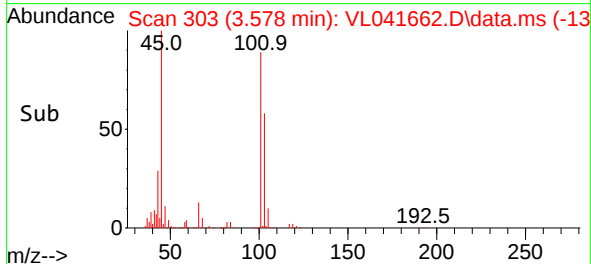
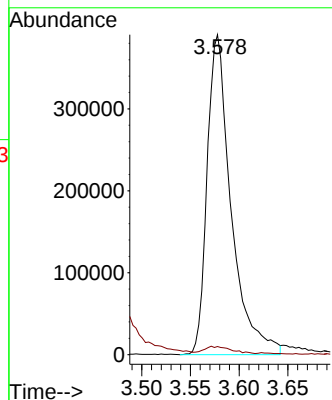
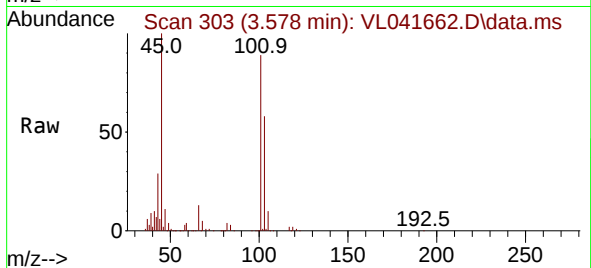
58 3.2 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#20

Methylene Chloride

Concen: 8.278 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.026 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Tgt Ion: 84 Resp: 432714

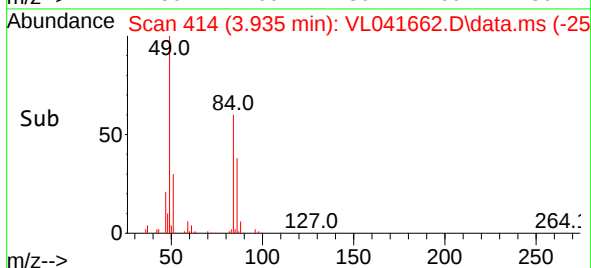
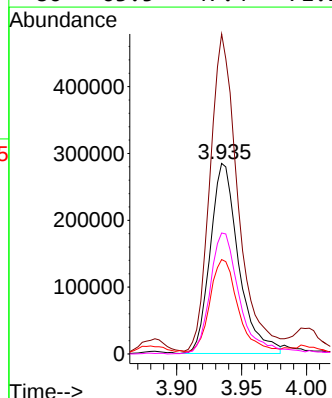
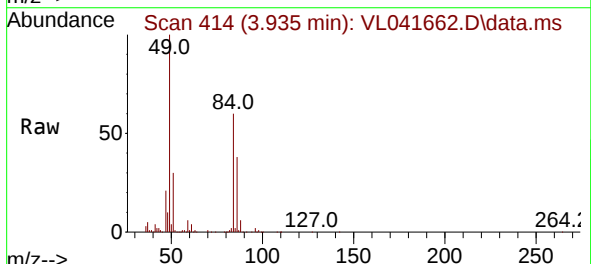
Ion Ratio Lower Upper

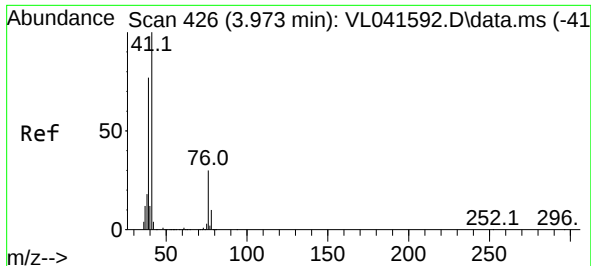
84 100

49 166.5 124.3 186.5

51 47.9 36.3 54.5

86 63.5 47.4 71.2





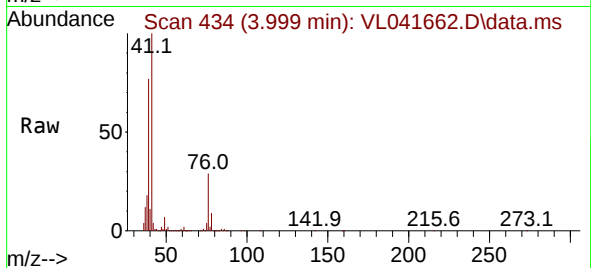
#21
 Allyl Chloride
 Concen: 10.361 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL1014ABS01

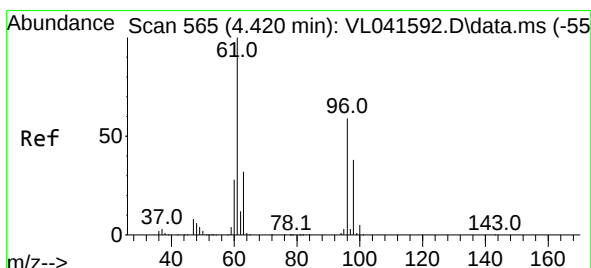
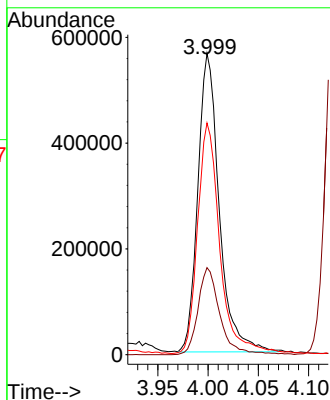
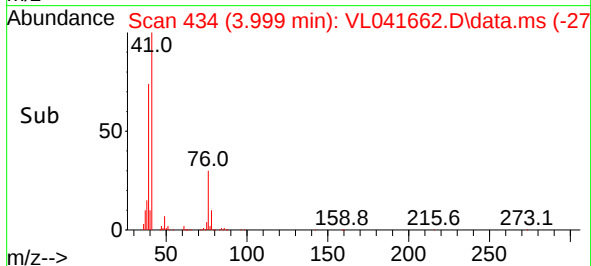


Tgt Ion: 41 Resp: 835610
 Ion Ratio Lower Upper
 41 100
 76 29.7 23.8 35.6
 39 80.6 63.9 95.9

Manual Integrations

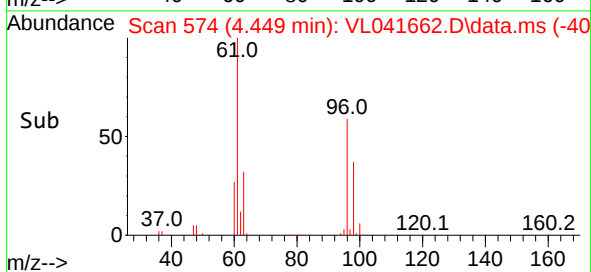
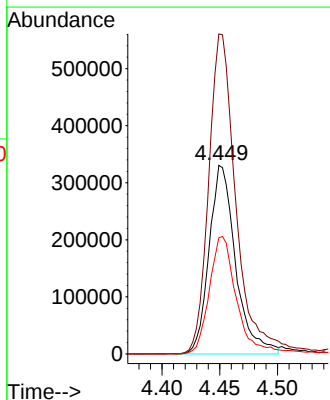
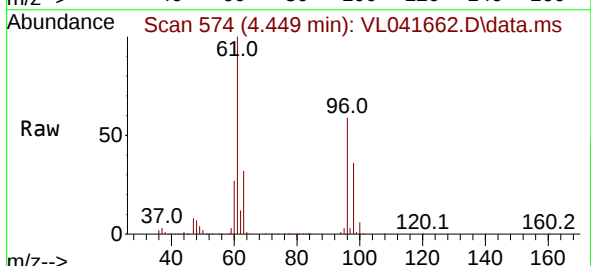
APPROVED

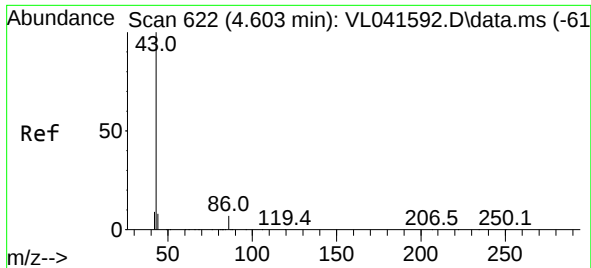
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.168 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.029 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Tgt Ion: 96 Resp: 529705
 Ion Ratio Lower Upper
 96 100
 61 169.5 135.7 203.5
 98 61.5 50.9 76.3





#23
 Vinyl Acetate
 Concen: 11.475 ppbv
 RT: 4.632 min Scan# 612
 Delta R.T. 0.029 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

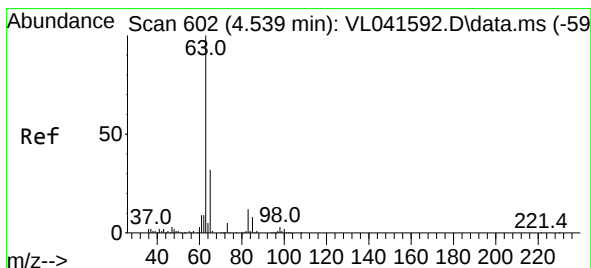
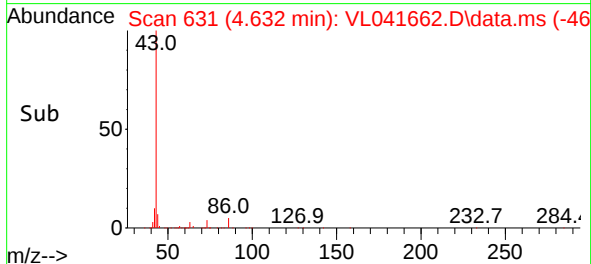
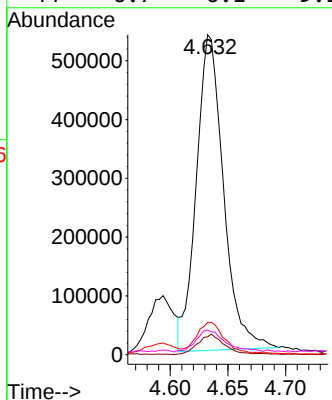
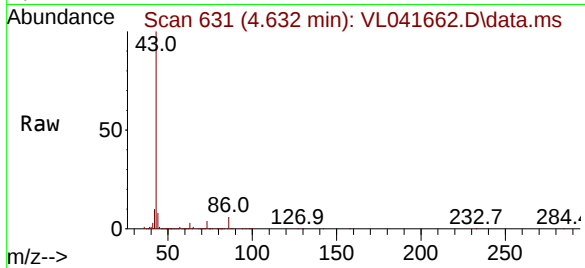
VL1014ABS01

Tgt Ion: 43 Resp: 878250
 Ion Ratio Lower Upper
 43 100
 86 5.5 4.9 7.3
 42 9.9 8.0 12.0
 44 6.7 6.1 9.1

Manual Integrations

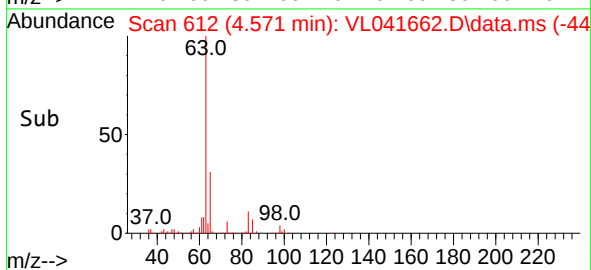
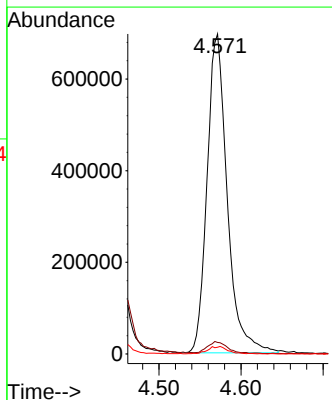
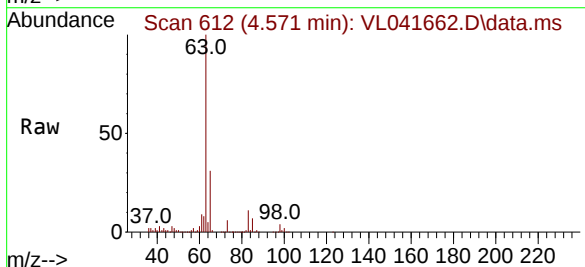
APPROVED

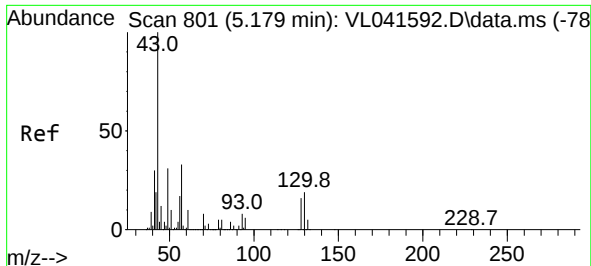
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#24
 1,1-Dichloroethane
 Concen: 10.338 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.032 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Tgt Ion: 63 Resp: 1187574
 Ion Ratio Lower Upper
 63 100
 98 3.4 1.7 5.1
 100 2.1 1.1 3.3





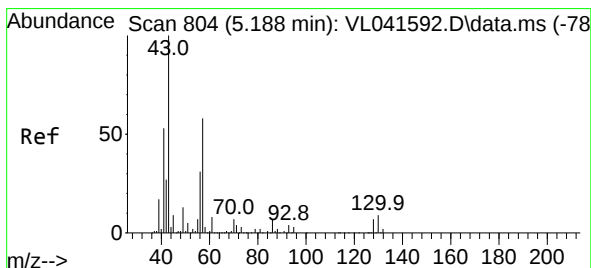
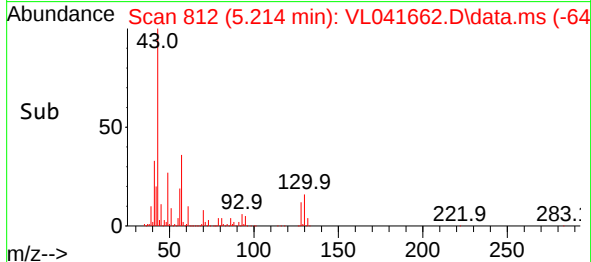
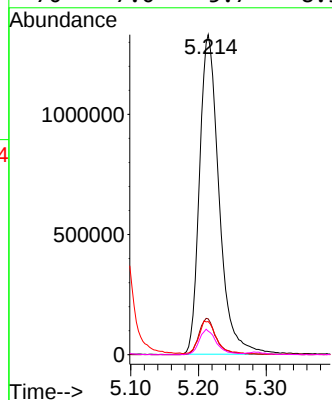
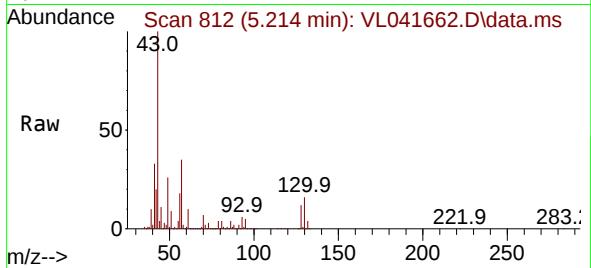
#25
Ethyl Acetate
Concen: 10.643 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.036 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01

Tgt Ion: 43 Resp: 2658560
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.2
61 10.4 8.0 12.0
70 7.0 5.7 8.5

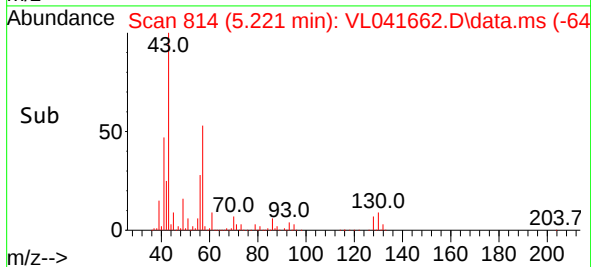
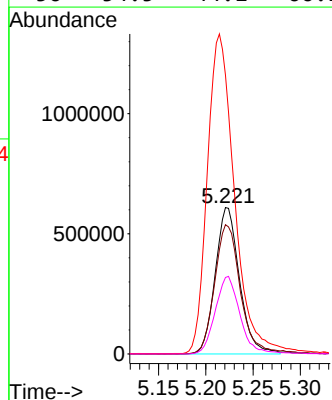
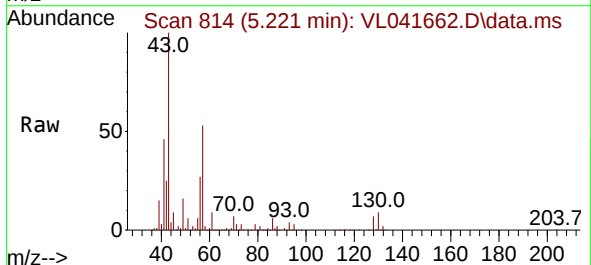
Manual Integrations
APPROVED

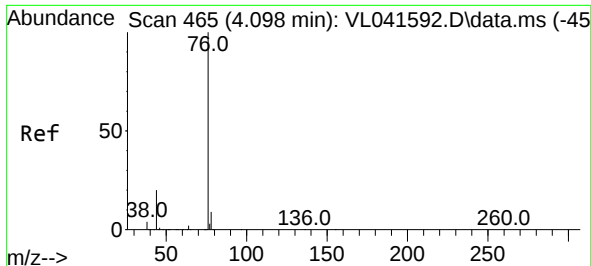
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#26
Hexane
Concen: 10.400 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.032 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

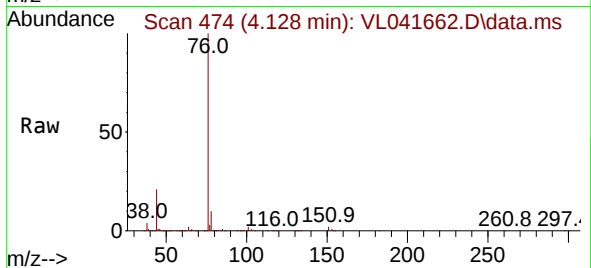
Tgt Ion: 57 Resp: 1083358
Ion Ratio Lower Upper
57 100
41 94.9 75.7 113.5
43 246.6 198.5 297.7
56 54.5 44.1 66.1





