

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041763.D
 Acq On : 16 Dec 2024 21:52
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 03:31:26 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	60563	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	159774	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	141129	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 117349 9.978 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	5095	0.473	ppbv	98
3) Chlorodifluoromethane	1.476	51	4117	0.417	ppbv	98
4) Chloromethane	1.534	50	1950	0.462	ppbv #	87
5) Vinyl Chloride	1.580	62	1788	0.421	ppbv	98
6) Bromomethane	1.667	94	899	0.448	ppbv	98
7) Chloroethane	1.703	64	805	0.488	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	4233	0.439	ppbv	95
9) Propene	1.482	41	1817m	0.424	ppbv	
10) Heptane	4.985	43	4067m	0.370	ppbv	
11) Trichlorofluoromethane	1.877	101	5146	0.450	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.143	101	3936	0.452	ppbv	98
13) Ethanol	1.719	45	262	0.739	ppbv	97
14) Bromoethene	1.784	108	1195	0.407	ppbv #	83
15) Acetone	1.835	43	6950	0.590	ppbv	96
16) 1,3-Butadiene	1.609	39	2096	0.452	ppbv	94
17) tert-Butyl alcohol	2.042	59	5049	0.432	ppbv #	90
18) 1,1-Dichloroethene	2.036	96	1660	0.455	ppbv	86
19) Isopropyl Alcohol	1.887	45	4291	0.607	ppbv #	38
20) Methylene Chloride	2.062	84	1862	0.554	ppbv	89
21) Allyl Chloride	2.097	41	2831	0.443	ppbv	95
22) trans-1,2-Dichloroethene	2.343	96	1712m	0.410	ppbv	
23) Vinyl Acetate	2.463	43	1841	0.336	ppbv #	80
24) 1,1-Dichloroethane	2.411	63	3825	0.452	ppbv #	94
25) Ethyl Acetate	2.839	43	9296	0.424	ppbv	98
26) Hexane	2.826	57	3181	0.382	ppbv	84
27) Carbon Disulfide	2.152	76	2200	0.293	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	2766	0.410	ppbv	99
29) Chloroform	2.852	83	5746	0.453	ppbv	99
30) Cyclohexane	3.865	84	2922m	0.413	ppbv	
31) cis-1,2-Dichloroethene	2.719	61	3595	0.418	ppbv	89
32) 1,1,1-Trichloroethane	3.369	97	4905	0.381	ppbv	92
34) 2-Butanone	2.560	43	5881	0.458	ppbv	100
35) Carbon Tetrachloride	3.764	117	4393	0.387	ppbv	98
36) Benzene	3.658	78	6985	0.423	ppbv	94
37) 1,2-Dichloroethane	3.217	62	4760	0.463	ppbv #	96
38) Trichloroethene	4.548	130	2906m	0.414	ppbv	
39) 1,2-Dichloropropane	4.318	63	2484m	0.416	ppbv	
40) 1,4-Dioxane	4.606	88	1240m	0.425	ppbv	
41) Tetrahydrofuran	3.072	42	2810m	0.390	ppbv	
42) Bromodichloromethane	4.489	83	4214m	0.356	ppbv	
43) Methyl Methacrylate	4.881	69	2290m	0.364	ppbv	
44) 2,2,4-Trimethylpentane	4.645	57	10909m	0.387	ppbv	
45) t-1,3-Dichloropropene	6.428	75	1812m	0.278	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041763.D
 Acq On : 16 Dec 2024 21:52
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 03:31:26 2024

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

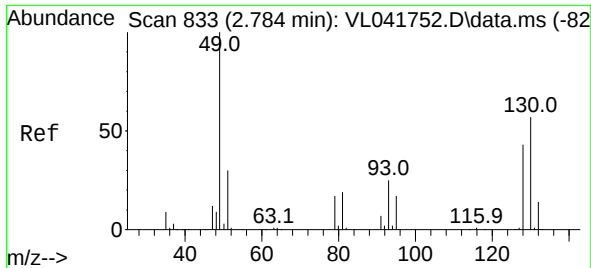
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

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	5.612	75	2875m	0.348	ppbv	
47) 1,1,2-Trichloroethane	6.593	97	2678m	0.429	ppbv	
48) Dibromochloromethane	7.393	129	2633	0.309	ppbv	95
49) Bromoform	9.490	173	1986	0.285	ppbv	93
50) 4-Methyl-2-Pentanone	5.774	43	6576m	0.376	ppbv	
51) 2-Hexanone	7.461	43	4819m	0.340	ppbv	
52) Tetrachloroethene	8.228	164	2497	0.406	ppbv	90
53) Toluene	6.936	91	6905m	0.369	ppbv	
54) 1,2-Dibromoethane	7.655	107	3197m	0.372	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.924	131	3128	0.418	ppbv #	1
57) Chlorobenzene	8.927	112	6380	0.442	ppbv #	87
58) Ethyl Benzene	9.360	91	9390	0.370	ppbv	92
59) m/p-Xylene	9.542	91	15341m	0.751	ppbv	
60) o-Xylene	9.969	91	7072m	0.345	ppbv	
61) Styrene	9.875	104	2611	0.295	ppbv	96
62) Isopropylbenzene	10.542	105	11584	0.376	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.966	83	5185	0.404	ppbv	98
64) n-propylbenzene	10.995	120	2616	0.336	ppbv	89
65) tert-Butylbenzene	11.536	119	10422	0.375	ppbv	96
66) Benzyl Chloride	11.616	91	760	0.311	ppbv #	83
67) sec-Butylbenzene	11.769	105	14503	0.377	ppbv	95
69) p-Isopropyltoluene	11.930	119	10524	0.332	ppbv	97
70) n-Butylbenzene	12.286	91	9991	0.327	ppbv	96
71) 2-Chlorotoluene	10.901	91	8740	0.372	ppbv	99
72) 4-Ethyltoluene	11.128	105	8385	0.347	ppbv	98
73) 1,3,5-Trimethylbenzene	11.209	105	6863	0.342	ppbv	95
74) 1,2,4-Trimethylbenzene	11.539	105	7498	0.348	ppbv #	86
75) 1,3-Dichlorobenzene	11.610	146	5973	0.434	ppbv	94
76) 1,4-Dichlorobenzene	11.675	146	5780	0.425	ppbv	98
77) 1,2-Dichlorobenzene	11.950	146	5668	0.428	ppbv	97
78) Hexachloro-1,3-Butadiene	13.885	225	4193	0.427	ppbv	95
79) Naphthalene	13.516	128	3904	0.260	ppbv	98
80) Naphthalene,2-methyl-	14.465	142	403	0.087	ppbv #	85
81) 1,2,4-Trichlorobenzene	13.442	180	2717	0.331	ppbv	97

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



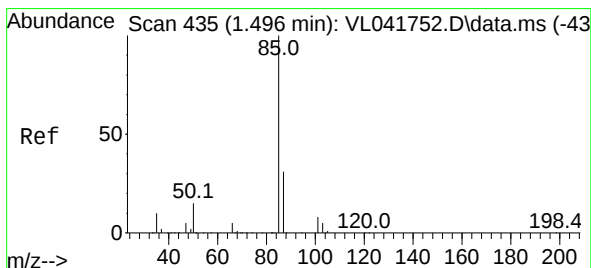
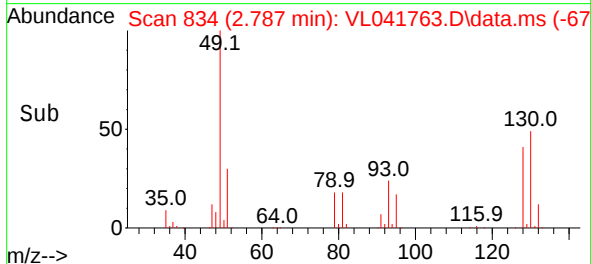
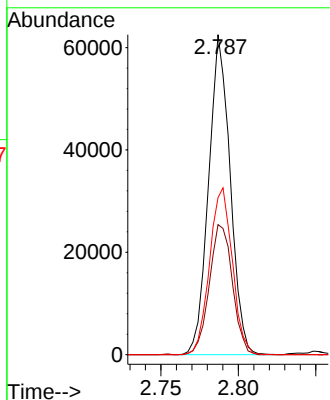
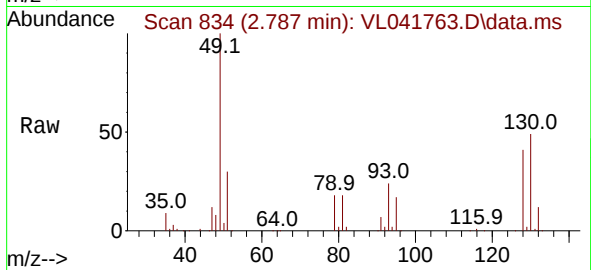
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 49 Resp: 60563
Ion Ratio Lower Upper
49 100
128 43.5 21.6 64.6
130 55.0 28.3 85.0

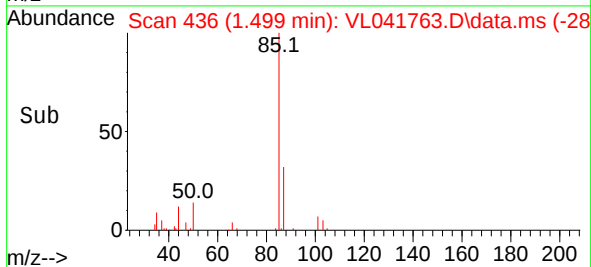
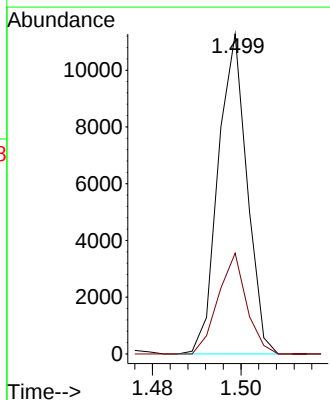
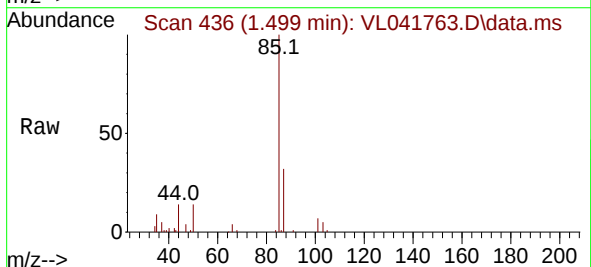
Manual Integrations
APPROVED

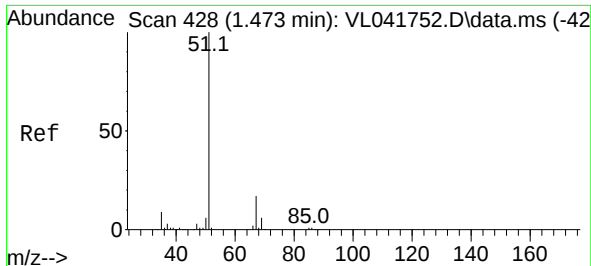
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 0.473 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

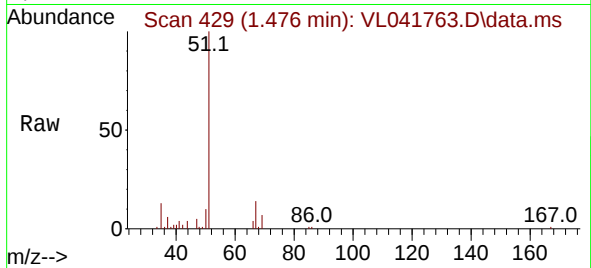
Tgt Ion: 85 Resp: 5095
Ion Ratio Lower Upper
85 100
87 31.5 24.5 36.7





#3
Chlorodifluoromethane
Concen: 0.417 ppbv
RT: 1.476 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

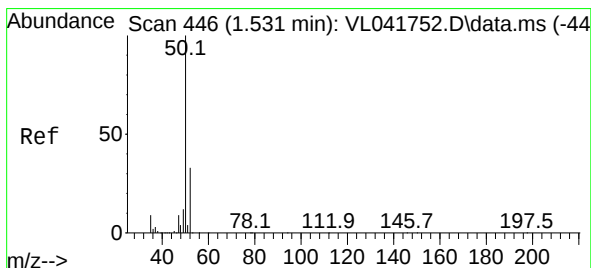
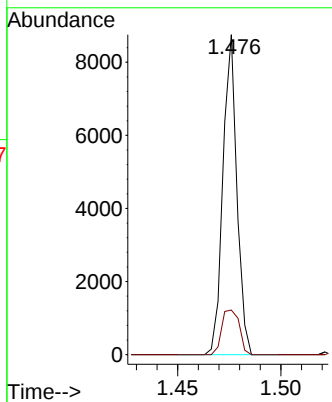
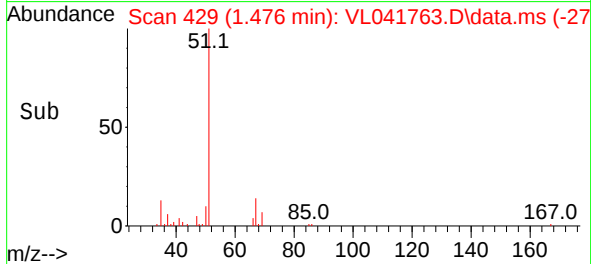
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 51 Resp: 411
Ion Ratio Lower Upper
51 100
67 17.6 15.0 22.4

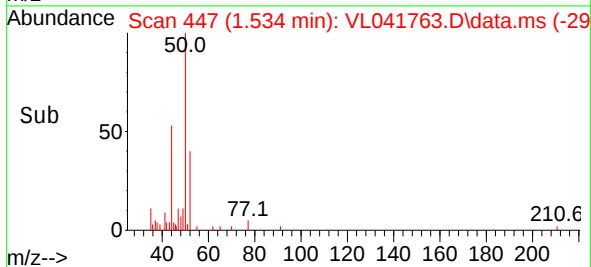
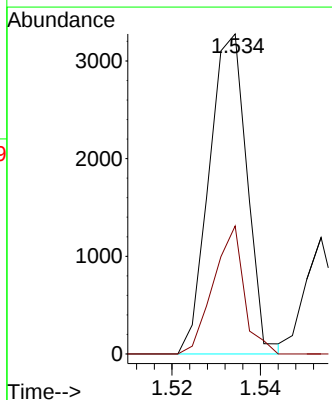
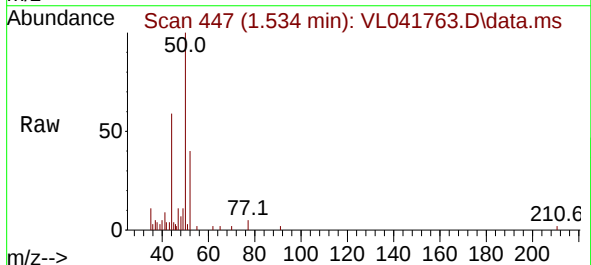
Manual Integrations
APPROVED

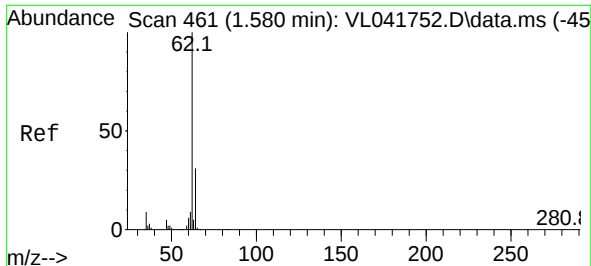
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Chloromethane
Concen: 0.462 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

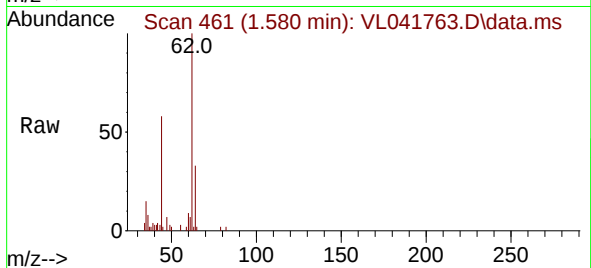
Tgt Ion: 50 Resp: 1950
Ion Ratio Lower Upper
50 100
52 40.0 26.2 39.2#





#5
 Vinyl Chloride
 Concen: 0.421 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL041763.D
 Acq: 16 Dec 2024 21:52

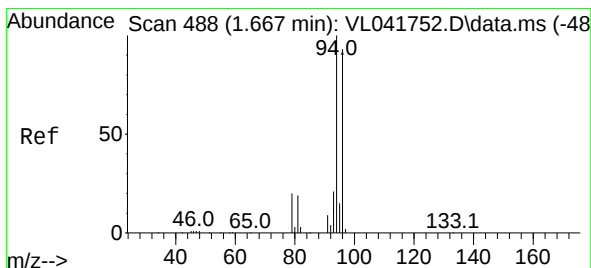
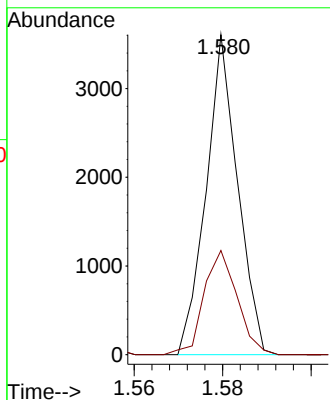
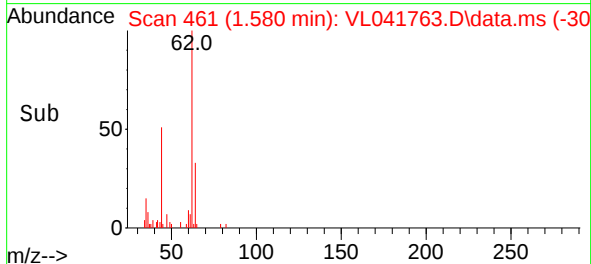
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion: 62 Resp: 1788
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.1 37.7

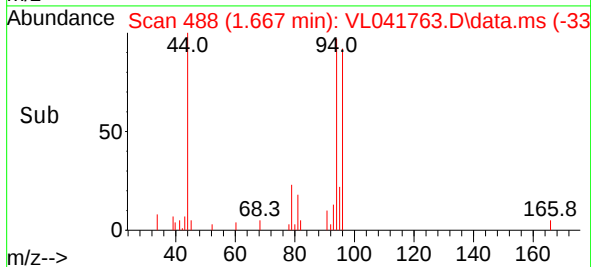
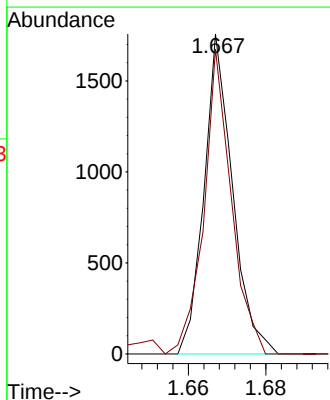
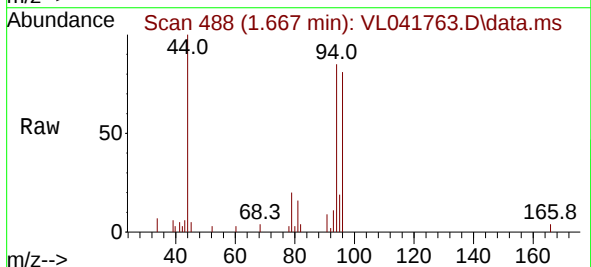
Manual Integrations
 APPROVED

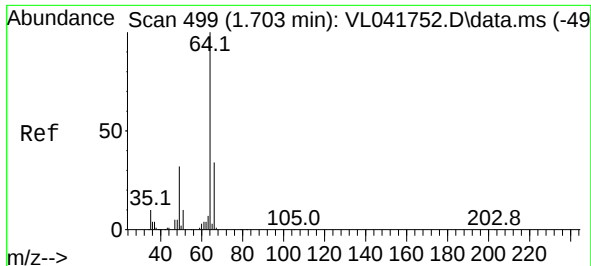
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#6
 Bromomethane
 Concen: 0.448 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL041763.D
 Acq: 16 Dec 2024 21:52

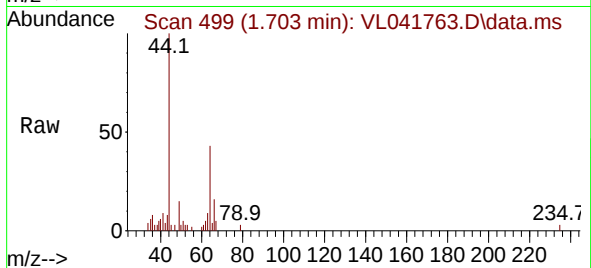
Tgt Ion: 94 Resp: 899
 Ion Ratio Lower Upper
 94 100
 96 95.3 74.7 112.1





#7
Chloroethane
Concen: 0.488 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

