

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041769.D
 Acq On : 17 Dec 2024 07:59
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 03:24:15 2024

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2024

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	2.790	49	59846	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	158335	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	141285	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 118706 10.082 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	113031	10.614	ppbv	97
3) Chlorodifluoromethane	1.476	51	102349	10.487	ppbv	99
4) Chloromethane	1.534	50	43426	10.423	ppbv	95
5) Vinyl Chloride	1.580	62	40373	9.618	ppbv	99
6) Bromomethane	1.670	94	19093	9.638	ppbv	96
7) Chloroethane	1.706	64	16527	10.135	ppbv	95
8) Dichlorotetrafluoroethane	1.554	85	97963	10.278	ppbv	98
9) Propene	1.486	41	38511	9.104	ppbv	100
10) Heptane	4.988	43	102564	9.439	ppbv	99
11) Trichlorofluoromethane	1.881	101	114660	10.137	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	85349	9.921	ppbv	99
13) Ethanol	1.722	45	2209	6.307	ppbv	88
14) Bromoethene	1.783	108	30168	10.387	ppbv	99
15) Acetone	1.835	43	93995	8.072	ppbv	99
16) 1,3-Butadiene	1.609	39	45951	10.022	ppbv	99
17) tert-Butyl alcohol	2.042	59	120737	10.452	ppbv	99
18) 1,1-Dichloroethene	2.036	96	37079	10.280	ppbv	95
19) Isopropyl Alcohol	1.887	45	51121	7.317	ppbv	96
20) Methylene Chloride	2.062	84	31968	9.628	ppbv	97
21) Allyl Chloride	2.097	41	64314	10.184	ppbv	98
22) trans-1,2-Dichloroethene	2.343	96	41333	10.011	ppbv	98
23) Vinyl Acetate	2.466	43	45571	8.429	ppbv	98
24) 1,1-Dichloroethane	2.411	63	84159	10.070	ppbv	99
25) Ethyl Acetate	2.839	43	213508	9.857	ppbv	100
26) Hexane	2.829	57	81005	9.854	ppbv	99
27) Carbon Disulfide	2.152	76	77530	10.466	ppbv	98
28) Methyl tert-Butyl Ether	2.444	73	70666	10.596	ppbv	98
29) Chloroform	2.852	83	129767	10.358	ppbv	96
30) Cyclohexane	3.861	84	69050	9.872	ppbv	98
31) cis-1,2-Dichloroethene	2.725	61	84535	9.952	ppbv	99
32) 1,1,1-Trichloroethane	3.373	97	133607	10.491	ppbv	99
34) 2-Butanone	2.560	43	125372	9.842	ppbv	100
35) Carbon Tetrachloride	3.768	117	132719	11.807	ppbv	98
36) Benzene	3.661	78	163404	9.977	ppbv	98
37) 1,2-Dichloroethane	3.221	62	109008	10.696	ppbv	100
38) Trichloroethene	4.554	130	64661	9.301	ppbv	98
39) 1,2-Dichloropropane	4.321	63	58032	9.797	ppbv	96
40) 1,4-Dioxane	4.593	88	24851	8.588	ppbv #	99
41) Tetrahydrofuran	3.062	42	67503	9.459	ppbv	98
42) Bromodichloromethane	4.496	83	129509	11.046	ppbv	96
43) Methyl Methacrylate	4.891	69	63876m	10.236	ppbv	
44) 2,2,4-Trimethylpentane	4.648	57	279312	9.986	ppbv	99
45) t-1,3-Dichloropropene	6.425	75	63523	9.841	ppbv	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
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Manual Integrations
 APPROVED

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

Quant Time: Dec 20 03:24:15 2024

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

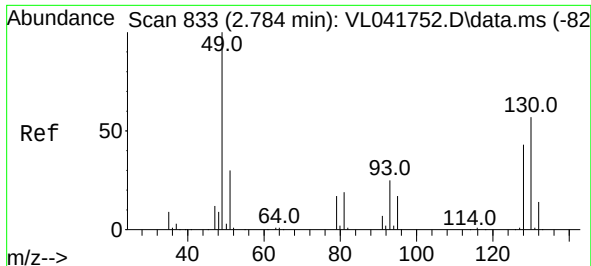
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

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	5.609	75	81552	9.952	ppbv	99
47) 1,1,2-Trichloroethane	6.590	97	61551	9.948	ppbv	96
48) Dibromochloromethane	7.396	129	94664	11.205	ppbv	100
49) Bromoform	9.493	173	74960	10.839	ppbv	100
50) 4-Methyl-2-Pentanone	5.761	43	171768	9.904	ppbv	99
51) 2-Hexanone	7.448	43	134291	9.553	ppbv #	100
52) Tetrachloroethene	8.234	164	54561	8.950	ppbv	96
53) Toluene	6.939	91	179836	9.685	ppbv	100
54) 1,2-Dibromoethane	7.661	107	85711	10.054	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.933	131	78423	10.470	ppbv	98
57) Chlorobenzene	8.930	112	138401	9.573	ppbv	98
58) Ethyl Benzene	9.364	91	254090	9.989	ppbv	98
59) m/p-Xylene	9.558	91	408912m	19.994	ppbv	
60) o-Xylene	9.972	91	205223	10.006	ppbv	100
61) Styrene	9.878	104	92239	10.401	ppbv	97
62) Isopropylbenzene	10.545	105	304398	9.878	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	117095	9.121	ppbv	98
64) n-propylbenzene	10.995	120	75463	9.686	ppbv	99
65) tert-Butylbenzene	11.539	119	266613	9.590	ppbv	98
66) Benzyl Chloride	11.623	91	18237	7.447	ppbv	98
67) sec-Butylbenzene	11.775	105	366653	9.530	ppbv	99
69) p-Isopropyltoluene	11.934	119	293997	9.273	ppbv	99
70) n-Butylbenzene	12.286	91	278374	9.087	ppbv	100
71) 2-Chlorotoluene	10.908	91	220432	9.372	ppbv	100
72) 4-Ethyltoluene	11.131	105	235268	9.718	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	201807	10.048	ppbv	99
74) 1,2,4-Trimethylbenzene	11.542	105	212268	9.828	ppbv #	89
75) 1,3-Dichlorobenzene	11.613	146	119550	8.682	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	116827	8.588	ppbv	98
77) 1,2-Dichlorobenzene	11.953	146	113277	8.549	ppbv	99
78) Hexachloro-1,3-Butadiene	13.888	225	74247	7.557	ppbv	99
79) Naphthalene	13.520	128	156561	10.403	ppbv	98
80) Naphthalene,2-methyl-	14.465	142	64020	13.753	ppbv	97
81) 1,2,4-Trichlorobenzene	13.445	180	75494	9.180	ppbv	98

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



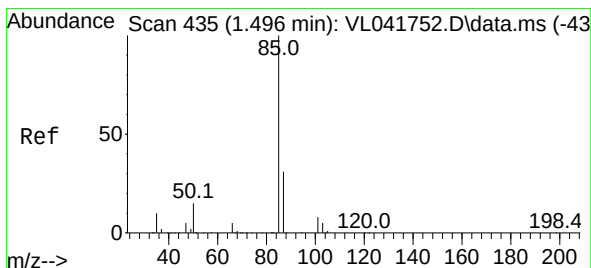
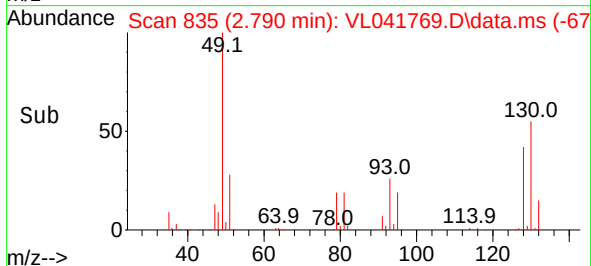
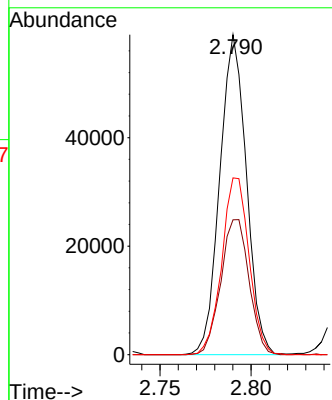
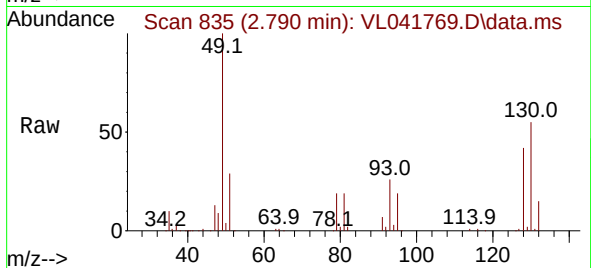
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 59840
Ion Ratio Lower Upper
49 100
128 44.9 21.6 64.6
130 56.7 28.3 85.0

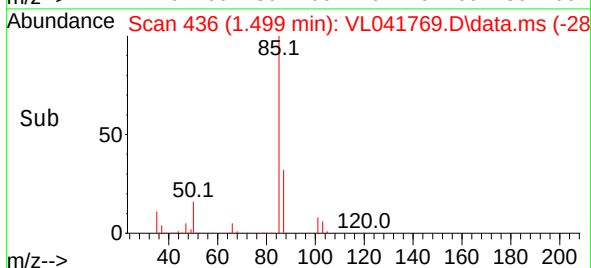
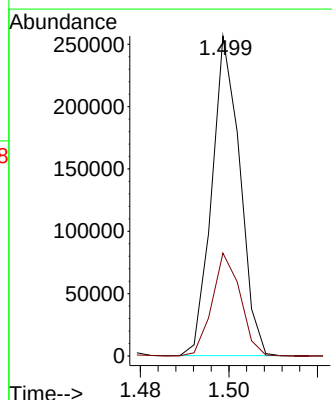
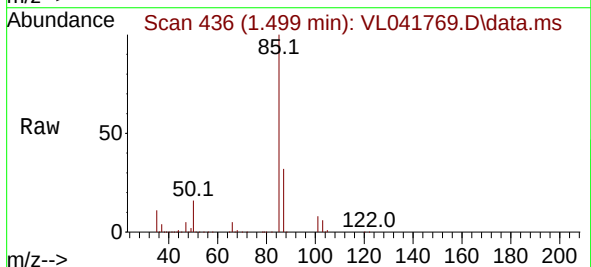
Manual Integrations
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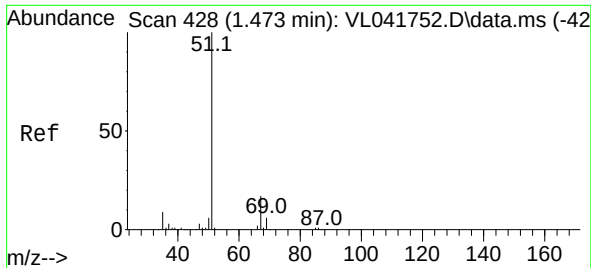
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 10.614 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion: 85 Resp: 113031
Ion Ratio Lower Upper
85 100
87 32.1 24.5 36.7





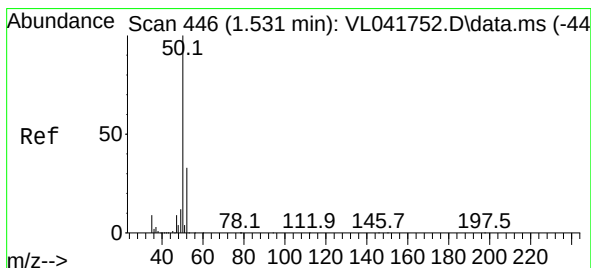
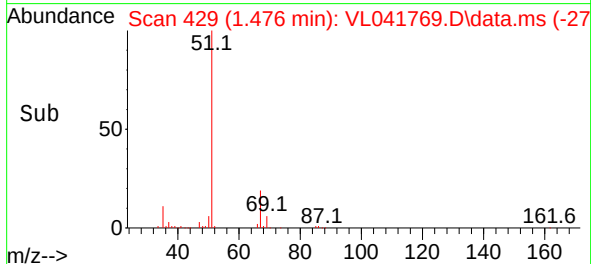
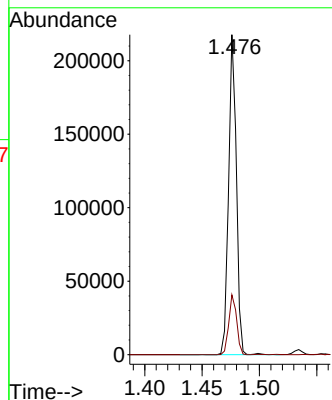
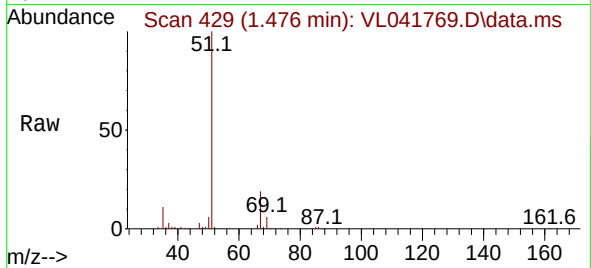
#3
Chlorodifluoromethane
Concen: 10.487 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 102349
Ion Ratio Lower Upper
51 100
67 19.1 15.0 22.4

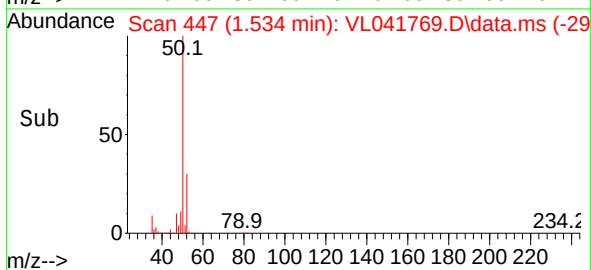
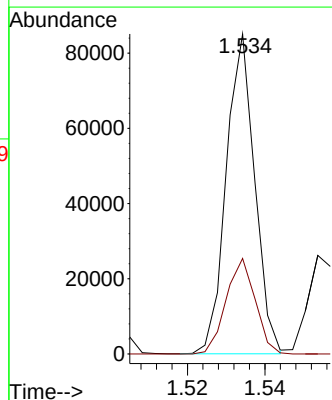
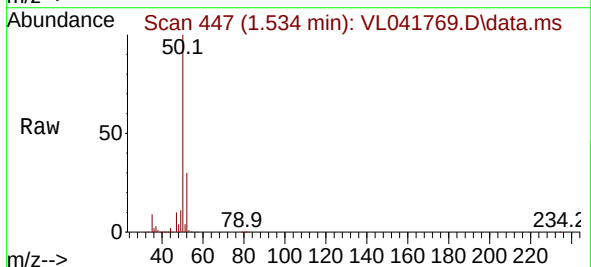
Manual Integrations
APPROVED

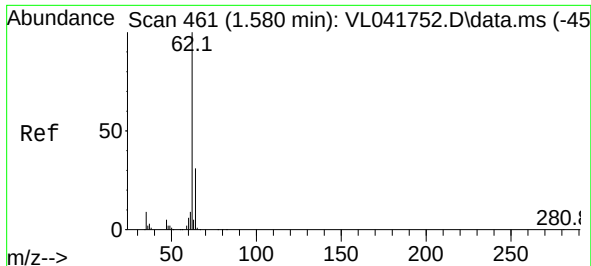
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Chloromethane
Concen: 10.423 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

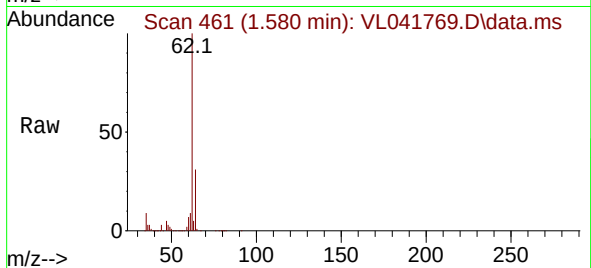
Tgt Ion: 50 Resp: 43426
Ion Ratio Lower Upper
50 100
52 29.9 26.2 39.2





#5
Vinyl Chloride
Concen: 9.618 ppbv
RT: 1.580 min Scan# 4037
Delta R.T. -0.000 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

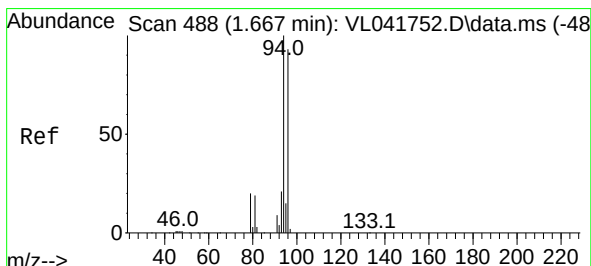
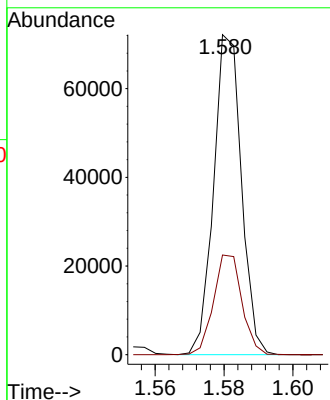
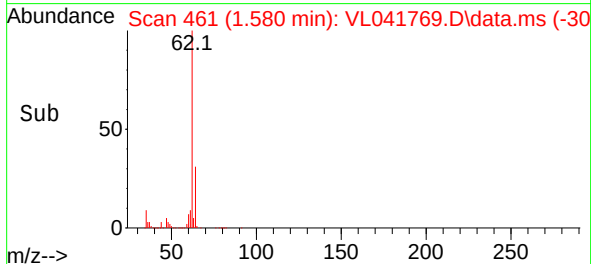
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 4037
Ion Ratio Lower Upper
62 100
64 31.1 25.1 37.7

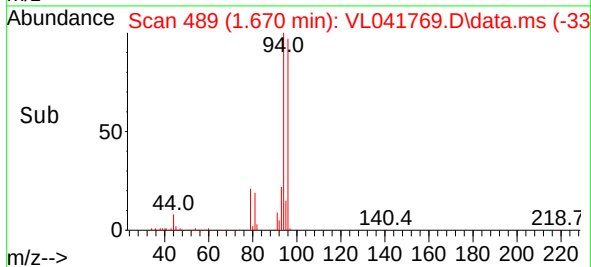
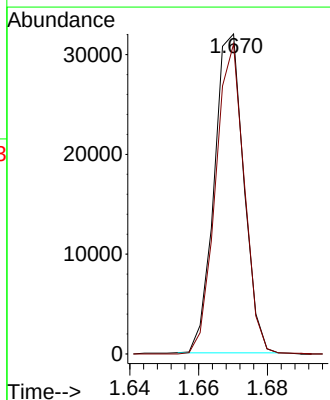
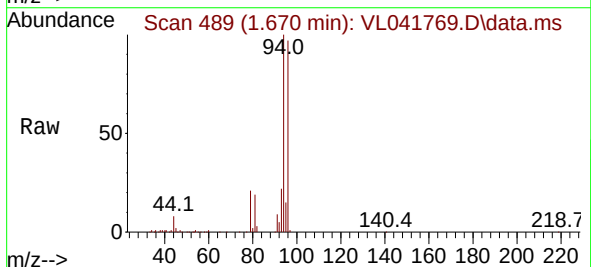
Manual Integrations
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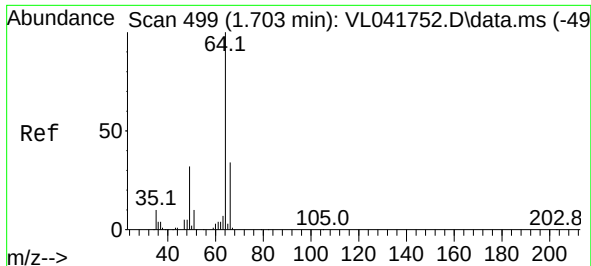
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#6
Bromomethane
Concen: 9.638 ppbv
RT: 1.670 min Scan# 489
Delta R.T. 0.003 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

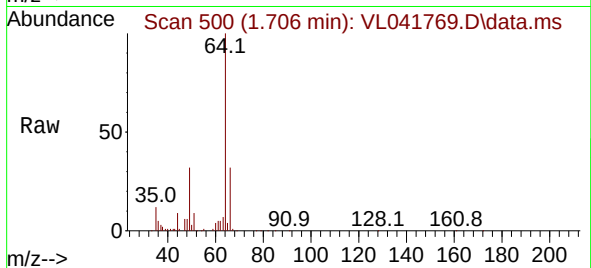
Tgt Ion: 94 Resp: 19093
Ion Ratio Lower Upper
94 100
96 97.2 74.7 112.1





#7
Chloroethane
Concen: 10.135 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

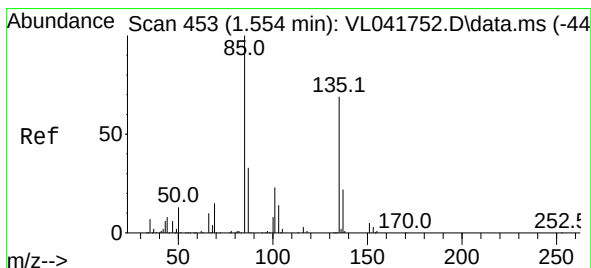
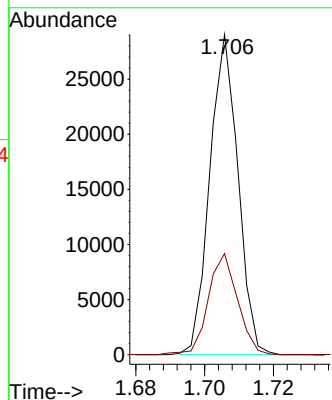
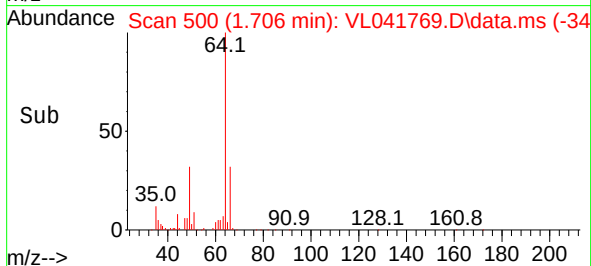
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 1652
Ion Ratio Lower Upper
64 100
66 31.6 27.5 41.3

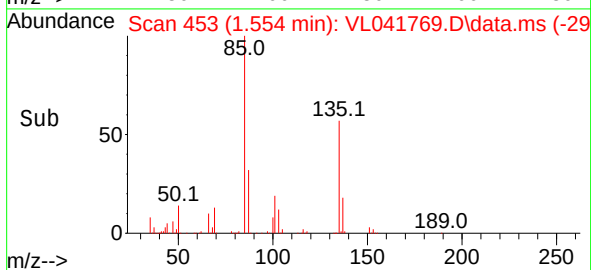
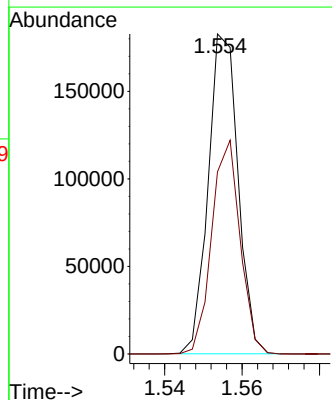
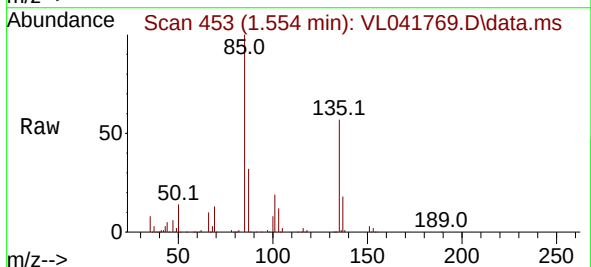
Manual Integrations
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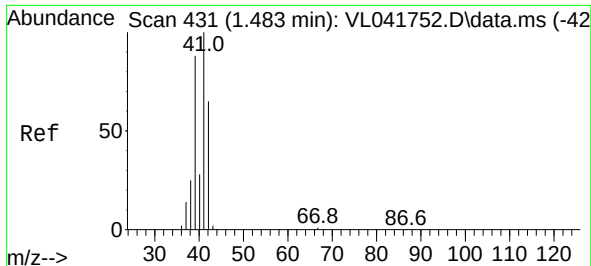
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#8
Dichlorotetrafluoroethane
Concen: 10.278 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion: 85 Resp: 97963
Ion Ratio Lower Upper
85 100
135 63.4 51.9 77.9