#27
Carbon Disulfide
Concen: 11.588 ppbv
RT: 4.128 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

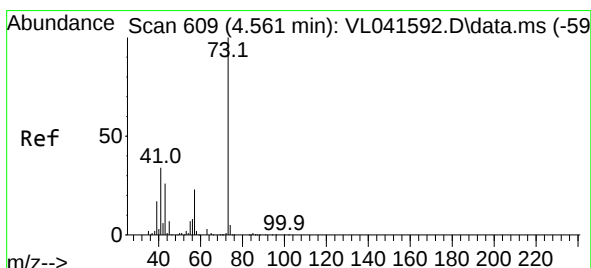
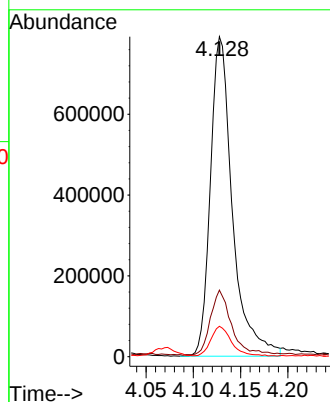
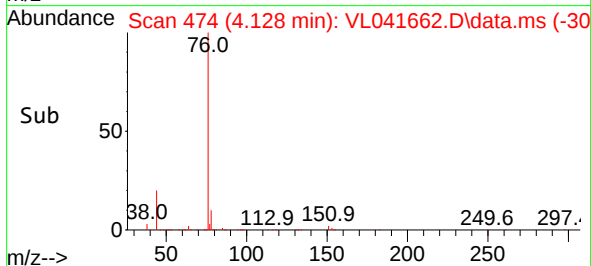
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



Tgt Ion: 76 Resp: 128323
Ion Ratio Lower Upper
76 100
44 19.6 15.8 23.8
78 10.0 7.5 11.3

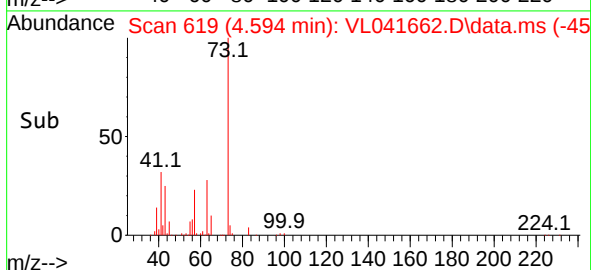
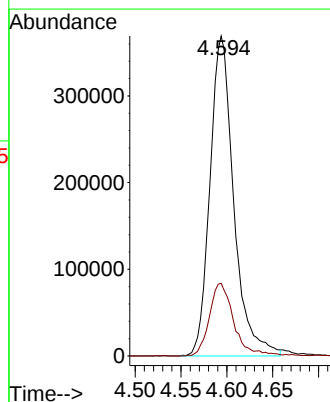
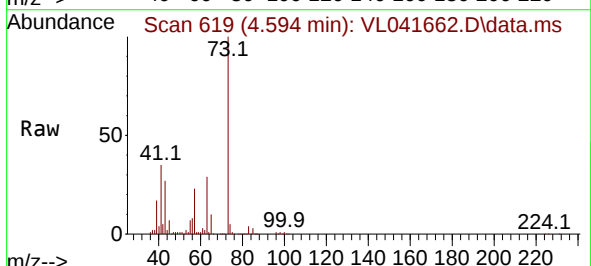
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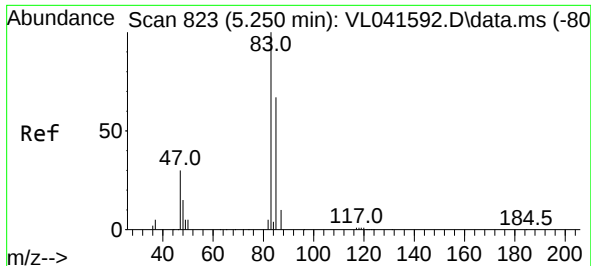
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#28
Methyl tert-Butyl Ether
Concen: 10.366 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.032 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 73 Resp: 665747
Ion Ratio Lower Upper
73 100
57 23.5 19.3 28.9





#29

Chloroform

Concen: 9.984 ppbv

RT: 5.285 min Scan# 81

Delta R.T. 0.036 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL1014ABS01

Tgt Ion: 83 Resp: 170200

Ion Ratio Lower Upper

83 100

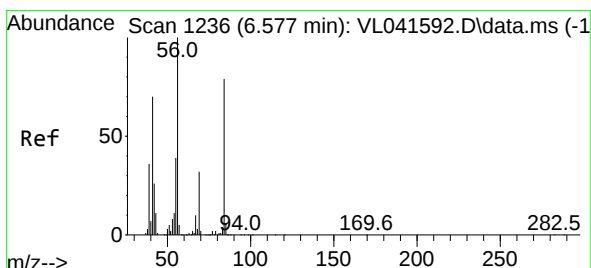
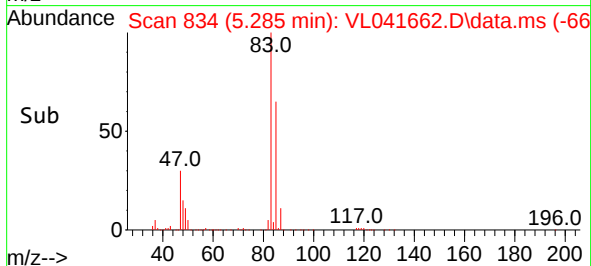
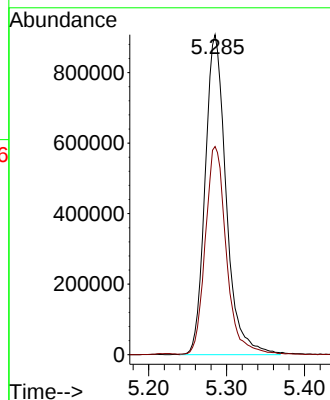
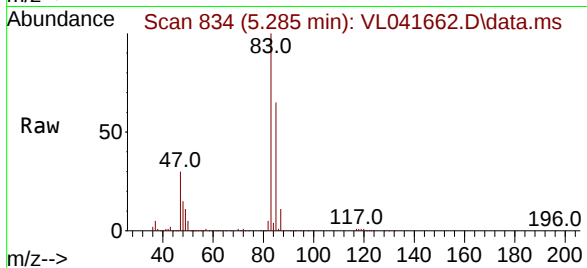
85 64.9 53.8 80.6

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#30

Cyclohexane

Concen: 11.404 ppbv

RT: 6.619 min Scan# 1249

Delta R.T. 0.042 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

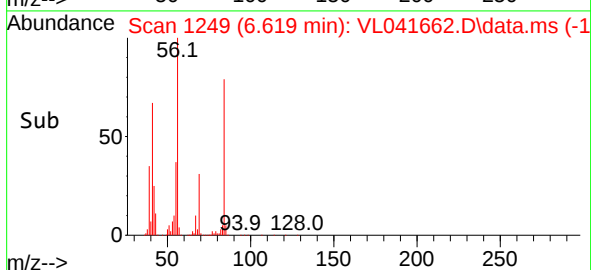
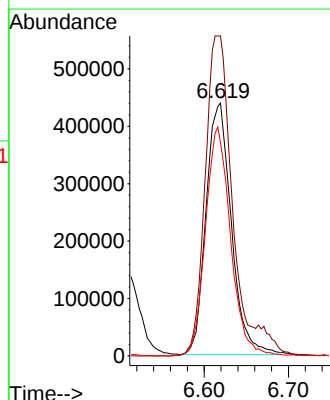
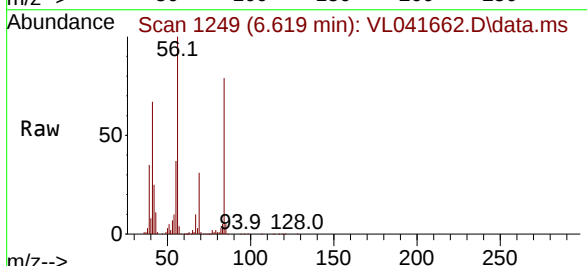
Tgt Ion: 84 Resp: 915770

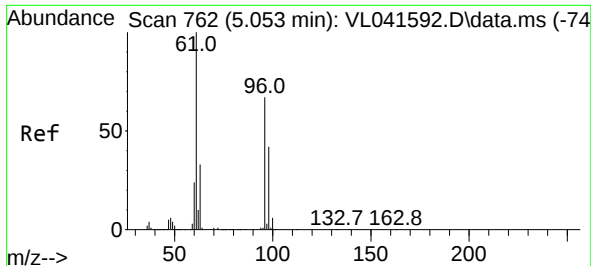
Ion Ratio Lower Upper

84 100

56 139.8 111.5 167.3

41 90.5 70.9 106.3





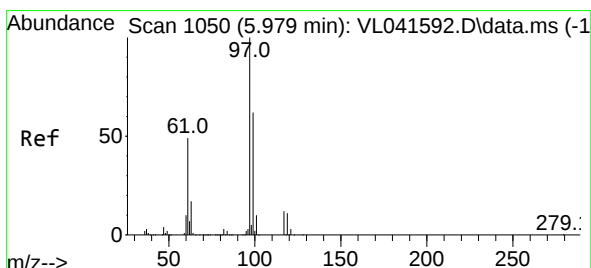
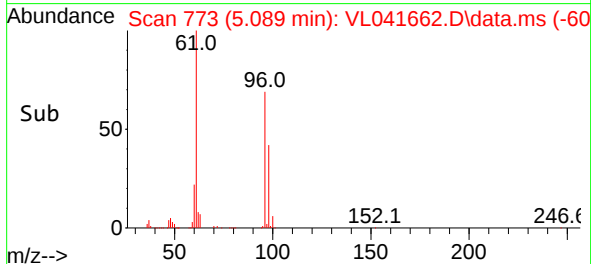
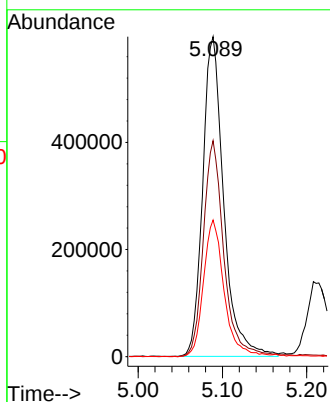
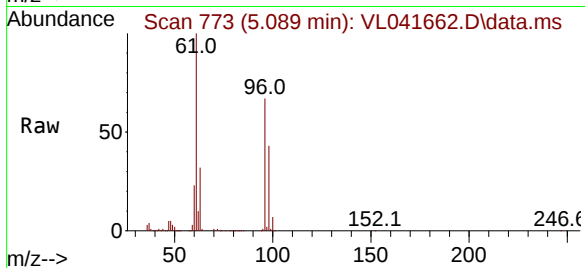
#31
 cis-1,2-Dichloroethene
 Concen: 10.474 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. 0.036 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1014ABS01

Tgt Ion: 61 Resp: 103584
 Ion Ratio Lower Upper
 61 100
 96 67.6 53.5 80.3
 98 42.8 33.7 50.5

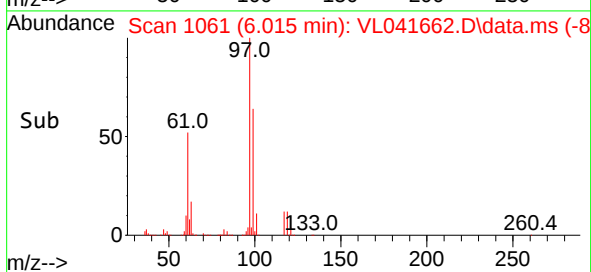
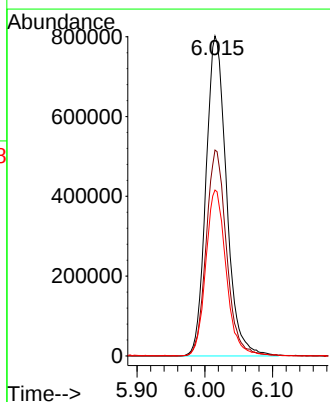
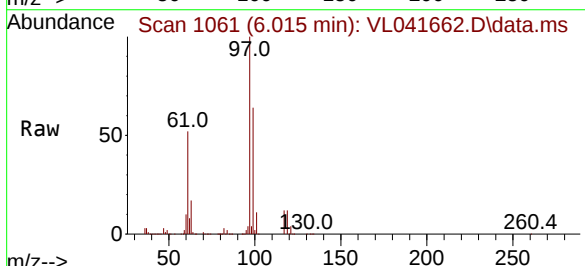
Manual Integrations
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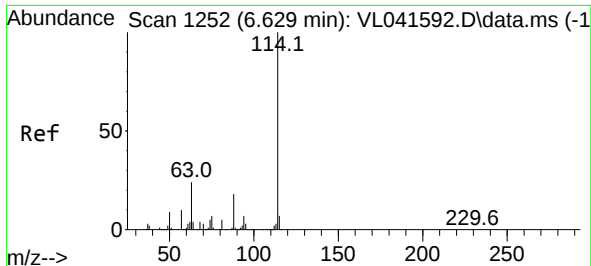
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#32
 1,1,1-Trichloroethane
 Concen: 11.092 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.036 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Tgt Ion: 97 Resp: 1684176
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.0 76.4
 61 52.0 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 114

Delta R.T. 0.039 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL1014ABS01

Tgt Ion:114 Resp: 296316

Ion Ratio Lower Upper

114 100

63 25.6 20.2 30.2

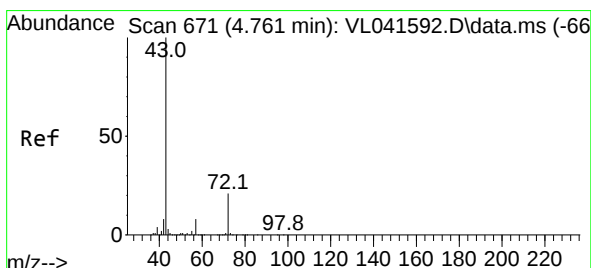
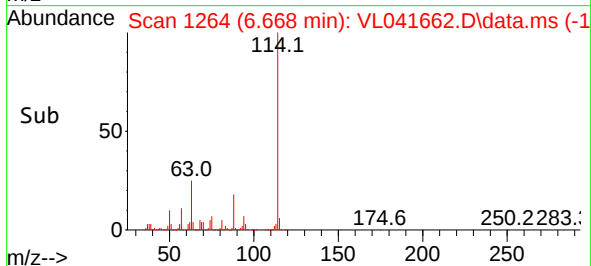
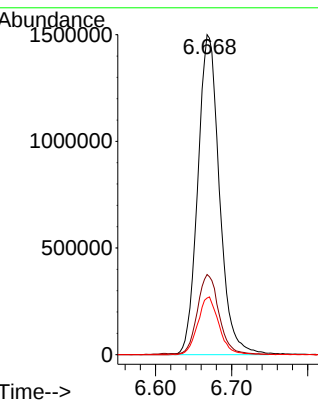
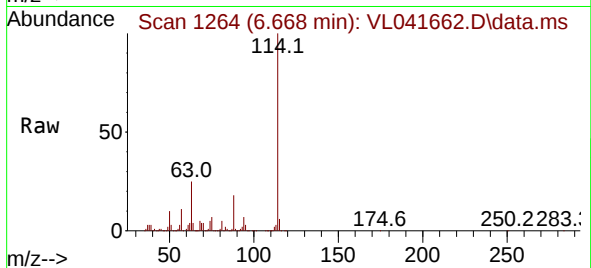
88 17.7 14.2 21.4

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#34

2-Butanone

Concen: 9.807 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.032 min

Lab File: VL041662.D

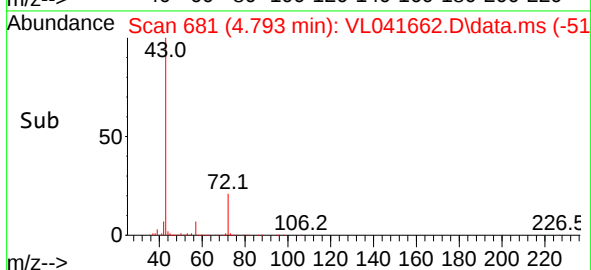
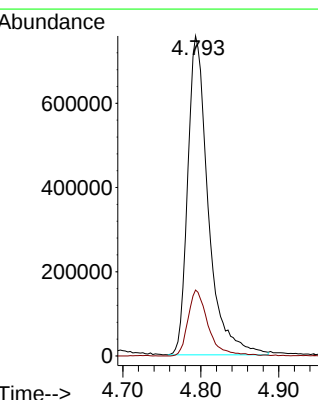
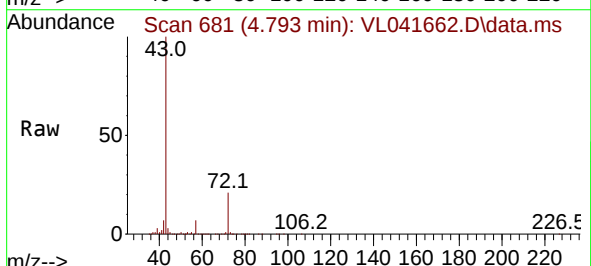
Acq: 14 Oct 2024 11:02

