

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041759.D
 Acq On : 16 Dec 2024 18:59
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL121624

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 07:36:00 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

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

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	64976	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	174378	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	153443	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 129985 10.166 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	106780	9.236	ppbv	95
3) Chlorodifluoromethane	1.476	51	105141	9.922	ppbv	99
4) Chloromethane	1.531	50	43409	9.596	ppbv	96
5) Vinyl Chloride	1.580	62	40956	8.986	ppbv	97
6) Bromomethane	1.667	94	19590	9.109	ppbv	94
7) Chloroethane	1.703	64	17356	9.803	ppbv	92
8) Dichlorotetrafluoroethane	1.554	85	99858	9.650	ppbv	98
9) Propene	1.483	41	41721	9.084	ppbv	98
10) Heptane	4.981	43	115804	9.816	ppbv	99
11) Trichlorofluoromethane	1.877	101	115785	9.428	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.140	101	88265	9.450	ppbv	100
13) Ethanol	1.722	45	2749m	7.229	ppbv	
14) Bromoethene	1.780	108	31492	9.987	ppbv	98
15) Acetone	1.835	43	94879	7.505	ppbv	99
16) 1,3-Butadiene	1.609	39	45119	9.063	ppbv	98
17) tert-Butyl alcohol	2.039	59	122035	9.730	ppbv	100
18) 1,1-Dichloroethene	2.033	96	37466	9.568	ppbv	98
19) Isopropyl Alcohol	1.884	45	57577	7.590	ppbv	98
20) Methylene Chloride	2.062	84	32325	8.967	ppbv	96
21) Allyl Chloride	2.094	41	67596	9.859	ppbv	97
22) trans-1,2-Dichloroethene	2.340	96	42651	9.515	ppbv	97
23) Vinyl Acetate	2.463	43	51812	8.826	ppbv #	98
24) 1,1-Dichloroethane	2.408	63	87006	9.589	ppbv	100
25) Ethyl Acetate	2.835	43	234370	9.965	ppbv	100
26) Hexane	2.826	57	87034	9.752	ppbv	97
27) Carbon Disulfide	2.149	76	85650	10.649	ppbv	100
28) Methyl tert-Butyl Ether	2.441	73	62189	8.589	ppbv	99
29) Chloroform	2.848	83	134541	9.892	ppbv	98
30) Cyclohexane	3.858	84	75274	9.912	ppbv	98
31) cis-1,2-Dichloroethene	2.719	61	91628	9.935	ppbv	97
32) 1,1,1-Trichloroethane	3.366	97	137978	9.979	ppbv	99
34) 2-Butanone	2.557	43	133939	9.547	ppbv	99
35) Carbon Tetrachloride	3.764	117	138537	11.191	ppbv	97
36) Benzene	3.658	78	176537	9.787	ppbv	99
37) 1,2-Dichloroethane	3.221	62	112037	9.982	ppbv	99
38) Trichloroethene	4.551	130	70108	9.156	ppbv	96
39) 1,2-Dichloropropane	4.318	63	63675	9.761	ppbv	95
40) 1,4-Dioxane	4.583	88	30891	9.693	ppbv #	98
41) Tetrahydrofuran	3.056	42	77472	9.857	ppbv	99
42) Bromodichloromethane	4.493	83	139717	10.821	ppbv	95
43) Methyl Methacrylate	4.881	69	70299	10.229	ppbv	100
44) 2,2,4-Trimethylpentane	4.641	57	301772	9.796	ppbv	100
45) t-1,3-Dichloropropene	6.415	75	77534	10.907	ppbv	94

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Instrument :
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 ICVVL121624

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 07:36:00 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

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

QLast Update : Thu Dec 19 07:32:09 2024

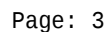
Response via : Initial Calibration

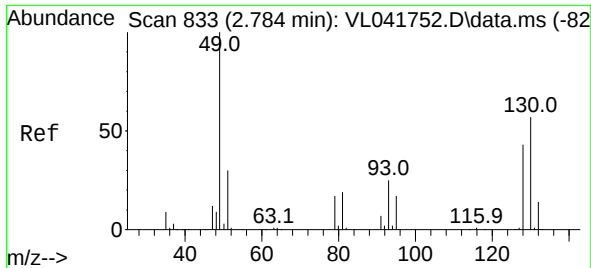
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	95812	10.617	ppbv	97
47) 1,1,2-Trichloroethane	6.587	97	66169m	9.711	ppbv	
48) Dibromochloromethane	7.389	129	105378	11.326	ppbv	100
49) Bromoform	9.487	173	88971	11.682	ppbv	100
50) 4-Methyl-2-Pentanone	5.758	43	190637	9.980	ppbv	99
51) 2-Hexanone	7.441	43	155646	10.053	ppbv #	100
52) Tetrachloroethene	8.228	164	62782	9.351	ppbv	96
53) Toluene	6.933	91	199754	9.768	ppbv	99
54) 1,2-Dibromoethane	7.655	107	93439	9.952	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.927	131	85883	10.558	ppbv	99
57) Chlorobenzene	8.924	112	155257	9.888	ppbv	98
58) Ethyl Benzene	9.357	91	284770	10.308	ppbv	98
59) m/p-Xylene	9.555	91	459102m	20.669	ppbv	
60) o-Xylene	9.966	91	229517	10.304	ppbv	98
61) Styrene	9.875	104	106841	11.093	ppbv	99
62) Isopropylbenzene	10.542	105	348887	10.425	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.966	83	137547	9.865	ppbv	99
64) n-propylbenzene	10.992	120	87865	10.384	ppbv	98
65) tert-Butylbenzene	11.536	119	307790	10.194	ppbv	100
66) Benzyl Chloride	11.620	91	29398	11.054	ppbv	99
67) sec-Butylbenzene	11.772	105	430521	10.304	ppbv	99
69) p-Isopropyltoluene	11.927	119	365667	10.620	ppbv	100
70) n-Butylbenzene	12.283	91	356880	10.727	ppbv	99
71) 2-Chlorotoluene	10.904	91	264123	10.340	ppbv	99
72) 4-Ethyltoluene	11.128	105	280580	10.672	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	237804	10.902	ppbv	95
74) 1,2,4-Trimethylbenzene	11.542	105	256141	10.919	ppbv #	88
75) 1,3-Dichlorobenzene	11.610	146	149927	10.025	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	152212	10.302	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	142734	9.919	ppbv	100
78) Hexachloro-1,3-Butadiene	13.885	225	94671	8.873	ppbv	99
79) Naphthalene	13.516	128	202413	12.384	ppbv	100
80) Naphthalene,2-methyl-	14.461	142	102431	20.261	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	98468	11.025	ppbv	99

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

Manual Integrations

Quant Time: Dec 19 07:36:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration





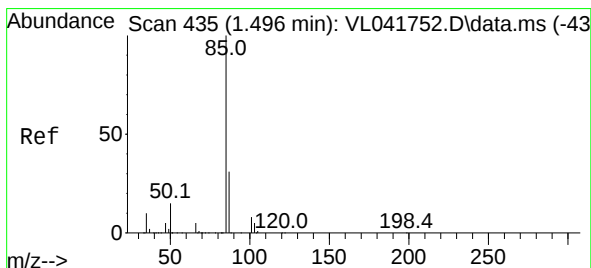
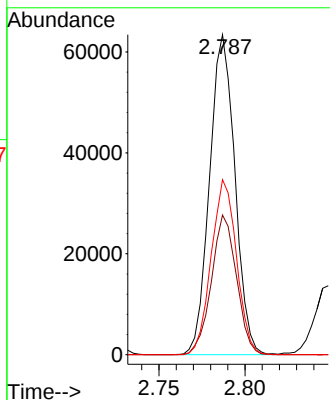
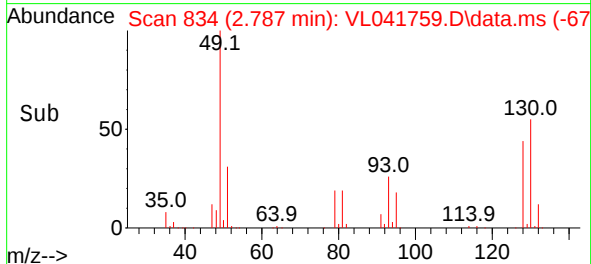
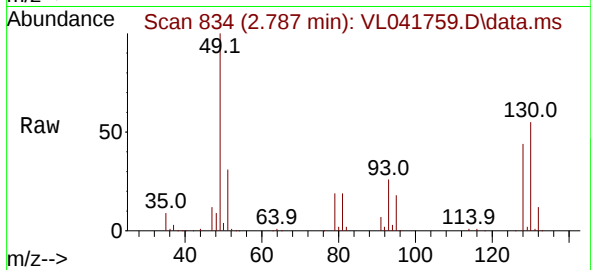
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624

Tgt Ion: 49 Resp: 64970
Ion Ratio Lower Upper
49 100
128 43.2 21.6 64.6
130 54.5 28.3 85.0

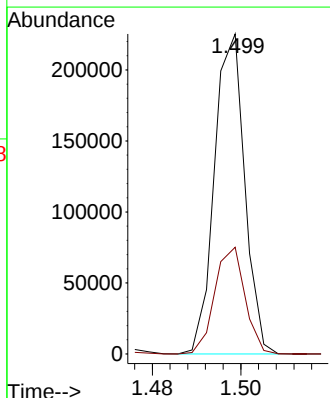
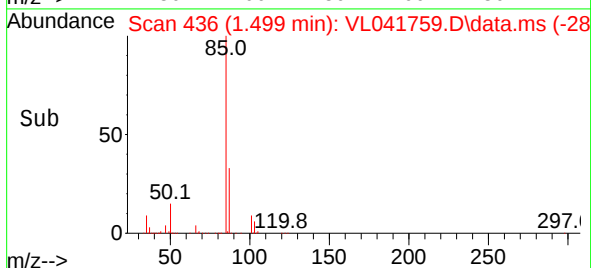
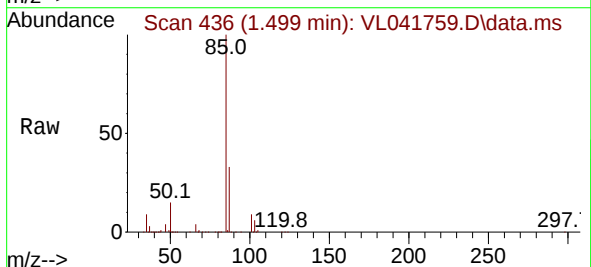
Manual Integrations
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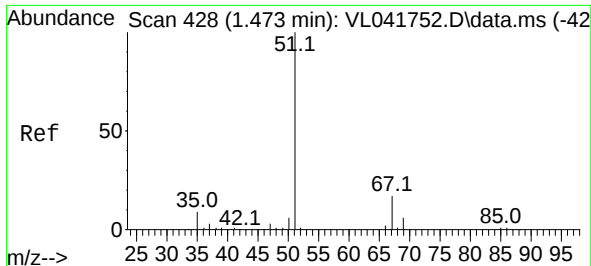
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 9.236 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Tgt Ion: 85 Resp: 106780
Ion Ratio Lower Upper
85 100
87 33.4 24.5 36.7





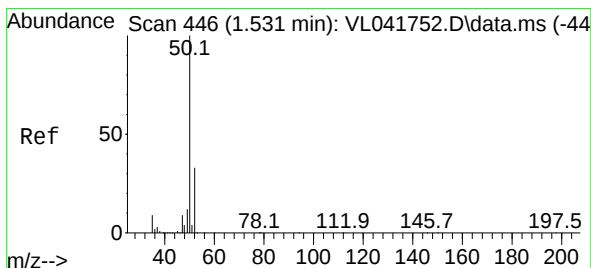
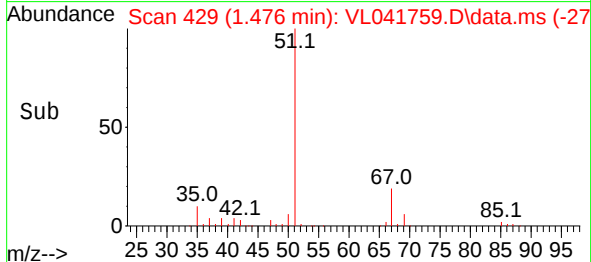
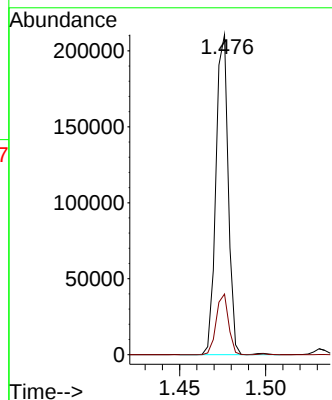
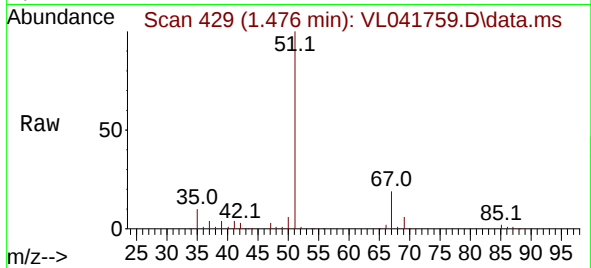
#3
Chlorodifluoromethane
Concen: 9.922 ppbv
RT: 1.476 min Scan# 428
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624

Tgt Ion: 51 Resp: 10514
Ion Ratio Lower Upper
51 100
67 19.1 15.0 22.4

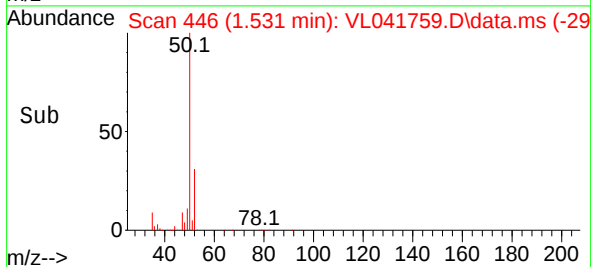
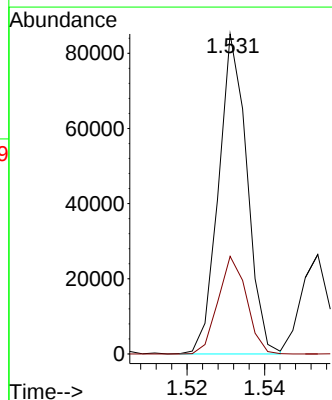
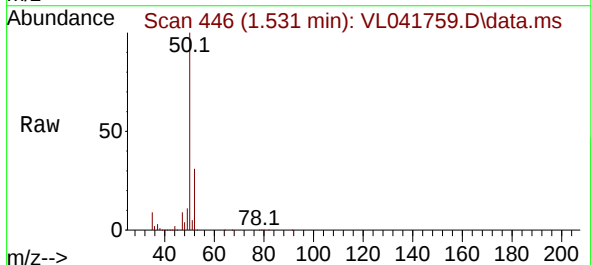
Manual Integrations
APPROVED

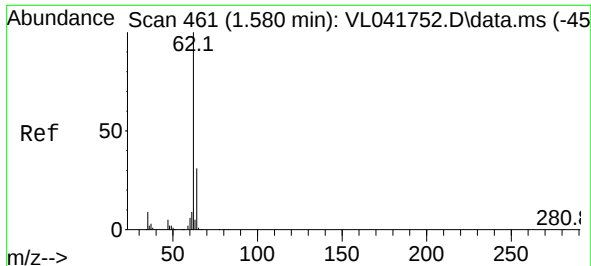
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Chloromethane
Concen: 9.596 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

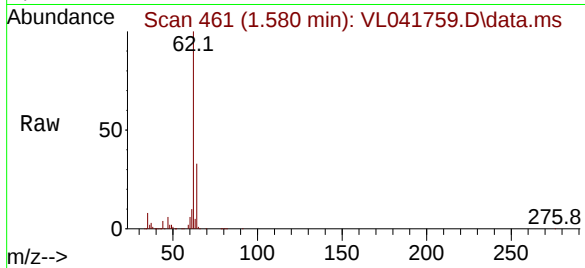
Tgt Ion: 50 Resp: 43409
Ion Ratio Lower Upper
50 100
52 30.6 26.2 39.2





#5
 Vinyl Chloride
 Concen: 8.986 ppbv
 RT: 1.580 min Scan# 40950
 Delta R.T. -0.000 min
 Lab File: VL041759.D
 Acq: 16 Dec 2024 18:59

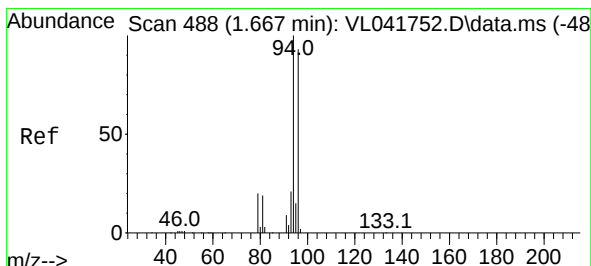
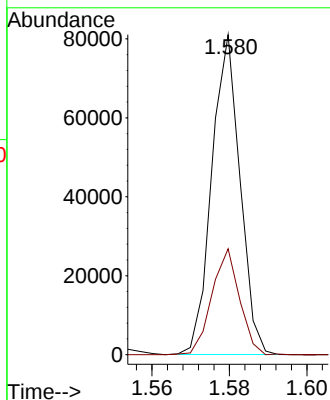
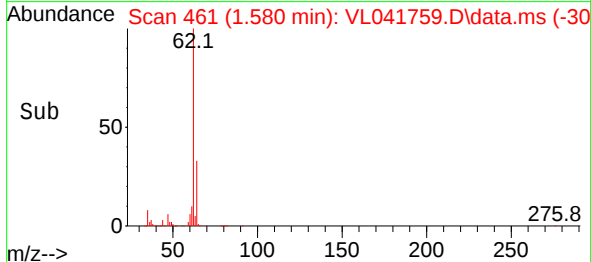
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL121624



Tgt Ion: 62 Resp: 40950
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.1 37.7

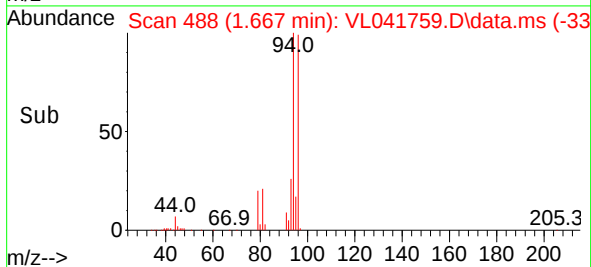
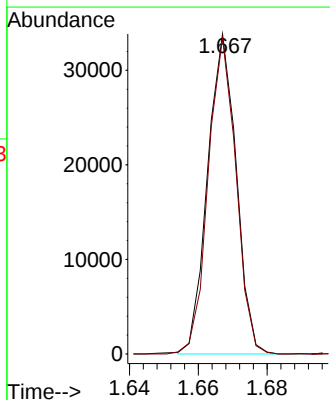
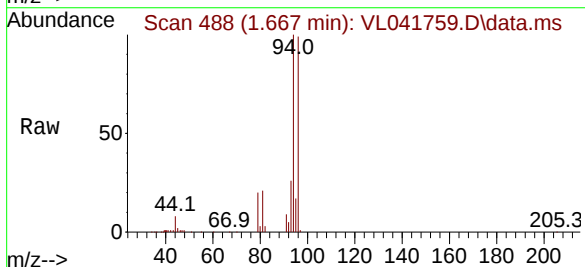
Manual Integrations
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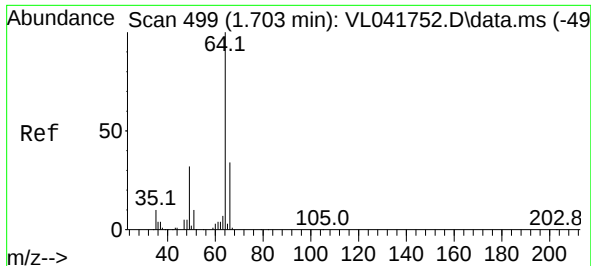
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#6
 Bromomethane
 Concen: 9.109 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL041759.D
 Acq: 16 Dec 2024 18:59

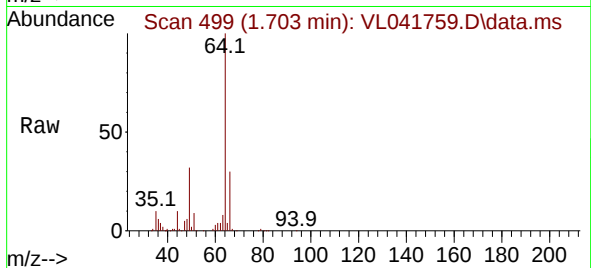
Tgt Ion: 94 Resp: 19590
 Ion Ratio Lower Upper
 94 100
 96 98.9 74.7 112.1





#7
Chloroethane
Concen: 9.803 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

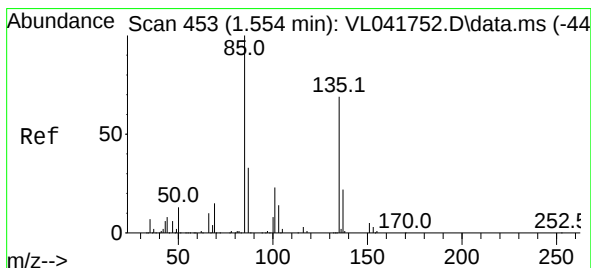
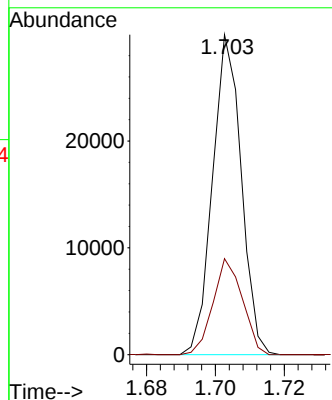
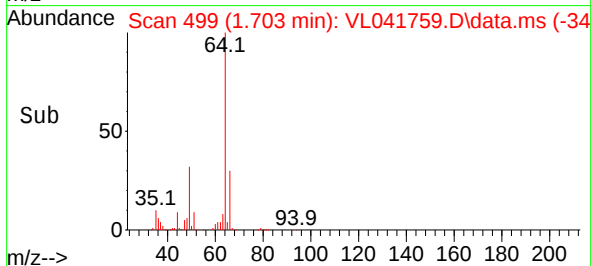
Instrument : MSVOA_L
ClientSampleId : ICVVL121624



Tgt Ion: 64 Resp: 17350
Ion Ratio Lower Upper
64 100
66 30.0 27.5 41.3

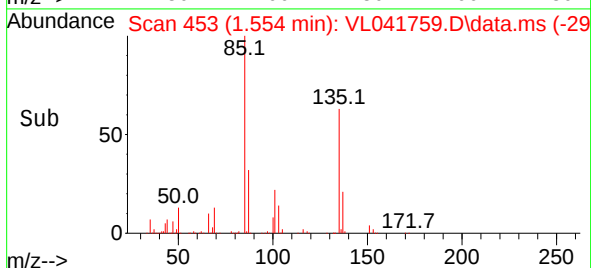
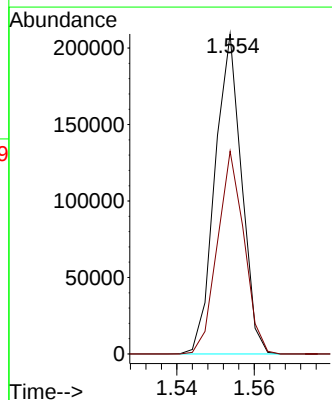
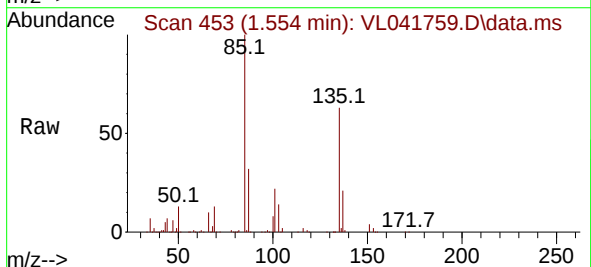
Manual Integrations
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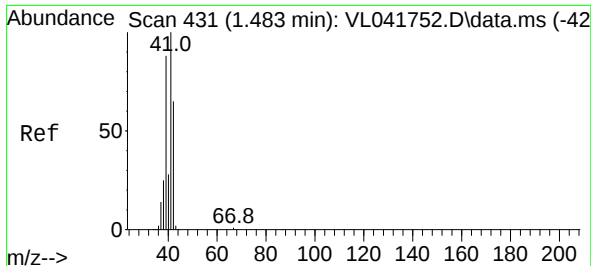
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#8
Dichlorotetrafluoroethane
Concen: 9.650 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Tgt Ion: 85 Resp: 99858
Ion Ratio Lower Upper
85 100
135 63.6 51.9 77.9