#9

Propene

Concen: 9.104 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 3851

Ion Ratio Lower Upper

41 100

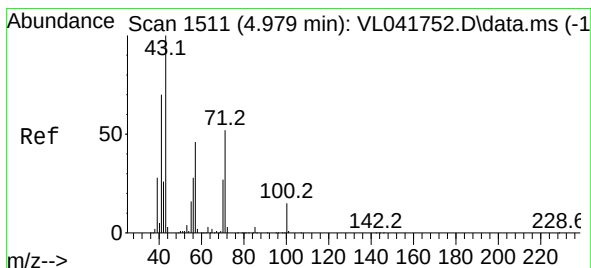
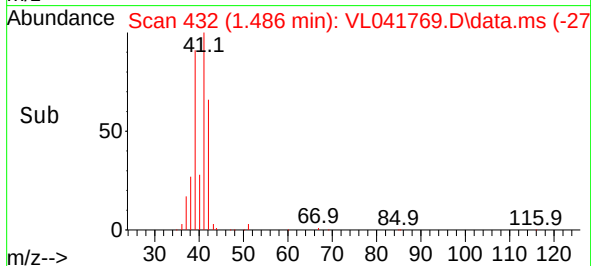
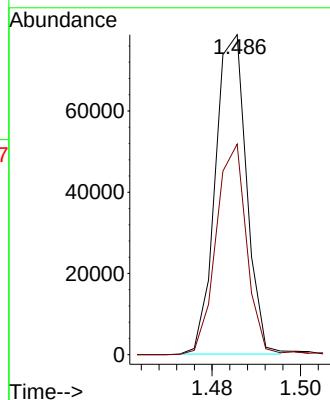
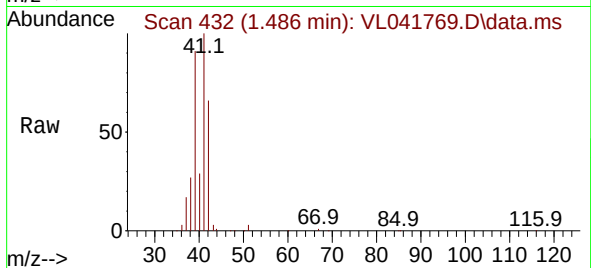
42 65.6 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#10

Heptane

Concen: 9.439 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.009 min

Lab File: VL041769.D

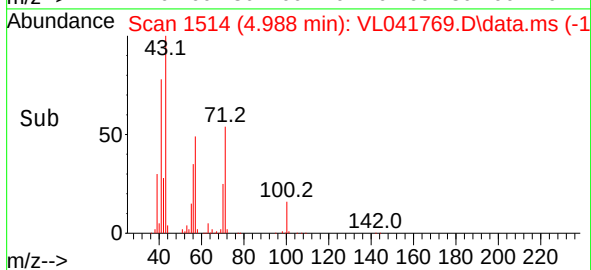
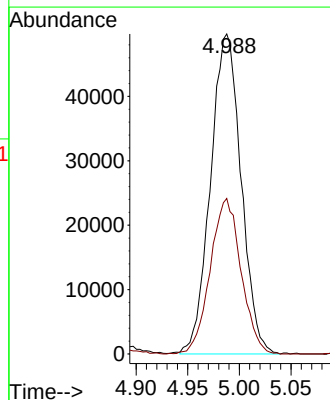
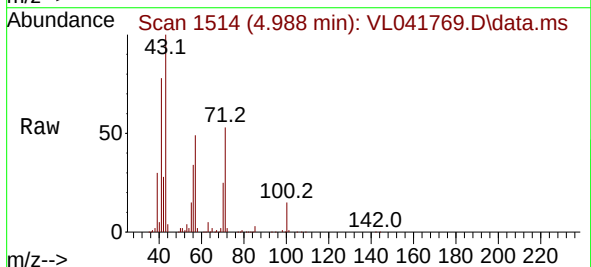
Acq: 17 Dec 2024 07:59

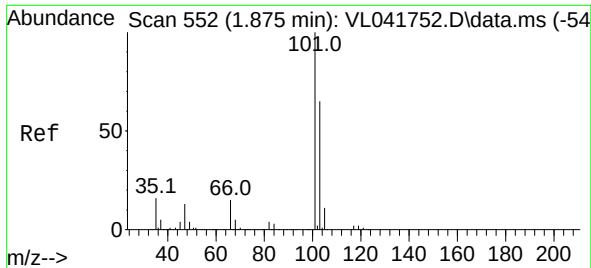
Tgt Ion: 43 Resp: 102564

Ion Ratio Lower Upper

43 100

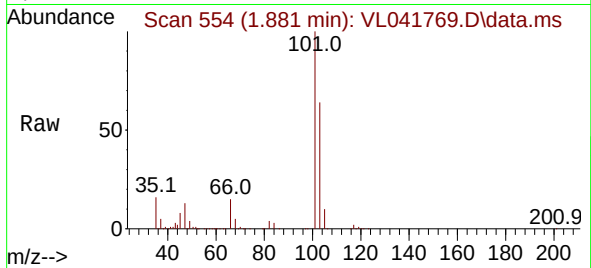
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#11
Trichlorofluoromethane
Concen: 10.137 ppbv
RT: 1.881 min Scan# 511
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

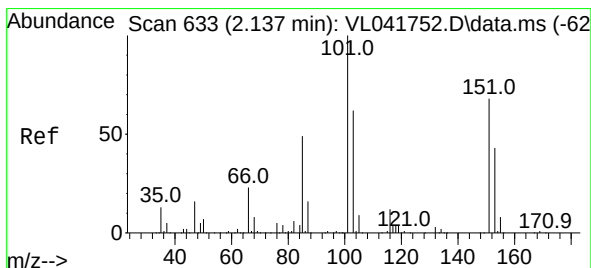
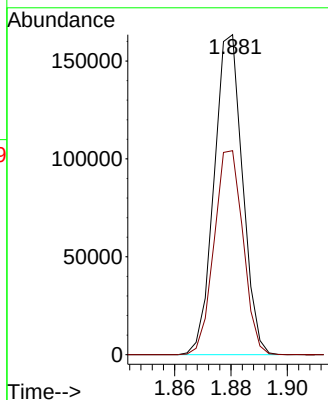
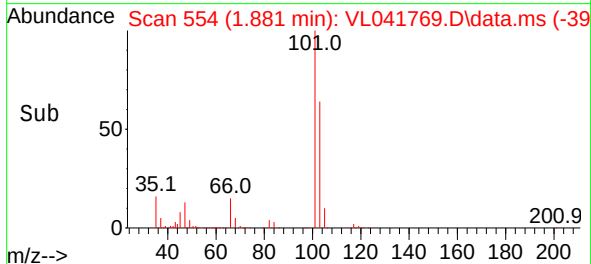
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 114660
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.8

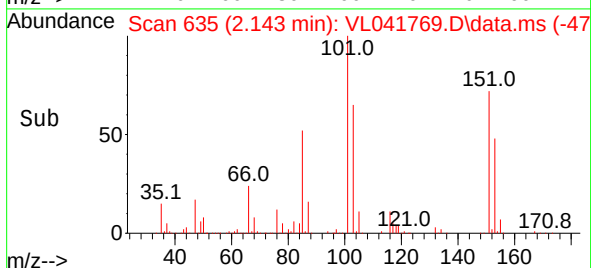
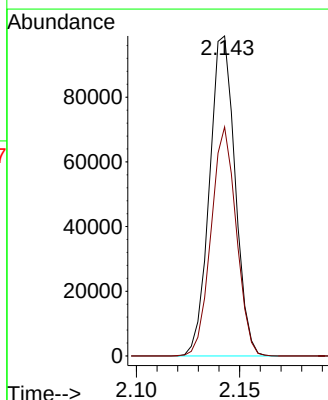
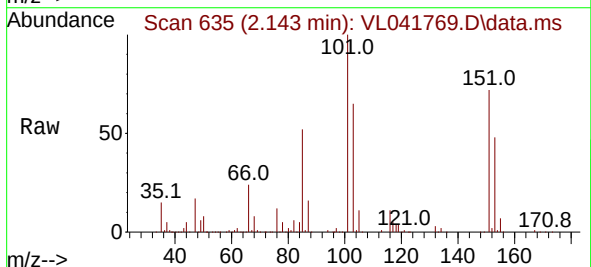
Manual Integrations
APPROVED

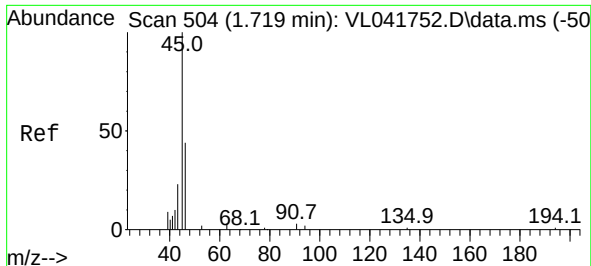
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.921 ppbv
RT: 2.143 min Scan# 635
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion:101 Resp: 85349
Ion Ratio Lower Upper
101 100
151 70.2 56.8 85.2





#13

Ethanol

Concen: 6.307 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 45 Resp: 2209

Ion Ratio Lower Upper

45 100

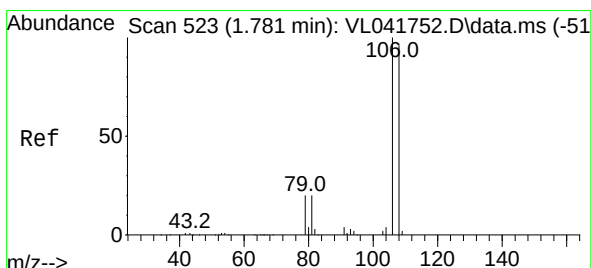
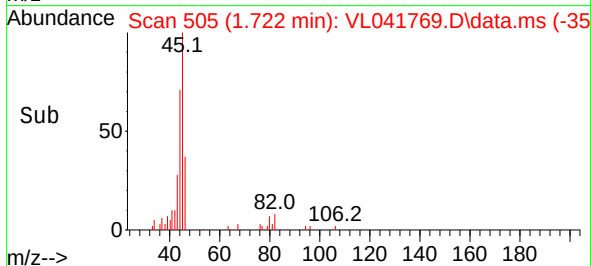
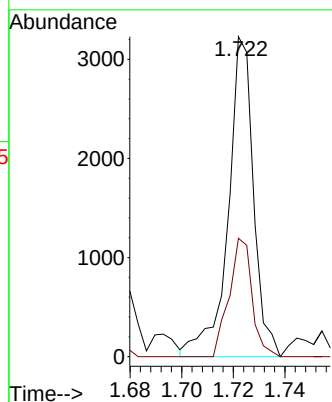
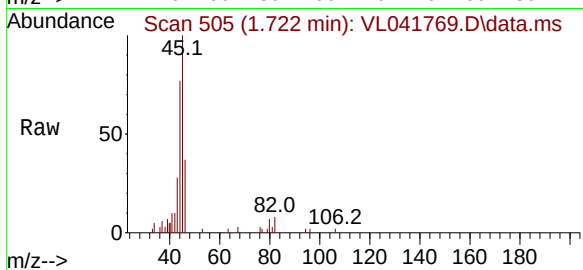
46 33.4 16.4 65.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#14

Bromoethene

Concen: 10.387 ppbv

RT: 1.783 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

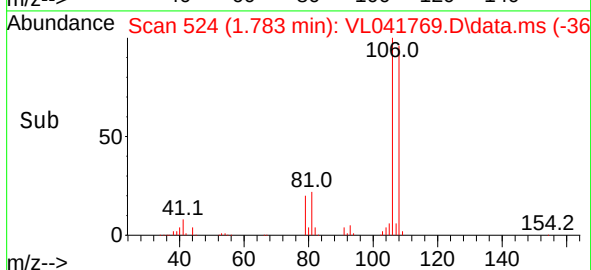
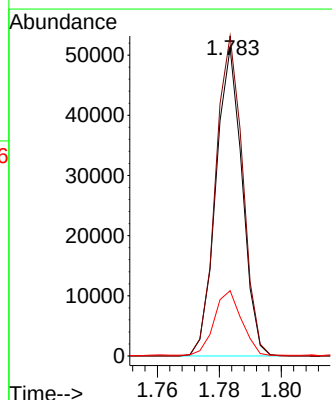
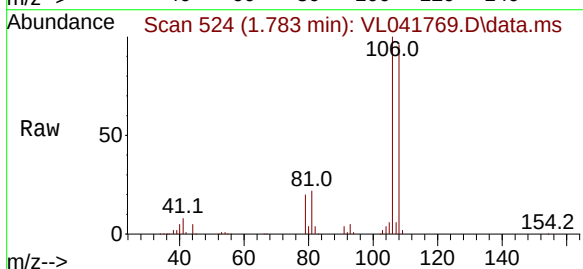
Tgt Ion:108 Resp: 30168

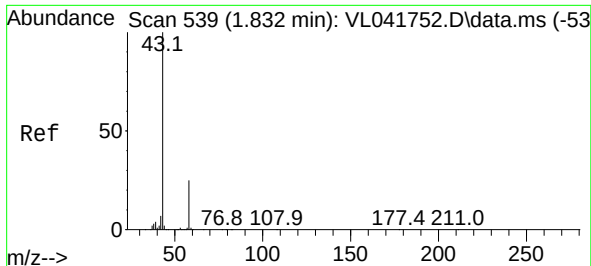
Ion Ratio Lower Upper

108 100

106 106.3 84.1 126.1

79 23.0 17.4 26.0





#15

Acetone

Concen: 8.072 ppbv

RT: 1.835 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 9399

Ion Ratio Lower Upper

43 100

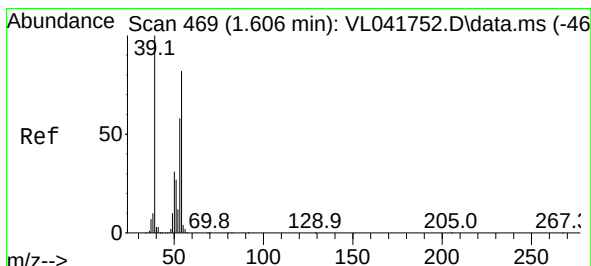
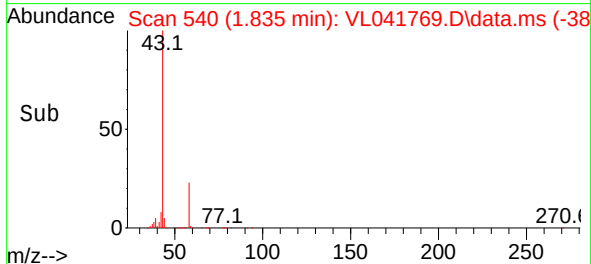
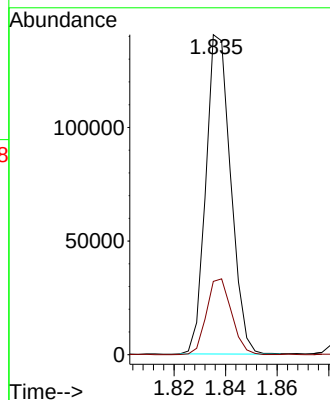
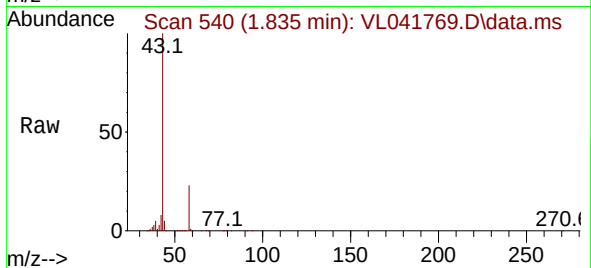
58 24.1 19.7 29.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#16

1,3-Butadiene

Concen: 10.022 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.003 min

Lab File: VL041769.D

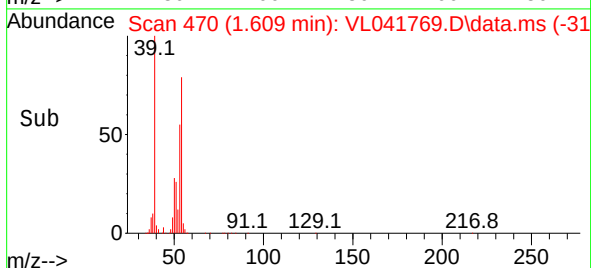
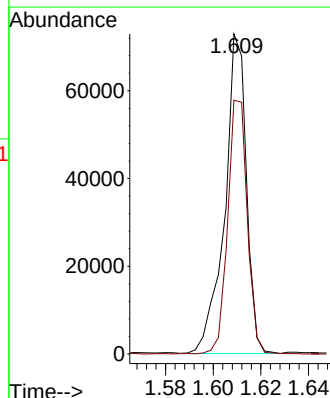
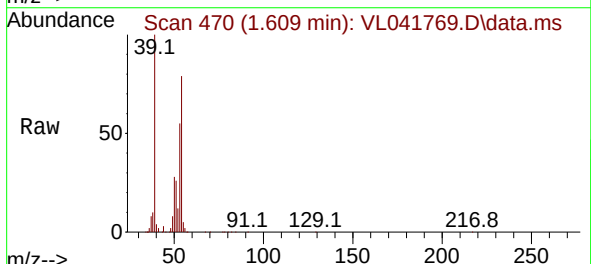
Acq: 17 Dec 2024 07:59

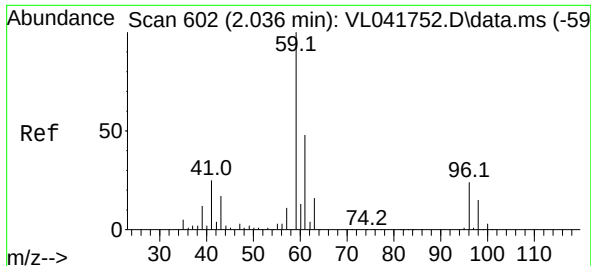
Tgt Ion: 39 Resp: 45951

Ion Ratio Lower Upper

39 100

54 72.2 58.4 87.6





#17
tert-Butyl alcohol
Concen: 10.452 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

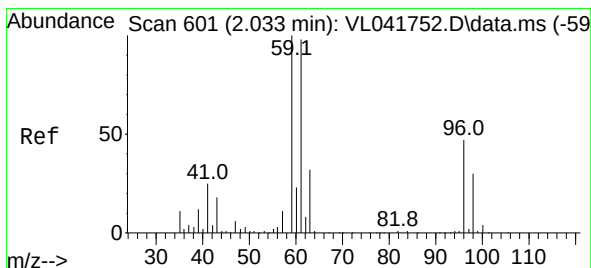
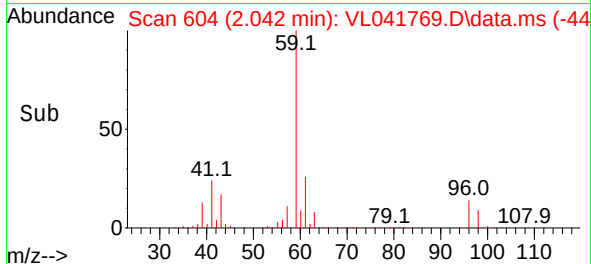
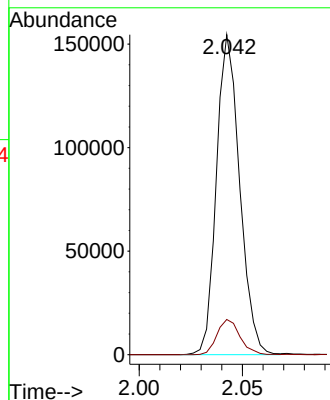
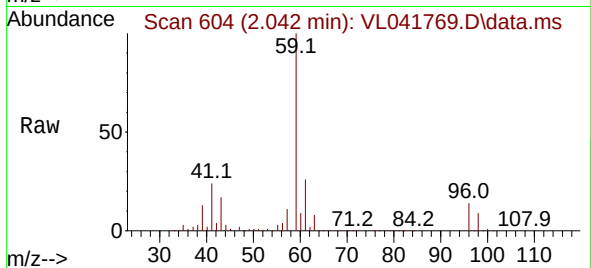
VSTDC0010EC

Tgt Ion: 59 Resp: 12073
Ion Ratio Lower Upper
59 100
57 11.0 8.6 13.0

Manual Integrations

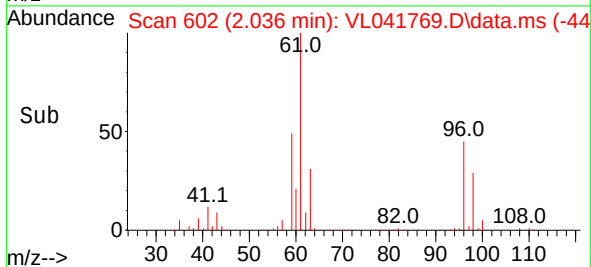
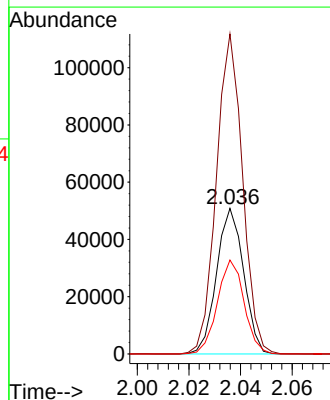
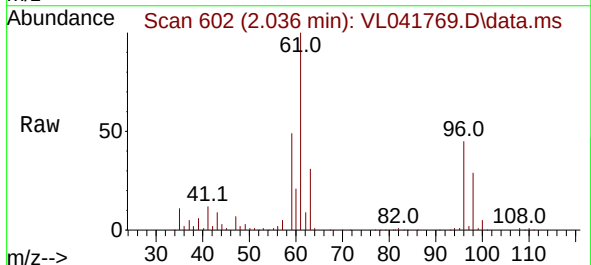
APPROVED

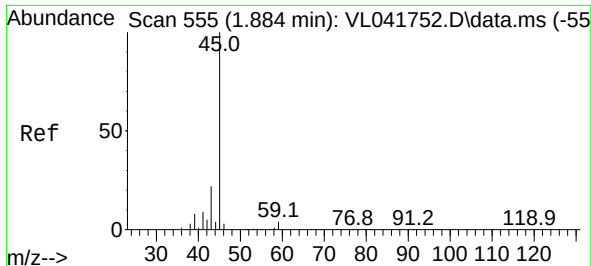
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
1,1-Dichloroethene
Concen: 10.280 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion: 96 Resp: 37079
Ion Ratio Lower Upper
96 100
61 219.8 167.7 251.5
98 64.6 51.1 76.7