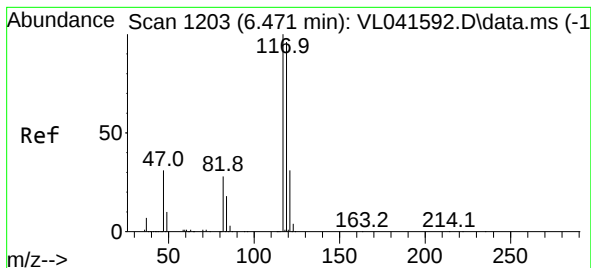
Tgt Ion: 43 Resp: 1385663

Ion Ratio Lower Upper

43 100

72 20.8 16.8 25.2





#35

Carbon Tetrachloride

Concen: 12.011 ppbv

RT: 6.507 min Scan# 1176

Delta R.T. 0.036 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL1014ABS01

Tgt Ion:117 Resp: 174626

Ion Ratio Lower Upper

117 100

119 95.8 76.8 115.2

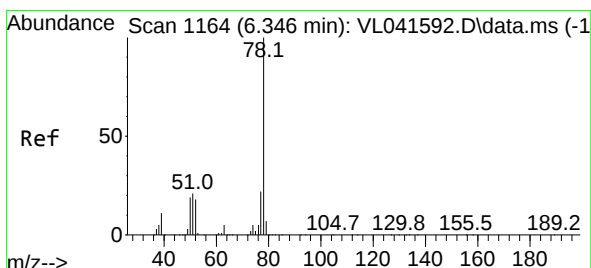
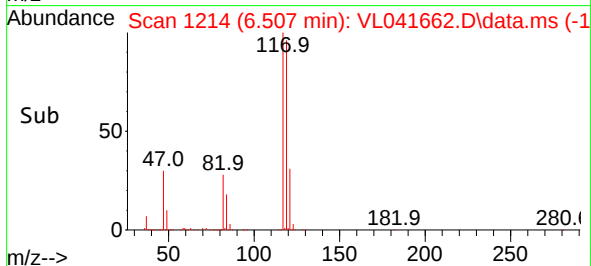
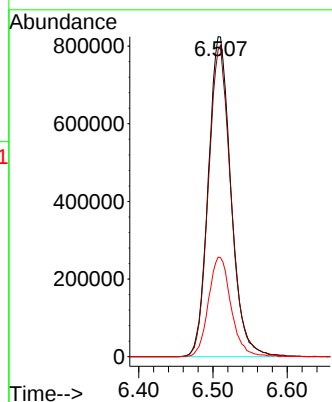
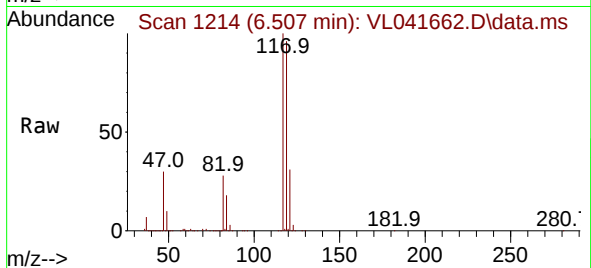
121 31.1 25.0 37.6

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#36

Benzene

Concen: 11.187 ppbv

RT: 6.385 min Scan# 1176

Delta R.T. 0.039 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

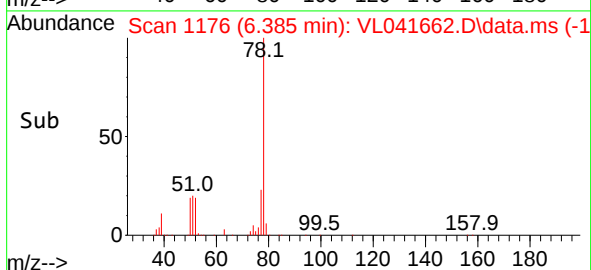
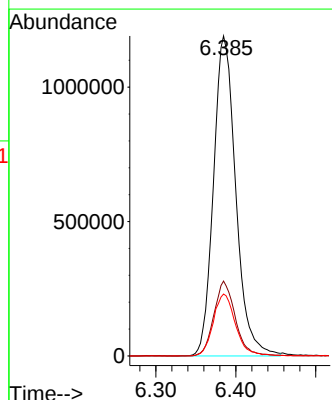
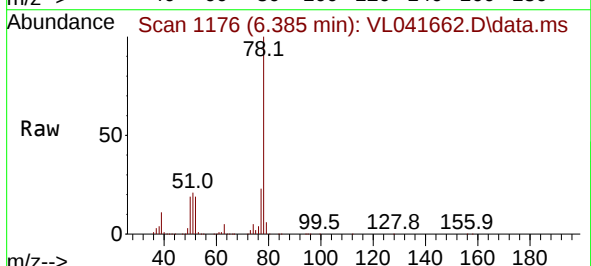
Tgt Ion: 78 Resp: 2302124

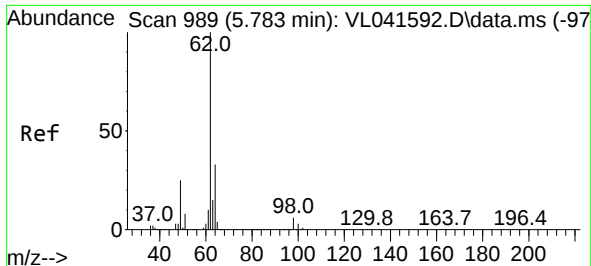
Ion Ratio Lower Upper

78 100

77 23.3 17.8 26.6

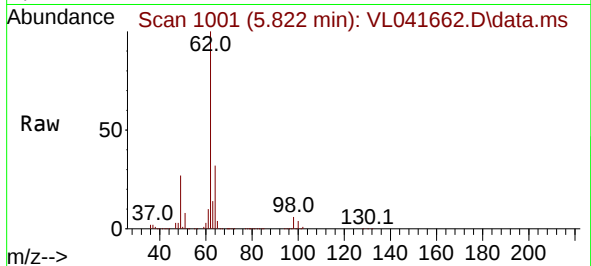
50 19.3 15.4 23.0





#37
1,2-Dichloroethane
Concen: 10.685 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.039 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

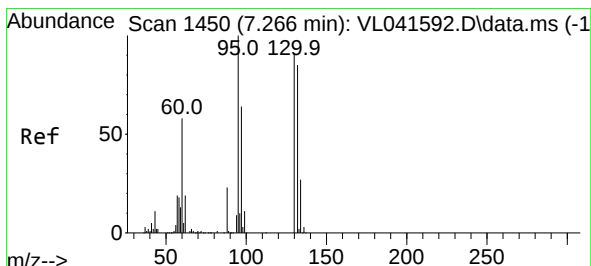
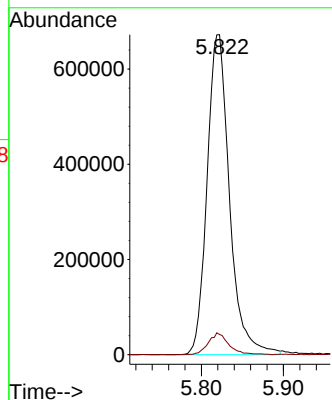
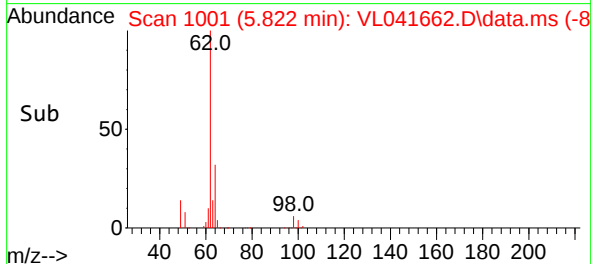
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



Tgt Ion: 62 Resp: 127574
Ion Ratio Lower Upper
62 100
98 6.3 4.8 7.2

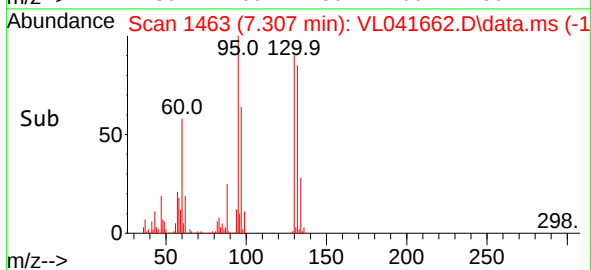
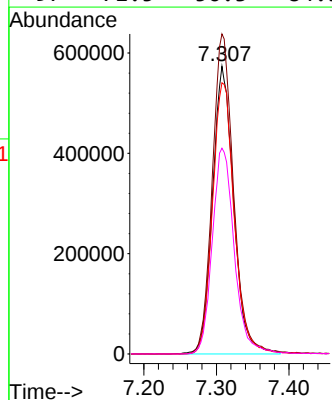
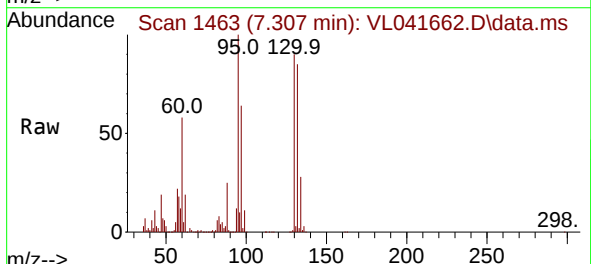
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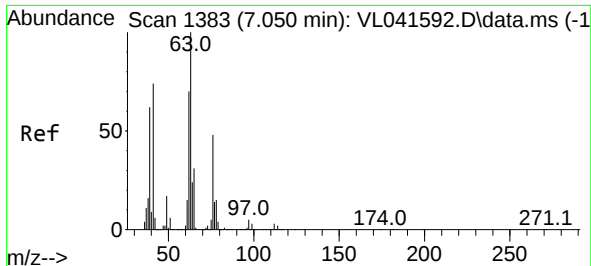
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#38
Trichloroethene
Concen: 10.958 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.042 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion:130 Resp: 1161316
Ion Ratio Lower Upper
130 100
95 111.2 87.7 131.5
132 94.2 74.5 111.7
97 71.5 56.3 84.5





#39

1,2-Dichloropropane

Concen: 10.709 ppbv

RT: 7.089 min Scan# 11

Delta R.T. 0.039 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL1014ABS01

Tgt Ion: 63 Resp: 89656

Ion Ratio Lower Upper

63 100

41 73.2 59.5 89.3

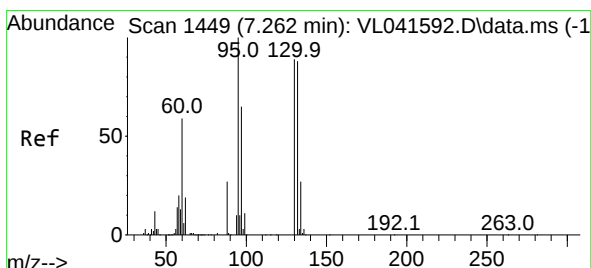
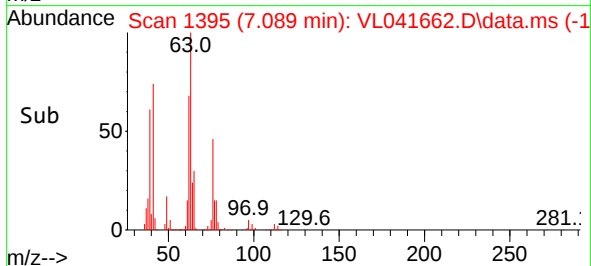
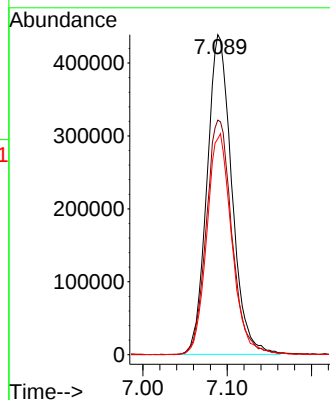
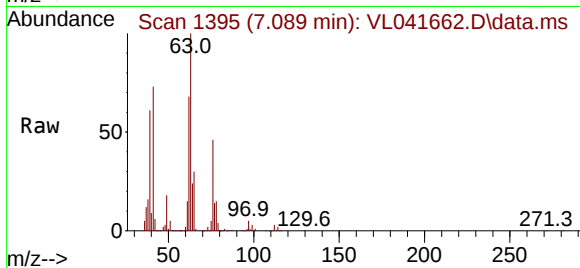
62 67.3 56.2 84.2

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#40

1,4-Dioxane

Concen: 11.151 ppbv

RT: 7.307 min Scan# 1463

Delta R.T. 0.045 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Tgt Ion: 88 Resp: 351904

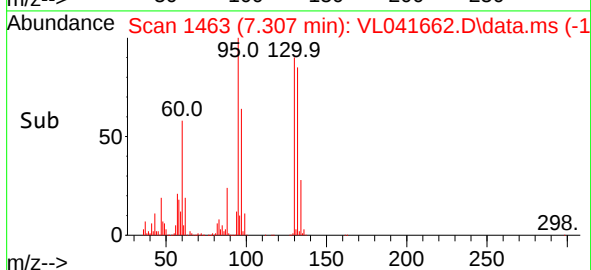
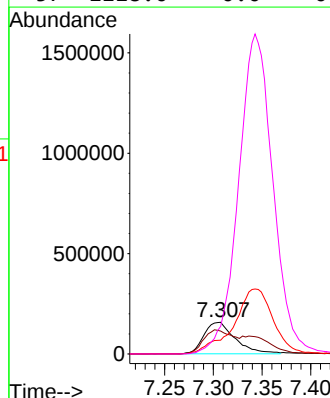
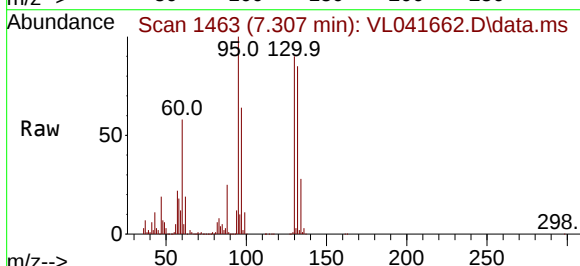
Ion Ratio Lower Upper

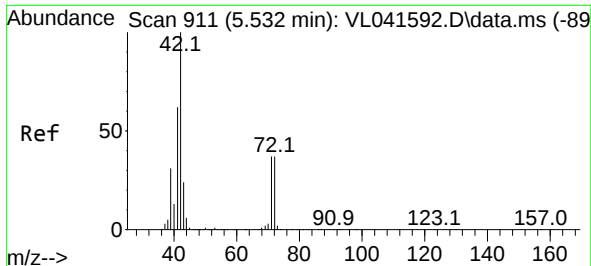
88 100

58 126.5 100.2 150.4

43 258.7 0.0 0.0#

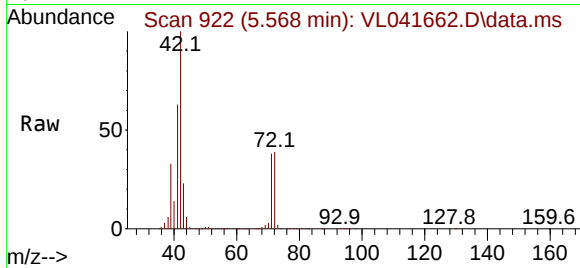
57 1118.0 0.0 0.0#





#41
Tetrahydrofuran
Concen: 11.825 ppbv
RT: 5.568 min Scan# 911
Delta R.T. 0.036 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

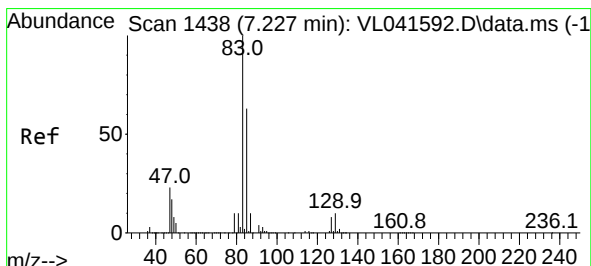
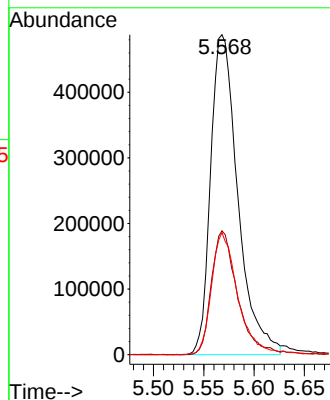
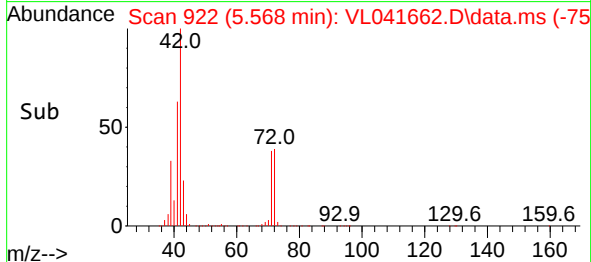
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



Tgt Ion: 42 Resp: 919479
Ion Ratio Lower Upper
42 100
72 37.7 30.2 45.2
71 37.4 29.6 44.4

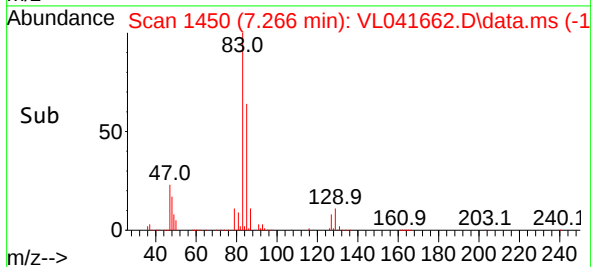
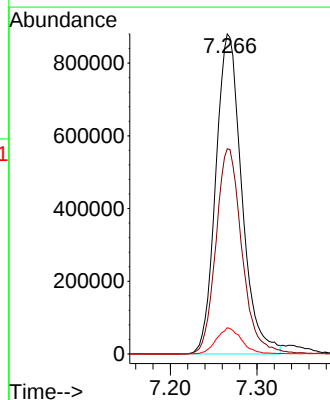
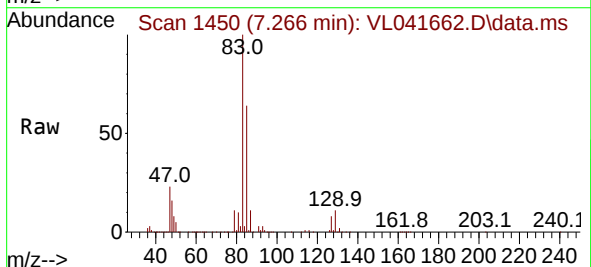
Manual Integrations
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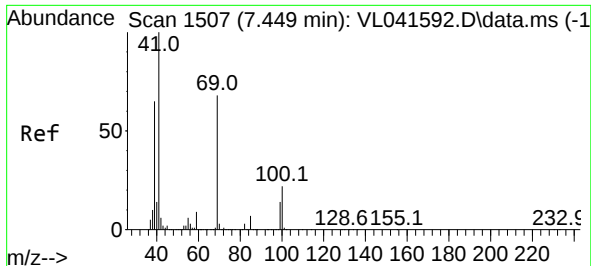
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#42
Bromodichloromethane
Concen: 11.043 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.039 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