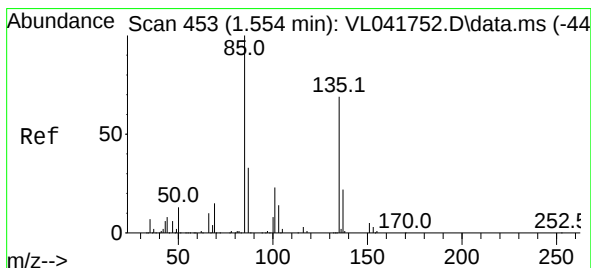
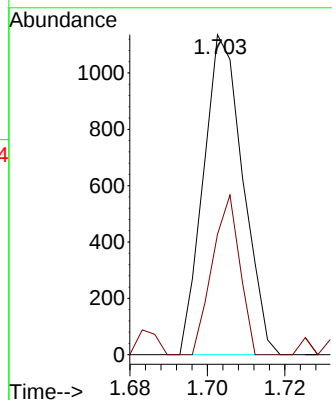
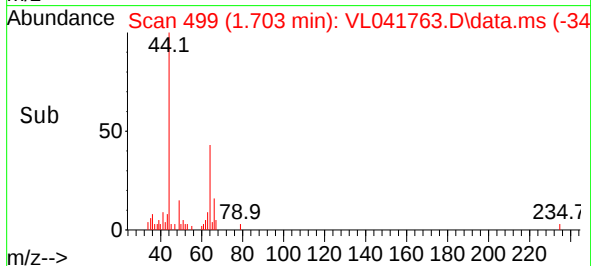
Instrument : MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 64 Resp: 809
Ion Ratio Lower Upper
64 100
66 37.6 27.5 41.3

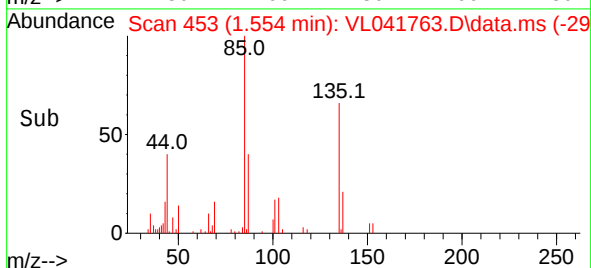
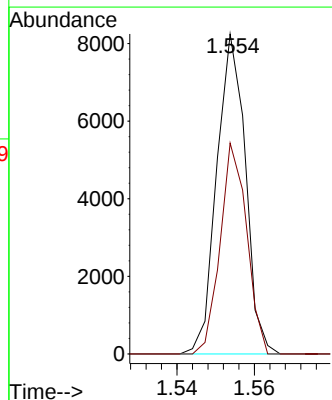
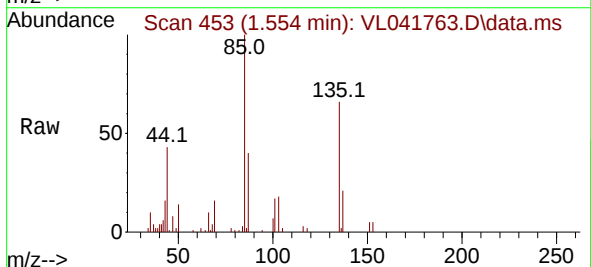
Manual Integrations
APPROVED

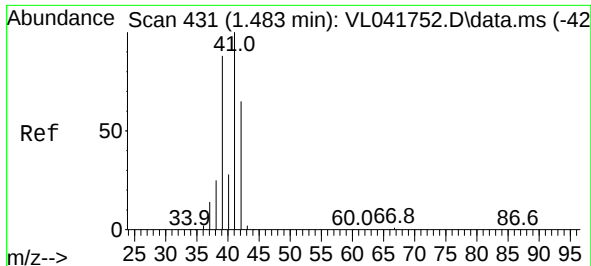
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#8
Dichlorotetrafluoroethane
Concen: 0.439 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 85 Resp: 4233
Ion Ratio Lower Upper
85 100
135 61.1 51.9 77.9





#9

Propene

Concen: 0.424 ppbv m

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 41 Resp: 181

Ion Ratio Lower Upper

41 100

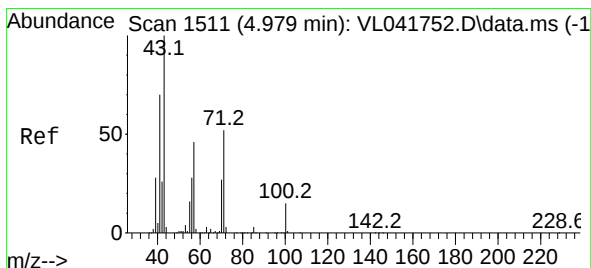
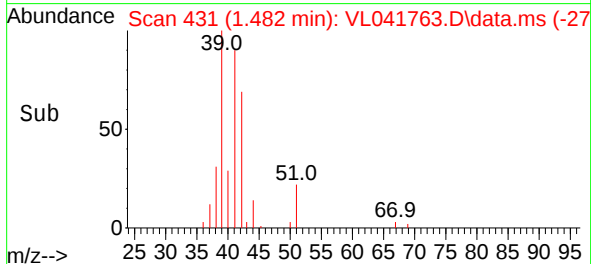
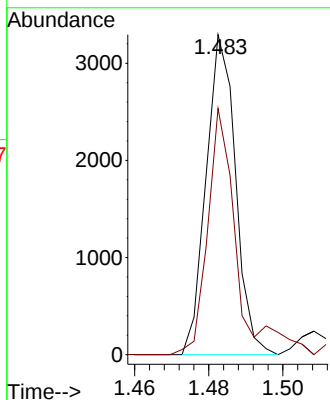
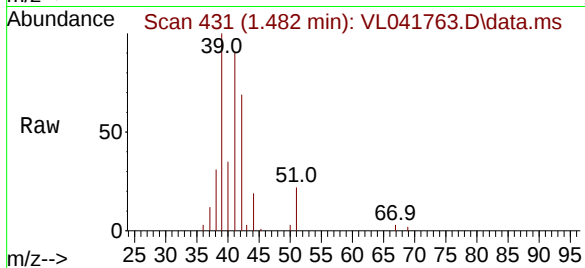
42 24.7 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#10

Heptane

Concen: 0.370 ppbv m

RT: 4.985 min Scan# 1513

Delta R.T. 0.006 min

Lab File: VL041763.D

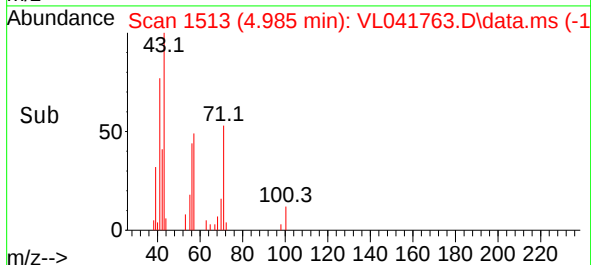
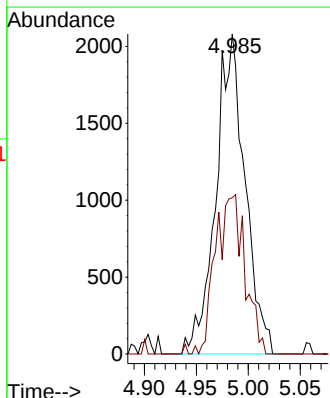
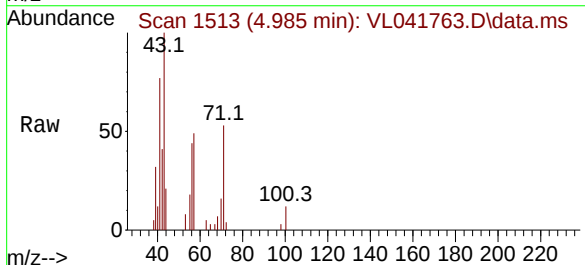
Acq: 16 Dec 2024 21:52

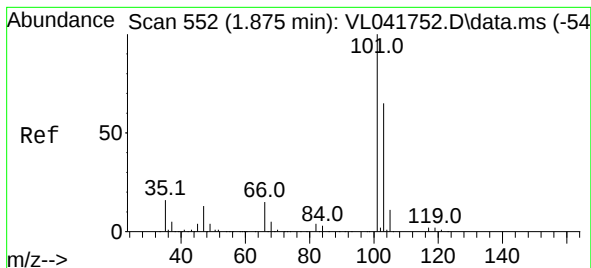
Tgt Ion: 43 Resp: 4067

Ion Ratio Lower Upper

43 100

57 50.6 38.5 57.7





#11

Trichlorofluoromethane

Concen: 0.450 ppbv

RT: 1.877 min Scan# 514

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

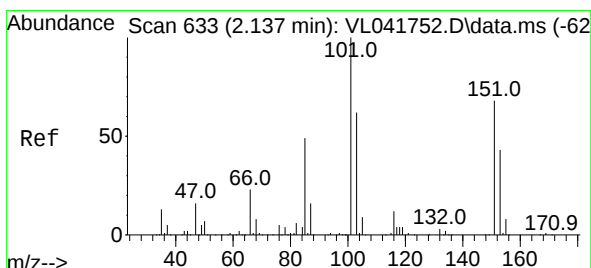
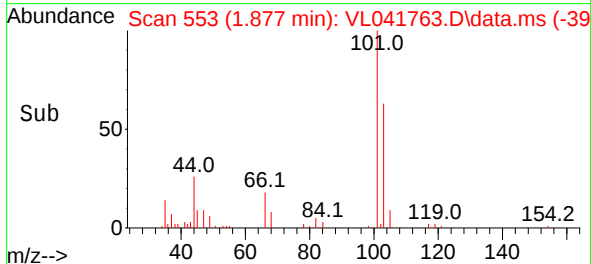
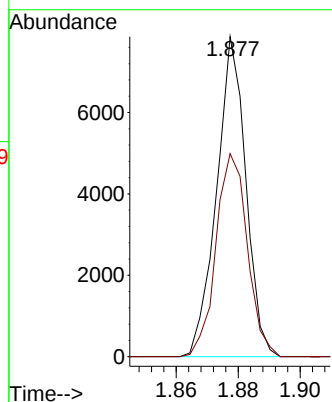
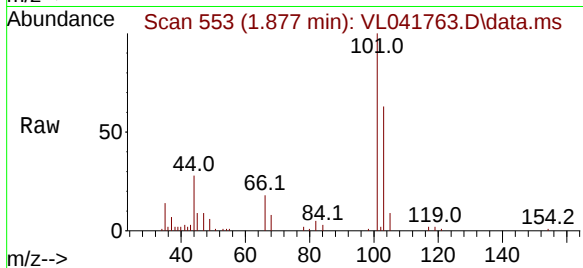
MDL 0.4

Tgt Ion:101 Resp: 5140
 Ion Ratio Lower Upper
 101 100
 103 63.4 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: 0.452 ppbv

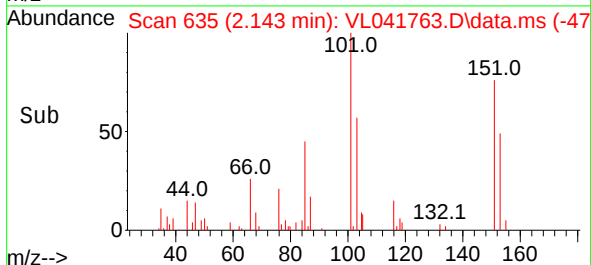
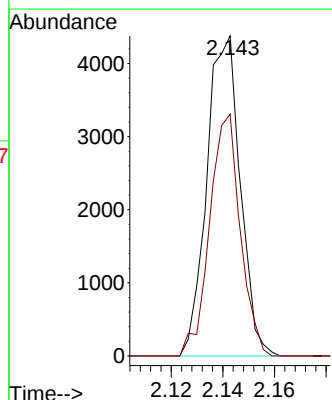
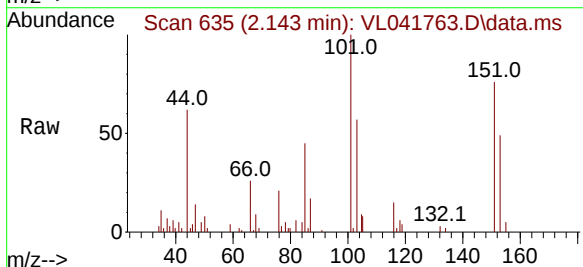
RT: 2.143 min Scan# 635

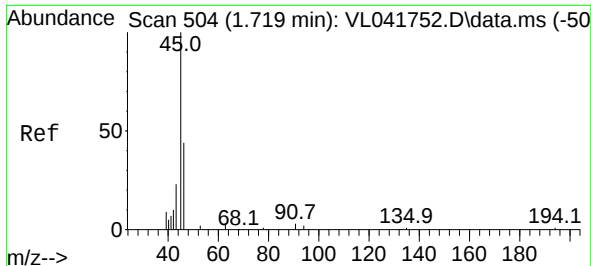
Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion:101 Resp: 3936
 Ion Ratio Lower Upper
 101 100
 151 69.2 56.8 85.2





#13

Ethanol

Concen: 0.739 ppbv

RT: 1.719 min Scan# 504

Delta R.T. -0.000 min

Lab File: VL041763.D

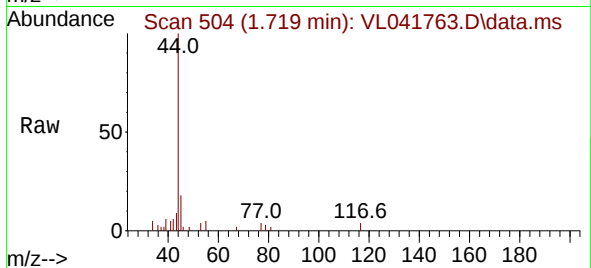
Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion: 45 Resp: 262

Ion Ratio Lower Upper

45 100

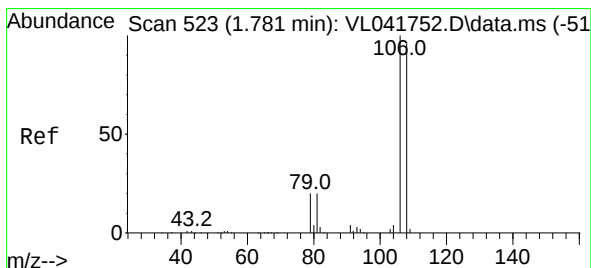
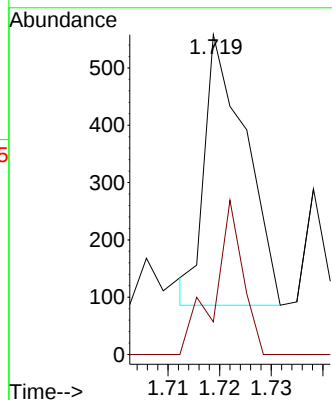
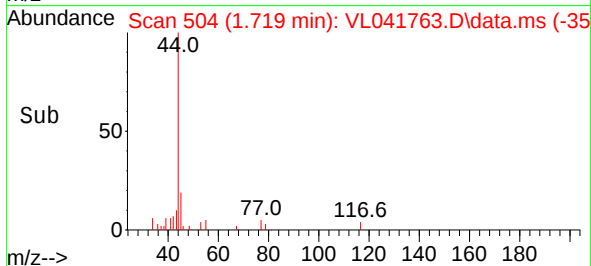
46 39.3 16.4 65.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#14

Bromoethene

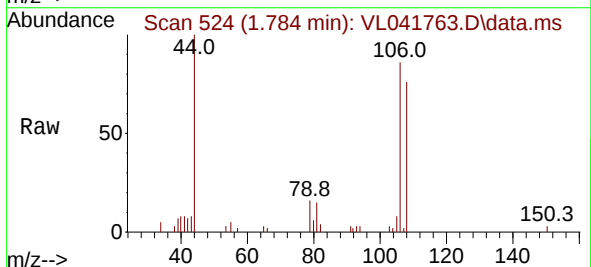
Concen: 0.407 ppbv

RT: 1.784 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52



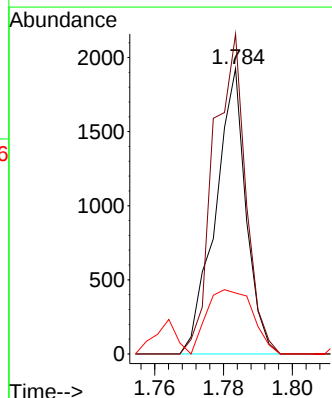
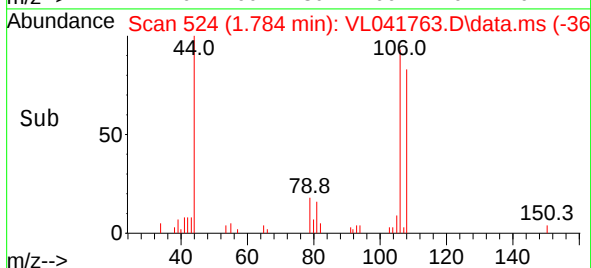
Tgt Ion:108 Resp: 1195

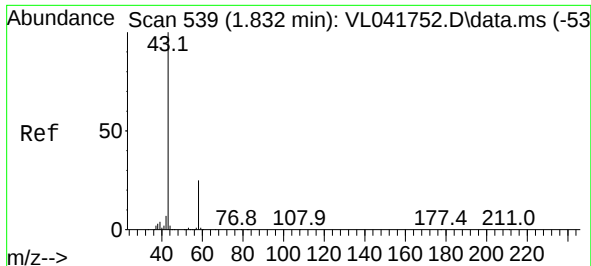
Ion Ratio Lower Upper

108 100

106 116.7 84.1 126.1

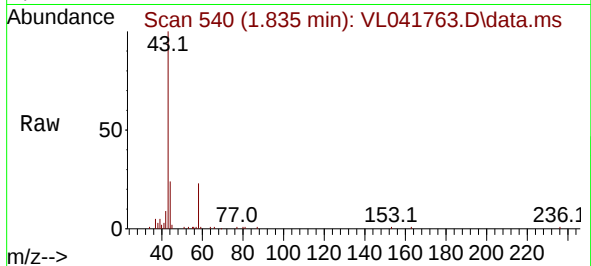
79 43.5 17.4 26.0#





#15
Acetone
Concen: 0.590 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

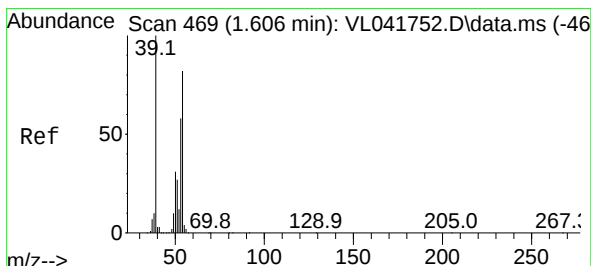
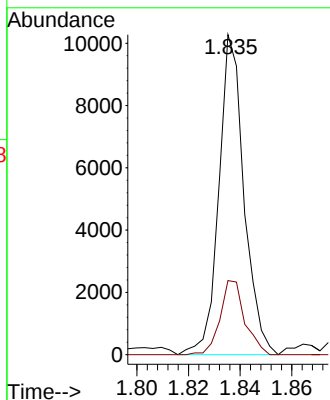
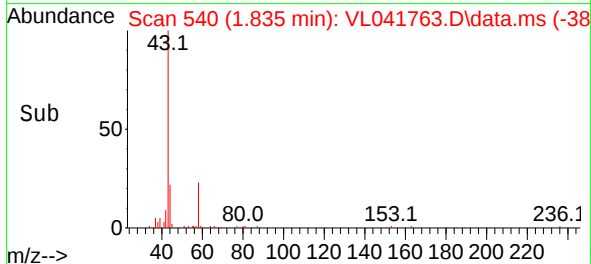
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



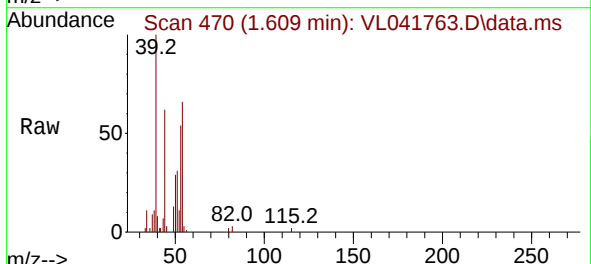
Tgt Ion: 43 Resp: 6950
Ion Ratio Lower Upper
43 100
58 22.7 19.7 29.5