#19

Isopropyl Alcohol

Concen: 7.317 ppbv

RT: 1.887 min Scan# 5112

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 45 Resp: 5112

Ion Ratio Lower Upper

45 100

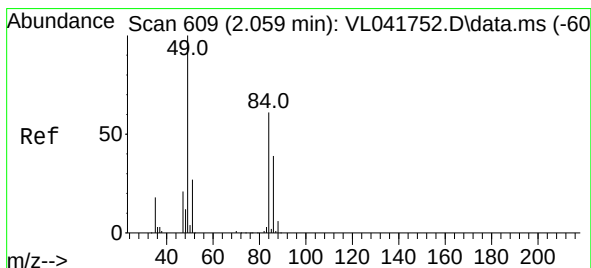
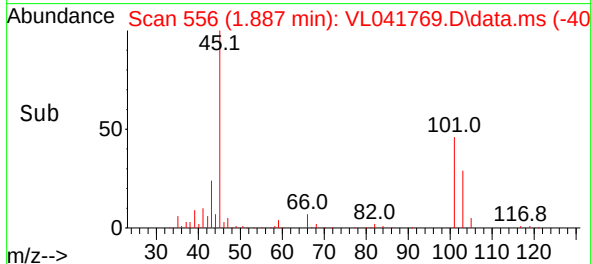
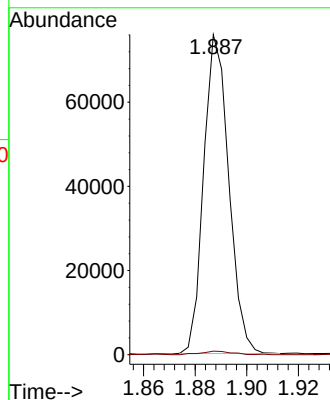
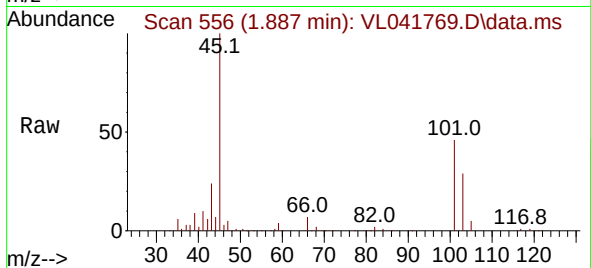
58 44.4 33.3 49.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#20

Methylene Chloride

Concen: 9.628 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion: 84 Resp: 31968

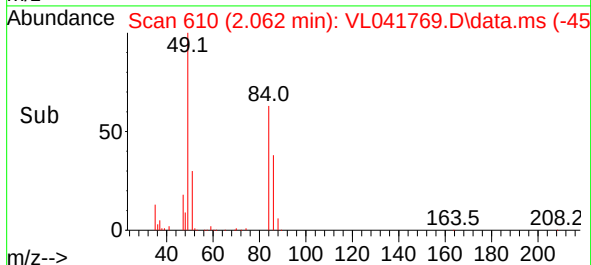
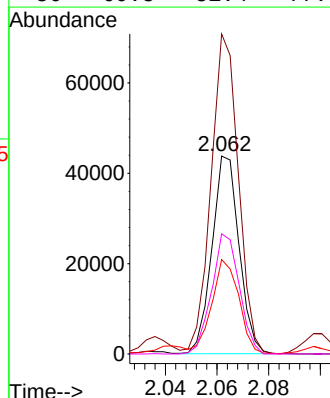
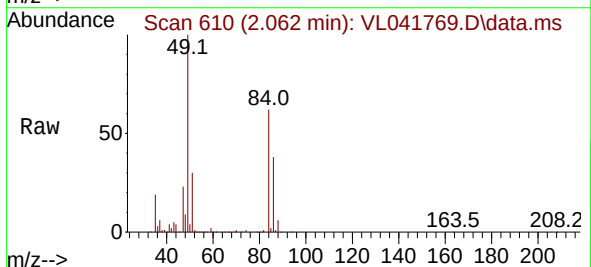
Ion Ratio Lower Upper

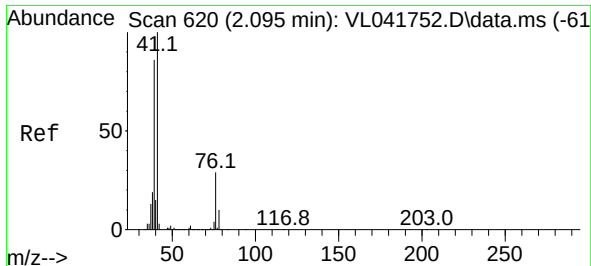
84 100

49 161.9 132.6 198.8

51 47.5 37.6 56.4

86 60.8 51.4 77.0





#21

Allyl Chloride

Concen: 10.184 ppbv

RT: 2.097 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

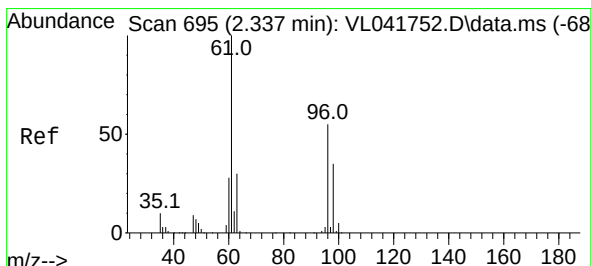
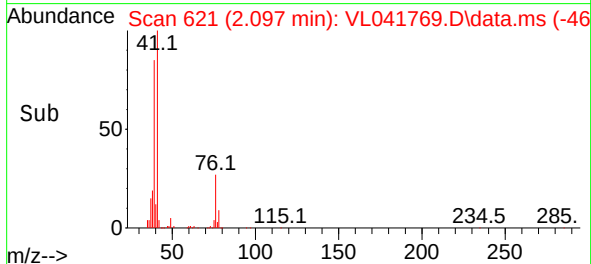
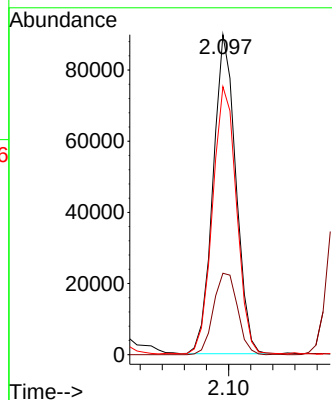
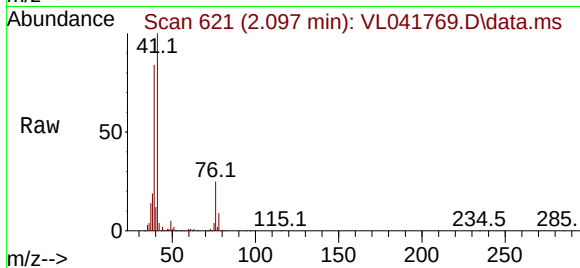
VSTDCCC010EC

Tgt Ion: 41 Resp: 64314
 Ion Ratio Lower Upper
 41 100
 76 27.0 22.3 33.5
 39 88.0 69.2 103.8

Manual Integrations

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



#22

trans-1,2-Dichloroethene

Concen: 10.011 ppbv

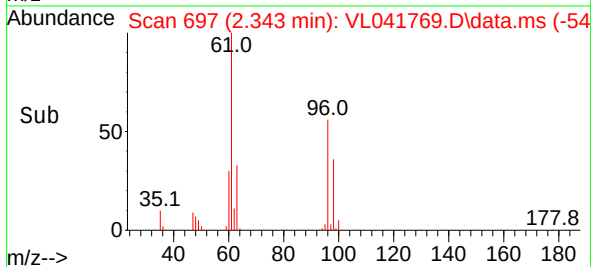
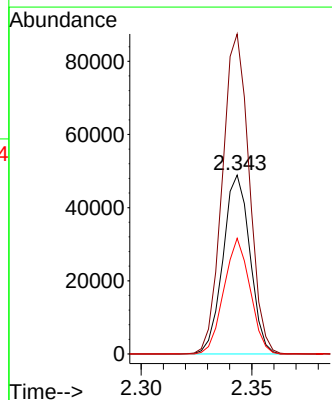
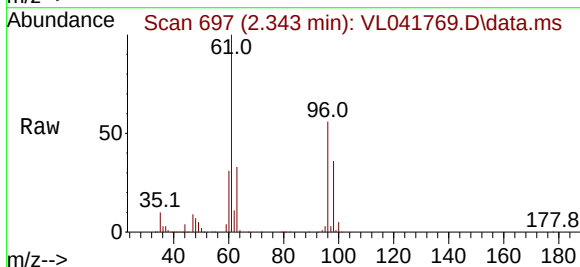
RT: 2.343 min Scan# 697

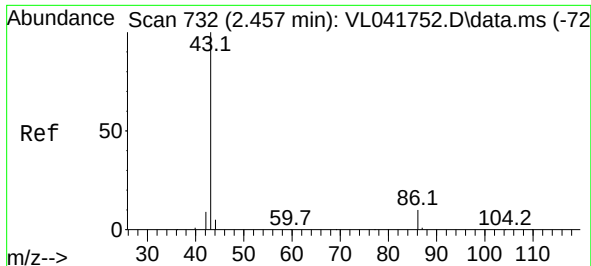
Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

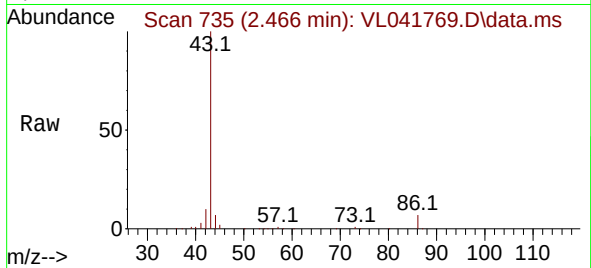
Tgt Ion: 96 Resp: 41333
 Ion Ratio Lower Upper
 96 100
 61 178.9 146.3 219.5
 98 64.7 50.8 76.2





#23
 Vinyl Acetate
 Concen: 8.429 ppbv
 RT: 2.466 min Scan# 718
 Delta R.T. 0.009 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

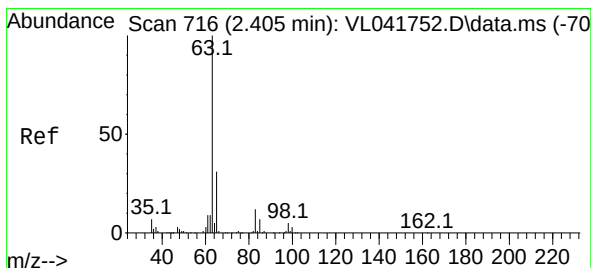
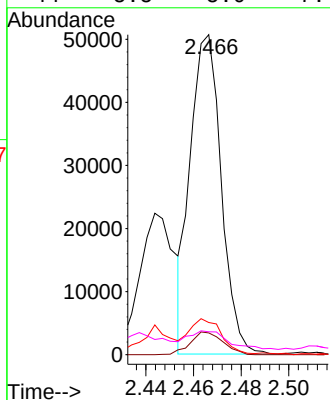
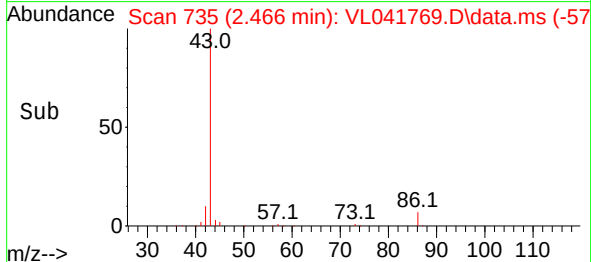
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 43 Resp: 4557
 Ion Ratio Lower Upper
 43 100
 86 6.8 6.6 10.0
 42 9.8 8.2 12.2
 44 5.5 5.0 7.4

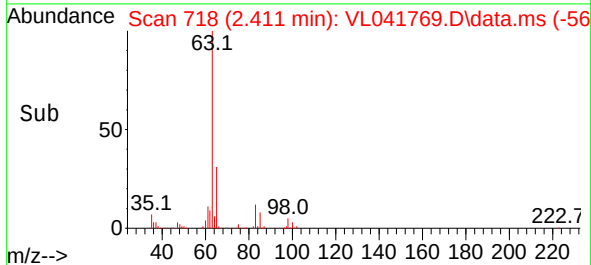
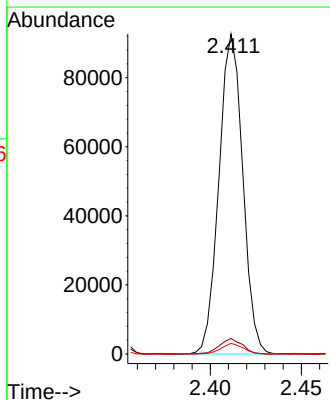
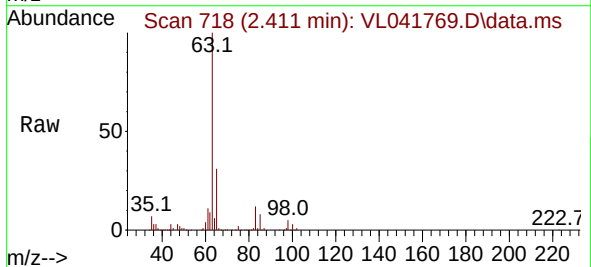
Manual Integrations
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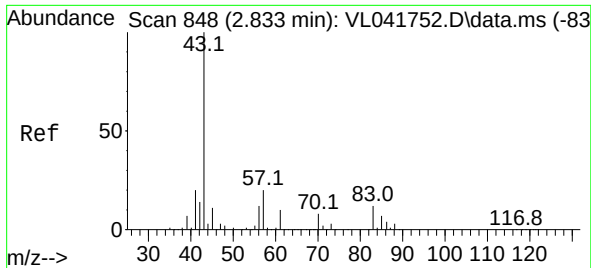
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#24
 1,1-Dichloroethane
 Concen: 10.070 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

Tgt Ion: 63 Resp: 84159
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.3 6.8
 100 3.4 1.4 4.2





#25
Ethyl Acetate
Concen: 9.857 ppbv
RT: 2.839 min Scan# 848
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

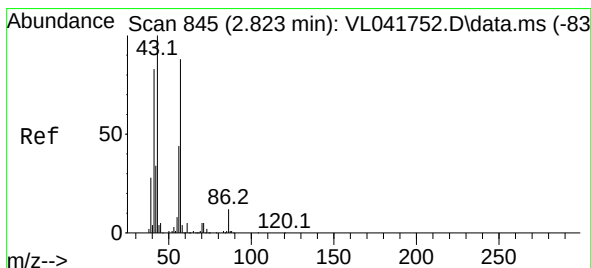
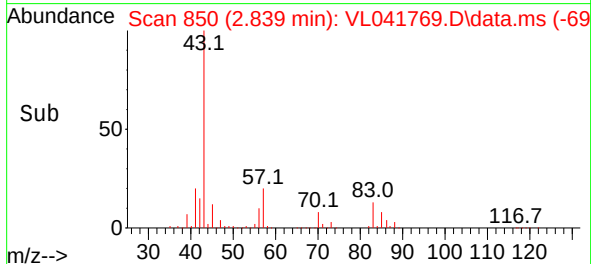
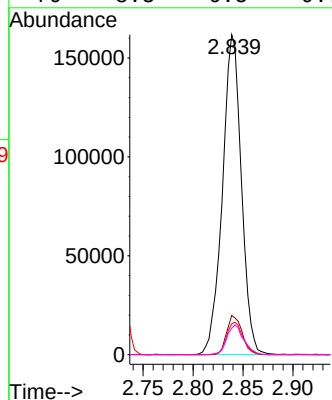
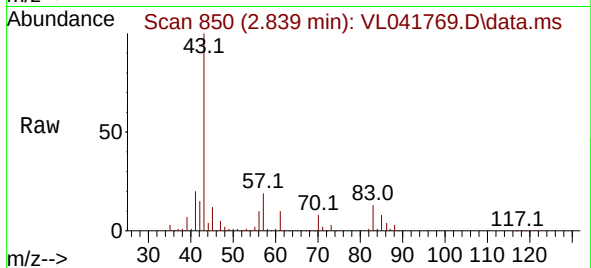
VSTDCCC010EC

Tgt Ion: 43 Resp: 213508
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 8.6 7.0 10.6
70 8.3 6.5 9.7

Manual Integrations

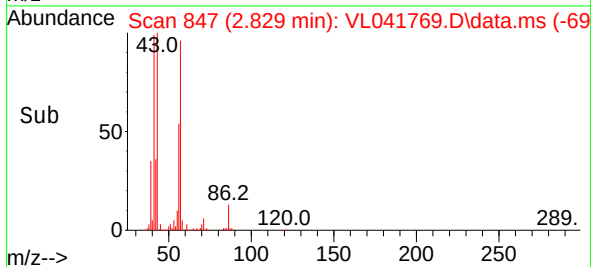
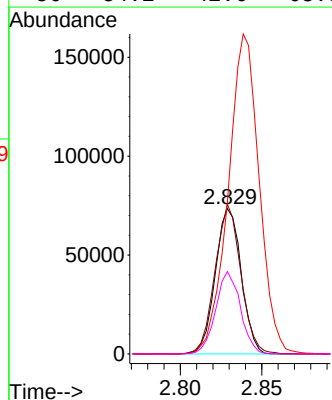
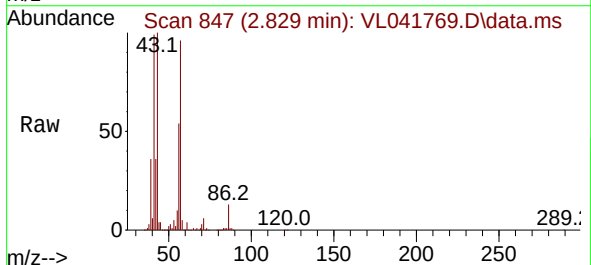
APPROVED

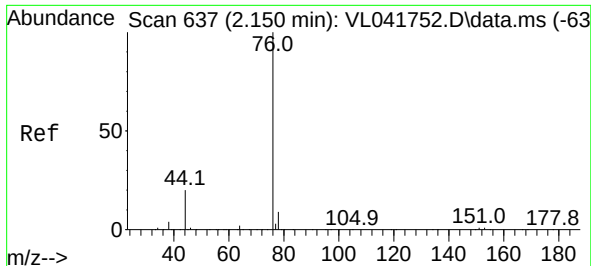
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
Hexane
Concen: 9.854 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

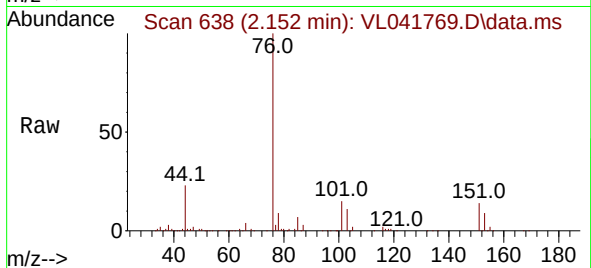
Tgt Ion: 57 Resp: 81005
Ion Ratio Lower Upper
57 100
41 102.8 79.6 119.4
43 264.5 211.0 316.6
56 54.2 42.6 63.8





#27
Carbon Disulfide
Concen: 10.466 ppbv
RT: 2.152 min Scan# 637
Delta R.T. 0.003 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

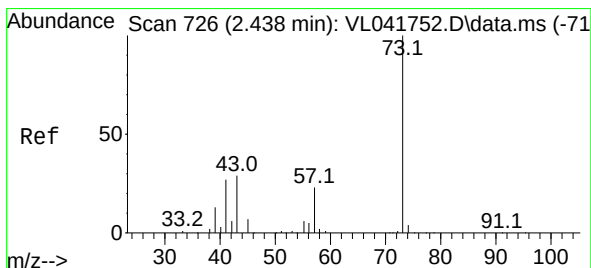
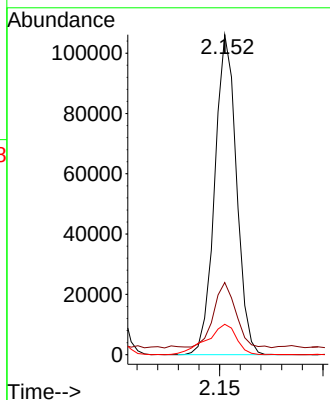
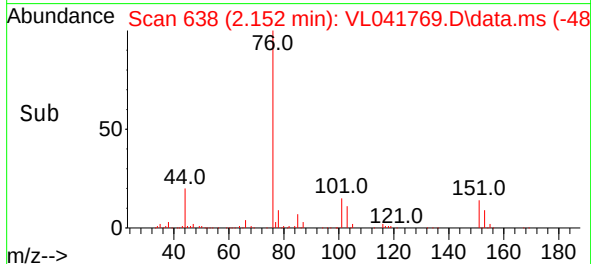
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 77530
Ion Ratio Lower Upper
76 100
44 23.4 17.6 26.4
78 13.0 10.2 15.4

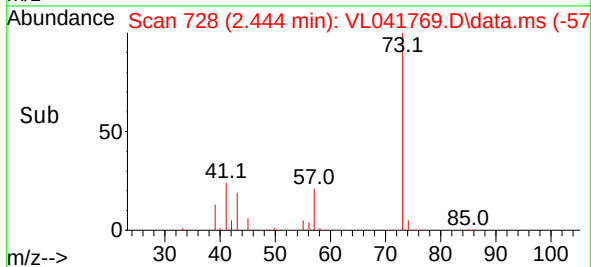
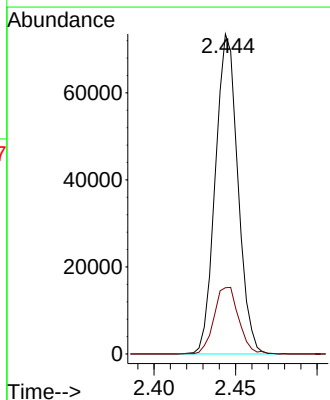
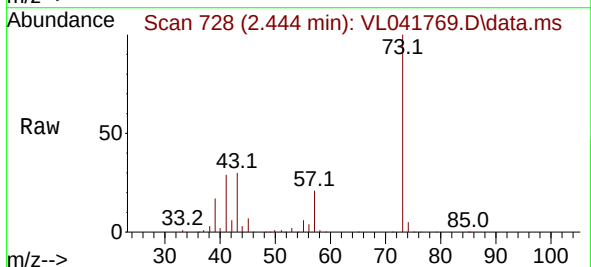
Manual Integrations
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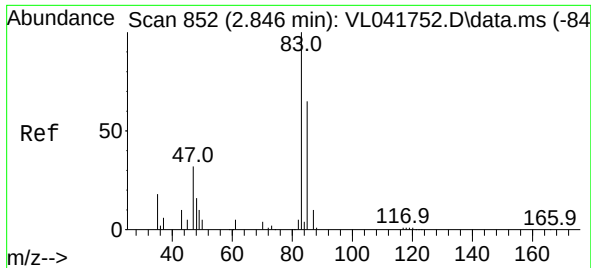
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#28
Methyl tert-Butyl Ether
Concen: 10.596 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion: 73 Resp: 70666
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4