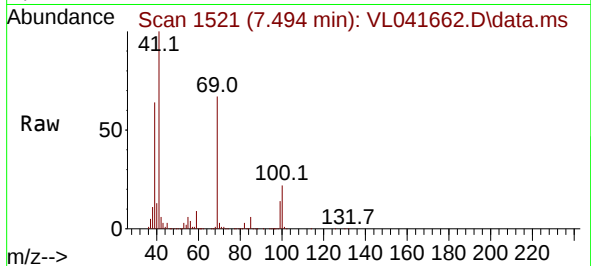
Tgt Ion: 83 Resp: 1834480
Ion Ratio Lower Upper
83 100
85 64.1 50.5 75.7
127 8.2 6.5 9.7





#43
Methyl Methacrylate
Concen: 12.260 ppbv
RT: 7.494 min Scan# 11
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

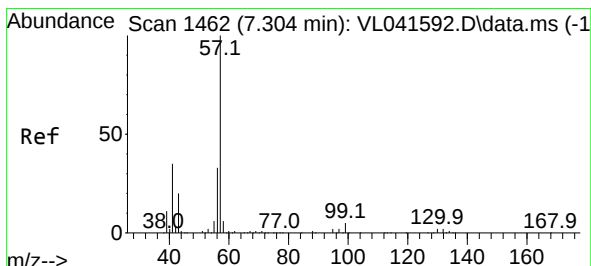
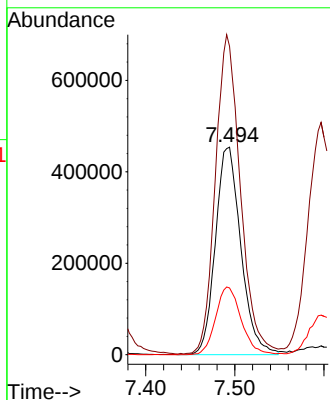
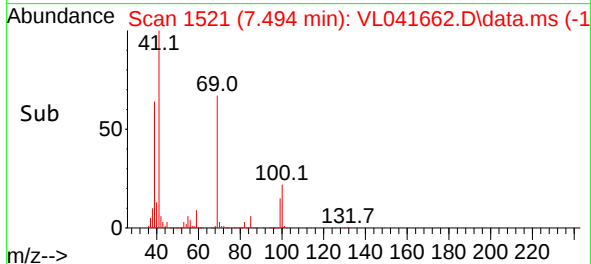
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



Tgt Ion: 69 Resp: 902852
Ion Ratio Lower Upper
69 100
41 151.0 121.8 182.6
100 32.8 26.5 39.7

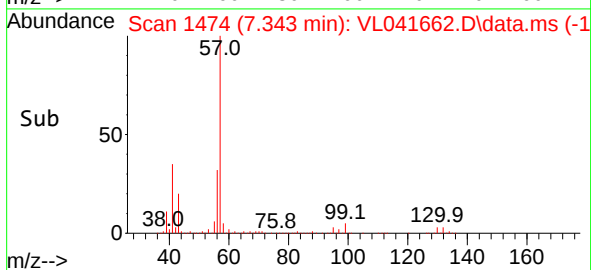
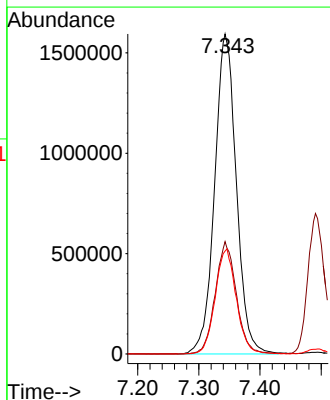
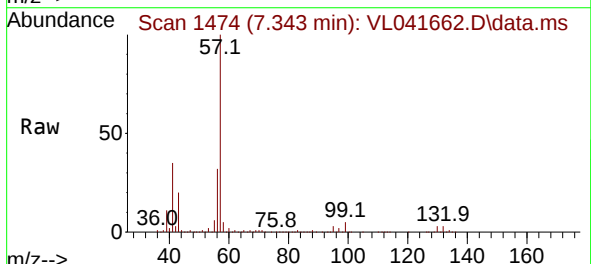
Manual Integrations
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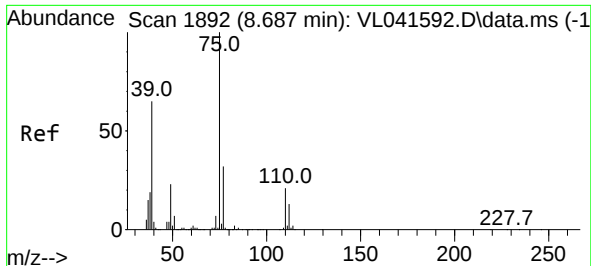
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#44
2,2,4-Trimethylpentane
Concen: 11.033 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.039 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 57 Resp: 3928081
Ion Ratio Lower Upper
57 100
41 34.1 27.0 40.6
56 32.0 25.5 38.3





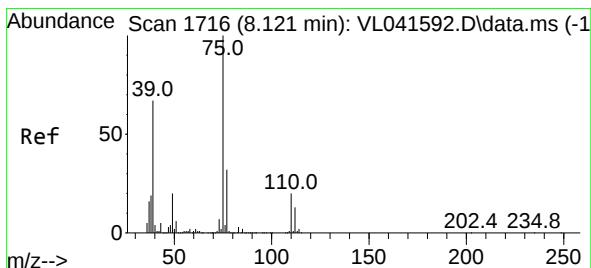
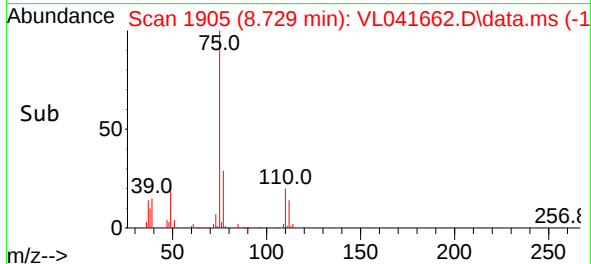
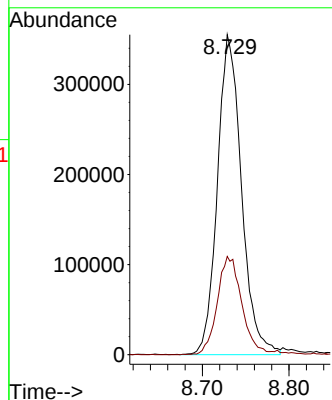
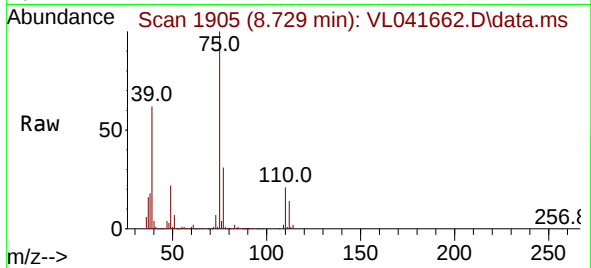
#45
t-1,3-Dichloropropene
Concen: 11.561 ppbv
RT: 8.729 min Scan# 1905
Delta R.T. 0.042 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01

Tgt Ion: 75 Resp: 68641
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

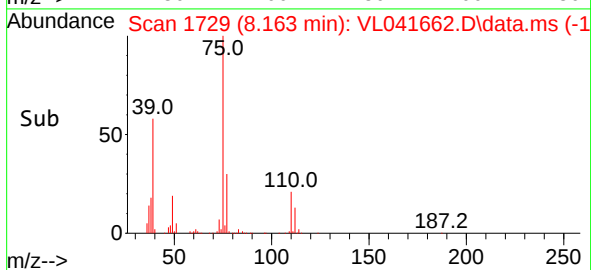
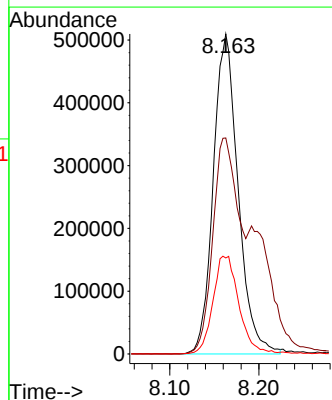
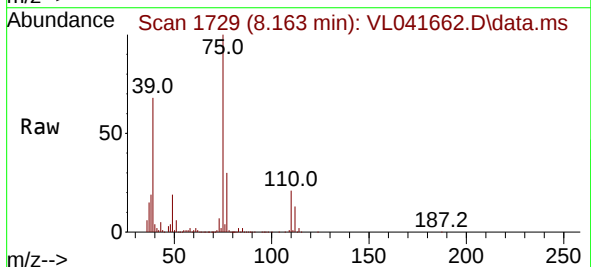
Manual Integrations
APPROVED

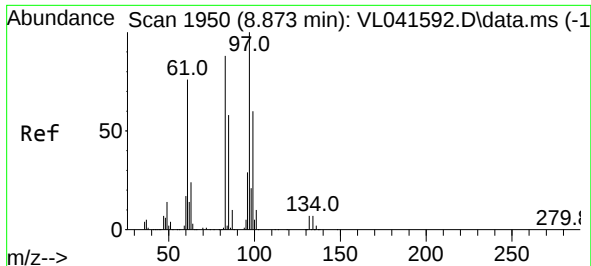
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#46
cis-1,3-Dichloropropene
Concen: 11.341 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.042 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

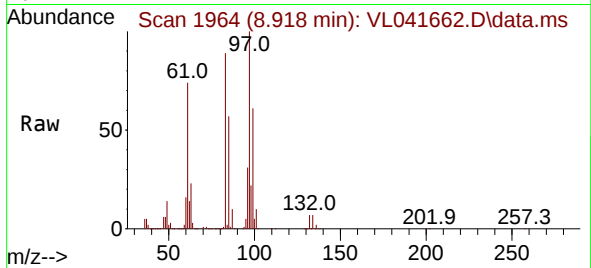
Tgt Ion: 75 Resp: 986486
Ion Ratio Lower Upper
75 100
39 67.5 54.0 81.0
77 30.0 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 10.730 ppbv
RT: 8.918 min Scan# 1950
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

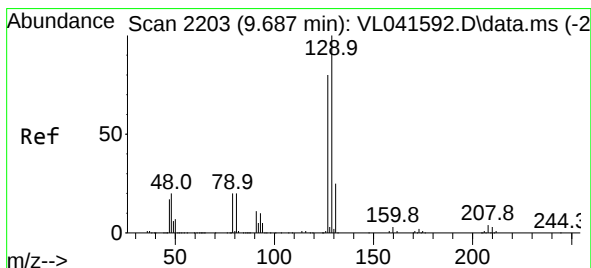
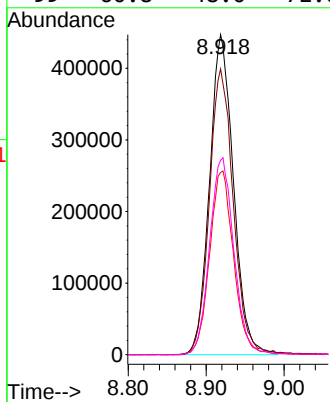
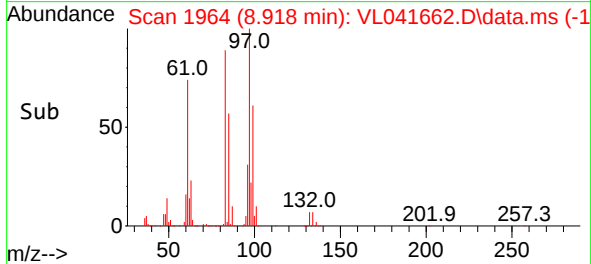
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



Tgt Ion: 97 Resp: 953812
Ion Ratio Lower Upper
97 100
83 89.2 70.2 105.4
85 57.0 46.3 69.5
99 60.8 48.0 72.0

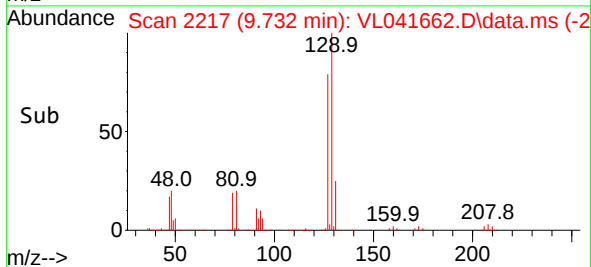
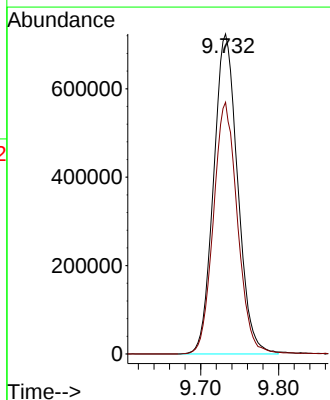
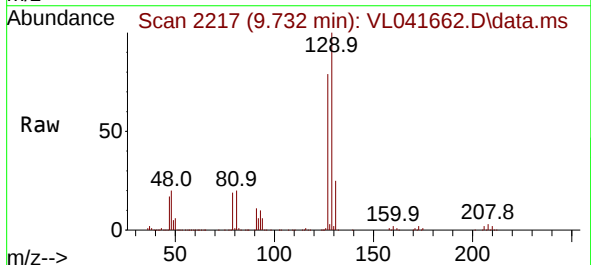
Manual Integrations
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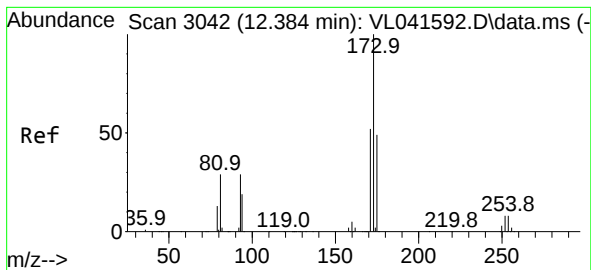
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#48
Dibromochloromethane
Concen: 11.554 ppbv
RT: 9.732 min Scan# 2217
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion:129 Resp: 1556080
Ion Ratio Lower Upper
129 100
127 78.7 39.3 117.9





#49

Bromoform

Concen: 11.570 ppbv

RT: 12.433 min Scan# 3042

Delta R.T. 0.048 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL1014ABS01

Tgt Ion:173 Resp: 1337600

Ion Ratio Lower Upper

173 100

175 49.2 40.1 60.1

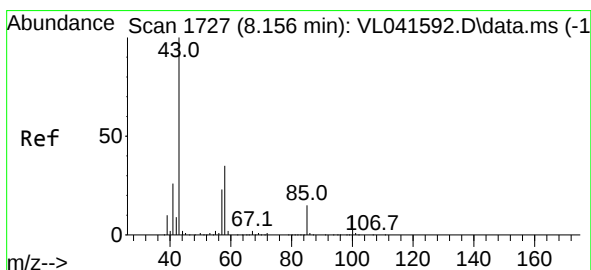
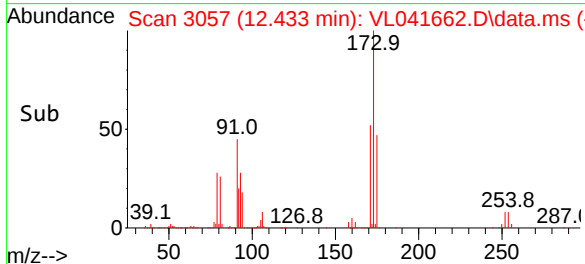
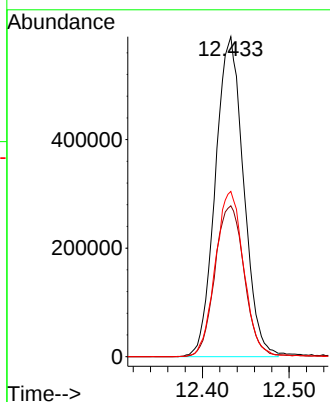
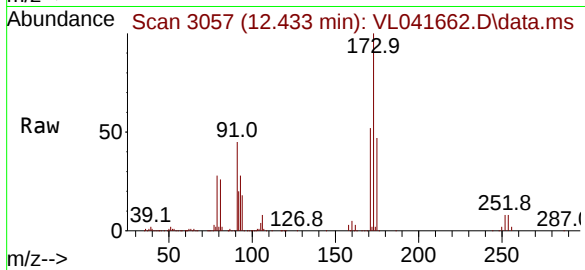
171 52.2 42.2 63.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#50

4-Methyl-2-Pentanone

Concen: 11.914 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.042 min

Lab File: VL041662.D

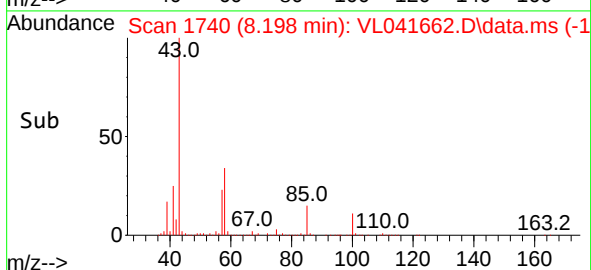
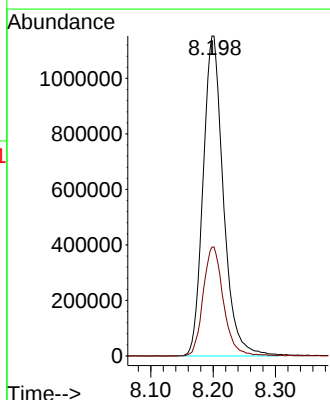
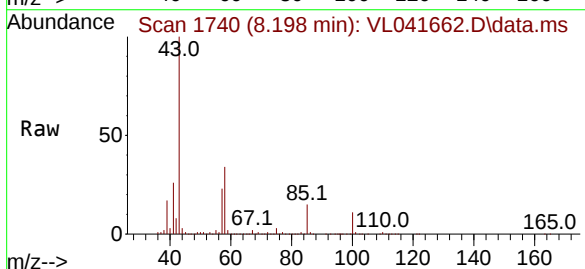
Acq: 14 Oct 2024 11:02