#9

Propene

Concen: 9.084 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

Tgt Ion: 41 Resp: 4172

Ion Ratio Lower Upper

41 100

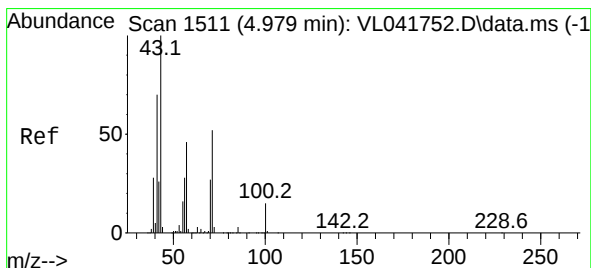
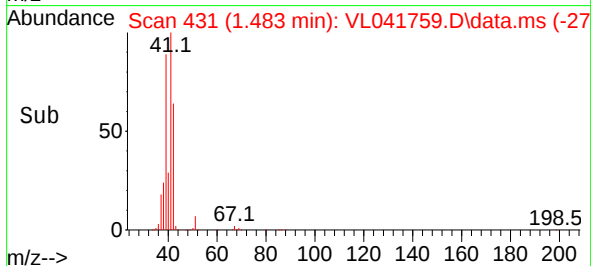
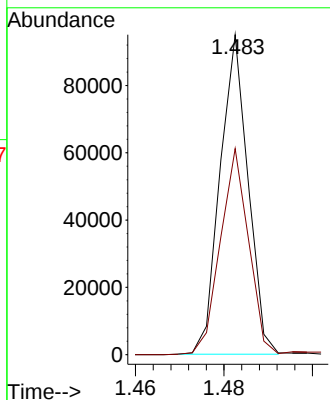
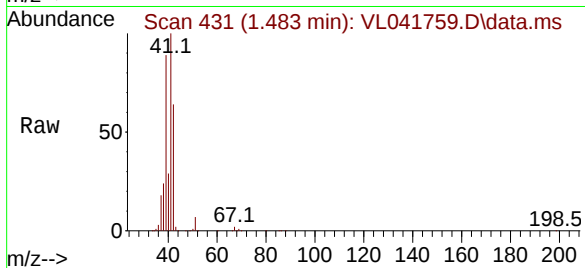
42 66.7 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#10

Heptane

Concen: 9.816 ppbv

RT: 4.981 min Scan# 1512

Delta R.T. 0.003 min

Lab File: VL041759.D

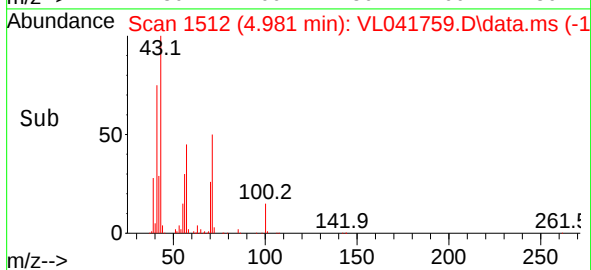
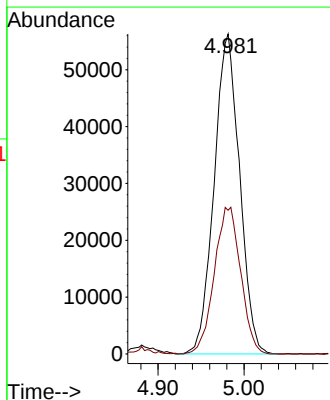
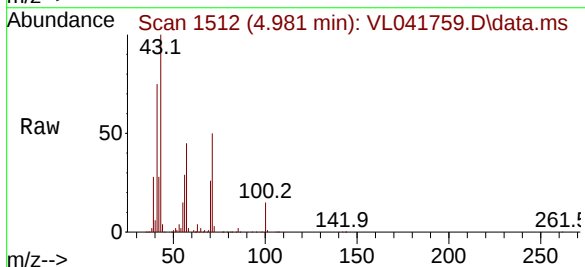
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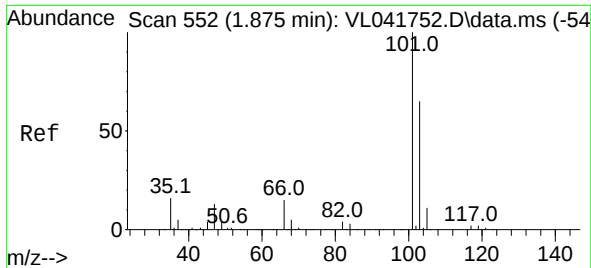
Tgt Ion: 43 Resp: 115804

Ion Ratio Lower Upper

43 100

57 47.4 38.5 57.7





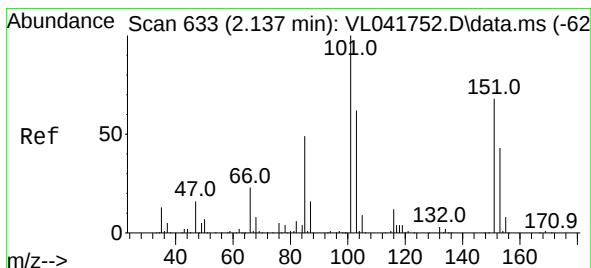
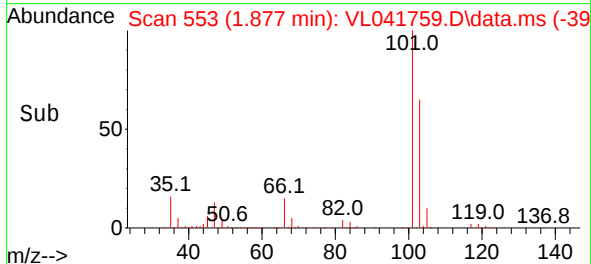
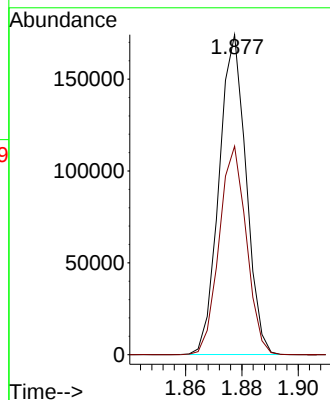
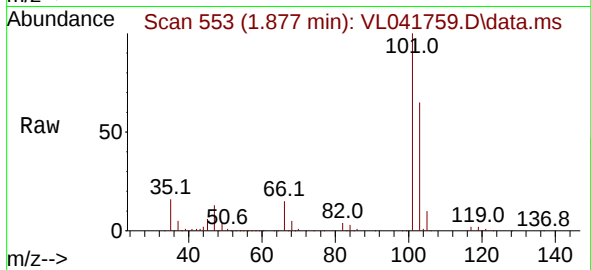
#11
 Trichlorofluoromethane
 Concen: 9.428 ppbv
 RT: 1.877 min Scan# 552
 Delta R.T. 0.003 min
 Lab File: VL041759.D
 Acq: 16 Dec 2024 18:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL121624

Tgt Ion:101 Resp: 115785
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.8 77.8

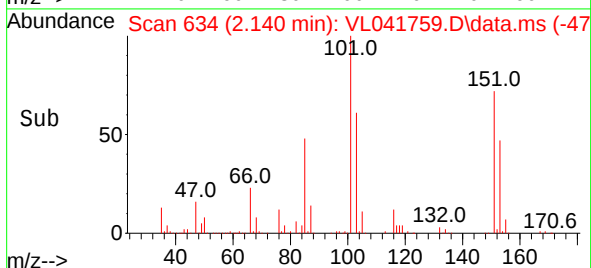
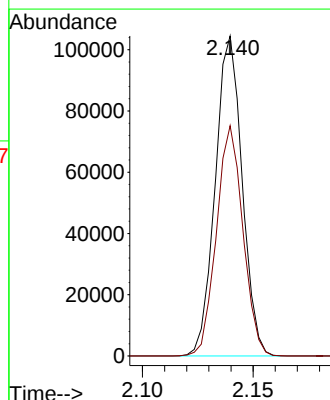
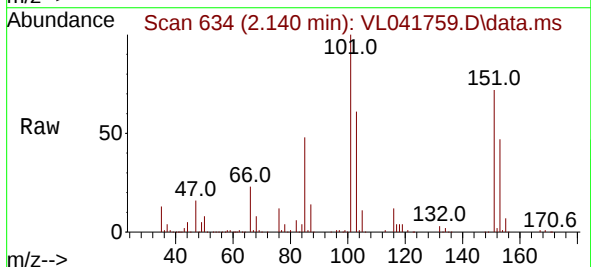
Manual Integrations
 APPROVED

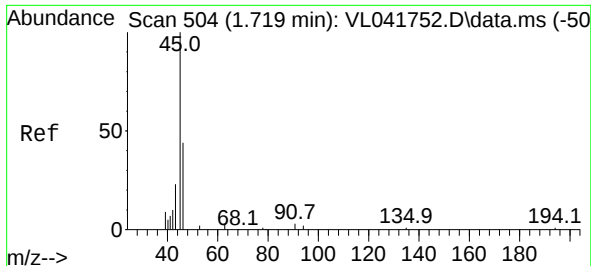
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.450 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL041759.D
 Acq: 16 Dec 2024 18:59

Tgt Ion:101 Resp: 88265
 Ion Ratio Lower Upper
 101 100
 151 70.8 56.8 85.2





#13

Ethanol

Concen: 7.229 ppbv m

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL041759.D

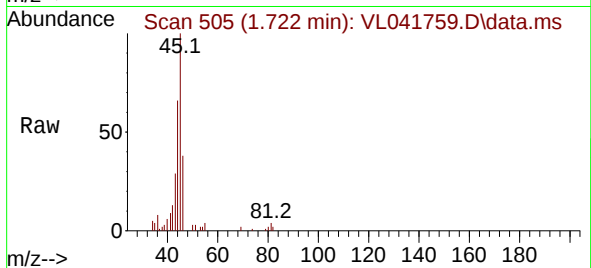
Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624



Tgt Ion: 45 Resp: 2749

Ion Ratio Lower Upper

45 100

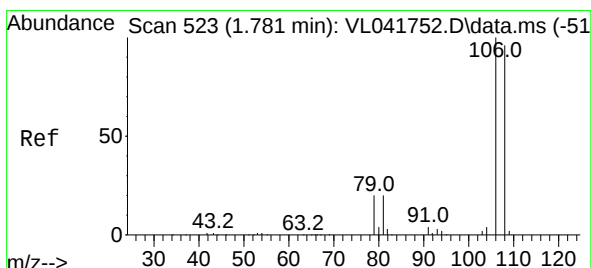
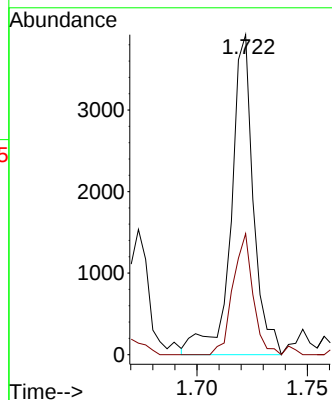
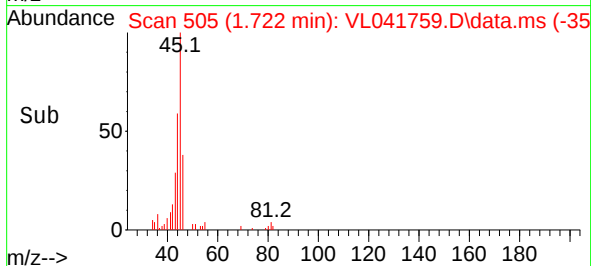
46 35.2 16.4 65.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#14

Bromoethene

Concen: 9.987 ppbv

RT: 1.780 min Scan# 523

Delta R.T. -0.000 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

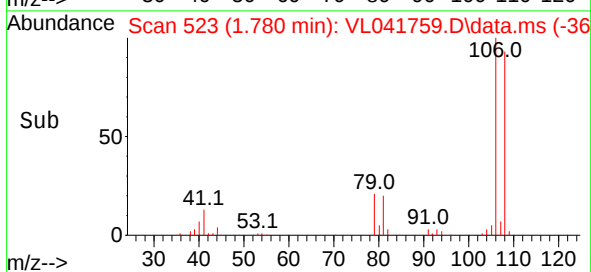
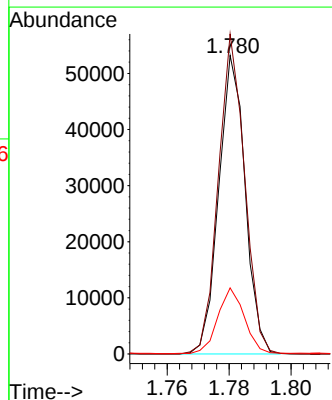
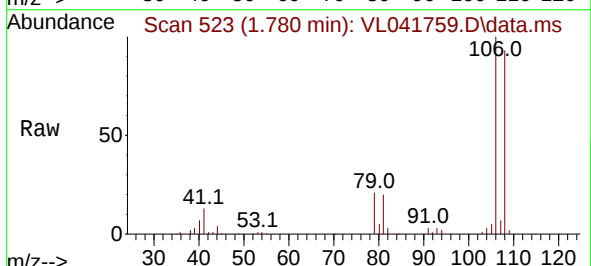
Tgt Ion:108 Resp: 31492

Ion Ratio Lower Upper

108 100

106 106.4 84.1 126.1

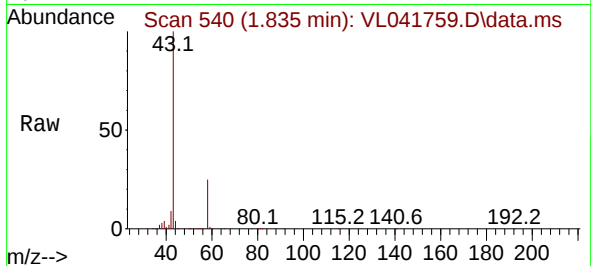
79 23.4 17.4 26.0





#15
Acetone
Concen: 7.505 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

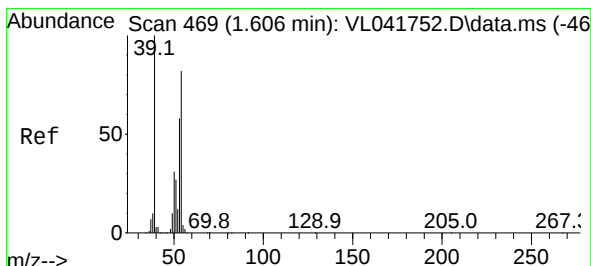
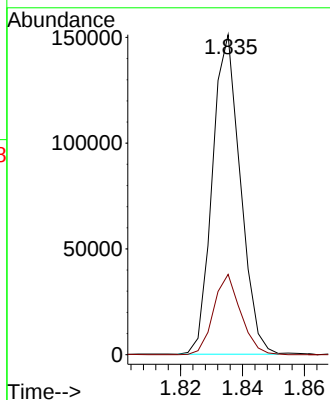
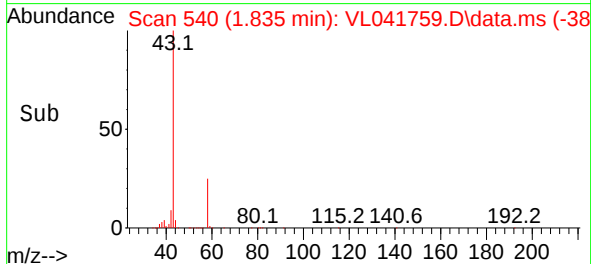
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624



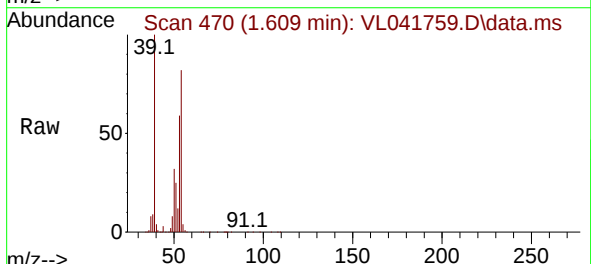
Tgt Ion: 43 Resp: 94879
Ion Ratio Lower Upper
43 100
58 24.3 19.7 29.5

Manual Integrations
APPROVED

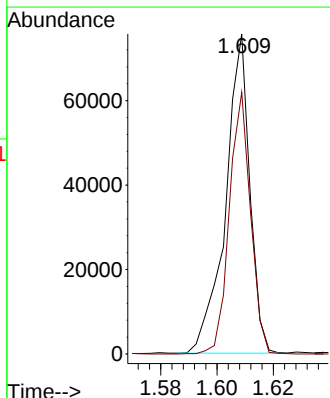
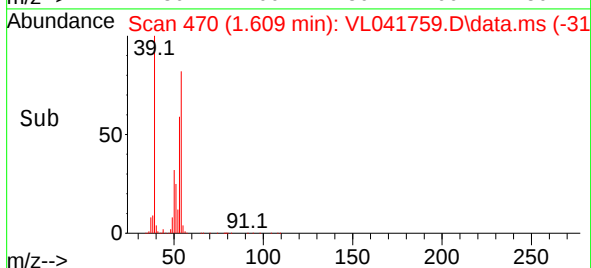
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

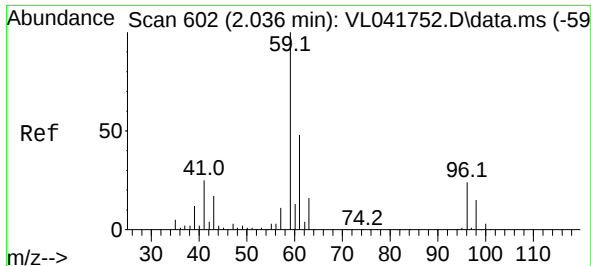


#16
1,3-Butadiene
Concen: 9.063 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59



Tgt Ion: 39 Resp: 45119
Ion Ratio Lower Upper
39 100
54 71.7 58.4 87.6





#17
tert-Butyl alcohol
Concen: 9.730 ppbv
RT: 2.039 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

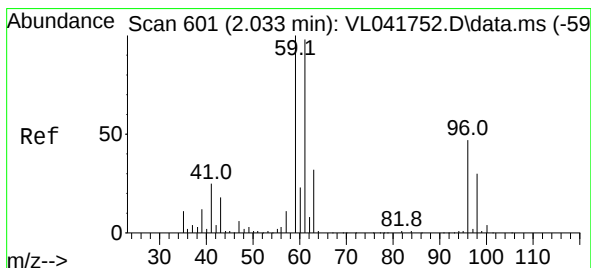
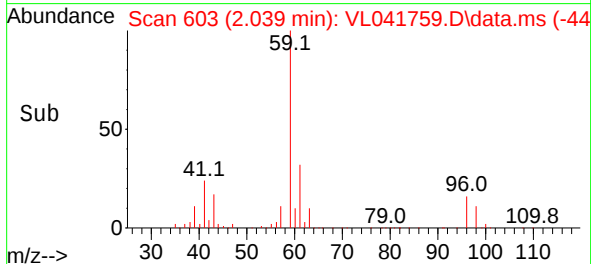
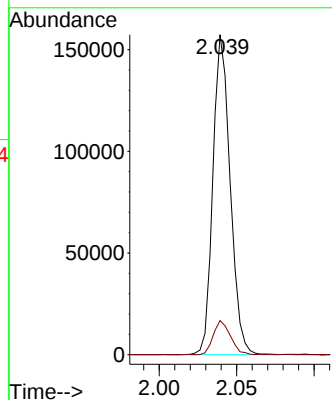
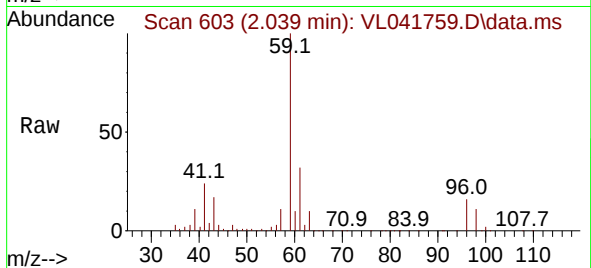
ICVVL121624

Tgt Ion: 59 Resp: 122034
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0

Manual Integrations

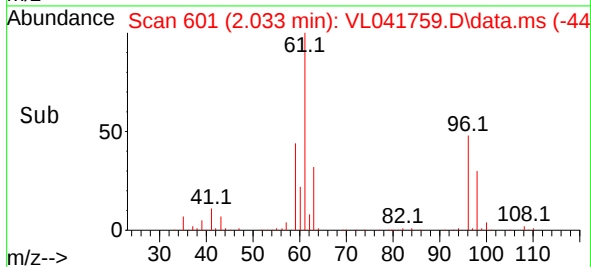
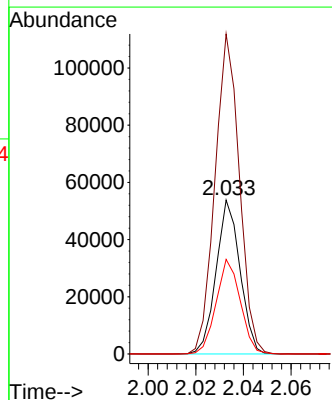
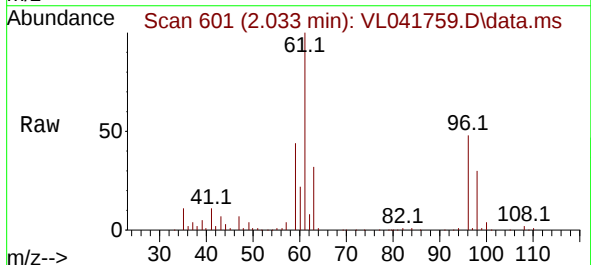
APPROVED

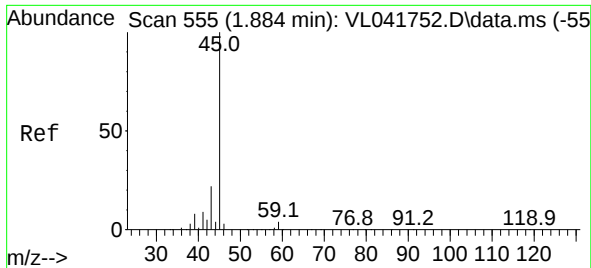
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
1,1-Dichloroethene
Concen: 9.568 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.000 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Tgt Ion: 96 Resp: 37466
Ion Ratio Lower Upper
96 100
61 207.9 167.7 251.5
98 61.5 51.1 76.7