#29

Chloroform

Concen: 10.358 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 12976

Ion Ratio Lower Upper

83 100

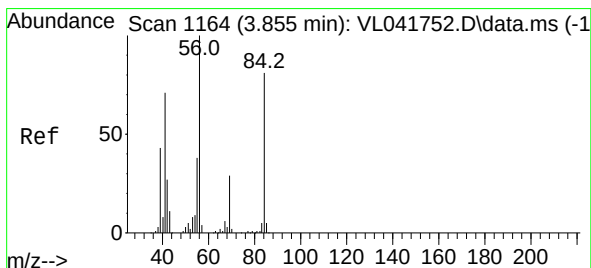
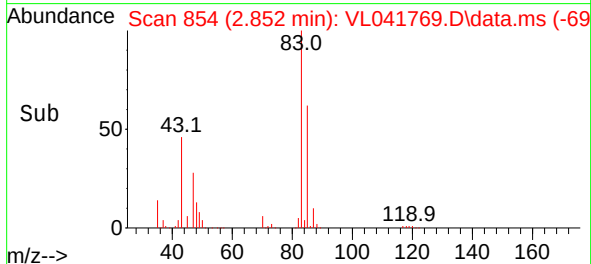
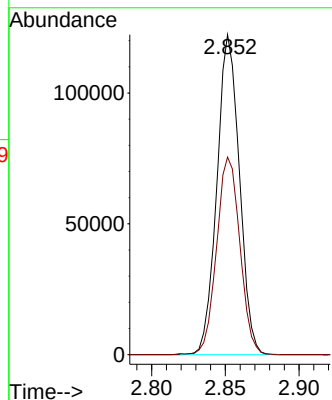
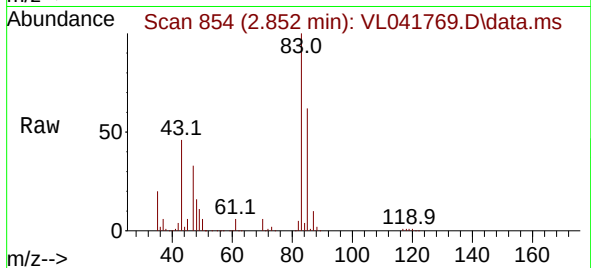
85 61.7 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#30

Cyclohexane

Concen: 9.872 ppbv

RT: 3.861 min Scan# 1166

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

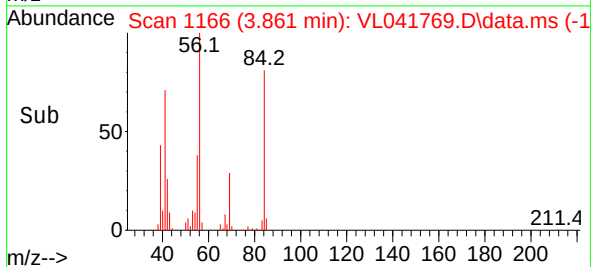
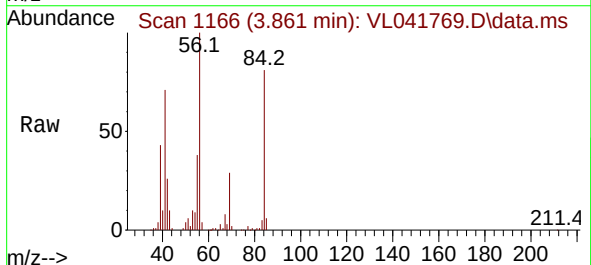
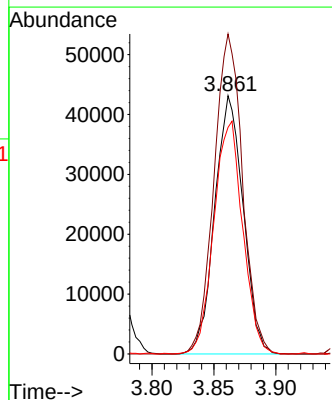
Tgt Ion: 84 Resp: 69050

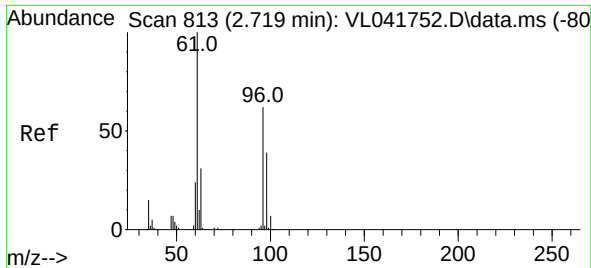
Ion Ratio Lower Upper

84 100

56 124.3 102.3 153.5

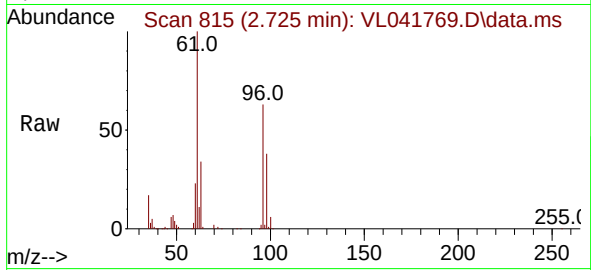
41 91.5 74.0 111.0





#31
cis-1,2-Dichloroethene
Concen: 9.952 ppbv
RT: 2.725 min Scan# 813
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

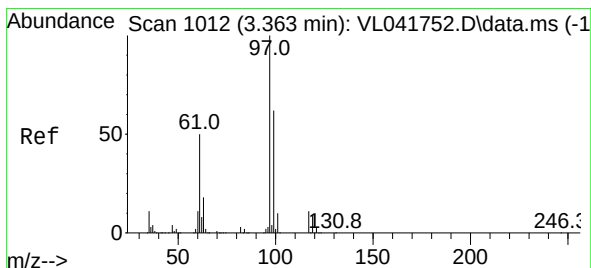
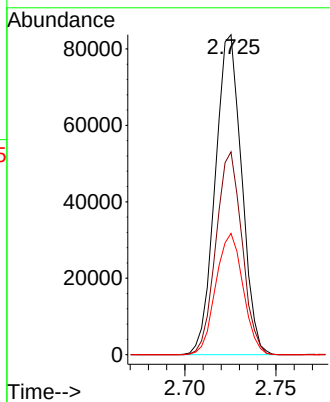
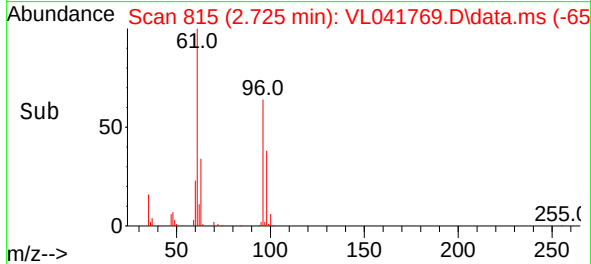
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



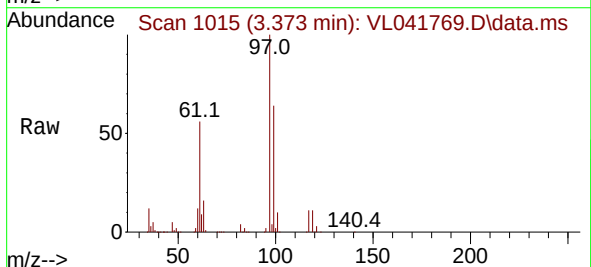
Tgt Ion: 61 Resp: 8453
Ion Ratio Lower Upper
61 100
96 63.4 49.7 74.5
98 37.9 30.8 46.2

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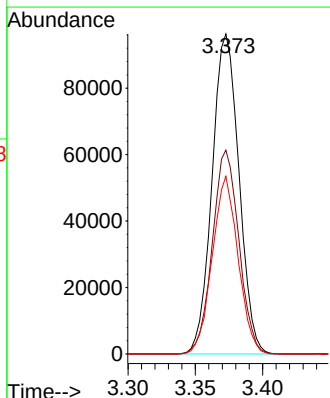
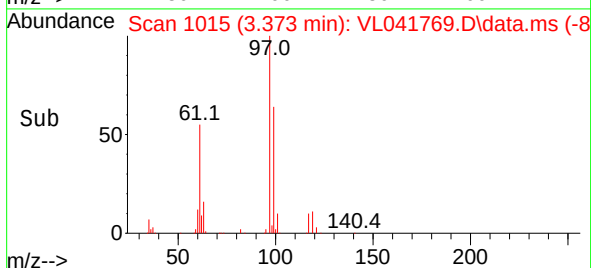
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

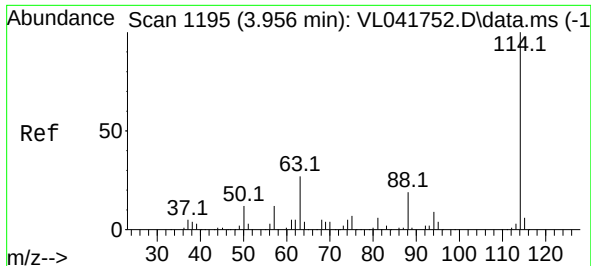


#32
1,1,1-Trichloroethane
Concen: 10.491 ppbv
RT: 3.373 min Scan# 1015
Delta R.T. 0.009 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59



Tgt Ion: 97 Resp: 133607
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.4
61 53.4 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

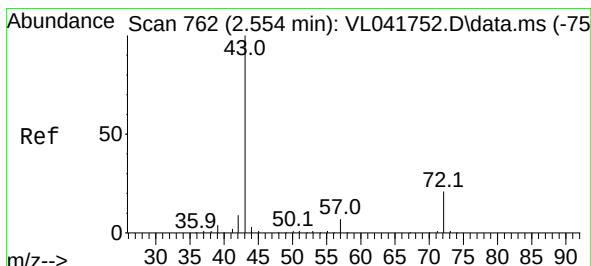
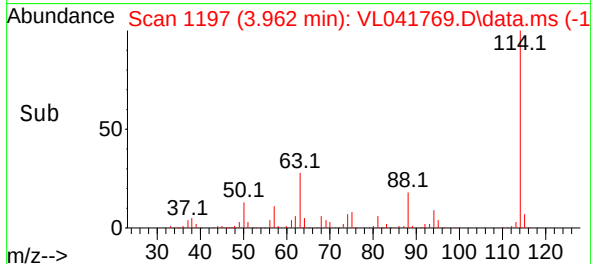
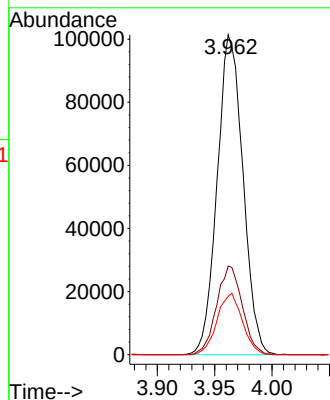
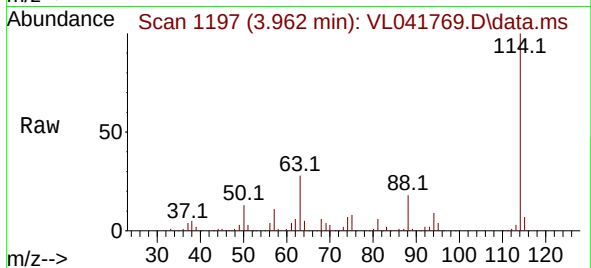
Tgt Ion:114 Resp: 158335

Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.8	32.8
88	18.9	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: 9.842 ppbv

RT: 2.560 min Scan# 764

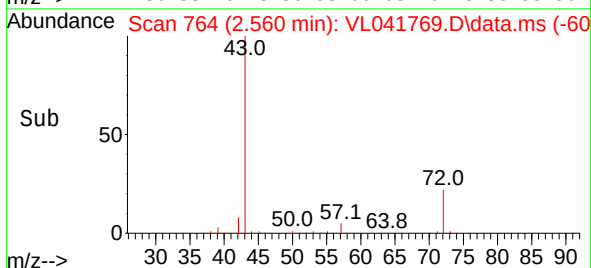
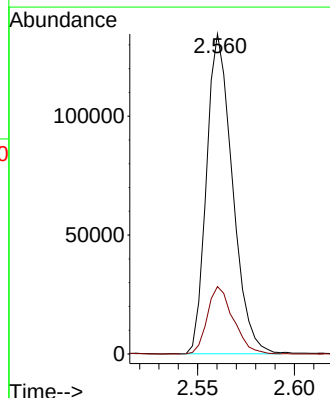
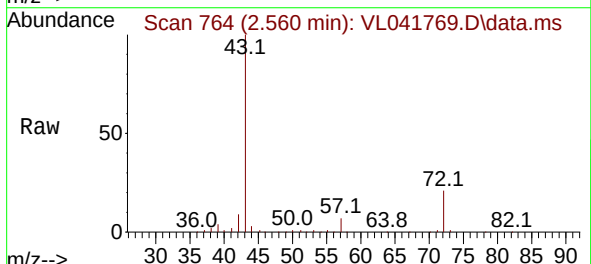
Delta R.T. 0.006 min

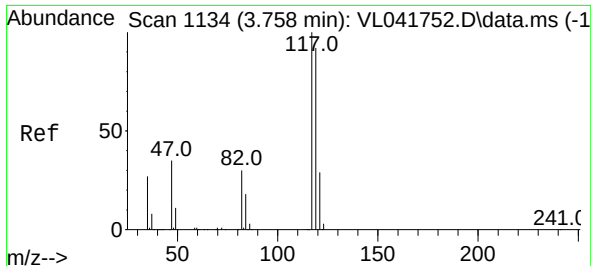
Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion: 43 Resp: 125372

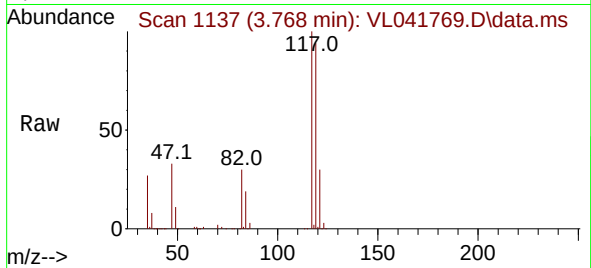
Ion	Ratio	Lower	Upper
43	100		
72	21.1	16.8	25.2





#35
Carbon Tetrachloride
Concen: 11.807 ppbv
RT: 3.768 min Scan# 1134
Delta R.T. 0.009 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

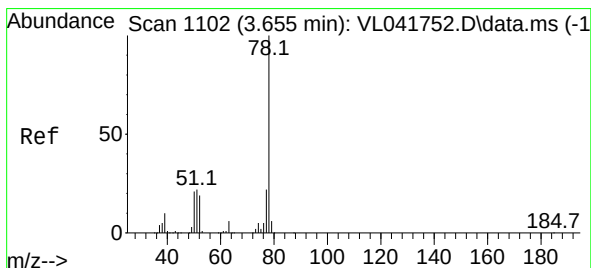
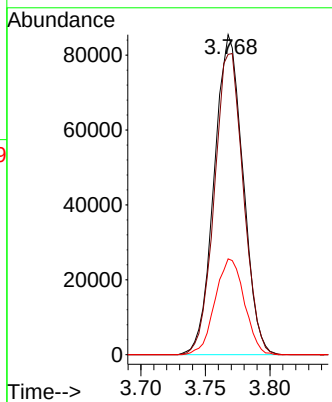
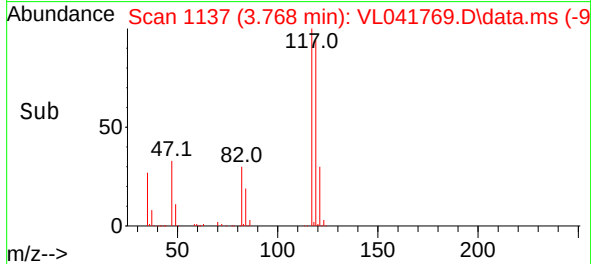
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 132719
Ion Ratio Lower Upper
117 100
119 93.9 73.7 110.5
121 30.0 23.0 34.4

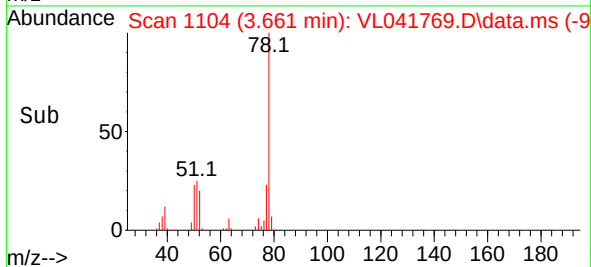
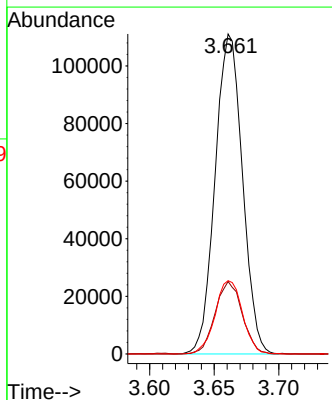
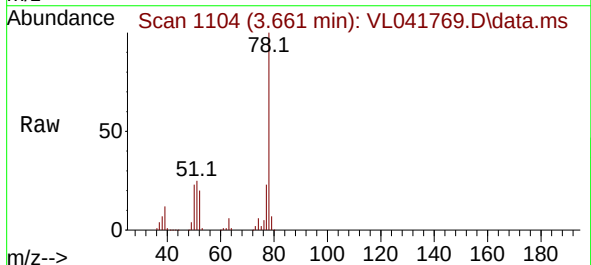
Manual Integrations
APPROVED

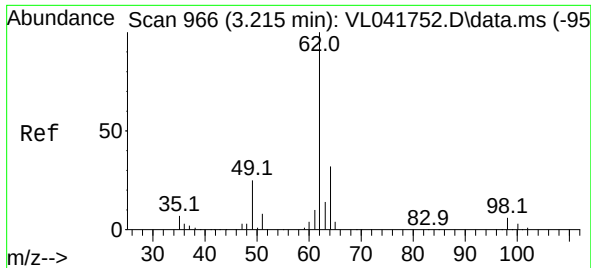
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#36
Benzene
Concen: 9.977 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion: 78 Resp: 163404
Ion Ratio Lower Upper
78 100
77 22.6 17.8 26.6
50 22.9 17.2 25.8





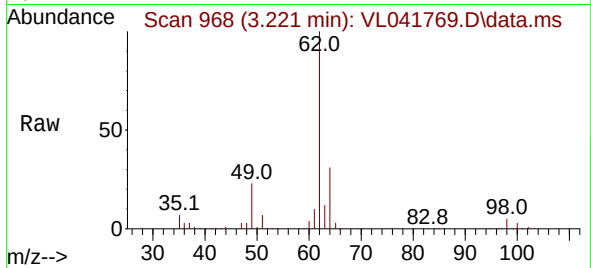
#37
1,2-Dichloroethane
Concen: 10.696 ppbv
RT: 3.221 min Scan# 90
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

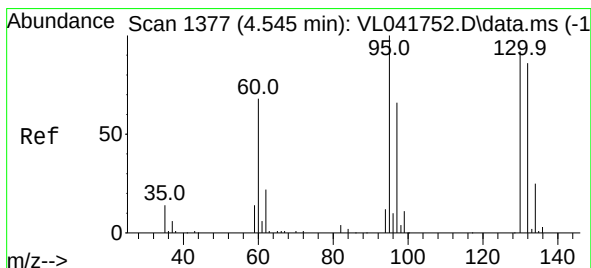
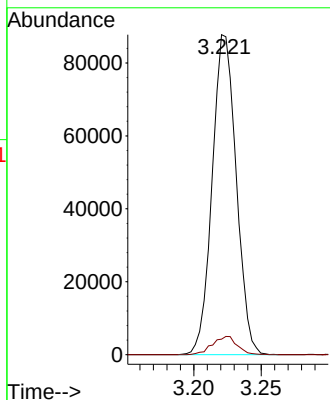
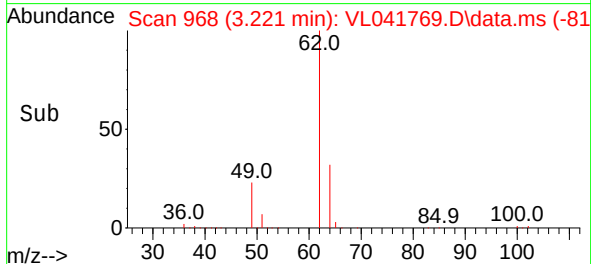


Tgt Ion: 62 Resp: 109008
Ion Ratio Lower Upper
62 100
98 5.9 4.7 7.1

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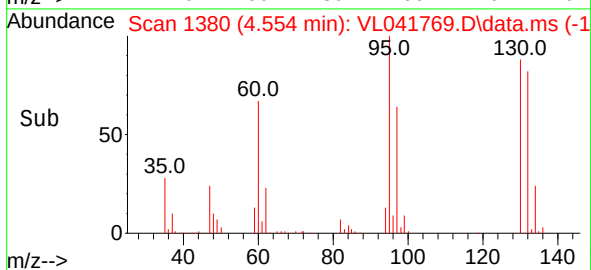
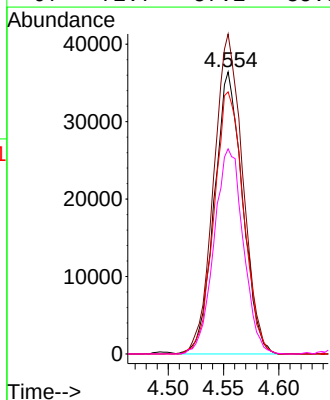
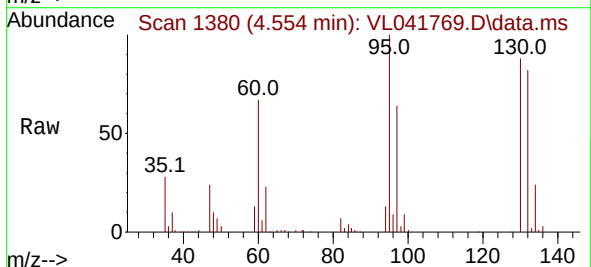
APPROVED

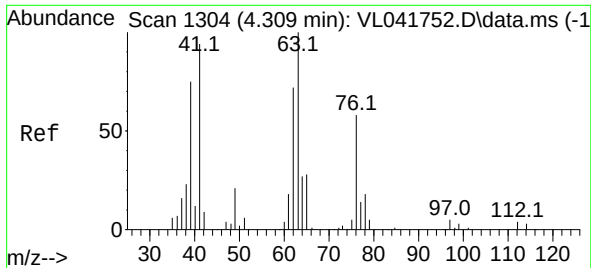
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Trichloroethene
Concen: 9.301 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.009 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion:130 Resp: 64661
Ion Ratio Lower Upper
130 100
95 113.4 87.0 130.6
132 92.9 75.0 112.6
97 72.7 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.797 ppbv

RT: 4.321 min Scan# 1308

Delta R.T. 0.012 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 5803

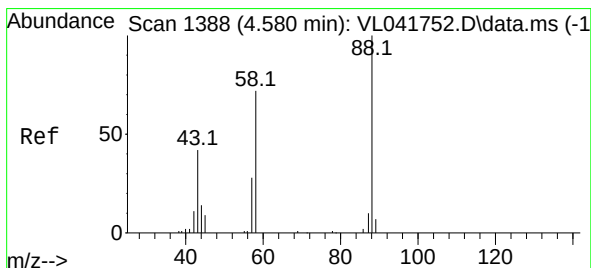
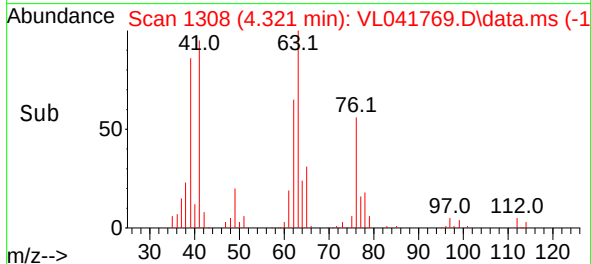
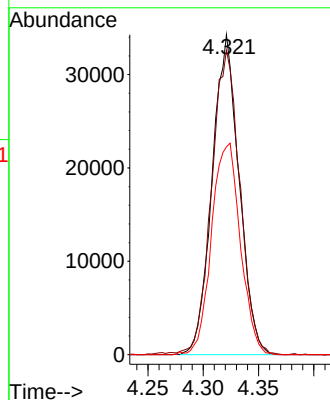
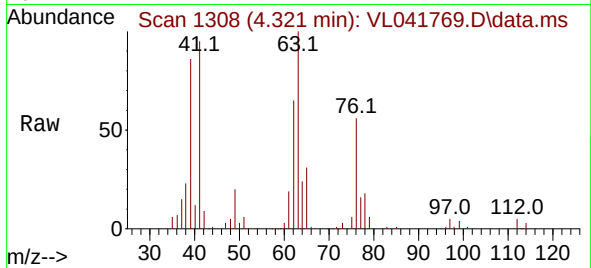
Ion	Ratio	Lower	Upper
63	100		
41	95.0	75.3	112.9
62	65.0	57.3	85.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#40

