

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
 Data File : VL041622.D
 Acq On : 25 Sep 2024 13:54
 Operator : SY/MD
 Sample : VL0925ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0925ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 01:18:40 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	5.172	49	1053430	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2902874	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2897676m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2065412 9.683 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.700	85	1393274	9.158	ppbv	100
3) Chlorodifluoromethane	2.645	51	1280201	10.019	ppbv	99
4) Chloromethane	2.783	50	702088	9.990	ppbv	99
5) Vinyl Chloride	2.893	62	689651	11.334	ppbv	98
6) Bromomethane	3.092	94	261712	8.645	ppbv	97
7) Chloroethane	3.169	64	247405	10.454	ppbv	94
8) Dichlorotetrafluoroethane	2.828	85	1655380	10.373	ppbv	99
9) Propene	2.664	41	602550	11.180	ppbv	100
10) Heptane	7.565	43	1477147	11.706	ppbv	100
11) Trichlorofluoromethane	3.536	101	1642321	10.145	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.044	101	1185114	10.108	ppbv	99
13) Ethanol	3.221	45	24417m	6.026	ppbv	
14) Bromoethene	3.340	108	489076	11.001	ppbv	98
15) Acetone	3.443	43	1189365	8.993	ppbv	100
16) 1,3-Butadiene	2.957	39	691866	10.756	ppbv	97
17) tert-Butyl alcohol	3.854	59	1262047	10.851	ppbv	99
18) 1,1-Dichloroethene	3.857	96	530712	10.692	ppbv	98
19) Isopropyl Alcohol	3.549	45	658924	9.733	ppbv	99
20) Methylene Chloride	3.909	84	423040	8.514	ppbv	96
21) Allyl Chloride	3.973	41	827465	10.795	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	520284	10.508	ppbv	97
23) Vinyl Acetate	4.603	43	879339	12.088	ppbv	98
24) 1,1-Dichloroethane	4.542	63	1168189	10.699	ppbv	99
25) Ethyl Acetate	5.182	43	2662496	11.214	ppbv	99
26) Hexane	5.192	57	1085808	10.966	ppbv	99
27) Carbon Disulfide	4.102	76	1265369	12.022	ppbv	100
28) Methyl tert-Butyl Ether	4.565	73	665336	10.899	ppbv	99
29) Chloroform	5.256	83	1690713	10.435	ppbv	96
30) Cyclohexane	6.584	84	915022	11.989	ppbv	100
31) cis-1,2-Dichloroethene	5.060	61	1049584	11.166	ppbv	98
32) 1,1,1-Trichloroethane	5.986	97	1661681	11.514	ppbv	98
34) 2-Butanone	4.764	43	1450079	10.476	ppbv	100
35) Carbon Tetrachloride	6.475	117	1742080	12.231	ppbv	100
36) Benzene	6.352	78	2305701	11.437	ppbv	99
37) 1,2-Dichloroethane	5.790	62	1275250	10.902	ppbv	98
38) Trichloroethene	7.275	130	1147527	11.053	ppbv	98
39) 1,2-Dichloropropane	7.057	63	881849	10.752	ppbv	100
40) 1,4-Dioxane	7.269	88	322938	10.445	ppbv #	94
41) Tetrahydrofuran	5.539	42	905178	11.883	ppbv	99
42) Bromodichloromethane	7.233	83	1844041	11.331	ppbv	98
43) Methyl Methacrylate	7.458	69	908053	12.587	ppbv	98
44) 2,2,4-Trimethylpentane	7.311	57	3919378	11.237	ppbv	100
45) t-1,3-Dichloropropene	8.696	75	678197	11.660	ppbv	97

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 09/26/2024
 Supervised By : Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 01:18:40 2024

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

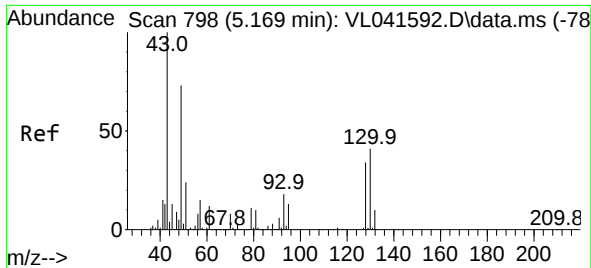
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

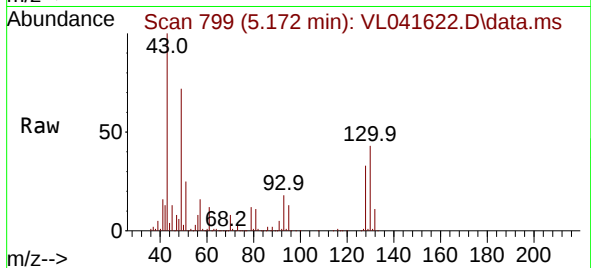
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	985638	11.567	ppbv	98
47) 1,1,2-Trichloroethane	8.886	97	942053	10.818	ppbv	98
48) Dibromochloromethane	9.696	129	1555383	11.789	ppbv	100
49) Bromoform	12.394	173	1335562	11.792	ppbv	99
50) 4-Methyl-2-Pentanone	8.163	43	2583921	12.088	ppbv	100
51) 2-Hexanone	9.536	43	2060154	12.742	ppbv	99
52) Tetrachloroethene	10.603	164	848668	11.626	ppbv	96
53) Toluene	9.208	91	2665981	12.458	ppbv	100
54) 1,2-Dibromoethane	9.995	107	1248129	11.639	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.497	131	1159300	10.247	ppbv	98
57) Chlorobenzene	11.513	112	2063521	9.877	ppbv	99
58) Ethyl Benzene	12.076	91	3573189	11.519	ppbv	99
59) m/p-Xylene	12.362	91	6050478m	21.916	ppbv	
60) o-Xylene	13.043	91	2943780	11.122	ppbv	99
61) Styrene	12.883	104	1402453	12.683	ppbv	99
62) Isopropylbenzene	14.018	105	4275506	10.662	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.034	83	1521452	11.243	ppbv	99
64) n-propylbenzene	14.902	120	1139932	11.007	ppbv	100
65) tert-Butylbenzene	16.075	119	3801784	10.343	ppbv	100
66) Benzyl Chloride	16.310	91	217495m	11.381	ppbv	
67) sec-Butylbenzene	16.622	105	5364662	10.519	ppbv	100
69) p-Isopropyltoluene	16.982	119	4476951	10.845	ppbv	100
70) n-Butylbenzene	17.873	91	4549352	10.520	ppbv	100
71) 2-Chlorotoluene	14.789	91	3173109	10.754	ppbv	100
72) 4-Ethyltoluene	15.178	105	3467948	11.209	ppbv	98
73) 1,3,5-Trimethylbenzene	15.336	105	2990295	10.945	ppbv	97
74) 1,2,4-Trimethylbenzene	16.095	105	3289288	10.286	ppbv	99
75) 1,3-Dichlorobenzene	16.317	146	1975242	9.856	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	1917260	9.983	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1935877	9.784	ppbv	100
78) Hexachloro-1,3-Butadiene	22.619	225	1356779	8.313	ppbv	99
79) Naphthalene	21.371	128	2614193	11.108	ppbv	100
80) Naphthalene,2-methyl-	24.361	142	861545	5.224	ppbv	100
81) 1,2,4-Trichlorobenzene	21.127	180	1379923	9.222	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 798
Delta R.T. 0.003 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

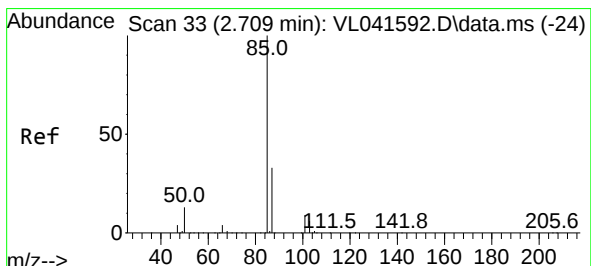
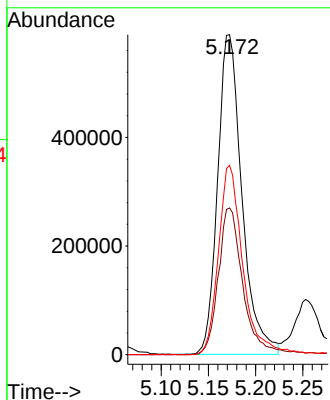
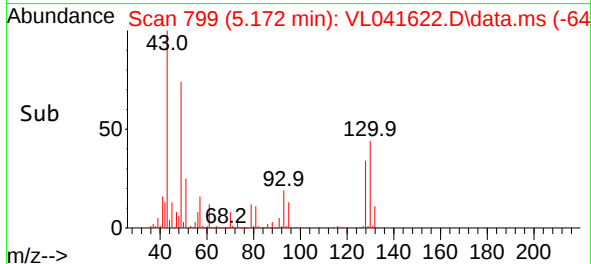
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



Tgt Ion: 49 Resp: 1053430
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.5
130 60.5 30.4 91.3

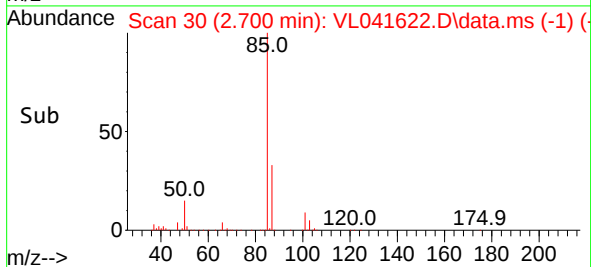
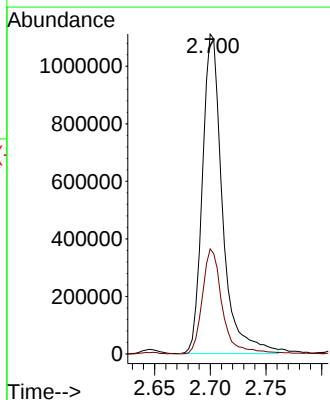
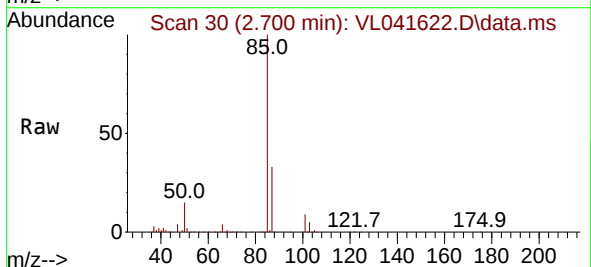
Manual Integrations
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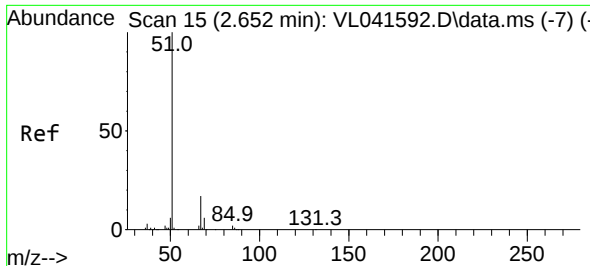
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#2
Dichlorodifluoromethane
Concen: 9.158 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Tgt Ion: 85 Resp: 1393274
Ion Ratio Lower Upper
85 100
87 32.8 26.3 39.5





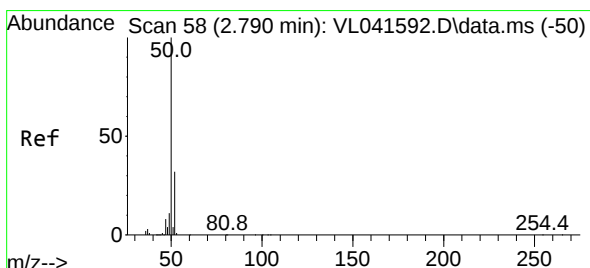
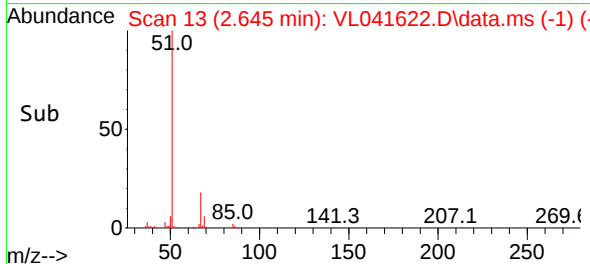
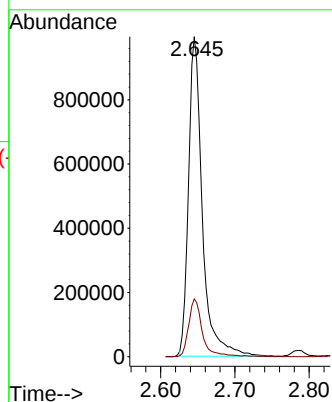
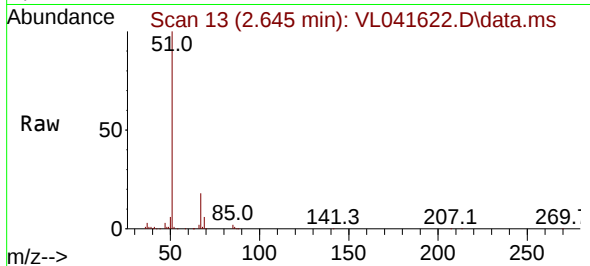
#3
Chlorodifluoromethane
Concen: 10.019 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01

Tgt Ion: 51 Resp: 128020
Ion Ratio Lower Upper
51 100
67 17.8 14.1 21.1

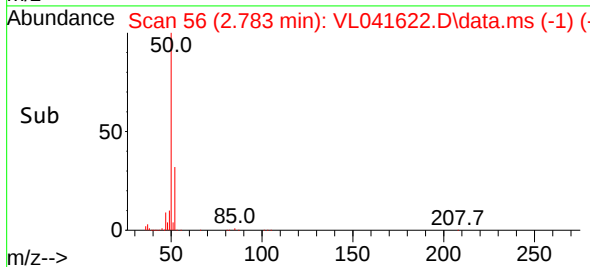
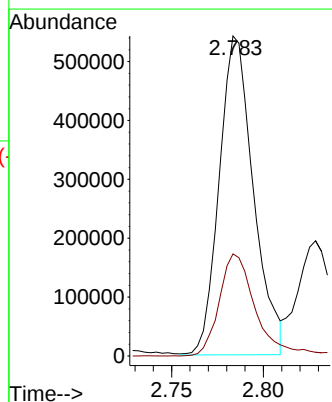
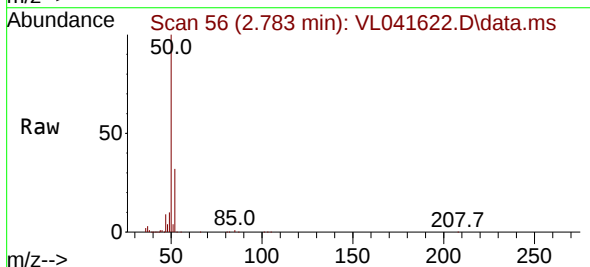
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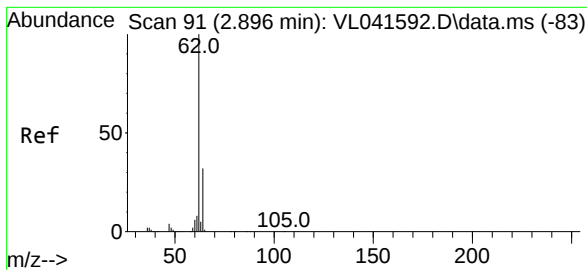
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#4
Chloromethane
Concen: 9.990 ppbv
RT: 2.783 min Scan# 56
Delta R.T. -0.006 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

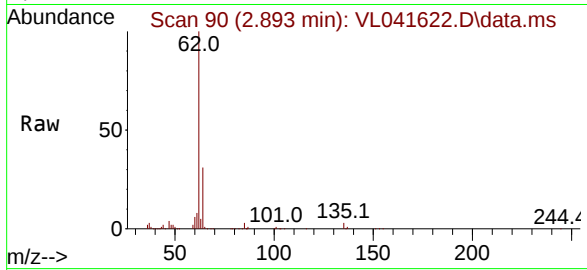
Tgt Ion: 50 Resp: 702088
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2





#5
 Vinyl Chloride
 Concen: 11.334 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VL041622.D
 Acq: 25 Sep 2024 13:54

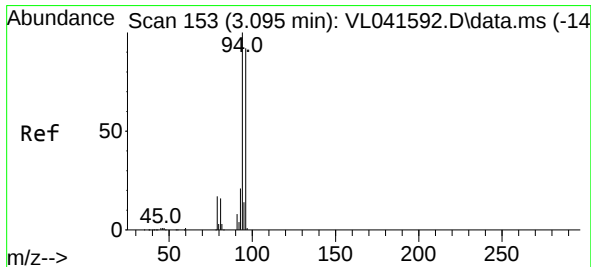
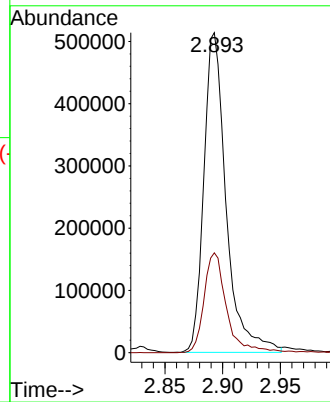
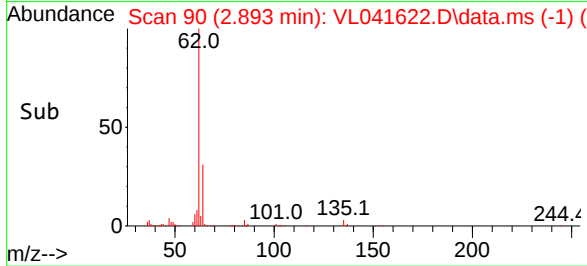
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0925ABS01



Tgt Ion: 62 Resp: 68965
 Ion Ratio Lower Upper
 62 100
 64 31.2 26.0 39.0

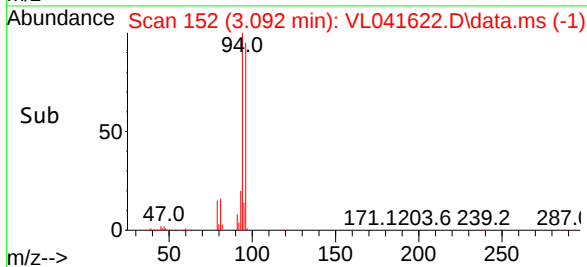
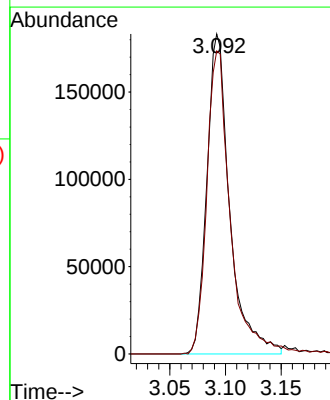
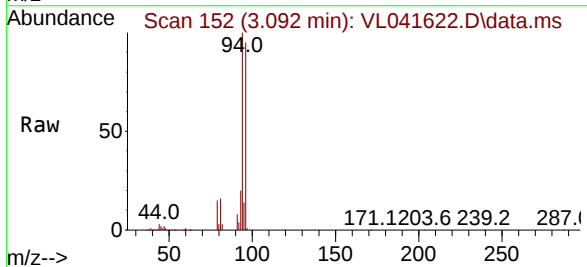
Manual Integrations
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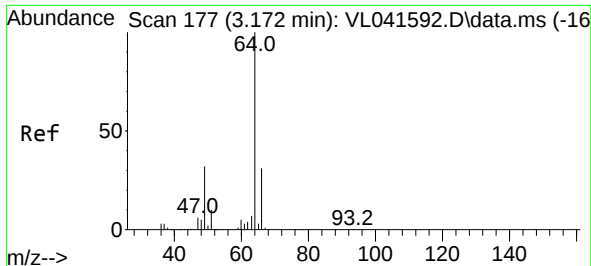
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024



#6
 Bromomethane
 Concen: 8.645 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. -0.003 min
 Lab File: VL041622.D
 Acq: 25 Sep 2024 13:54

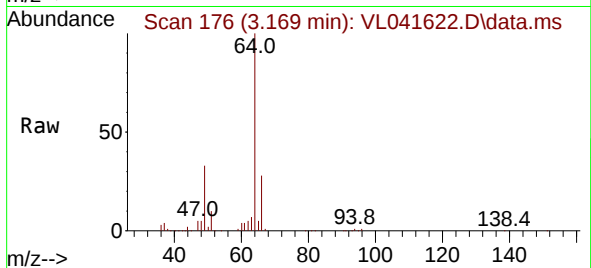
Tgt Ion: 94 Resp: 261712
 Ion Ratio Lower Upper
 94 100
 96 94.7 73.4 110.2





#7
Chloroethane
Concen: 10.454 ppbv
RT: 3.169 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

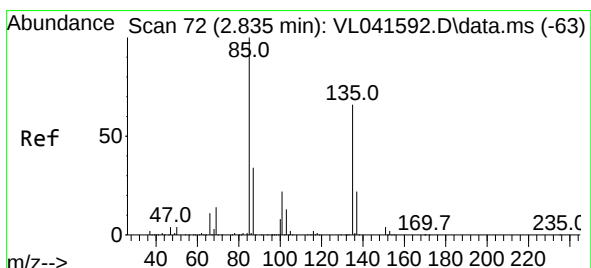
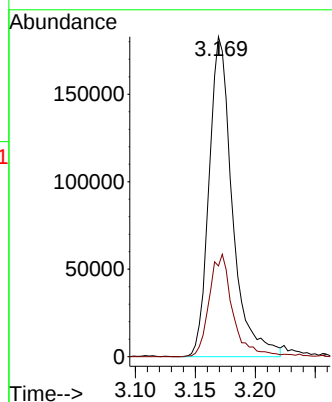
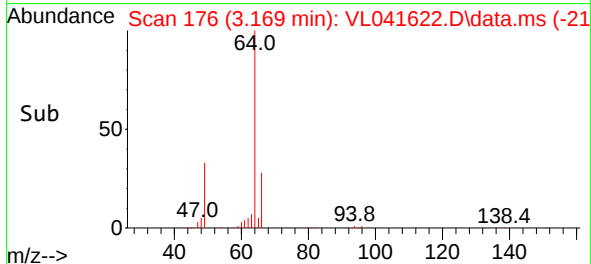
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



Tgt Ion: 64 Resp: 247409
Ion Ratio Lower Upper
64 100
66 28.3 25.1 37.7

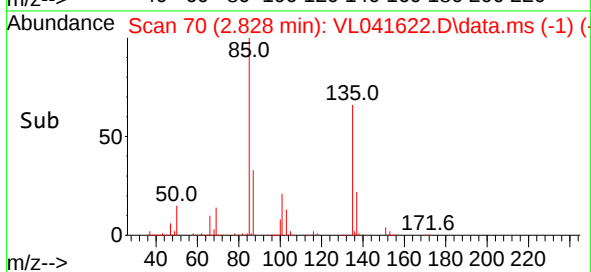
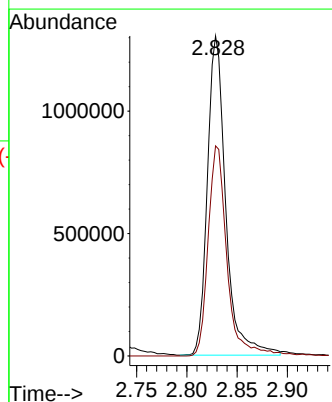
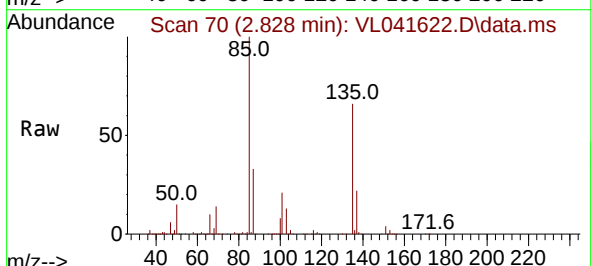
Manual Integrations
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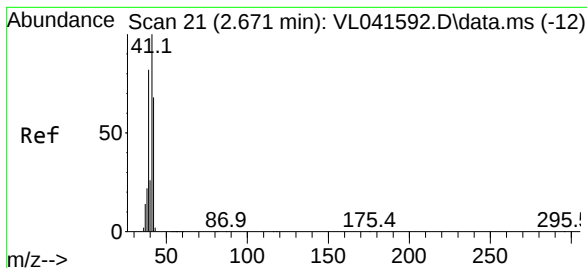
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#8
Dichlorotetrafluoroethane
Concen: 10.373 ppbv
RT: 2.828 min Scan# 70
Delta R.T. -0.006 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Tgt Ion: 85 Resp: 1655380
Ion Ratio Lower Upper
85 100
135 68.3 53.9 80.9