Manual Integrations
APPROVED

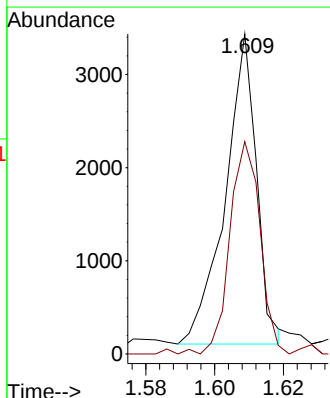
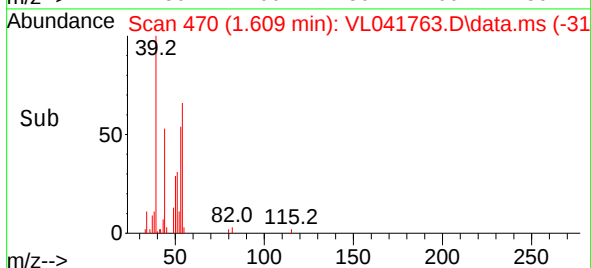
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

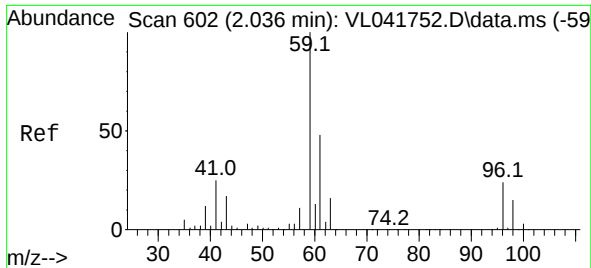


#16
1,3-Butadiene
Concen: 0.452 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52



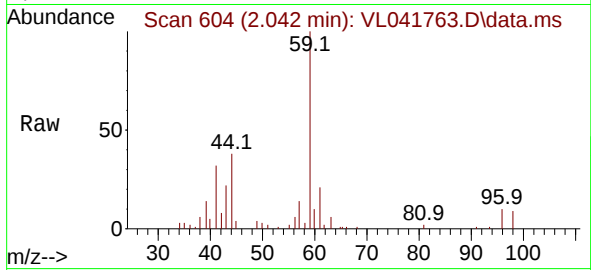
Tgt Ion: 39 Resp: 2096
Ion Ratio Lower Upper
39 100
54 68.1 58.4 87.6





#17
tert-Butyl alcohol
Concen: 0.432 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

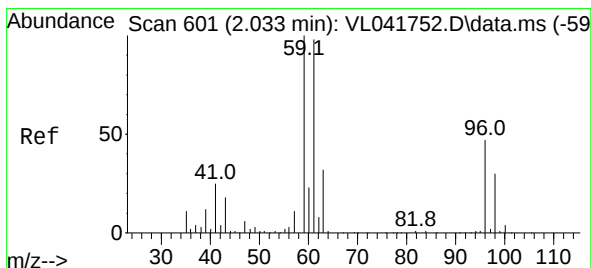
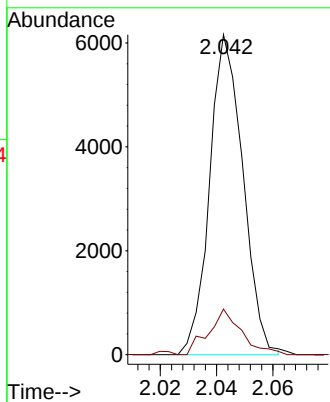
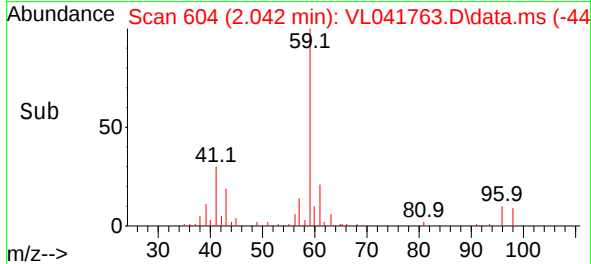
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



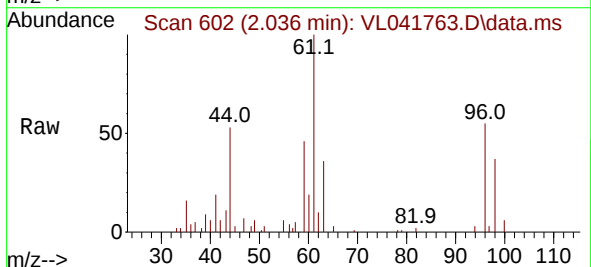
Tgt Ion: 59 Resp: 5049
Ion Ratio Lower Upper
59 100
57 14.6 8.6 13.0

Manual Integrations
APPROVED

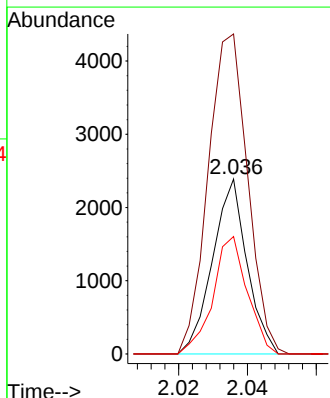
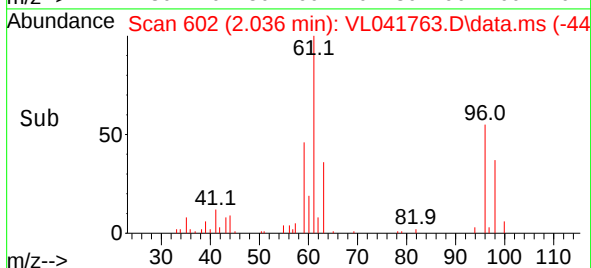
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

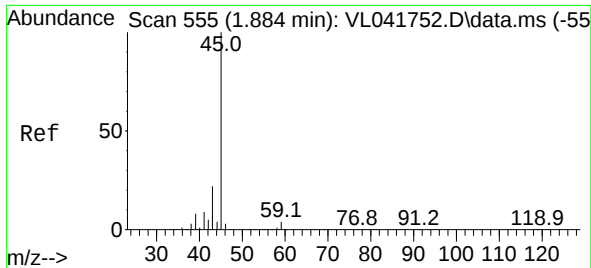


#18
1,1-Dichloroethene
Concen: 0.455 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52



Tgt Ion: 96 Resp: 1660
Ion Ratio Lower Upper
96 100
61 182.9 167.7 251.5
98 67.1 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.607 ppbv

RT: 1.887 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

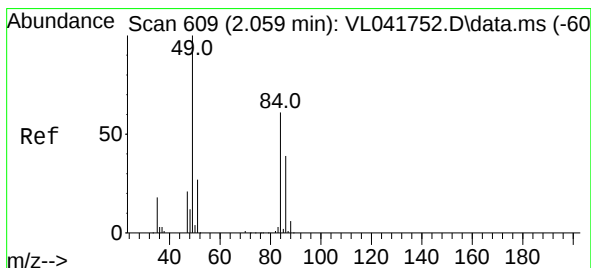
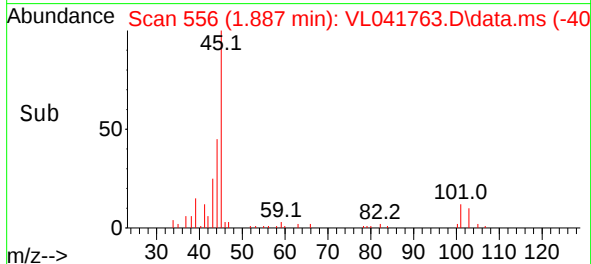
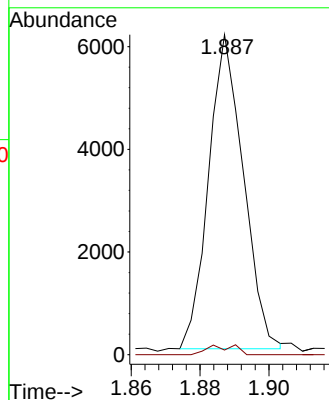
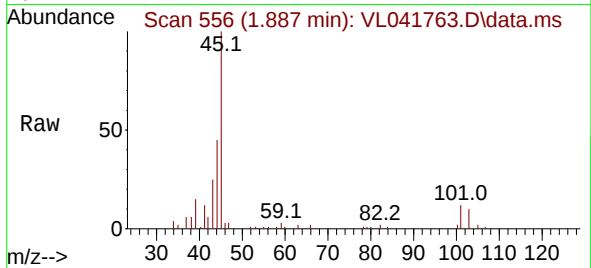
MDL 0.4

Tgt Ion: 45 Resp: 429
 Ion Ratio Lower Upper
 45 100
 58 2.4 33.3 49.9

Manual Integrations

APPROVED

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



#20

Methylene Chloride

Concen: 0.554 ppbv

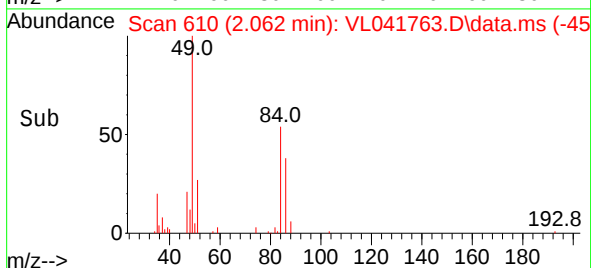
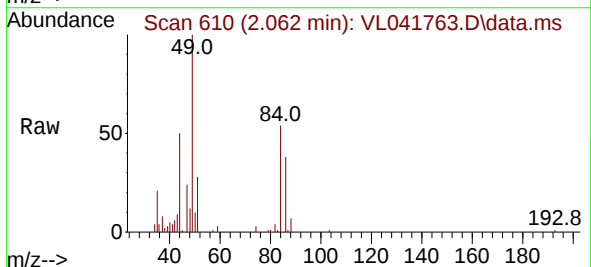
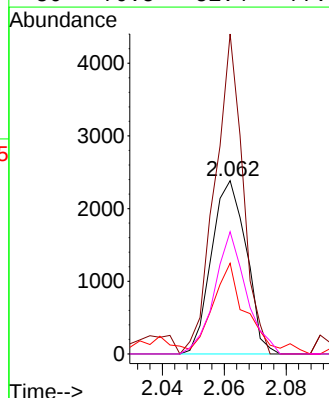
RT: 2.062 min Scan# 610

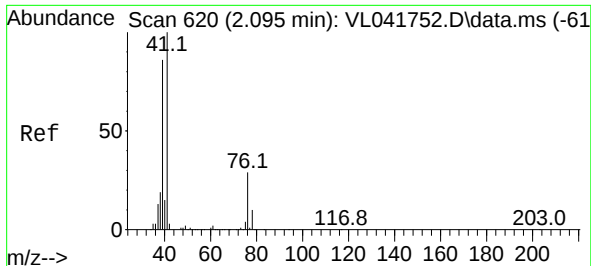
Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion: 84 Resp: 1862
 Ion Ratio Lower Upper
 84 100
 49 184.6 132.6 198.8
 51 49.0 37.6 56.4
 86 70.5 51.4 77.0





#21

Allyl Chloride

Concen: 0.443 ppbv

RT: 2.097 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

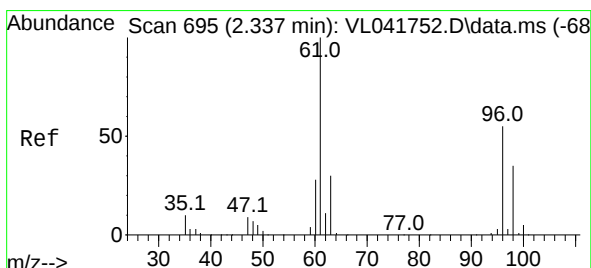
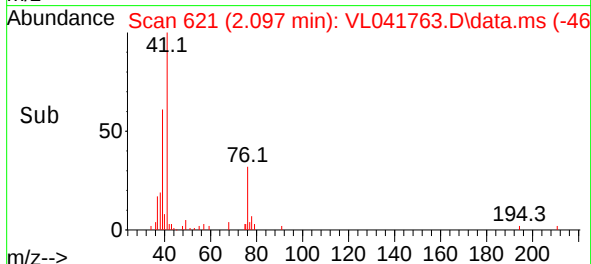
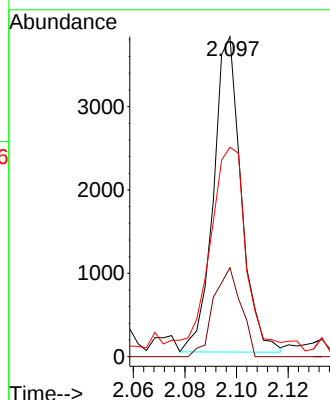
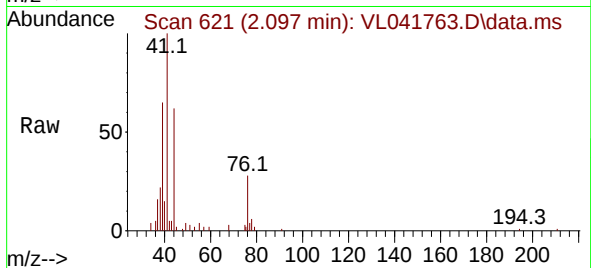
MDL 0.4

Tgt Ion: 41	Resp: 283
Ion Ratio	Lower Upper
41	100
76	27.7 22.3 33.5
39	92.7 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: 0.410 ppbv m

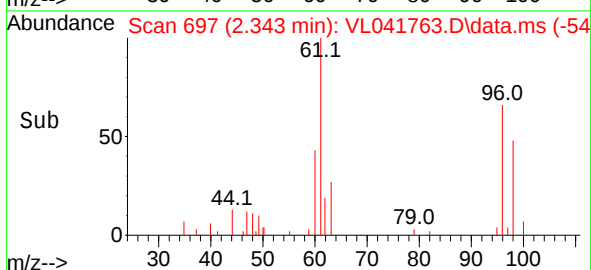
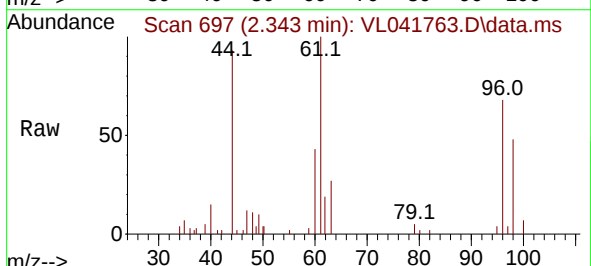
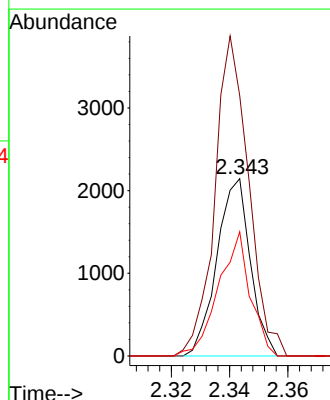
RT: 2.343 min Scan# 697

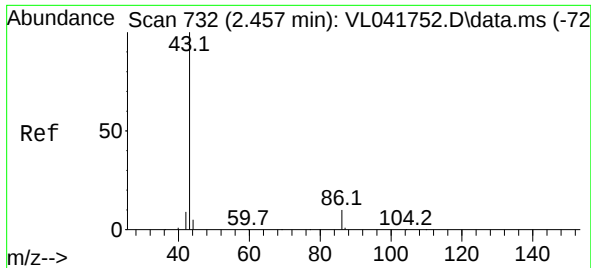
Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion: 96	Resp: 1712
Ion Ratio	Lower Upper
96	100
61	146.9 146.3 219.5
98	70.1 50.8 76.2





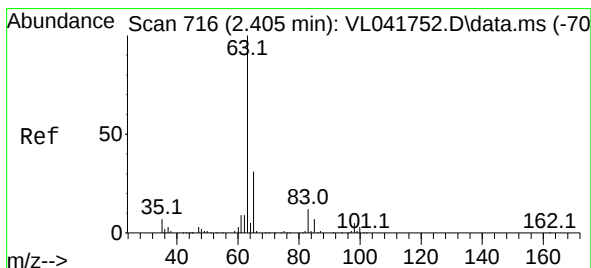
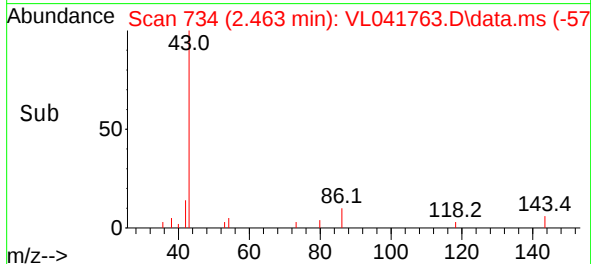
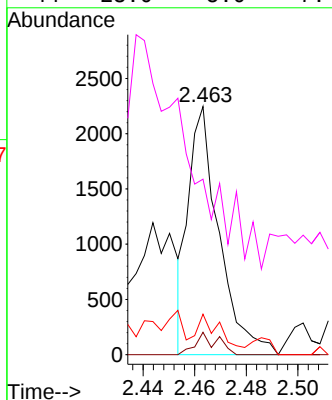
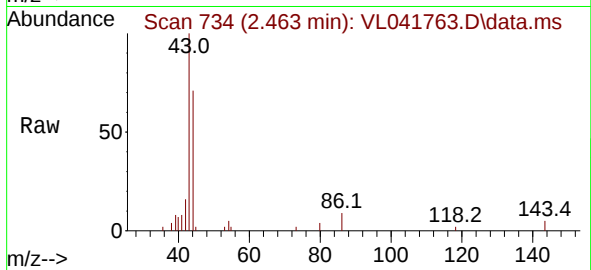
#23
 Vinyl Acetate
 Concen: 0.336 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041763.D
 Acq: 16 Dec 2024 21:52

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Tgt Ion:	43	Resp:	184
Ion Ratio	Lower	Upper	
43	100		
86	9.0	6.6	10.0
42	16.3	8.2	12.2
44	23.0	5.0	7.4

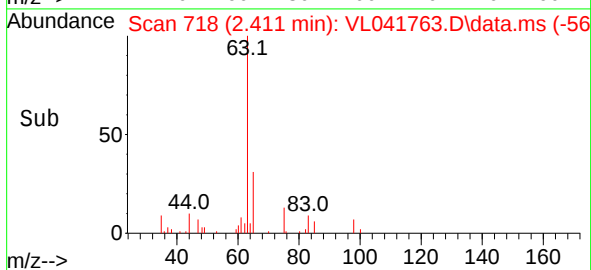
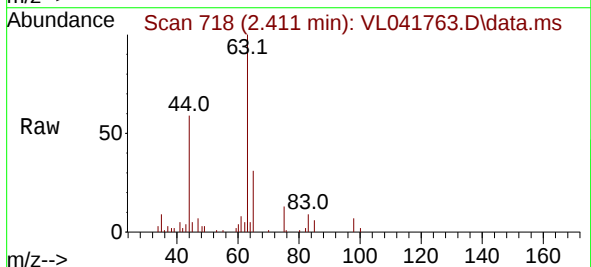
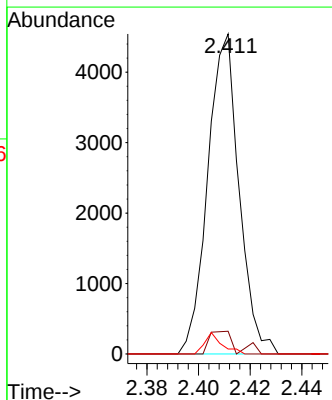
Manual Integrations
 APPROVED

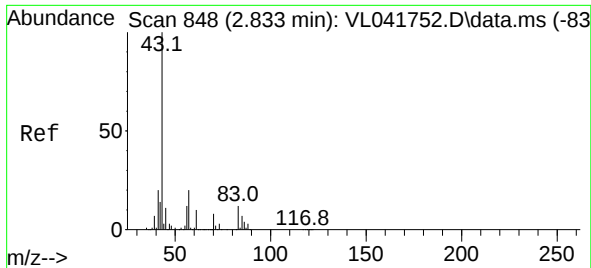
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#24
 1,1-Dichloroethane
 Concen: 0.452 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041763.D
 Acq: 16 Dec 2024 21:52

Tgt Ion:	63	Resp:	3825
Ion Ratio	Lower	Upper	
63	100		
98	7.1	2.3	6.8
100	1.6	1.4	4.2