1,4-Dioxane

Concen: 8.588 ppbv

RT: 4.593 min Scan# 1392

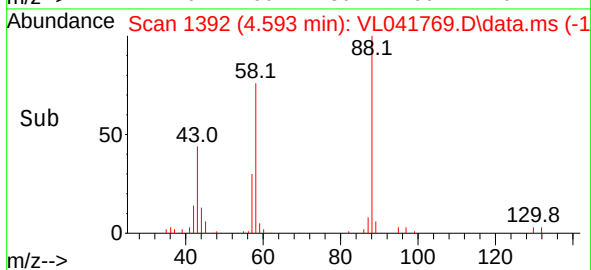
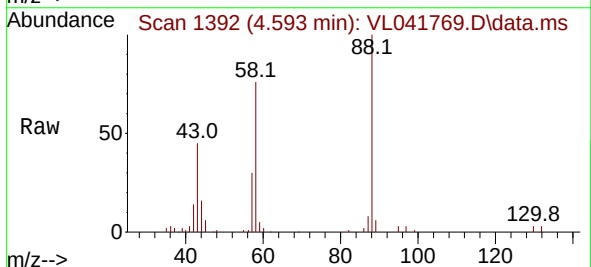
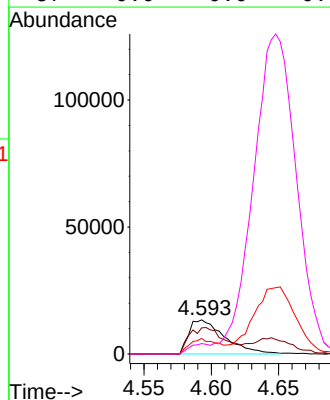
Delta R.T. 0.012 min

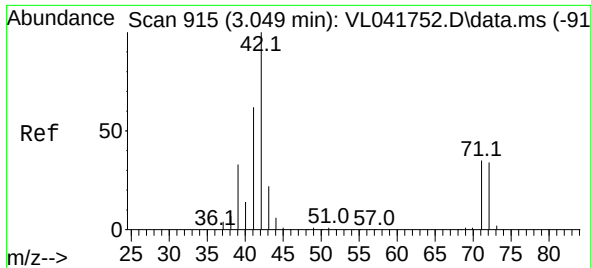
Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion: 88 Resp: 24851

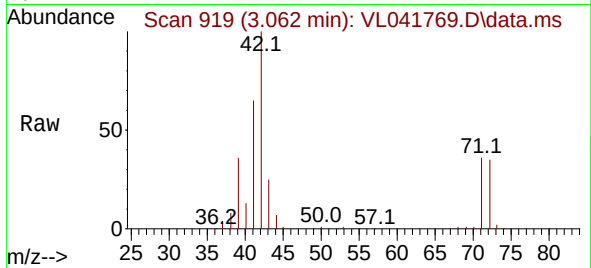
Ion	Ratio	Lower	Upper
88	100		
58	76.0	61.0	91.6
43	38.4	29.4	44.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 9.459 ppbv
RT: 3.062 min Scan# 915
Delta R.T. 0.012 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

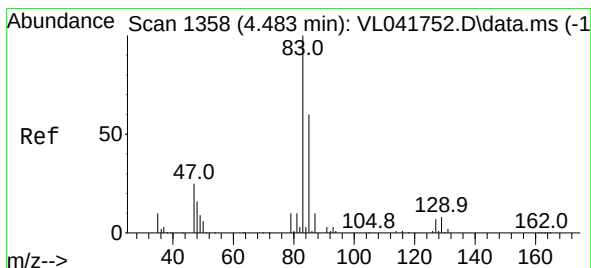
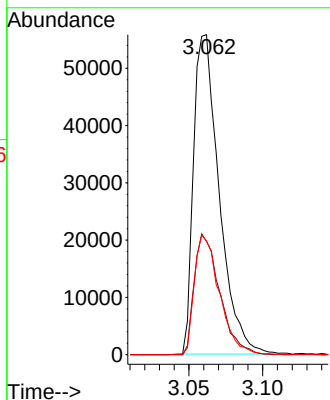
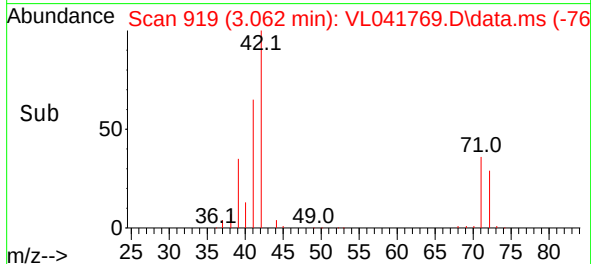
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



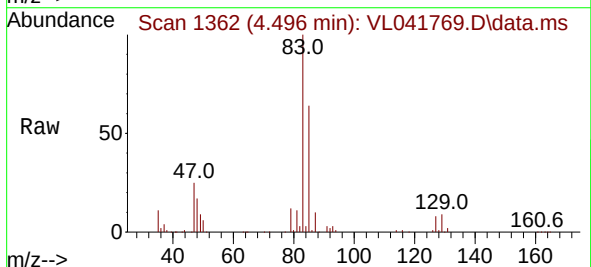
Tgt Ion: 42 Resp: 67500
Ion Ratio Lower Upper
42 100
72 37.5 29.1 43.7
71 36.5 28.4 42.6

Manual Integrations
APPROVED

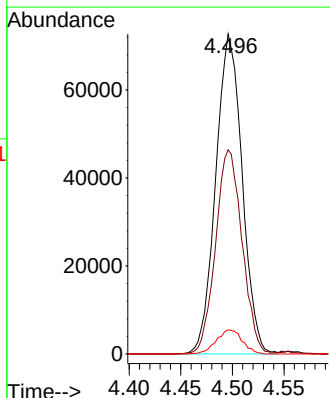
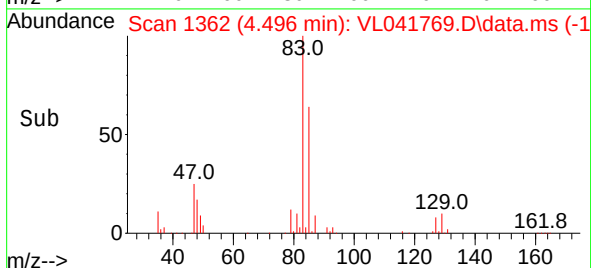
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

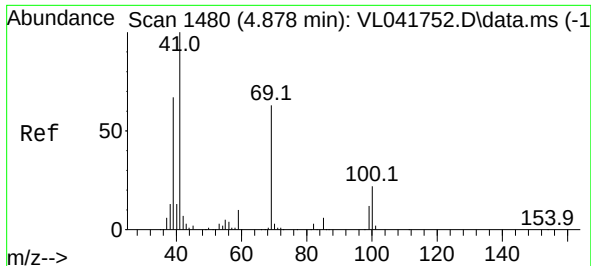


#42
Bromodichloromethane
Concen: 11.046 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.012 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59



Tgt Ion: 83 Resp: 129509
Ion Ratio Lower Upper
83 100
85 63.7 48.0 72.0
127 7.5 5.8 8.8





#43

Methyl Methacrylate

Concen: 10.236 ppbv

RT: 4.891 min Scan# 1480

Delta R.T. 0.012 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

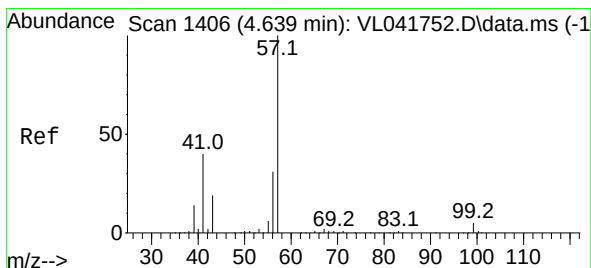
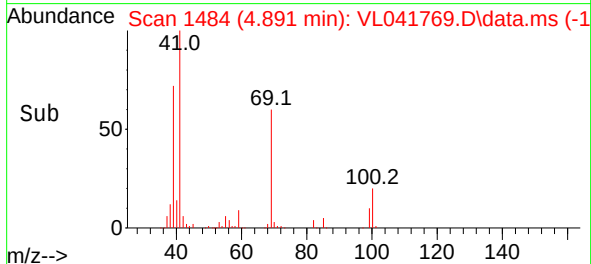
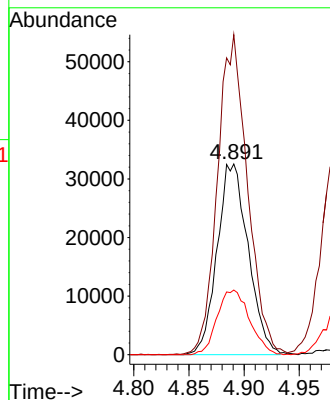
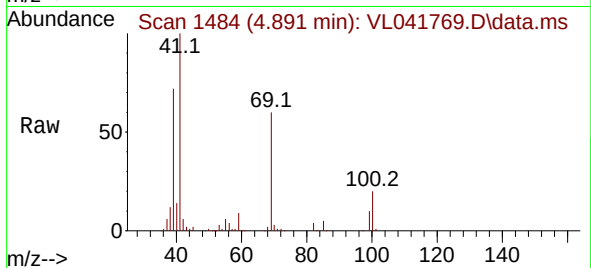
Tgt Ion: 69 Resp: 63870

Ion	Ratio	Lower	Upper
69	100		
41	0.0	130.3	195.5
100	0.0	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: 9.986 ppbv

RT: 4.648 min Scan# 1409

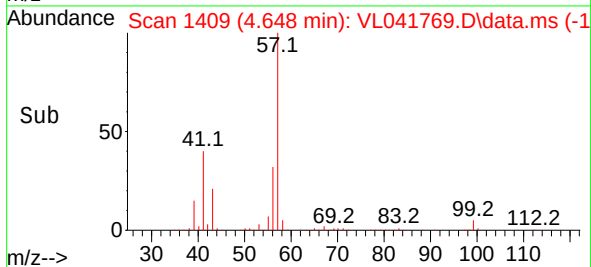
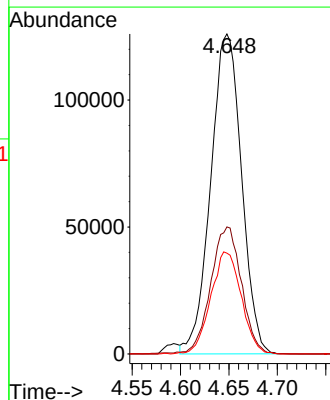
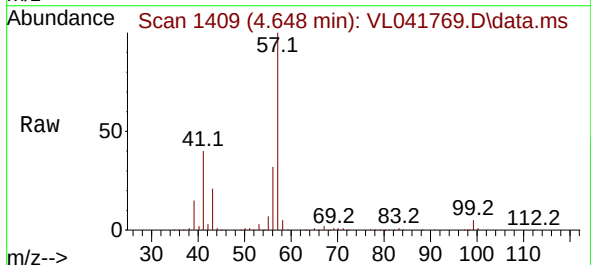
Delta R.T. 0.009 min

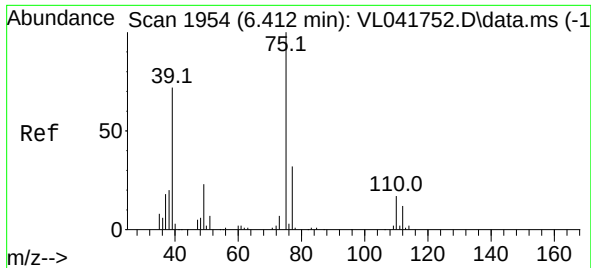
Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion: 57 Resp: 279312

Ion	Ratio	Lower	Upper
57	100		
41	39.7	30.7	46.1
56	31.6	25.4	38.0





#45

t-1,3-Dichloropropene

Concen: 9.841 ppbv

RT: 6.425 min Scan# 1954

Delta R.T. 0.012 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 6352

Ion Ratio Lower Upper

75 100

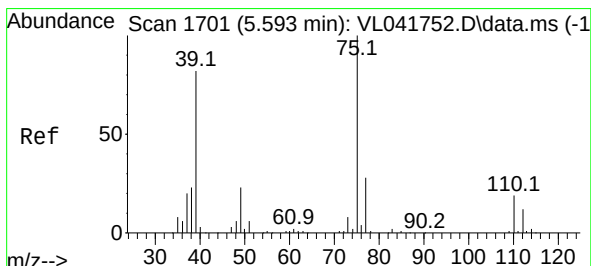
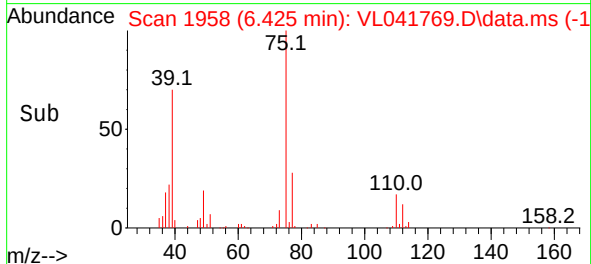
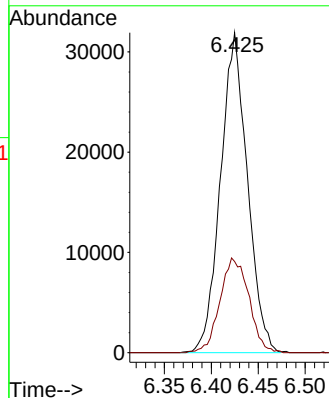
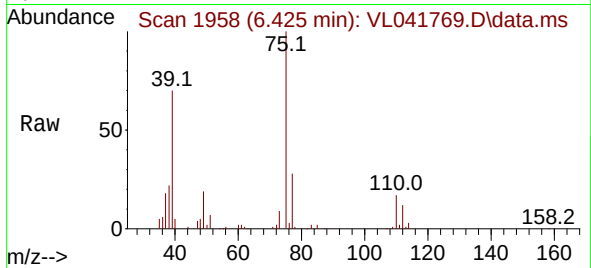
77 28.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#46

cis-1,3-Dichloropropene

Concen: 9.952 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. 0.016 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

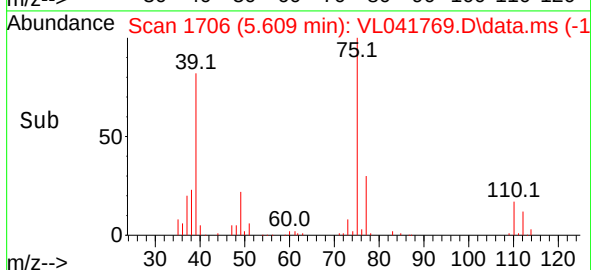
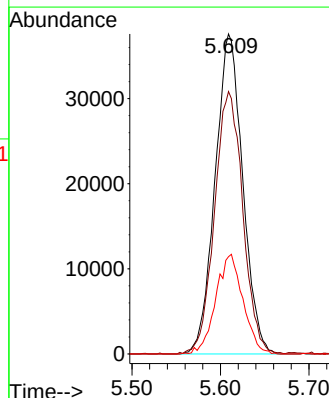
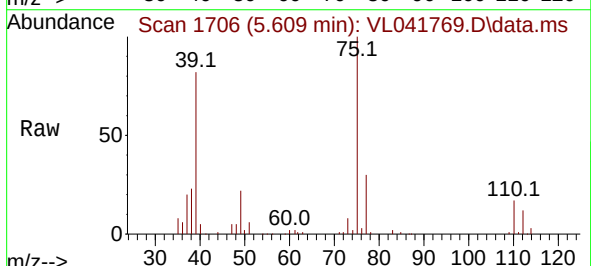
Tgt Ion: 75 Resp: 81552

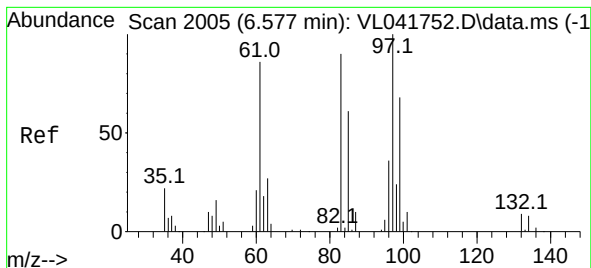
Ion Ratio Lower Upper

75 100

39 81.5 65.2 97.8

77 30.4 22.0 33.0





#47

1,1,2-Trichloroethane

Concen: 9.948 ppbv

RT: 6.590 min Scan# 2009

Delta R.T. 0.012 min

Lab File: VL041769.D

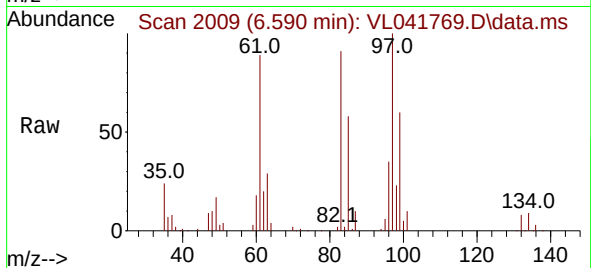
Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 6155

Ion Ratio Lower Upper

97 100

83 91.3 72.3 108.5

85 57.9 48.5 72.7

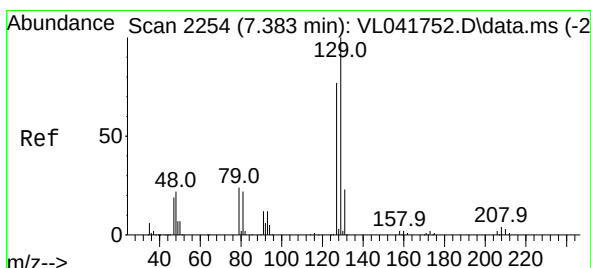
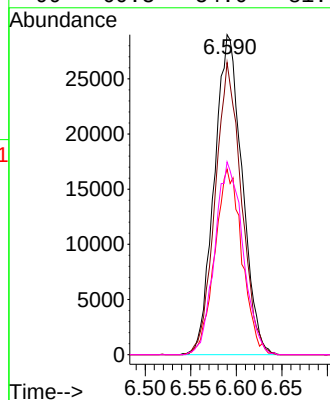
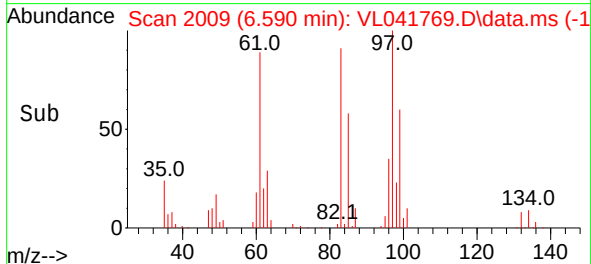
99 60.3 54.0 81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#48

Dibromochloromethane

Concen: 11.205 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.012 min

Lab File: VL041769.D

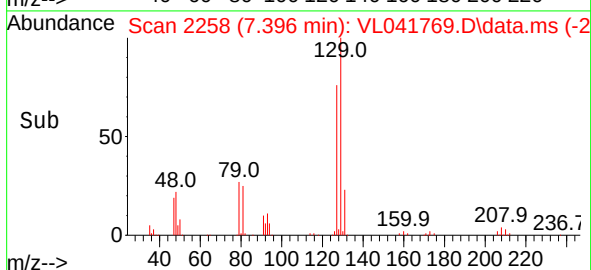
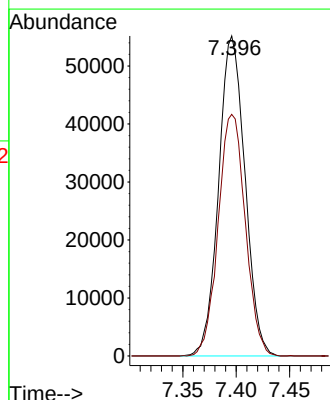
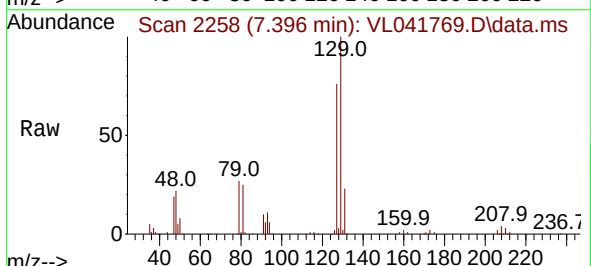
Acq: 17 Dec 2024 07:59

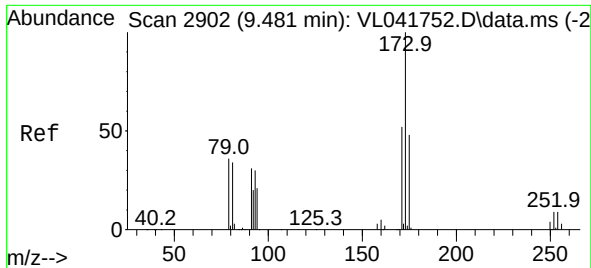
Tgt Ion:129 Resp: 94664

Ion Ratio Lower Upper

129 100

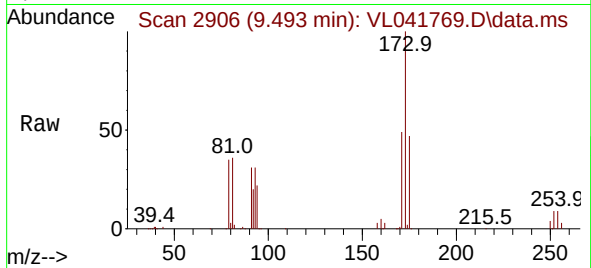
127 77.7 38.8 116.3





#49
Bromoform
Concen: 10.839 ppbv
RT: 9.493 min Scan# 2906
Delta R.T. 0.012 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

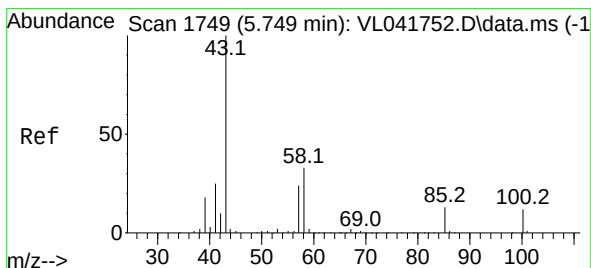
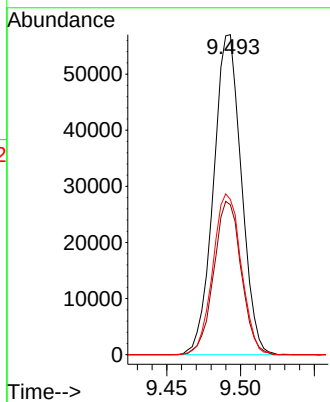
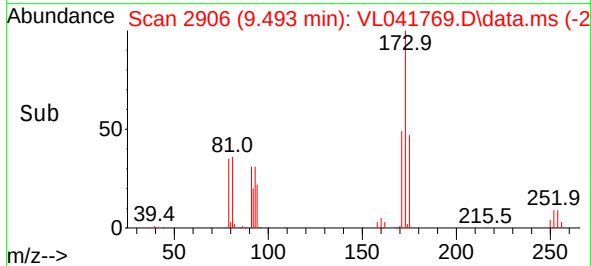
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 74960
Ion Ratio Lower Upper
173 100
175 47.3 38.2 57.2
171 51.2 41.1 61.7