#9

Propene

Concen: 11.180 ppbv

RT: 2.664 min Scan# 1543

Delta R.T. -0.006 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Instrument :

MSVOA_L

ClientSampleId :

VL0925ABS01

Tgt Ion: 41 Resp: 602550

Ion Ratio Lower Upper

41 100

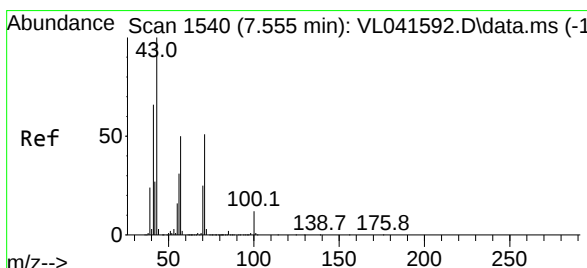
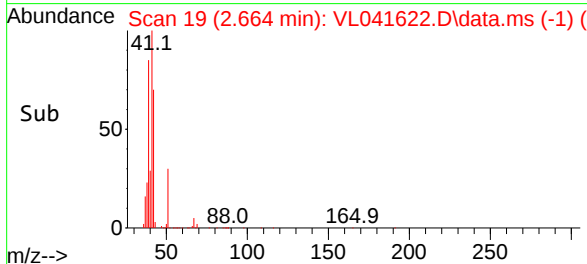
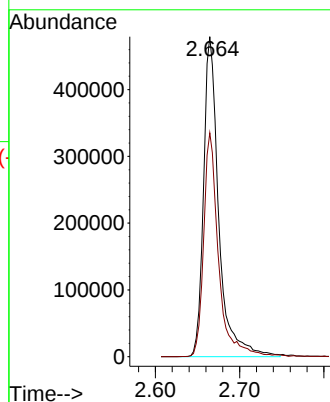
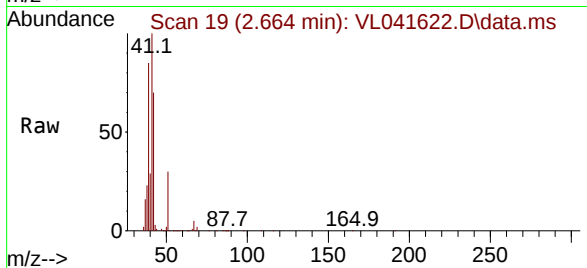
42 69.1 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#10

Heptane

Concen: 11.706 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. 0.010 min

Lab File: VL041622.D

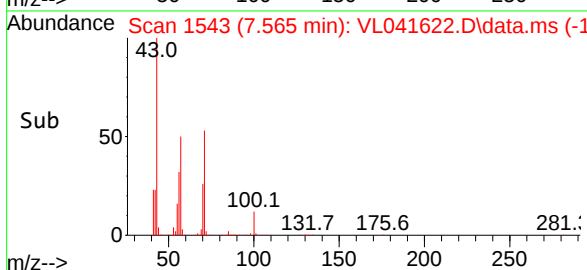
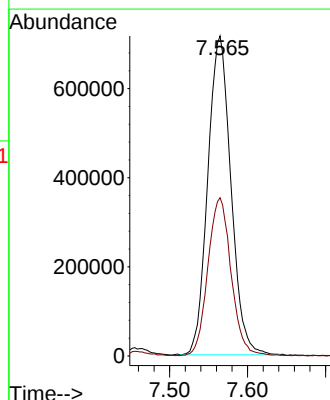
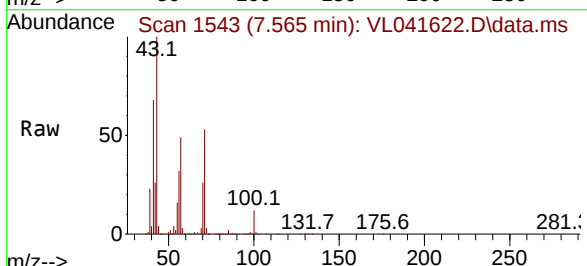
Acq: 25 Sep 2024 13:54

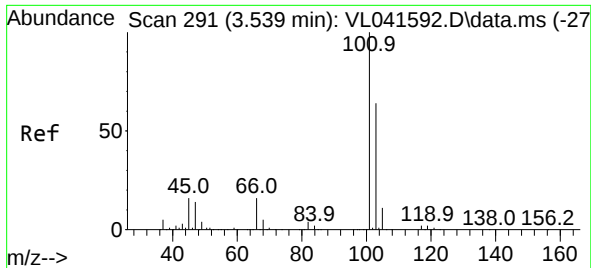
Tgt Ion: 43 Resp: 1477147

Ion Ratio Lower Upper

43 100

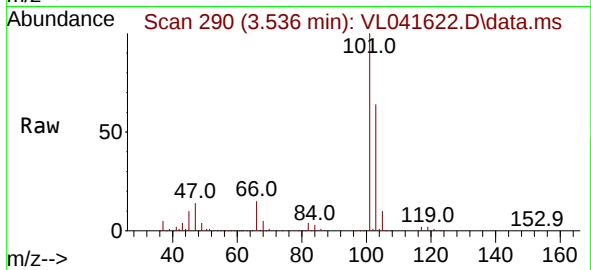
57 50.1 39.8 59.8





#11
Trichlorofluoromethane
Concen: 10.145 ppbv
RT: 3.536 min Scan# 291
Delta R.T. -0.003 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

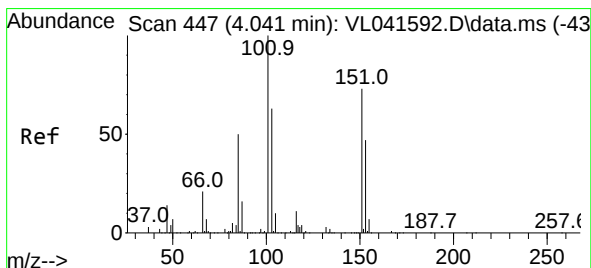
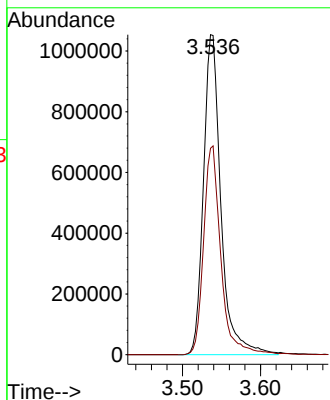
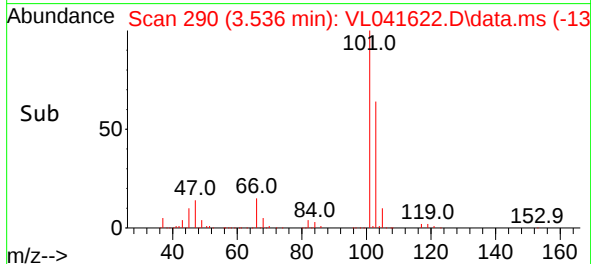
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



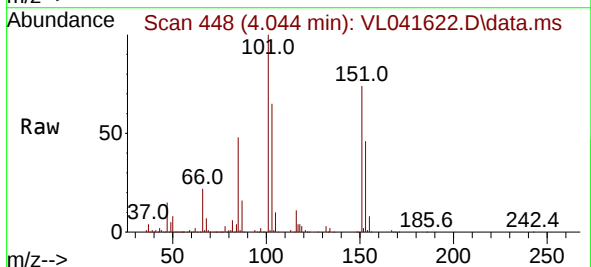
Tgt Ion:101 Resp: 164232
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8

Manual Integrations
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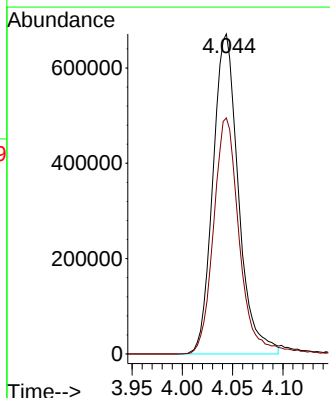
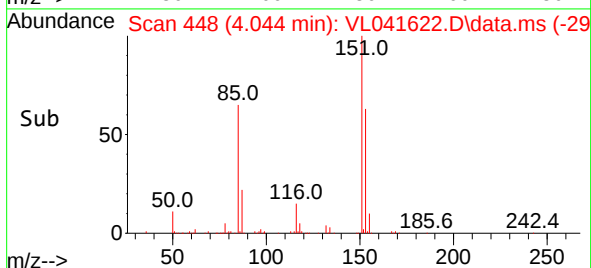
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

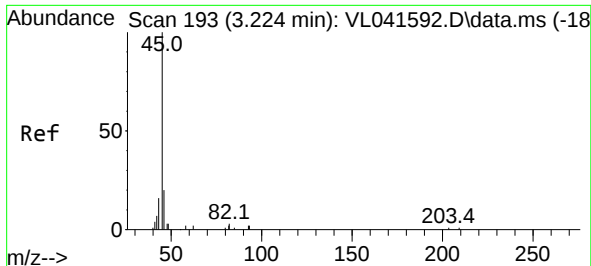


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.108 ppbv
RT: 4.044 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54



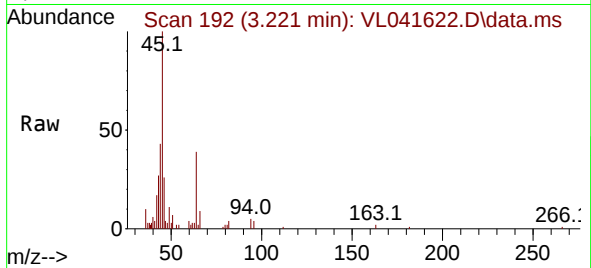
Tgt Ion:101 Resp: 1185114
Ion Ratio Lower Upper
101 100
151 75.2 59.4 89.2





#13
Ethanol
Concen: 6.026 ppbv m
RT: 3.221 min Scan# 193
Delta R.T. -0.003 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

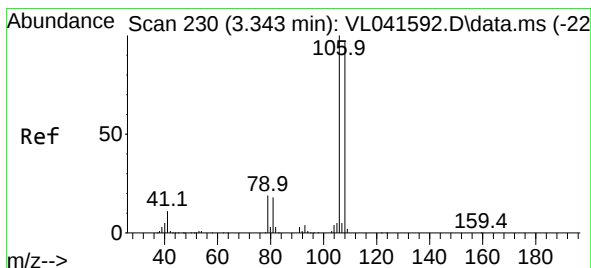
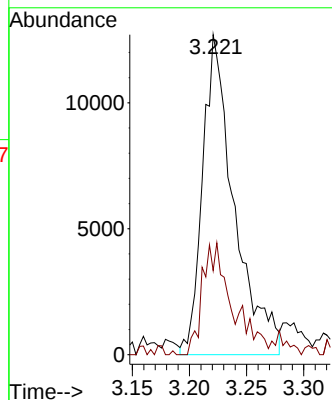
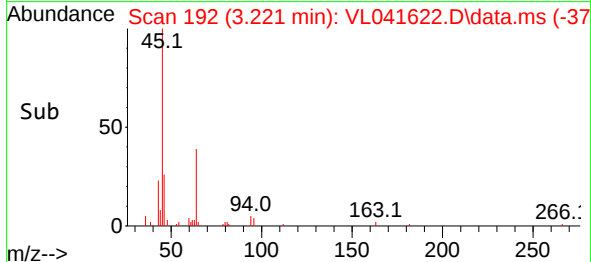
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



Tgt Ion: 45 Resp: 2441
Ion Ratio Lower Upper
45 100
46 36.7 15.2 60.8

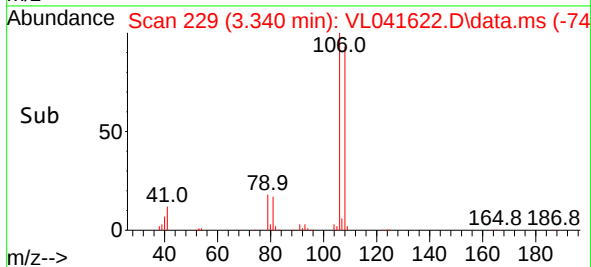
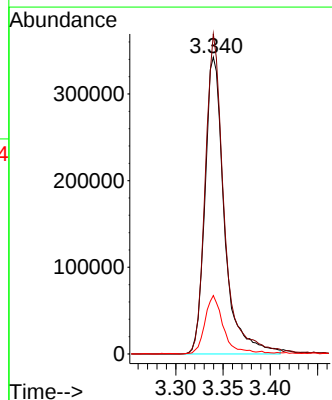
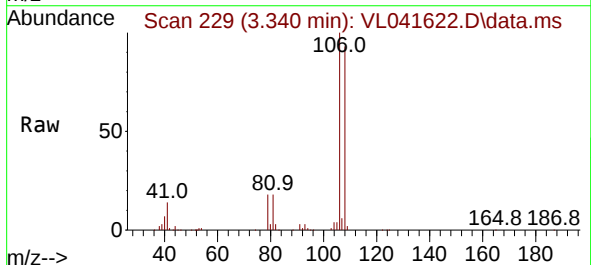
Manual Integrations
APPROVED

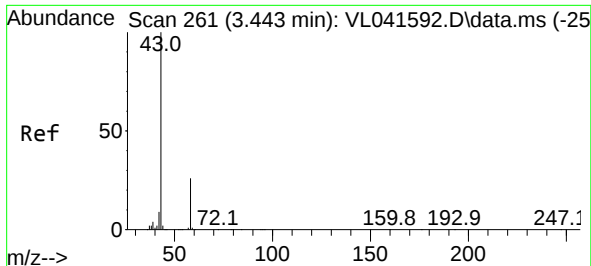
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#14
Bromoethene
Concen: 11.001 ppbv
RT: 3.340 min Scan# 229
Delta R.T. -0.003 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

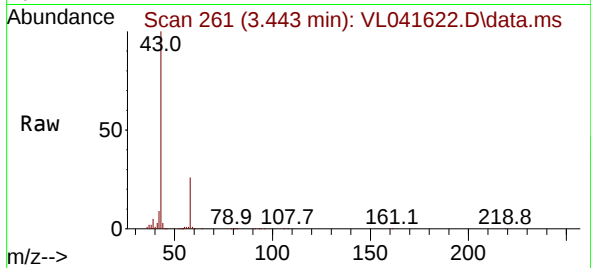
Tgt Ion:108 Resp: 489076
Ion Ratio Lower Upper
108 100
106 105.8 86.5 129.7
79 19.9 16.2 24.4





#15
Acetone
Concen: 8.993 ppbv
RT: 3.443 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

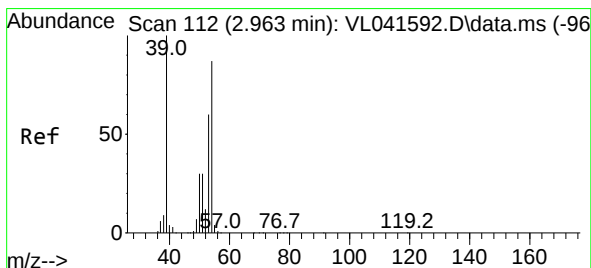
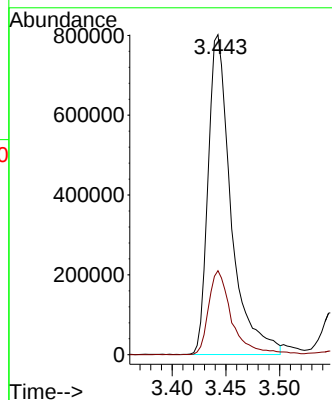
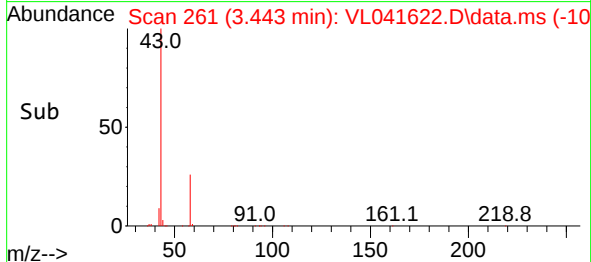
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



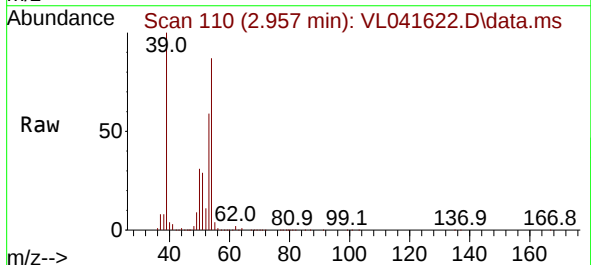
Tgt Ion: 43 Resp: 118936
Ion Ratio Lower Upper
43 100
58 26.9 21.5 32.3

Manual Integrations
APPROVED

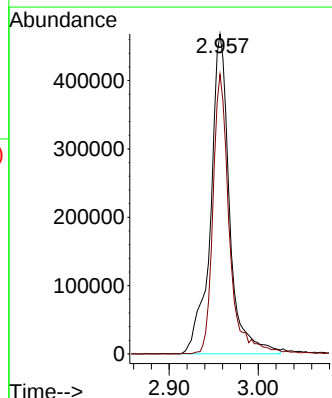
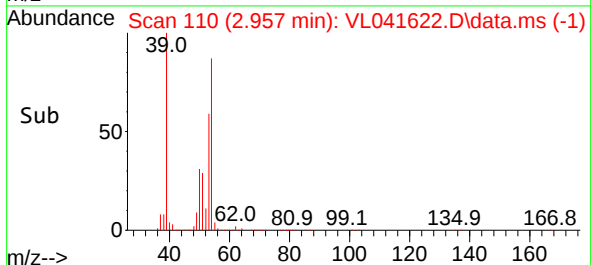
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

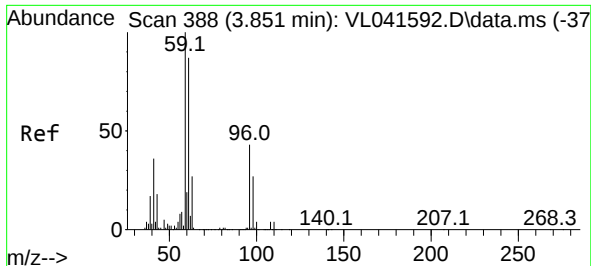


#16
1,3-Butadiene
Concen: 10.756 ppbv
RT: 2.957 min Scan# 110
Delta R.T. -0.006 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54



Tgt Ion: 39 Resp: 691866
Ion Ratio Lower Upper
39 100
54 76.2 62.9 94.3





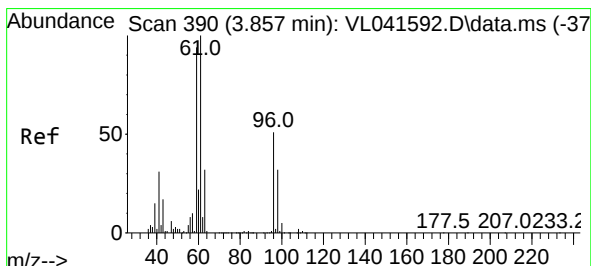
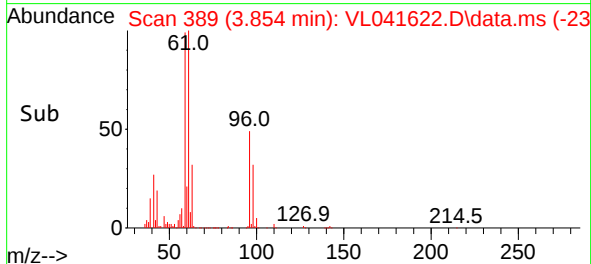
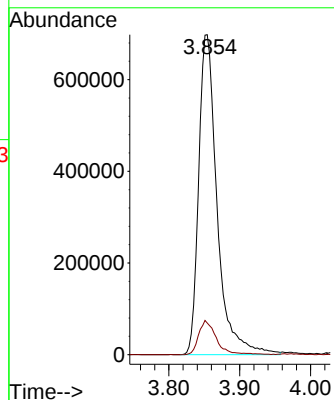
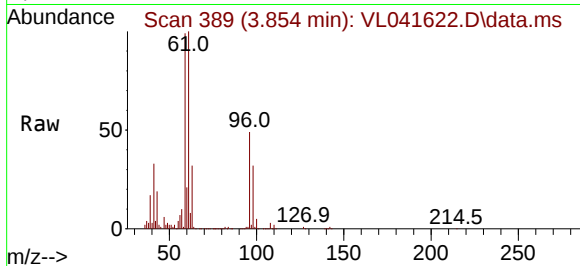
#17
tert-Butyl alcohol
Concen: 10.851 ppbv
RT: 3.854 min Scan# 388
Delta R.T. 0.003 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01

Tgt Ion: 59 Resp: 126204
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

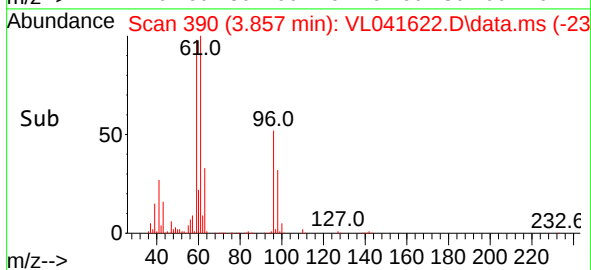
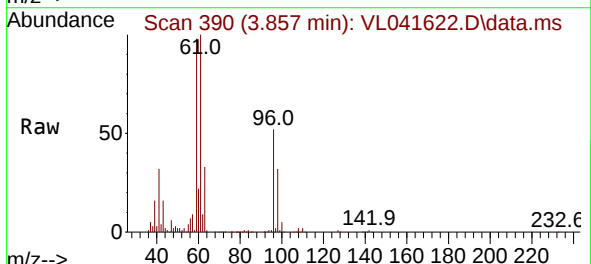
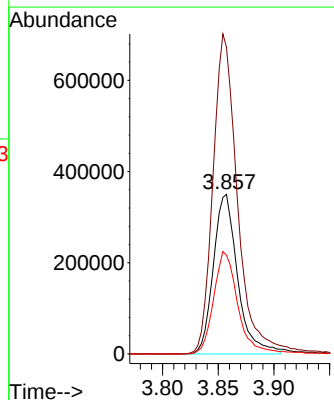
Manual Integrations
APPROVED

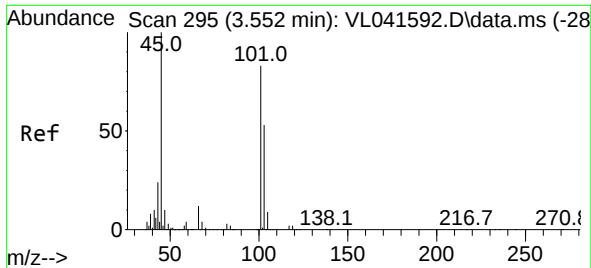
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#18
1,1-Dichloroethene
Concen: 10.692 ppbv
RT: 3.857 min Scan# 390
Delta R.T. 0.000 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

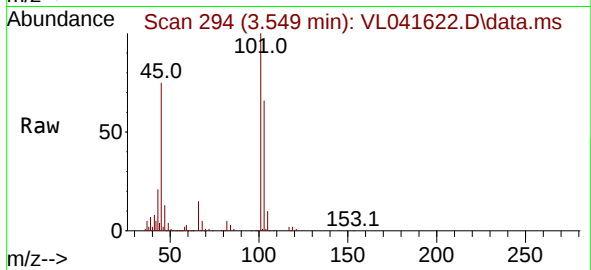
Tgt Ion: 96 Resp: 530712
Ion Ratio Lower Upper
96 100
61 192.2 155.6 233.4
98 61.9 50.6 75.8