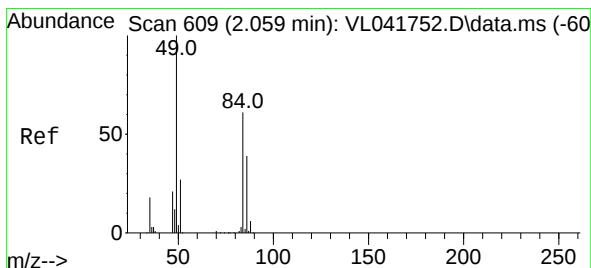
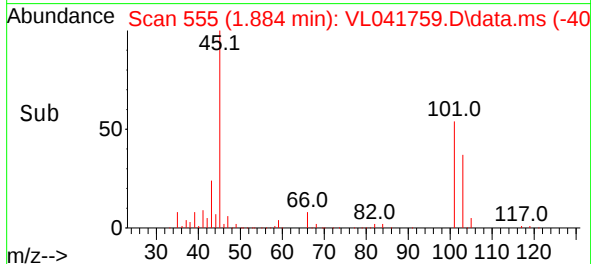
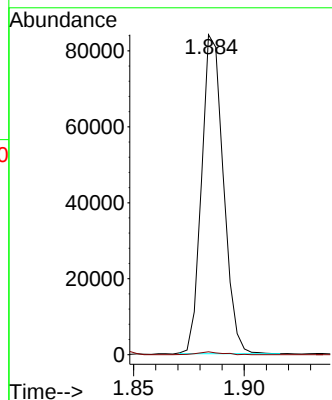
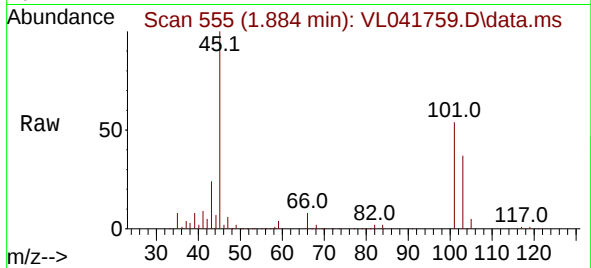
#19
Isopropyl Alcohol
Concen: 7.590 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624

Tgt Ion: 45 Resp: 5757
Ion Ratio Lower Upper
45 100
58 40.1 33.3 49.9

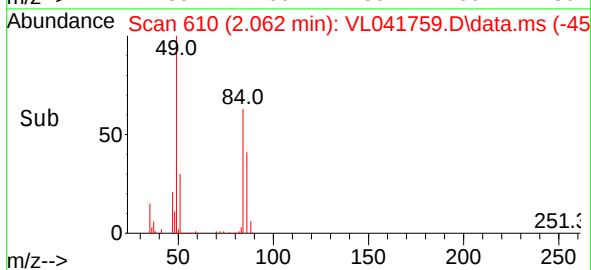
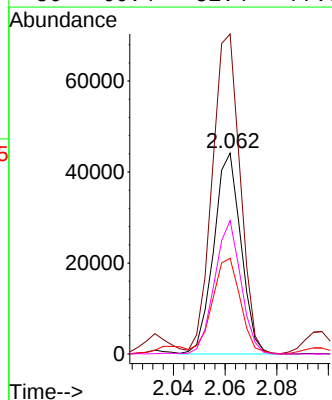
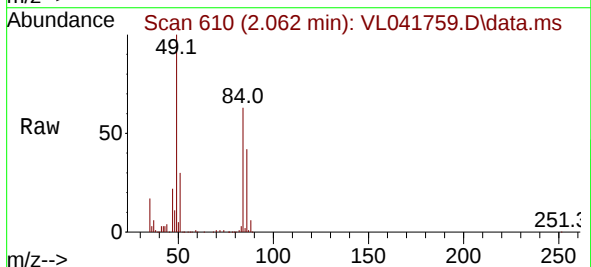
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 8.967 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Tgt Ion: 84 Resp: 32325
Ion Ratio Lower Upper
84 100
49 159.1 132.6 198.8
51 47.7 37.6 56.4
86 66.4 51.4 77.0





#21

Allyl Chloride

Concen: 9.859 ppbv

RT: 2.094 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

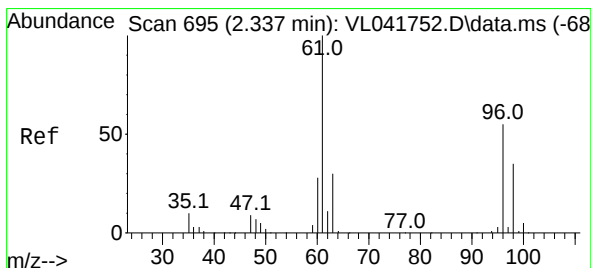
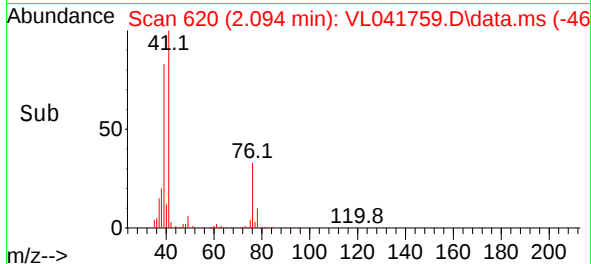
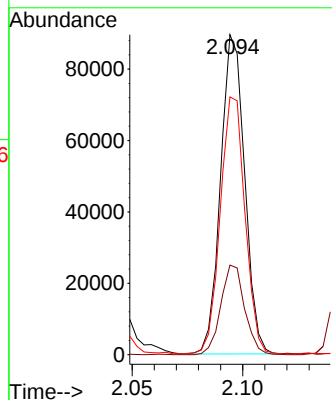
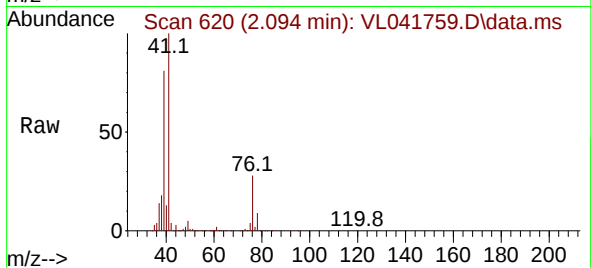
Tgt Ion: 41 Resp: 67590

Ion	Ratio	Lower	Upper
41	100		
76	27.9	22.3	33.5
39	82.6	69.2	103.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#22

trans-1,2-Dichloroethene

Concen: 9.515 ppbv

RT: 2.340 min Scan# 696

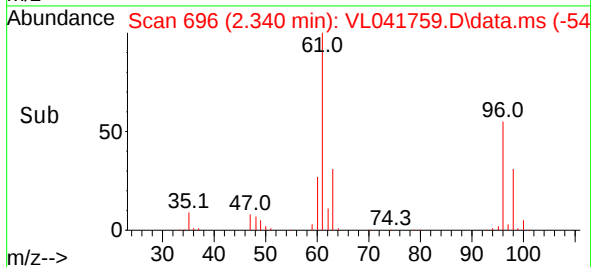
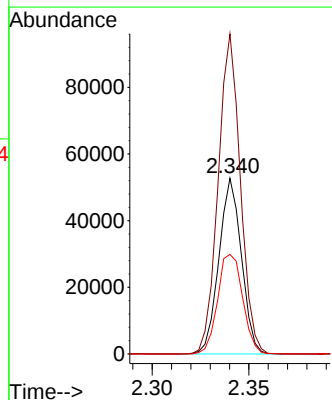
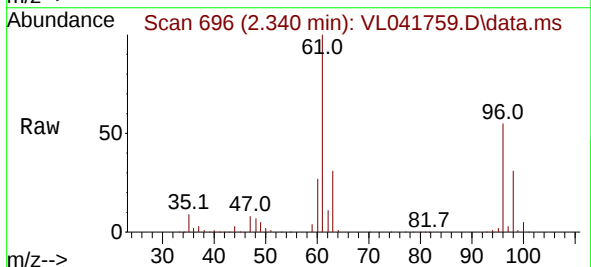
Delta R.T. 0.003 min

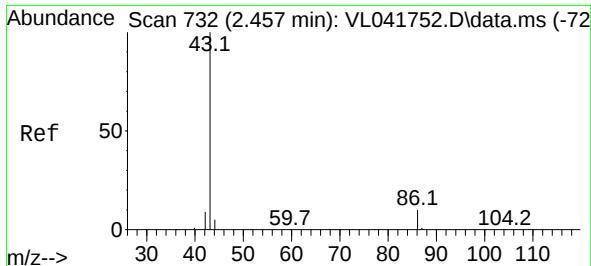
Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Tgt Ion: 96 Resp: 42651

Ion	Ratio	Lower	Upper
96	100		
61	182.2	146.3	219.5
98	56.7	50.8	76.2





#23
 Vinyl Acetate
 Concen: 8.826 ppbv
 RT: 2.463 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VL041759.D
 Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

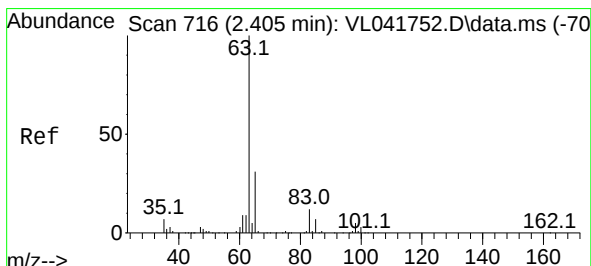
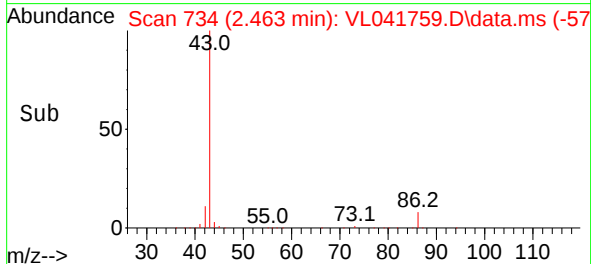
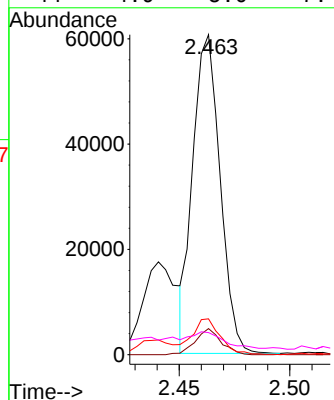
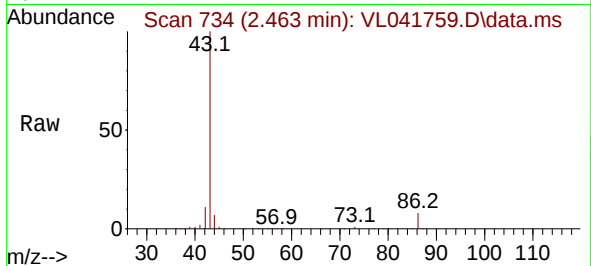
ICVVL121624

Tgt Ion: 43 Resp: 51812
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.6 10.0
 42 11.2 8.2 12.2
 44 4.9 5.0 7.4#

Manual Integrations

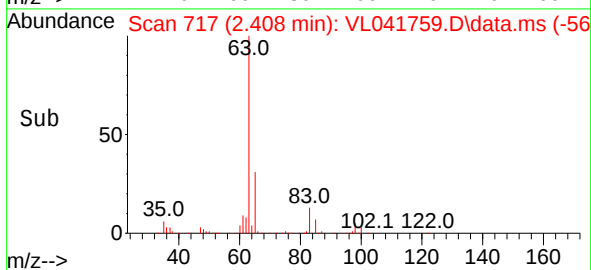
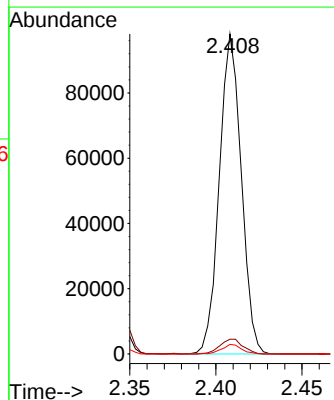
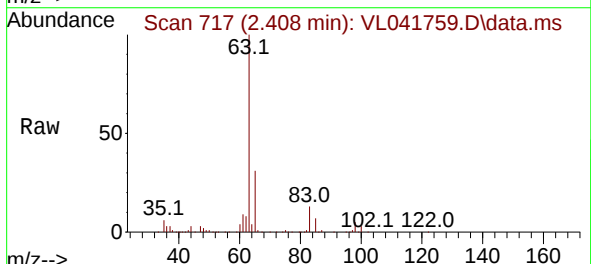
APPROVED

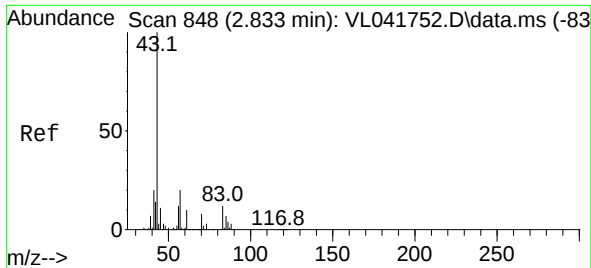
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#24
 1,1-Dichloroethane
 Concen: 9.589 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL041759.D
 Acq: 16 Dec 2024 18:59

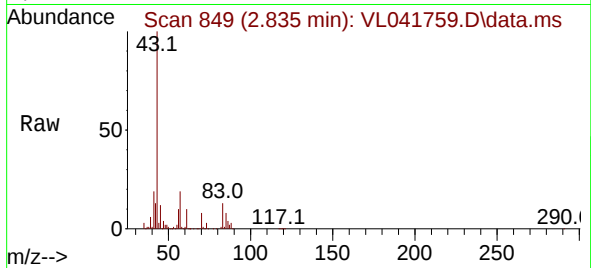
Tgt Ion: 63 Resp: 87006
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.3 6.8
 100 3.0 1.4 4.2





#25
Ethyl Acetate
Concen: 9.965 ppbv
RT: 2.835 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

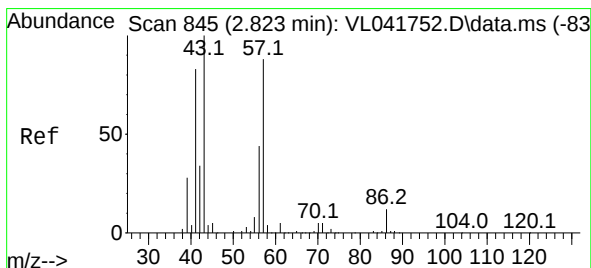
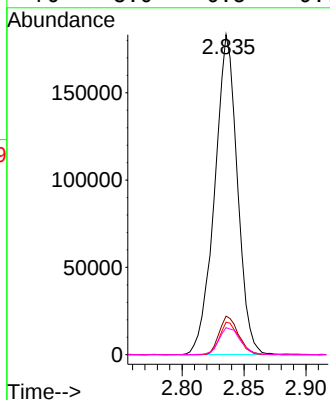
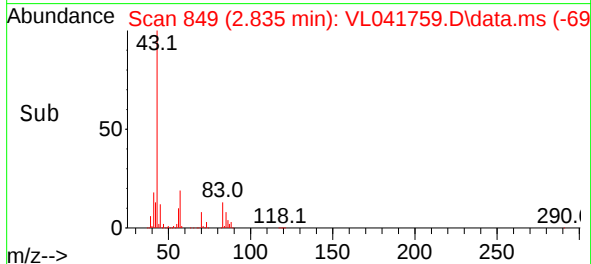
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624



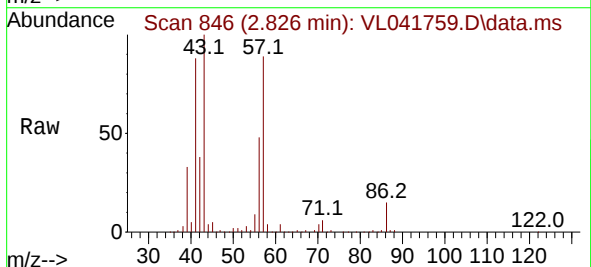
Tgt Ion: 43 Resp: 234370
Ion Ratio Lower Upper
43 100
45 10.2 8.1 12.1
61 8.6 7.0 10.6
70 8.0 6.5 9.7

Manual Integrations
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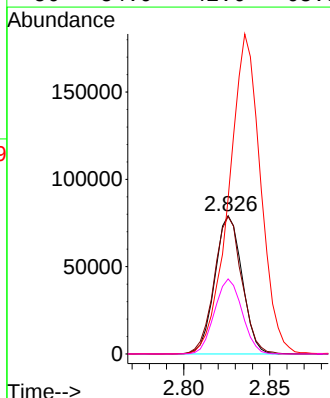
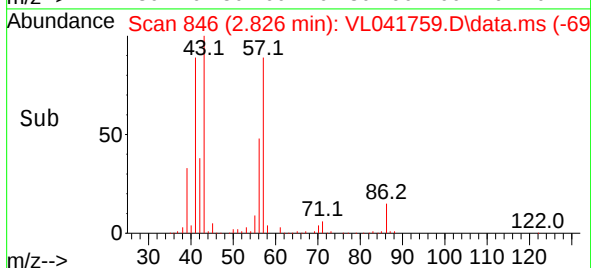
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
Hexane
Concen: 9.752 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59



Tgt Ion: 57 Resp: 87034
Ion Ratio Lower Upper
57 100
41 101.5 79.6 119.4
43 270.5 211.0 316.6
56 54.9 42.6 63.8





#27

Carbon Disulfide

Concen: 10.649 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL041759.D

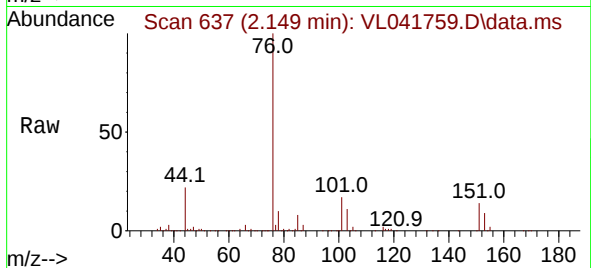
Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624



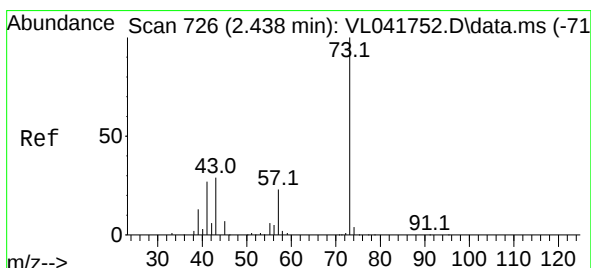
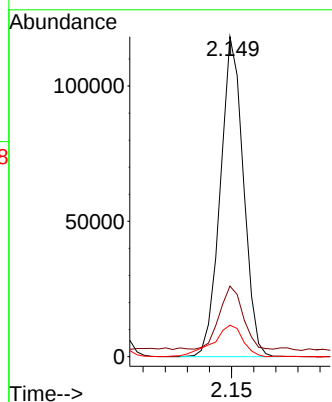
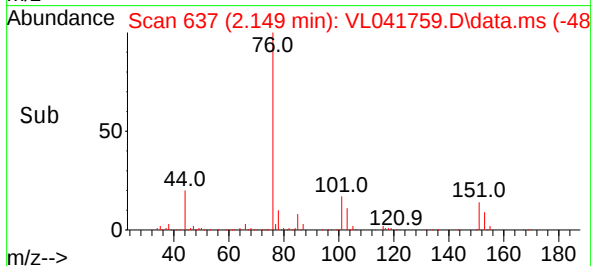
Tgt Ion: 76 Resp: 85650

Ion	Ratio	Lower	Upper
76	100		
44	22.3	17.6	26.4
78	12.9	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#28

Methyl tert-Butyl Ether

Concen: 8.589 ppbv

RT: 2.441 min Scan# 727

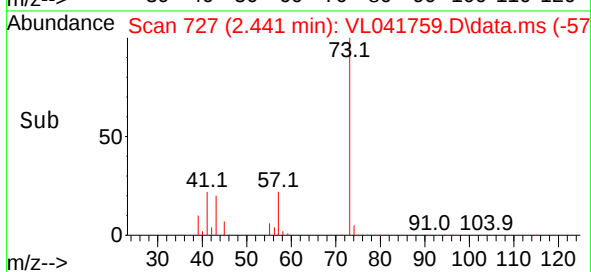
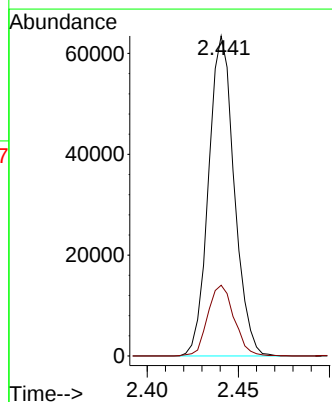
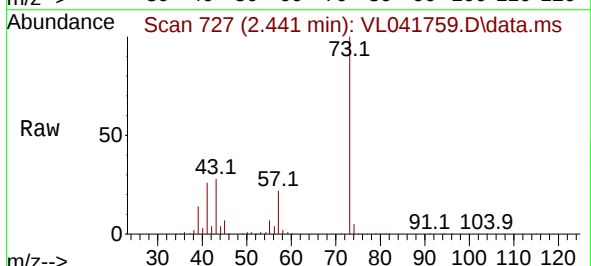
Delta R.T. 0.003 min

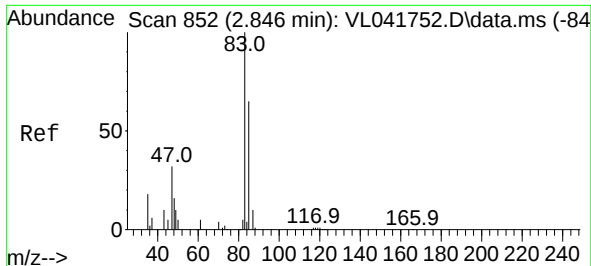
Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Tgt Ion: 73 Resp: 62189

Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.6	26.4





#29

Chloroform

Concen: 9.892 ppbv

RT: 2.848 min Scan# 85

Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

Tgt Ion: 83 Resp: 13454

Ion Ratio Lower Upper

83 100

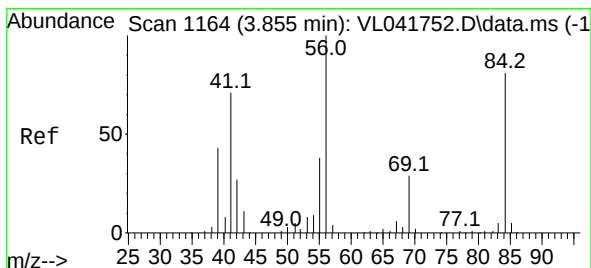
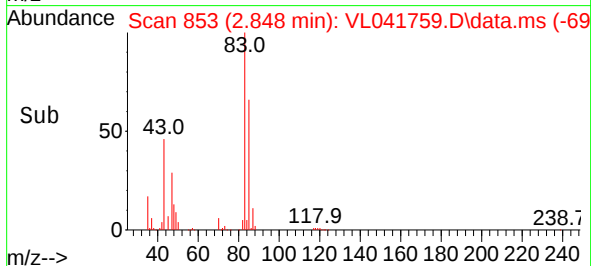
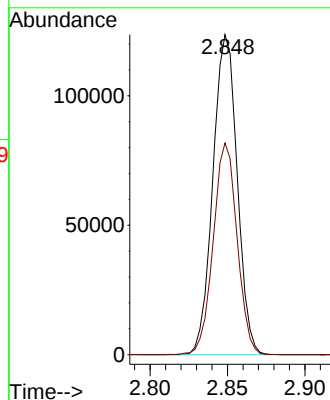
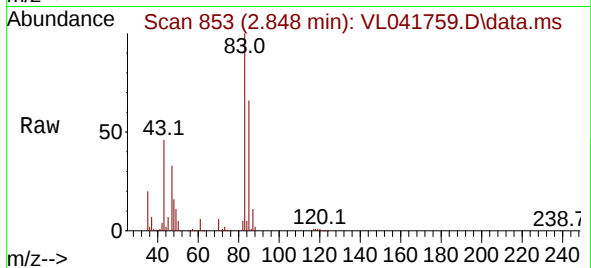
85 66.2 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#30