#25

Ethyl Acetate

Concen: 0.424 ppbv

RT: 2.839 min Scan# 848

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 43 Resp: 9290

Ion Ratio Lower Upper

43 100

45 11.5 8.1 12.1

61 8.5 7.0 10.6

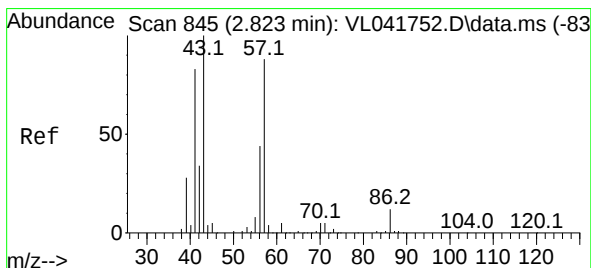
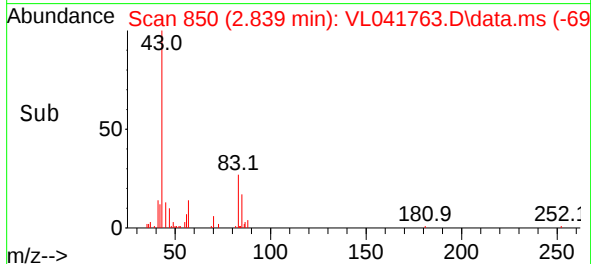
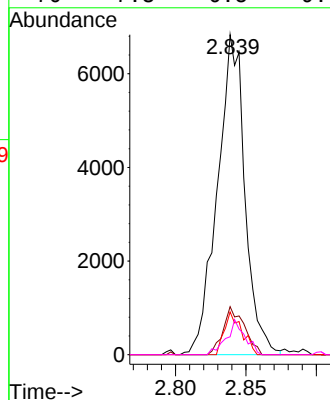
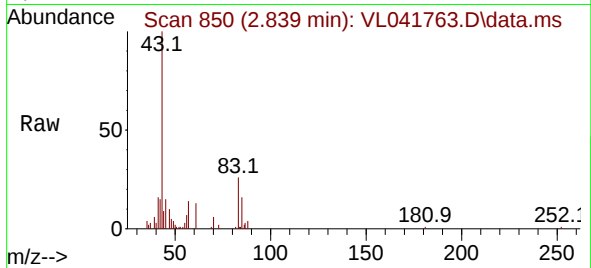
70 7.3 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#26

Hexane

Concen: 0.382 ppbv

RT: 2.826 min Scan# 846

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion: 57 Resp: 3181

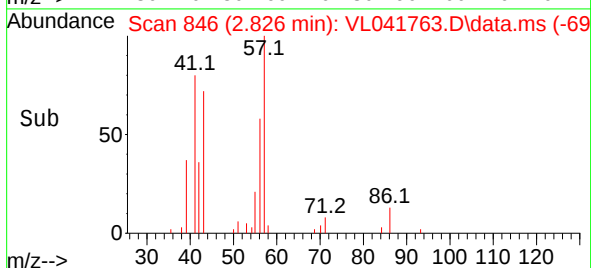
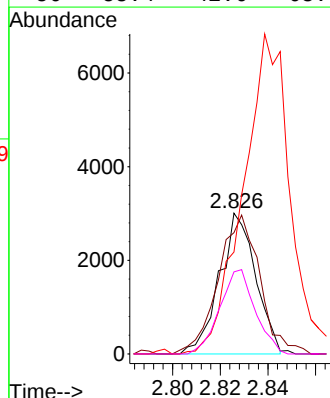
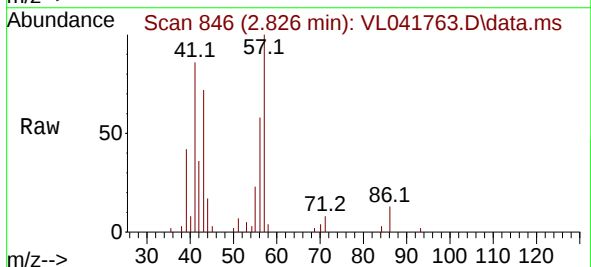
Ion Ratio Lower Upper

57 100

41 114.4 79.6 119.4

43 296.4 211.0 316.6

56 58.4 42.6 63.8





#27

Carbon Disulfide

Concen: 0.293 ppbv

RT: 2.152 min Scan# 637

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

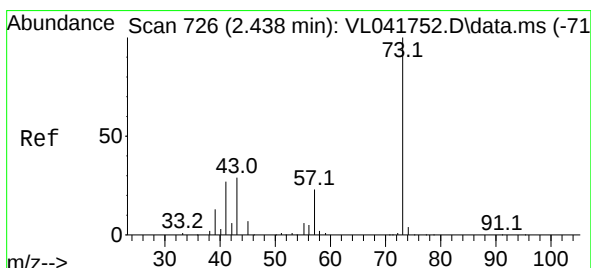
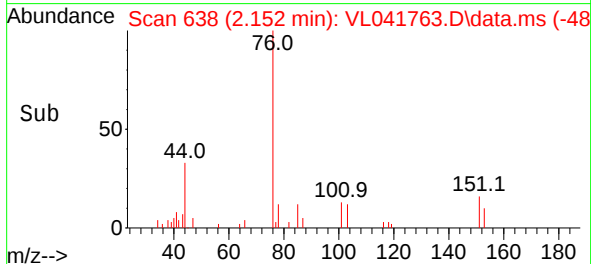
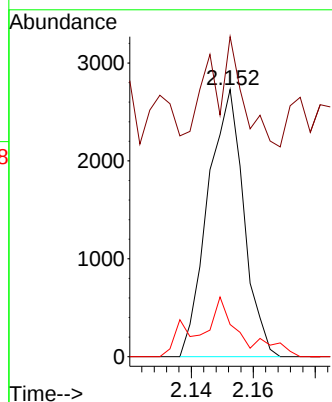
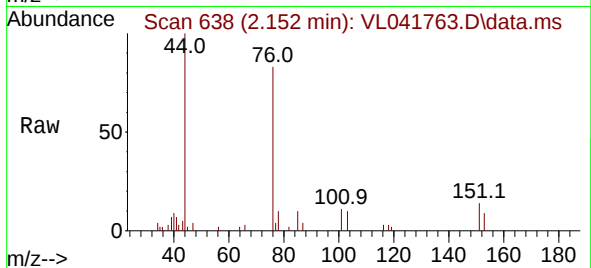
Tgt Ion: 76 Resp: 2200

Ion	Ratio	Lower	Upper
76	100		
44	221.0	17.6	26.4
78	25.9	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: 0.410 ppbv

RT: 2.441 min Scan# 727

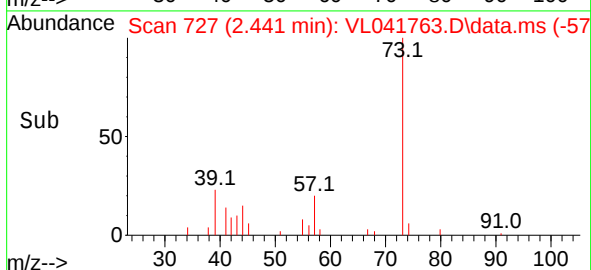
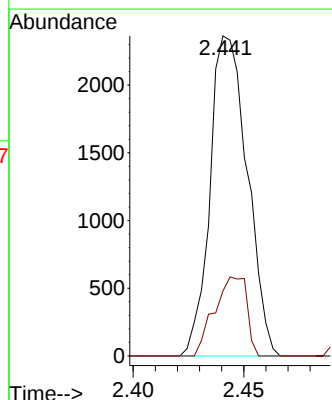
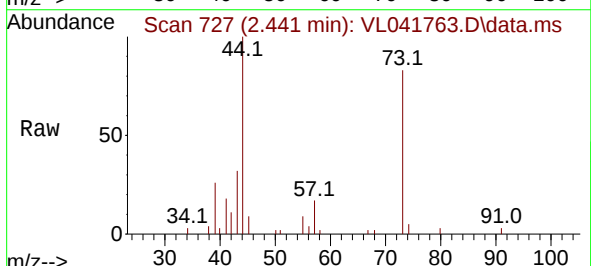
Delta R.T. 0.003 min

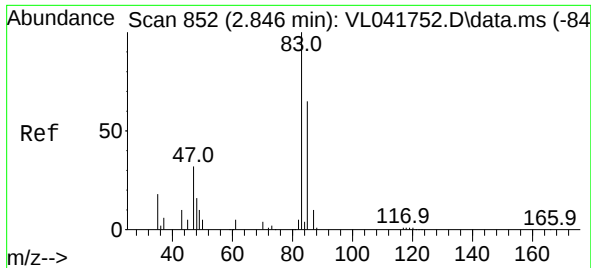
Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion: 73 Resp: 2766

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.6	26.4





#29

Chloroform

Concen: 0.453 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

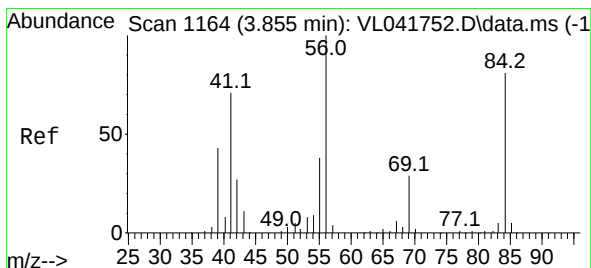
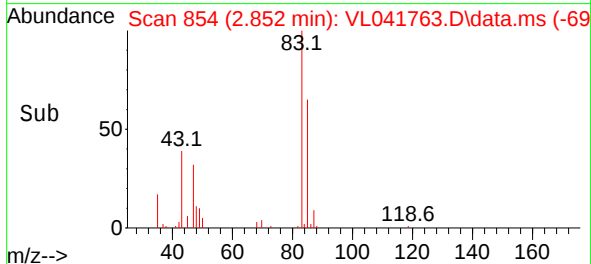
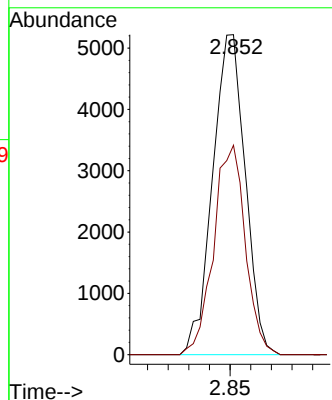
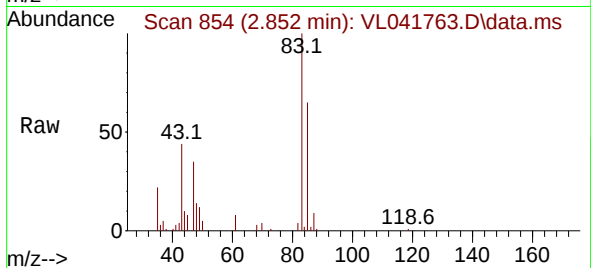
MDL 0.4

Tgt Ion: 83 Resp: 5740
 Ion Ratio Lower Upper
 83 100
 85 65.5 51.8 77.6

Manual Integrations

APPROVED

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



#30

Cyclohexane

Concen: 0.413 ppbv m

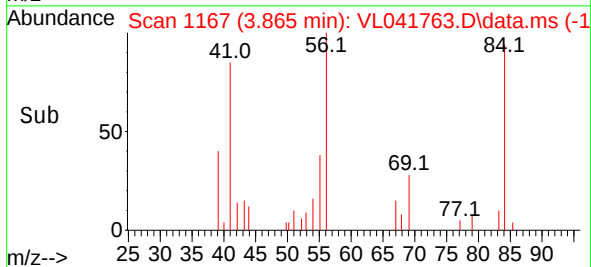
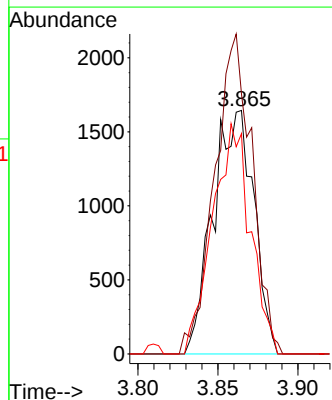
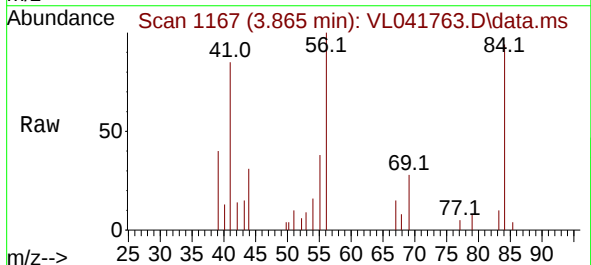
RT: 3.865 min Scan# 1167

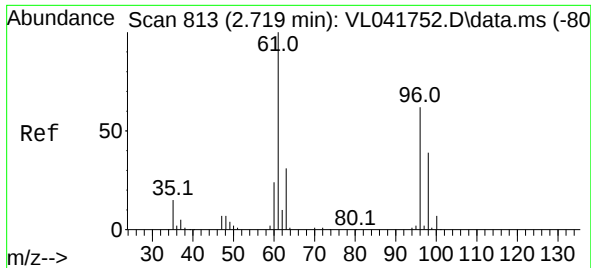
Delta R.T. 0.009 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

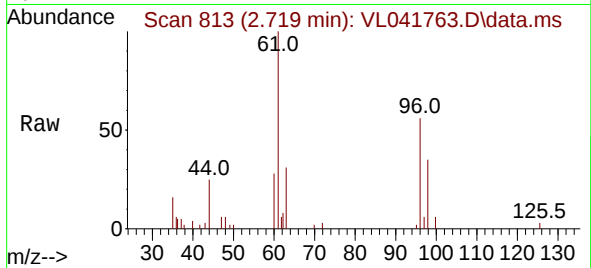
Tgt Ion: 84 Resp: 2922
 Ion Ratio Lower Upper
 84 100
 56 119.9 102.3 153.5
 41 88.8 74.0 111.0





#31
cis-1,2-Dichloroethene
Concen: 0.418 ppbv
RT: 2.719 min Scan# 813
Delta R.T. -0.000 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

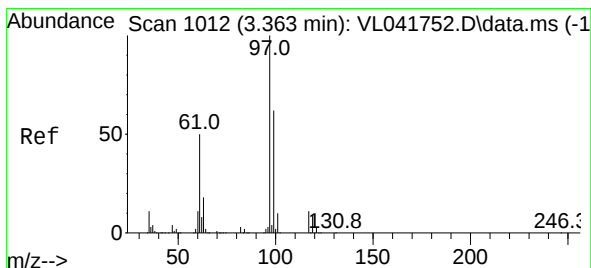
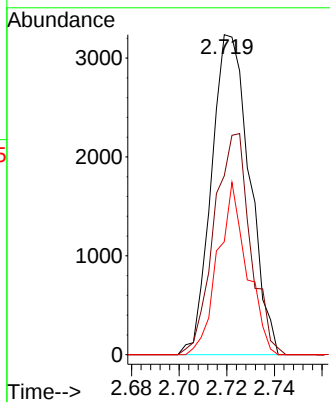
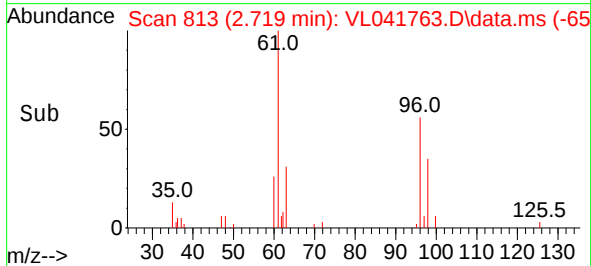
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 61 Resp: 3594
Ion Ratio Lower Upper
61 100
96 52.5 49.7 74.5
98 33.1 30.8 46.2

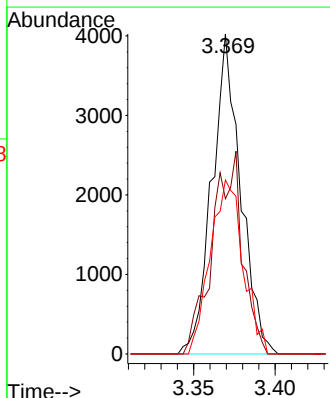
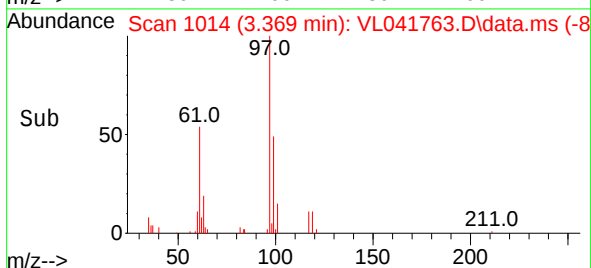
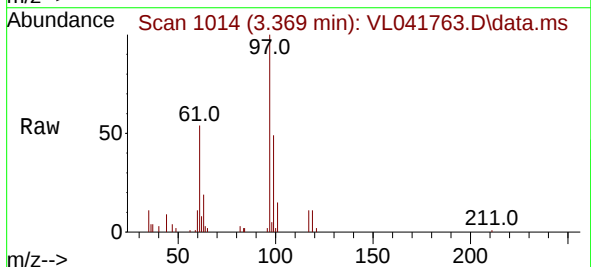
Manual Integrations
APPROVED

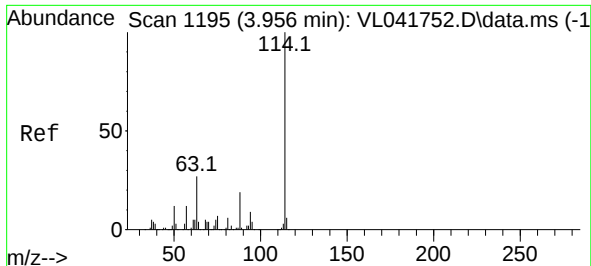
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#32
1,1,1-Trichloroethane
Concen: 0.381 ppbv
RT: 3.369 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 97 Resp: 4905
Ion Ratio Lower Upper
97 100
99 66.8 51.0 76.4
61 62.5 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: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

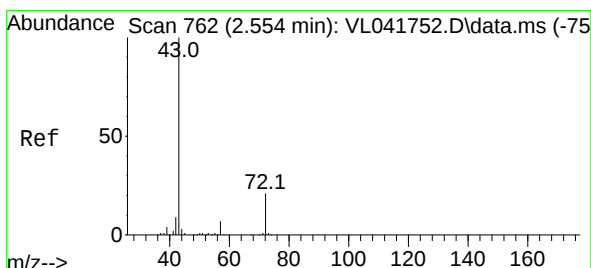
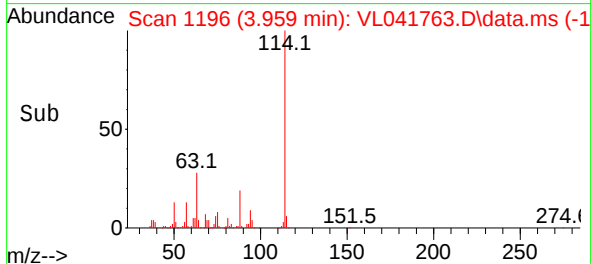
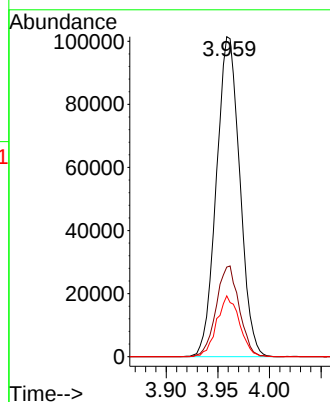
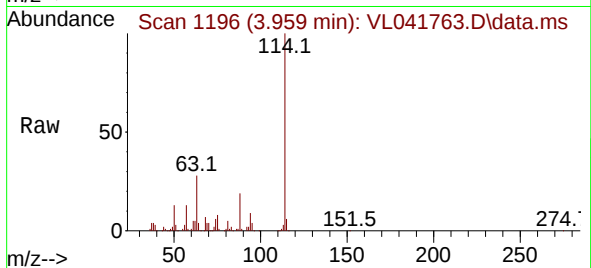
MDL 0.4

Tgt Ion:	114	Resp:	159774
Ion	Ratio	Lower	Upper
114	100		
63	27.9	21.8	32.8
88	18.4	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: 0.458 ppbv

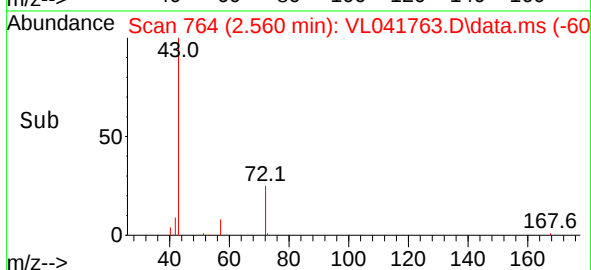
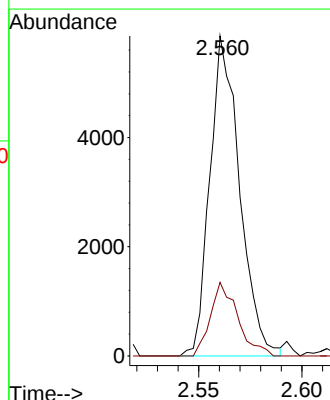
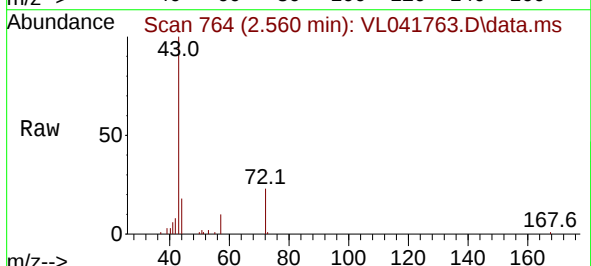
RT: 2.560 min Scan# 764