#19
Isopropyl Alcohol
Concen: 9.733 ppbv
RT: 3.549 min Scan# 295
Delta R.T. -0.003 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

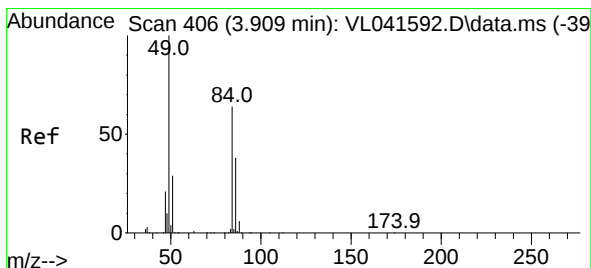
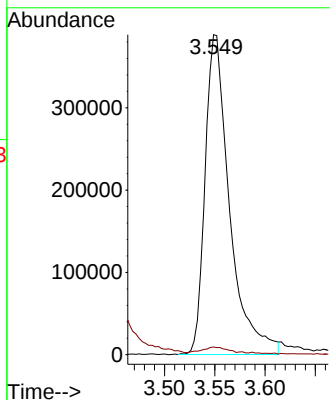
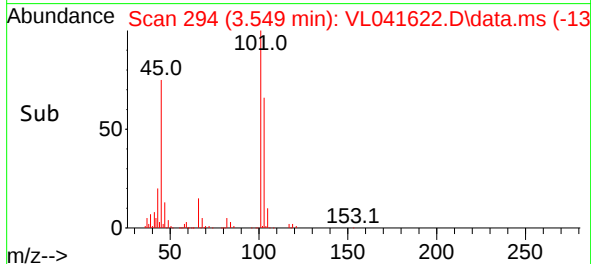
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



Tgt Ion: 45 Resp: 658924
Ion Ratio Lower Upper
45 100
58 2.9 2.1 3.1

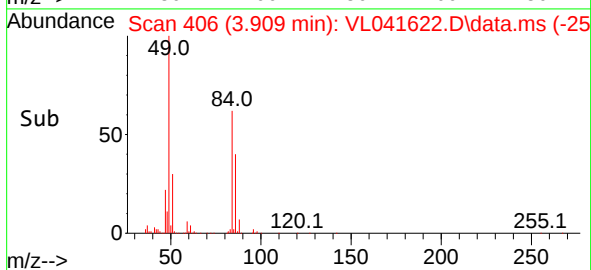
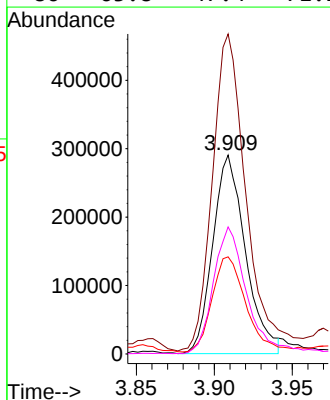
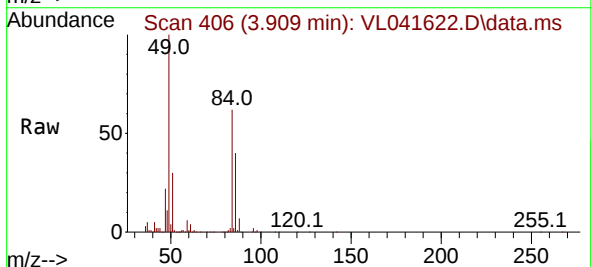
Manual Integrations
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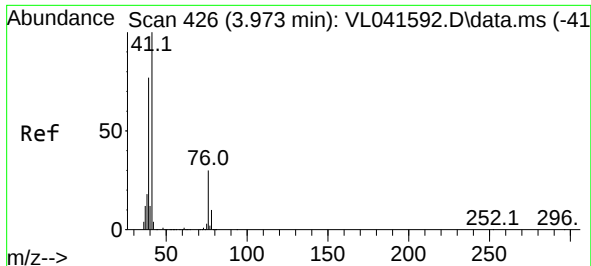
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#20
Methylene Chloride
Concen: 8.514 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.000 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Tgt Ion: 84 Resp: 423040
Ion Ratio Lower Upper
84 100
49 159.7 124.3 186.5
51 47.8 36.3 54.5
86 63.8 47.4 71.2





#21

Allyl Chloride

Concen: 10.795 ppbv

RT: 3.973 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041622.D

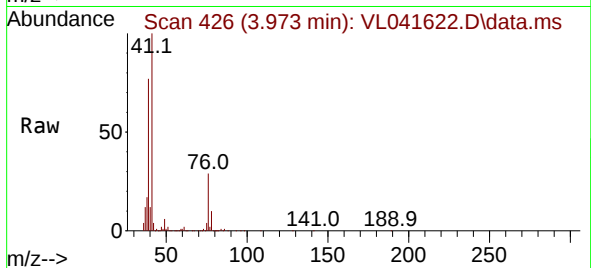
Acq: 25 Sep 2024 13:54

Instrument :

MSVOA_L

ClientSampleId :

VL0925ABS01



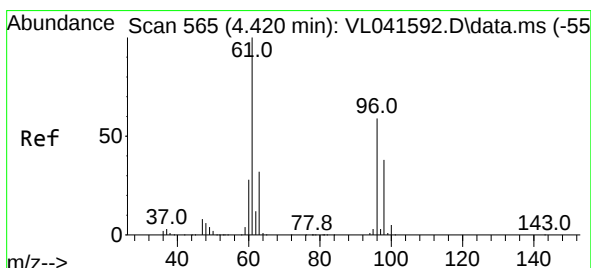
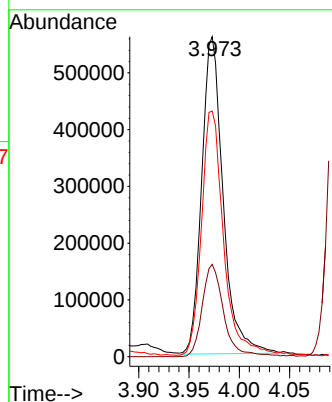
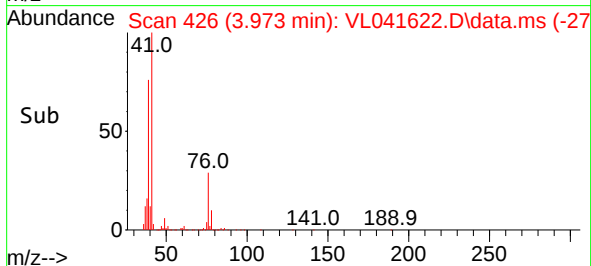
Tgt Ion: 41 Resp: 82746

Ion	Ratio	Lower	Upper
41	100		
76	29.2	23.8	35.6
39	80.7	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#22

trans-1,2-Dichloroethene

Concen: 10.508 ppbv

RT: 4.423 min Scan# 566

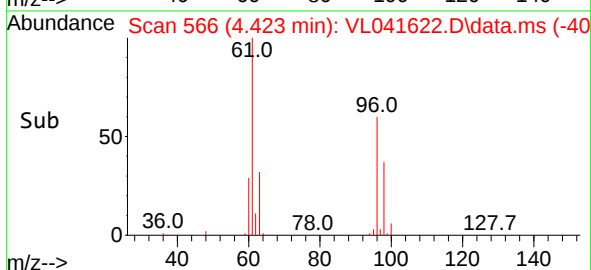
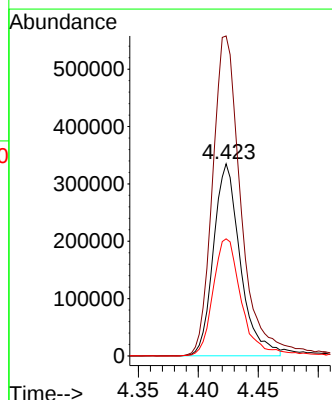
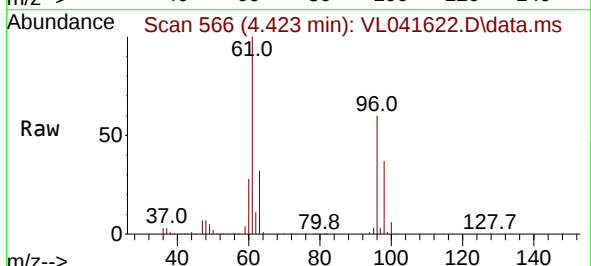
Delta R.T. 0.003 min

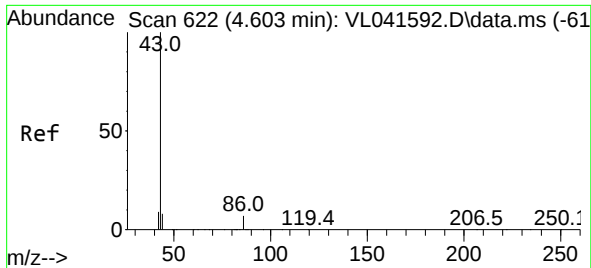
Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Tgt Ion: 96 Resp: 520284

Ion	Ratio	Lower	Upper
96	100		
61	166.5	135.7	203.5
98	60.9	50.9	76.3





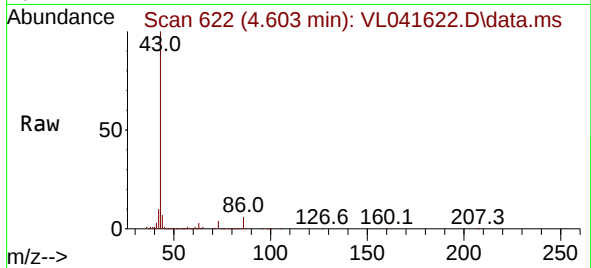
#23
 Vinyl Acetate
 Concen: 12.088 ppbv
 RT: 4.603 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041622.D
 Acq: 25 Sep 2024 13:54

Instrument :

MSVOA_L

ClientSampleId :

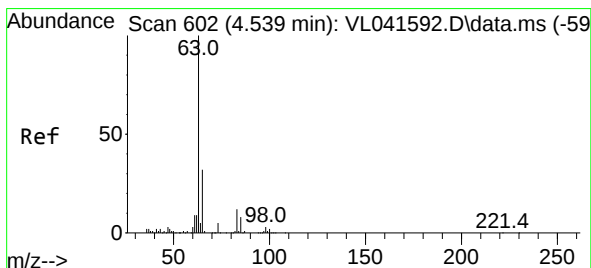
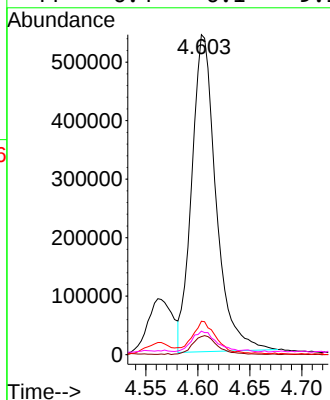
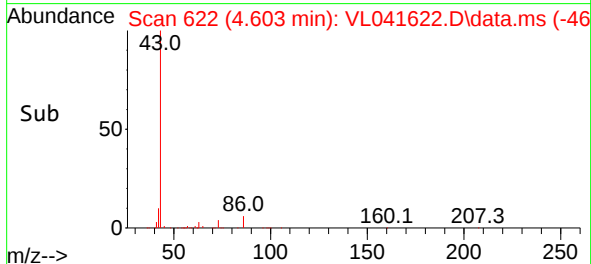
VL0925ABS01



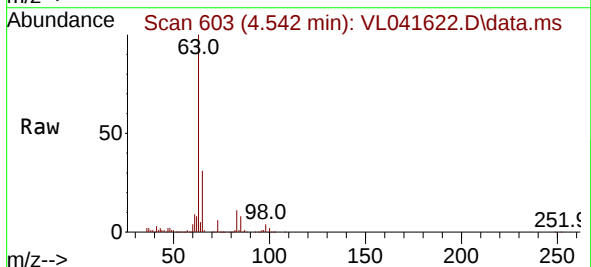
Tgt Ion: 43 Resp: 879339
 Ion Ratio Lower Upper
 43 100
 86 5.7 4.9 7.3
 42 10.4 8.0 12.0
 44 6.4 6.1 9.1

Manual Integrations
 APPROVED

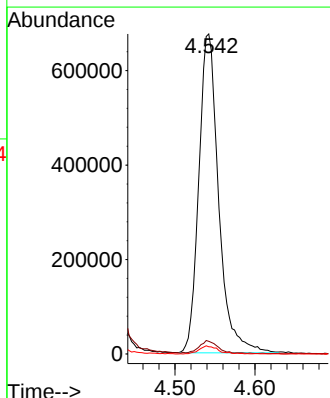
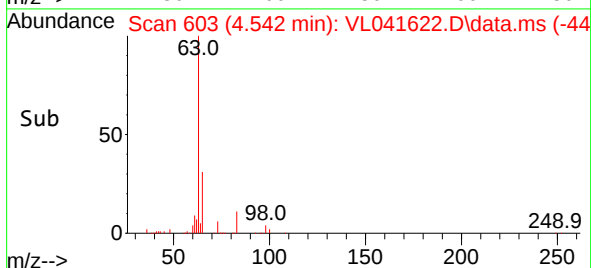
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

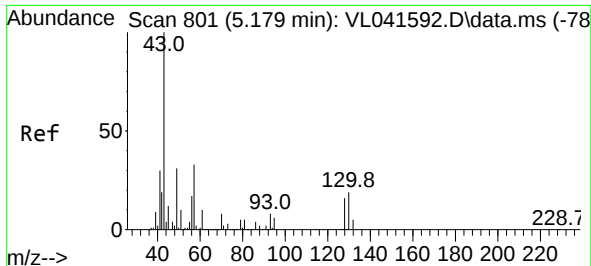


#24
 1,1-Dichloroethane
 Concen: 10.699 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. 0.003 min
 Lab File: VL041622.D
 Acq: 25 Sep 2024 13:54



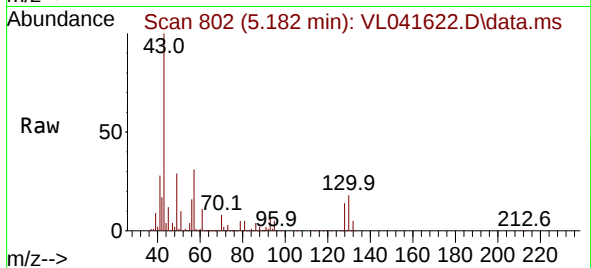
Tgt Ion: 63 Resp: 1168189
 Ion Ratio Lower Upper
 63 100
 98 3.8 1.7 5.1
 100 2.3 1.1 3.3





#25
Ethyl Acetate
Concen: 11.214 ppbv
RT: 5.182 min Scan# 801
Delta R.T. 0.003 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

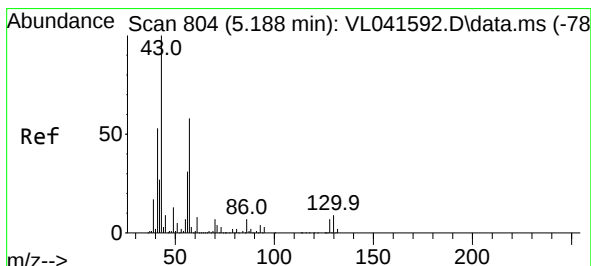
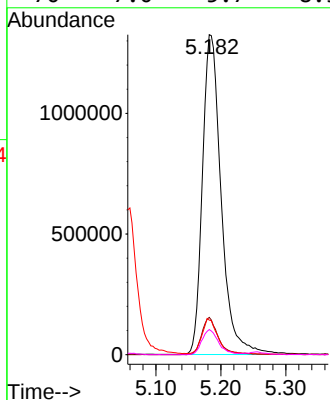
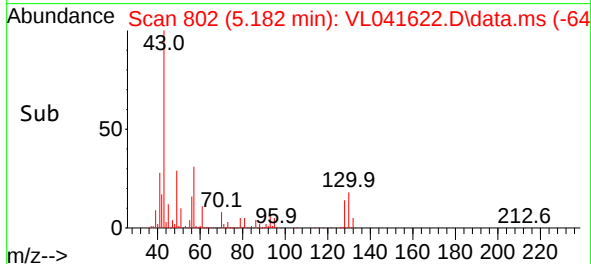
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



Tgt Ion: 43 Resp: 2662490
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.2
61 10.2 8.0 12.0
70 7.0 5.7 8.5

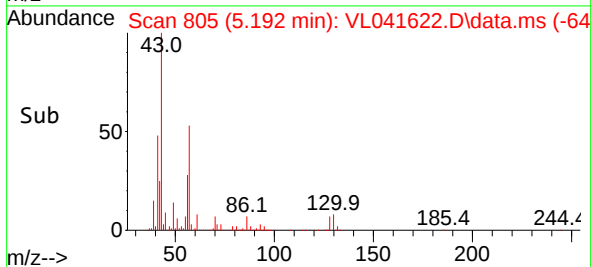
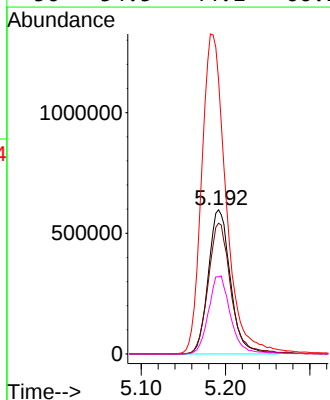
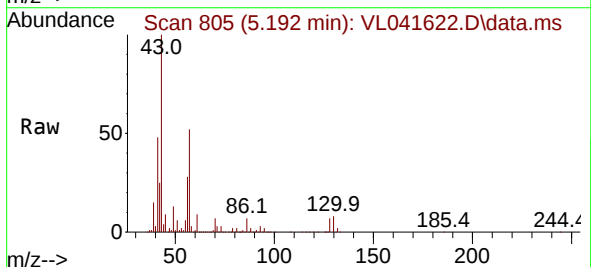
Manual Integrations
APPROVED

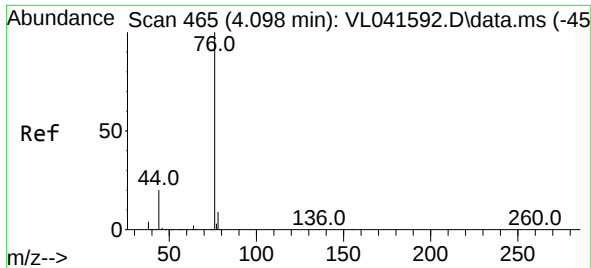
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#26
Hexane
Concen: 10.966 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Tgt Ion: 57 Resp: 1085808
Ion Ratio Lower Upper
57 100
41 94.6 75.7 113.5
43 246.4 198.5 297.7
56 54.5 44.1 66.1





#27

Carbon Disulfide

Concen: 12.022 ppbv

RT: 4.102 min Scan# 4

Delta R.T. 0.003 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Instrument :

MSVOA_L

ClientSampleId :

VL0925ABS01

Tgt Ion: 76 Resp: 126536

Ion Ratio Lower Upper

76 100

44 20.0 15.8 23.8

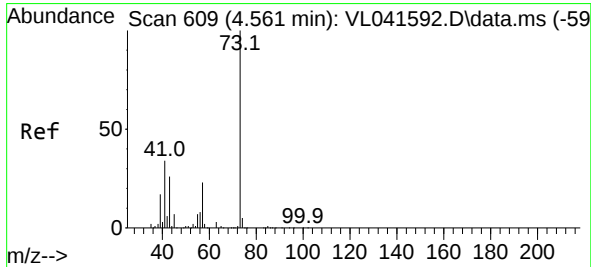
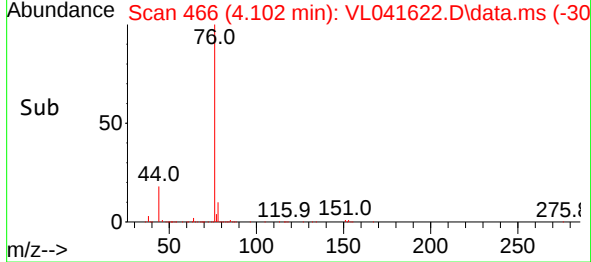
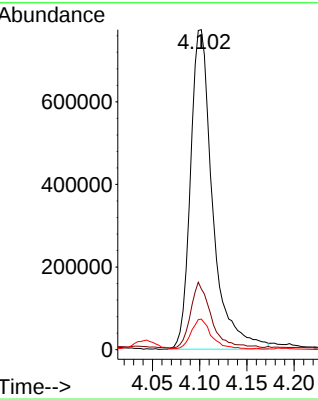
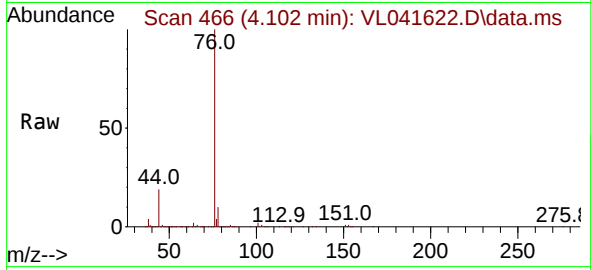
78 9.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#28

Methyl tert-Butyl Ether

Concen: 10.899 ppbv

RT: 4.565 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041622.D

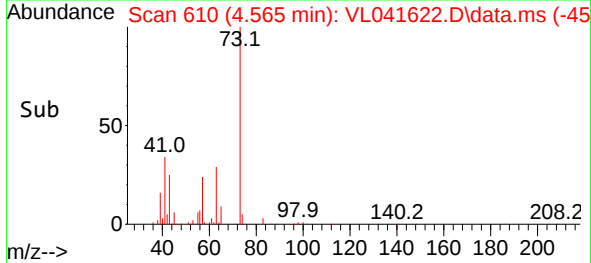
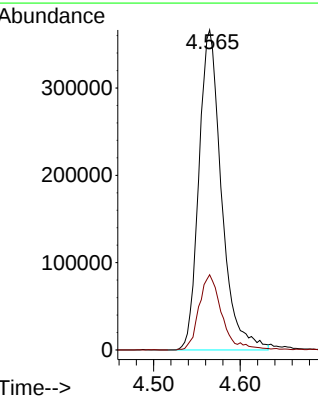
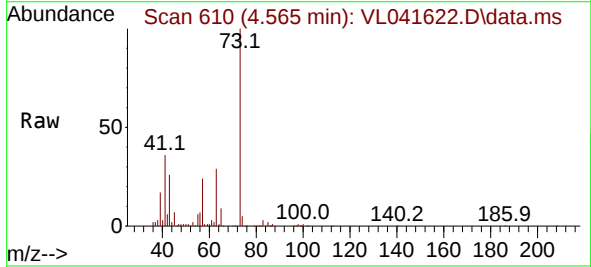
Acq: 25 Sep 2024 13:54

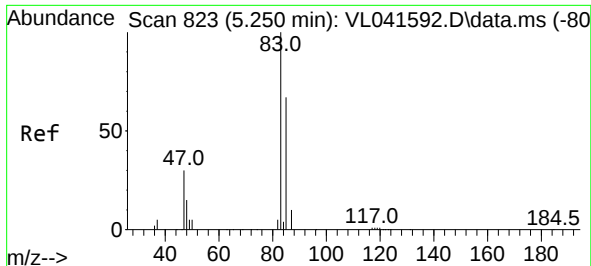
Tgt Ion: 73 Resp: 665336

Ion Ratio Lower Upper

73 100

57 23.8 19.3 28.9





#29

Chloroform

Concen: 10.435 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Instrument :

MSVOA_L

ClientSampleId :