Cyclohexane

Concen: 9.912 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

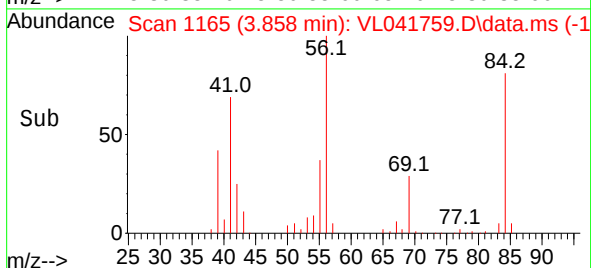
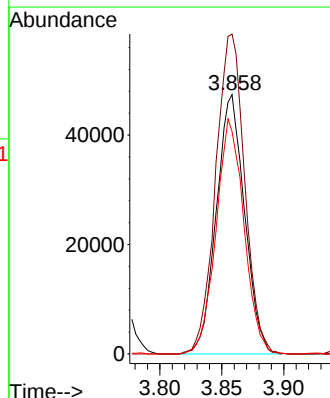
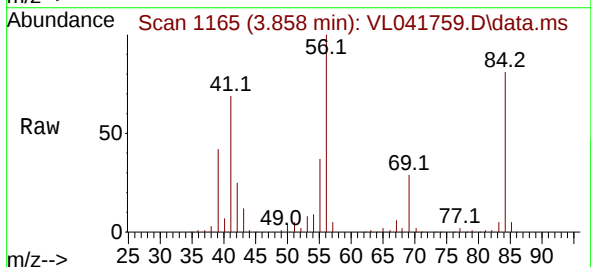
Tgt Ion: 84 Resp: 75274

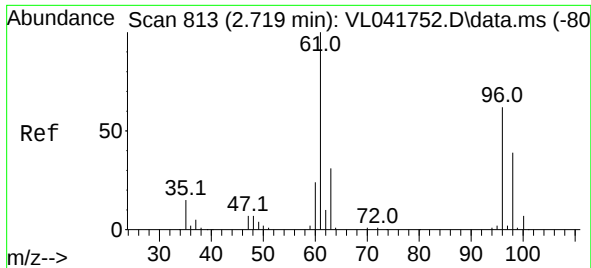
Ion Ratio Lower Upper

84 100

56 126.5 102.3 153.5

41 89.3 74.0 111.0





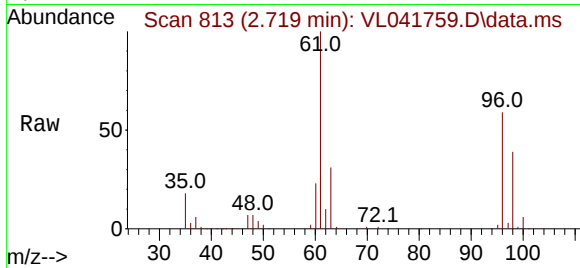
#31
 cis-1,2-Dichloroethene
 Concen: 9.935 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VL041759.D
 Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

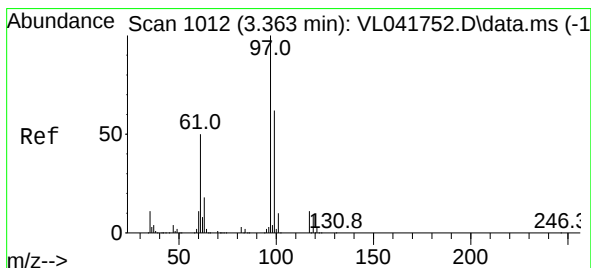
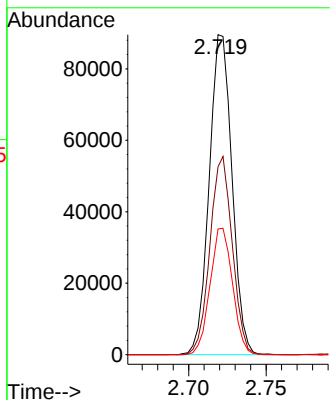
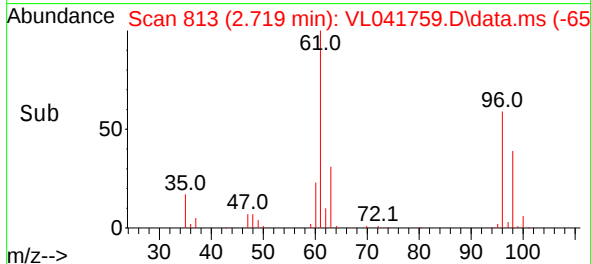


Tgt Ion: 61 Resp: 91628
 Ion Ratio Lower Upper
 61 100
 96 58.7 49.7 74.5
 98 39.3 30.8 46.2

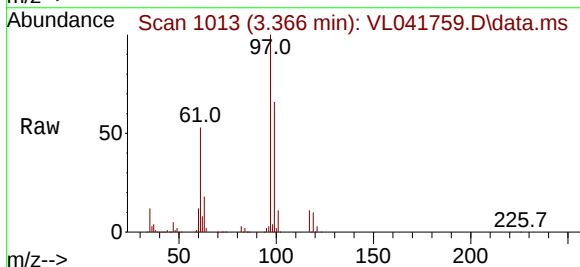
Manual Integrations

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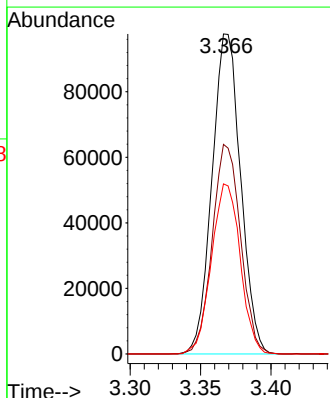
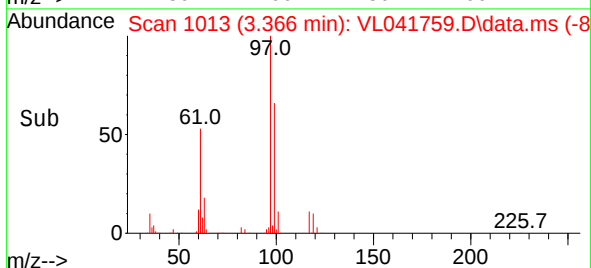
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

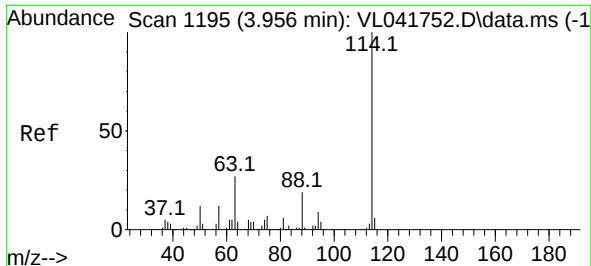


#32
 1,1,1-Trichloroethane
 Concen: 9.979 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. 0.003 min
 Lab File: VL041759.D
 Acq: 16 Dec 2024 18:59



Tgt Ion: 97 Resp: 137978
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.0 76.4
 61 53.5 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

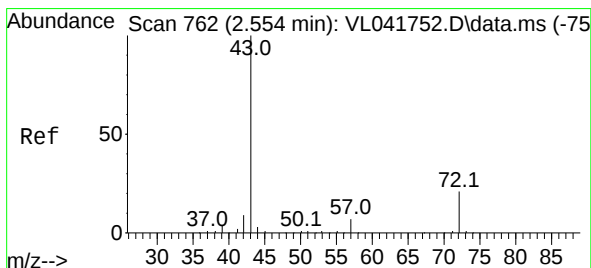
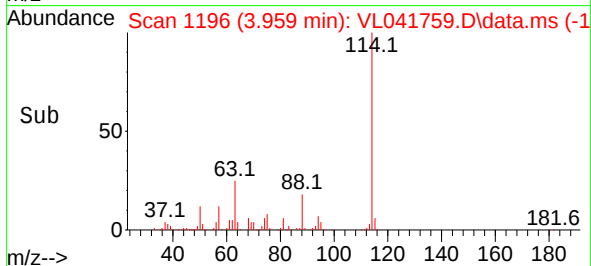
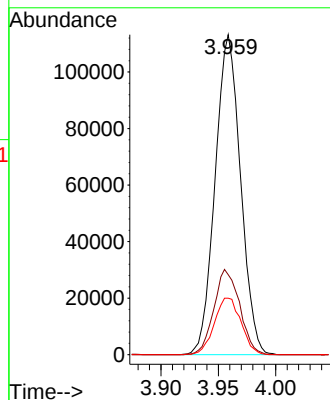
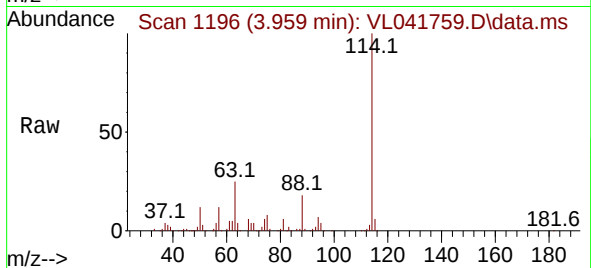
Tgt Ion:114 Resp: 174378

Ion	Ratio	Lower	Upper
114	100		
63	27.0	21.8	32.8
88	18.6	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34

2-Butanone

Concen: 9.547 ppbv

RT: 2.557 min Scan# 763

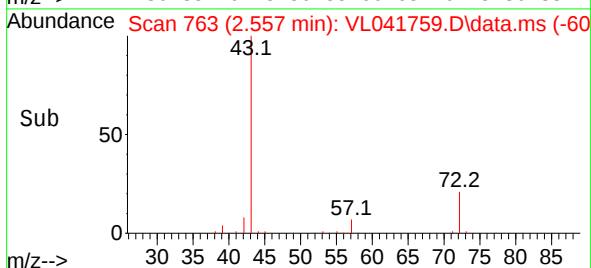
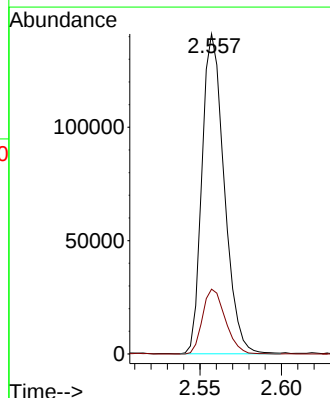
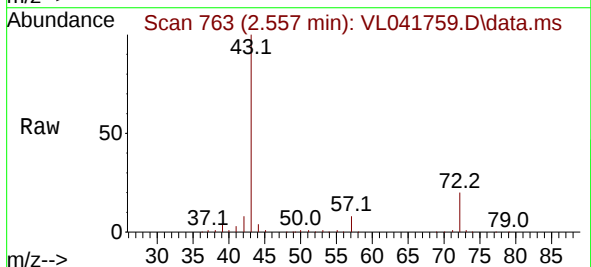
Delta R.T. 0.003 min

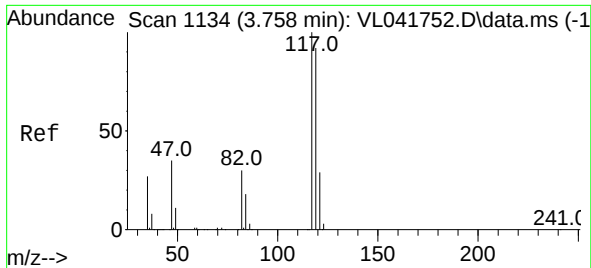
Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Tgt Ion: 43 Resp: 133939

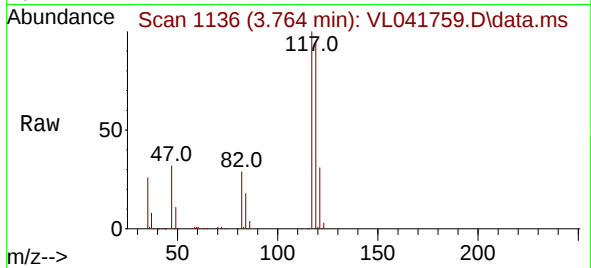
Ion	Ratio	Lower	Upper
43	100		
72	20.7	16.8	25.2





#35
Carbon Tetrachloride
Concen: 11.191 ppbv
RT: 3.764 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

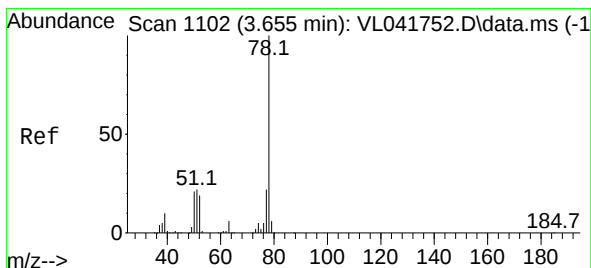
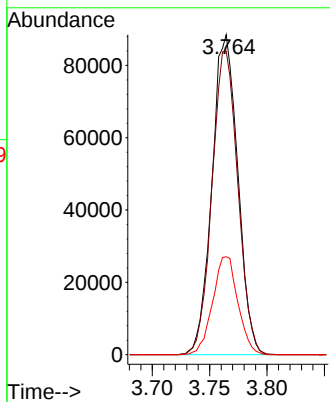
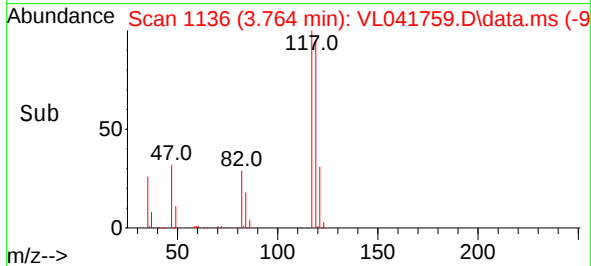
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624



Tgt Ion:117 Resp: 138537
Ion Ratio Lower Upper
117 100
119 94.8 73.7 110.5
121 30.6 23.0 34.4

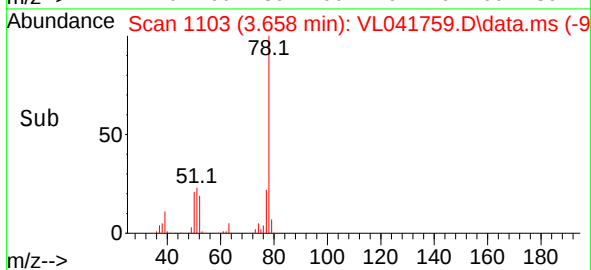
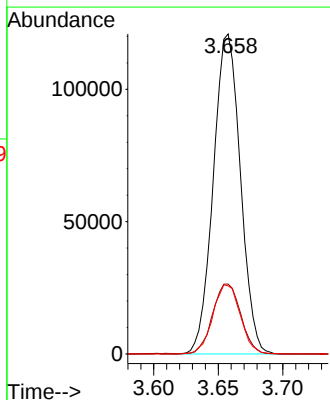
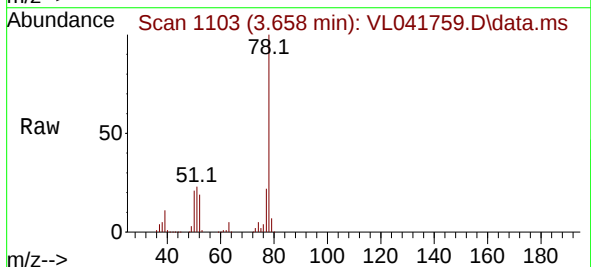
Manual Integrations
APPROVED

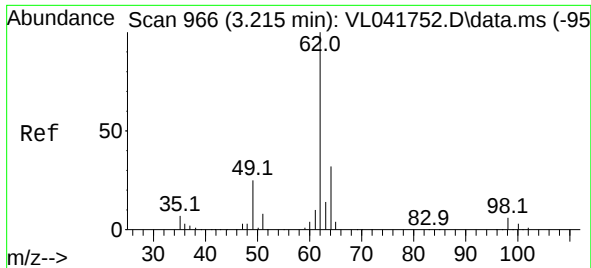
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#36
Benzene
Concen: 9.787 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Tgt Ion: 78 Resp: 176537
Ion Ratio Lower Upper
78 100
77 21.8 17.8 26.6
50 21.3 17.2 25.8





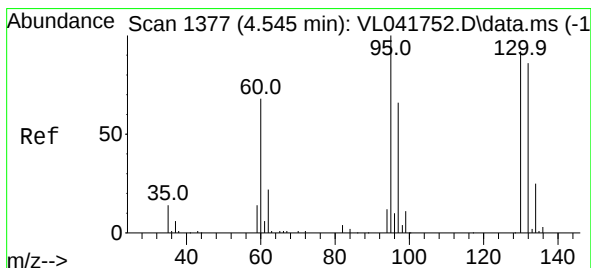
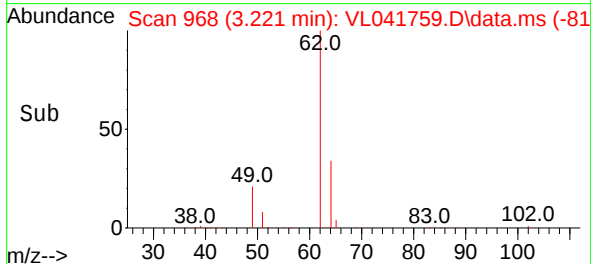
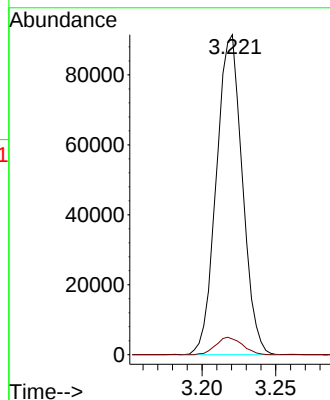
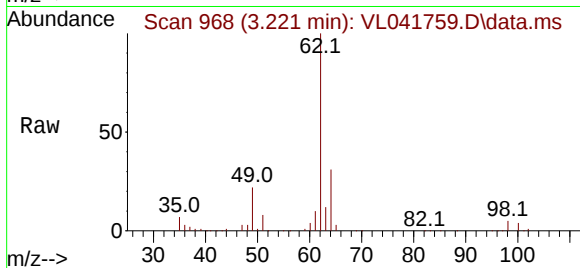
#37
1,2-Dichloroethane
Concen: 9.982 ppbv
RT: 3.221 min Scan# 90
Delta R.T. 0.006 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624

Tgt Ion: 62 Resp: 11203
Ion Ratio Lower Upper
62 100
98 5.5 4.7 7.1

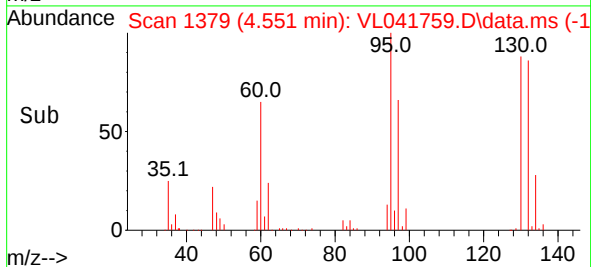
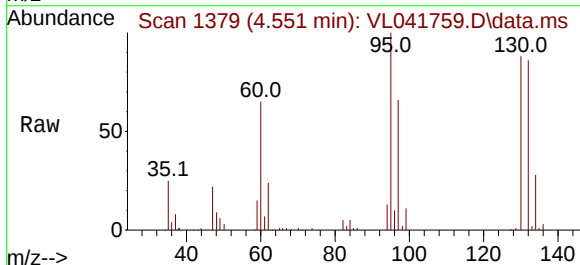
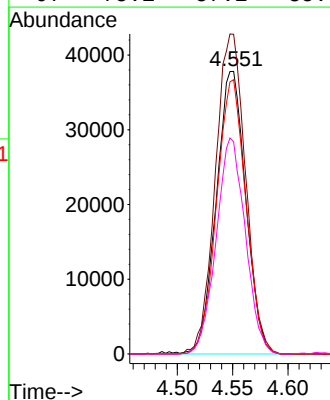
Manual Integrations
APPROVED

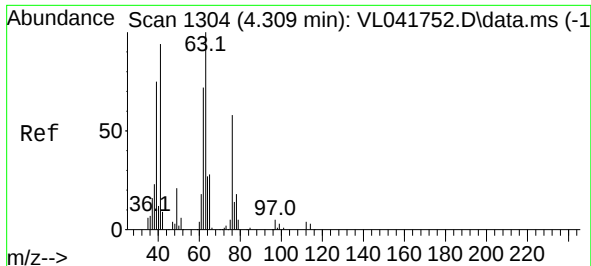
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Trichloroethene
Concen: 9.156 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Tgt Ion:130 Resp: 70108
Ion Ratio Lower Upper
130 100
95 113.2 87.0 130.6
132 97.0 75.0 112.6
97 75.1 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.761 ppbv

RT: 4.318 min Scan# 1307

Delta R.T. 0.009 min

Lab File: VL041759.D

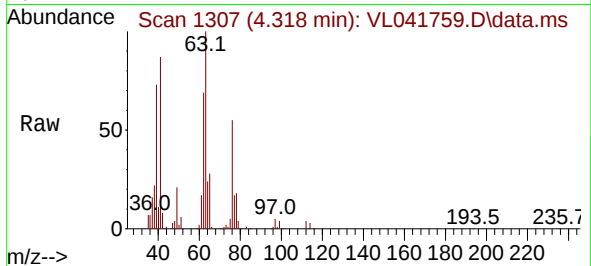
Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

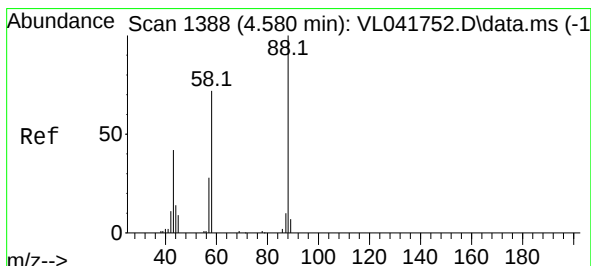
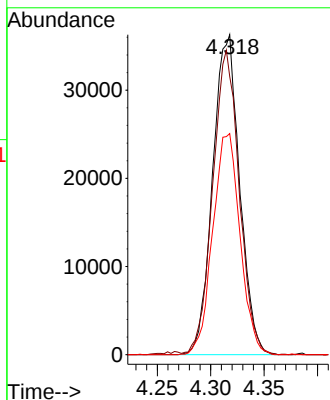
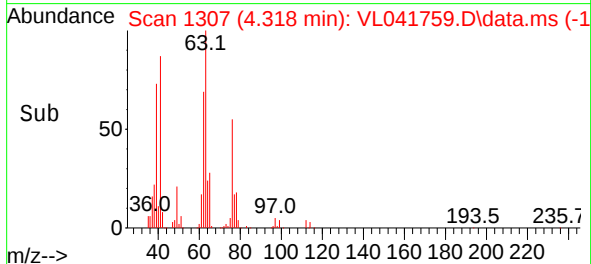


Tgt Ion: 63	Resp: 63679
Ion Ratio	Lower Upper
63	100
41	87.0 75.3 112.9
62	69.1 57.3 85.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40