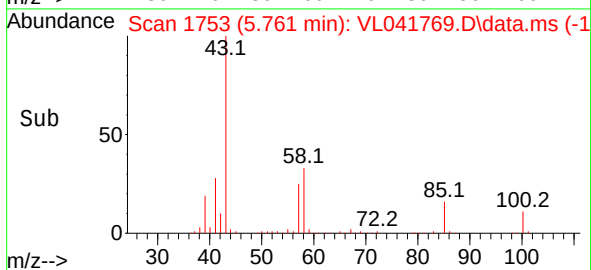
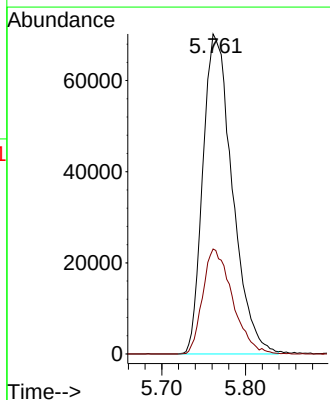
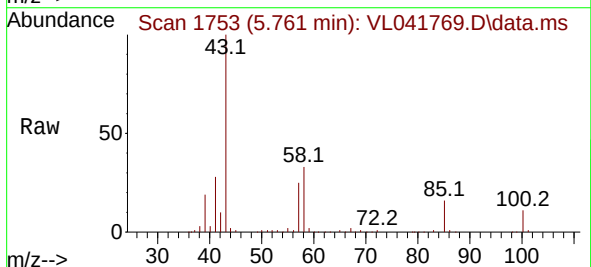
Manual Integrations
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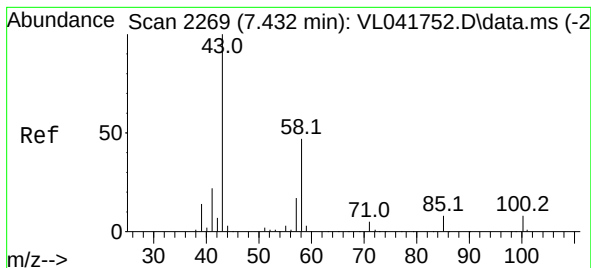
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
4-Methyl-2-Pentanone
Concen: 9.904 ppbv
RT: 5.761 min Scan# 1753
Delta R.T. 0.012 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion: 43 Resp: 171768
Ion Ratio Lower Upper
43 100
58 33.1 26.8 40.2





#51

2-Hexanone

Concen: 9.553 ppbv

RT: 7.448 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 13429

Ion Ratio Lower Upper

43 100

58 45.9 36.6 55.0

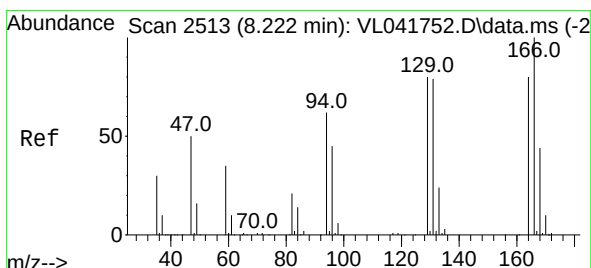
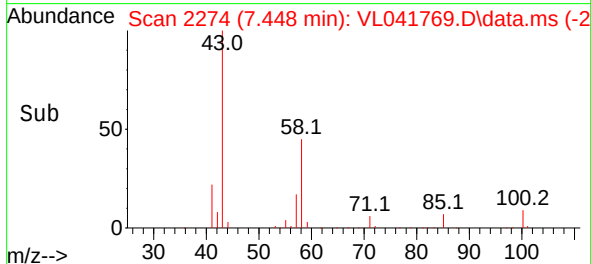
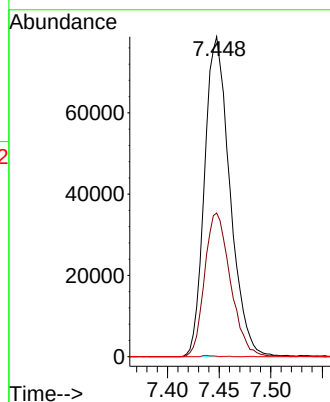
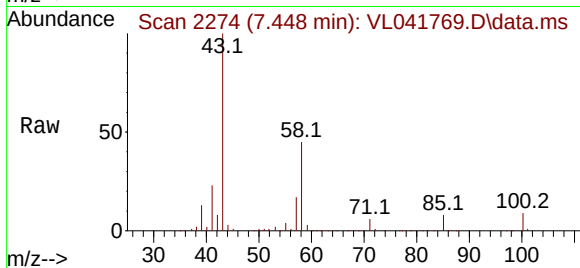
98 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#52

Tetrachloroethene

Concen: 8.950 ppbv

RT: 8.234 min Scan# 2517

Delta R.T. 0.012 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion:164 Resp: 54561

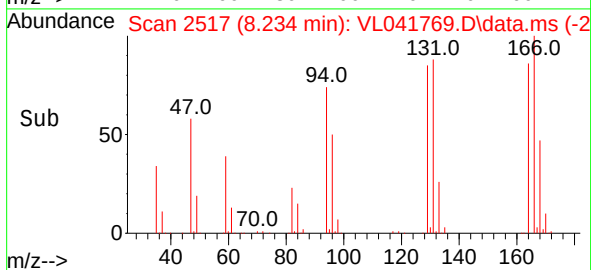
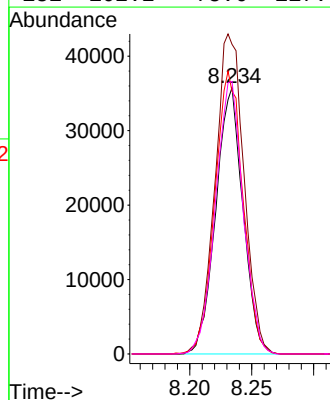
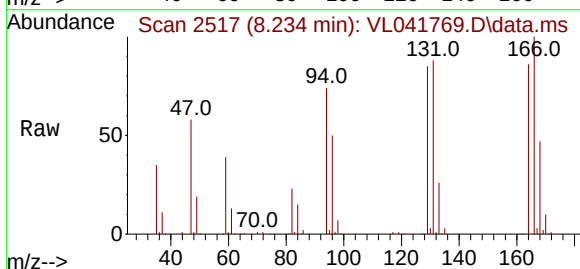
Ion Ratio Lower Upper

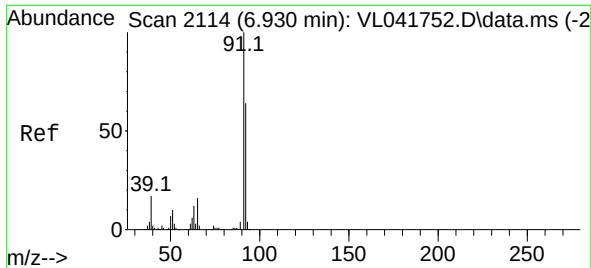
164 100

166 116.2 99.8 149.6

129 98.5 79.6 119.4

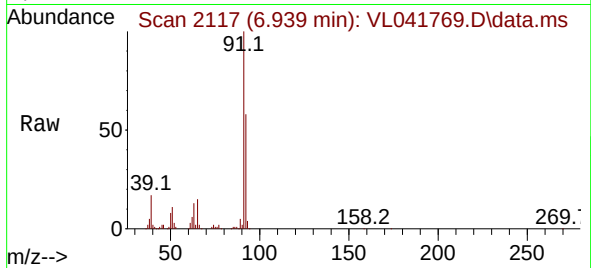
131 102.2 78.6 117.8





#53
Toluene
Concen: 9.685 ppbv
RT: 6.939 min Scan# 2114
Delta R.T. 0.009 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

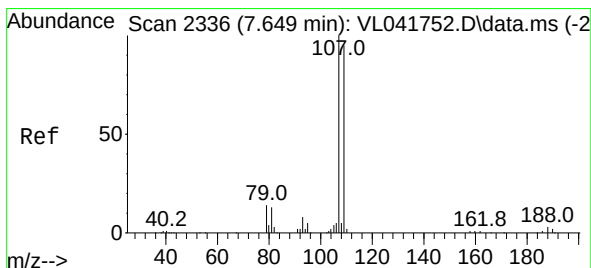
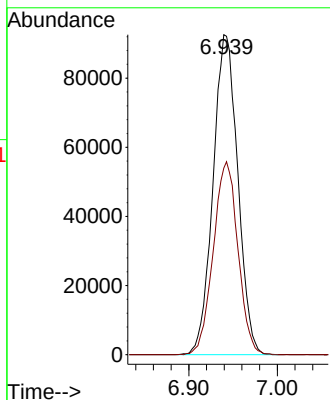
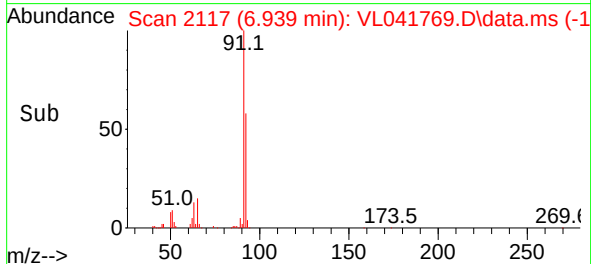
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 179836
Ion Ratio Lower Upper
91 100
92 60.0 47.9 71.9

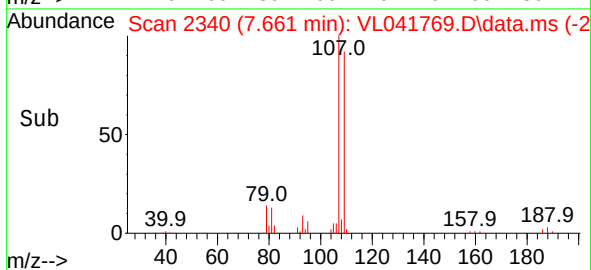
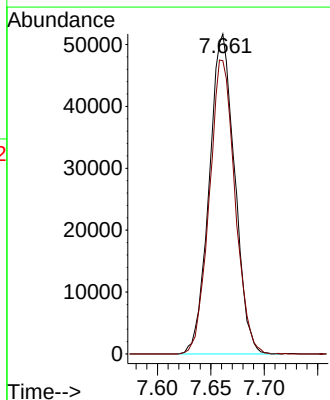
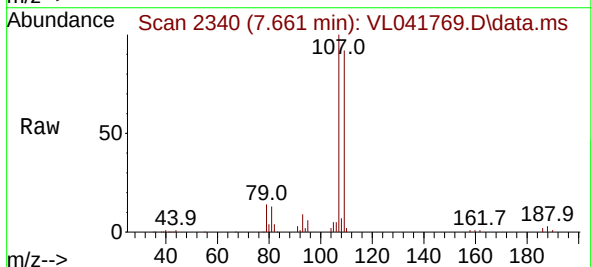
Manual Integrations
APPROVED

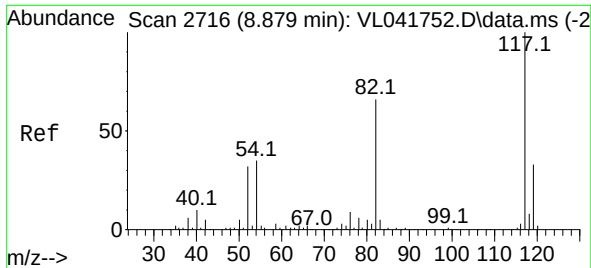
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#54
1,2-Dibromoethane
Concen: 10.054 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. 0.012 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion:107 Resp: 85711
Ion Ratio Lower Upper
107 100
109 91.7 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

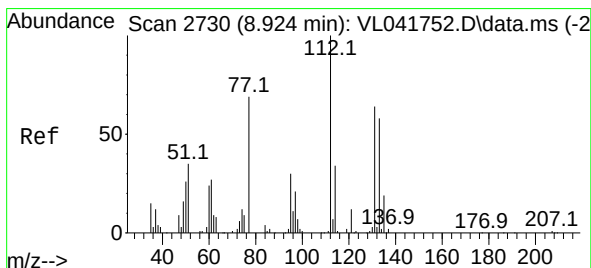
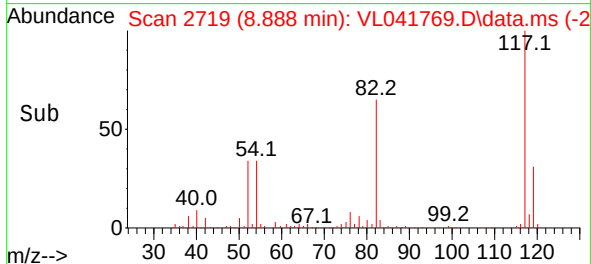
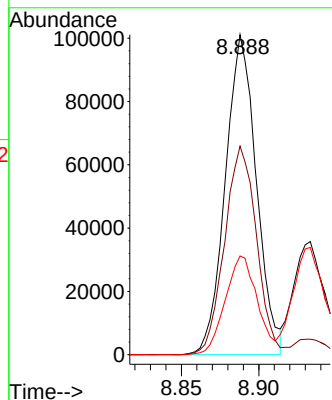
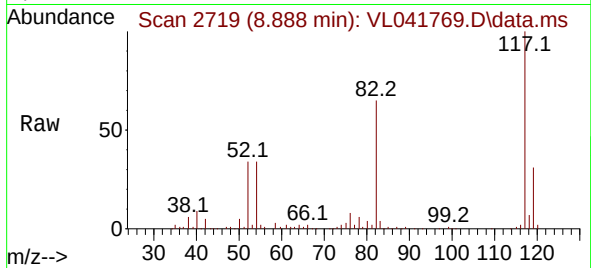
Tgt Ion:117 Resp: 141285

Ion	Ratio	Lower	Upper
117	100		
82	72.0	53.8	80.8
119	31.2	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: 10.470 ppbv

RT: 8.933 min Scan# 2733

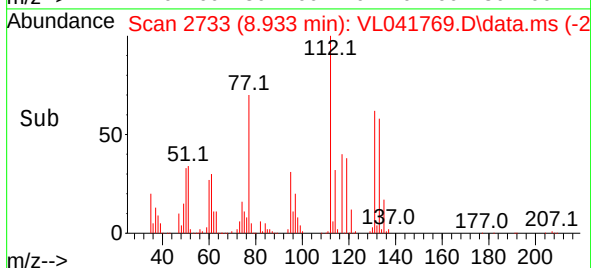
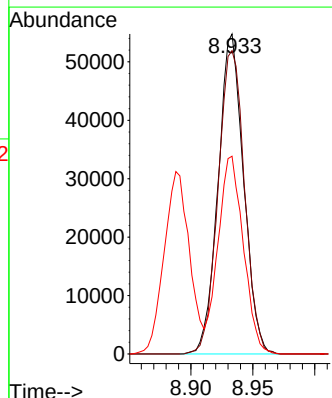
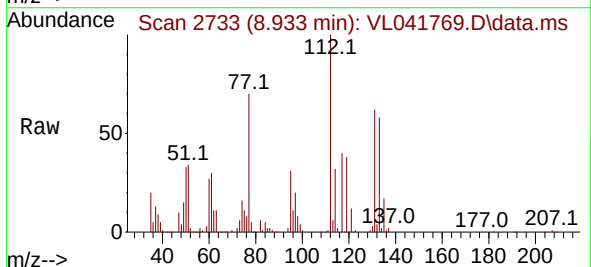
Delta R.T. 0.009 min

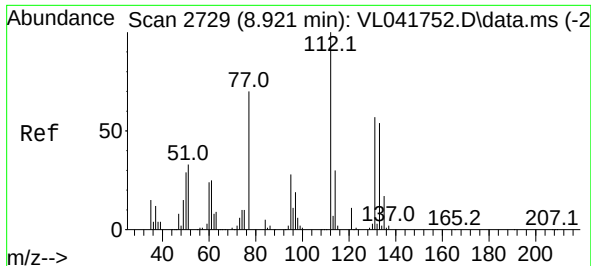
Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion:131 Resp: 78423

Ion	Ratio	Lower	Upper
131	100		
133	98.3	76.8	115.2
119	62.5	49.0	73.6





#57

Chlorobenzene

Concen: 9.573 ppbv

RT: 8.930 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

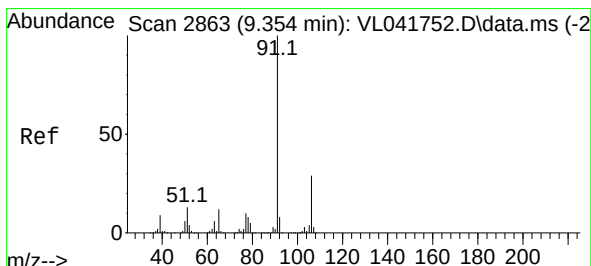
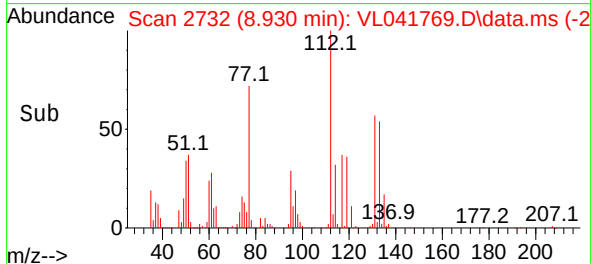
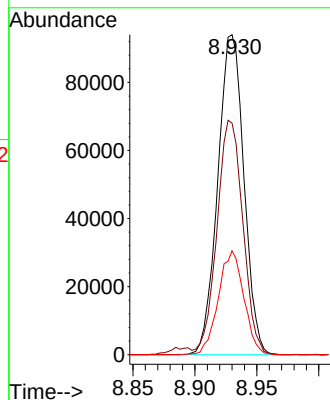
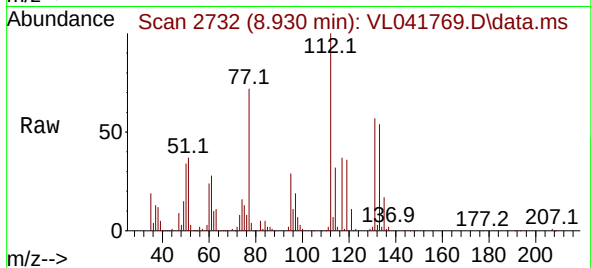
VSTDCCC010EC

Tgt Ion:	112	Resp:	13840
Ion Ratio	Lower	Upper	
112	100		
77	72.3	57.4	86.0
114	32.4	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: 9.989 ppbv

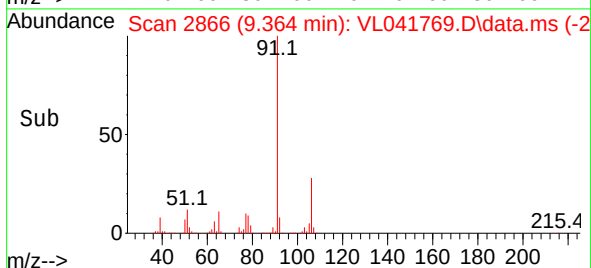
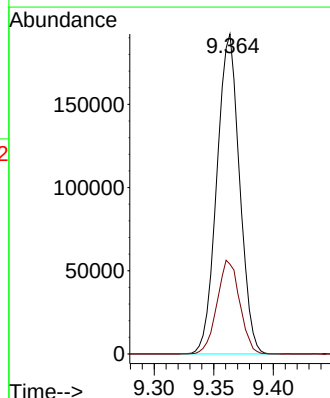
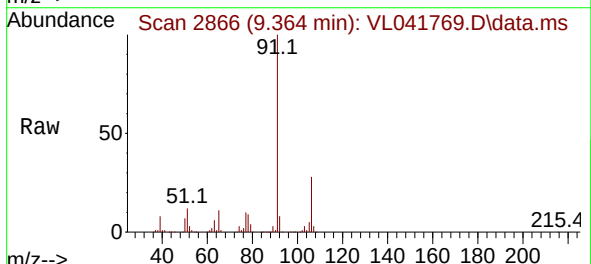
RT: 9.364 min Scan# 2866

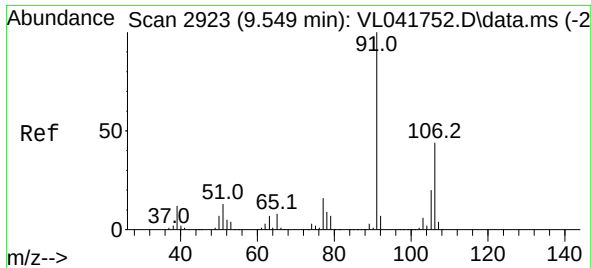
Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion:	91	Resp:	254090
Ion Ratio	Lower	Upper	
91	100		
106	28.1	23.5	35.3





#59

m/p-Xylene

Concen: 19.994 ppbv m

RT: 9.558 min Scan# 2923

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 408912

Ion Ratio Lower Upper

91 100

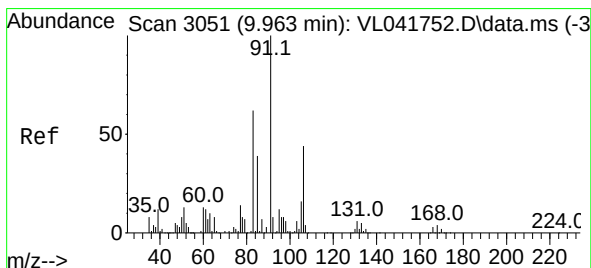
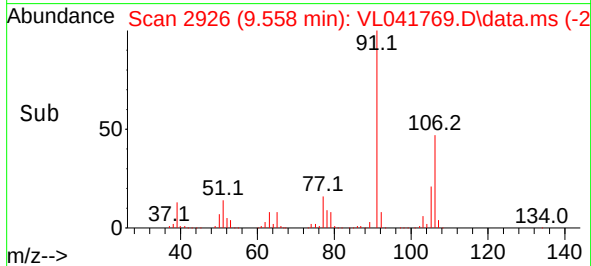
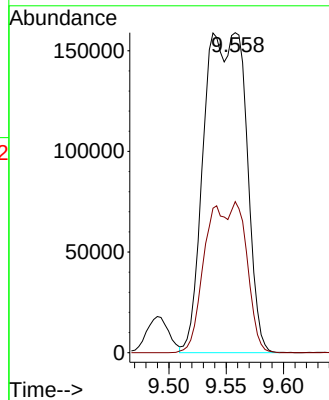
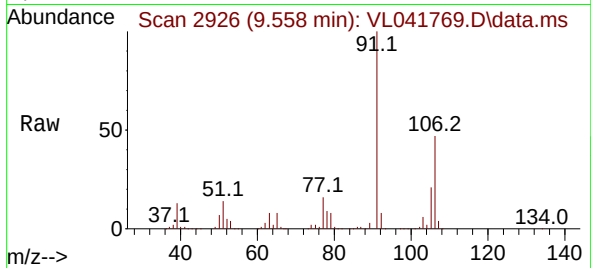
106 45.3 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#60

o-Xylene

Concen: 10.006 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.009 min

Lab File: VL041769.D

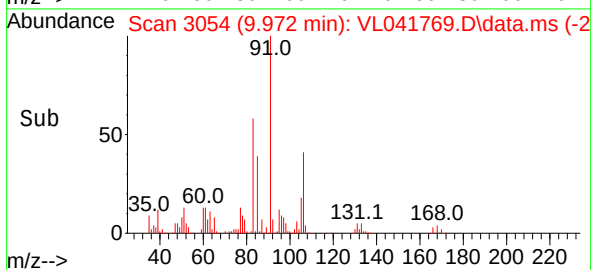
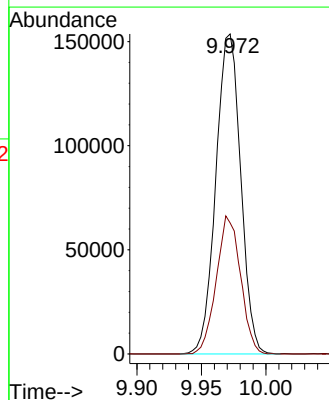
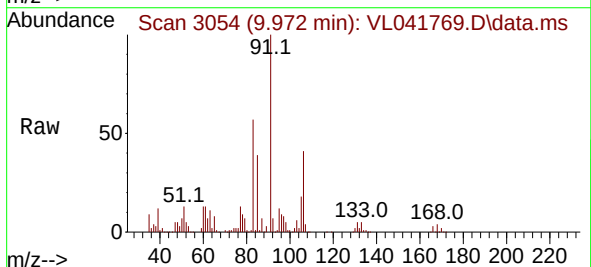
Acq: 17 Dec 2024 07:59