VL0925ABS01

Tgt Ion: 83 Resp: 169071

Ion Ratio Lower Upper

83 100

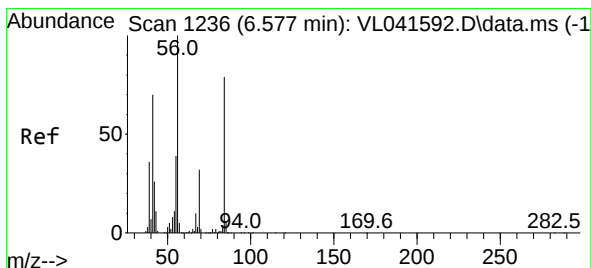
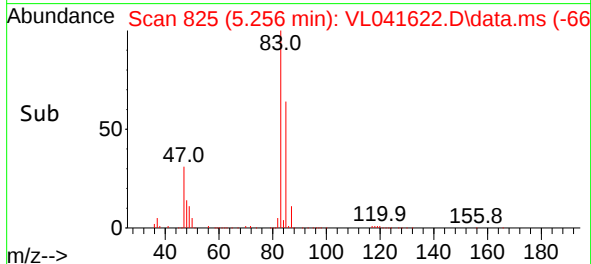
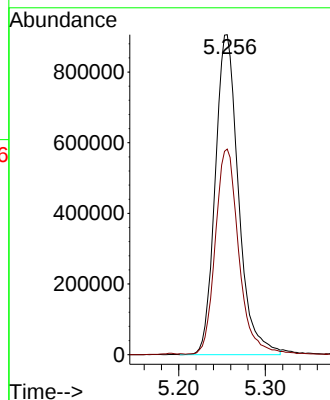
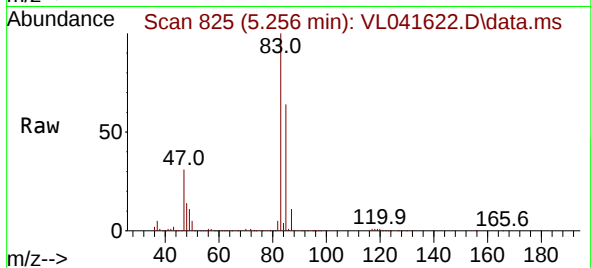
85 63.9 53.8 80.6

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#30

Cyclohexane

Concen: 11.989 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.006 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

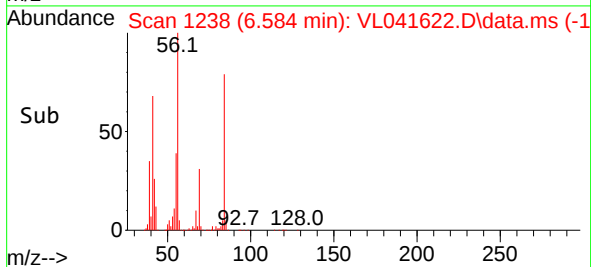
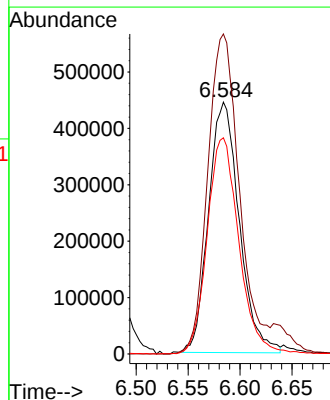
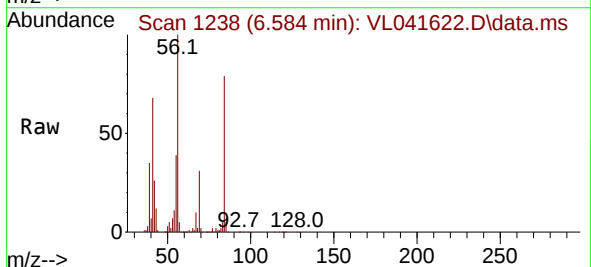
Tgt Ion: 84 Resp: 915022

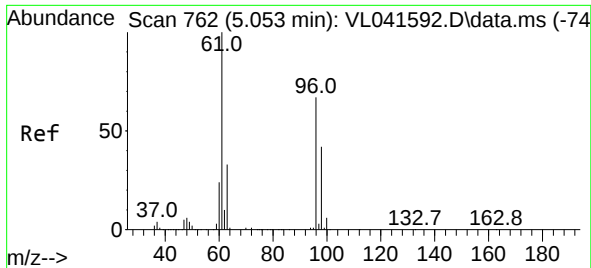
Ion Ratio Lower Upper

84 100

56 139.2 111.5 167.3

41 88.8 70.9 106.3





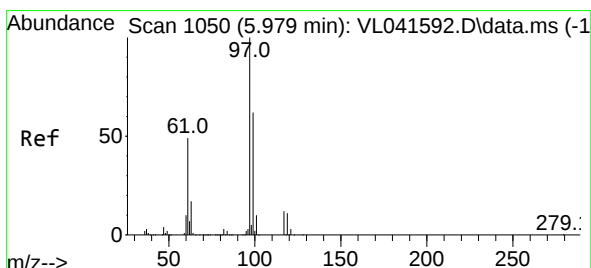
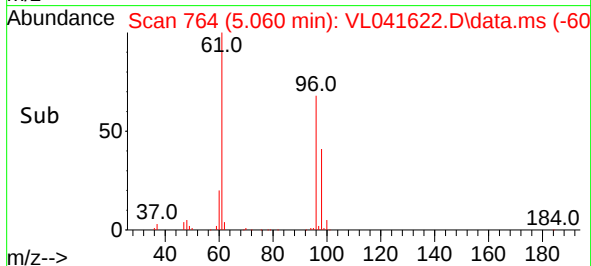
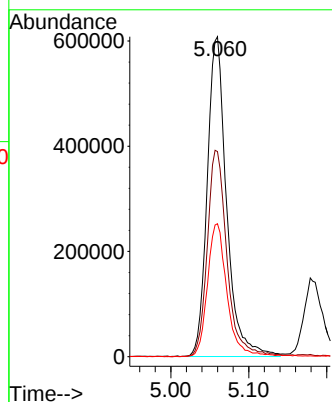
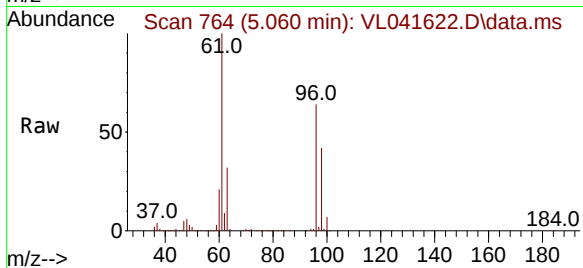
#31
 cis-1,2-Dichloroethene
 Concen: 11.166 ppbv
 RT: 5.060 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: VL041622.D
 Acq: 25 Sep 2024 13:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0925ABS01

Tgt Ion: 61 Resp: 1049584
 Ion Ratio Lower Upper
 61 100
 96 64.1 53.5 80.3
 98 41.6 33.7 50.5

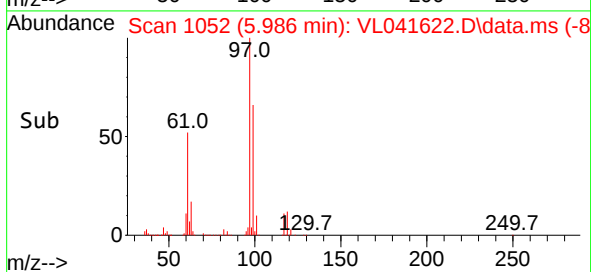
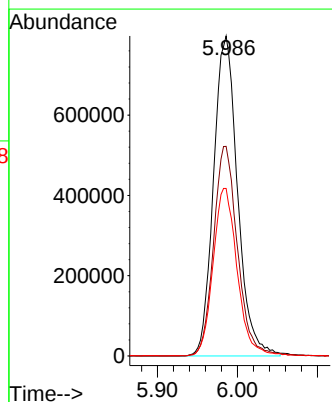
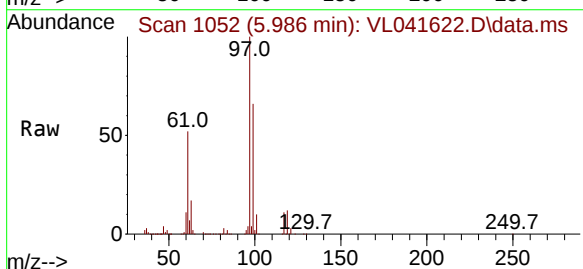
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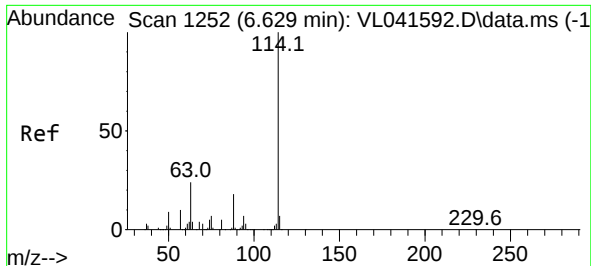
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024



#32
 1,1,1-Trichloroethane
 Concen: 11.514 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.006 min
 Lab File: VL041622.D
 Acq: 25 Sep 2024 13:54

Tgt Ion: 97 Resp: 1661681
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.0 76.4
 61 53.0 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Instrument :

MSVOA_L

ClientSampleId :

VL0925ABS01

Tgt Ion:114 Resp: 2902874

Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.2

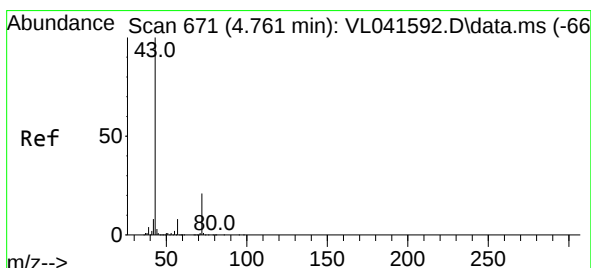
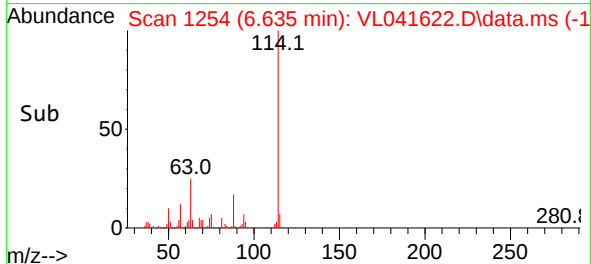
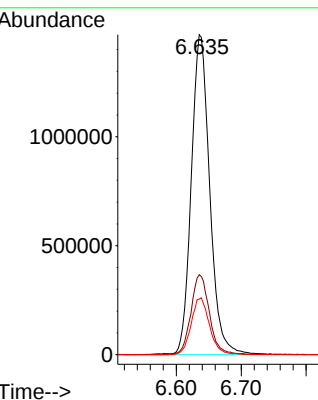
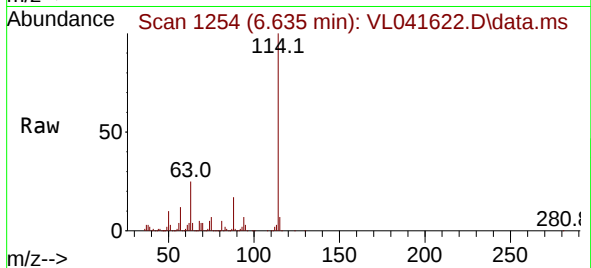
88 17.7 14.2 21.4

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#34

2-Butanone

Concen: 10.476 ppbv

RT: 4.764 min Scan# 672

Delta R.T. 0.003 min

Lab File: VL041622.D

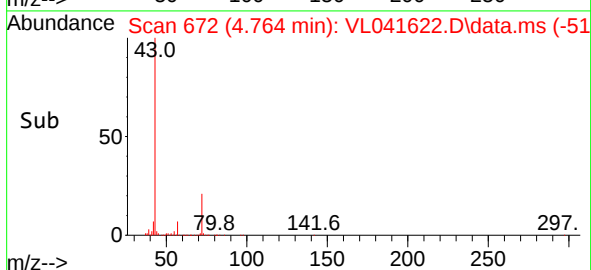
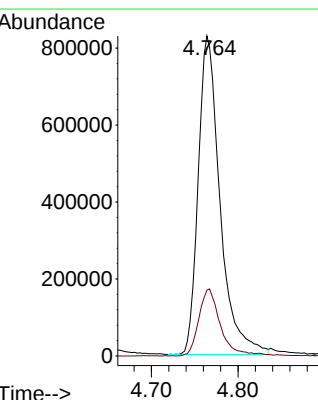
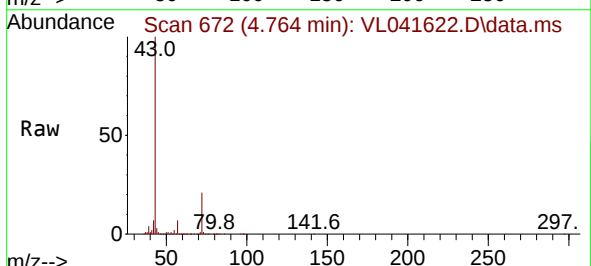
Acq: 25 Sep 2024 13:54

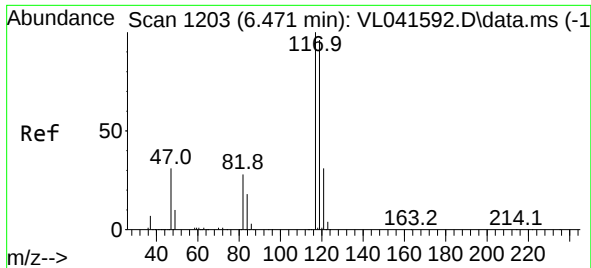
Tgt Ion: 43 Resp: 1450079

Ion Ratio Lower Upper

43 100

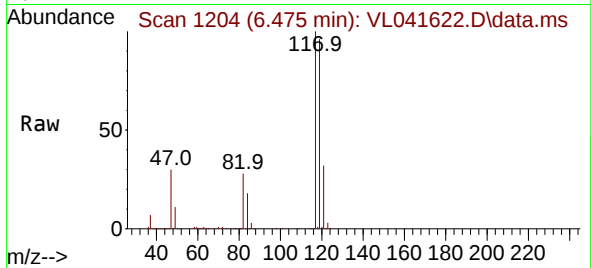
72 21.2 16.8 25.2





#35
Carbon Tetrachloride
Concen: 12.231 ppbv
RT: 6.475 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

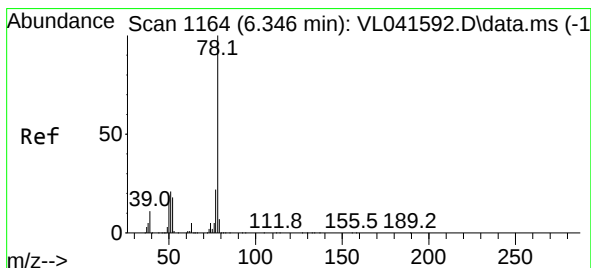
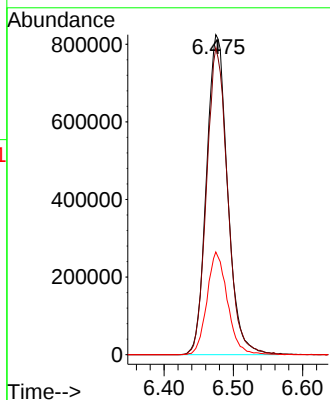
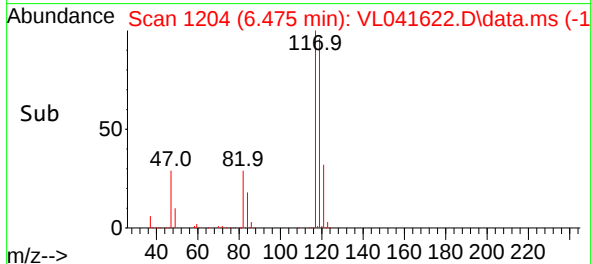
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



Tgt Ion: 117 Resp: 1742080
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2
121 32.1 25.0 37.6

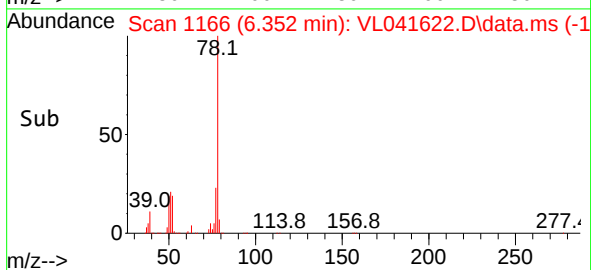
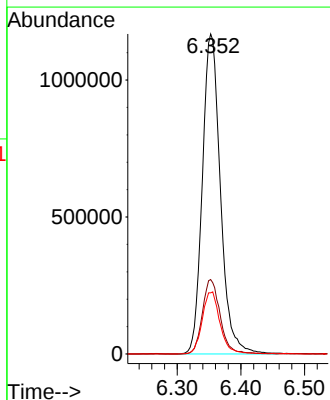
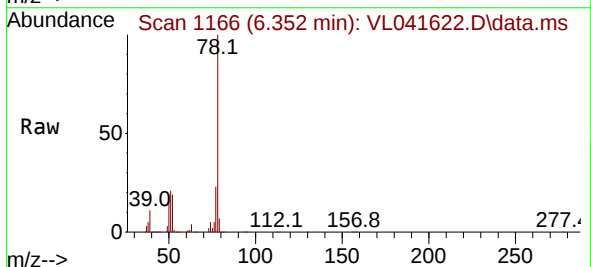
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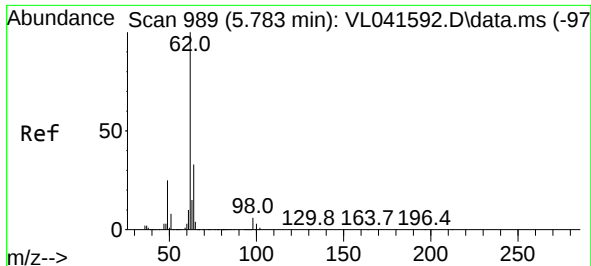
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#36
Benzene
Concen: 11.437 ppbv
RT: 6.352 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Tgt Ion: 78 Resp: 2305701
Ion Ratio Lower Upper
78 100
77 23.3 17.8 26.6
50 19.1 15.4 23.0





#37

1,2-Dichloroethane

Concen: 10.902 ppbv

RT: 5.790 min Scan# 989

Delta R.T. 0.006 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Instrument :

MSVOA_L

ClientSampleId :

VL0925ABS01

Tgt Ion: 62 Resp: 1275250

Ion Ratio Lower Upper

62 100

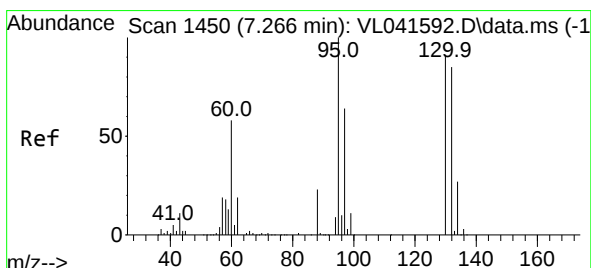
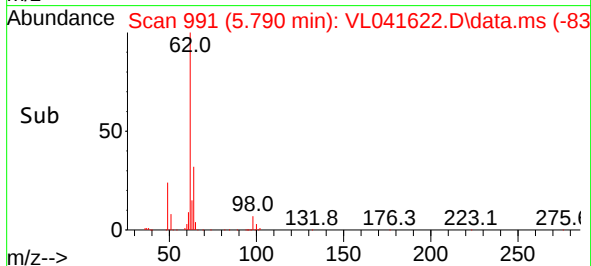
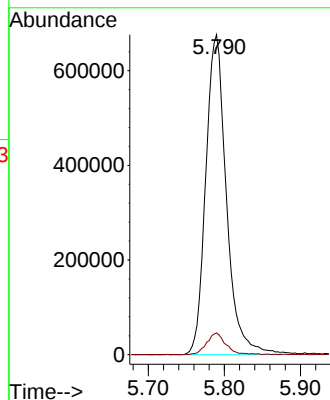
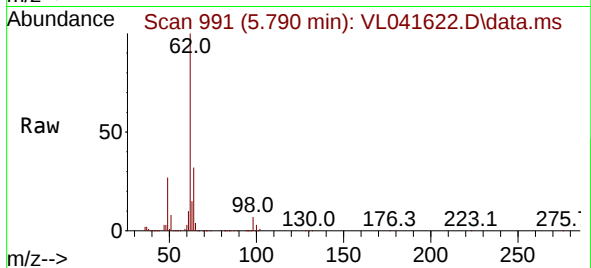
98 6.6 4.8 7.2

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Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#38

Trichloroethene

Concen: 11.053 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.010 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Tgt Ion:130 Resp: 1147527

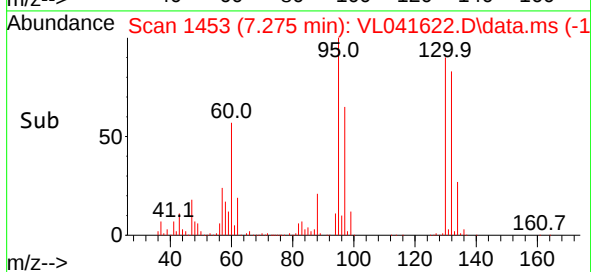
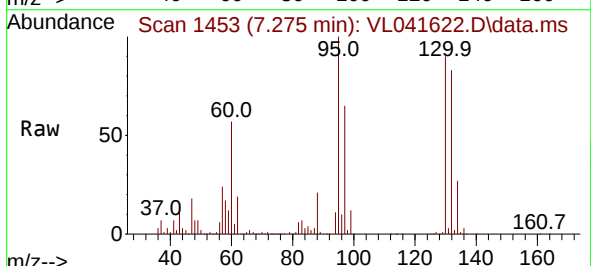
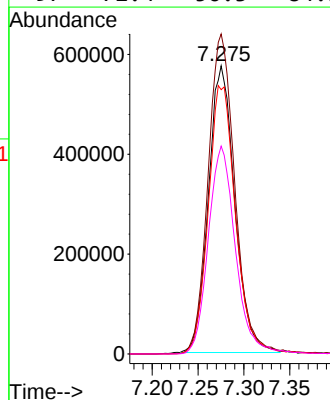
Ion Ratio Lower Upper

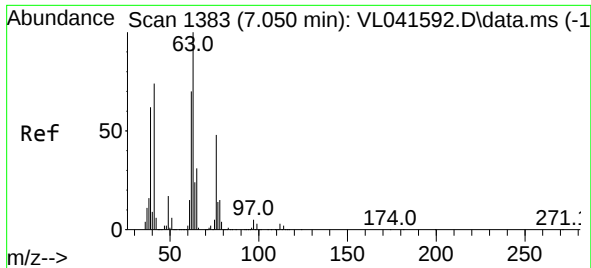
130 100

95 111.3 87.7 131.5

132 92.0 74.5 111.7

97 72.4 56.3 84.5





#39

1,2-Dichloropropane

Concen: 10.752 ppbv

RT: 7.057 min Scan# 1415

Delta R.T. 0.006 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Instrument :

MSVOA_L

ClientSampleId :

VL0925ABS01

Tgt Ion: 63 Resp: 881849

Ion Ratio Lower Upper

63 100

41 74.3 59.5 89.3

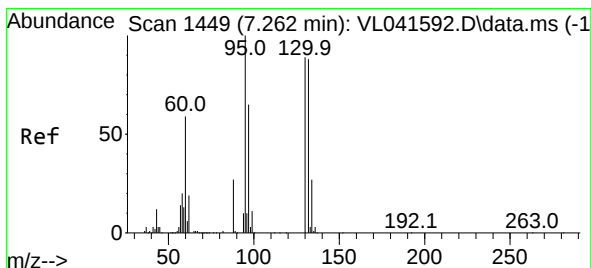
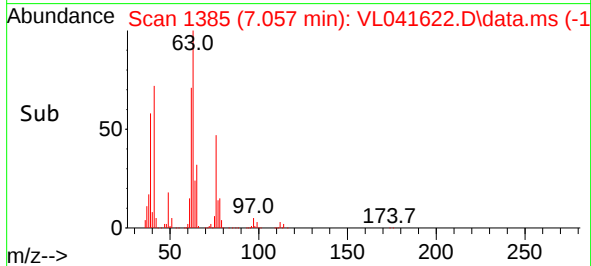
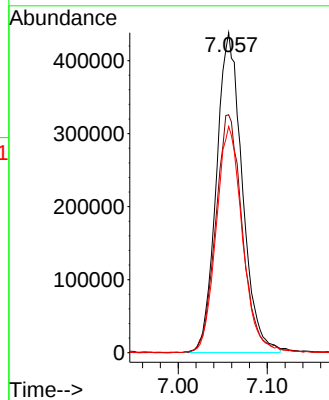
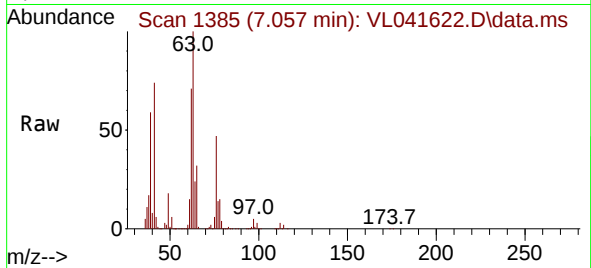
62 70.6 56.2 84.2