1,4-Dioxane

Concen: 9.693 ppbv

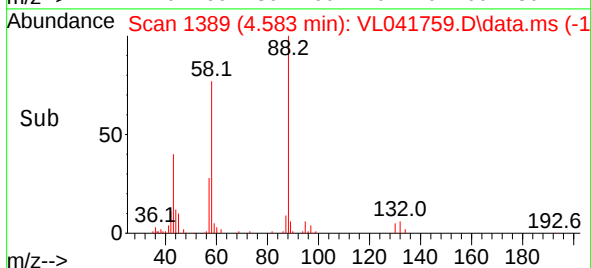
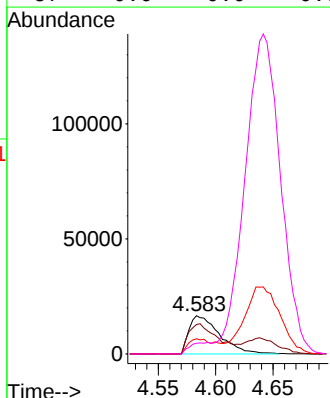
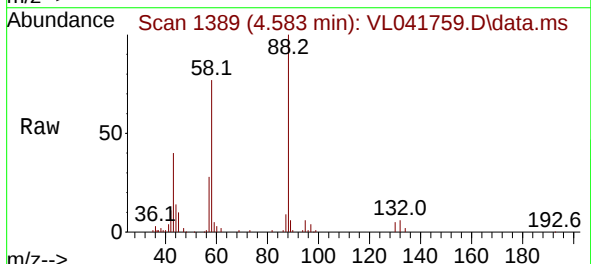
RT: 4.583 min Scan# 1389

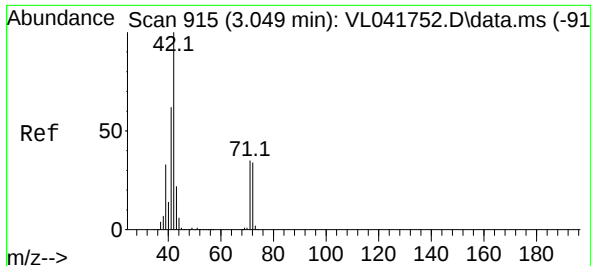
Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

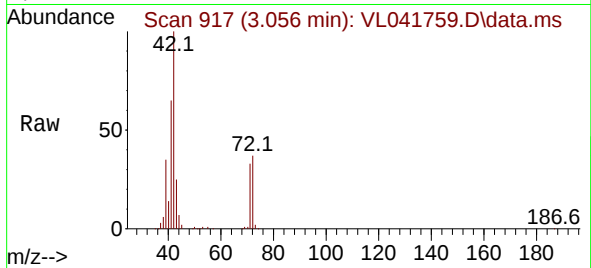
Tgt Ion: 88	Resp: 30891
Ion Ratio	Lower Upper
88	100
58	76.6 61.0 91.6
43	39.2 29.4 44.0
57	0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.857 ppbv
RT: 3.056 min Scan# 915
Delta R.T. 0.006 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

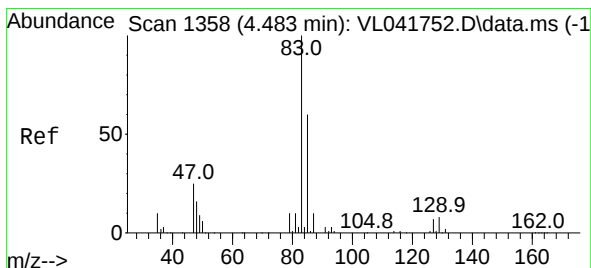
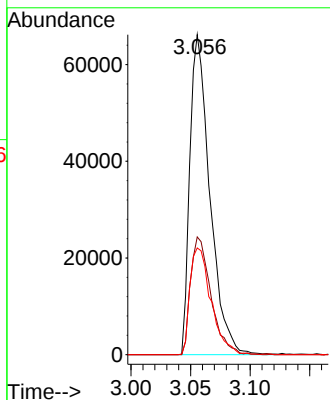
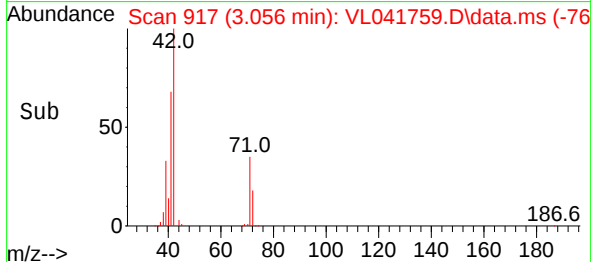
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624



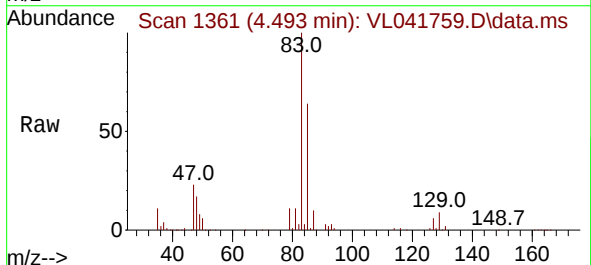
Tgt Ion: 42 Resp: 77472
Ion Ratio Lower Upper
42 100
72 37.5 29.1 43.7
71 35.4 28.4 42.6

Manual Integrations
APPROVED

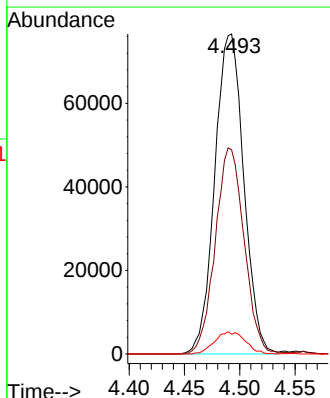
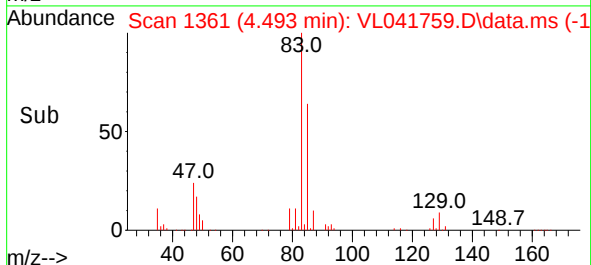
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

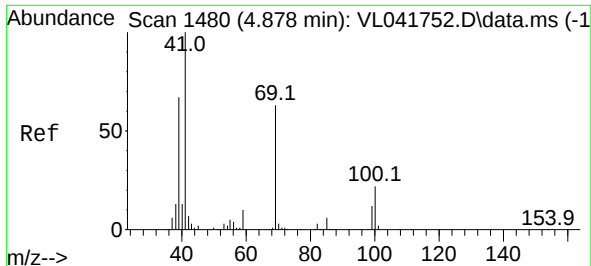


#42
Bromodichloromethane
Concen: 10.821 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.009 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59



Tgt Ion: 83 Resp: 139717
Ion Ratio Lower Upper
83 100
85 63.7 48.0 72.0
127 6.2 5.8 8.8





#43

Methyl Methacrylate

Concen: 10.229 ppbv

RT: 4.881 min Scan# 1480

Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

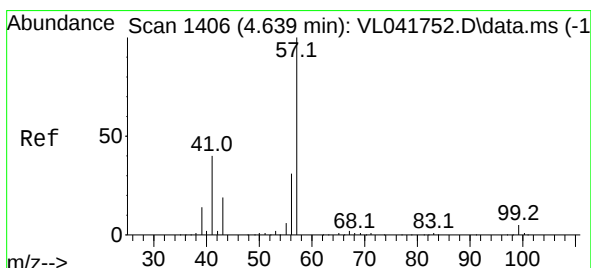
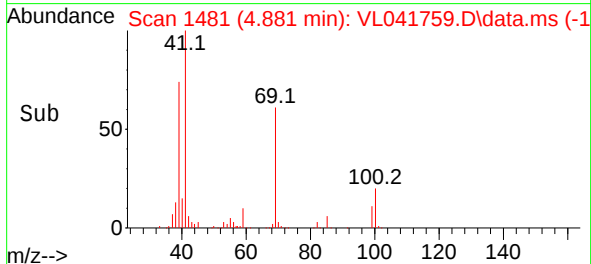
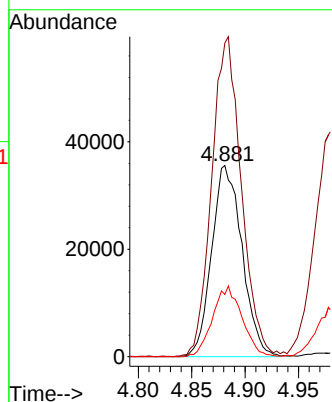
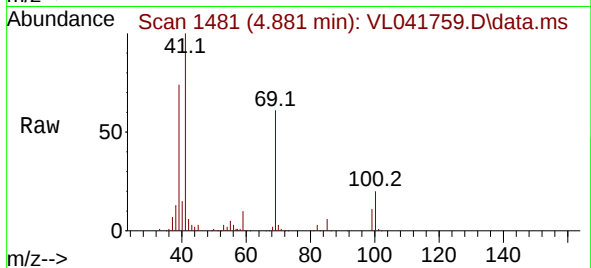
Tgt Ion: 69 Resp: 70299

Ion	Ratio	Lower	Upper
69	100		
41	162.5	130.3	195.5
100	35.8	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44

2,2,4-Trimethylpentane

Concen: 9.796 ppbv

RT: 4.641 min Scan# 1407

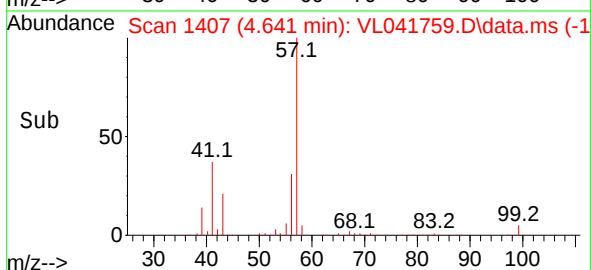
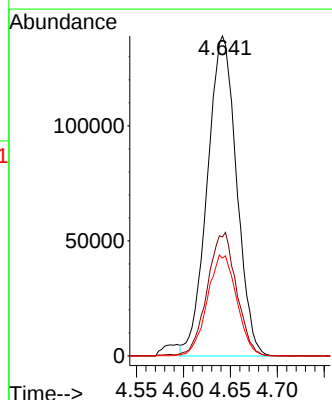
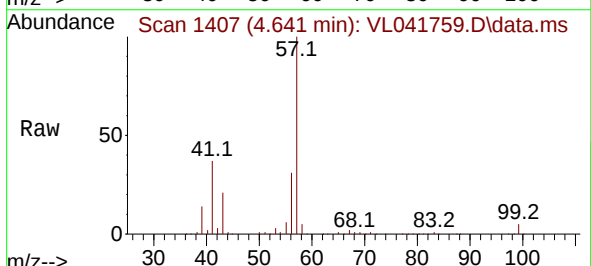
Delta R.T. 0.003 min

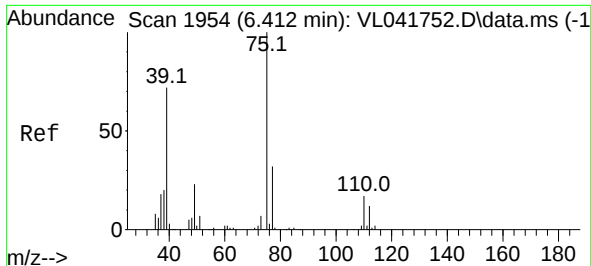
Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Tgt Ion: 57 Resp: 301772

Ion	Ratio	Lower	Upper
57	100		
41	38.8	30.7	46.1
56	31.7	25.4	38.0





#45

t-1,3-Dichloropropene

Concen: 10.907 ppbv

RT: 6.415 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

Tgt Ion: 75 Resp: 77534

Ion Ratio Lower Upper

75 100

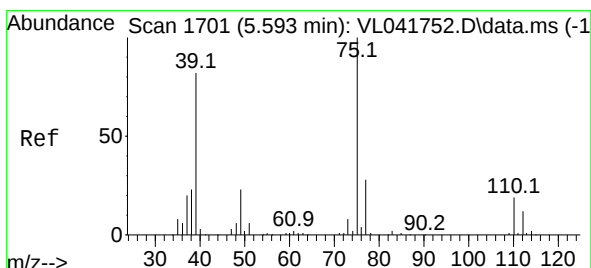
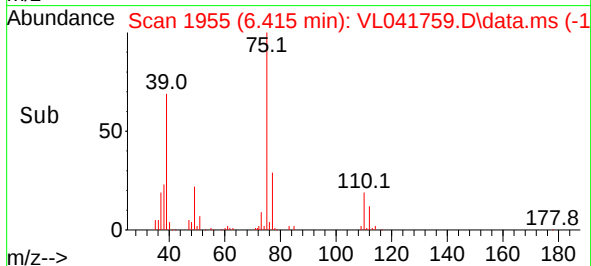
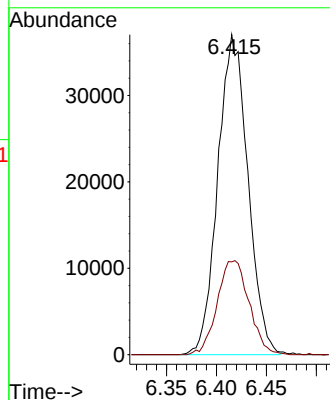
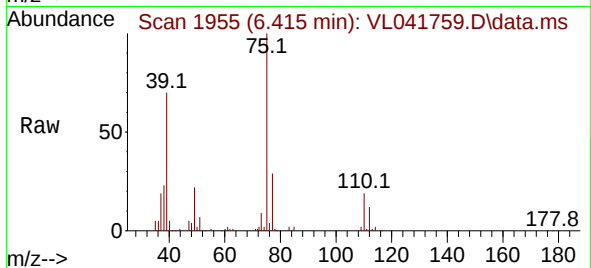
77 29.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#46

cis-1,3-Dichloropropene

Concen: 10.617 ppbv

RT: 5.603 min Scan# 1704

Delta R.T. 0.009 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

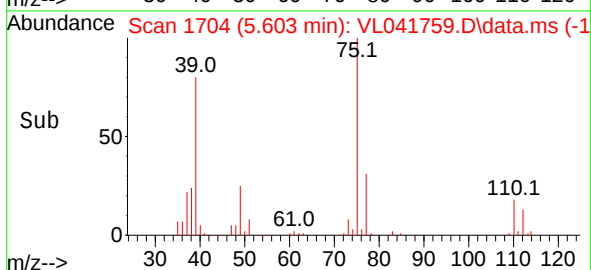
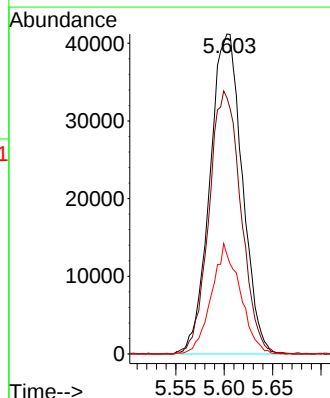
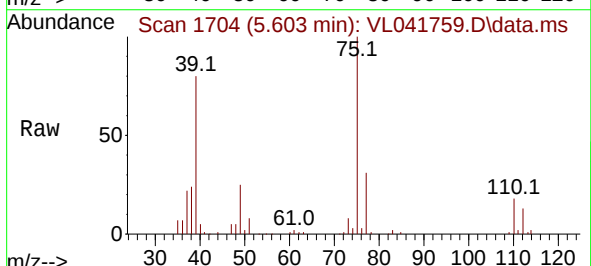
Tgt Ion: 75 Resp: 95812

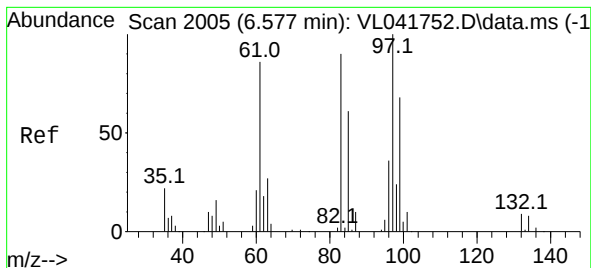
Ion Ratio Lower Upper

75 100

39 79.5 65.2 97.8

77 30.9 22.0 33.0





#47

1,1,2-Trichloroethane

Concen: 9.711 ppbv m

RT: 6.587 min Scan# 2005

Delta R.T. 0.009 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

Tgt Ion: 97 Resp: 66169

Ion Ratio Lower Upper

97 100

83 83.7 72.3 108.5

85 54.8 48.5 72.7

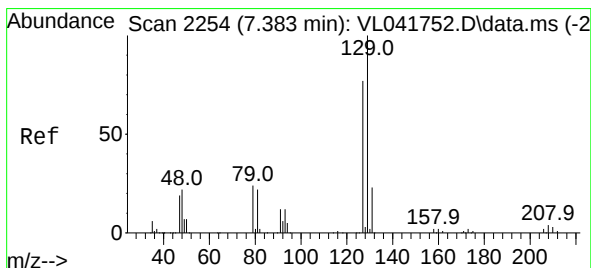
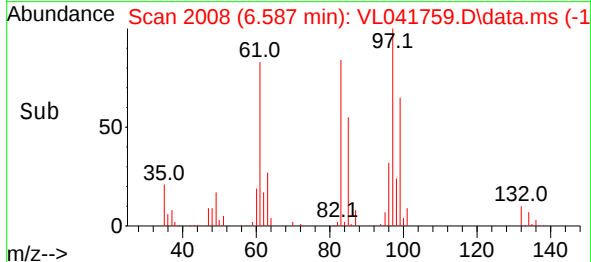
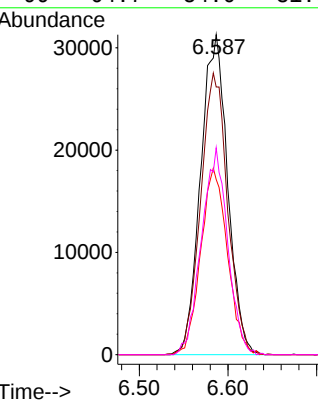
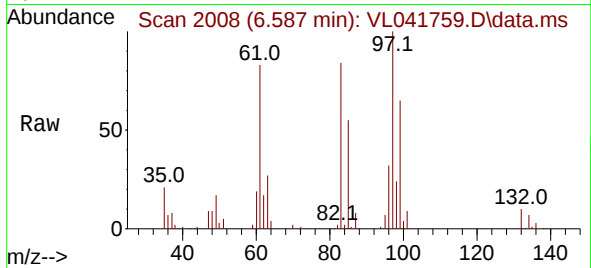
99 64.7 54.0 81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#48

Dibromochloromethane

Concen: 11.326 ppbv

RT: 7.389 min Scan# 2256

Delta R.T. 0.006 min

Lab File: VL041759.D

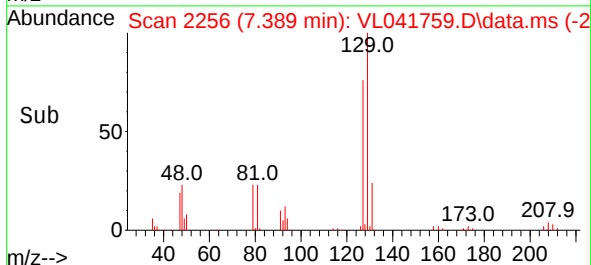
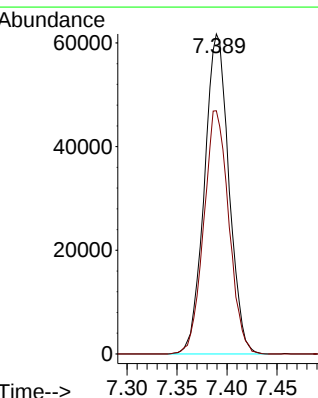
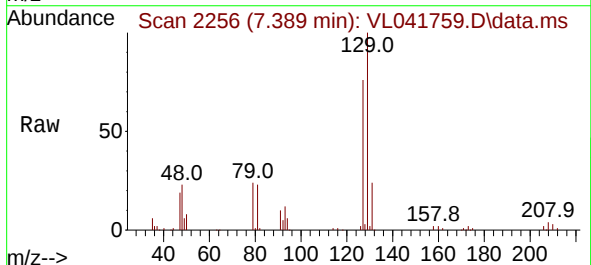
Acq: 16 Dec 2024 18:59

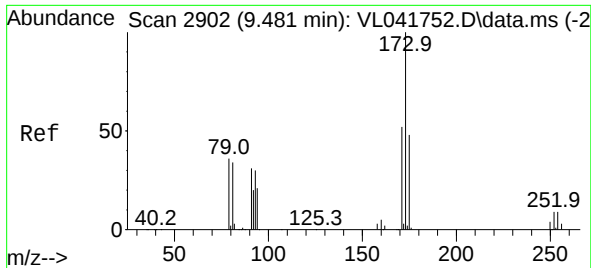
Tgt Ion:129 Resp: 105378

Ion Ratio Lower Upper

129 100

127 77.8 38.8 116.3





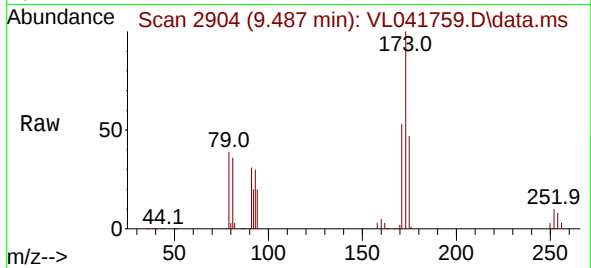
#49
Bromoform
Concen: 11.682 ppbv
RT: 9.487 min Scan# 2902
Delta R.T. 0.006 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

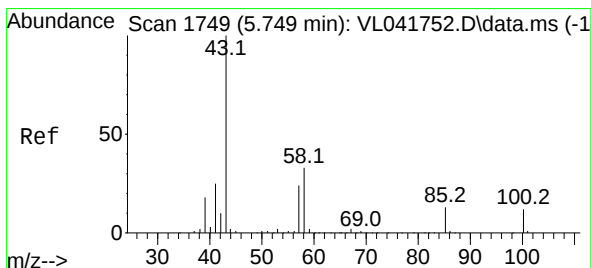
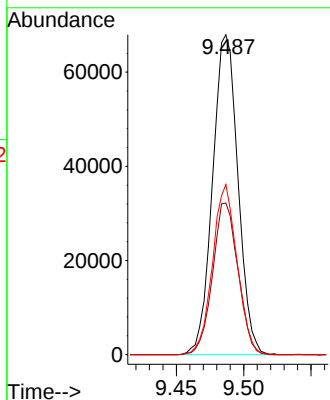
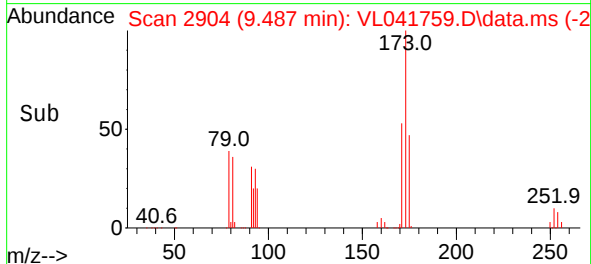


Tgt Ion:173 Resp: 8897
Ion Ratio Lower Upper
173 100
175 47.6 38.2 57.2
171 51.4 41.1 61.7