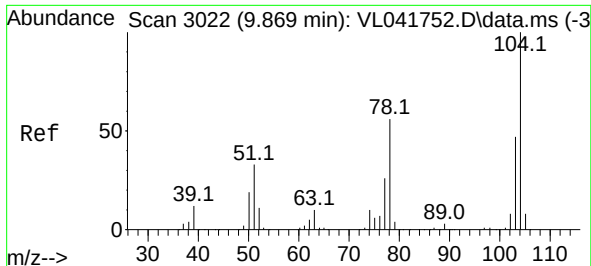
Tgt Ion: 91 Resp: 205223

Ion Ratio Lower Upper

91 100

106 42.1 21.1 63.4





#61
Styrene
Concen: 10.401 ppbv
RT: 9.878 min Scan# 3022
Delta R.T. 0.009 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

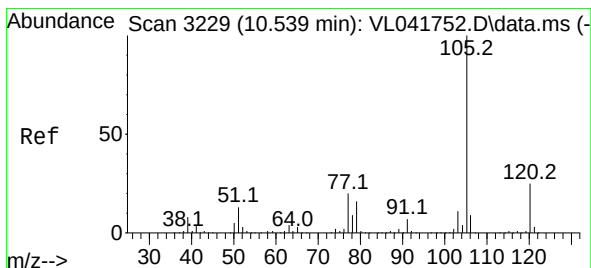
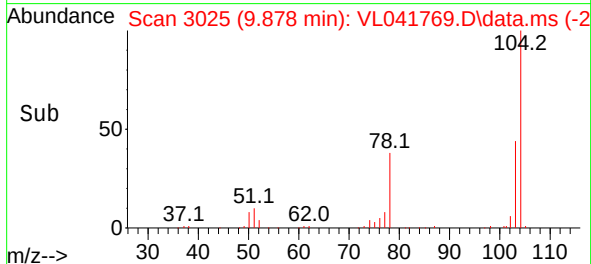
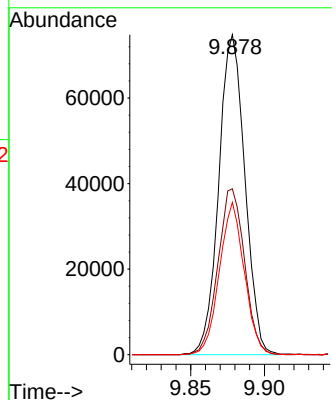
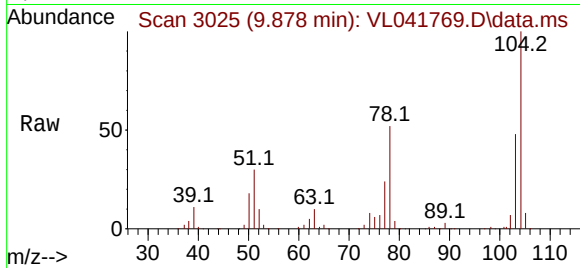
VSTDCCC010EC

Tgt Ion:104 Resp: 92239
Ion Ratio Lower Upper
104 100
78 53.0 43.8 65.6
103 45.4 37.8 56.6

Manual Integrations

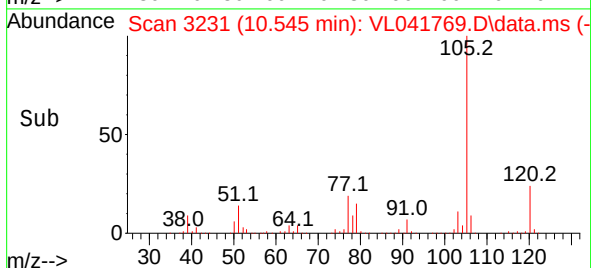
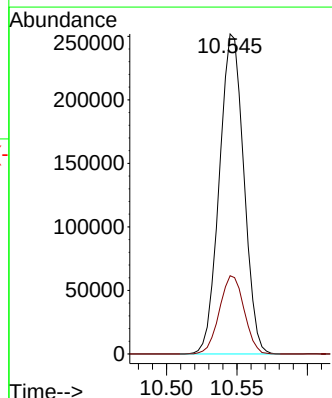
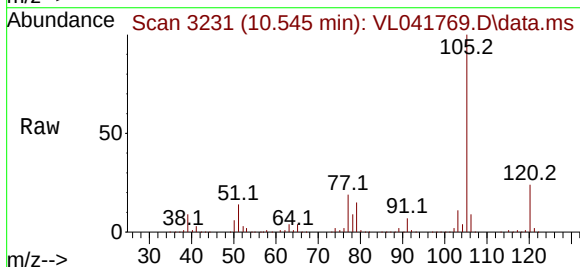
APPROVED

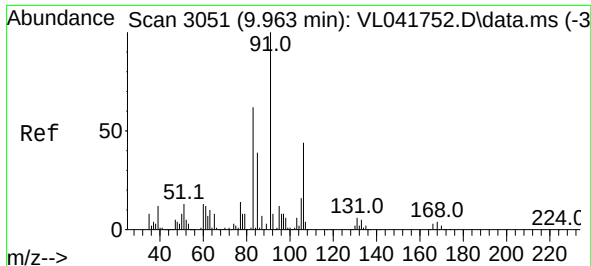
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#62
Isopropylbenzene
Concen: 9.878 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion:105 Resp: 304398
Ion Ratio Lower Upper
105 100
120 24.7 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 9.121 ppbv

RT: 9.969 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL041769.D

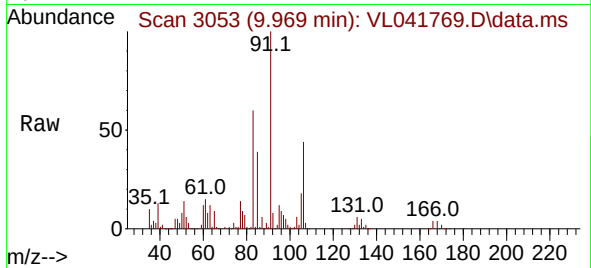
Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



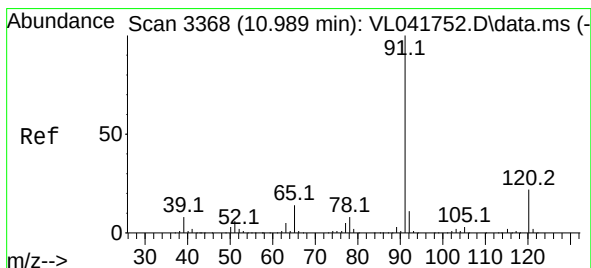
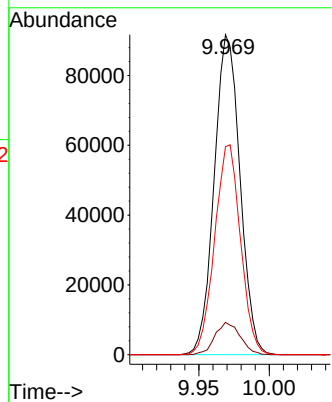
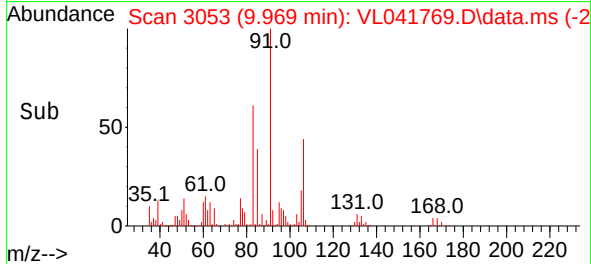
Tgt Ion:	83	Resp:	11709
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	65.7	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#64

n-propylbenzene

Concen: 9.686 ppbv

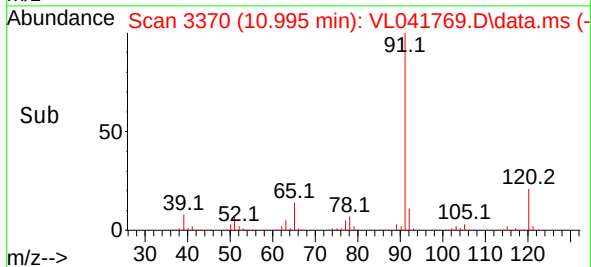
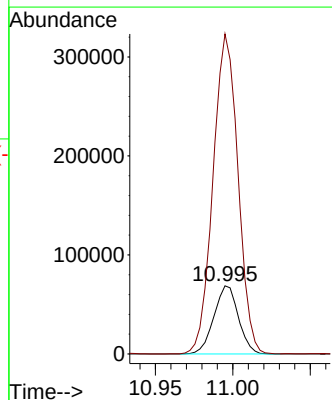
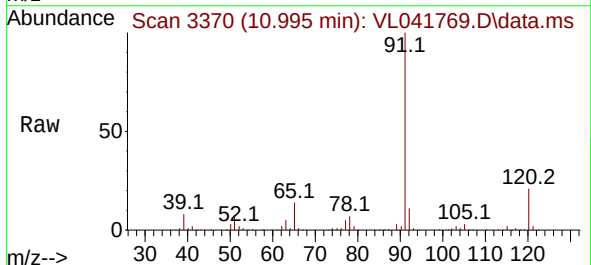
RT: 10.995 min Scan# 3370

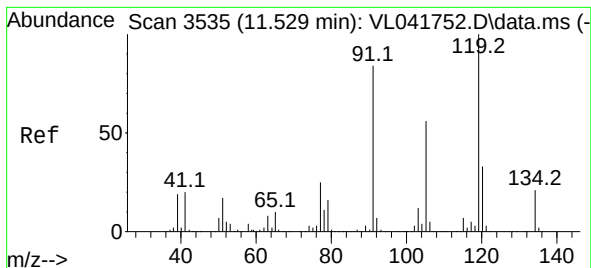
Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

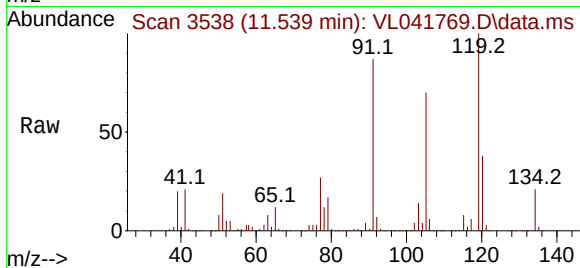
Tgt Ion:	120	Resp:	75463
Ion Ratio	Lower	Upper	
120	100		
91	480.7	387.3	580.9





#65
tert-Butylbenzene
Concen: 9.590 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.009 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

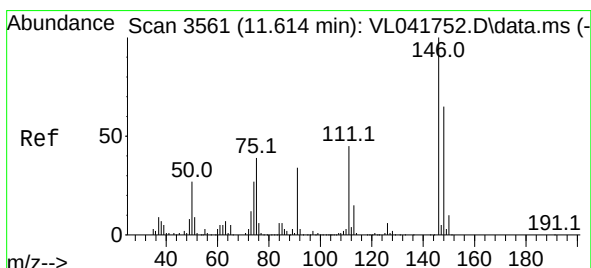
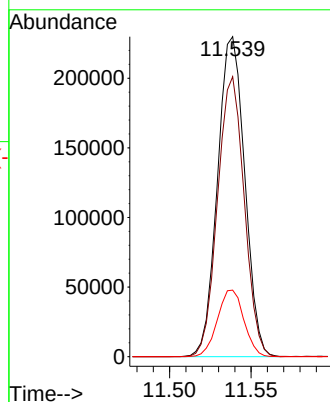
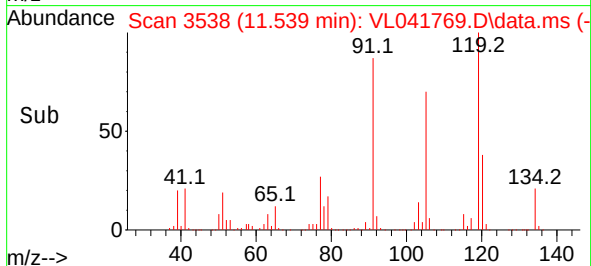
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



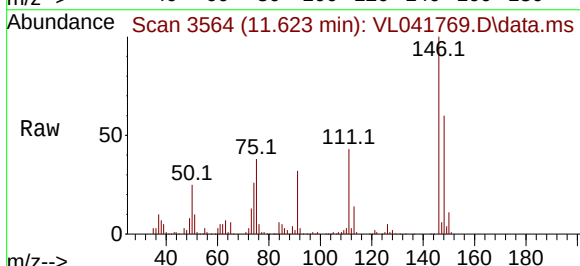
Tgt Ion:119 Resp: 26661
Ion Ratio Lower Upper
119 100
91 85.7 67.0 100.4
134 20.3 16.5 24.7

Manual Integrations
APPROVED

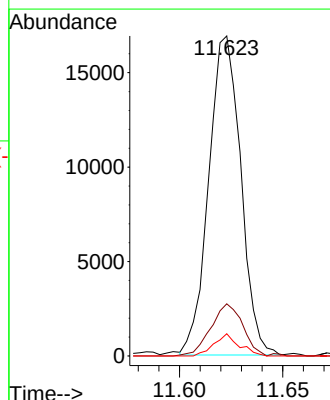
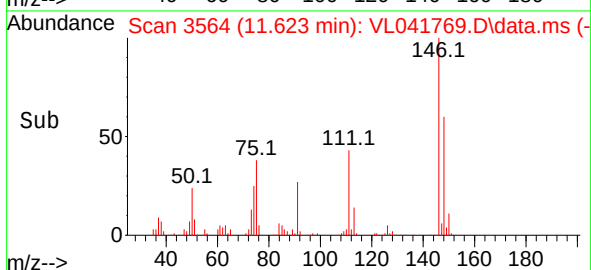
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

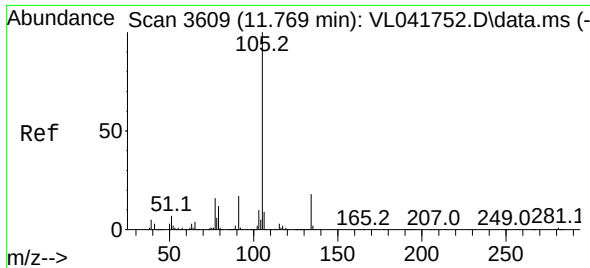


#66
Benzyl Chloride
Concen: 7.447 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.009 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59



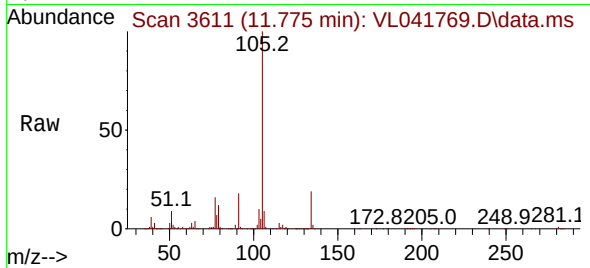
Tgt Ion: 91 Resp: 18237
Ion Ratio Lower Upper
91 100
126 16.5 13.9 20.9
128 5.4 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.530 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.006 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

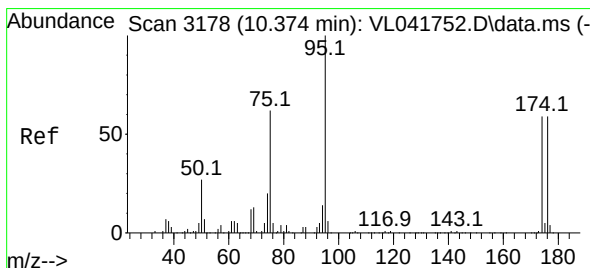
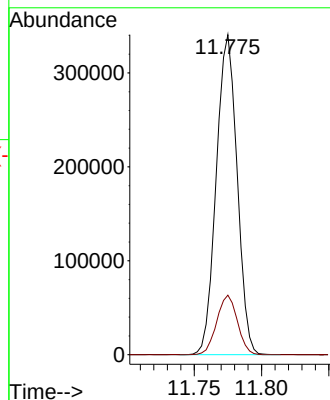
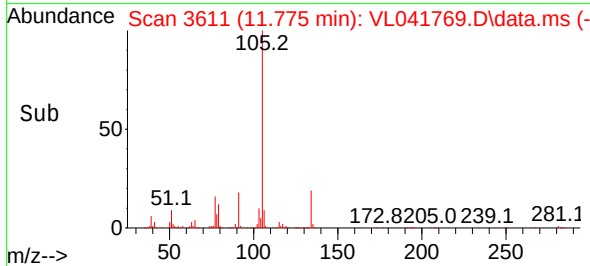
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



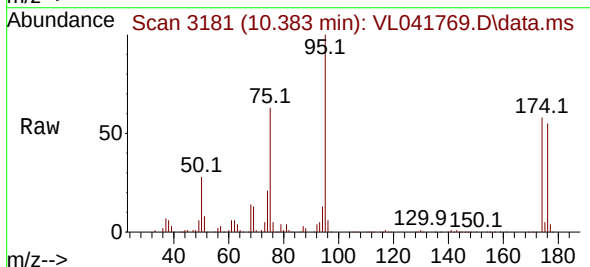
Tgt Ion:105 Resp: 366653
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.5 21.7

Manual Integrations
 APPROVED

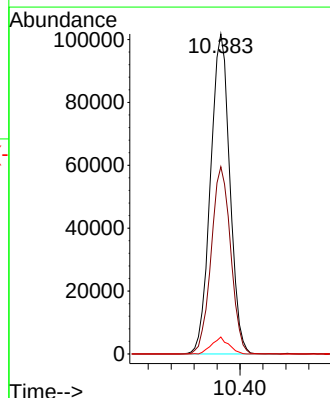
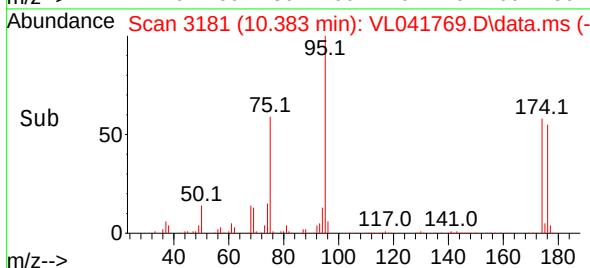
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

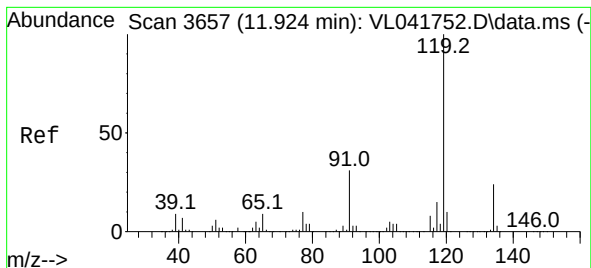


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.082 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.009 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59



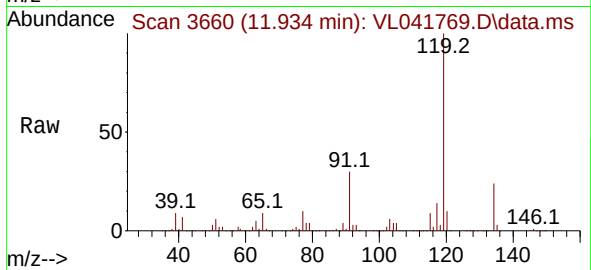
Tgt Ion: 95 Resp: 118706
 Ion Ratio Lower Upper
 95 100
 174 59.1 47.6 71.4
 175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 9.273 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.009 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

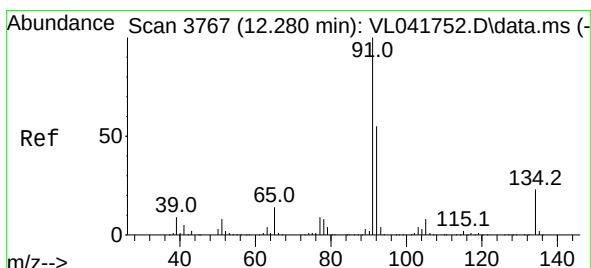
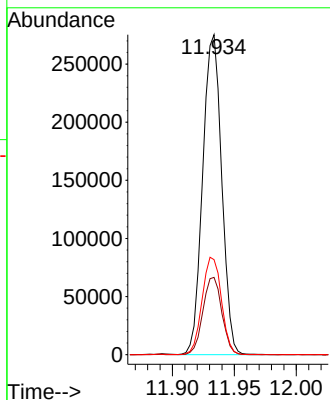
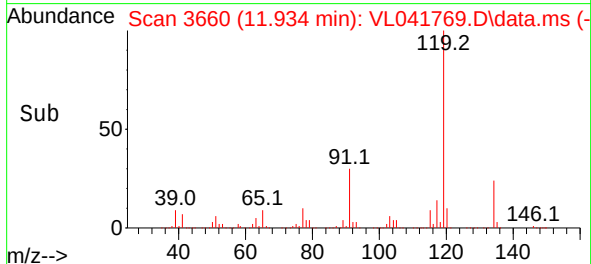
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



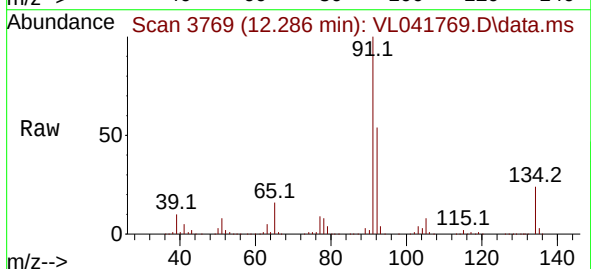
Tgt Ion:119 Resp: 29399
Ion Ratio Lower Upper
119 100
134 24.2 19.6 29.4
91 31.1 24.4 36.6

Manual Integrations
APPROVED

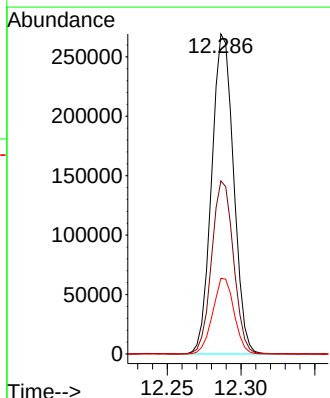
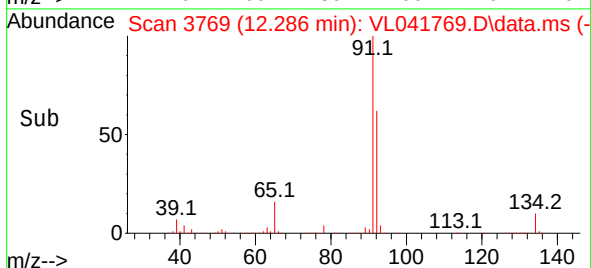
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

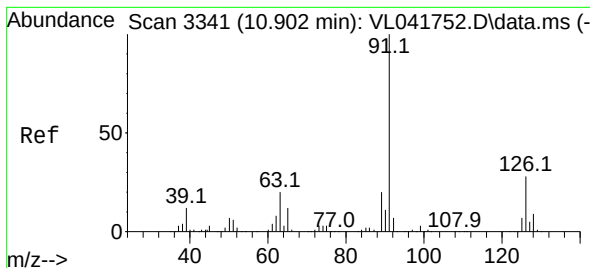


#70
n-Butylbenzene
Concen: 9.087 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59