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#40

1,4-Dioxane

Concen: 10.445 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Tgt Ion: 88 Resp: 322938

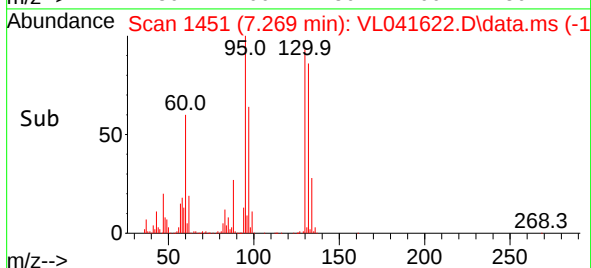
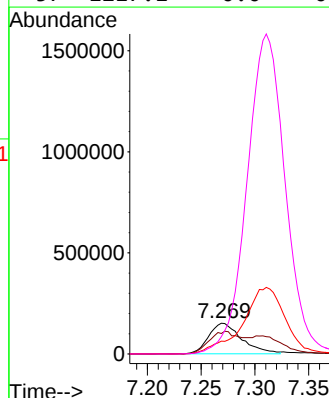
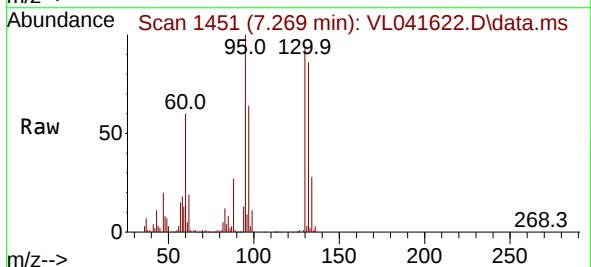
Ion Ratio Lower Upper

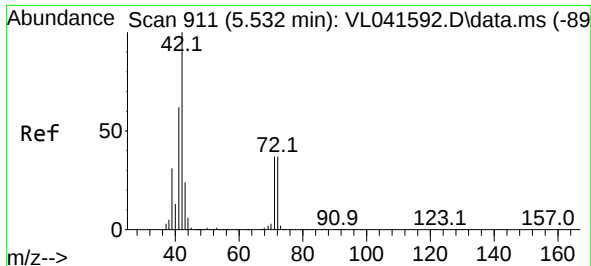
88 100

58 132.7 100.2 150.4

43 281.3 0.0 0.0#

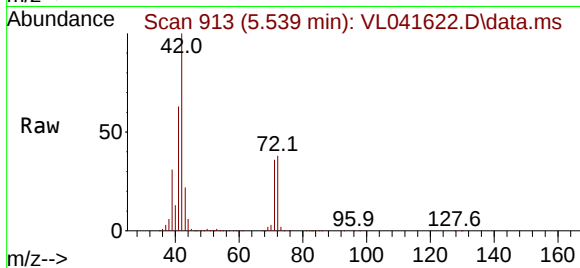
57 1217.1 0.0 0.0#





#41
Tetrahydrofuran
Concen: 11.883 ppbv
RT: 5.539 min Scan# 911
Delta R.T. 0.006 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

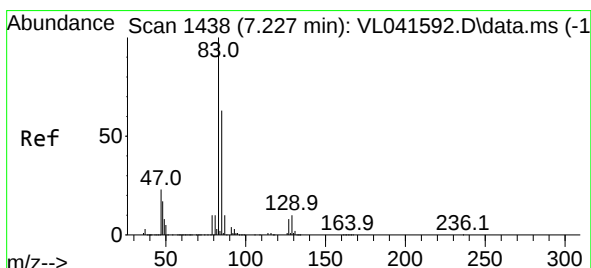
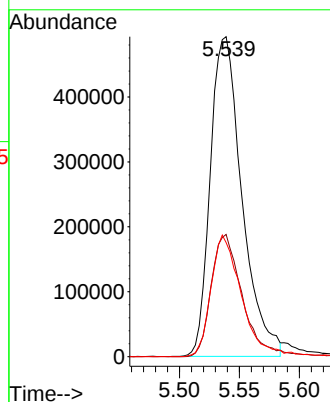
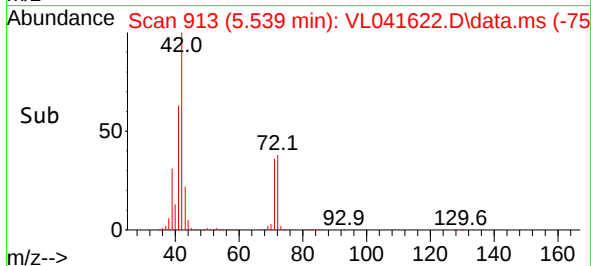
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



Tgt Ion: 42 Resp: 905178
Ion Ratio Lower Upper
42 100
72 38.2 30.2 45.2
71 37.3 29.6 44.4

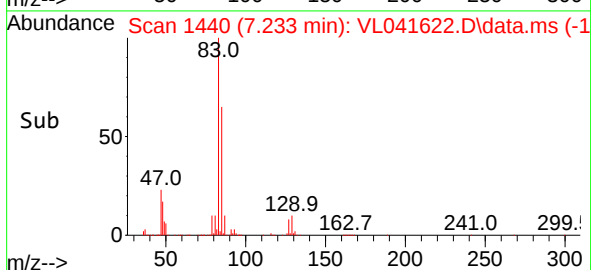
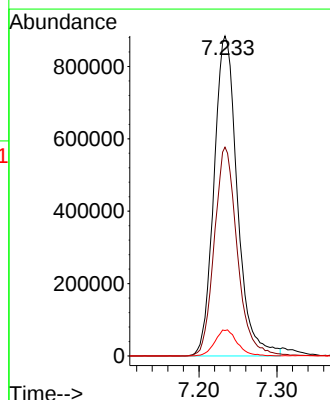
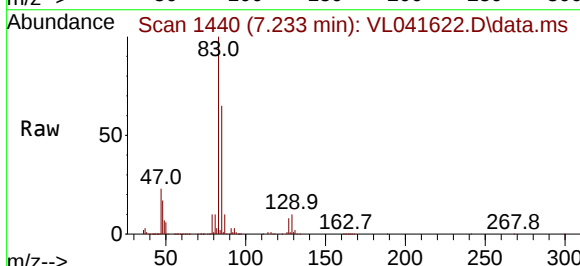
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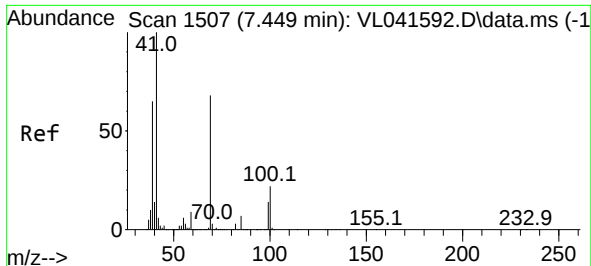
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#42
Bromodichloromethane
Concen: 11.331 ppbv
RT: 7.233 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Tgt Ion: 83 Resp: 1844041
Ion Ratio Lower Upper
83 100
85 65.2 50.5 75.7
127 8.0 6.5 9.7





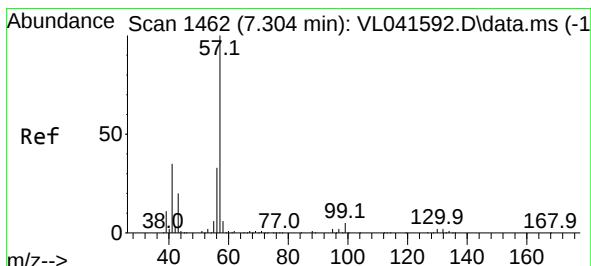
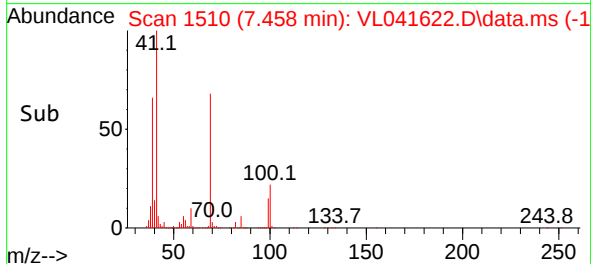
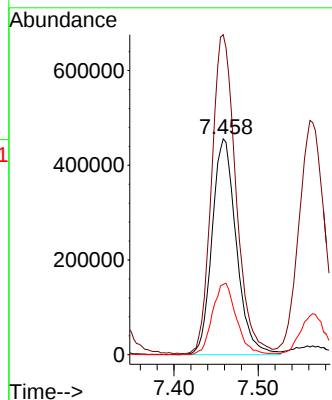
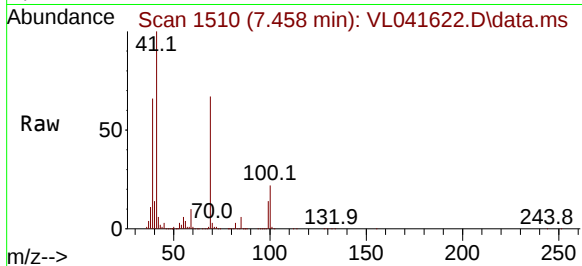
#43
Methyl Methacrylate
Concen: 12.587 ppbv
RT: 7.458 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01

Tgt Ion: 69 Resp: 90805
Ion Ratio Lower Upper
69 100
41 149.6 121.8 182.6
100 33.0 26.5 39.7

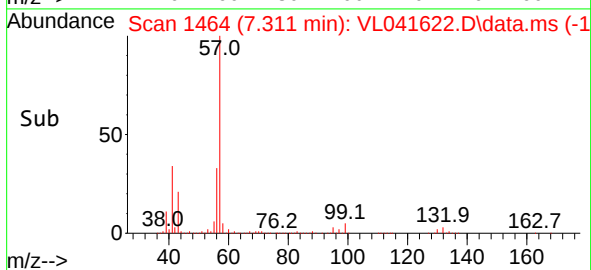
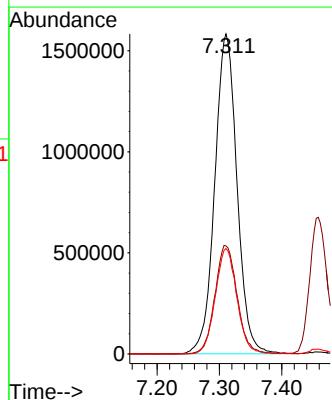
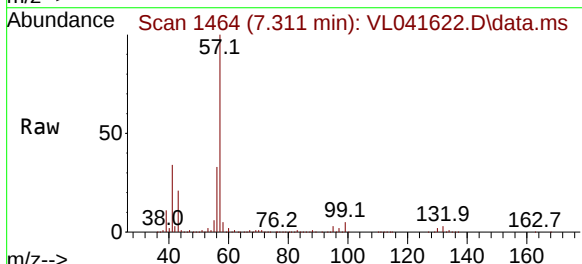
Manual Integrations
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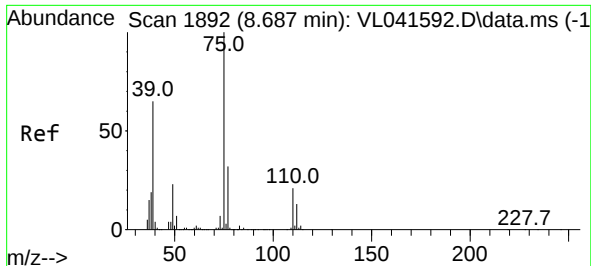
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#44
2,2,4-Trimethylpentane
Concen: 11.237 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Tgt Ion: 57 Resp: 3919378
Ion Ratio Lower Upper
57 100
41 34.0 27.0 40.6
56 32.1 25.5 38.3





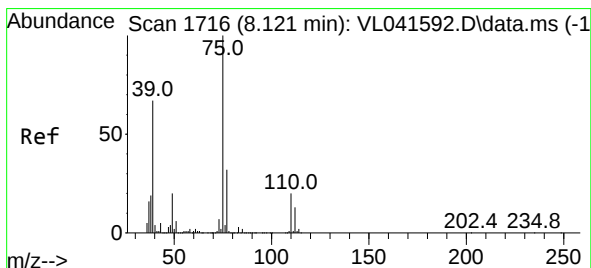
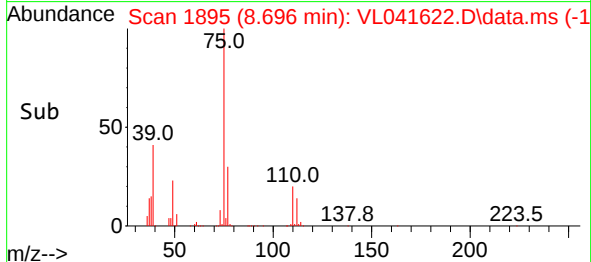
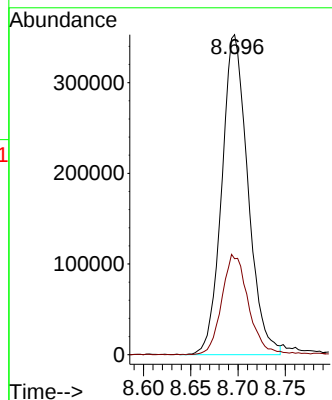
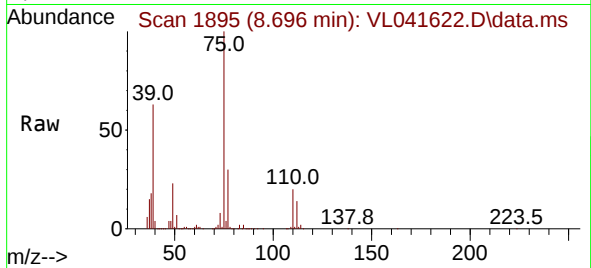
#45
t-1,3-Dichloropropene
Concen: 11.660 ppbv
RT: 8.696 min Scan# 1895
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01

Tgt Ion: 75 Resp: 67819
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0

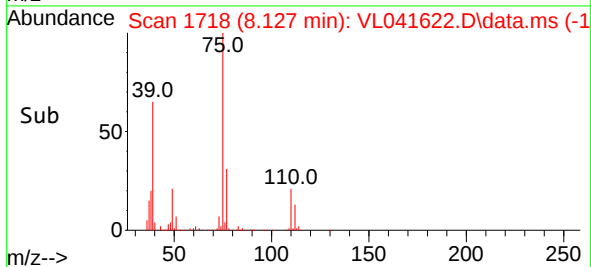
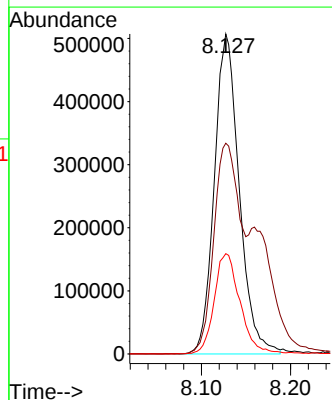
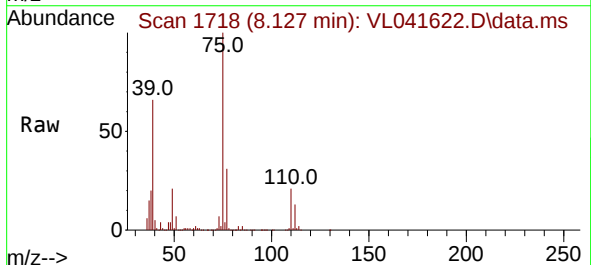
Manual Integrations
APPROVED

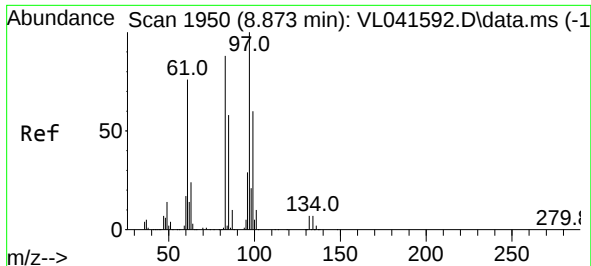
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#46
cis-1,3-Dichloropropene
Concen: 11.567 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. 0.006 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

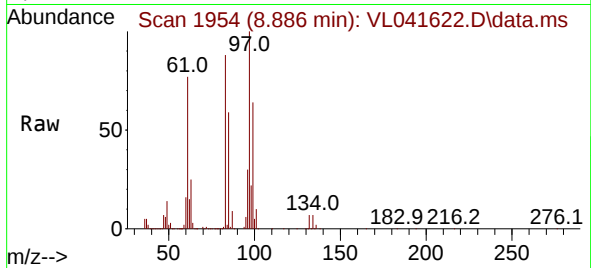
Tgt Ion: 75 Resp: 985638
Ion Ratio Lower Upper
75 100
39 65.8 54.0 81.0
77 31.3 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 10.818 ppbv
RT: 8.886 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

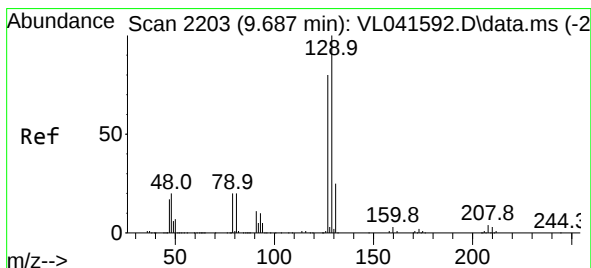
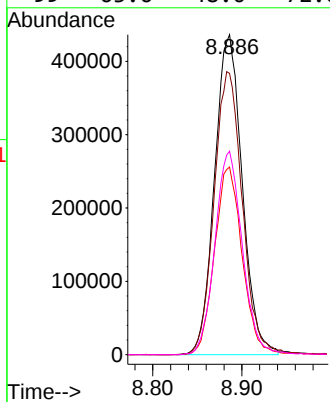
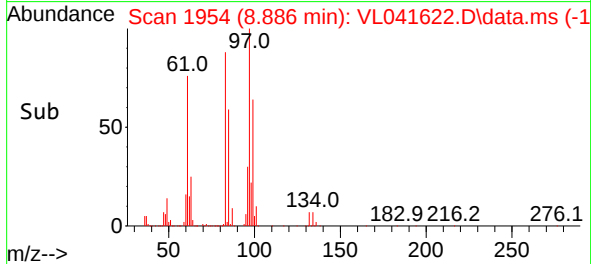
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



Tgt Ion: 97 Resp: 94205
Ion Ratio Lower Upper
97 100
83 87.8 70.2 105.4
85 58.6 46.3 69.5
99 63.6 48.0 72.0

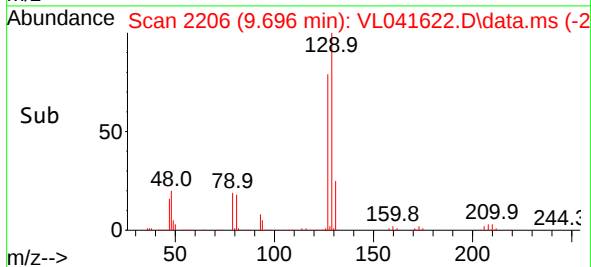
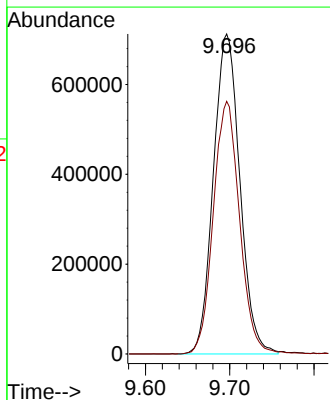
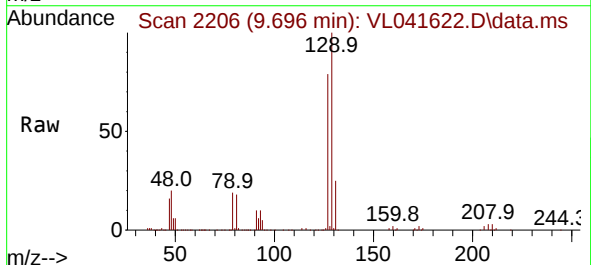
Manual Integrations
APPROVED

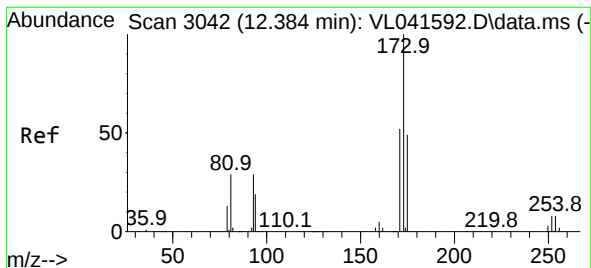
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#48
Dibromochloromethane
Concen: 11.789 ppbv
RT: 9.696 min Scan# 2206
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Tgt Ion:129 Resp: 1555383
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.9





#49

Bromoform

Concen: 11.792 ppbv

RT: 12.394 min Scan# 3042

Delta R.T. 0.010 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Instrument :

MSVOA_L

ClientSampleId :

VL0925ABS01

Tgt Ion:173 Resp: 133556

Ion Ratio Lower Upper

173 100

175 49.3 40.1 60.1

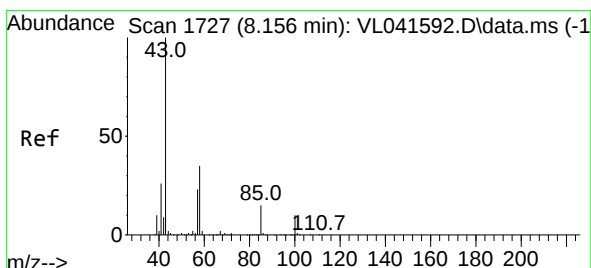
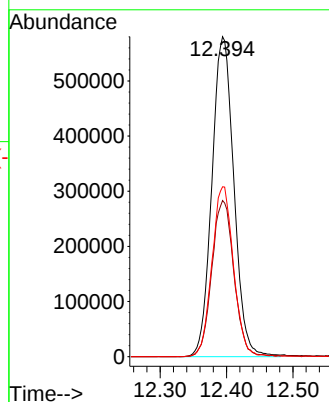
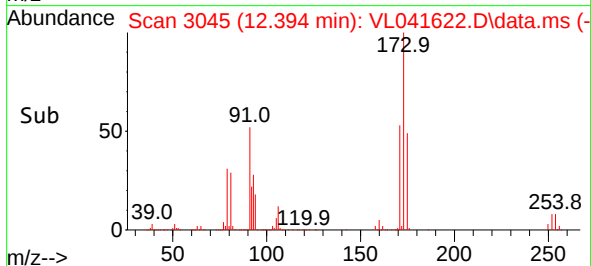
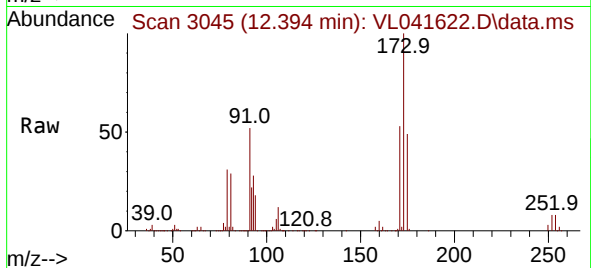
171 52.2 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#50