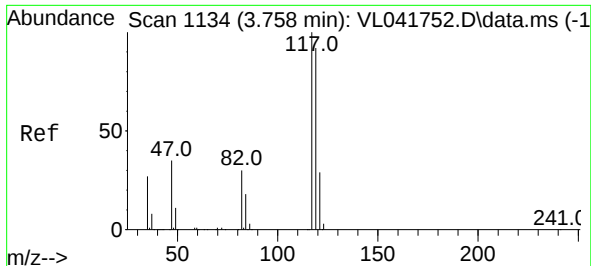
Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion:	43	Resp:	5881
Ion	Ratio	Lower	Upper
43	100		
72	21.1	16.8	25.2





#35

Carbon Tetrachloride

Concen: 0.387 ppbv

RT: 3.764 min Scan# 1136

Delta R.T. 0.006 min

Lab File: VL041763.D

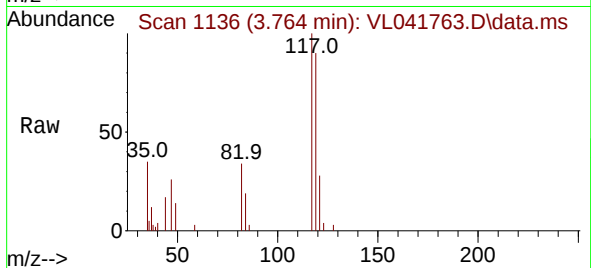
Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion: 117 Resp: 439

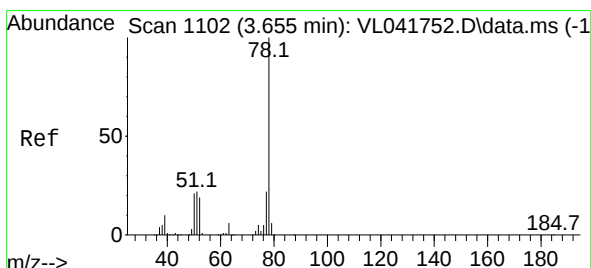
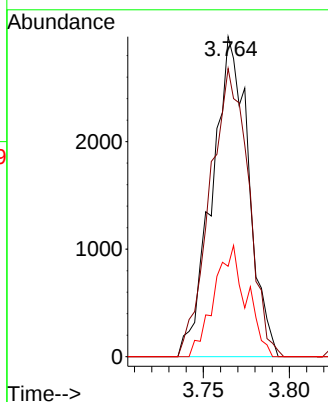
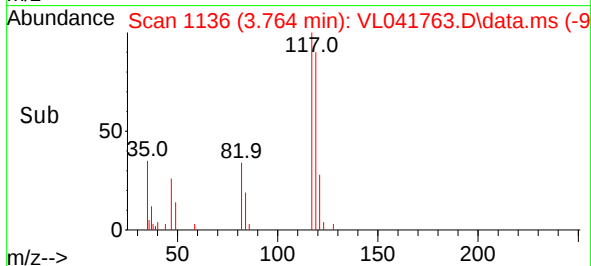
Ion	Ratio	Lower	Upper
117	100		
119	90.1	73.7	110.5
121	28.3	23.0	34.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#36

Benzene

Concen: 0.423 ppbv

RT: 3.658 min Scan# 1103

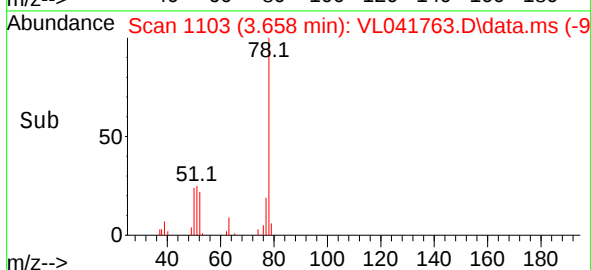
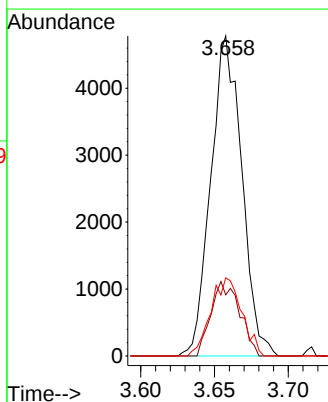
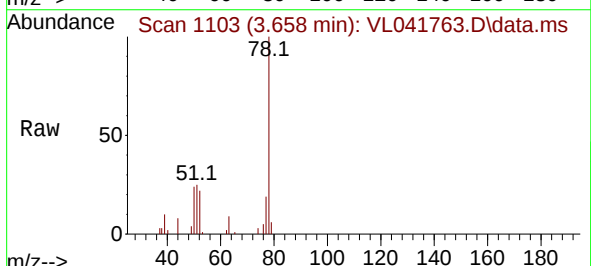
Delta R.T. 0.003 min

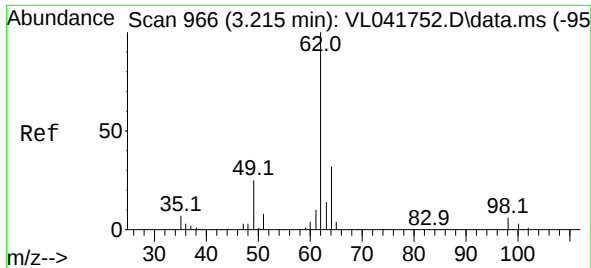
Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion: 78 Resp: 6985

Ion	Ratio	Lower	Upper
78	100		
77	19.1	17.8	26.6
50	24.4	17.2	25.8





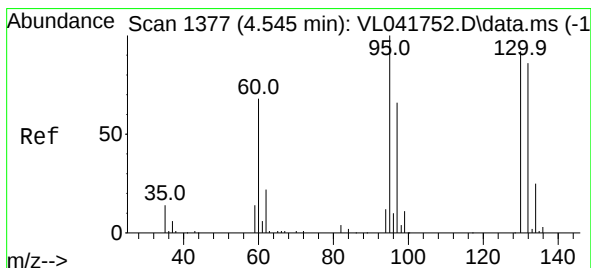
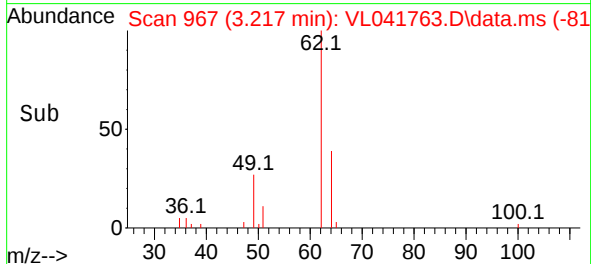
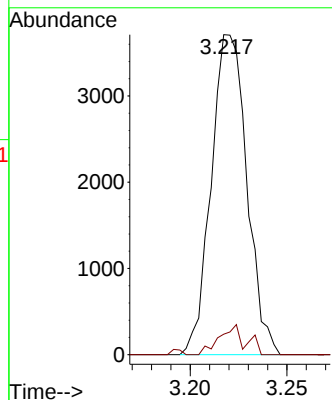
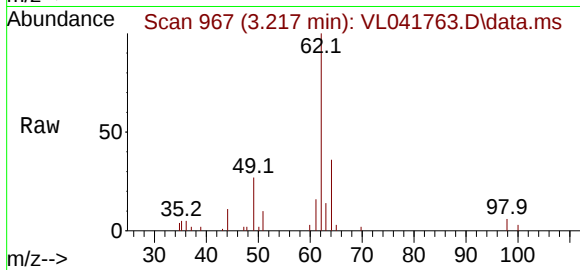
#37
1,2-Dichloroethane
Concen: 0.463 ppbv
RT: 3.217 min Scan# 90
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 62 Resp: 4760
Ion Ratio Lower Upper
62 100
98 7.2 4.7 7.1

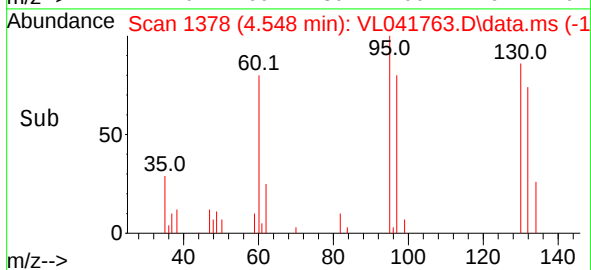
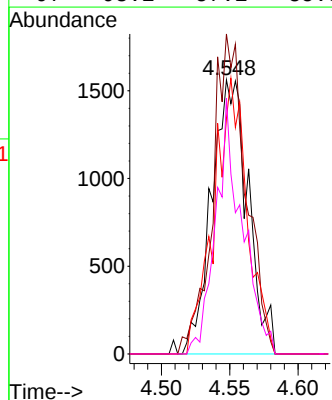
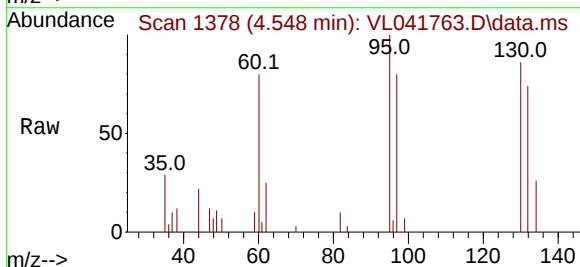
Manual Integrations
APPROVED

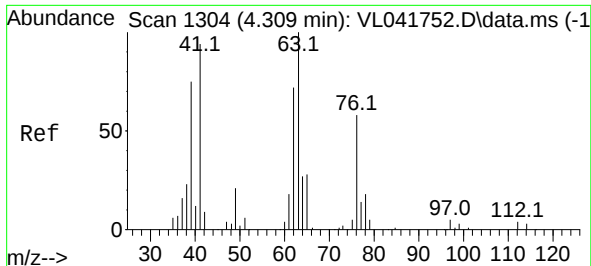
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Trichloroethene
Concen: 0.414 ppbv m
RT: 4.548 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion:130 Resp: 2906
Ion Ratio Lower Upper
130 100
95 116.8 87.0 130.6
132 85.9 75.0 112.6
97 93.2 57.2 85.8





#39

1,2-Dichloropropane

Concen: 0.416 ppbv m

RT: 4.318 min Scan# 1307

Delta R.T. 0.009 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

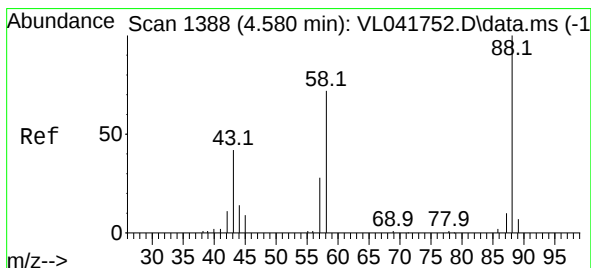
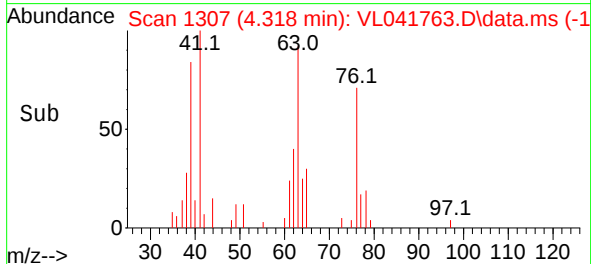
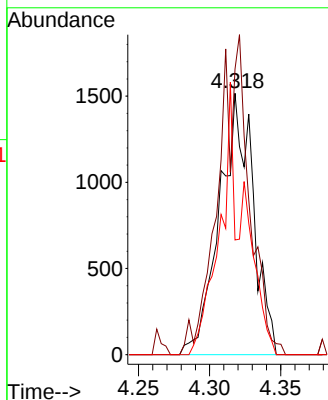
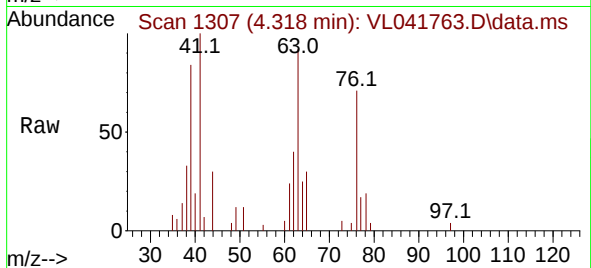
Tgt Ion: 63 Resp: 248

Ion	Ratio	Lower	Upper
63	100		
41	109.2	75.3	112.9
62	43.9	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: 0.425 ppbv m

RT: 4.606 min Scan# 1396

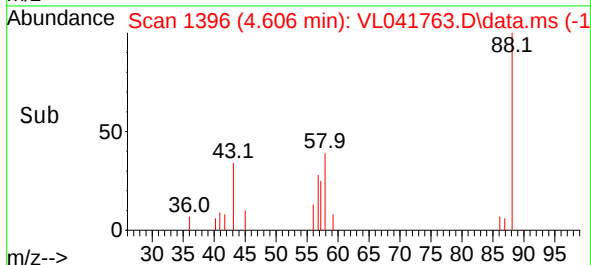
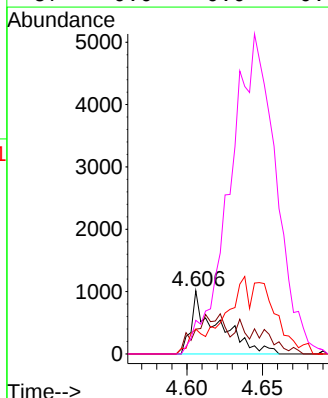
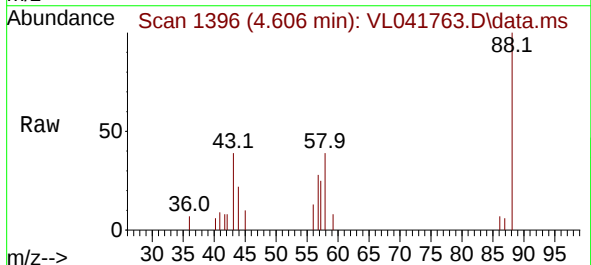
Delta R.T. 0.025 min

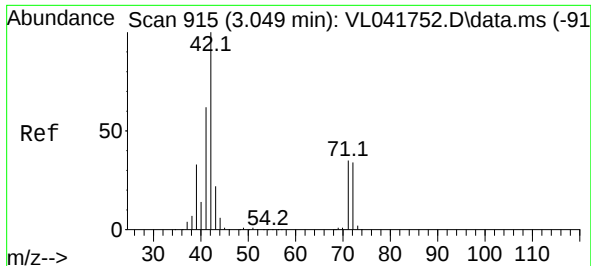
Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion: 88 Resp: 1240

Ion	Ratio	Lower	Upper
88	100		
58	4.1	61.0	91.6#
43	0.0	29.4	44.0#
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 0.390 ppbv m

RT: 3.072 min Scan# 91

Delta R.T. 0.022 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

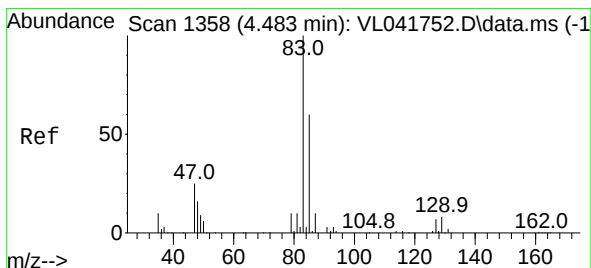
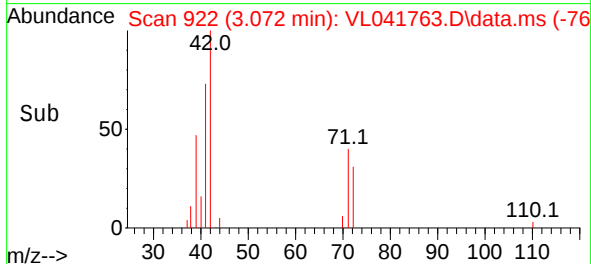
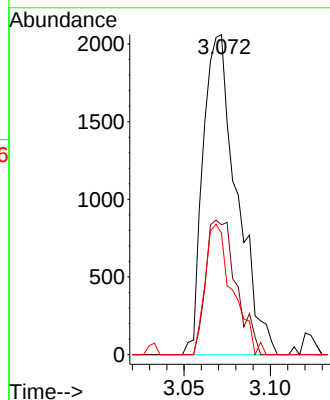
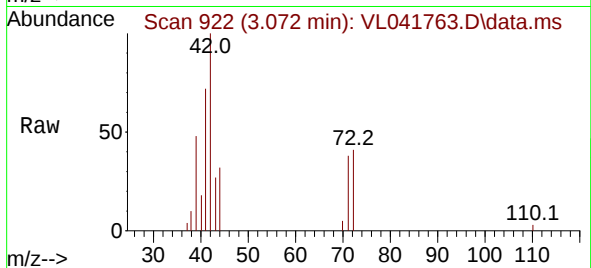
MDL 0.4

Tgt Ion:	42	Resp:	2810
Ion Ratio	Lower	Upper	
42	100		
72	37.8	29.1	43.7
71	33.1	28.4	42.6

Manual Integrations

APPROVED

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



#42

Bromodichloromethane

Concen: 0.356 ppbv m

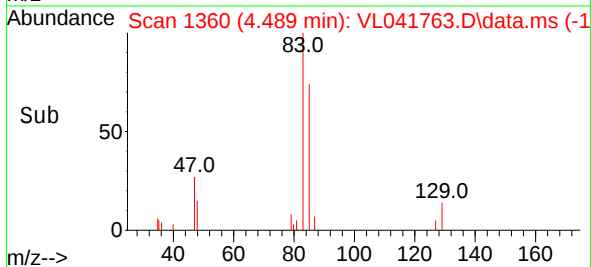
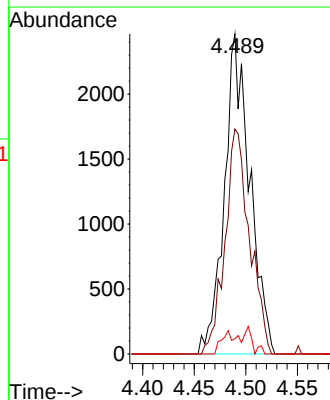
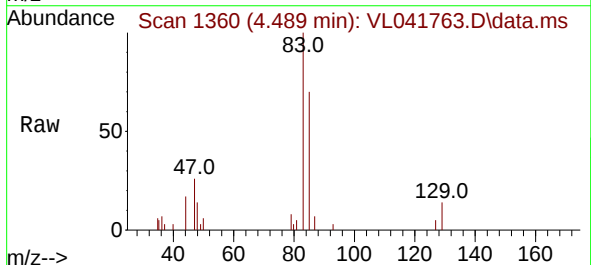
RT: 4.489 min Scan# 1360

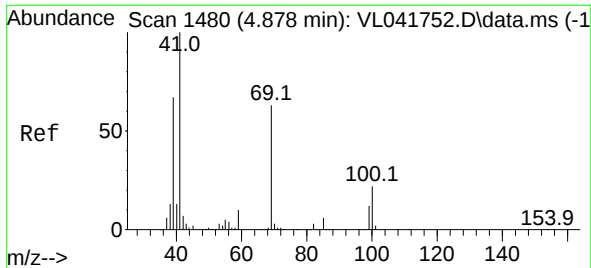
Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion:	83	Resp:	4214
Ion Ratio	Lower	Upper	
83	100		
85	70.3	48.0	72.0
127	4.8	5.8	8.8#