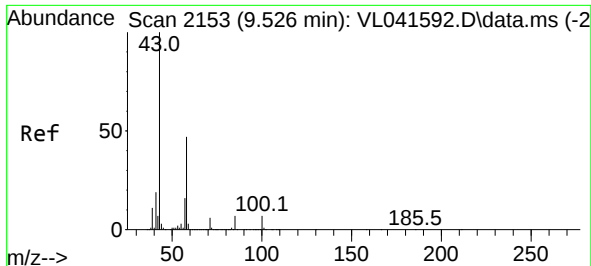
Tgt Ion: 43 Resp: 2599545

Ion Ratio Lower Upper

43 100

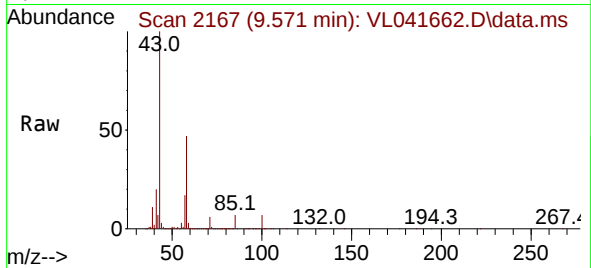
58 34.3 27.8 41.8





#51
2-Hexanone
Concen: 12.354 ppbv
RT: 9.571 min Scan# 2153
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

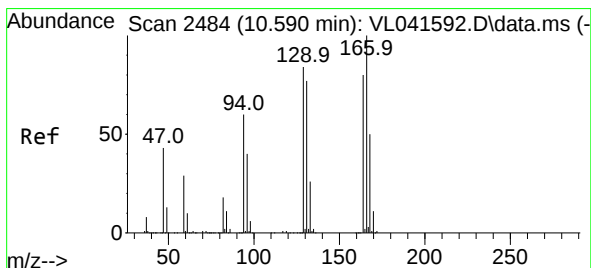
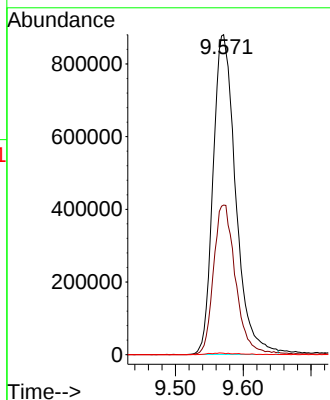
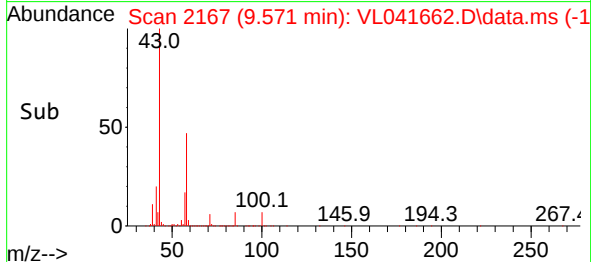
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



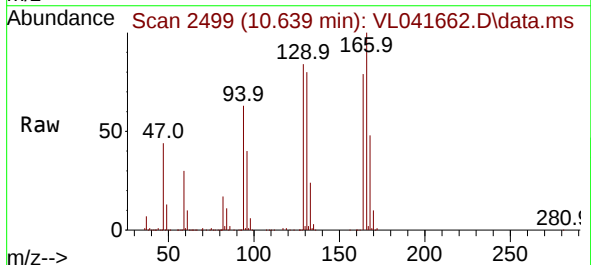
Tgt Ion: 43 Resp: 2038924
Ion Ratio Lower Upper
43 100
58 46.2 37.2 55.8
98 0.7 0.5 0.7

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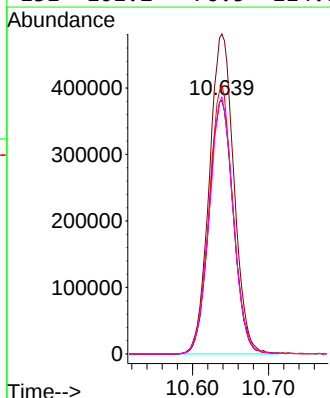
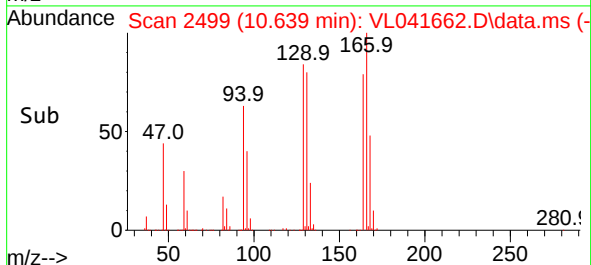
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

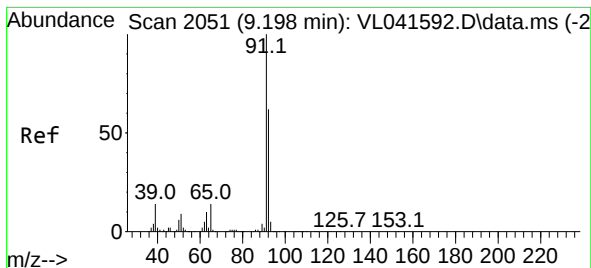


#52
Tetrachloroethene
Concen: 11.351 ppbv
RT: 10.639 min Scan# 2499
Delta R.T. 0.048 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02



Tgt Ion:164 Resp: 845842
Ion Ratio Lower Upper
164 100
166 126.1 99.4 149.2
129 105.9 83.5 125.3
131 101.2 76.5 114.7





#53

Toluene

Concen: 12.166 ppbv

RT: 9.240 min Scan# 2051

Delta R.T. 0.042 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL1014ABS01

Tgt Ion: 91 Resp: 265752

Ion Ratio Lower Upper

91 100

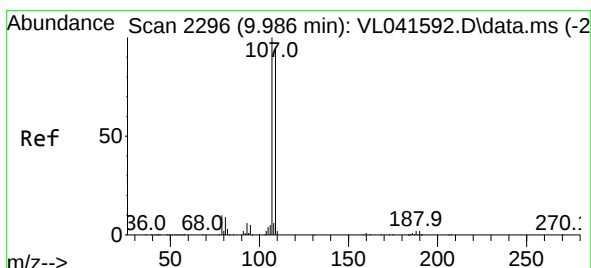
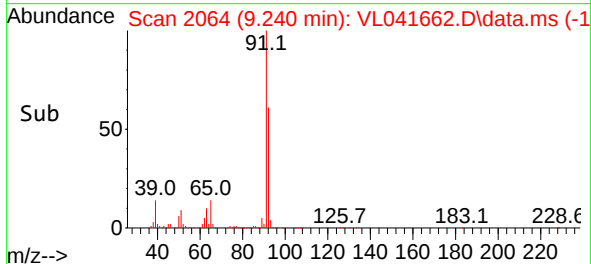
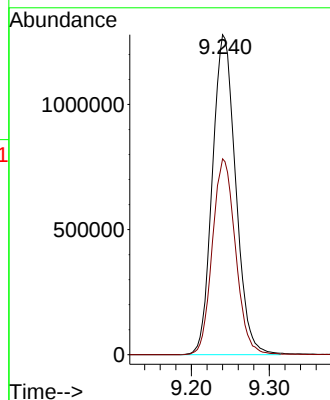
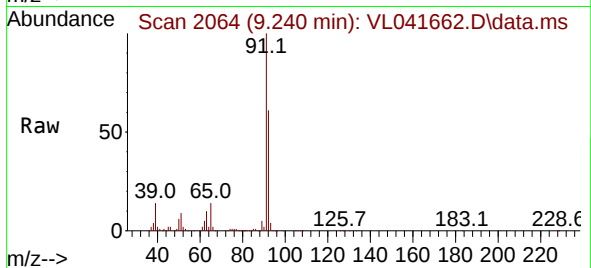
92 61.0 48.9 73.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#54

1,2-Dibromoethane

Concen: 11.437 ppbv

RT: 10.031 min Scan# 2310

Delta R.T. 0.045 min

Lab File: VL041662.D

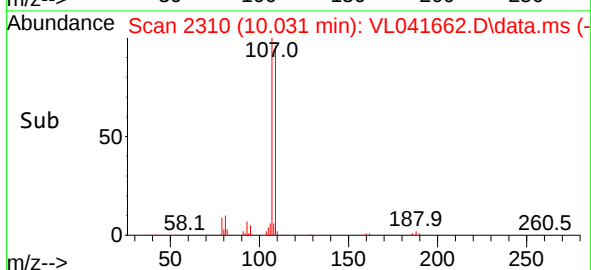
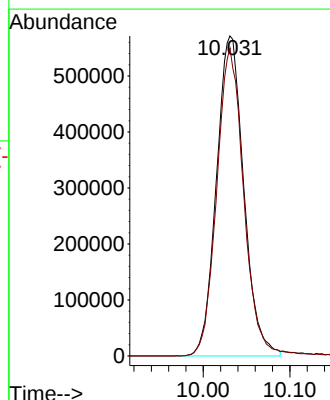
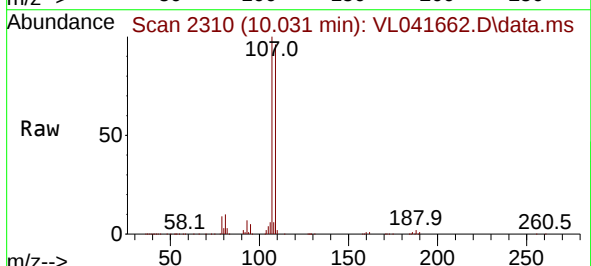
Acq: 14 Oct 2024 11:02

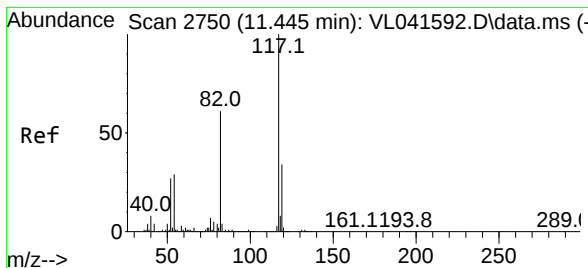
Tgt Ion:107 Resp: 1251918

Ion Ratio Lower Upper

107 100

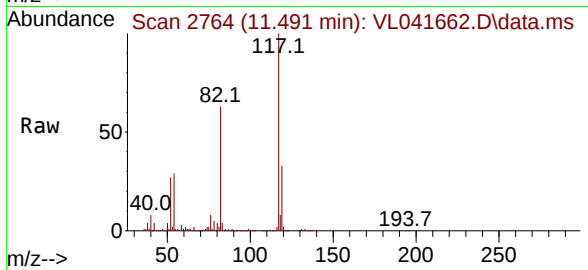
109 96.3 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.491 min Scan# 21
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

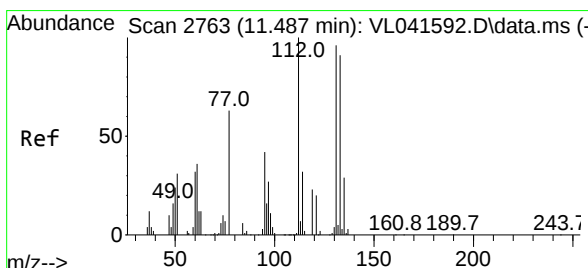
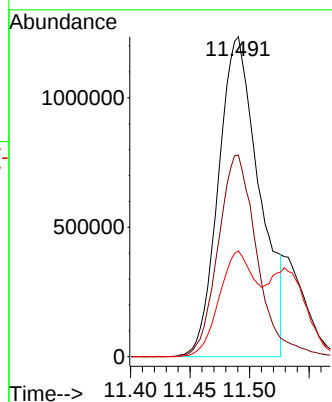
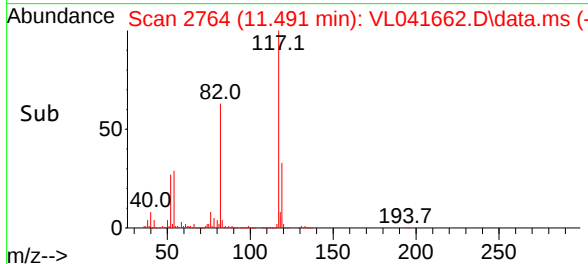
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



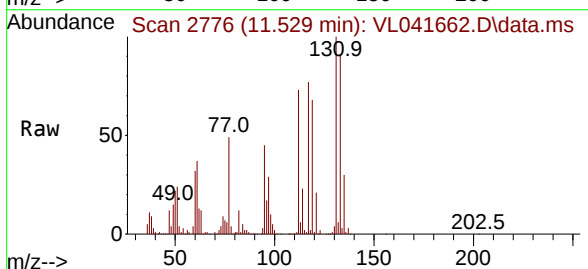
Tgt Ion:117 Resp: 2950594
Ion Ratio Lower Upper
117 100
82 60.7 49.4 74.2
119 29.2 24.4 36.6

Manual Integrations
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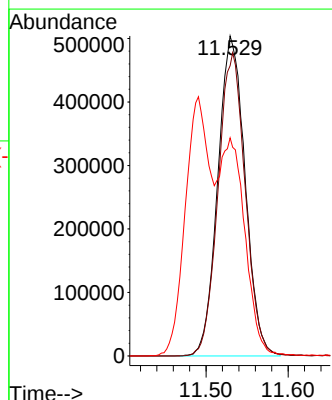
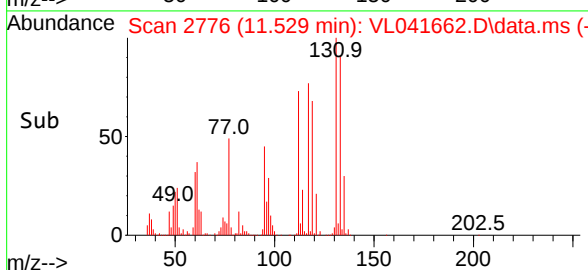
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

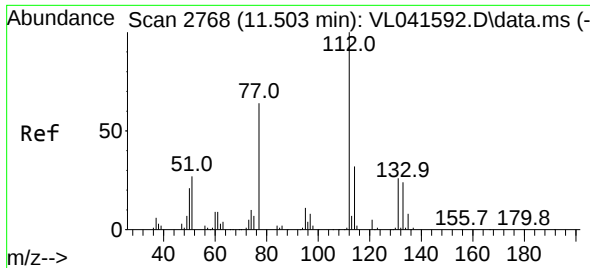


#56
1,1,1,2-Tetrachloroethane
Concen: 10.082 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. 0.042 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02



Tgt Ion:131 Resp: 1161496
Ion Ratio Lower Upper
131 100
133 94.9 76.6 115.0
119 61.2 48.5 72.7





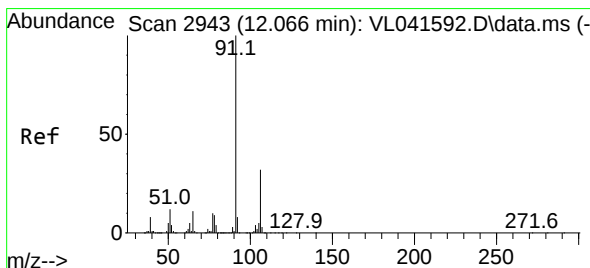
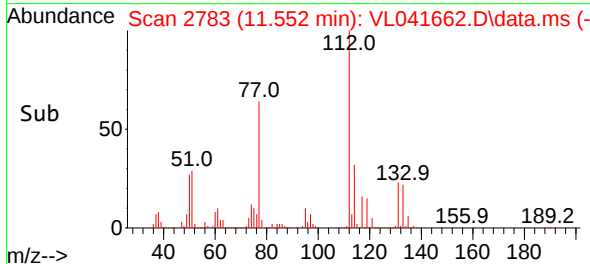
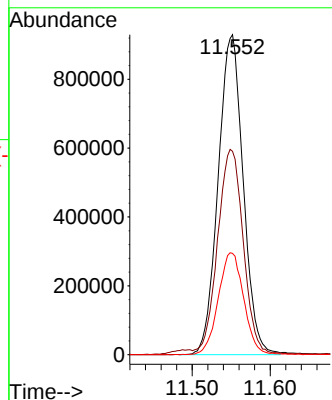
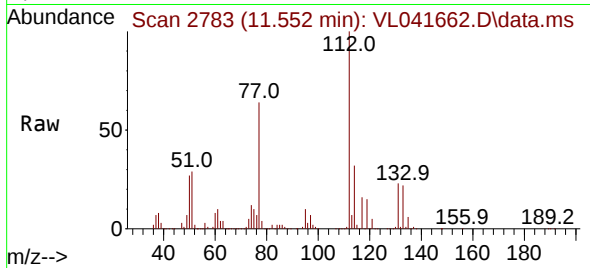
#57
Chlorobenzene
Concen: 9.741 ppbv
RT: 11.552 min Scan# 21
Delta R.T. 0.048 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01

Tgt Ion:112 Resp: 207218
Ion Ratio Lower Upper
112 100
77 63.0 52.0 78.0
114 31.7 28.6 35.0