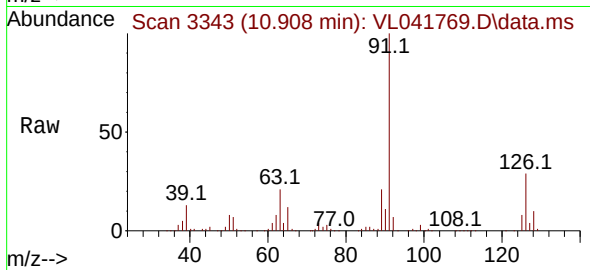
Tgt Ion: 91 Resp: 278374
Ion Ratio Lower Upper
91 100
92 54.0 43.2 64.8
134 23.1 18.2 27.4





#71
2-Chlorotoluene
Concen: 9.372 ppbv
RT: 10.908 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

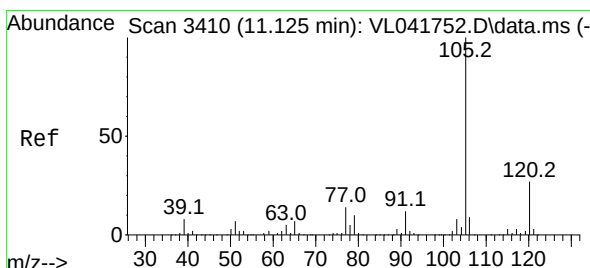
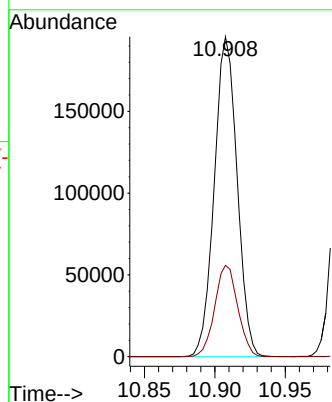
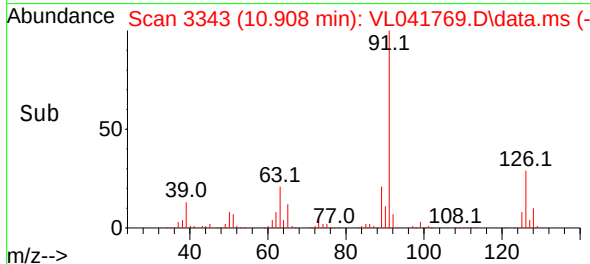
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



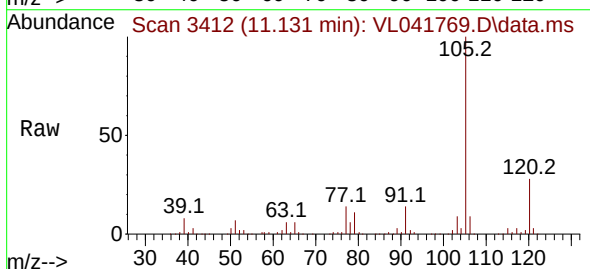
Tgt Ion: 91 Resp: 22043
Ion Ratio Lower Upper
91 100
126 28.8 11.6 46.4

Manual Integrations
APPROVED

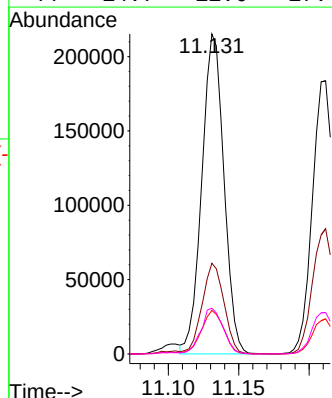
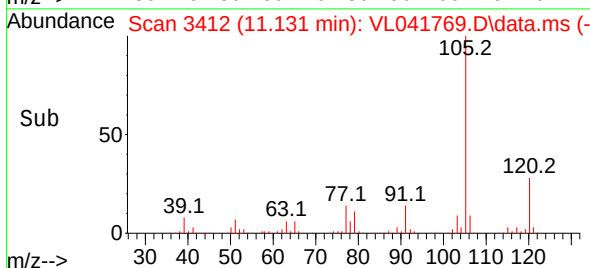
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

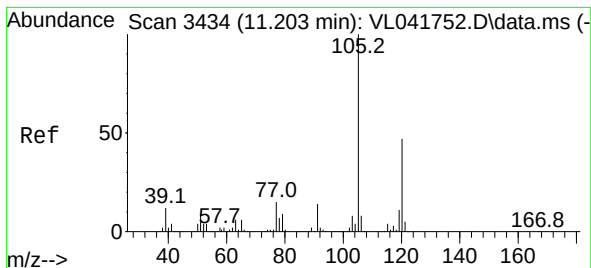


#72
4-Ethyltoluene
Concen: 9.718 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59



Tgt Ion:105 Resp: 235268
Ion Ratio Lower Upper
105 100
120 28.9 23.3 34.9
91 14.3 10.9 16.3
77 14.7 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.048 ppbv

RT: 11.212 min Scan# 3437

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 20180

Ion Ratio Lower Upper

105 100

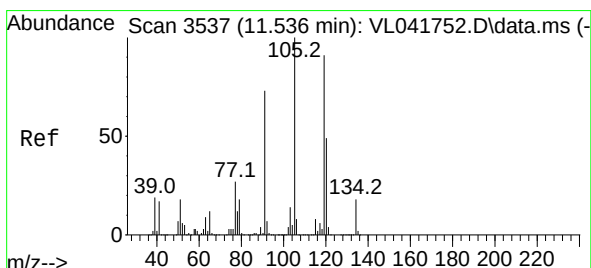
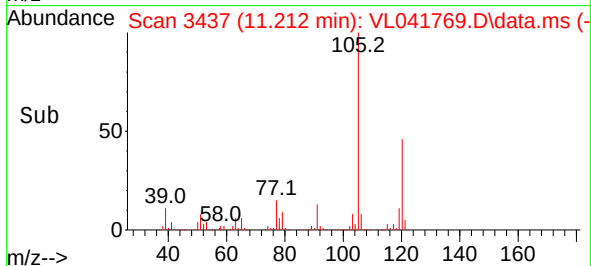
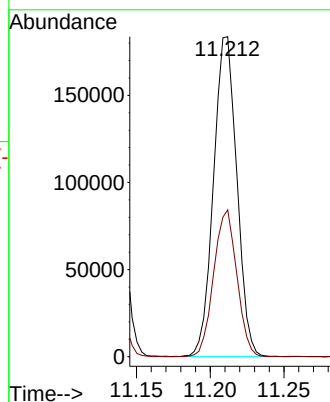
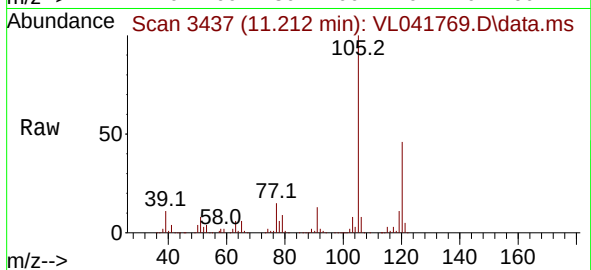
120 45.9 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.828 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion:105 Resp: 212268

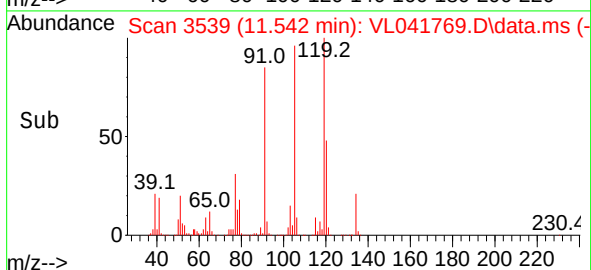
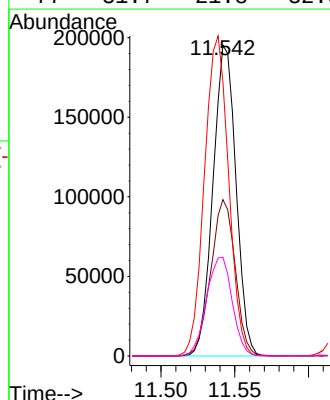
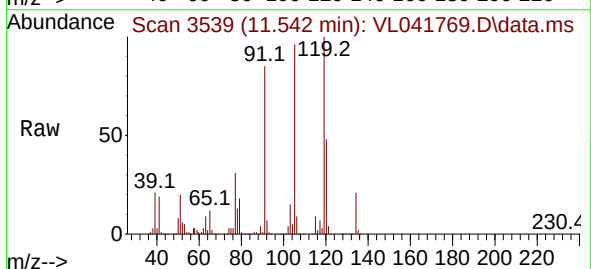
Ion Ratio Lower Upper

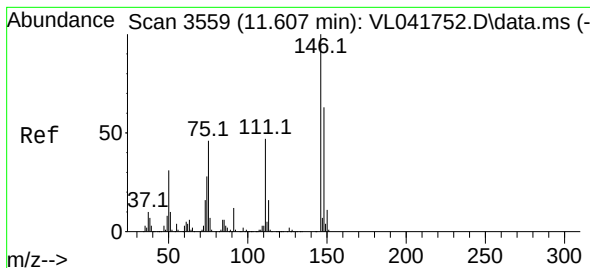
105 100

120 50.2 39.0 58.4

91 88.2 58.1 87.1#

77 31.7 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 8.682 ppbv

RT: 11.613 min Scan# 3559

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

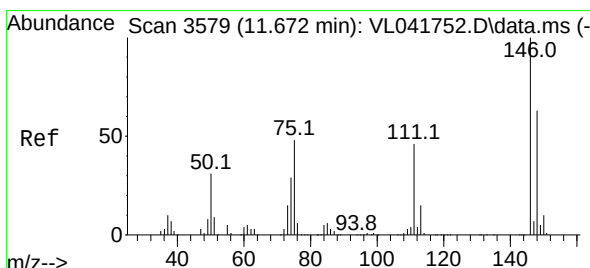
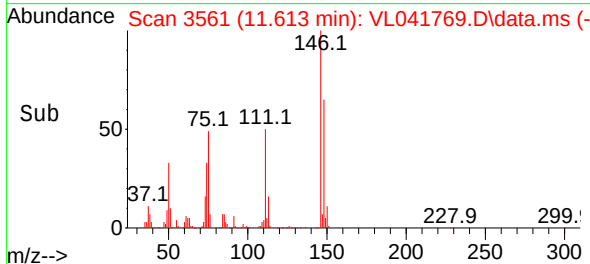
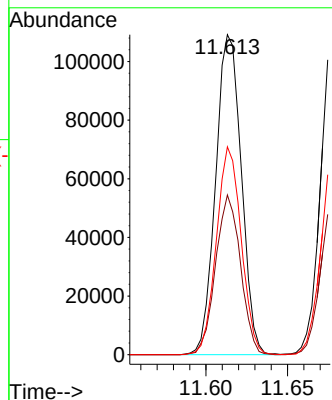
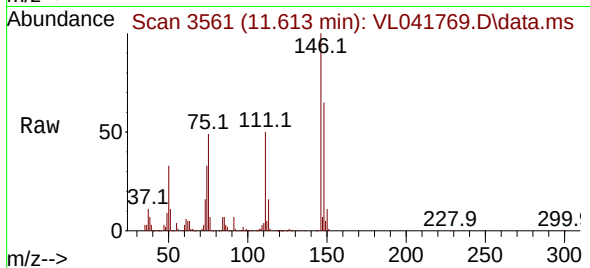
Tgt Ion:146 Resp: 119550

Ion	Ratio	Lower	Upper
146	100		
111	48.4	23.4	70.3
148	62.8	31.6	95.0

Manual Integrations

APPROVED

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



#76

1,4-Dichlorobenzene

Concen: 8.588 ppbv

RT: 11.678 min Scan# 3581

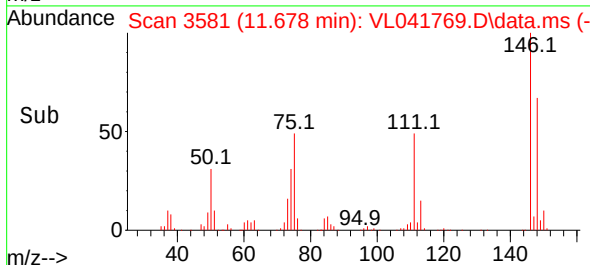
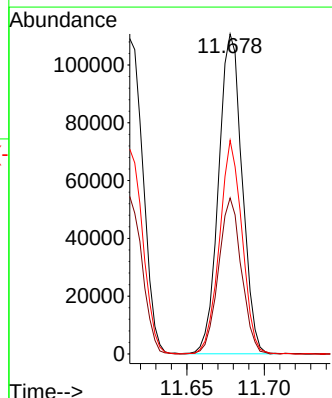
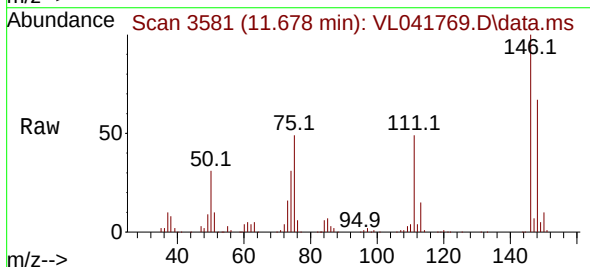
Delta R.T. 0.006 min

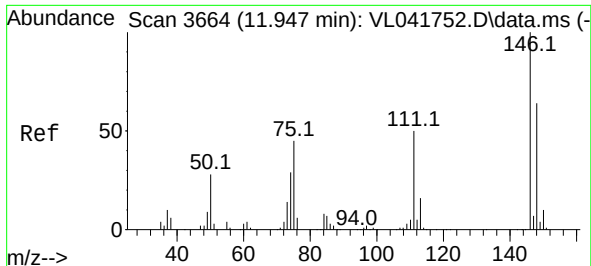
Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion:146 Resp: 116827

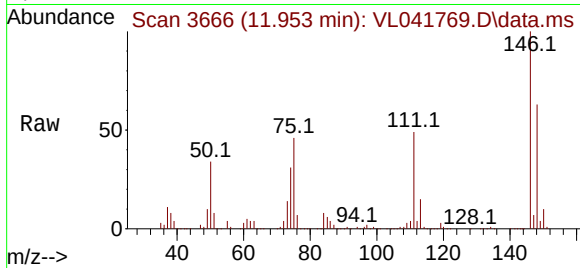
Ion	Ratio	Lower	Upper
146	100		
111	47.6	22.7	68.1
148	64.1	31.4	94.0





#77
1,2-Dichlorobenzene
Concen: 8.549 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

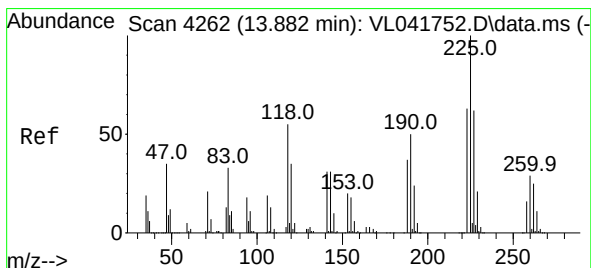
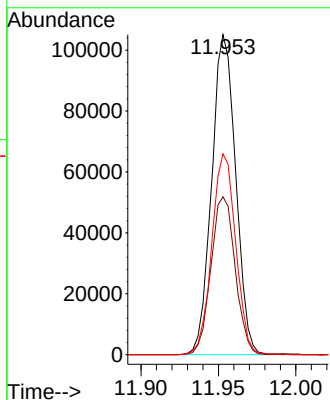
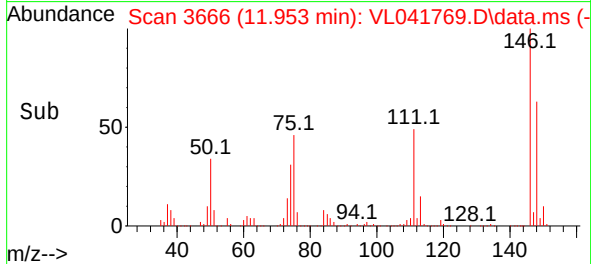
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 11327
Ion Ratio Lower Upper
146 100
111 49.8 24.8 74.3
148 62.4 31.8 95.4

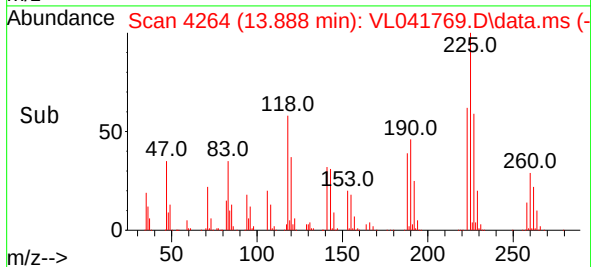
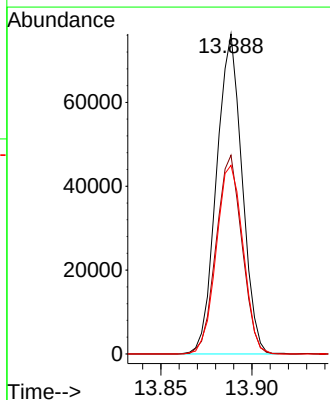
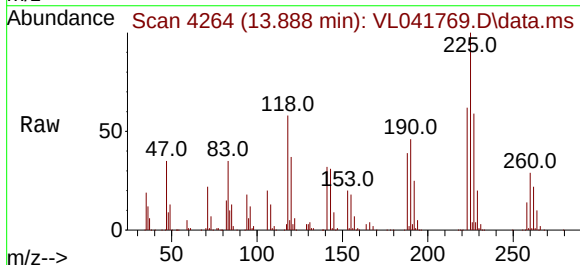
Manual Integrations
APPROVED

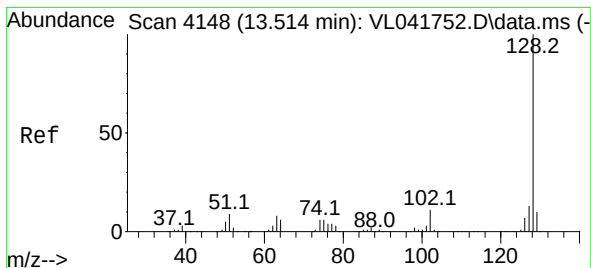
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78
Hexachloro-1,3-Butadiene
Concen: 7.557 ppbv
RT: 13.888 min Scan# 4264
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

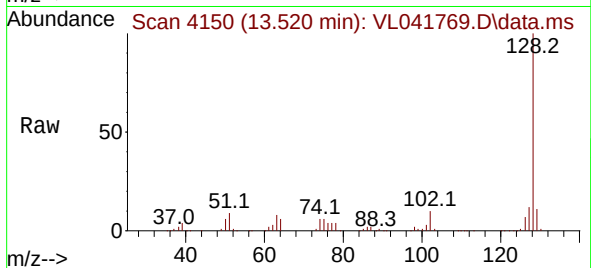
Tgt Ion:225 Resp: 74247
Ion Ratio Lower Upper
225 100
223 63.0 50.5 75.7
227 61.9 50.3 75.5





#79
Naphthalene
Concen: 10.403 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

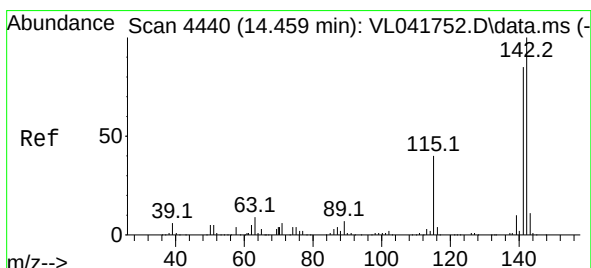
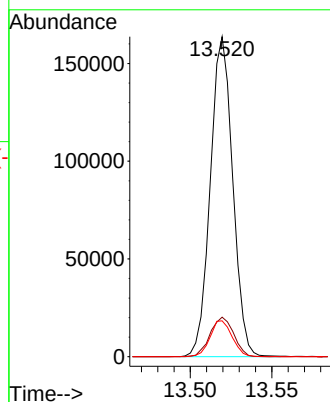
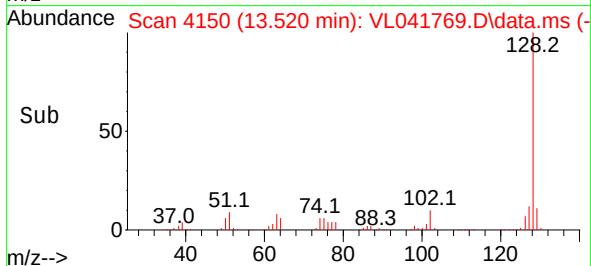
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 15656
Ion Ratio Lower Upper
128 100
127 12.4 10.7 16.1
129 11.2 8.2 12.4

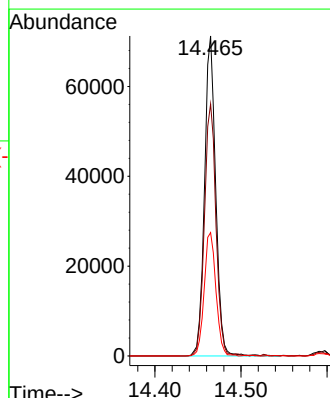
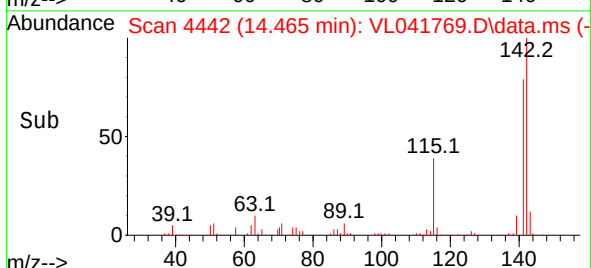
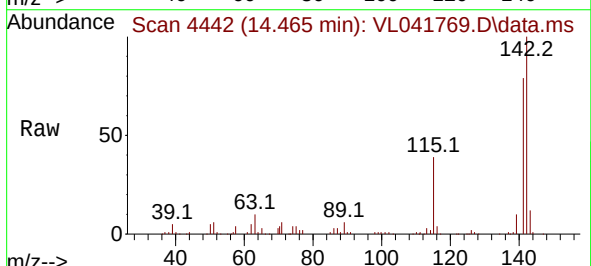
Manual Integrations
APPROVED

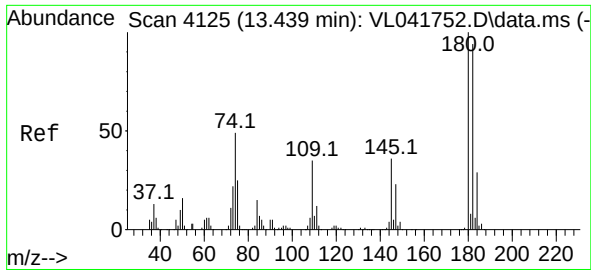
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#80
Naphthalene,2-methyl-
Concen: 13.753 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion:142 Resp: 64020
Ion Ratio Lower Upper
142 100
141 82.0 68.4 102.6
115 40.8 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 9.180 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041769.D

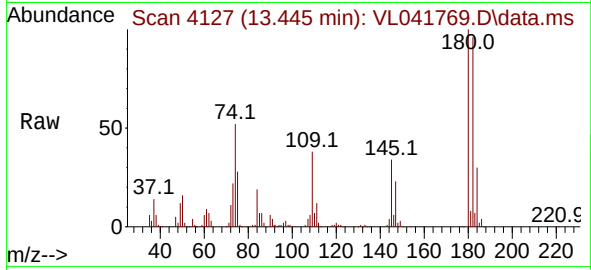
Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 75494

Ion Ratio Lower Upper

180 100

182 94.0 77.0 115.6

184 30.0 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024