4-Methyl-2-Pentanone

Concen: 12.088 ppbv

RT: 8.163 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VL041622.D

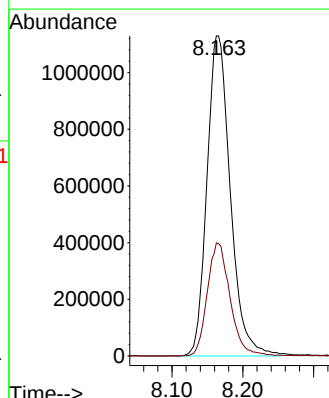
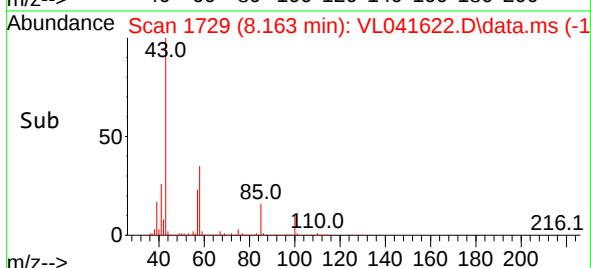
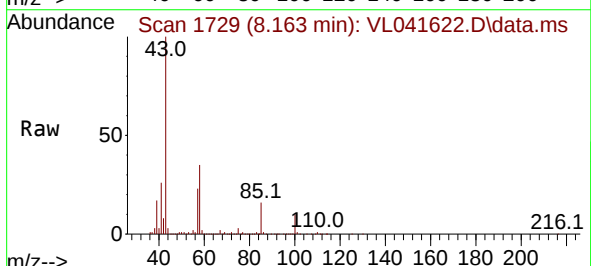
Acq: 25 Sep 2024 13:54

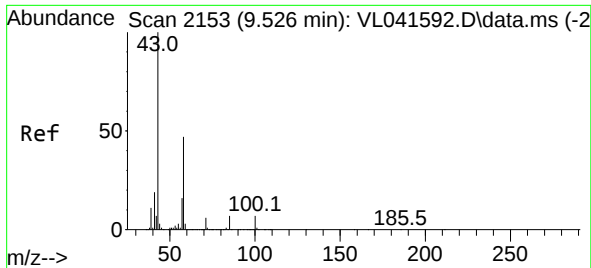
Tgt Ion: 43 Resp: 2583921

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.8





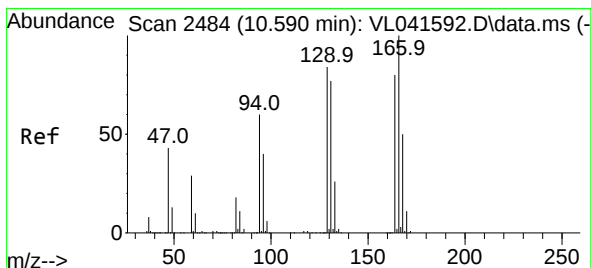
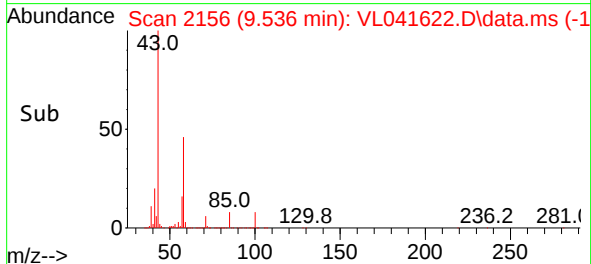
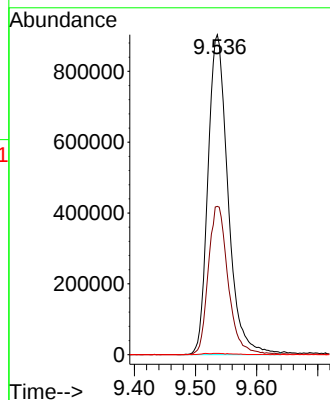
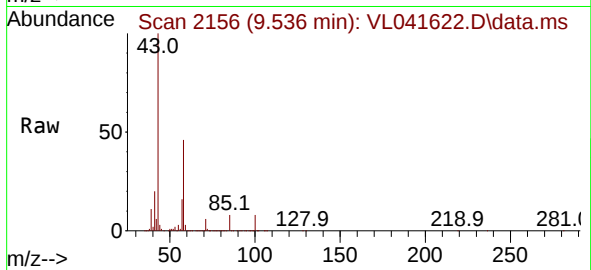
#51
2-Hexanone
Concen: 12.742 ppbv
RT: 9.536 min Scan# 2153
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01

Tgt Ion: 43 Resp: 2060154
Ion Ratio Lower Upper
43 100
58 46.2 37.2 55.8
98 0.6 0.5 0.7

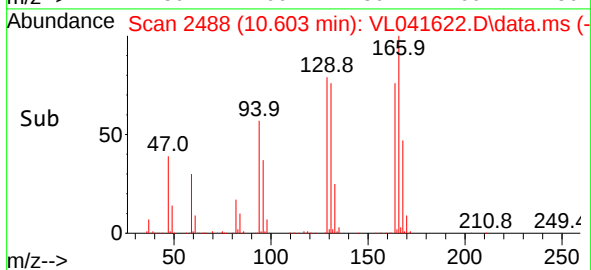
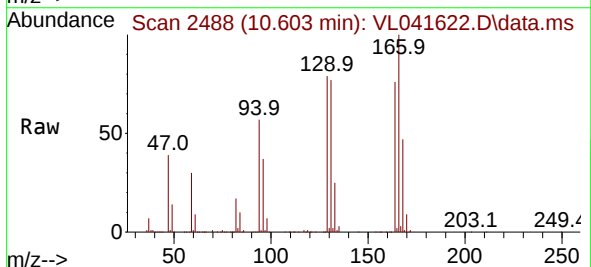
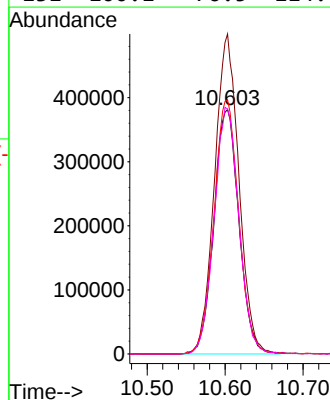
Manual Integrations
APPROVED

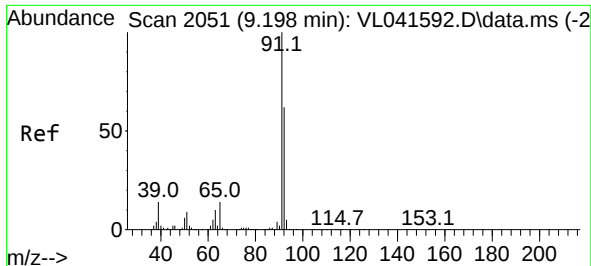
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#52
Tetrachloroethene
Concen: 11.626 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.013 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Tgt Ion:164 Resp: 848668
Ion Ratio Lower Upper
164 100
166 130.9 99.4 149.2
129 103.9 83.5 125.3
131 100.1 76.5 114.7





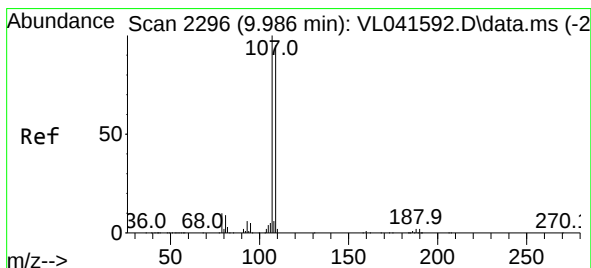
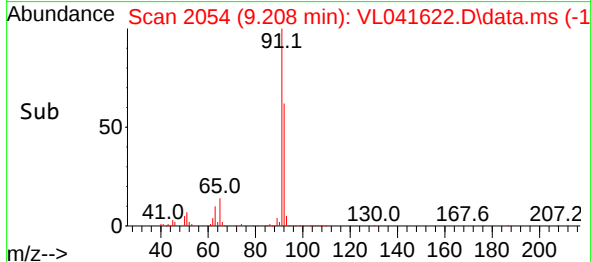
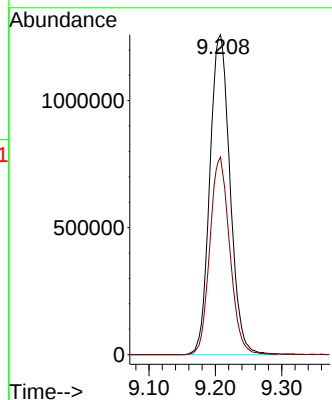
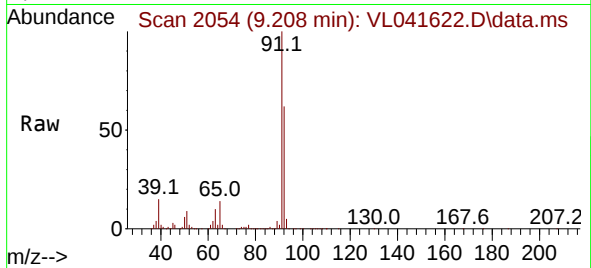
#53
Toluene
Concen: 12.458 ppbv
RT: 9.208 min Scan# 2051
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01

Tgt Ion: 91 Resp: 266598
Ion Ratio Lower Upper
91 100
92 61.0 48.9 73.3

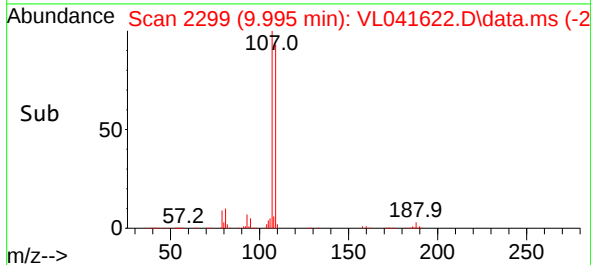
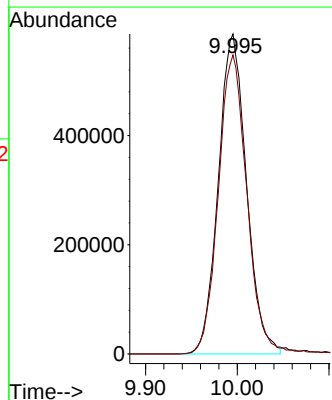
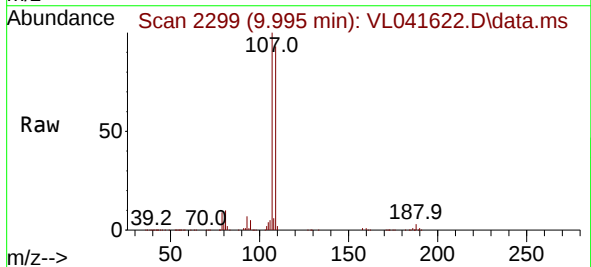
Manual Integrations
APPROVED

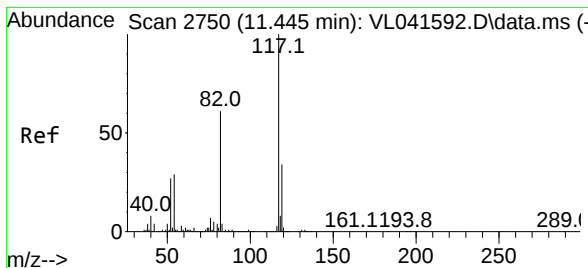
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#54
1,2-Dibromoethane
Concen: 11.639 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

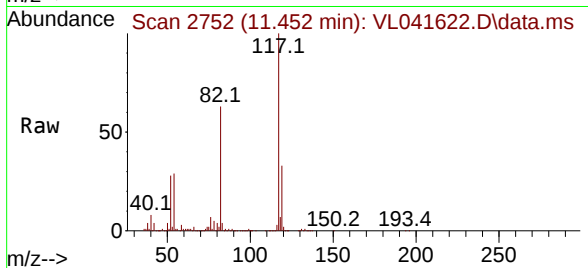
Tgt Ion:107 Resp: 1248129
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.452 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

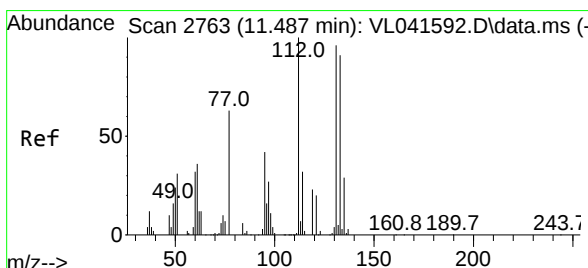
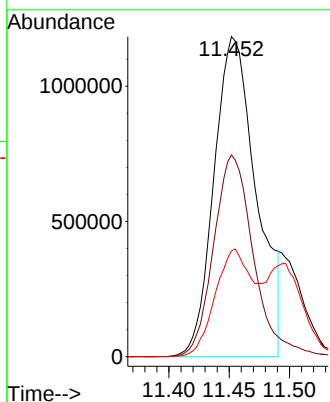
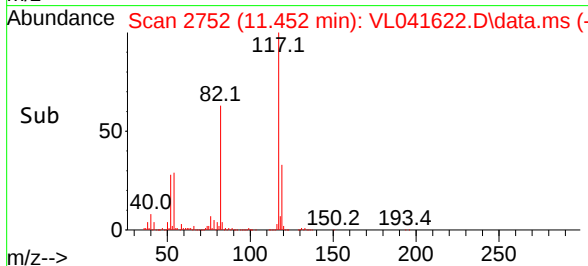
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



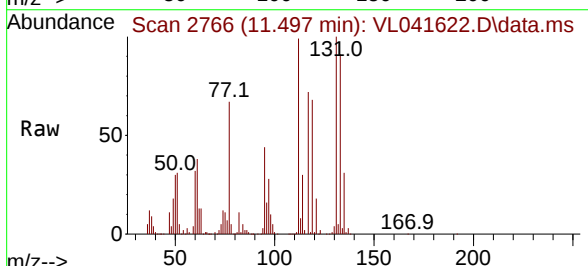
Tgt Ion:117 Resp: 2897670
Ion Ratio Lower Upper
117 100
82 59.7 49.4 74.2
119 31.3 24.4 36.6

Manual Integrations
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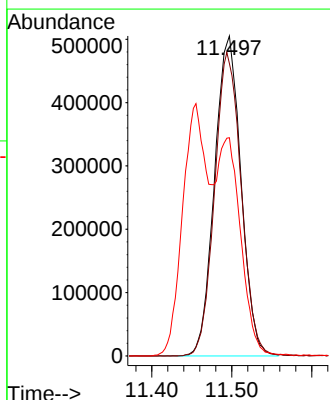
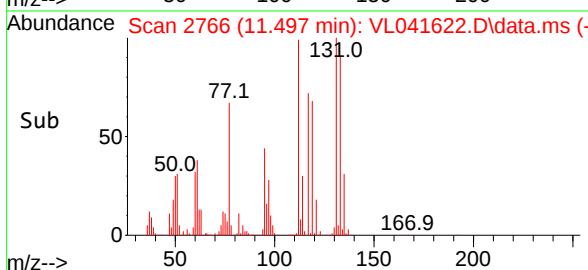
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

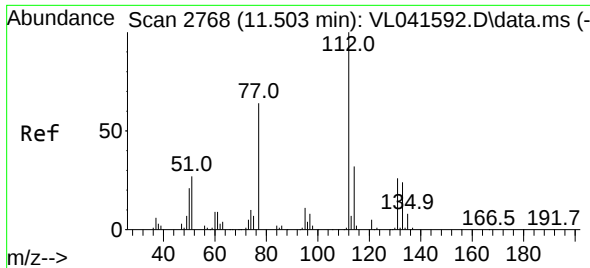


#56
1,1,1,2-Tetrachloroethane
Concen: 10.247 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54



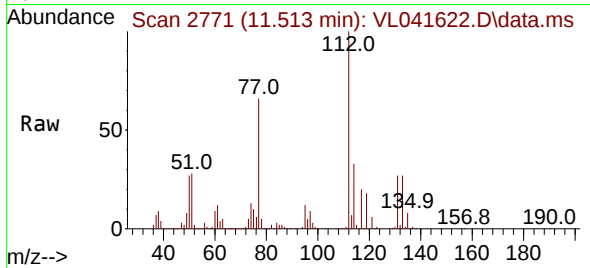
Tgt Ion:131 Resp: 1159300
Ion Ratio Lower Upper
131 100
133 95.6 76.6 115.0
119 64.9 48.5 72.7





#57
Chlorobenzene
Concen: 9.877 ppbv
RT: 11.513 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

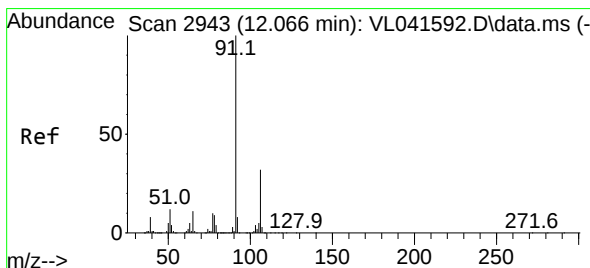
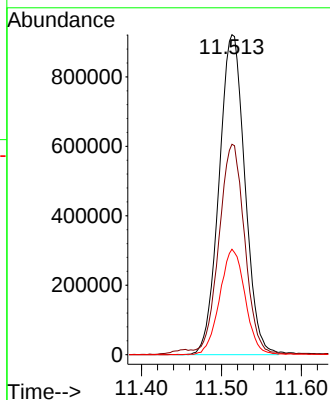
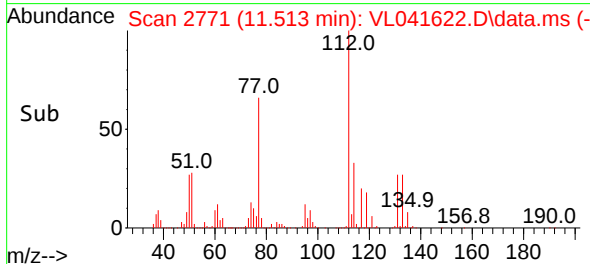
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



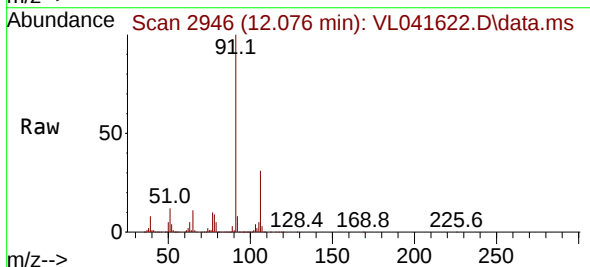
Tgt Ion:112 Resp: 206352
Ion Ratio Lower Upper
112 100
77 65.2 52.0 78.0
114 32.9 28.6 35.0

Manual Integrations
APPROVED

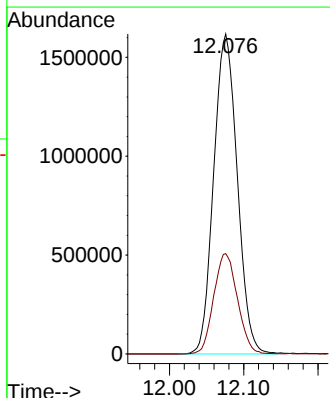
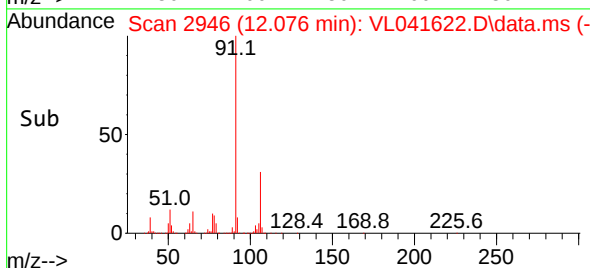
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

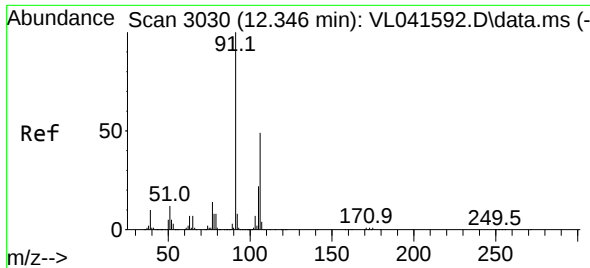


#58
Ethyl Benzene
Concen: 11.519 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54



Tgt Ion: 91 Resp: 3573189
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.6





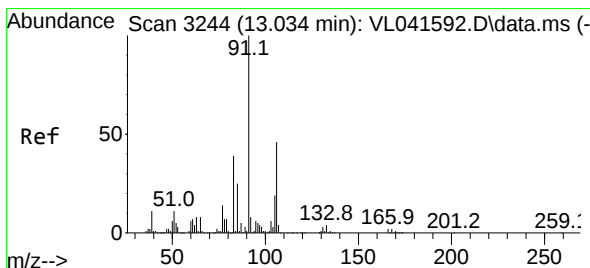
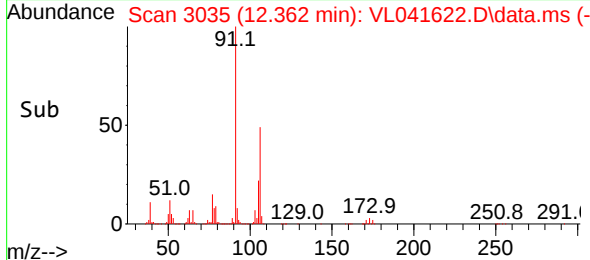
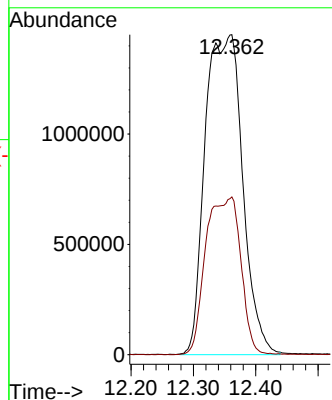
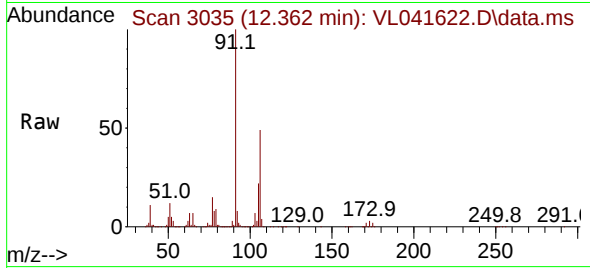
#59
m/p-Xylene
Concen: 21.916 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. 0.016 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01

Tgt Ion: 91 Resp: 6050478
Ion Ratio Lower Upper
91 100
106 46.1 36.8 55.2

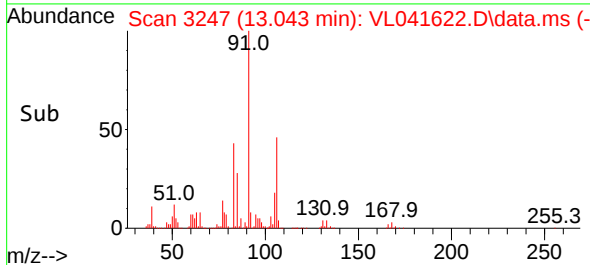
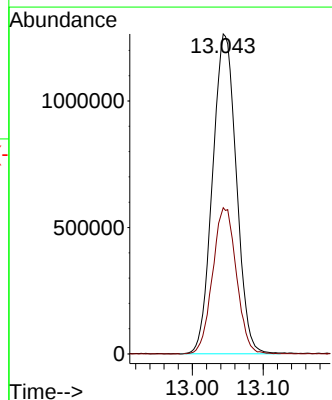
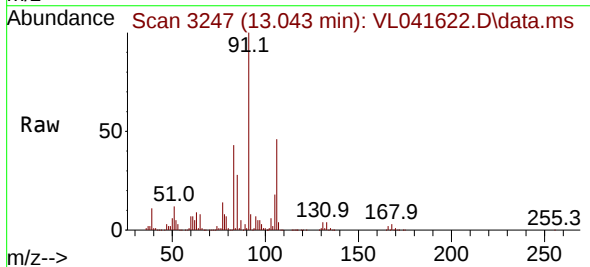
Manual Integrations
APPROVED