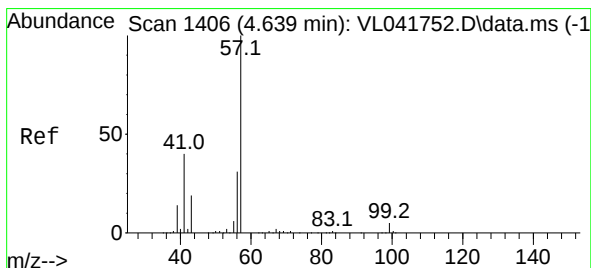
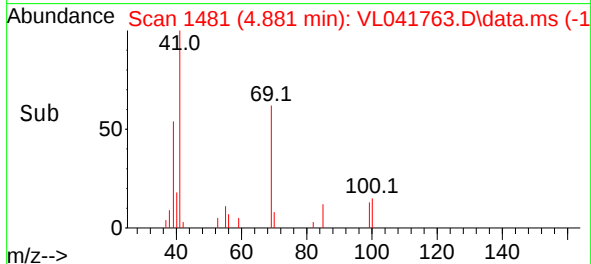
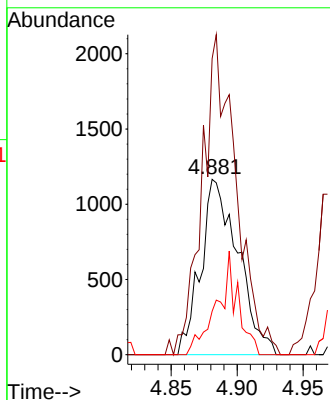
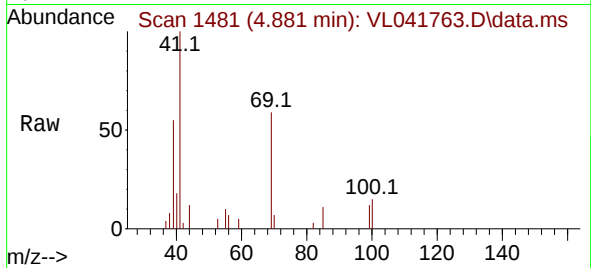
#43
Methyl Methacrylate
Concen: 0.364 ppbv m
RT: 4.881 min Scan# 1481
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 69 Resp: 2290
Ion Ratio Lower Upper
69 100
41 166.4 130.3 195.5
100 0.0 28.3 42.5

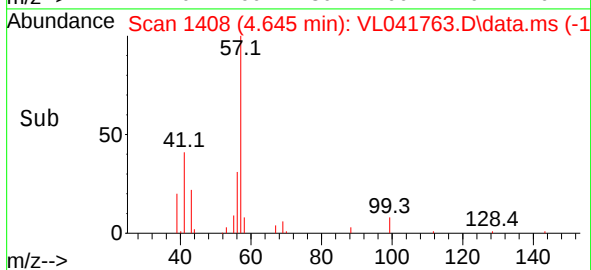
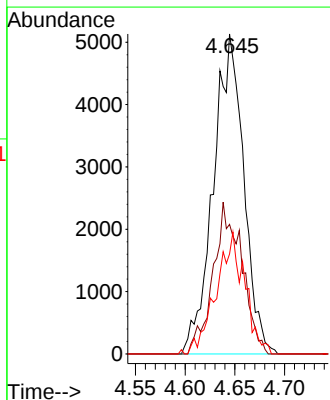
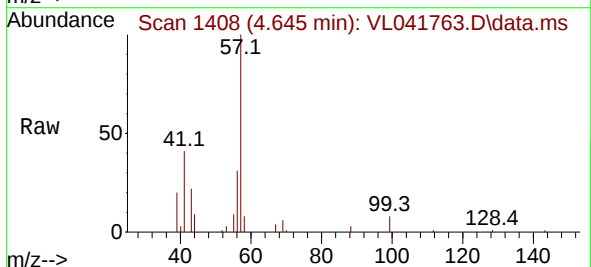
Manual Integrations
APPROVED

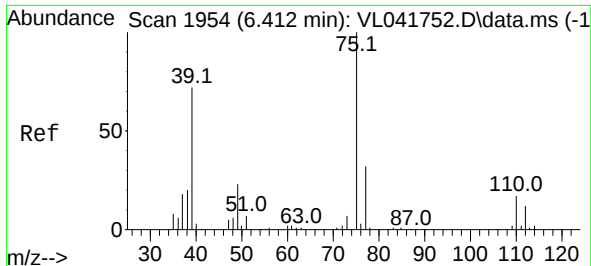
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44
2,2,4-Trimethylpentane
Concen: 0.387 ppbv m
RT: 4.645 min Scan# 1408
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 57 Resp: 10909
Ion Ratio Lower Upper
57 100
41 0.0 30.7 46.1#
56 35.7 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 0.278 ppbv m

RT: 6.428 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 75 Resp: 181

Ion Ratio Lower Upper

75 100

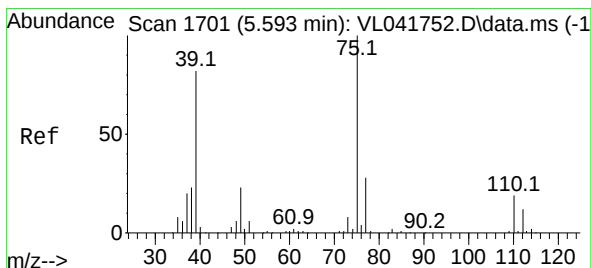
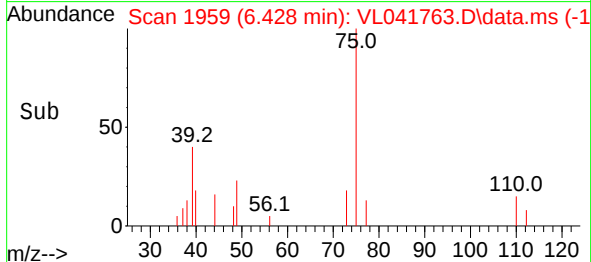
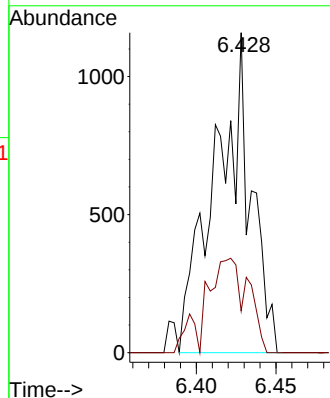
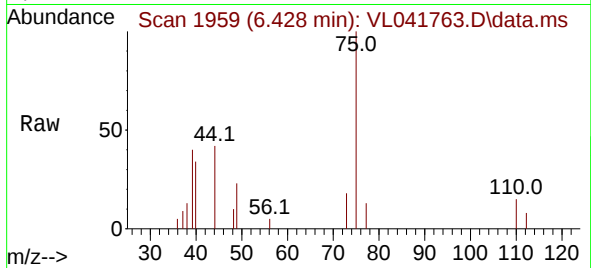
77 13.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#46

cis-1,3-Dichloropropene

Concen: 0.348 ppbv m

RT: 5.612 min Scan# 1707

Delta R.T. 0.019 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

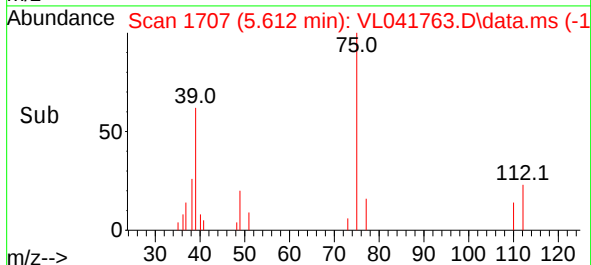
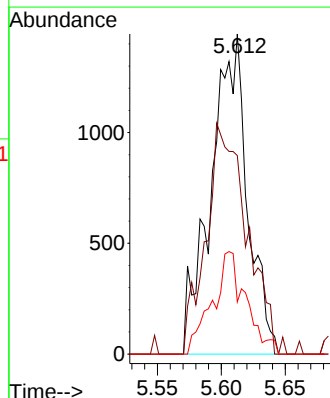
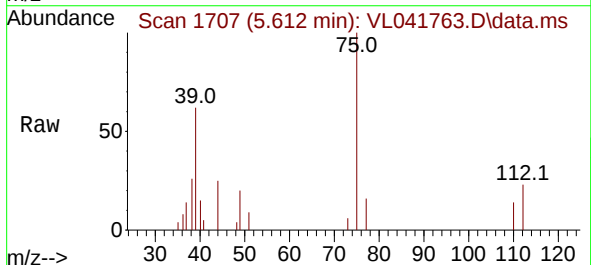
Tgt Ion: 75 Resp: 2875

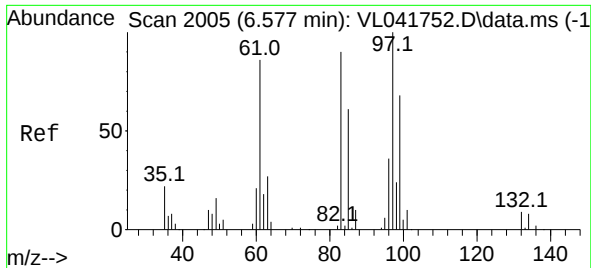
Ion Ratio Lower Upper

75 100

39 62.0 65.2 97.8#

77 16.3 22.0 33.0#





#47

1,1,2-Trichloroethane

Concen: 0.429 ppbv m

RT: 6.593 min Scan# 20

Delta R.T. 0.016 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 97 Resp: 2678

Ion Ratio Lower Upper

97 100

83 50.9 72.3 108.5

85 41.9 48.5 72.7

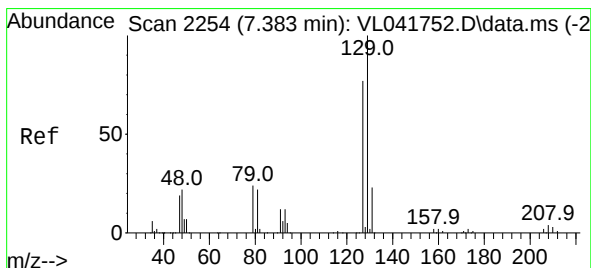
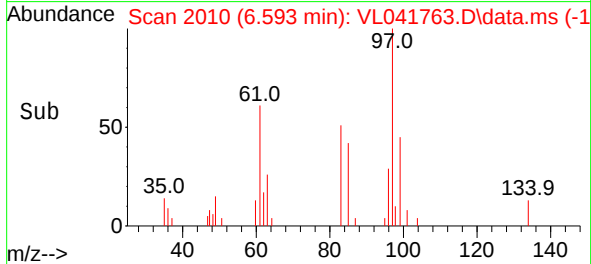
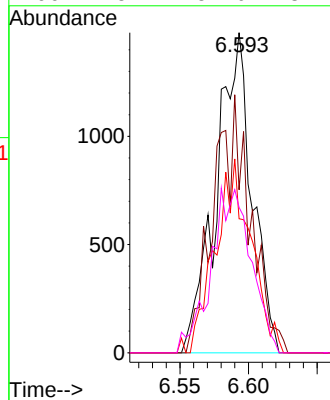
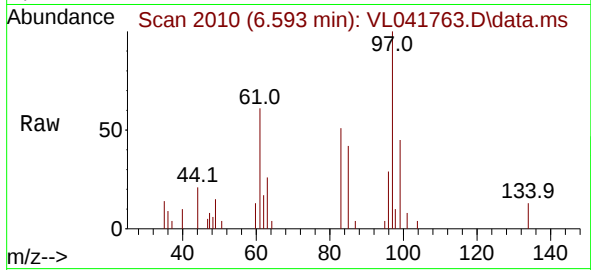
99 45.4 54.0 81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#48

Dibromochloromethane

Concen: 0.309 ppbv

RT: 7.393 min Scan# 2257

Delta R.T. 0.009 min

Lab File: VL041763.D

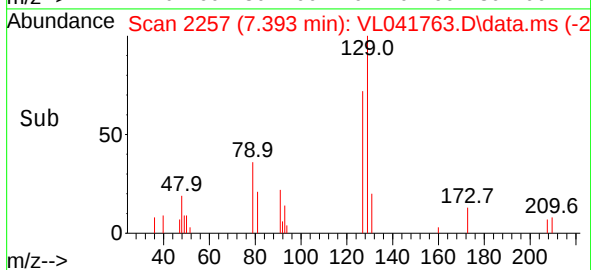
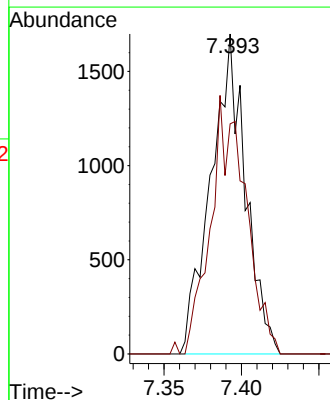
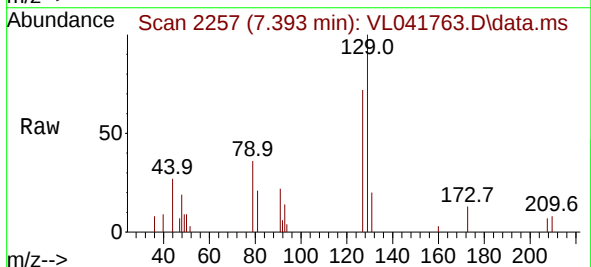
Acq: 16 Dec 2024 21:52

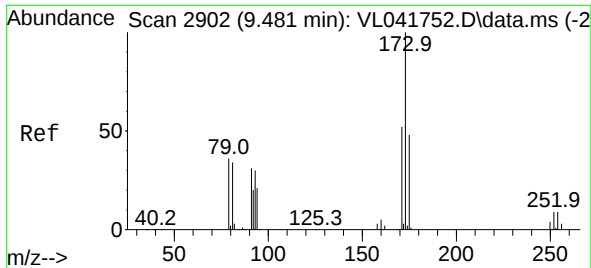
Tgt Ion:129 Resp: 2633

Ion Ratio Lower Upper

129 100

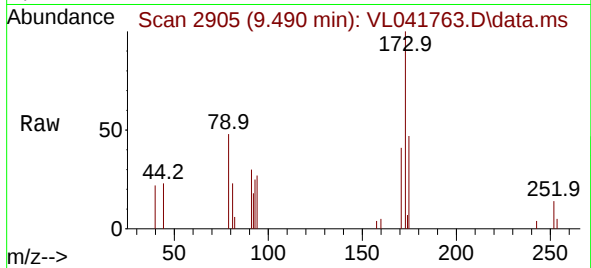
127 82.1 38.8 116.3





#49
Bromoform
Concen: 0.285 ppbv
RT: 9.490 min Scan# 2902
Delta R.T. 0.009 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

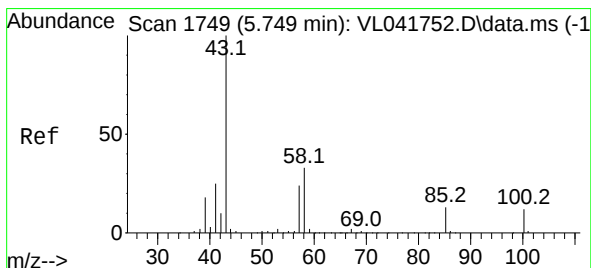
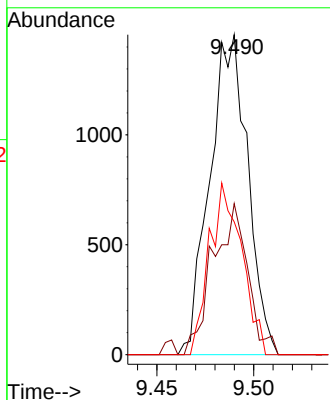
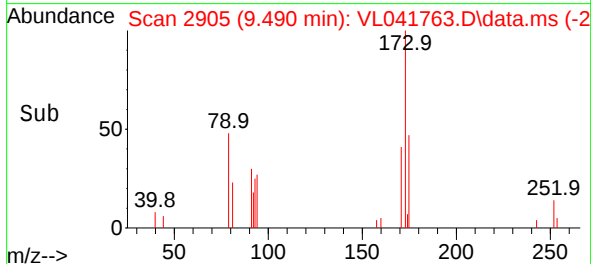
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 173 Resp: 1980
Ion Ratio Lower Upper
173 100
175 44.4 38.2 57.2
171 45.7 41.1 61.7

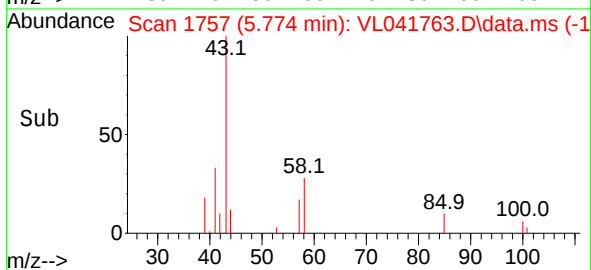
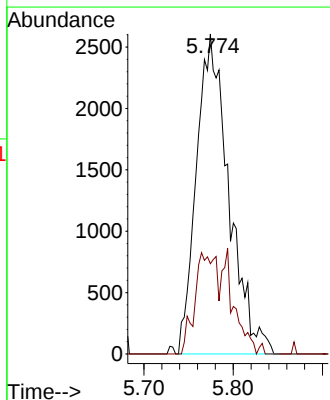
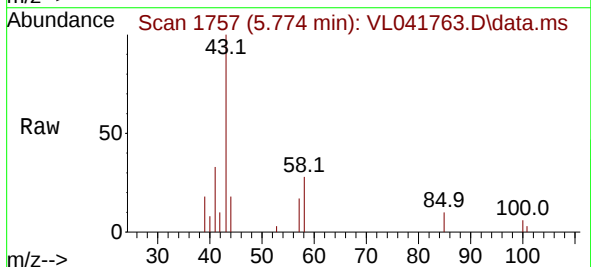
Manual Integrations
APPROVED

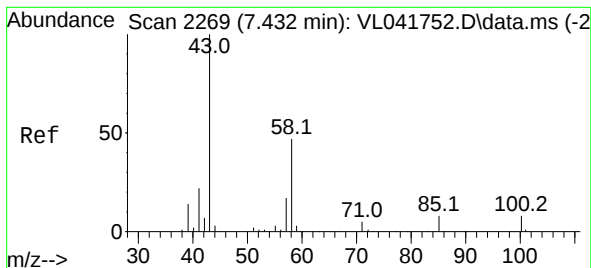
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
4-Methyl-2-Pentanone
Concen: 0.376 ppbv m
RT: 5.774 min Scan# 1757
Delta R.T. 0.025 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 43 Resp: 6576
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#





#51

2-Hexanone

Concen: 0.340 ppbv m

RT: 7.461 min Scan# 2278

Delta R.T. 0.029 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

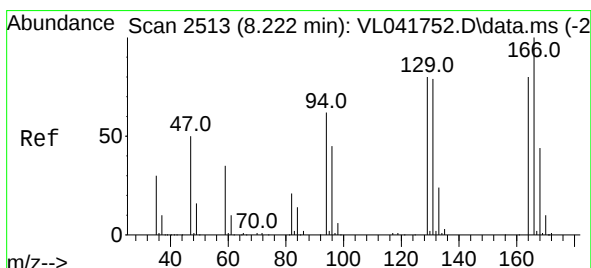
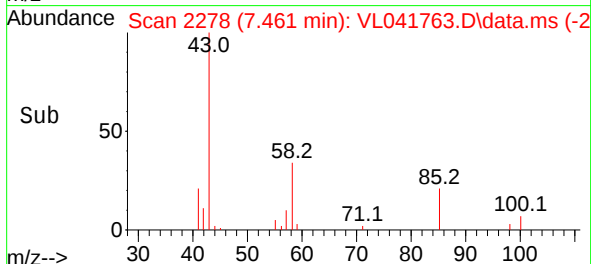
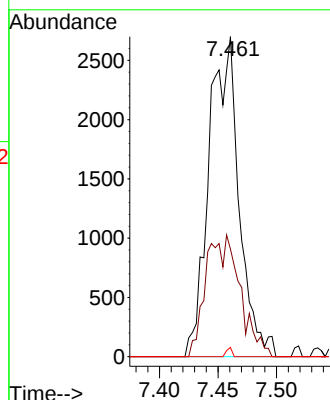
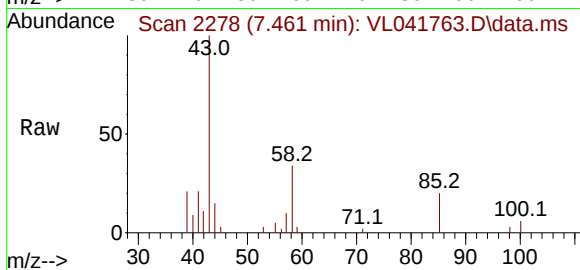
Tgt Ion: 43 Resp: 4819

Ion	Ratio	Lower	Upper
43	100		
58	0.0	36.6	55.0
98	0.0	0.1	0.1

Manual Integrations

APPROVED

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



#52

Tetrachloroethene

Concen: 0.406 ppbv

RT: 8.228 min Scan# 2515

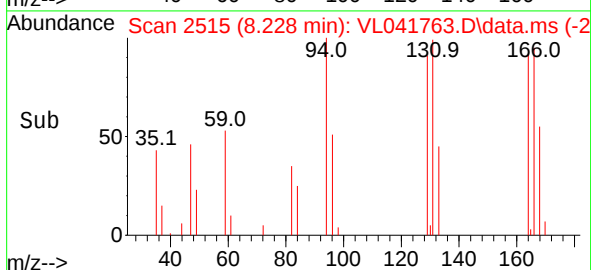
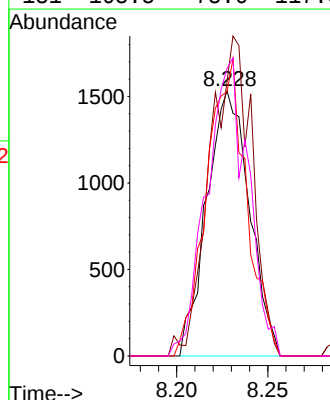
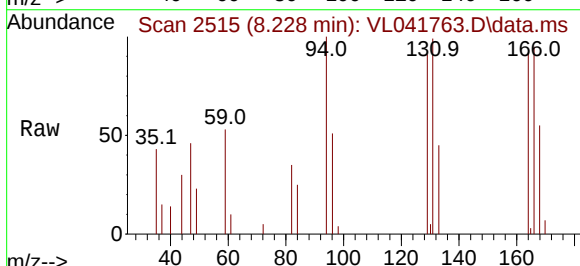
Delta R.T. 0.006 min