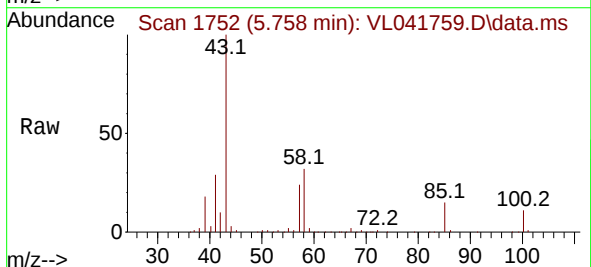
Manual Integrations

APPROVED

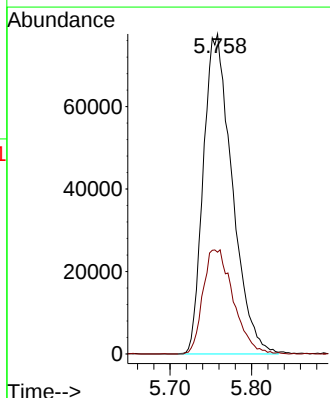
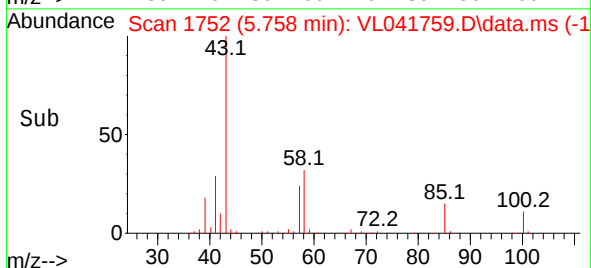
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

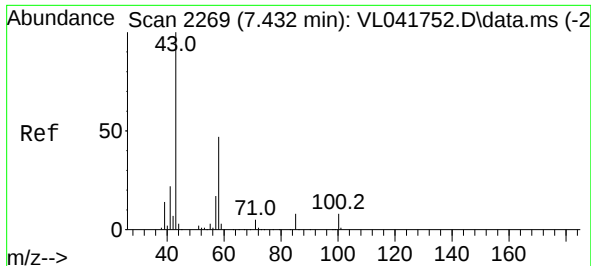


#50
4-Methyl-2-Pentanone
Concen: 9.980 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. 0.009 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59



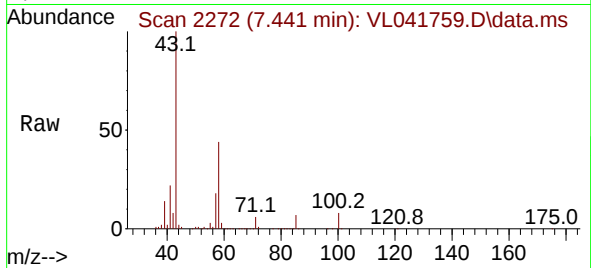
Tgt Ion: 43 Resp: 190637
Ion Ratio Lower Upper
43 100
58 34.3 26.8 40.2





#51
2-Hexanone
Concen: 10.053 ppbv
RT: 7.441 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

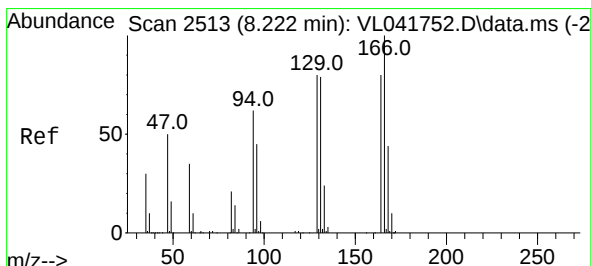
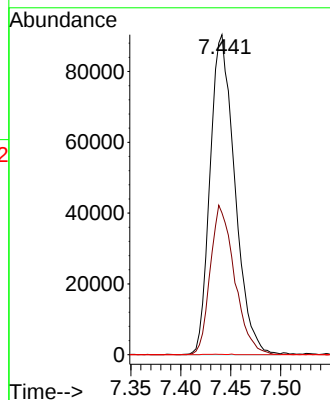
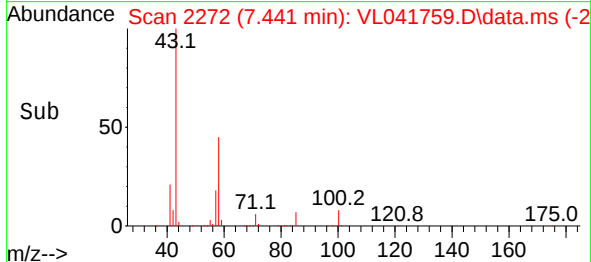
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624



Tgt Ion: 43 Resp: 155640
Ion Ratio Lower Upper
43 100
58 46.0 36.6 55.0
98 0.1 0.1 0.1

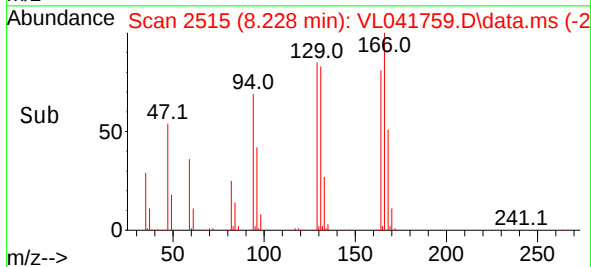
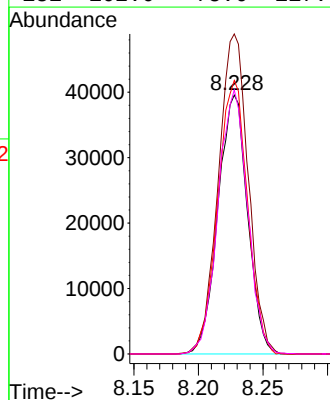
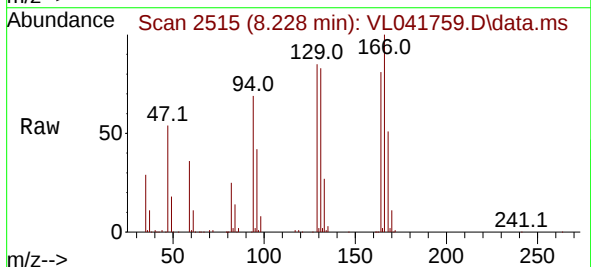
Manual Integrations
APPROVED

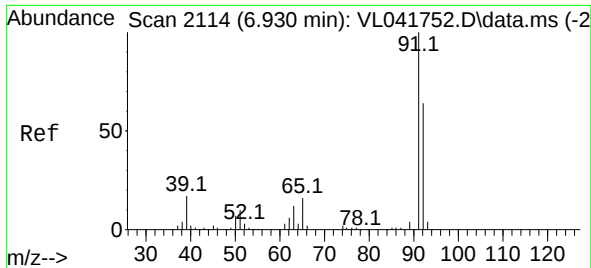
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Tetrachloroethene
Concen: 9.351 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.006 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Tgt Ion:164 Resp: 62782
Ion Ratio Lower Upper
164 100
166 123.4 99.8 149.6
129 105.6 79.6 119.4
131 102.0 78.6 117.8





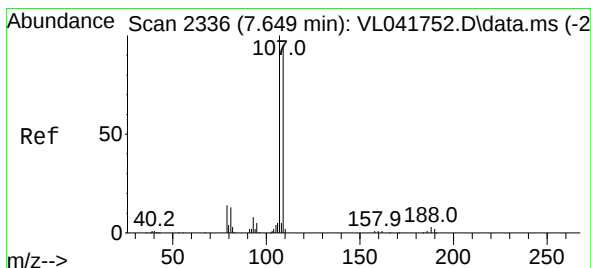
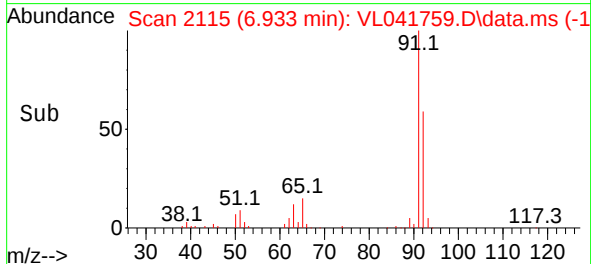
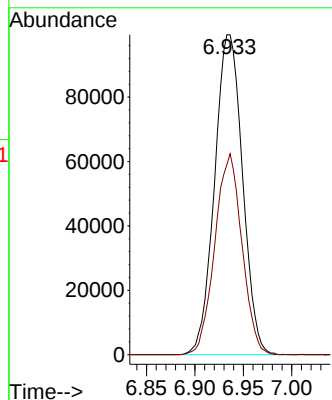
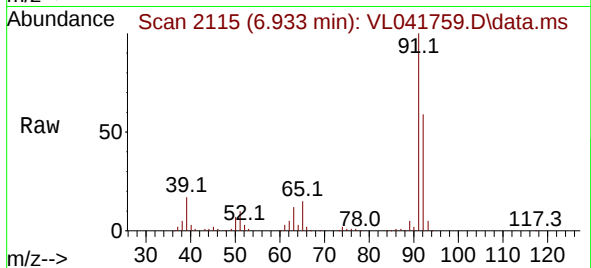
#53
Toluene
Concen: 9.768 ppbv
RT: 6.933 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624

Tgt Ion: 91 Resp: 199754
Ion Ratio Lower Upper
91 100
92 60.8 47.9 71.9

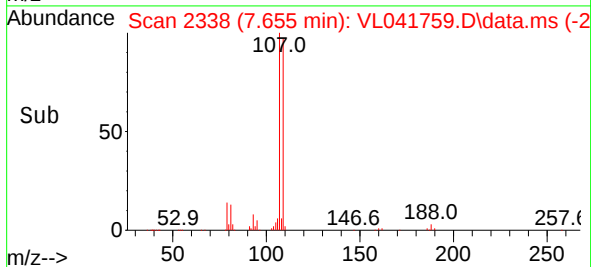
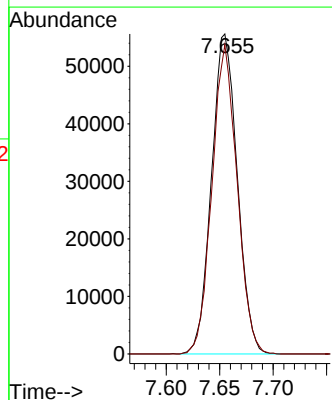
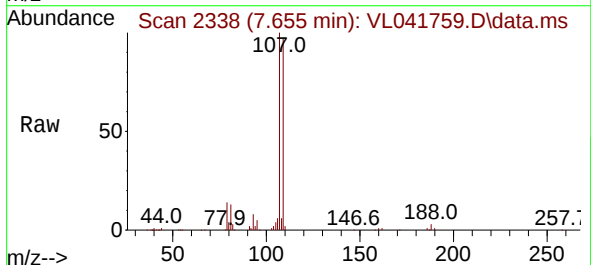
Manual Integrations
APPROVED

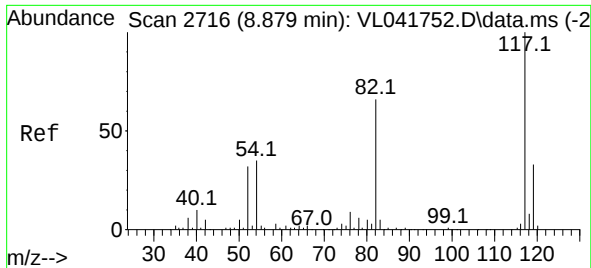
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#54
1,2-Dibromoethane
Concen: 9.952 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Tgt Ion:107 Resp: 93439
Ion Ratio Lower Upper
107 100
109 96.6 75.9 113.9





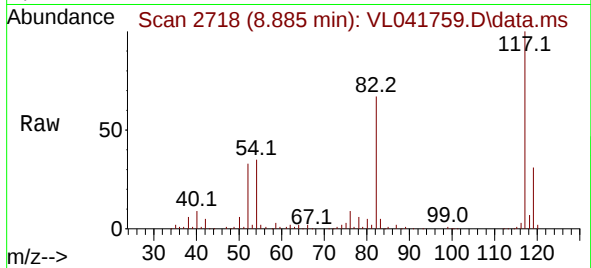
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2716
Delta R.T. 0.006 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

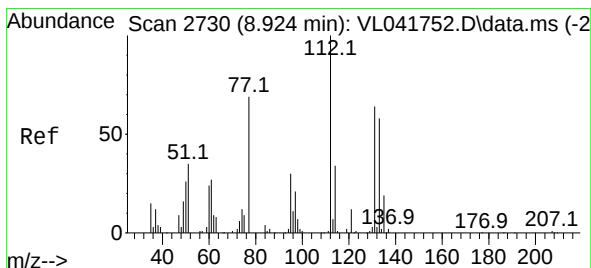
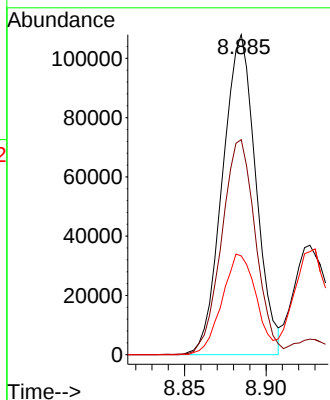
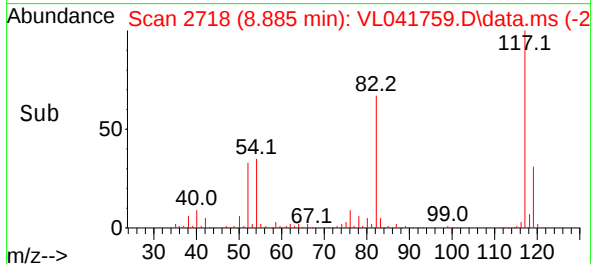


Tgt Ion:117 Resp: 15344
Ion Ratio Lower Upper
117 100
82 73.4 53.8 80.8
119 32.8 26.7 40.1

Manual Integrations

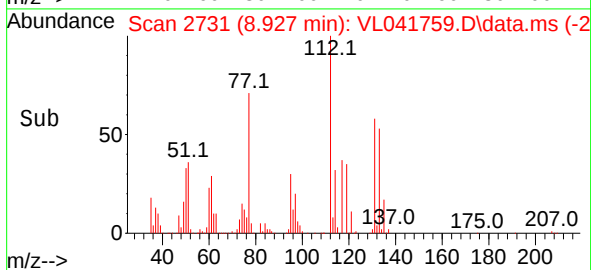
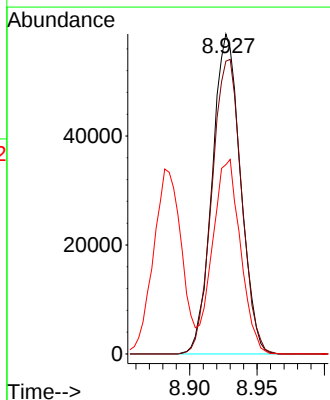
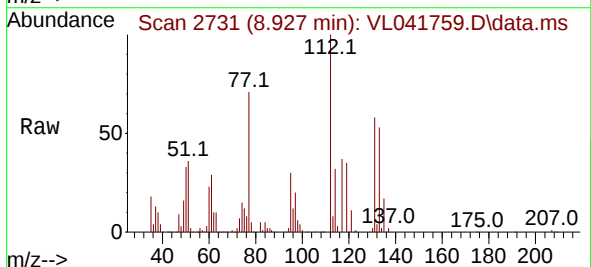
APPROVED

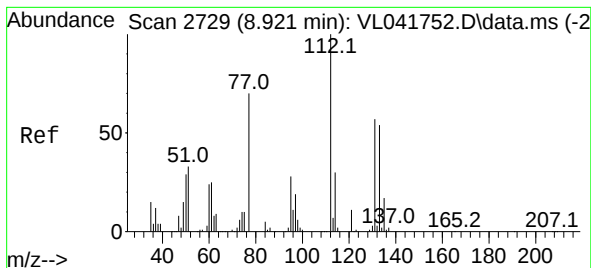
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 10.558 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Tgt Ion:131 Resp: 85883
Ion Ratio Lower Upper
131 100
133 95.7 76.8 115.2
119 60.2 49.0 73.6





#57

Chlorobenzene

Concen: 9.888 ppbv

RT: 8.924 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

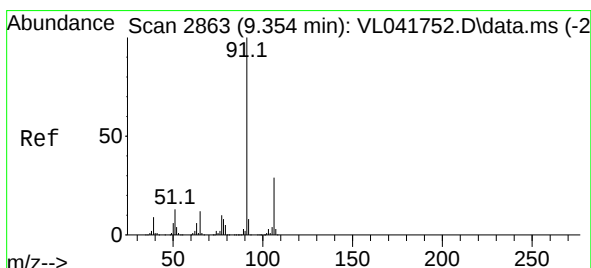
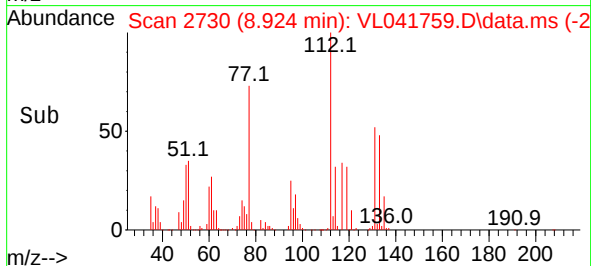
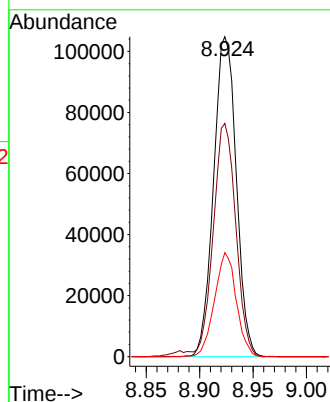
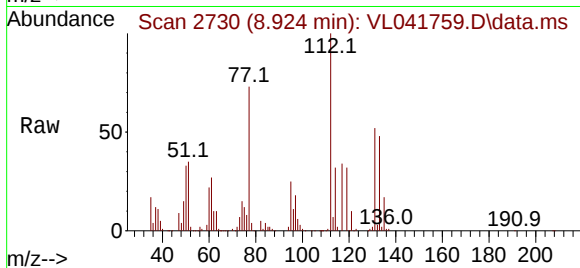
ICVVL121624

Tgt Ion:	112	Resp:	15525
Ion Ratio	Lower	Upper	
112	100		
77	72.9	57.4	86.0
114	32.5	27.4	33.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58

Ethyl Benzene

Concen: 10.308 ppbv

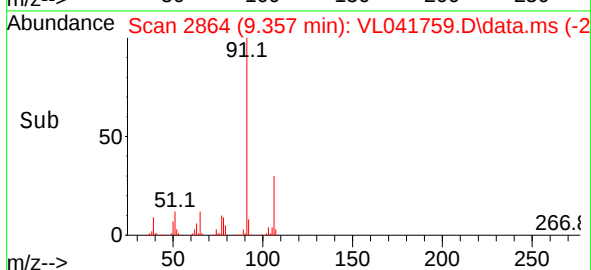
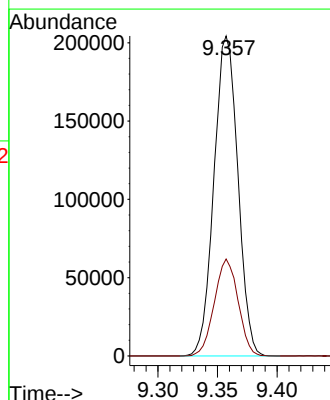
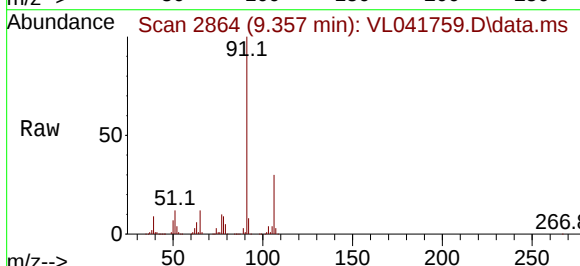
RT: 9.357 min Scan# 2864

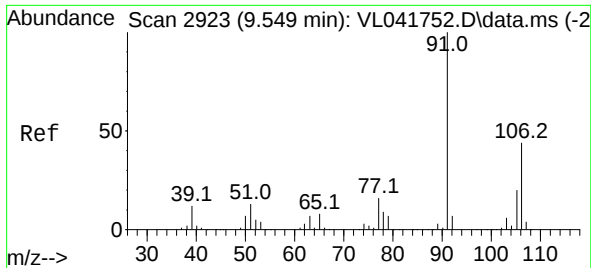
Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Tgt Ion:	91	Resp:	284770
Ion Ratio	Lower	Upper	
91	100		
106	30.3	23.5	35.3





#59

m/p-Xylene

Concen: 20.669 ppbv m

RT: 9.555 min Scan# 2923

Delta R.T. 0.006 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

Tgt Ion: 91 Resp: 45910

Ion Ratio Lower Upper

91 100

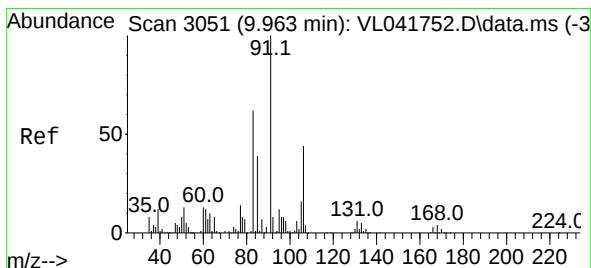
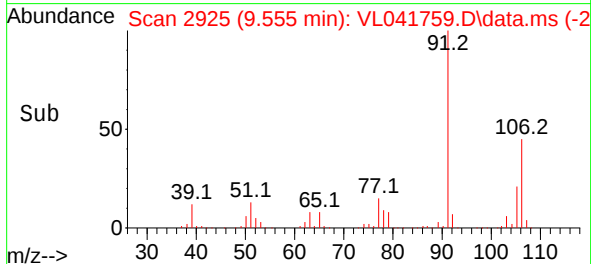
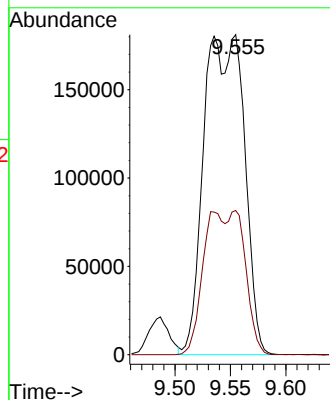
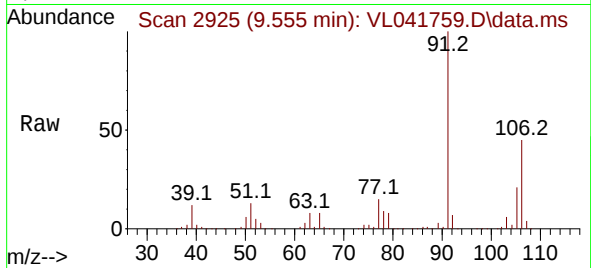
106 45.5 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#60

o-Xylene

Concen: 10.304 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VL041759.D

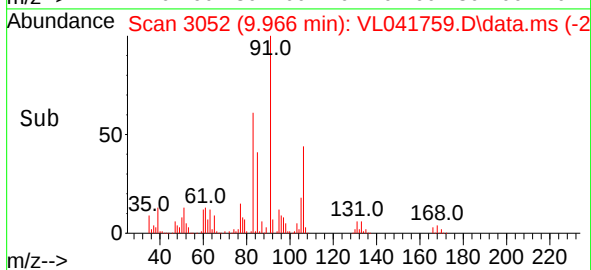
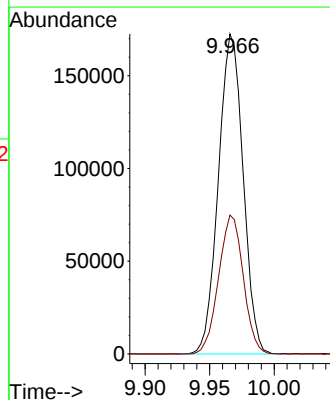
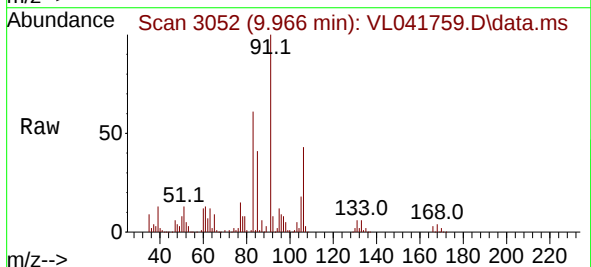
Acq: 16 Dec 2024 18:59