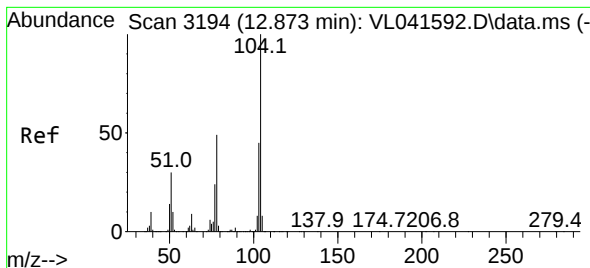
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#60
o-Xylene
Concen: 11.122 ppbv
RT: 13.043 min Scan# 3247
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Tgt Ion: 91 Resp: 2943780
Ion Ratio Lower Upper
91 100
106 45.8 23.1 69.3





#61

Styrene

Concen: 12.683 ppbv

RT: 12.883 min Scan# 3194

Delta R.T. 0.010 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Instrument :

MSVOA_L

ClientSampleId :

VL0925ABS01

Tgt Ion:104 Resp: 140245

Ion Ratio Lower Upper

104 100

78 50.1 39.8 59.6

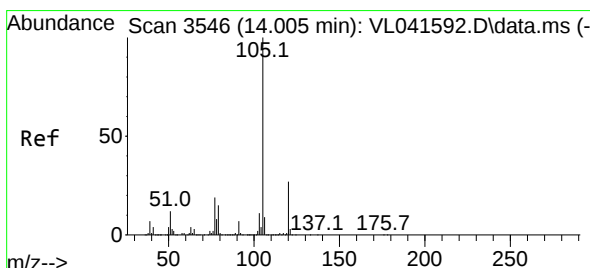
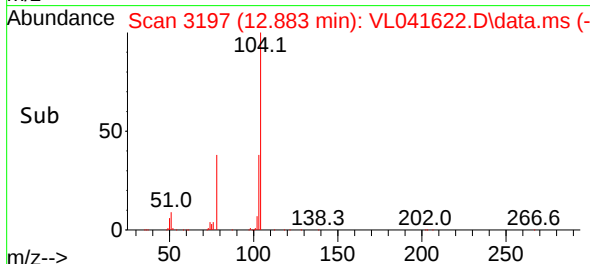
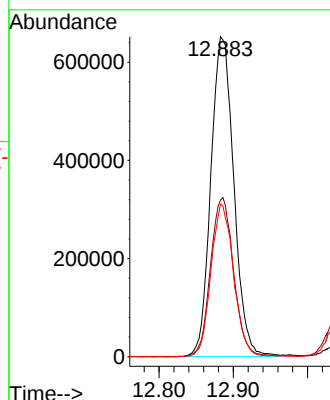
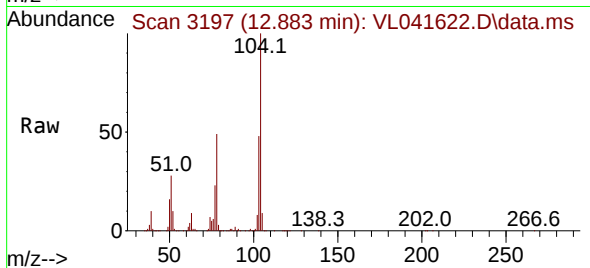
103 47.1 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#62

Isopropylbenzene

Concen: 10.662 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.013 min

Lab File: VL041622.D

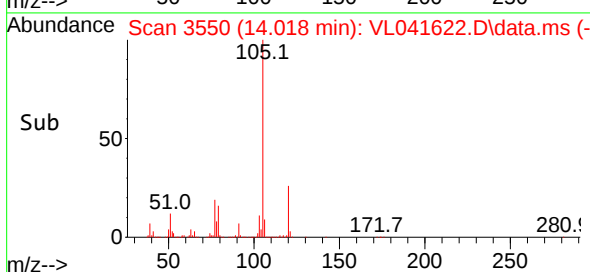
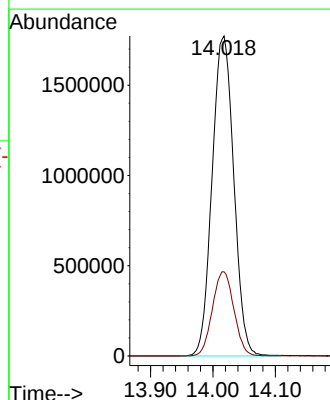
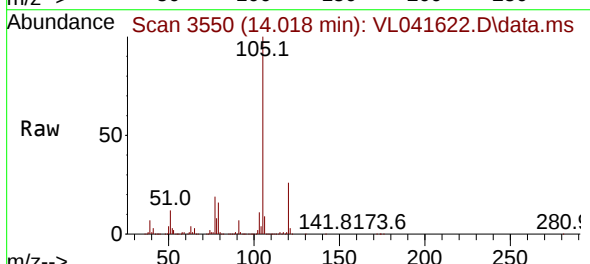
Acq: 25 Sep 2024 13:54

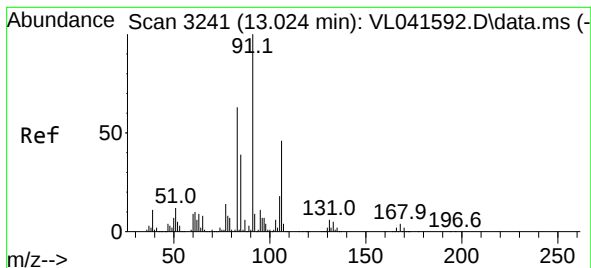
Tgt Ion:105 Resp: 4275506

Ion Ratio Lower Upper

105 100

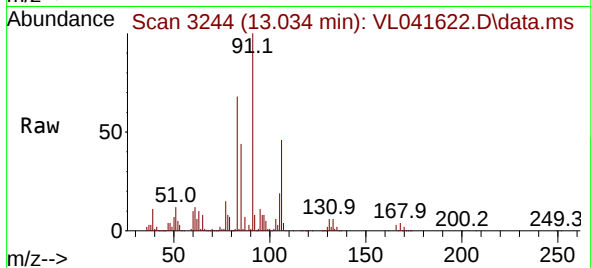
120 26.1 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 11.243 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

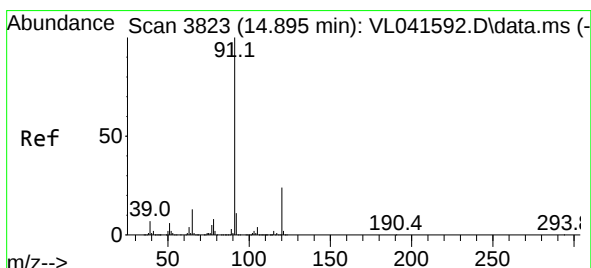
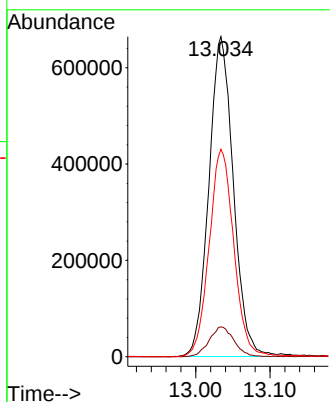
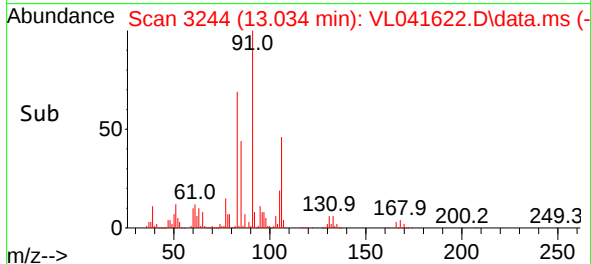
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



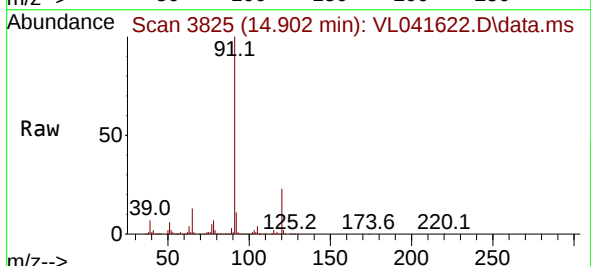
Tgt Ion: 83 Resp: 1521452
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.7 32.5 97.4

Manual Integrations
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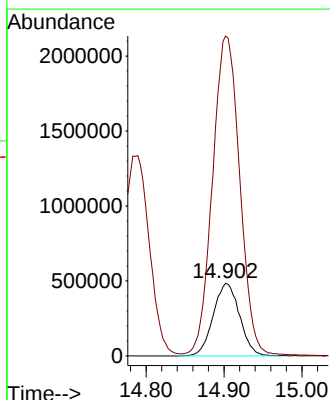
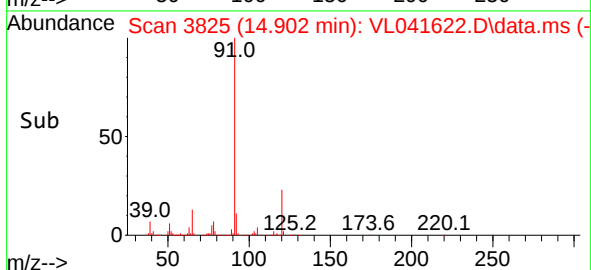
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

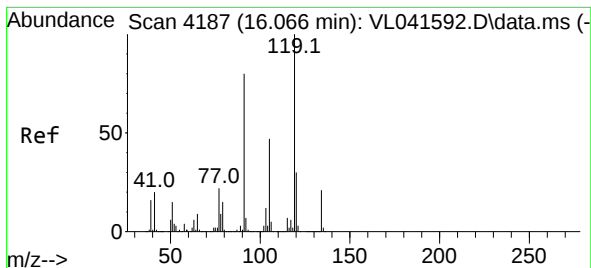


#64
n-propylbenzene
Concen: 11.007 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. 0.006 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54



Tgt Ion:120 Resp: 1139932
Ion Ratio Lower Upper
120 100
91 457.1 366.4 549.6





#65

tert-Butylbenzene

Concen: 10.343 ppbv

RT: 16.075 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Instrument :

MSVOA_L

ClientSampleId :

VL0925ABS01

Tgt Ion:119 Resp: 3801784

Ion Ratio Lower Upper

119 100

91 80.5 64.6 96.8

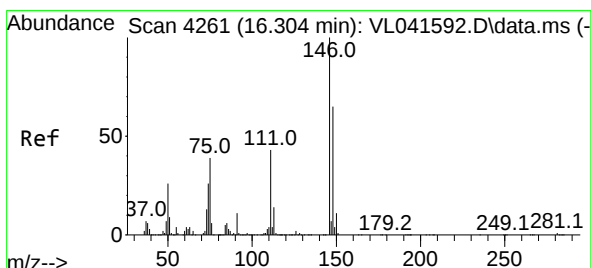
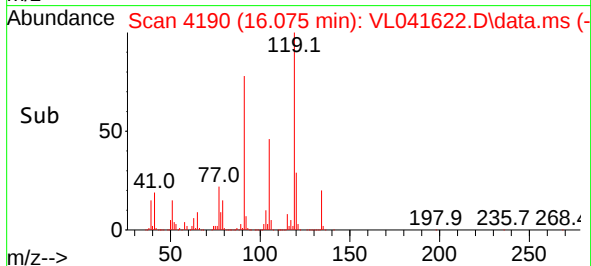
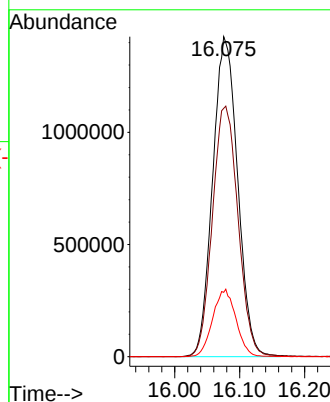
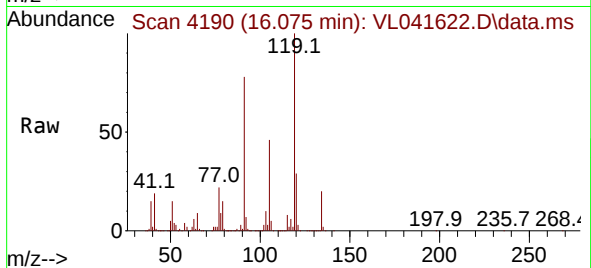
134 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#66

Benzyl Chloride

Concen: 11.381 ppbv m

RT: 16.310 min Scan# 4263

Delta R.T. 0.006 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

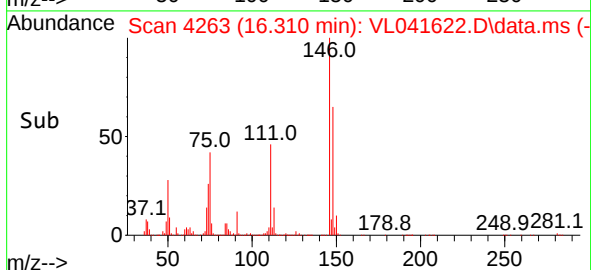
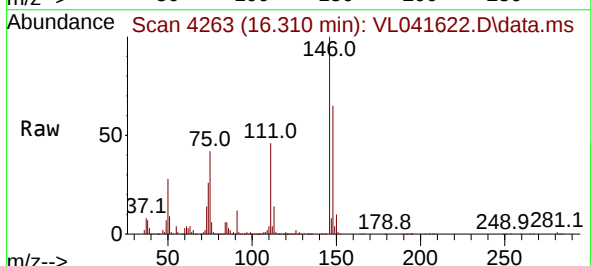
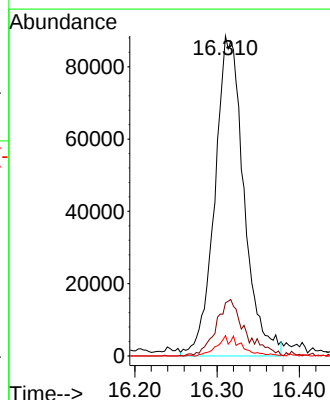
Tgt Ion: 91 Resp: 217495

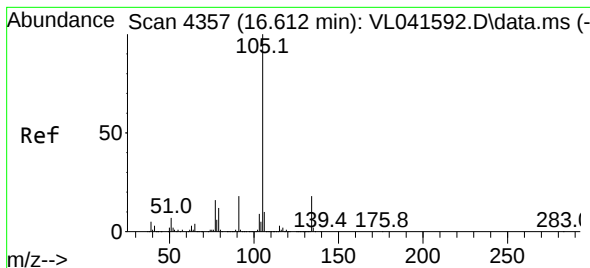
Ion Ratio Lower Upper

91 100

126 0.0 15.4 23.2#

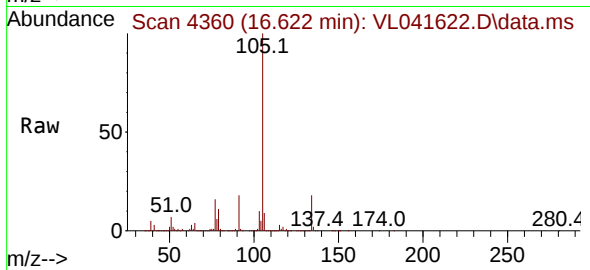
128 5.4 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 10.519 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL041622.D
 Acq: 25 Sep 2024 13:54

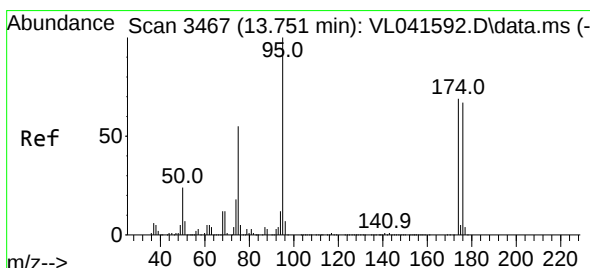
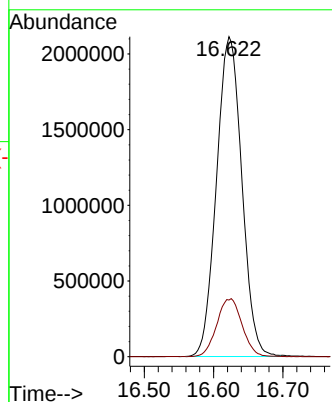
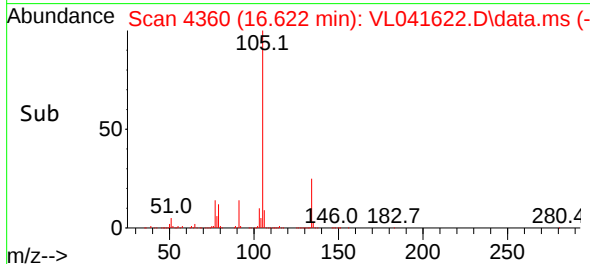
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0925ABS01



Tgt Ion:105 Resp: 536466
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.6 21.8

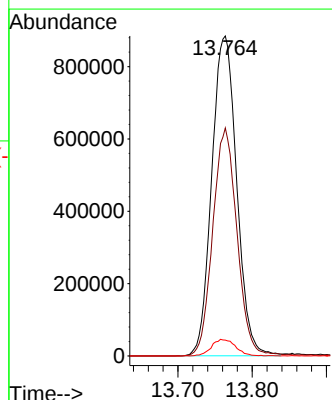
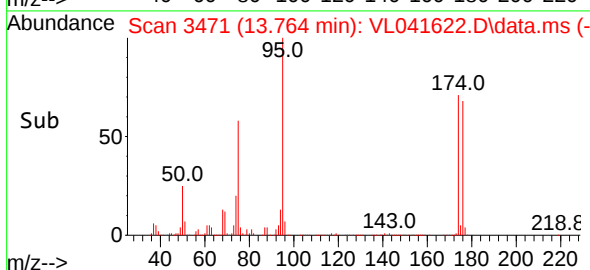
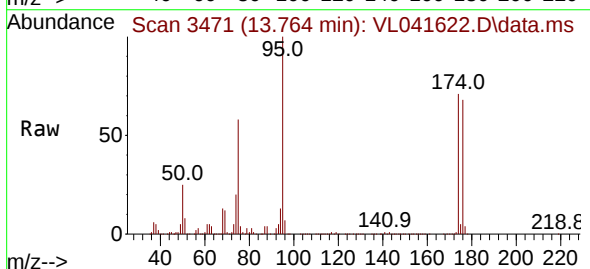
Manual Integrations
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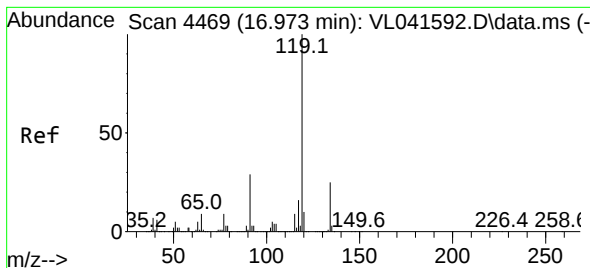
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.683 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.013 min
 Lab File: VL041622.D
 Acq: 25 Sep 2024 13:54

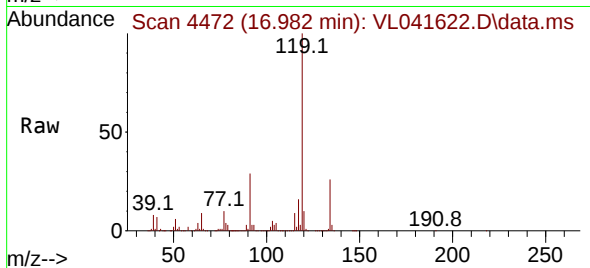
Tgt Ion: 95 Resp: 2065412
 Ion Ratio Lower Upper
 95 100
 174 69.7 55.8 83.8
 175 5.1 4.1 6.1





#69
p-Isopropyltoluene
Concen: 10.845 ppbv
RT: 16.982 min Scan# 4469
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

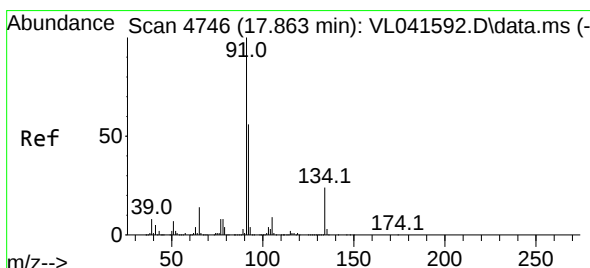
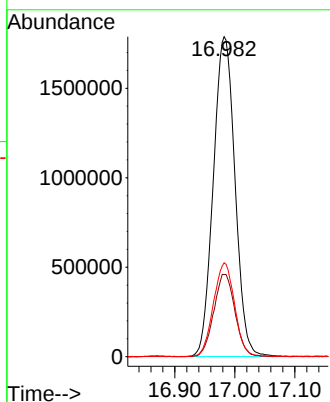
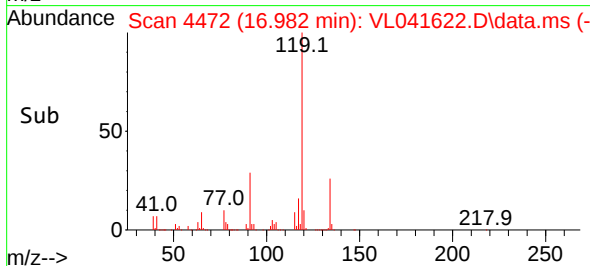
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



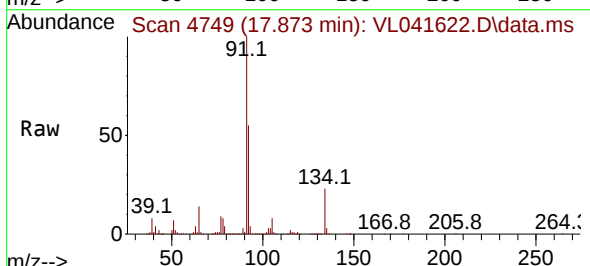
Tgt Ion:119 Resp: 447695
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 28.7 23.1 34.7

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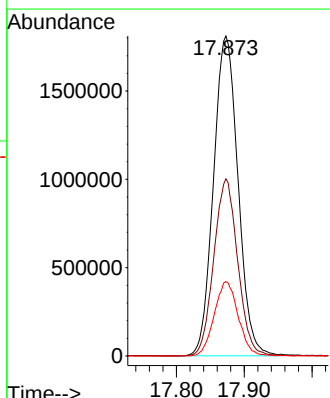
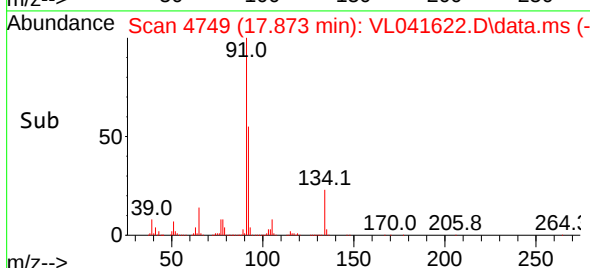
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

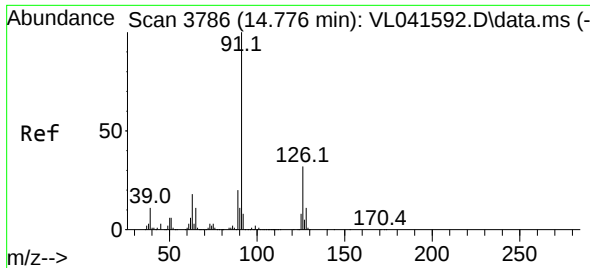


#70
n-Butylbenzene
Concen: 10.520 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54



Tgt Ion: 91 Resp: 4549352
Ion Ratio Lower Upper
91 100
92 54.2 43.2 64.8
134 22.8 18.6 27.8