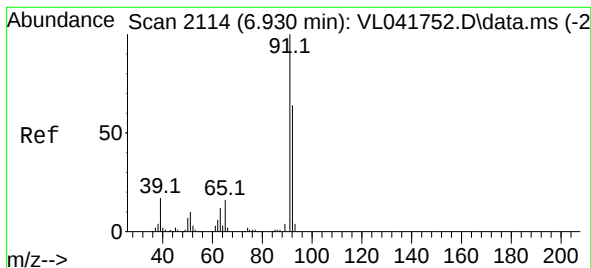
Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion:164 Resp: 2497

Ion	Ratio	Lower	Upper
164	100		
166	103.7	99.8	149.6
129	99.6	79.6	119.4
131	108.5	78.6	117.8





#53

Toluene

Concen: 0.369 ppbv m

RT: 6.936 min Scan# 2114

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 91 Resp: 690

Ion Ratio Lower Upper

91 100

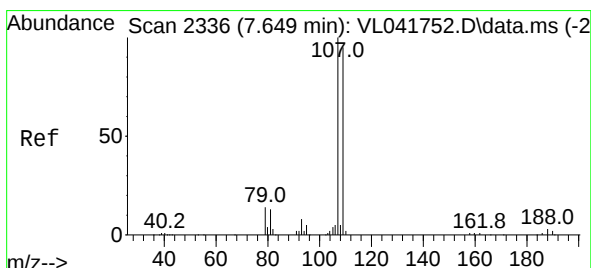
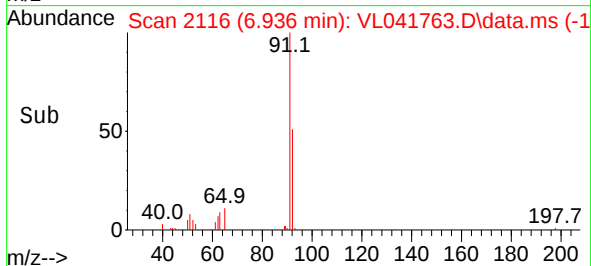
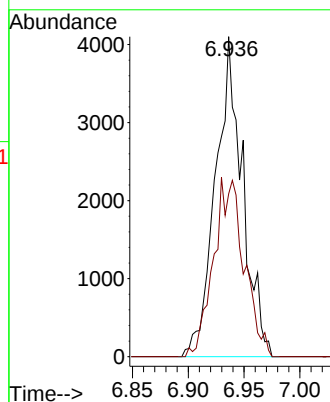
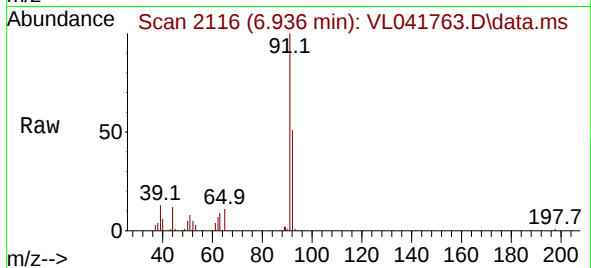
92 63.0 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#54

1,2-Dibromoethane

Concen: 0.372 ppbv m

RT: 7.655 min Scan# 2338

Delta R.T. 0.006 min

Lab File: VL041763.D

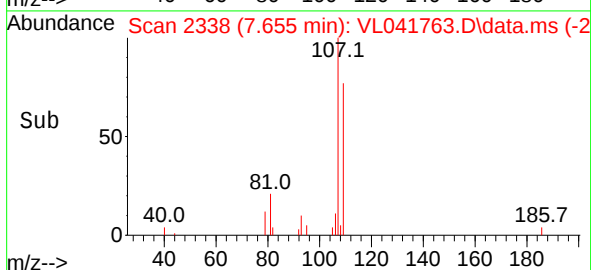
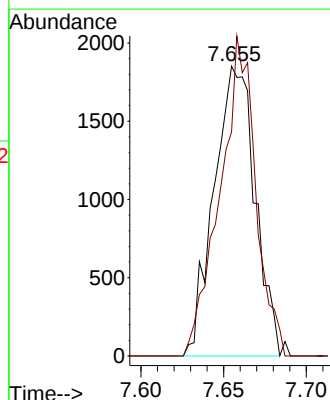
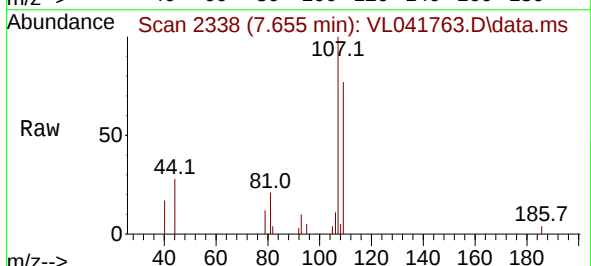
Acq: 16 Dec 2024 21:52

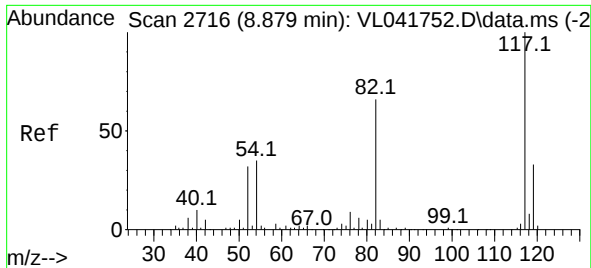
Tgt Ion:107 Resp: 3197

Ion Ratio Lower Upper

107 100

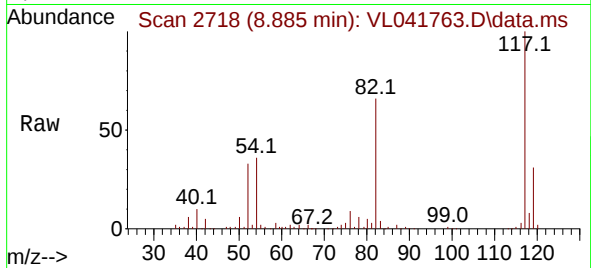
109 77.3 75.9 113.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2716
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

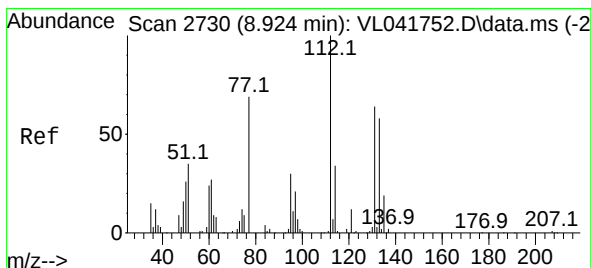
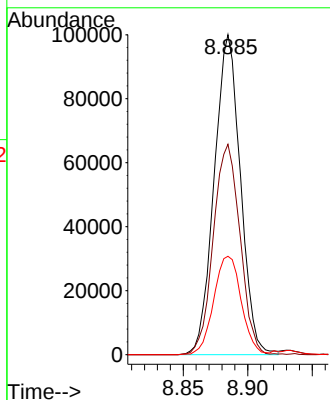
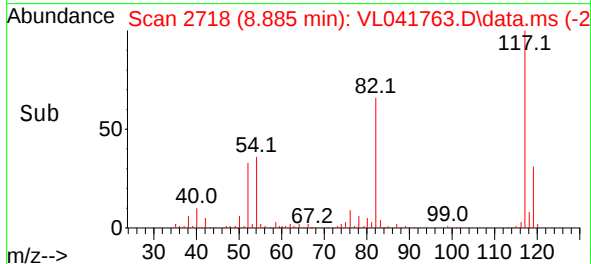
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:117 Resp: 141129
Ion Ratio Lower Upper
117 100
82 67.1 53.8 80.8
119 33.6 26.7 40.1

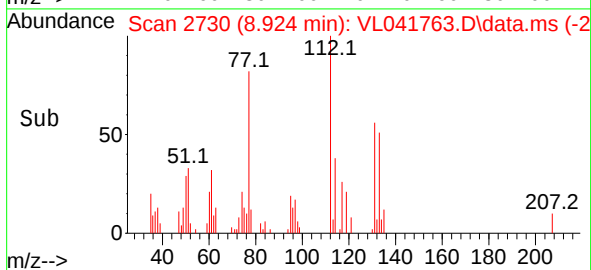
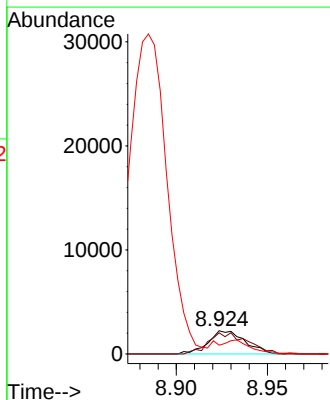
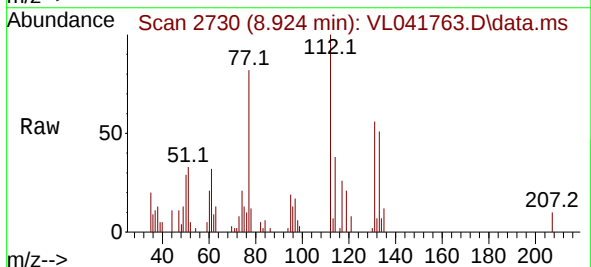
Manual Integrations
APPROVED

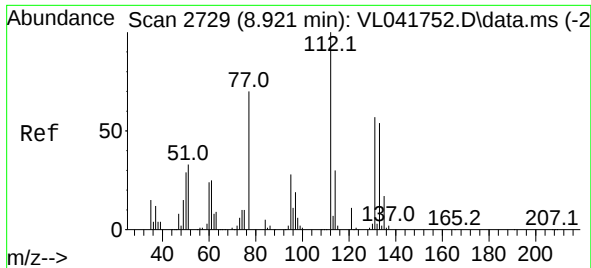
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.418 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion:131 Resp: 3128
Ion Ratio Lower Upper
131 100
133 98.3 76.8 115.2
119 1514.9 49.0 73.6#





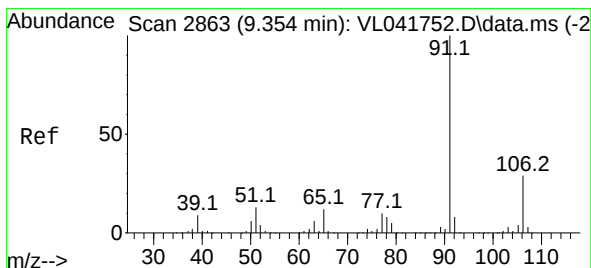
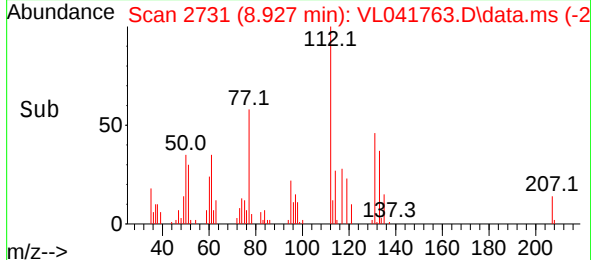
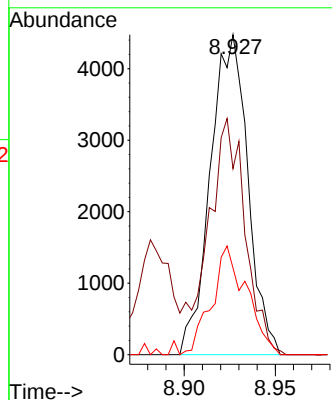
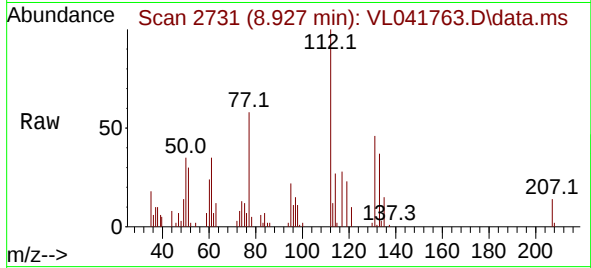
#57
Chlorobenzene
Concen: 0.442 ppbv
RT: 8.927 min Scan# 2729
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:112 Resp: 6380
Ion Ratio Lower Upper
112 100
77 56.9 57.4 86.0
114 29.1 27.4 33.4

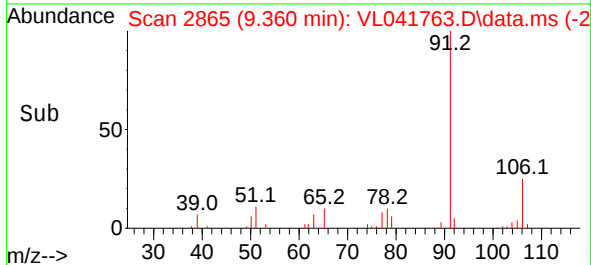
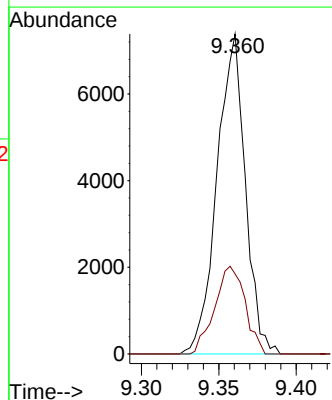
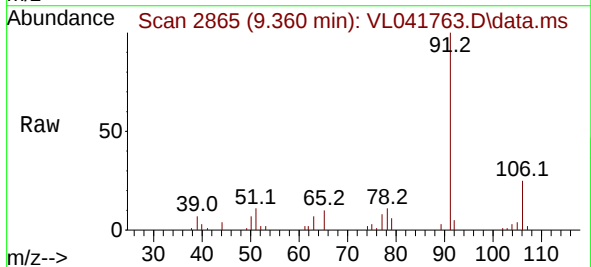
Manual Integrations
APPROVED

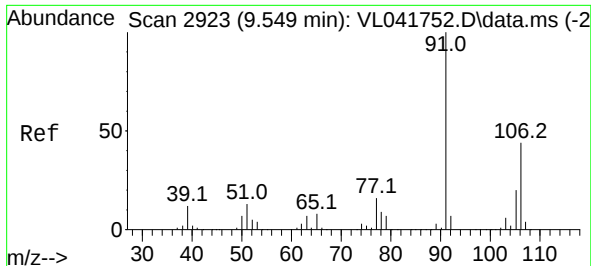
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
Ethyl Benzene
Concen: 0.370 ppbv
RT: 9.360 min Scan# 2865
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 91 Resp: 9390
Ion Ratio Lower Upper
91 100
106 25.0 23.5 35.3





#59

m/p-Xylene

Concen: 0.751 ppbv m

RT: 9.542 min Scan# 2923

Delta R.T. -0.007 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 91 Resp: 1534

Ion Ratio Lower Upper

91 100

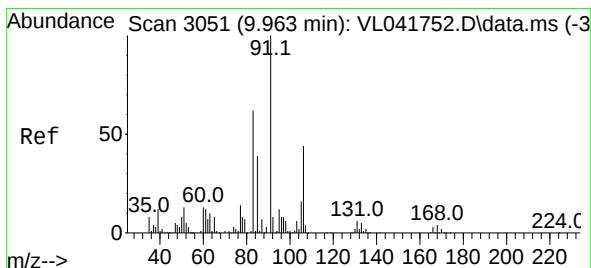
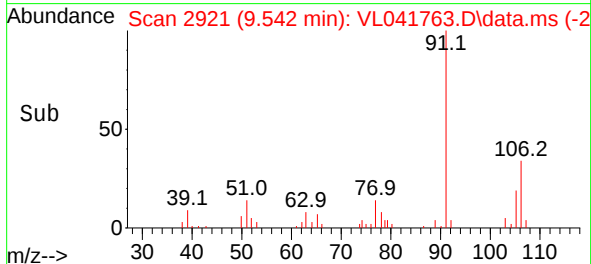
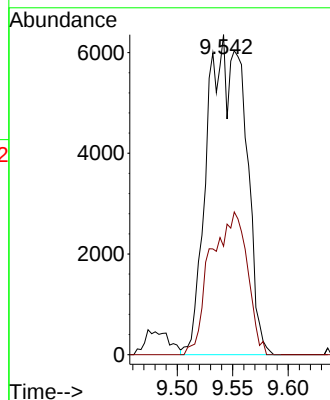
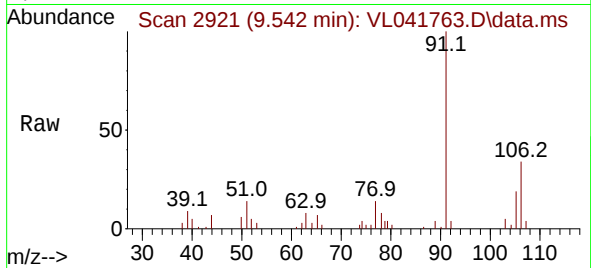
106 42.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#60

o-Xylene

Concen: 0.345 ppbv m

RT: 9.969 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VL041763.D

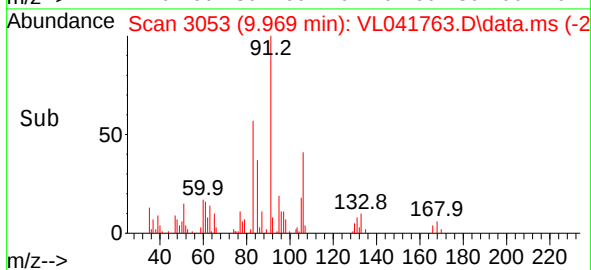
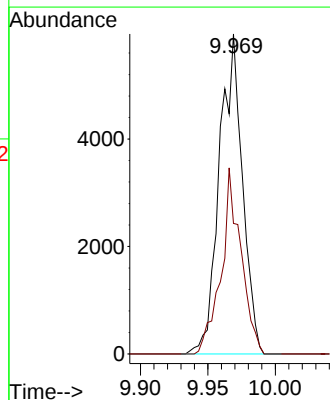
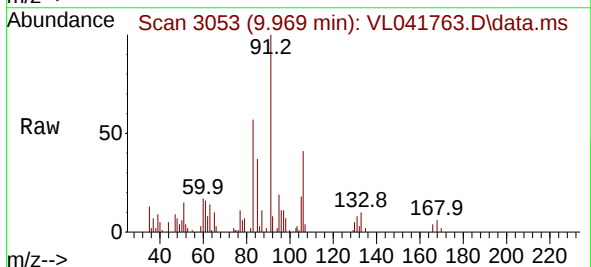
Acq: 16 Dec 2024 21:52

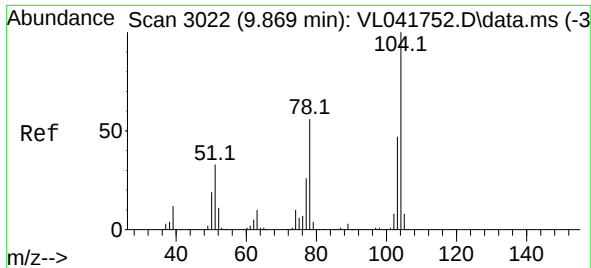
Tgt Ion: 91 Resp: 7072

Ion Ratio Lower Upper

91 100

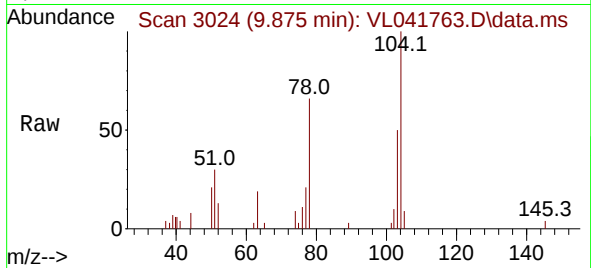
106 50.0 21.1 63.4





#61
Styrene
Concen: 0.295 ppbv
RT: 9.875 min Scan# 3022
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