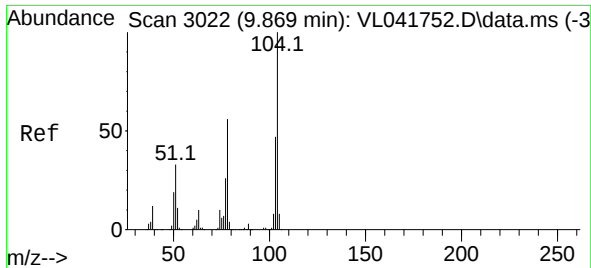
Tgt Ion: 91 Resp: 229517

Ion Ratio Lower Upper

91 100

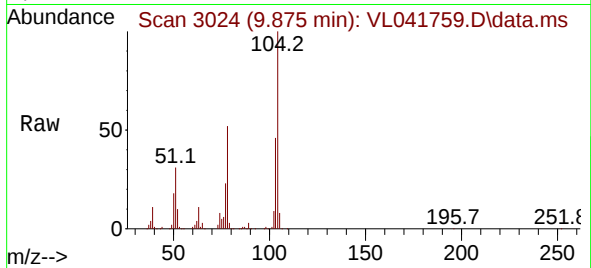
106 43.3 21.1 63.4





#61
Styrene
Concen: 11.093 ppbv
RT: 9.875 min Scan# 3022
Delta R.T. 0.006 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

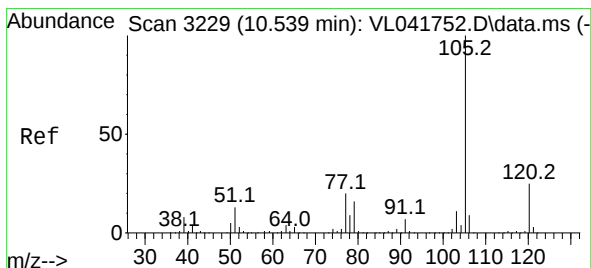
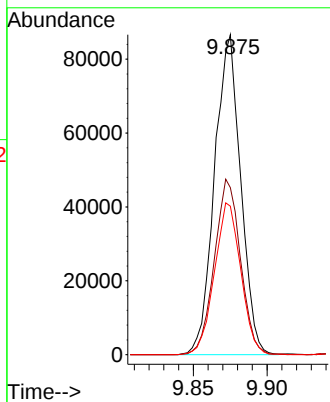
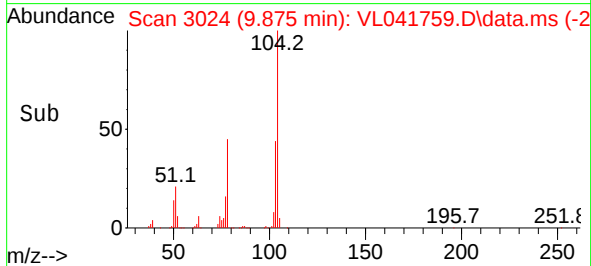
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624



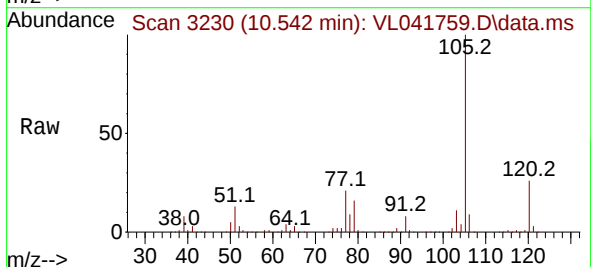
Tgt Ion:104 Resp: 10684
Ion Ratio Lower Upper
104 100
78 54.8 43.8 65.6
103 47.9 37.8 56.6

Manual Integrations
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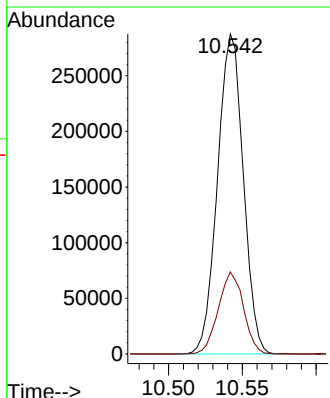
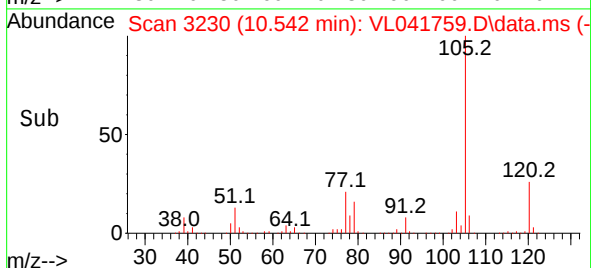
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

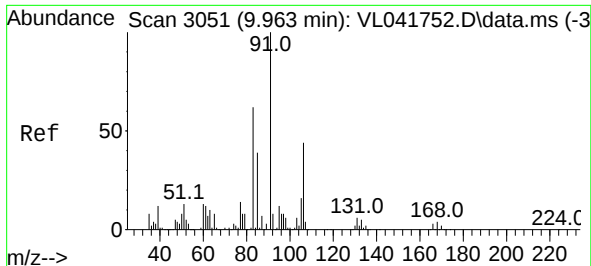


#62
Isopropylbenzene
Concen: 10.425 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59



Tgt Ion:105 Resp: 348887
Ion Ratio Lower Upper
105 100
120 25.0 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 9.865 ppbv

RT: 9.966 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

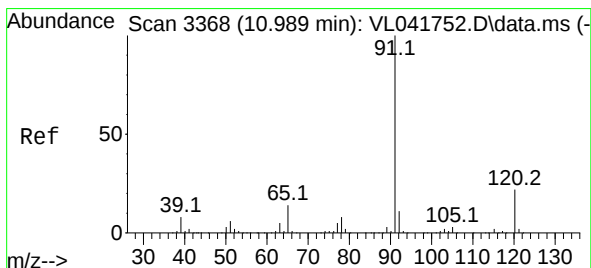
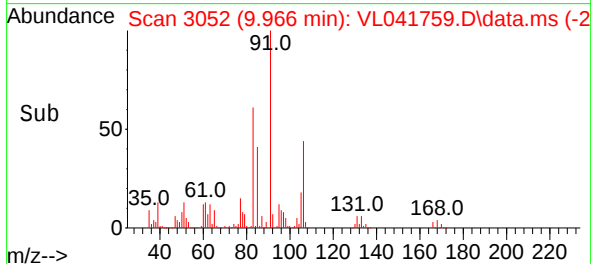
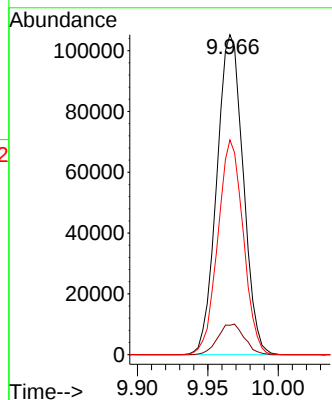
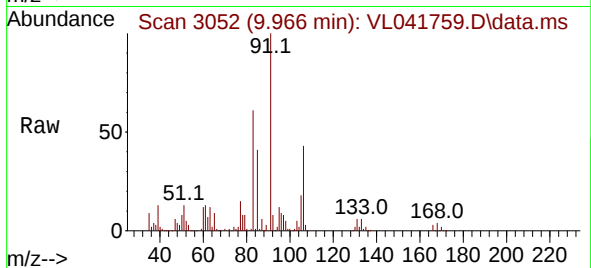
ICVVL121624

Tgt Ion: 83 Resp: 13754
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.9 14.7
 85 64.6 32.0 96.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#64

n-propylbenzene

Concen: 10.384 ppbv

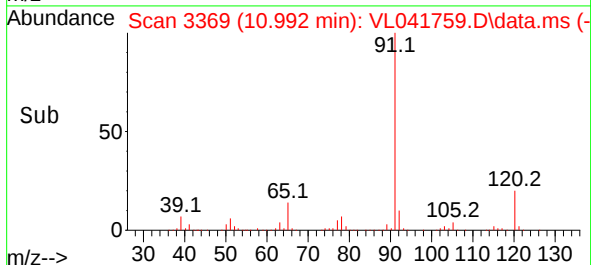
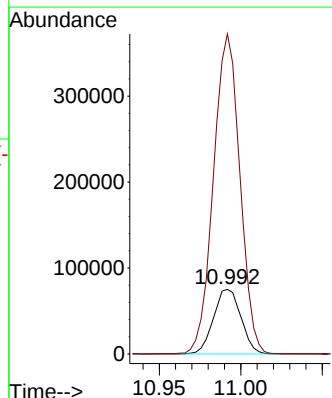
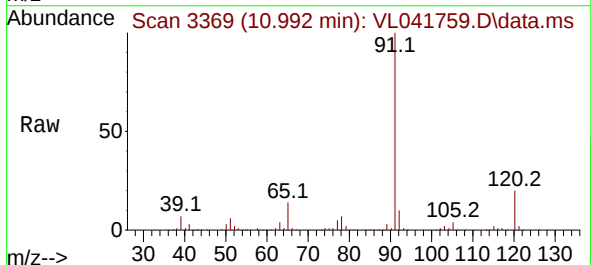
RT: 10.992 min Scan# 3369

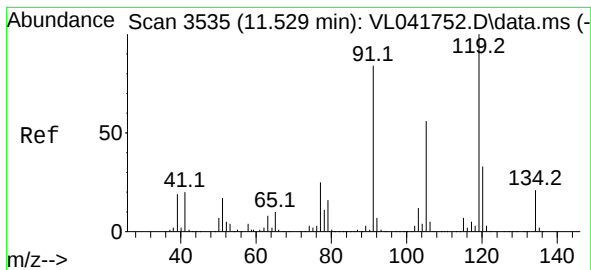
Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

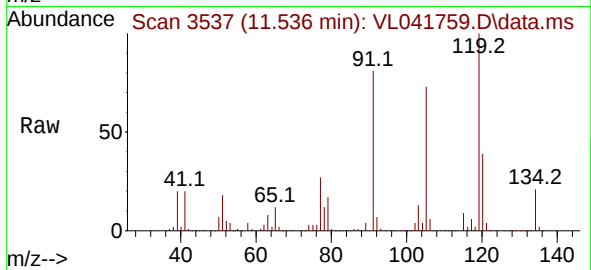
Tgt Ion:120 Resp: 87865
 Ion Ratio Lower Upper
 120 100
 91 479.0 387.3 580.9





#65
tert-Butylbenzene
Concen: 10.194 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.006 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

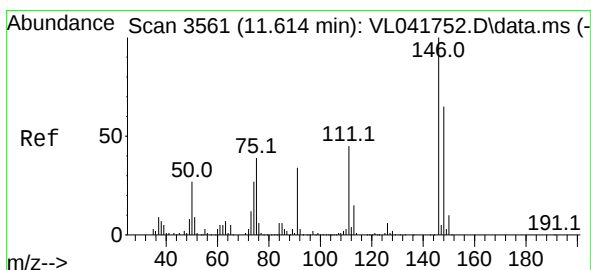
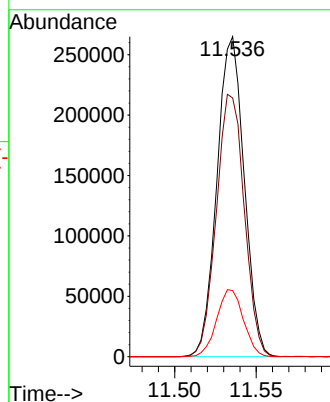
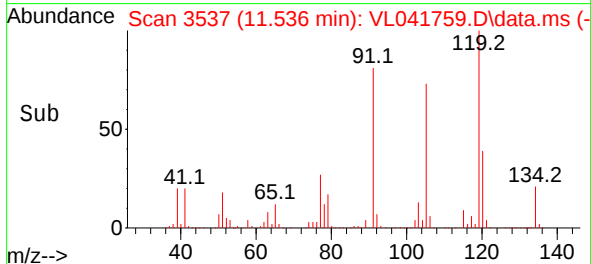
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624



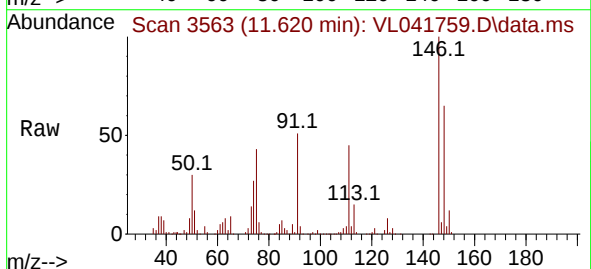
Tgt Ion:119 Resp: 307790
Ion Ratio Lower Upper
119 100
91 84.2 67.0 100.4
134 20.5 16.5 24.7

Manual Integrations
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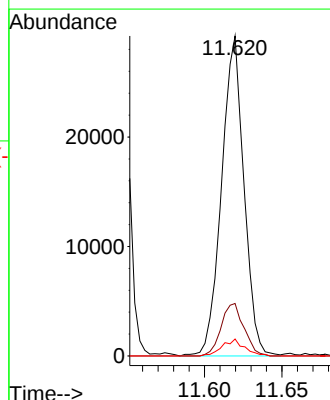
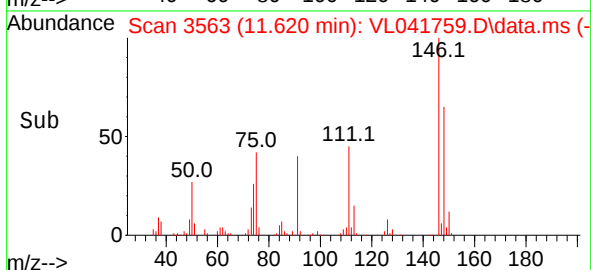
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

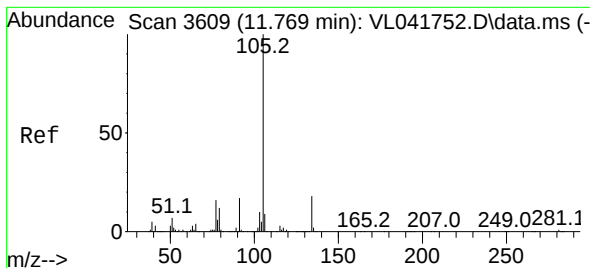


#66
Benzyl Chloride
Concen: 11.054 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.006 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59



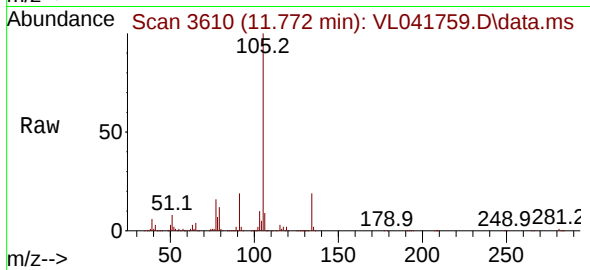
Tgt Ion: 91 Resp: 29398
Ion Ratio Lower Upper
91 100
126 16.7 13.9 20.9
128 5.2 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.304 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL041759.D
 Acq: 16 Dec 2024 18:59

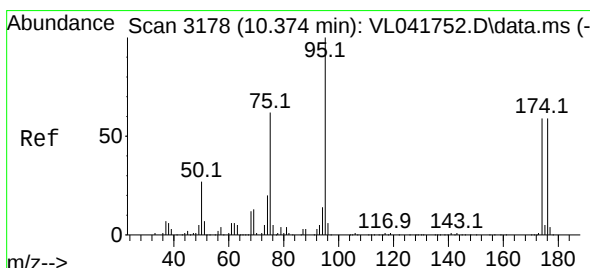
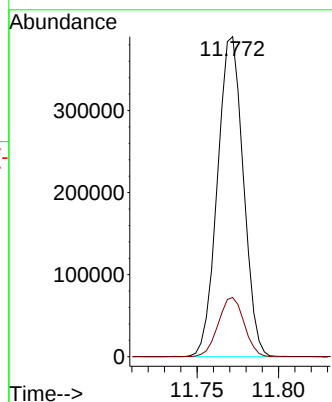
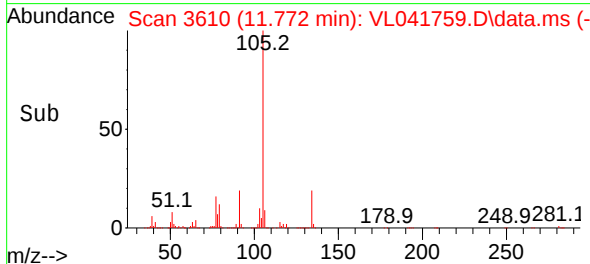
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL121624



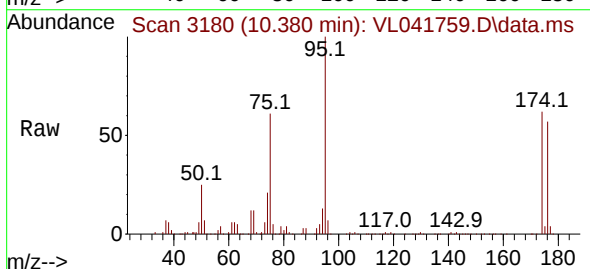
Tgt Ion:105 Resp: 43052
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.5 21.7

Manual Integrations
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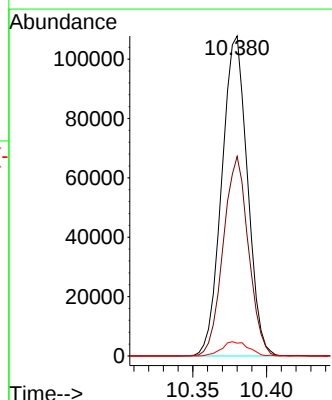
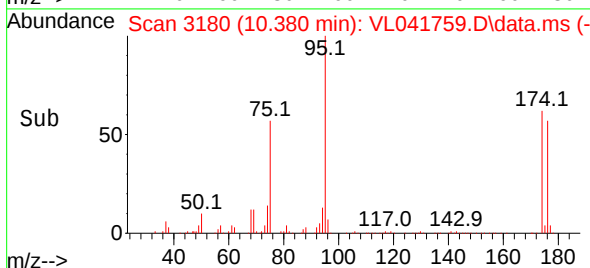
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

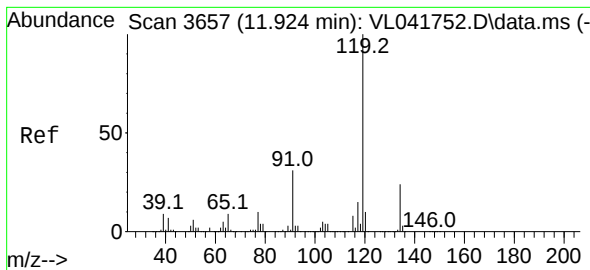


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.166 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.006 min
 Lab File: VL041759.D
 Acq: 16 Dec 2024 18:59



Tgt Ion: 95 Resp: 129985
 Ion Ratio Lower Upper
 95 100
 174 61.3 47.6 71.4
 175 4.7 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.620 ppbv

RT: 11.927 min Scan# 3656

Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

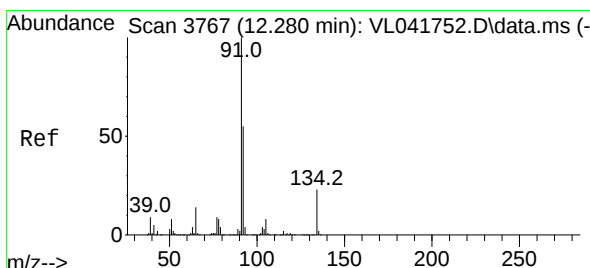
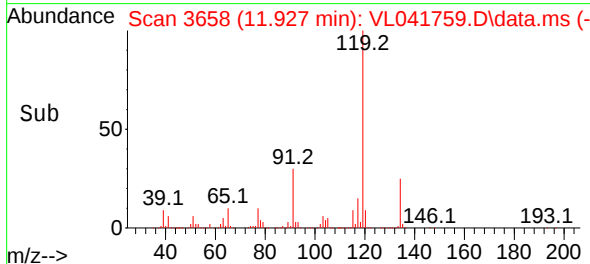
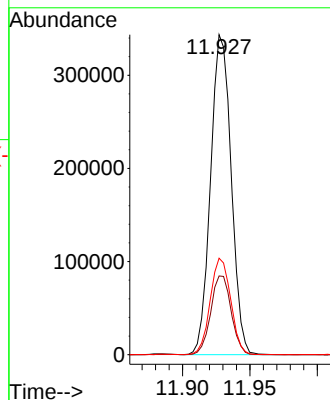
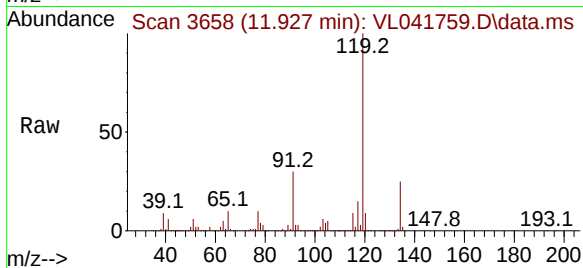
Tgt Ion: 119 Resp: 36566

Ion	Ratio	Lower	Upper
119	100		
134	24.5	19.6	29.4
91	30.1	24.4	36.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#70

n-Butylbenzene

Concen: 10.727 ppbv

RT: 12.283 min Scan# 3768

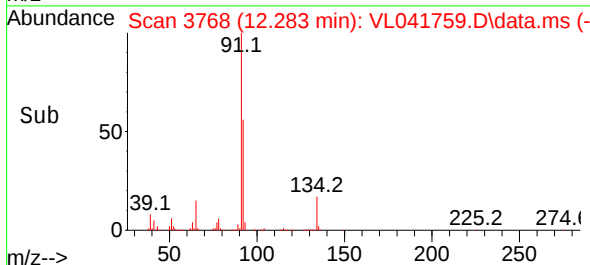
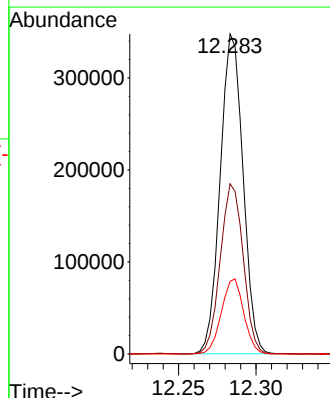
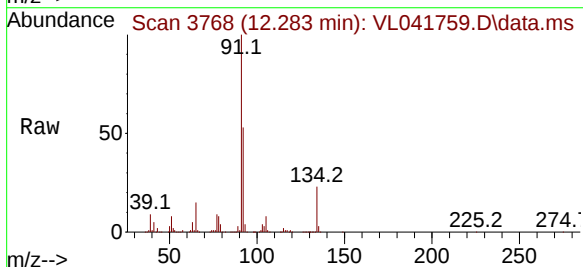
Delta R.T. 0.003 min

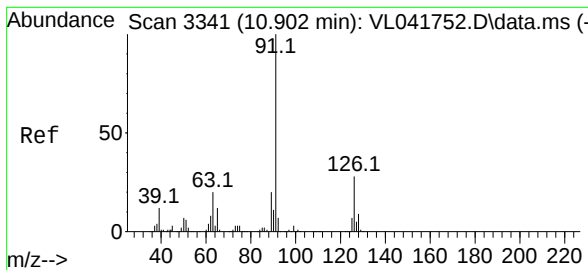
Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Tgt Ion: 91 Resp: 356880