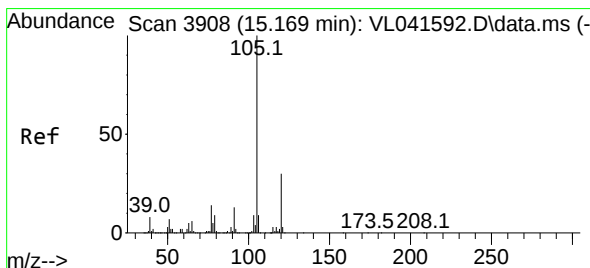
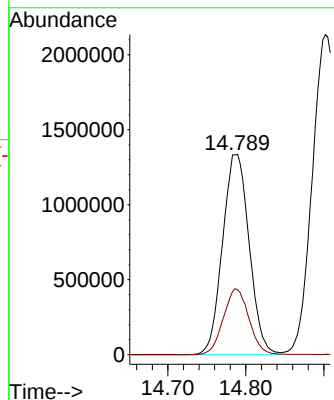
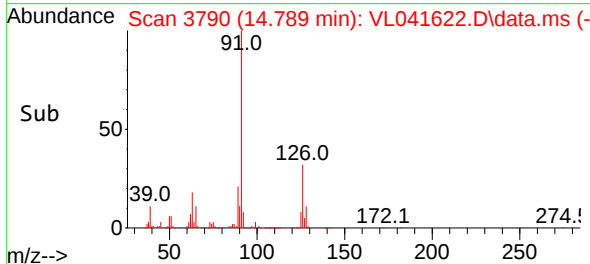
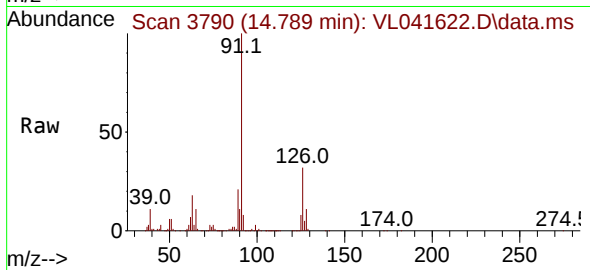
#71
2-Chlorotoluene
Concen: 10.754 ppbv
RT: 14.789 min Scan# 3173109
Delta R.T. 0.013 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01

Tgt Ion: 91 Resp: 3173109
Ion Ratio Lower Upper
91 100
126 31.9 12.9 51.5

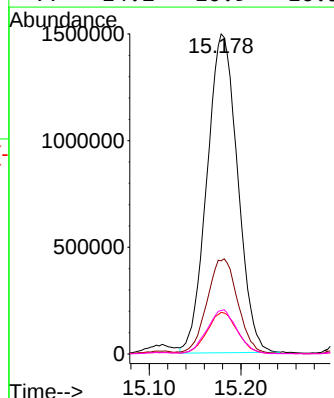
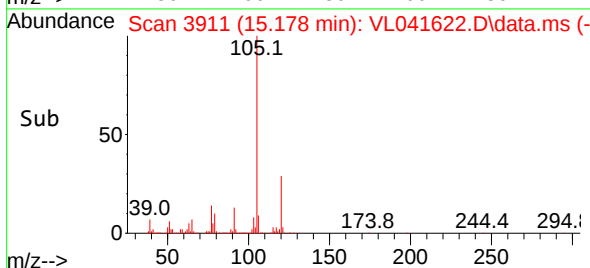
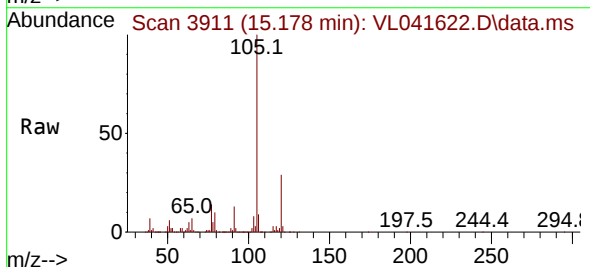
Manual Integrations
APPROVED

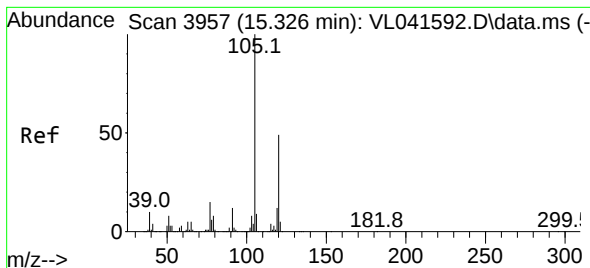
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#72
4-Ethyltoluene
Concen: 11.209 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

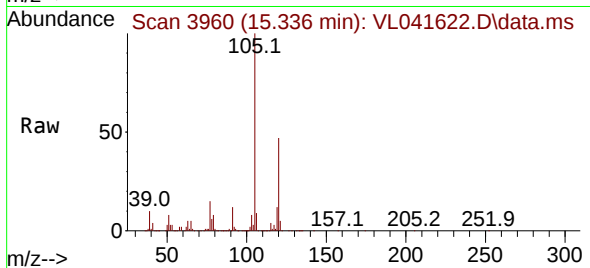
Tgt Ion:105 Resp: 3467948
Ion Ratio Lower Upper
105 100
120 31.1 24.1 36.1
91 13.6 10.2 15.2
77 14.2 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 10.945 ppbv
RT: 15.336 min Scan# 3957
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

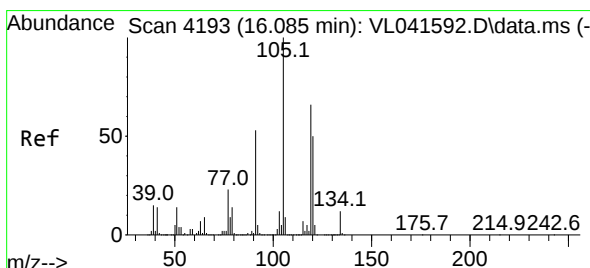
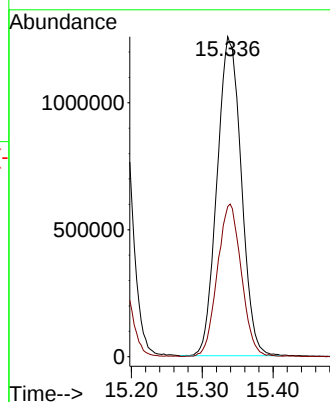
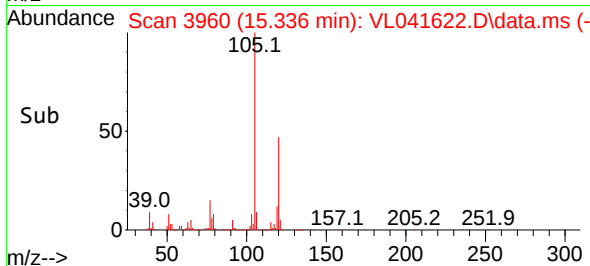
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



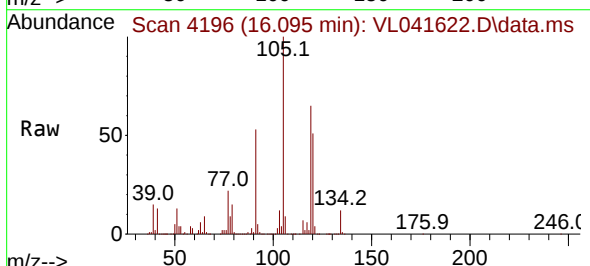
Tgt Ion:105 Resp: 2990299
Ion Ratio Lower Upper
105 100
120 47.0 39.4 59.0

Manual Integrations
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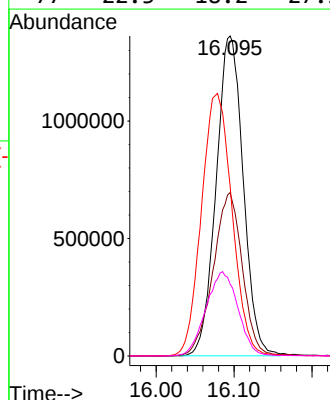
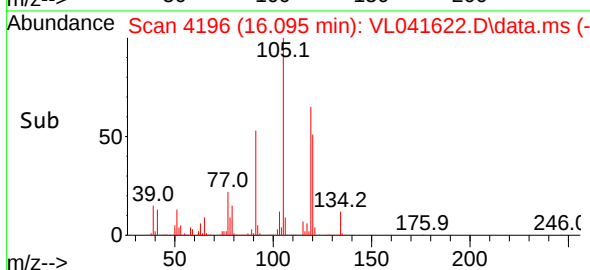
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

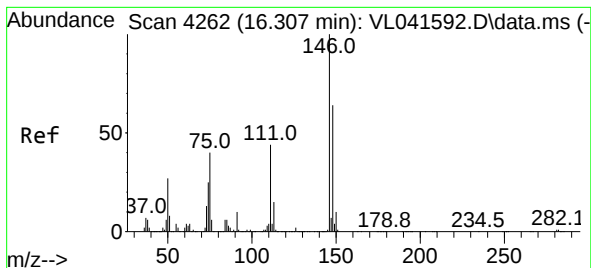


#74
1,2,4-Trimethylbenzene
Concen: 10.286 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54



Tgt Ion:105 Resp: 3289288
Ion Ratio Lower Upper
105 100
120 50.8 39.9 59.9
91 52.9 42.6 63.8
77 22.3 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 9.856 ppbv

RT: 16.317 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

Instrument :

MSVOA_L

ClientSampleId :

VL0925ABS01

Tgt Ion:146 Resp: 197524

Ion Ratio Lower Upper

146 100

111 45.6 22.4 67.0

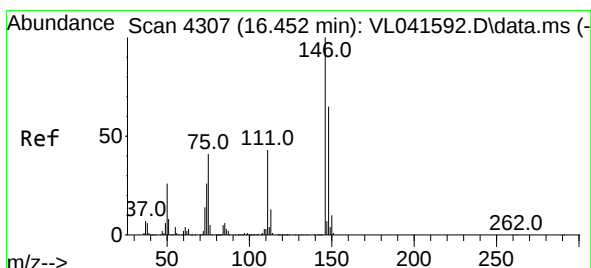
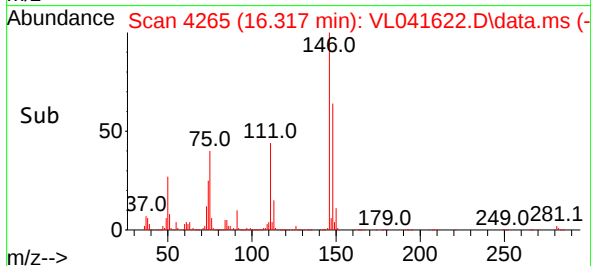
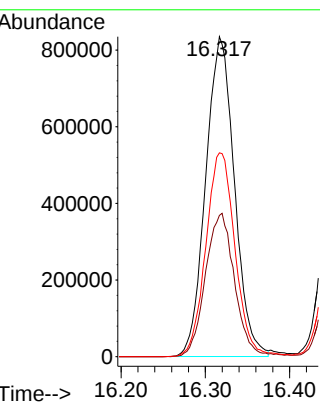
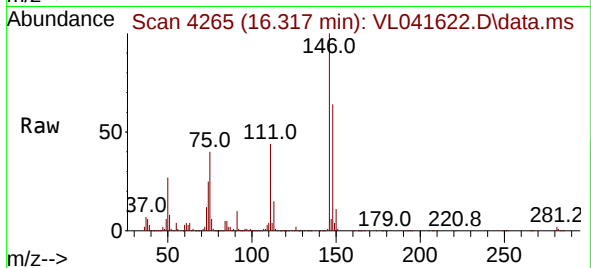
148 65.0 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#76

1,4-Dichlorobenzene

Concen: 9.983 ppbv

RT: 16.458 min Scan# 4309

Delta R.T. 0.006 min

Lab File: VL041622.D

Acq: 25 Sep 2024 13:54

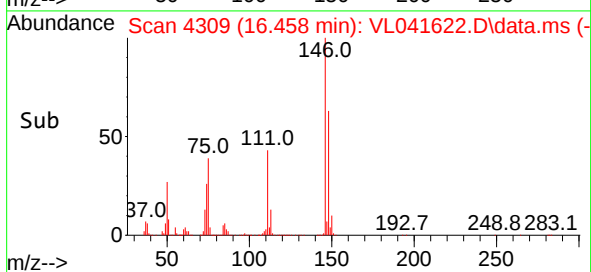
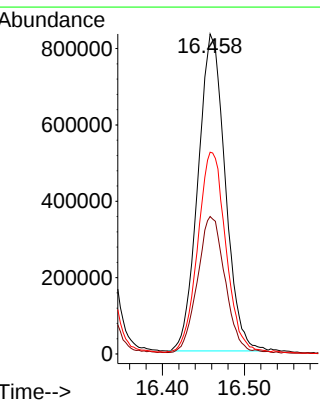
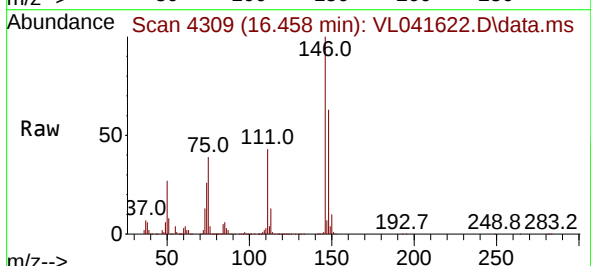
Tgt Ion:146 Resp: 1917260

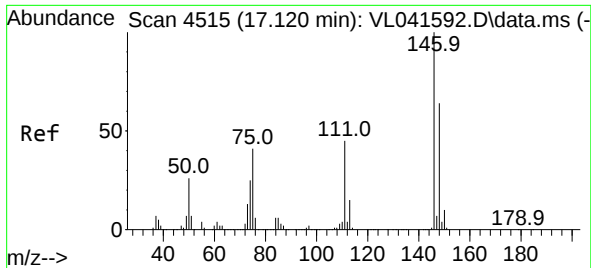
Ion Ratio Lower Upper

146 100

111 45.5 22.4 67.3

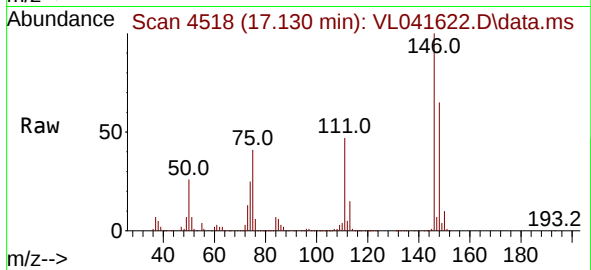
148 66.8 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 9.784 ppbv
RT: 17.130 min Scan# 4515
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

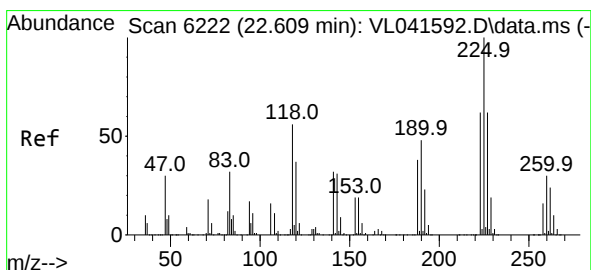
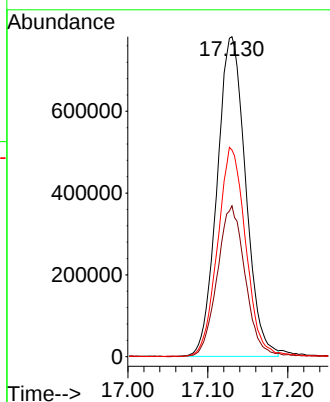
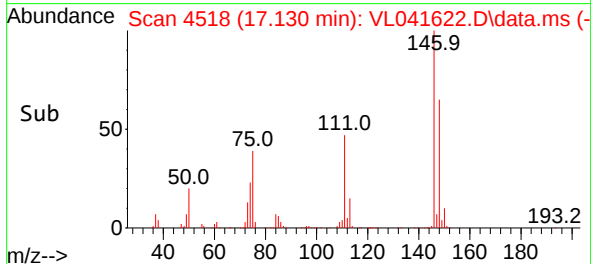
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



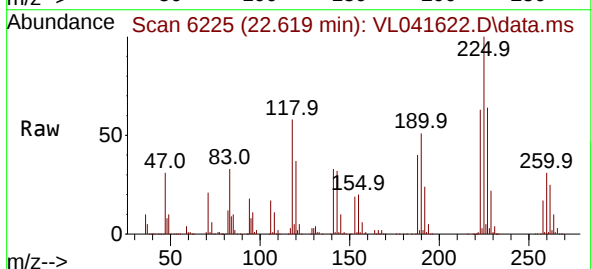
Tgt Ion:146 Resp: 193587
Ion Ratio Lower Upper
146 100
111 46.7 23.4 70.0
148 64.7 32.5 97.4

Manual Integrations
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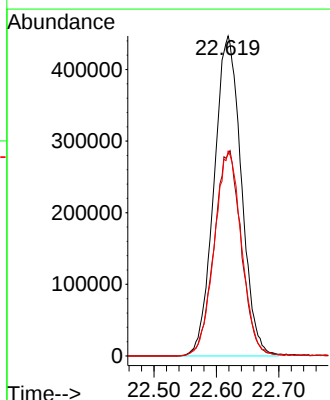
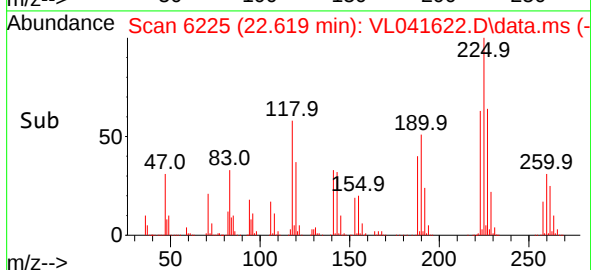
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

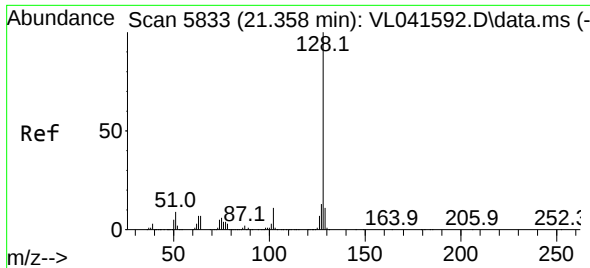


#78
Hexachloro-1,3-Butadiene
Concen: 8.313 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54



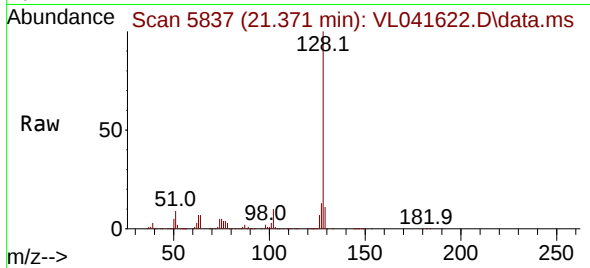
Tgt Ion:225 Resp: 1356779
Ion Ratio Lower Upper
225 100
223 64.0 50.6 75.8
227 64.0 50.9 76.3





#79
Naphthalene
Concen: 11.108 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.013 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54

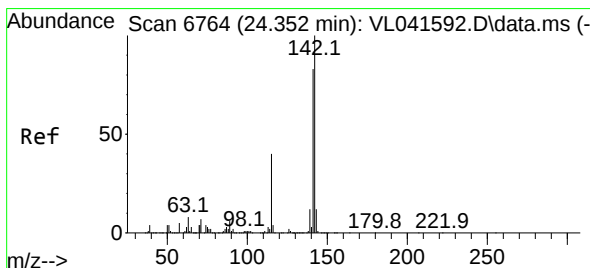
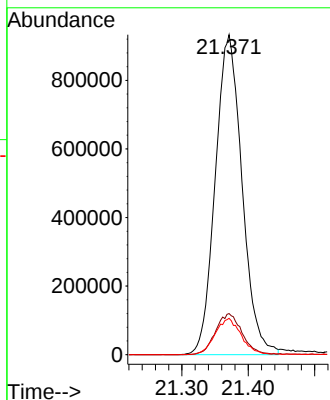
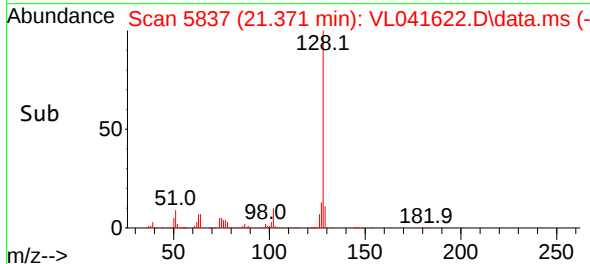
Instrument :
MSVOA_L
ClientSampleId :
VL0925ABS01



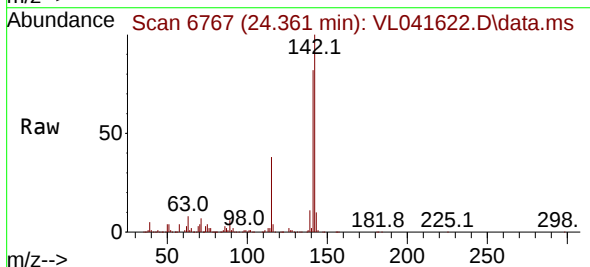
Tgt Ion:128 Resp: 261419
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.3 9.1 13.7

Manual Integrations
APPROVED

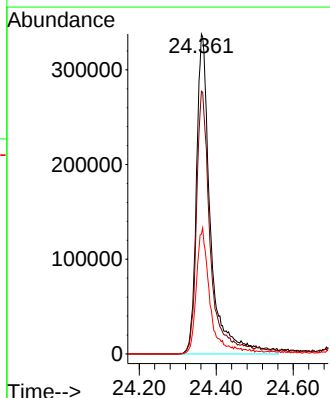
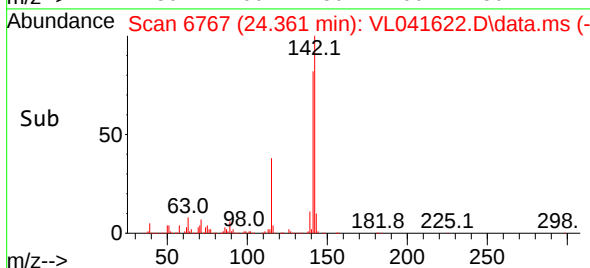
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

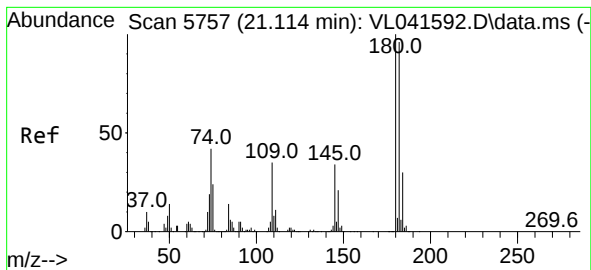


#80
Naphthalene,2-methyl-
Concen: 5.224 ppbv
RT: 24.361 min Scan# 6767
Delta R.T. 0.010 min
Lab File: VL041622.D
Acq: 25 Sep 2024 13:54



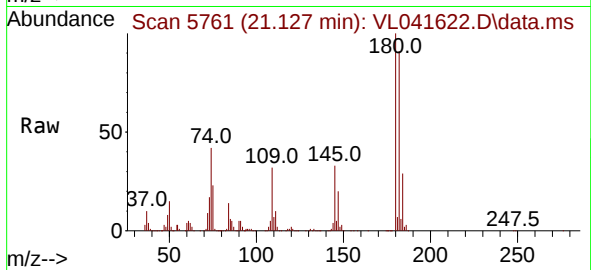
Tgt Ion:142 Resp: 861545
Ion Ratio Lower Upper
142 100
141 82.7 66.3 99.5
115 39.1 31.4 47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.222 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: VL041622.D
 Acq: 25 Sep 2024 13:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0925ABS01



Tgt Ion:180 Resp: 1379923

Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.5	114.7
184	31.0	24.7	37.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