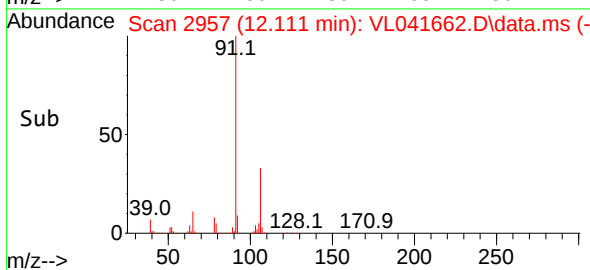
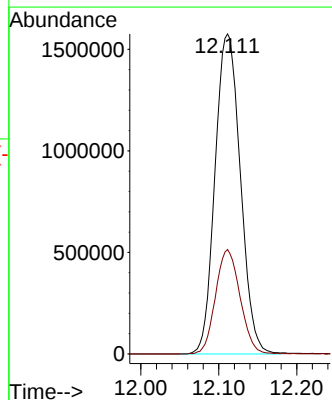
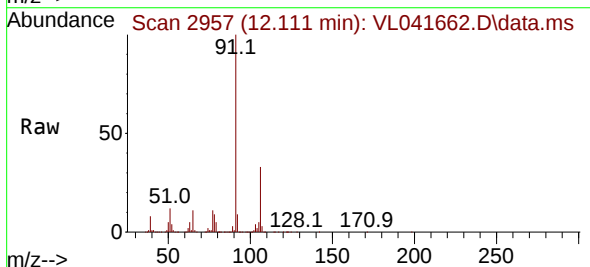
Manual Integrations
APPROVED

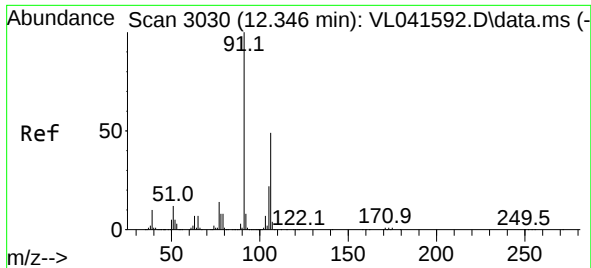
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#58
Ethyl Benzene
Concen: 11.285 ppbv
RT: 12.111 min Scan# 2957
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 91 Resp: 3564325
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.6





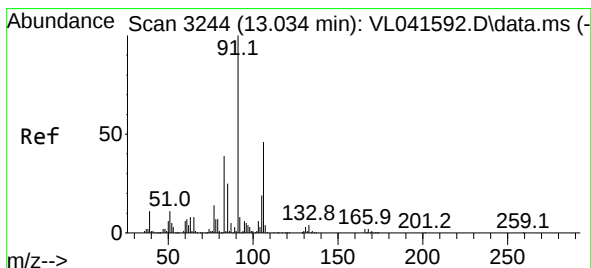
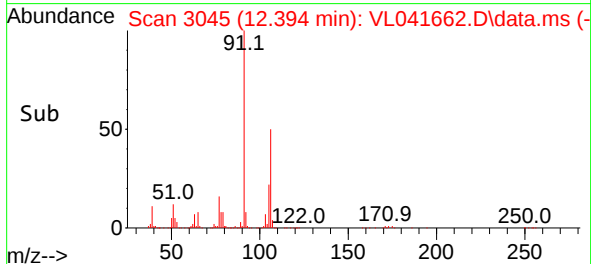
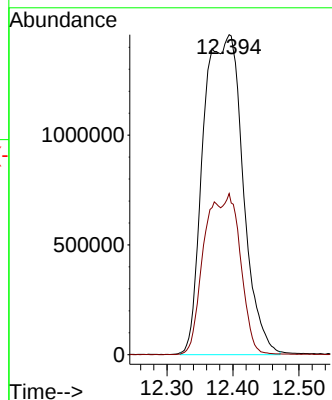
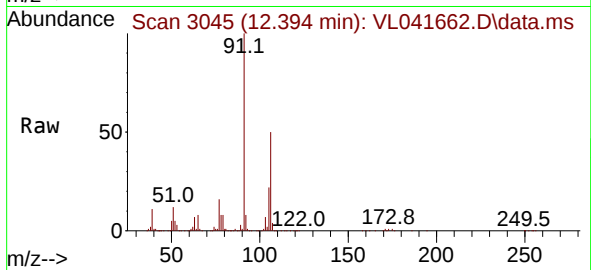
#59
m/p-Xylene
Concen: 21.522 ppbv m
RT: 12.394 min Scan# 3030
Delta R.T. 0.048 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01

Tgt Ion: 91 Resp: 6050270
Ion Ratio Lower Upper
91 100
106 46.1 36.8 55.2

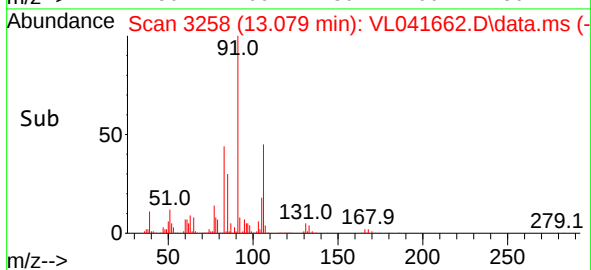
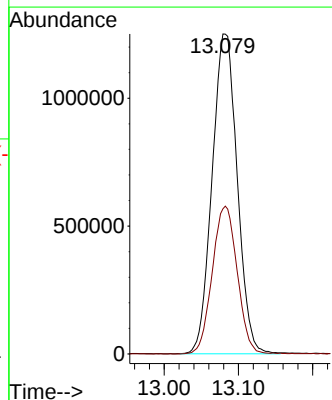
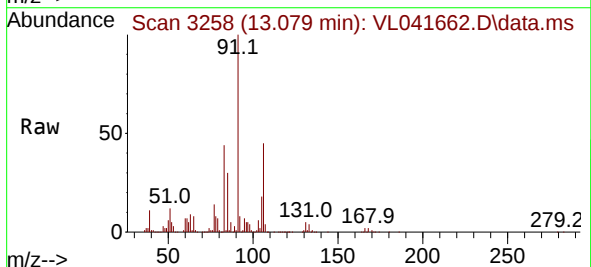
Manual Integrations
APPROVED

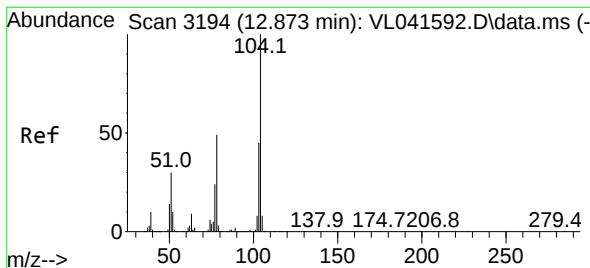
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#60
o-Xylene
Concen: 10.910 ppbv
RT: 13.079 min Scan# 3258
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 91 Resp: 2940555
Ion Ratio Lower Upper
91 100
106 45.9 23.1 69.3





#61

Styrene

Concen: 12.342 ppbv

RT: 12.918 min Scan# 3194

Delta R.T. 0.045 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL1014ABS01

Tgt Ion:104 Resp: 138974

Ion Ratio Lower Upper

104 100

78 50.0 39.8 59.6

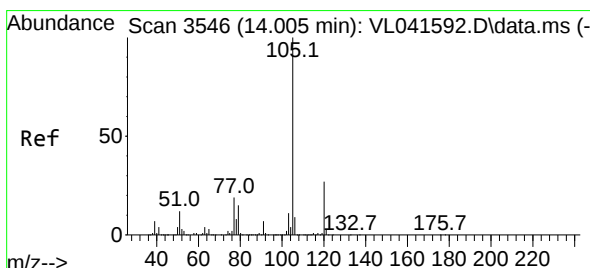
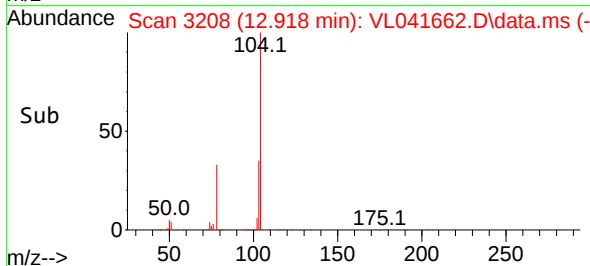
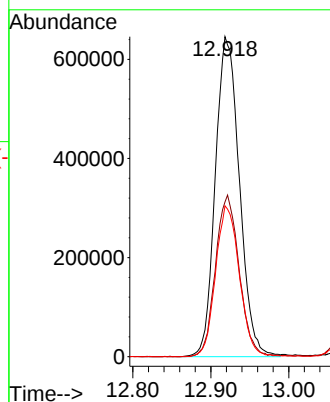
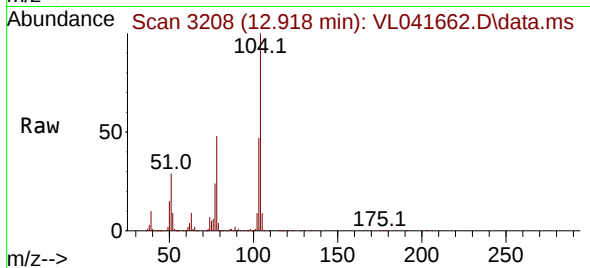
103 46.8 37.4 56.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#62

Isopropylbenzene

Concen: 10.413 ppbv

RT: 14.053 min Scan# 3561

Delta R.T. 0.048 min

Lab File: VL041662.D

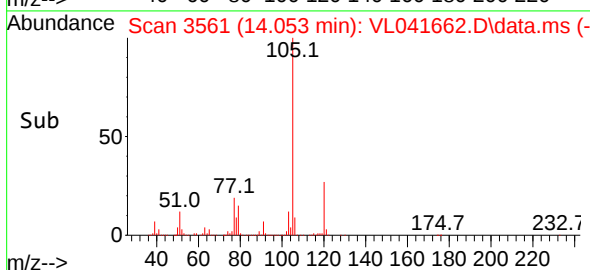
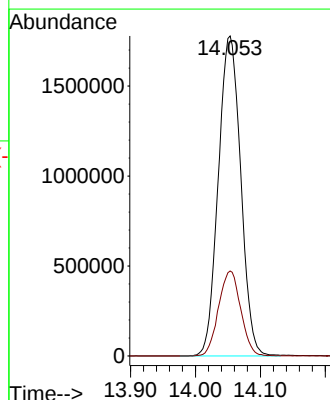
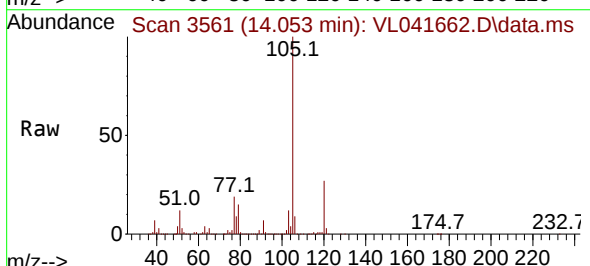
Acq: 14 Oct 2024 11:02

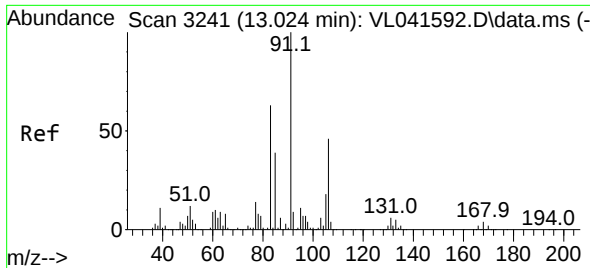
Tgt Ion:105 Resp: 4251841

Ion Ratio Lower Upper

105 100

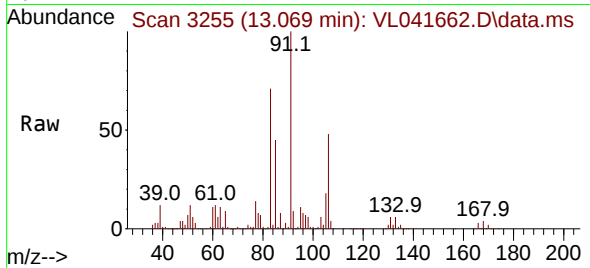
120 26.3 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 11.027 ppbv
RT: 13.069 min Scan# 31
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

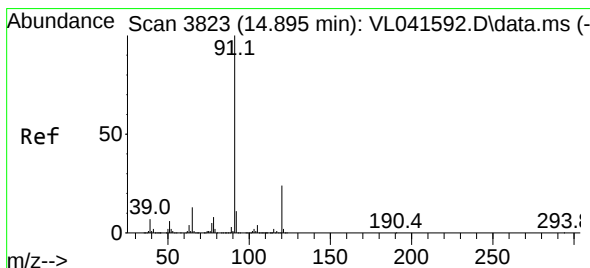
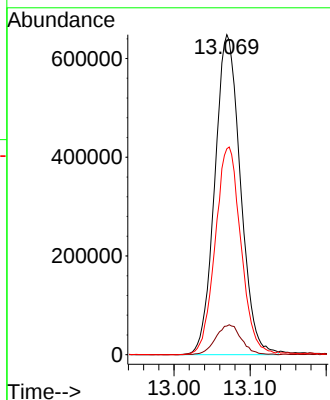
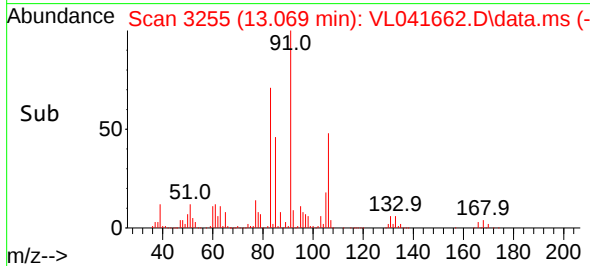
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



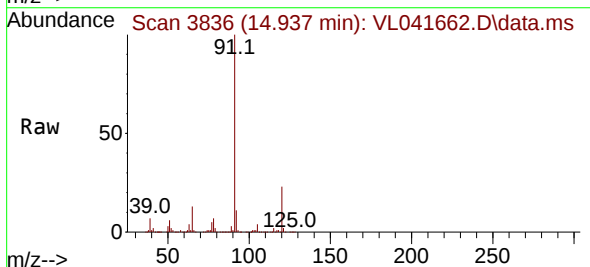
Tgt Ion: 83 Resp: 151955
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.5 32.5 97.4

Manual Integrations
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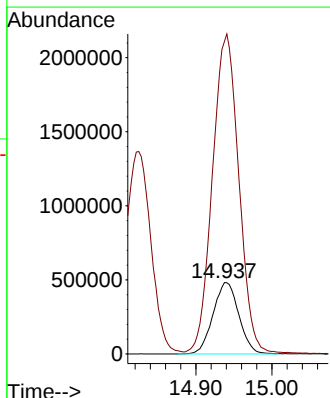
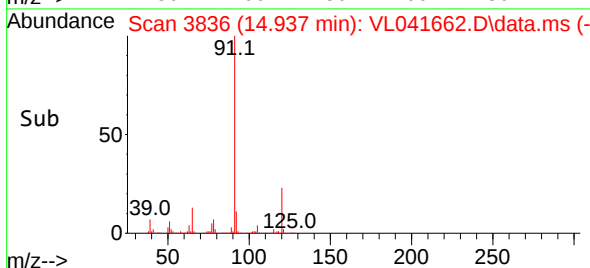
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

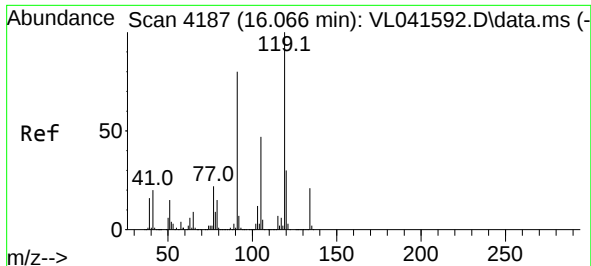


#64
n-propylbenzene
Concen: 10.756 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.042 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02



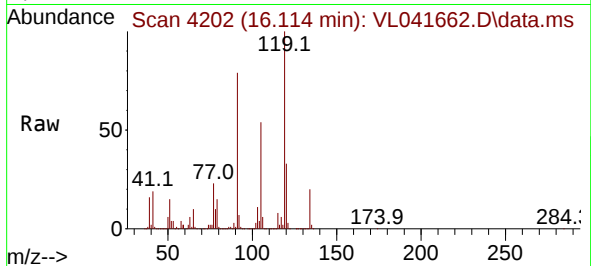
Tgt Ion:120 Resp: 1134283
Ion Ratio Lower Upper
120 100
91 460.1 366.4 549.6





#65
tert-Butylbenzene
Concen: 10.201 ppbv
RT: 16.114 min Scan# 4187
Delta R.T. 0.048 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

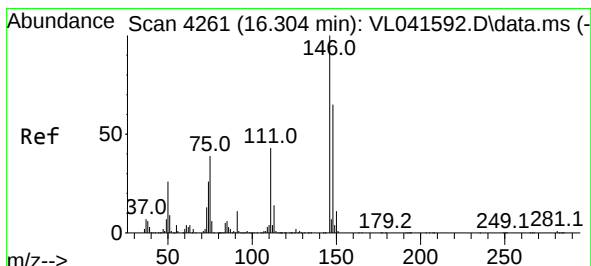
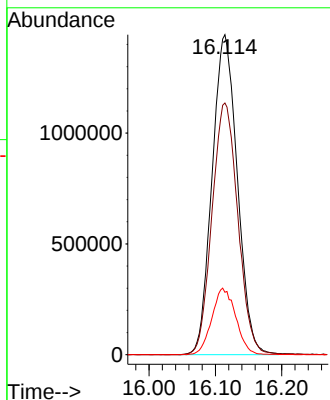
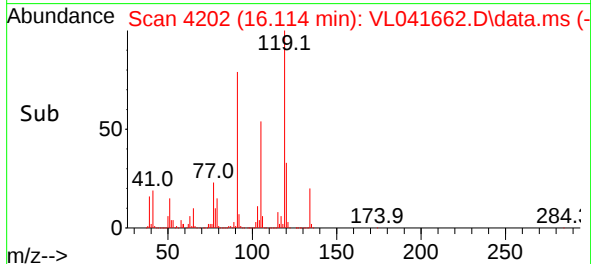
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