Ion	Ratio	Lower	Upper
91	100		
92	53.6	43.2	64.8
134	23.0	18.2	27.4





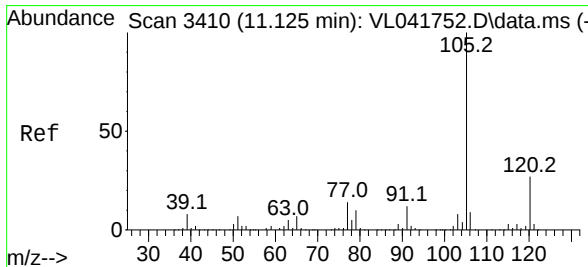
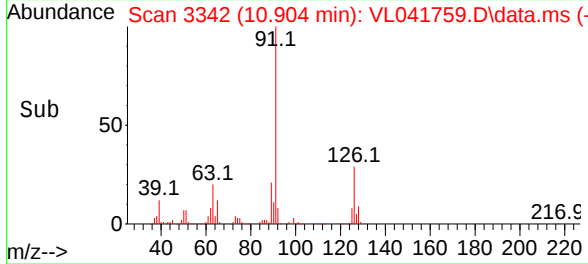
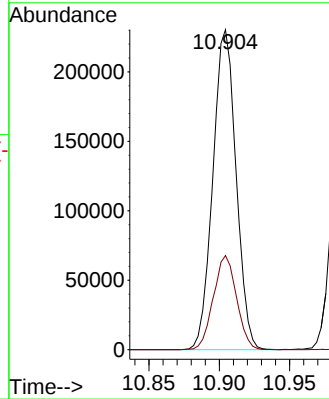
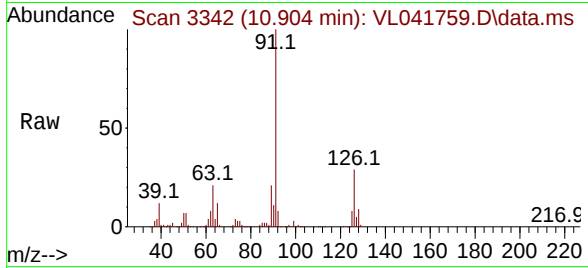
#71
2-Chlorotoluene
Concen: 10.340 ppbv
RT: 10.904 min Scan# 3412
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624

Tgt Ion: 91 Resp: 26412
Ion Ratio Lower Upper
91 100
126 29.4 11.6 46.4

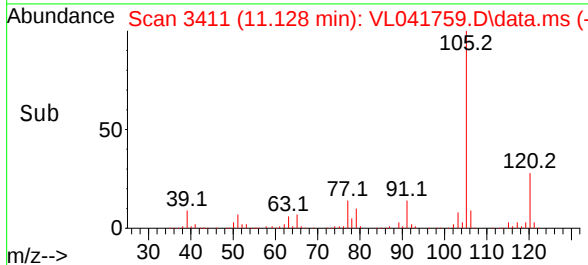
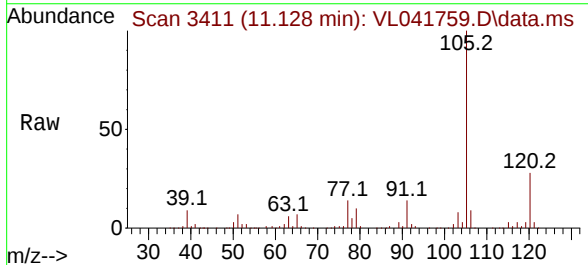
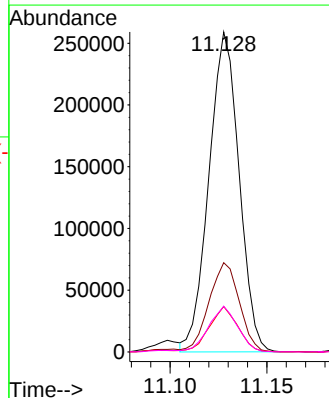
Manual Integrations
APPROVED

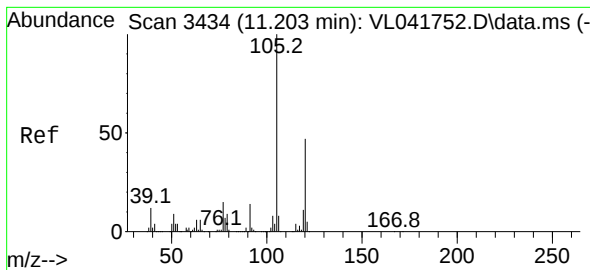
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#72
4-Ethyltoluene
Concen: 10.672 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Tgt Ion:105 Resp: 280580
Ion Ratio Lower Upper
105 100
120 29.0 23.3 34.9
91 14.1 10.9 16.3
77 14.3 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.902 ppbv

RT: 11.205 min Scan# 3434

Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624

Tgt Ion:105 Resp: 237804

Ion Ratio Lower Upper

105 100

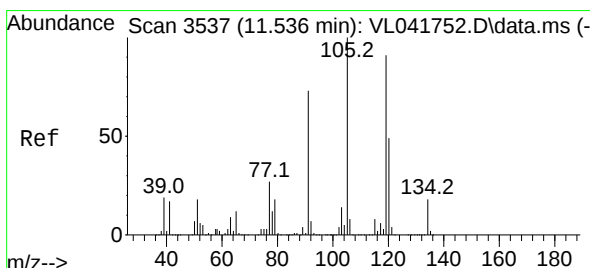
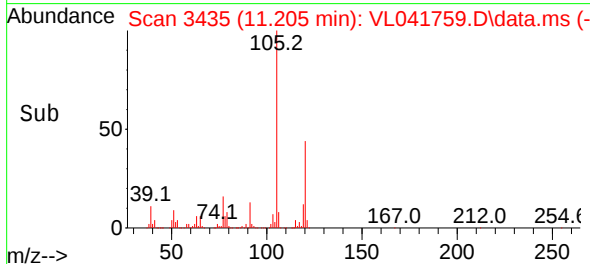
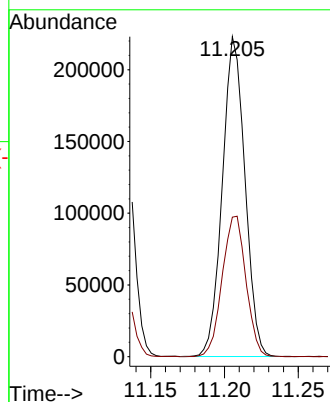
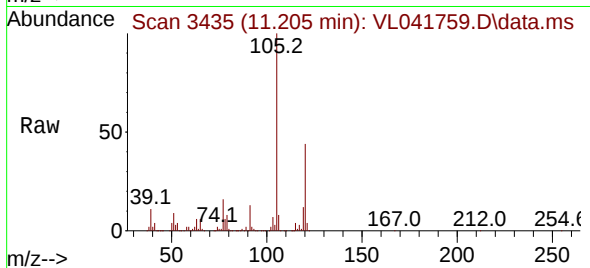
120 43.6 37.4 56.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.919 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.006 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Tgt Ion:105 Resp: 256141

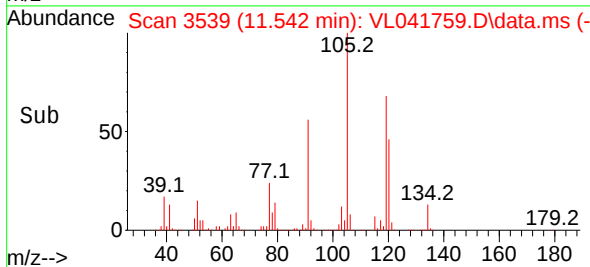
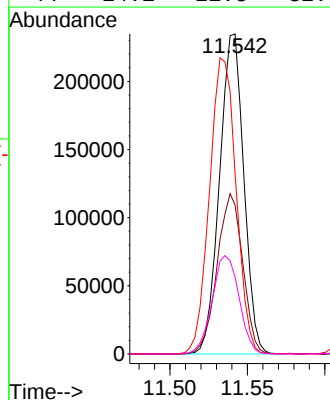
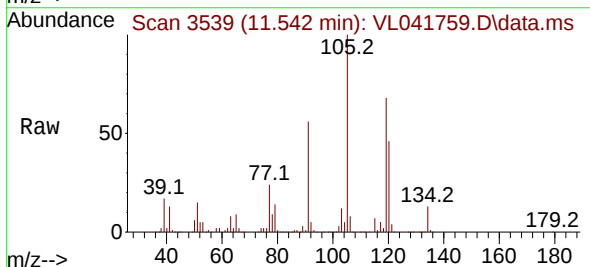
Ion Ratio Lower Upper

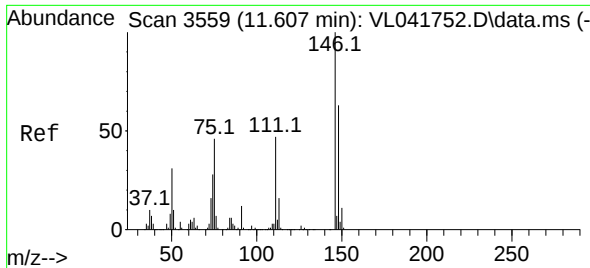
105 100

120 46.5 39.0 58.4

91 56.2 58.1 87.1#

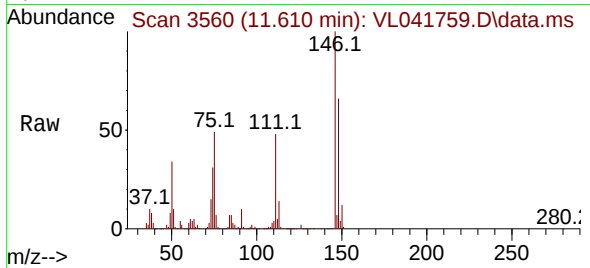
77 24.1 21.8 32.8





#75
1,3-Dichlorobenzene
Concen: 10.025 ppbv
RT: 11.610 min Scan# 3559
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

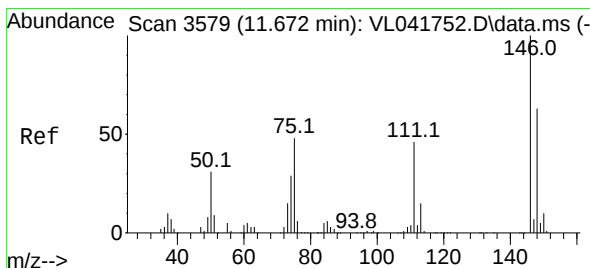
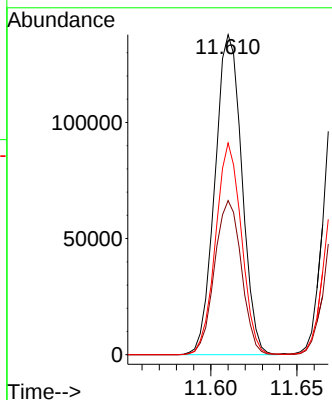
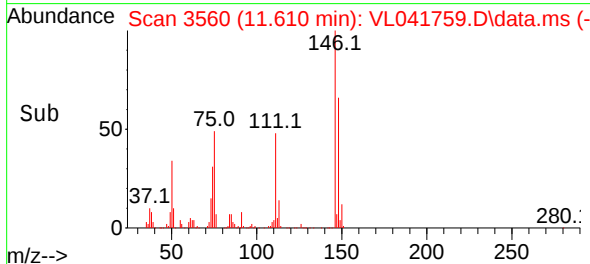
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624



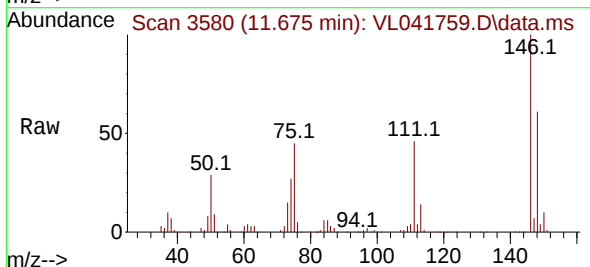
Tgt Ion:146 Resp: 14992
Ion Ratio Lower Upper
146 100
111 48.2 23.4 70.3
148 63.5 31.6 95.0

Manual Integrations
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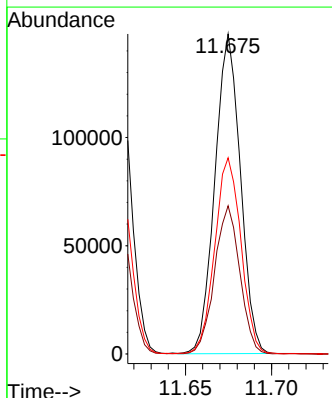
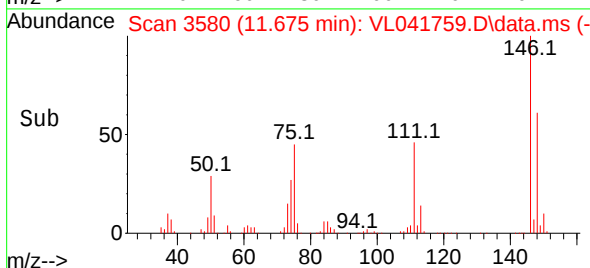
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

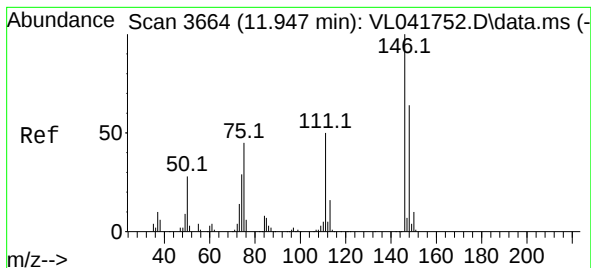


#76
1,4-Dichlorobenzene
Concen: 10.302 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59



Tgt Ion:146 Resp: 152212
Ion Ratio Lower Upper
146 100
111 46.1 22.7 68.1
148 63.4 31.4 94.0





#77

1,2-Dichlorobenzene

Concen: 9.919 ppbv

RT: 11.950 min Scan# 3665

Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

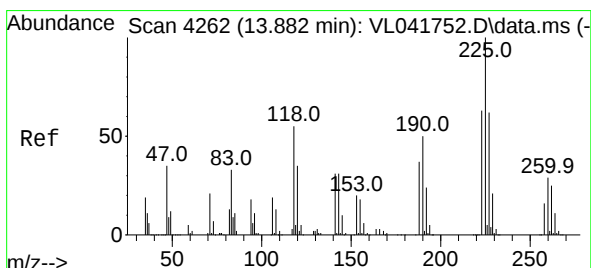
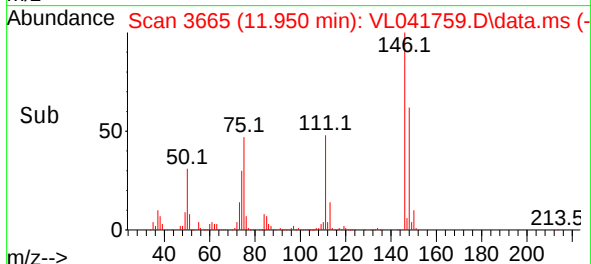
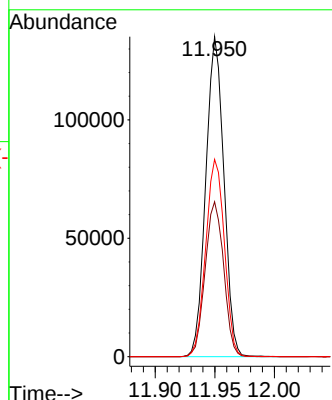
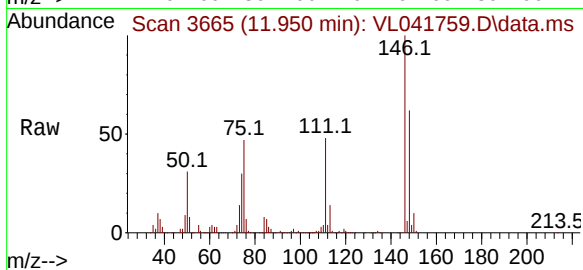
ICVVL121624

Tgt Ion:	146	Resp:	142734
Ion Ratio	Lower	Upper	
146	100		
111	49.7	24.8	74.3
148	63.7	31.8	95.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.873 ppbv

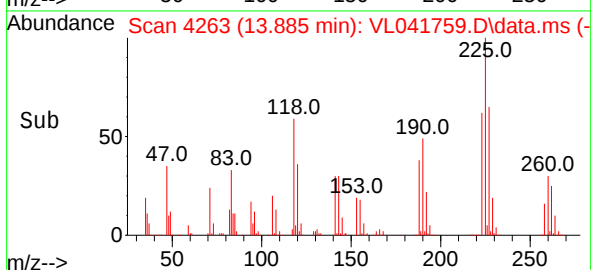
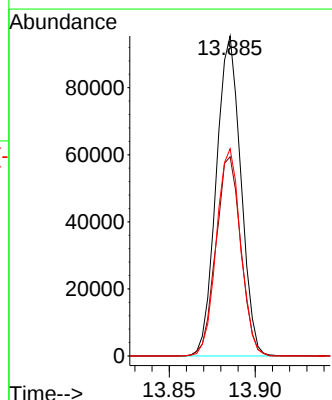
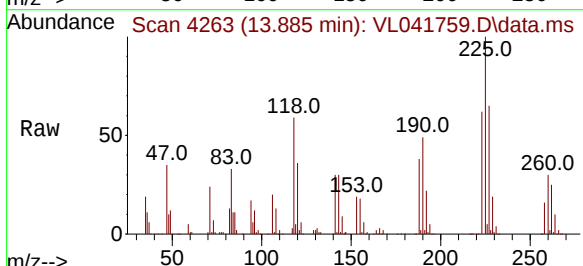
RT: 13.885 min Scan# 4263

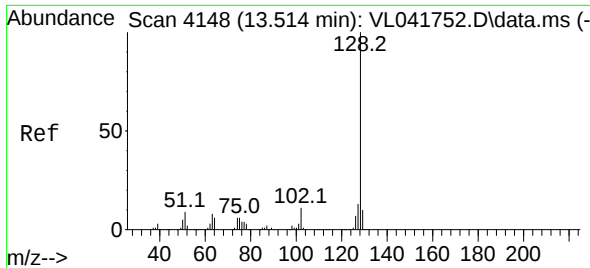
Delta R.T. 0.003 min

Lab File: VL041759.D

Acq: 16 Dec 2024 18:59

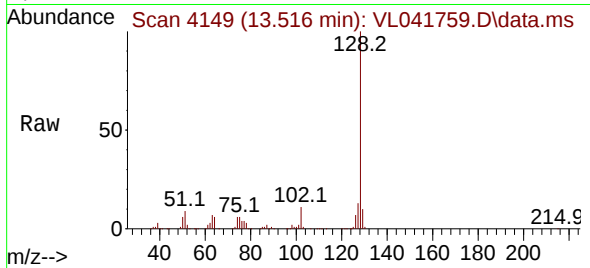
Tgt Ion:	225	Resp:	94671
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.5	75.7
227	63.8	50.3	75.5





#79
Naphthalene
Concen: 12.384 ppbv
RT: 13.516 min Scan# 4148
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

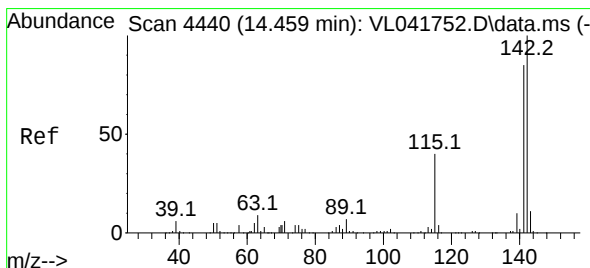
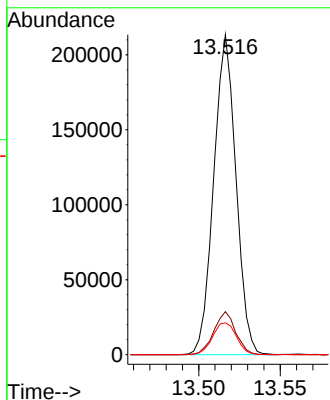
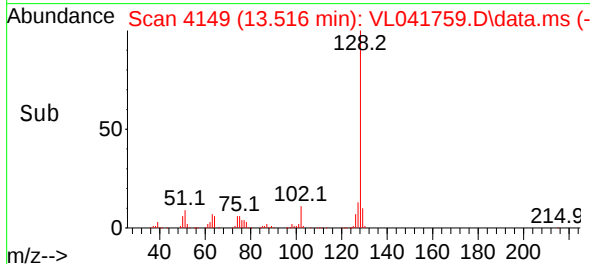
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121624



Tgt Ion:128 Resp: 202413
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.0 8.2 12.4

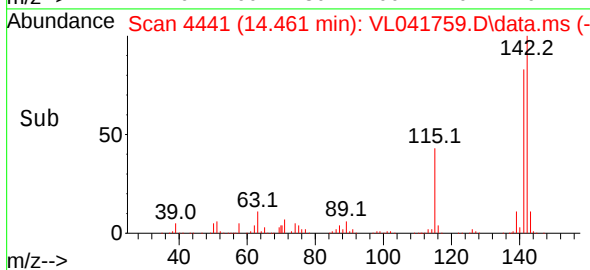
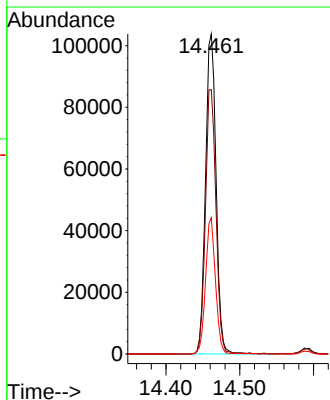
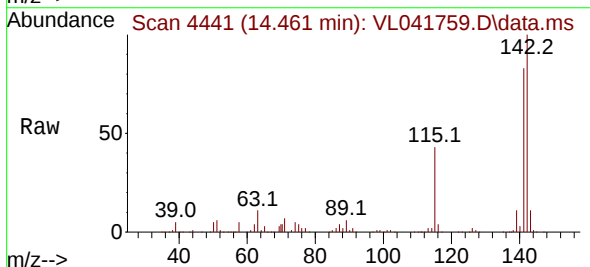
Manual Integrations
APPROVED

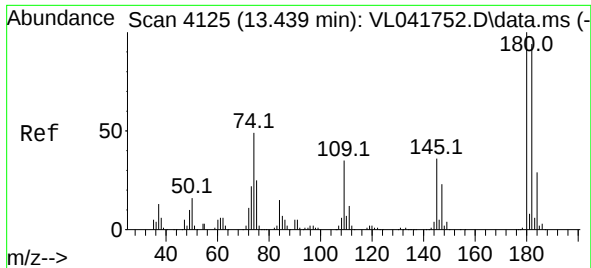
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#80
Naphthalene,2-methyl-
Concen: 20.261 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. 0.003 min
Lab File: VL041759.D
Acq: 16 Dec 2024 18:59

Tgt Ion:142 Resp: 102431
Ion Ratio Lower Upper
142 100
141 83.2 68.4 102.6
115 40.4 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 11.025 ppbv

RT: 13.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041759.D

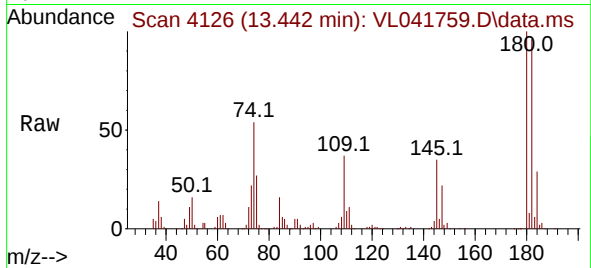
Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121624



Tgt Ion:180 Resp: 98468

Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.6

184 30.2 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024