Tgt Ion:119 Resp: 381802
Ion Ratio Lower Upper
119 100
91 80.5 64.6 96.8
134 19.8 15.8 23.8

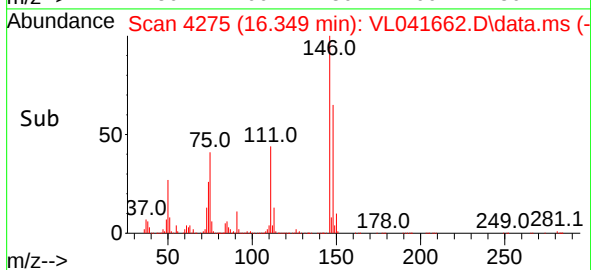
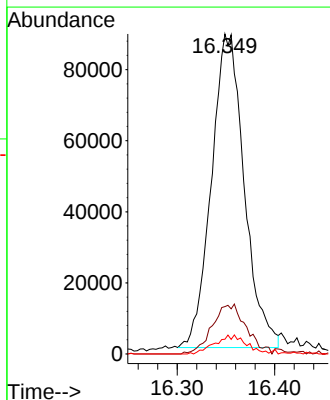
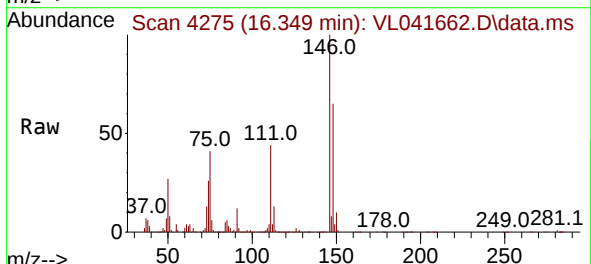
Manual Integrations
APPROVED

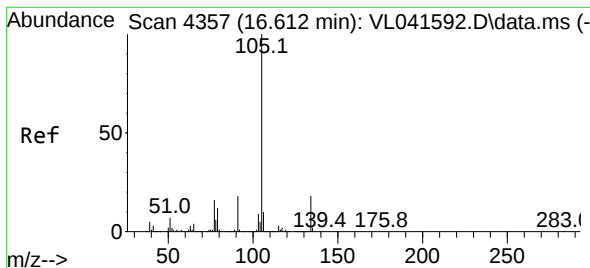
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#66
Benzyl Chloride
Concen: 10.602 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

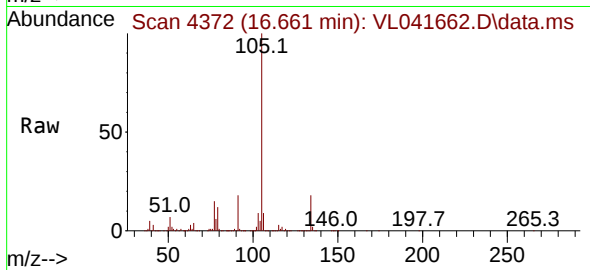
Tgt Ion: 91 Resp: 206302
Ion Ratio Lower Upper
91 100
126 16.3 15.4 23.2
128 6.2 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 10.308 ppbv
 RT: 16.661 min Scan# 41
 Delta R.T. 0.048 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

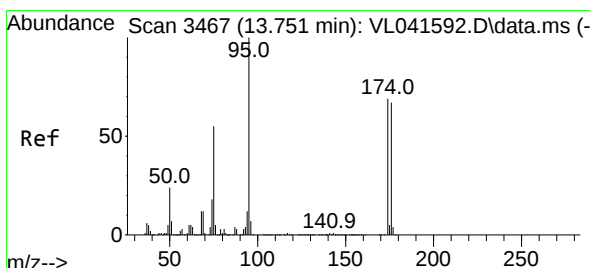
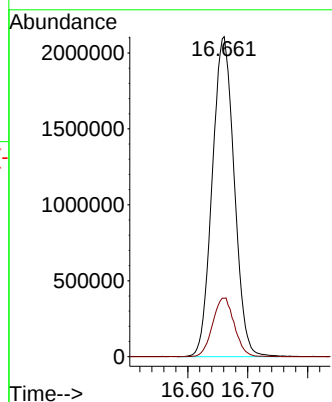
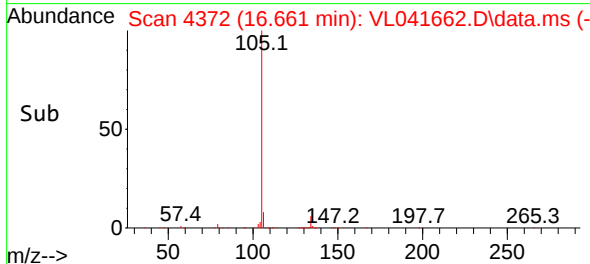
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1014ABS01



Tgt Ion:105 Resp: 535306
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 21.8

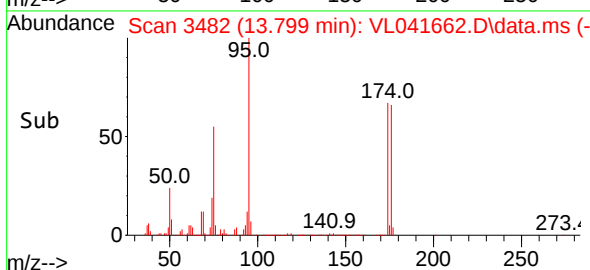
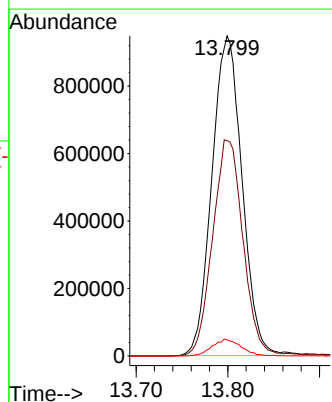
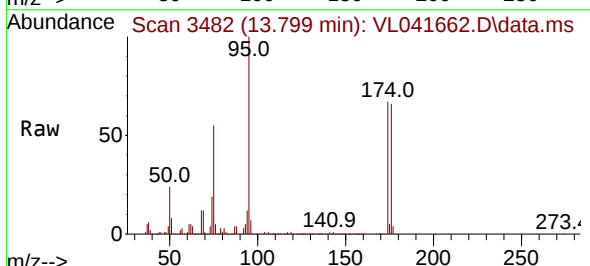
Manual Integrations
 APPROVED

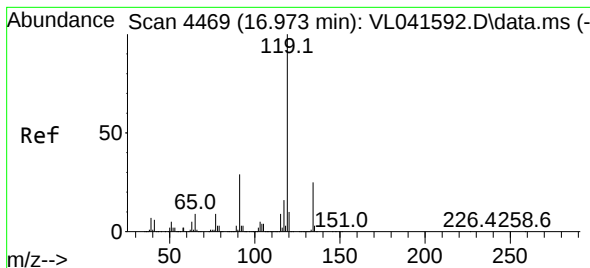
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.935 ppbv
 RT: 13.799 min Scan# 3482
 Delta R.T. 0.048 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

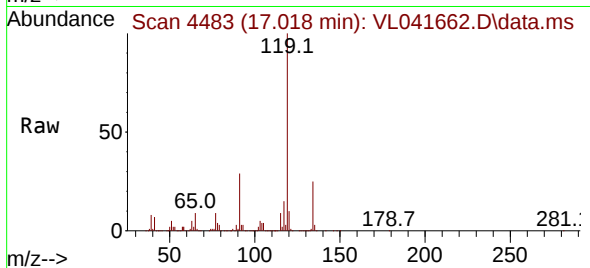
Tgt Ion: 95 Resp: 2157989
 Ion Ratio Lower Upper
 95 100
 174 68.8 55.8 83.8
 175 5.1 4.1 6.1





#69
p-Isopropyltoluene
Concen: 10.590 ppbv
RT: 17.018 min Scan# 4469
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

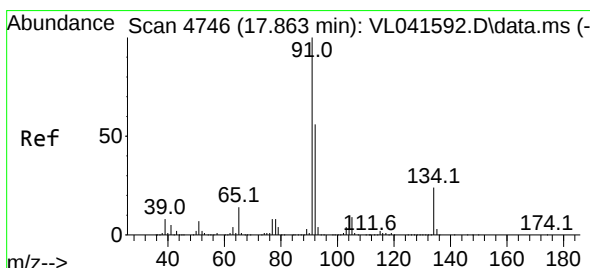
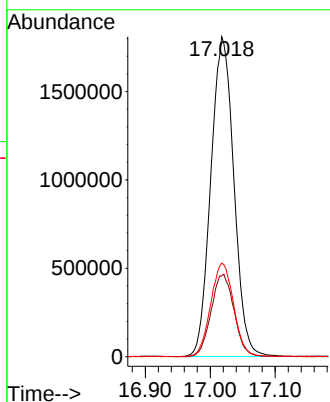
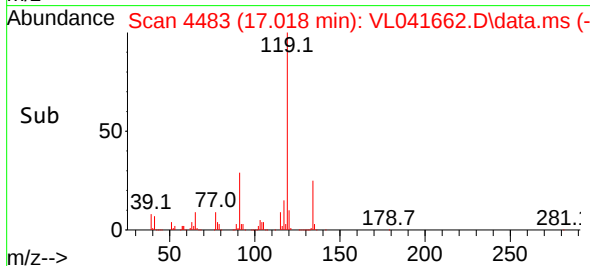
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



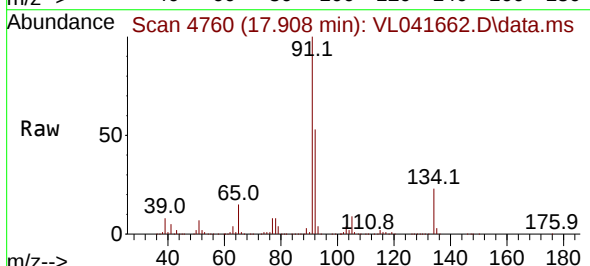
Tgt Ion:119 Resp: 4451290
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 29.2 23.1 34.7

Manual Integrations
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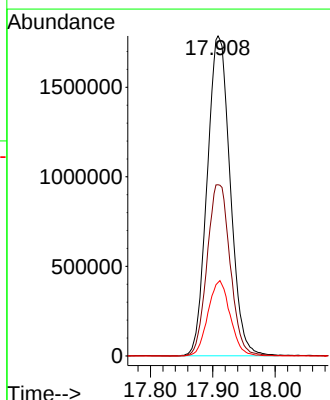
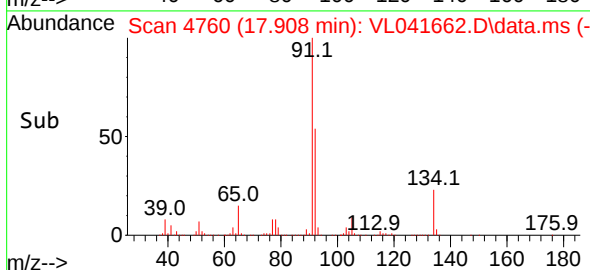
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

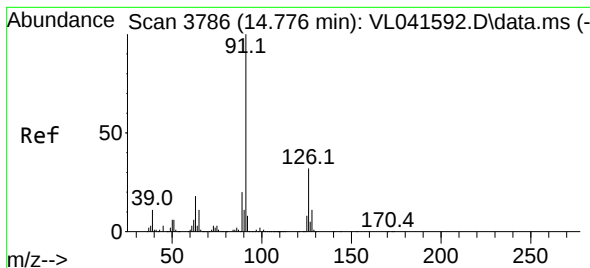


#70
n-Butylbenzene
Concen: 10.382 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02



Tgt Ion: 91 Resp: 4571641
Ion Ratio Lower Upper
91 100
92 54.0 43.2 64.8
134 22.9 18.6 27.8





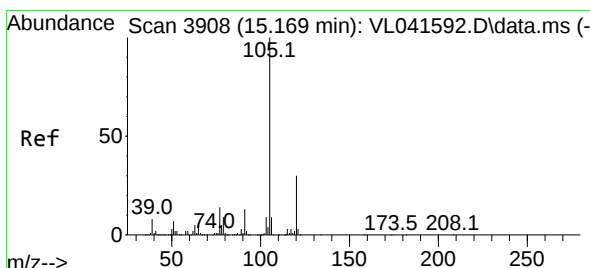
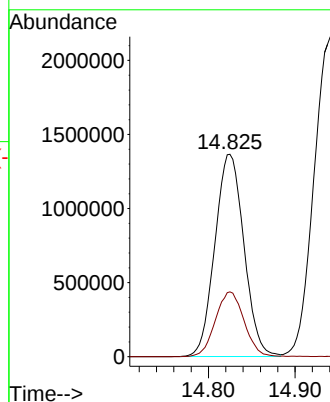
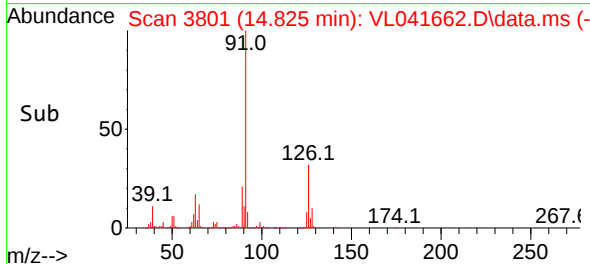
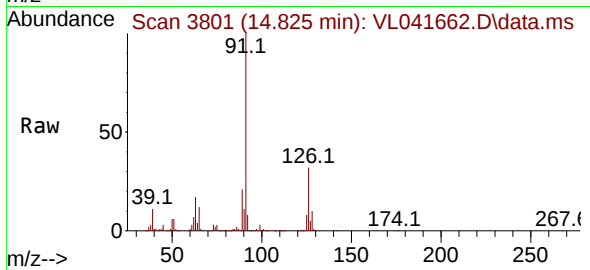
#71
2-Chlorotoluene
Concen: 10.604 ppbv
RT: 14.825 min Scan# 3185904
Delta R.T. 0.048 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01

Tgt Ion: 91 Resp: 3185904
Ion Ratio Lower Upper
91 100
126 31.8 12.9 51.5

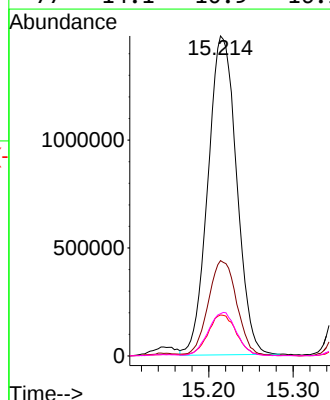
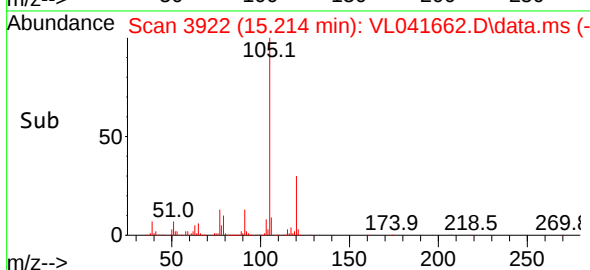
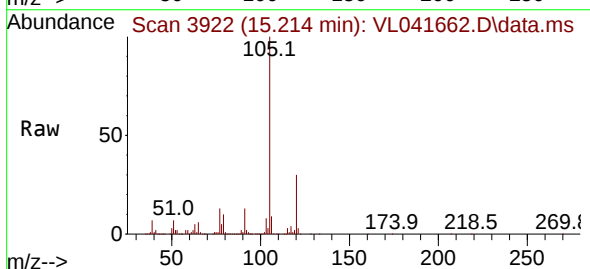
Manual Integrations
APPROVED

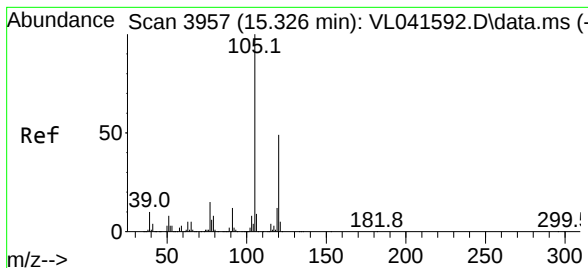
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#72
4-Ethyltoluene
Concen: 11.060 ppbv
RT: 15.214 min Scan# 3922
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

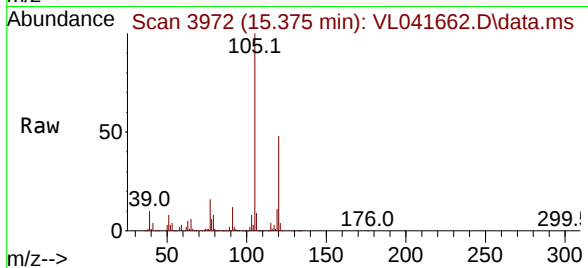
Tgt Ion:105 Resp: 3484380
Ion Ratio Lower Upper
105 100
120 30.0 24.1 36.1
91 13.6 10.2 15.2
77 14.1 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 10.737 ppbv
RT: 15.375 min Scan# 3957
Delta R.T. 0.048 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

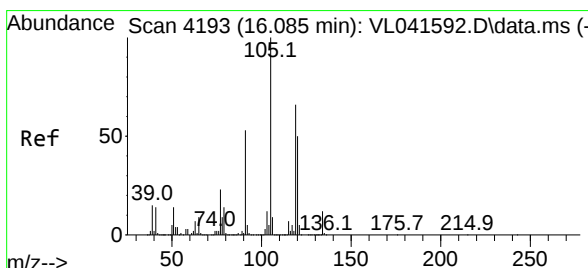
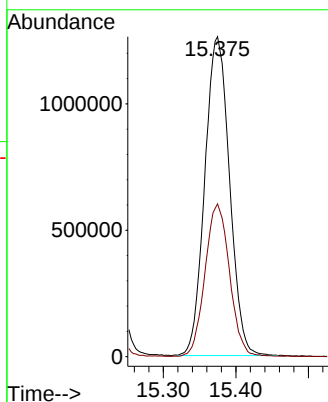
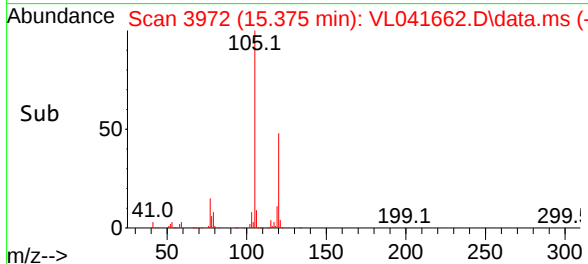
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



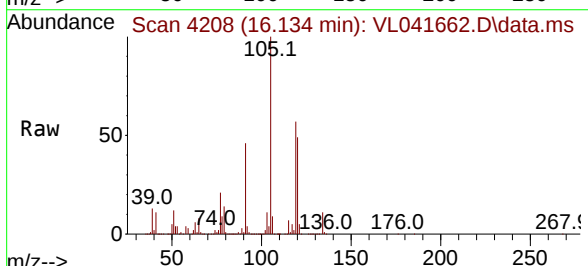
Tgt Ion:105 Resp: 298713
Ion Ratio Lower Upper
105 100
120 47.8 39.4 59.0

Manual Integrations
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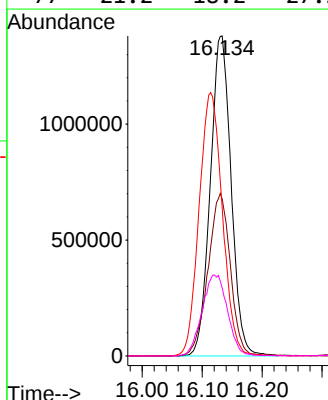
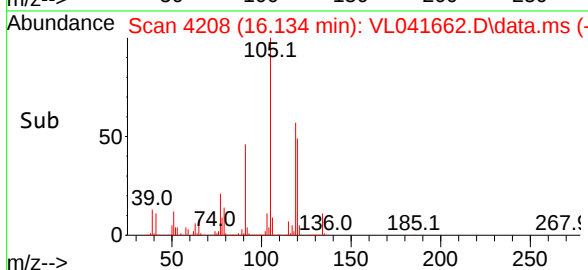
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

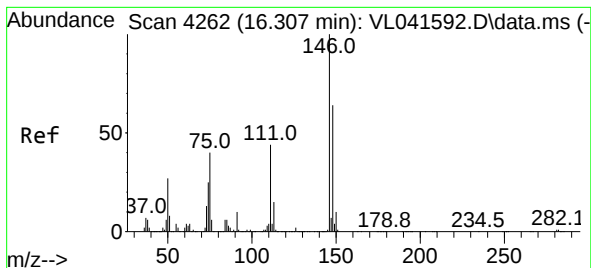


#74
1,2,4-Trimethylbenzene
Concen: 10.214 ppbv
RT: 16.134 min Scan# 4208
Delta R.T. 0.048 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02



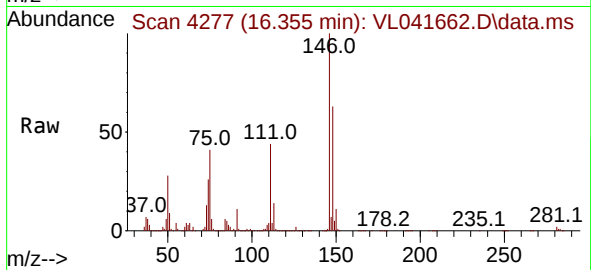
Tgt Ion:105 Resp: 3325802
Ion Ratio Lower Upper
105 100
120 49.0 39.9 59.9
91 46.1 42.6 63.8
77 21.2 18.2 27.2





#75
1,3-Dichlorobenzene
Concen: 9.783 ppbv
RT: 16.355 min Scan# 4321
Delta R.T. 0.048 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

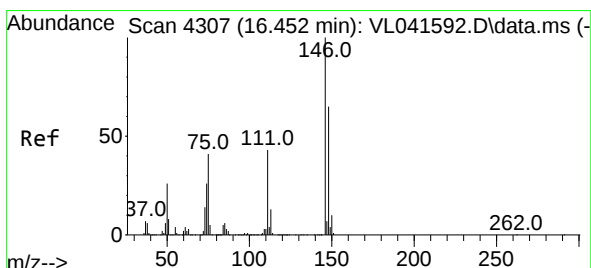
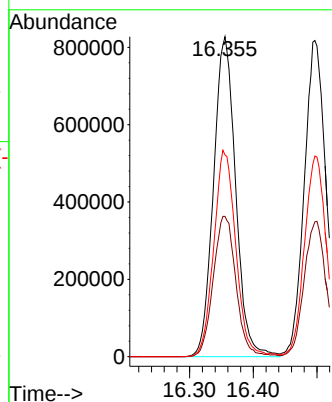
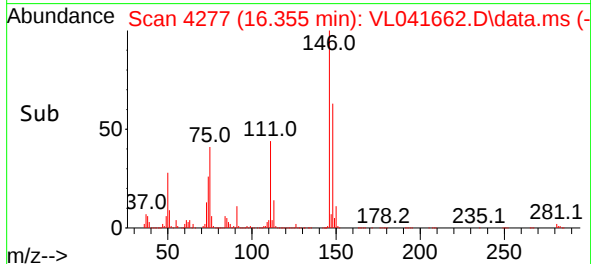
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



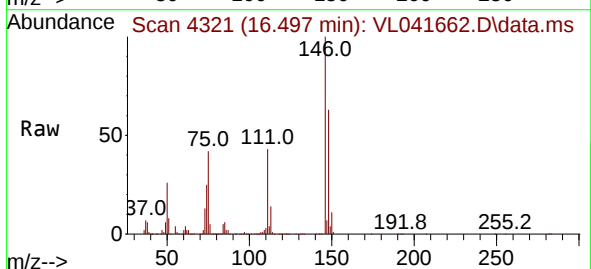
Tgt Ion:146 Resp: 1996430
Ion Ratio Lower Upper
146 100
111 45.0 22.4 67.0
148 64.3 32.1 96.5

Manual Integrations
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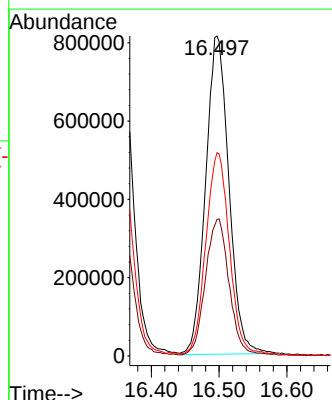
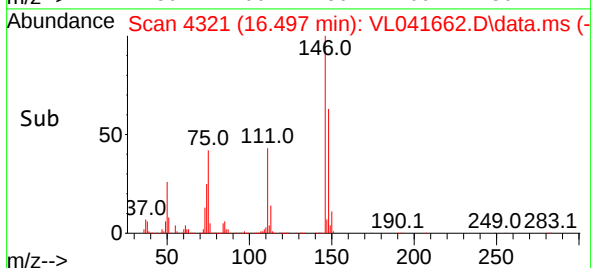
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

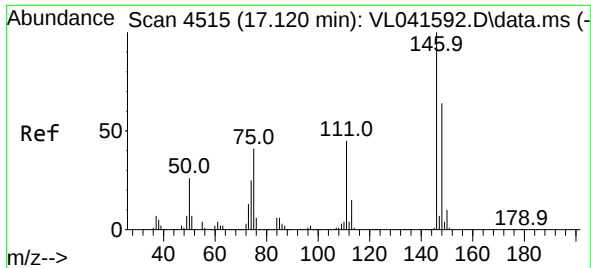


#76
1,4-Dichlorobenzene
Concen: 9.909 ppbv
RT: 16.497 min Scan# 4321
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02



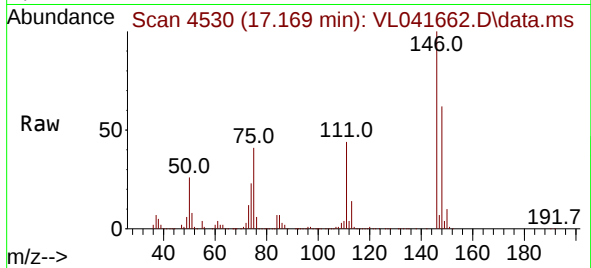
Tgt Ion:146 Resp: 1937729
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.3
148 65.6 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 9.647 ppbv
RT: 17.169 min Scan# 4515
Delta R.T. 0.048 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

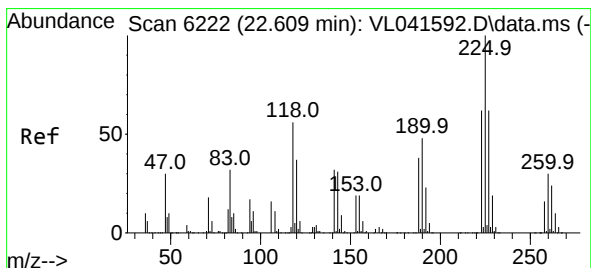
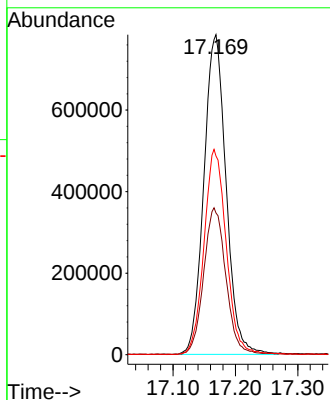
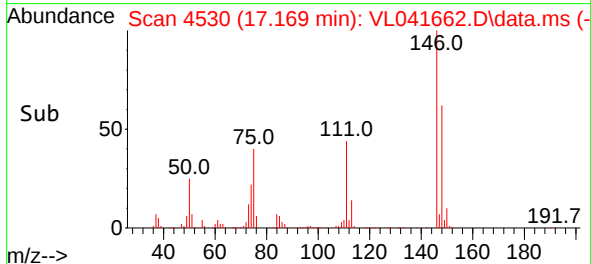
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



Tgt Ion:146 Resp: 1943634
Ion Ratio Lower Upper
146 100
111 46.1 23.4 70.0
148 64.2 32.5 97.4

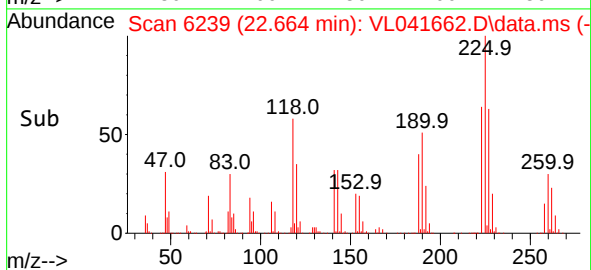
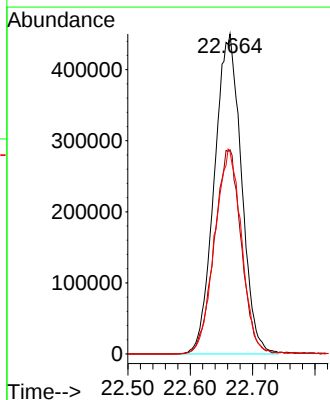
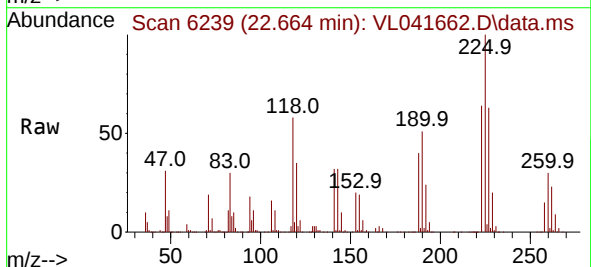
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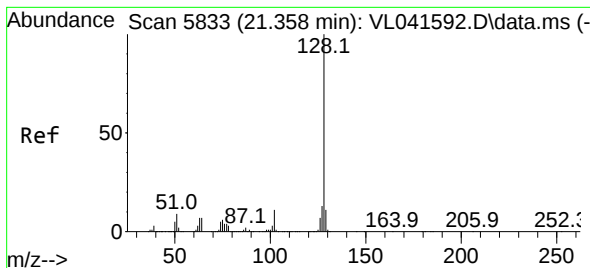
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#78
Hexachloro-1,3-Butadiene
Concen: 8.162 ppbv
RT: 22.664 min Scan# 6239
Delta R.T. 0.055 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion:225 Resp: 1356495
Ion Ratio Lower Upper
225 100
223 63.5 50.6 75.8
227 63.8 50.9 76.3





#79

Naphthalene

Concen: 10.827 ppbv

RT: 21.413 min Scan# 5833

Delta R.T. 0.055 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL1014ABS01

Tgt Ion:128 Resp: 259474

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

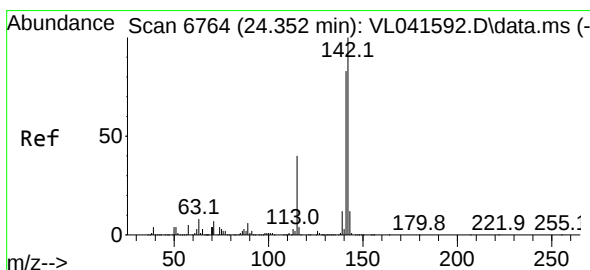
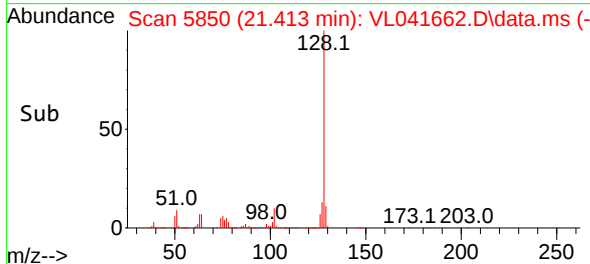
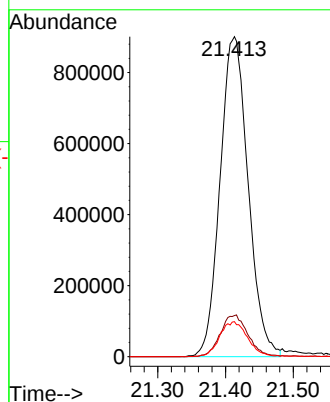
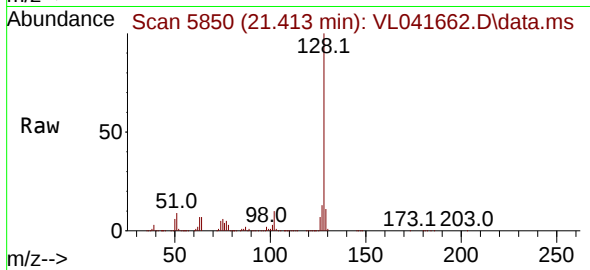
129 11.0 9.1 13.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#80

Naphthalene,2-methyl-

Concen: 4.964 ppbv

RT: 24.394 min Scan# 6777

Delta R.T. 0.042 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

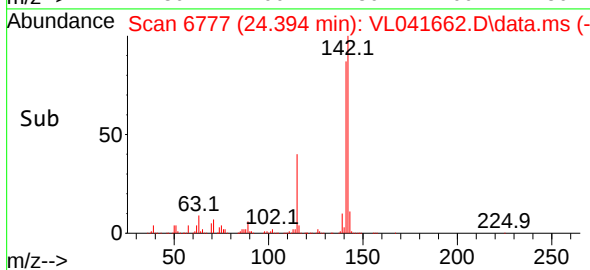
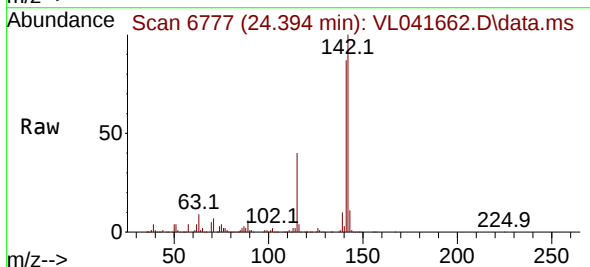
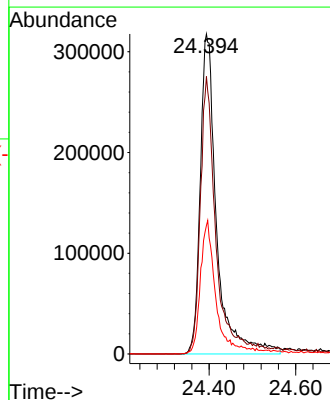
Tgt Ion:142 Resp: 833531

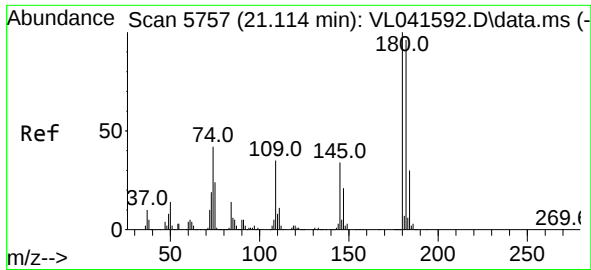
Ion Ratio Lower Upper

142 100

141 83.1 66.3 99.5

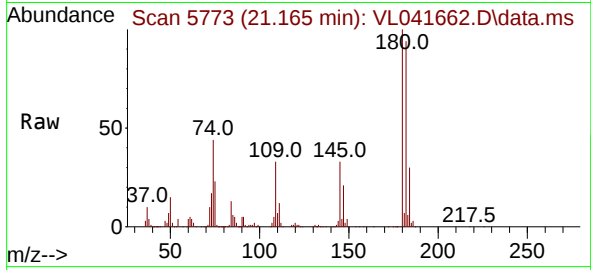
115 41.0 31.4 47.2





#81
1,2,4-Trichlorobenzene
Concen: 9.030 ppbv
RT: 21.165 min Scan# 51
Delta R.T. 0.052 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01



Tgt Ion:180 Resp: 1375748
Ion Ratio Lower Upper
180 100
182 97.8 76.5 114.7
184 31.1 24.7 37.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