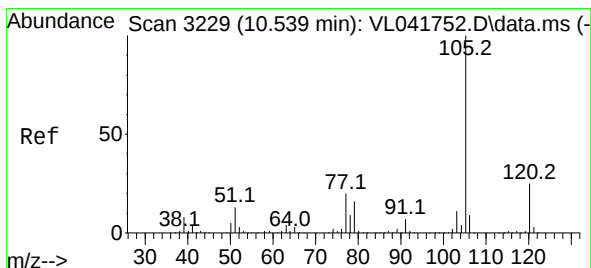
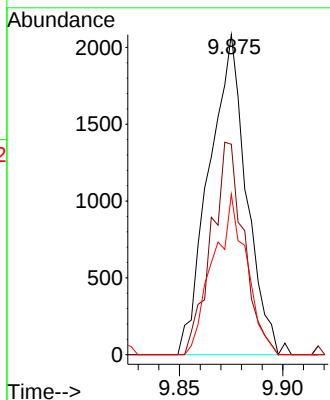
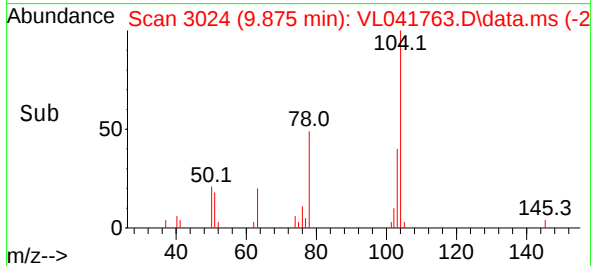
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



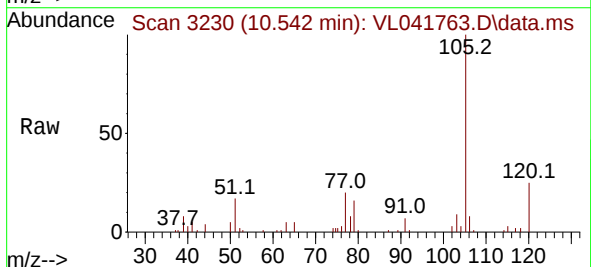
Tgt Ion:104 Resp: 261
Ion Ratio Lower Upper
104 100
78 57.8 43.8 65.6
103 45.2 37.8 56.6

Manual Integrations
APPROVED

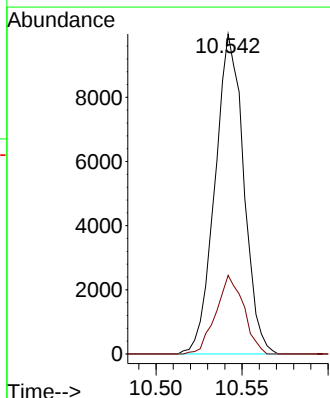
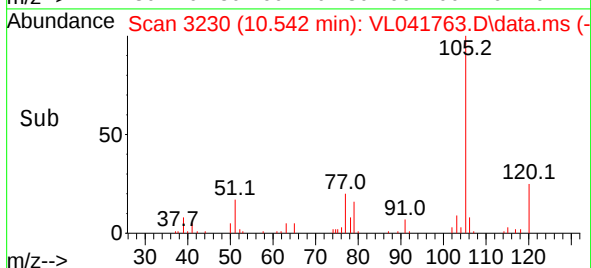
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

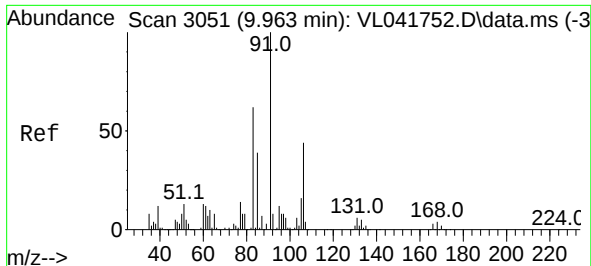


#62
Isopropylbenzene
Concen: 0.376 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52



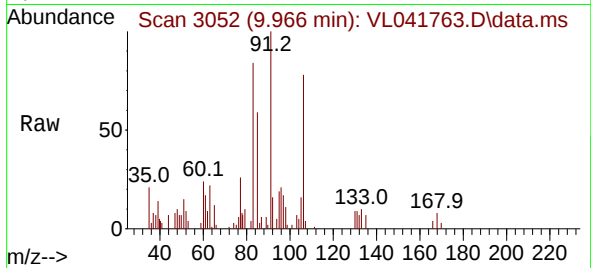
Tgt Ion:105 Resp: 11584
Ion Ratio Lower Upper
105 100
120 23.7 19.8 29.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.404 ppbv
RT: 9.966 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

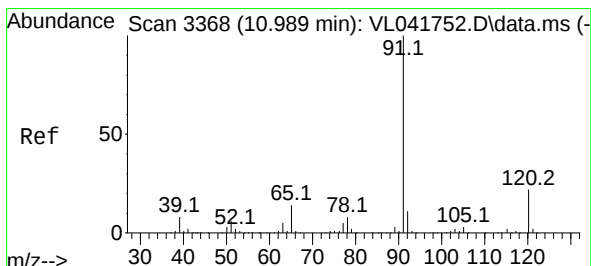
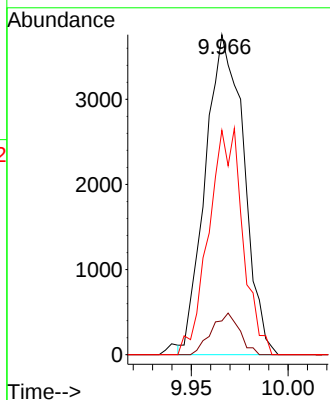
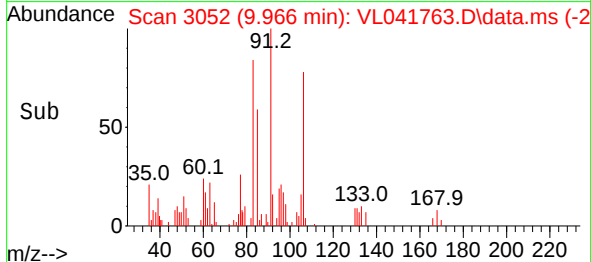
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



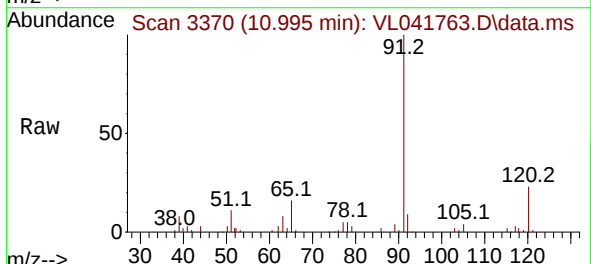
Tgt Ion: 83 Resp: 5189
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.7
85 62.6 32.0 96.2

Manual Integrations
APPROVED

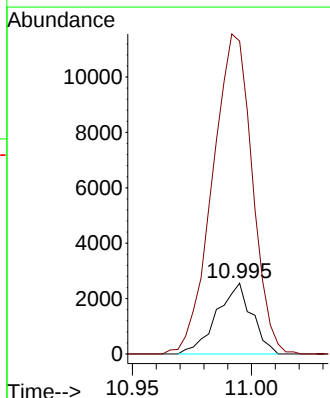
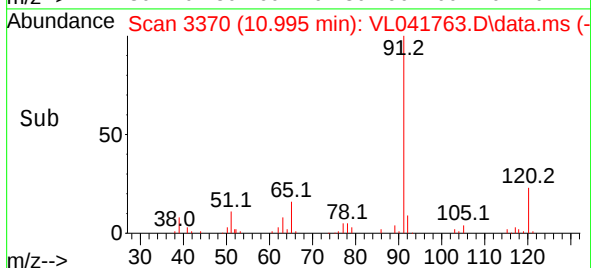
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

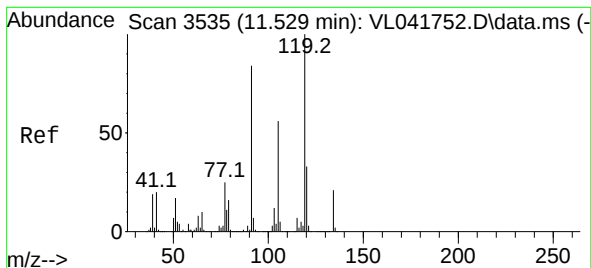


#64
n-propylbenzene
Concen: 0.336 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52



Tgt Ion:120 Resp: 2616
Ion Ratio Lower Upper
120 100
91 513.1 387.3 580.9





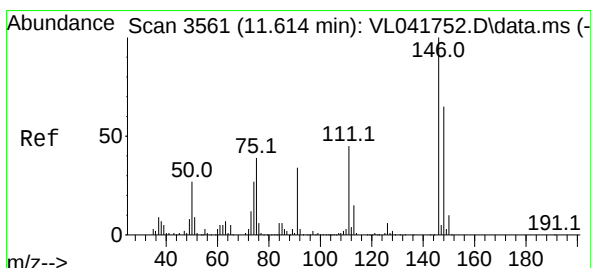
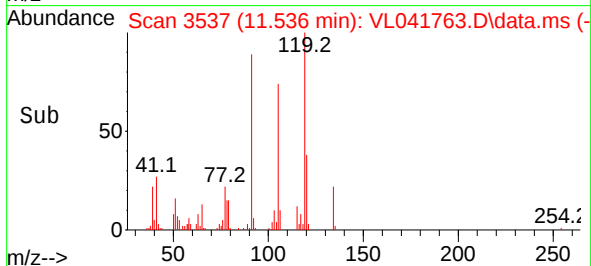
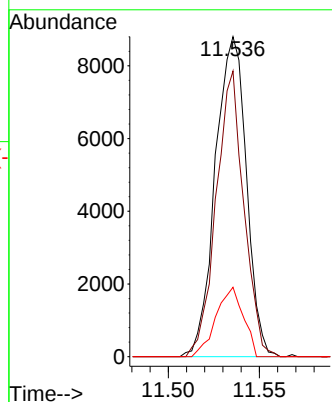
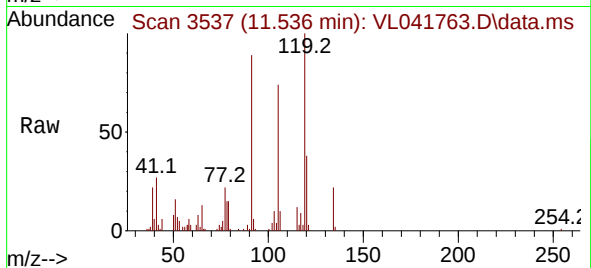
#65
tert-Butylbenzene
Concen: 0.375 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:119 Resp: 1042
Ion Ratio Lower Upper
119 100
91 79.6 67.0 100.4
134 19.1 16.5 24.7

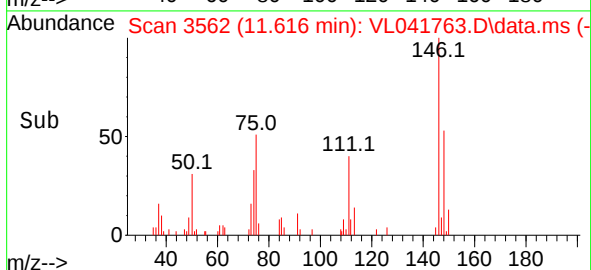
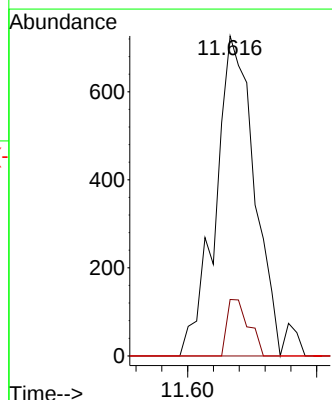
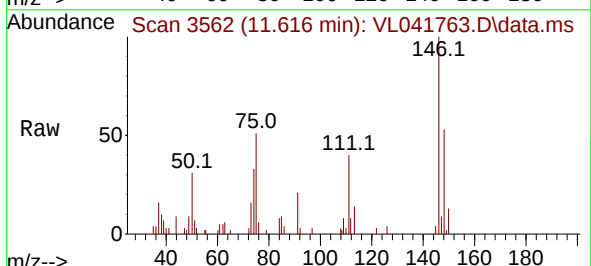
Manual Integrations
APPROVED

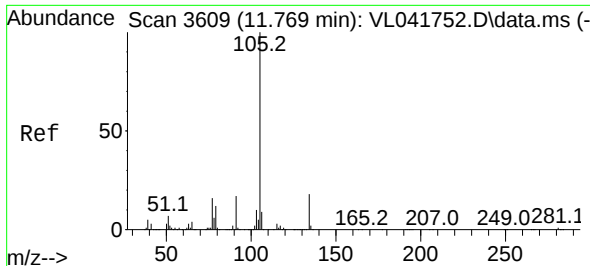
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#66
Benzyl Chloride
Concen: 0.311 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

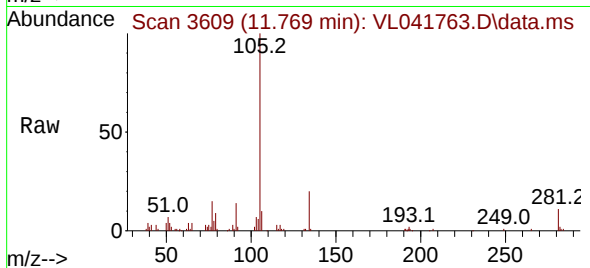
Tgt Ion: 91 Resp: 760
Ion Ratio Lower Upper
91 100
126 9.9 13.9 20.9#
128 0.0 4.4 6.6#





#67
sec-Butylbenzene
Concen: 0.377 ppbv
RT: 11.769 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

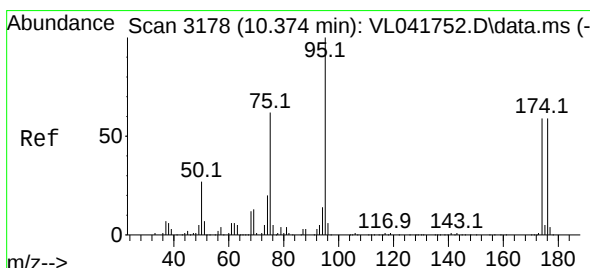
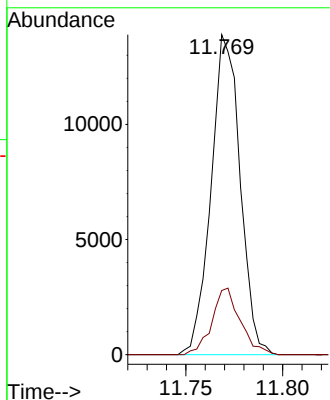
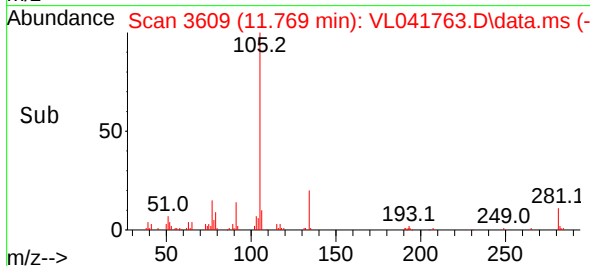
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



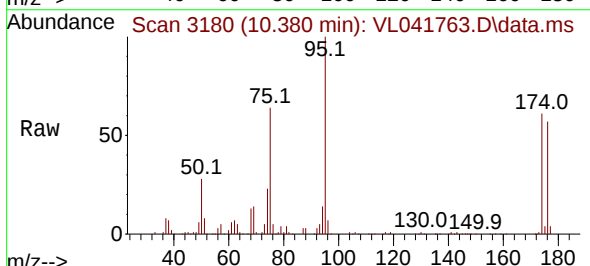
Tgt Ion: 105 Resp: 14500
Ion Ratio Lower Upper
105 100
134 20.3 14.5 21.7

Manual Integrations
APPROVED

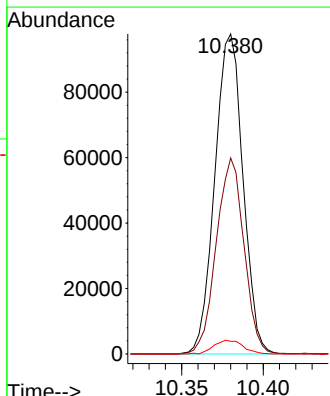
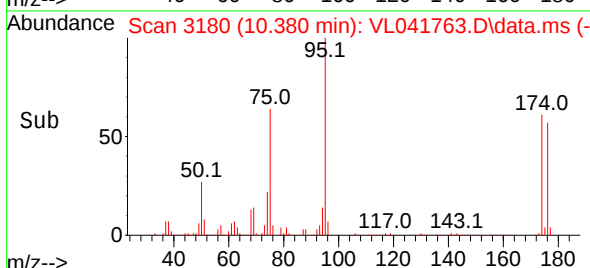
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

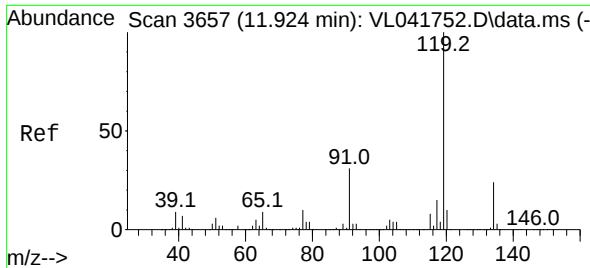


#68
1-Bromo-4-Fluorobenzene
Concen: 9.978 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52



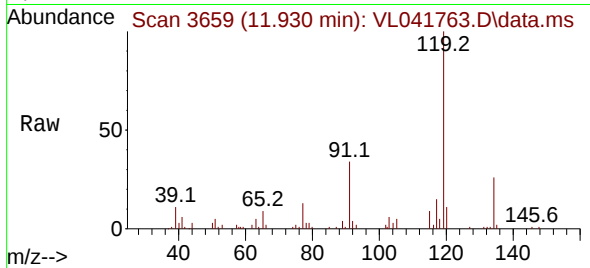
Tgt Ion: 95 Resp: 117349
Ion Ratio Lower Upper
95 100
174 60.3 47.6 71.4
175 4.4 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.332 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

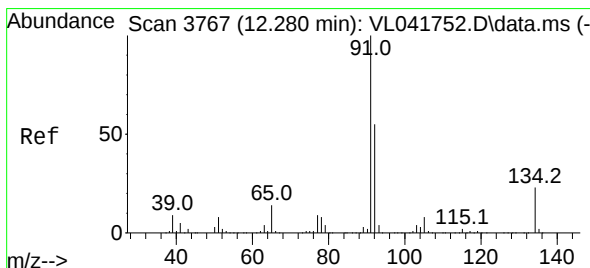
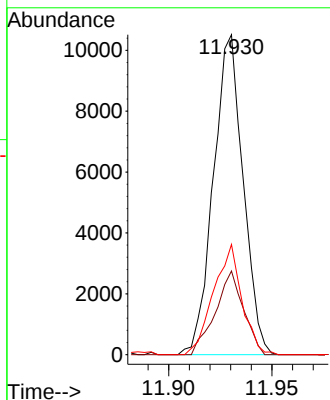
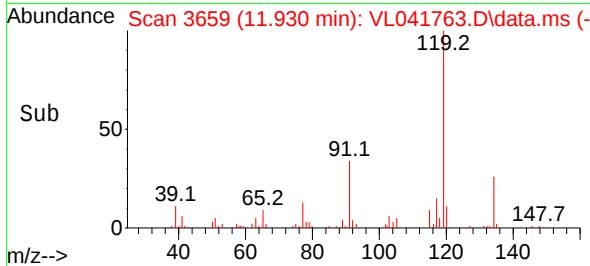
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



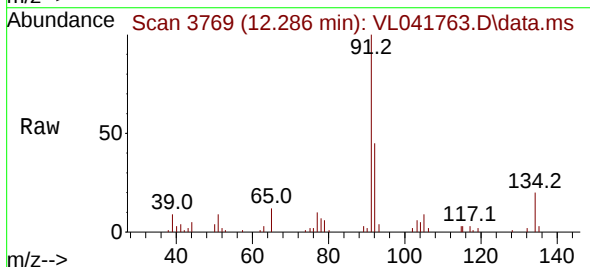
Tgt Ion: 119 Resp: 10524
Ion Ratio Lower Upper
119 100
134 24.9 19.6 29.4
91 33.5 24.4 36.6

Manual Integrations
APPROVED

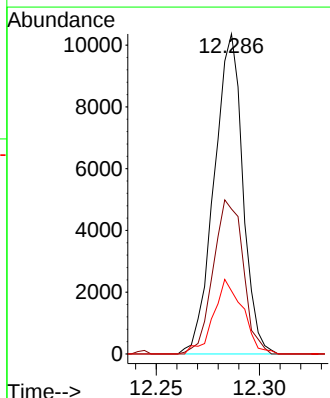
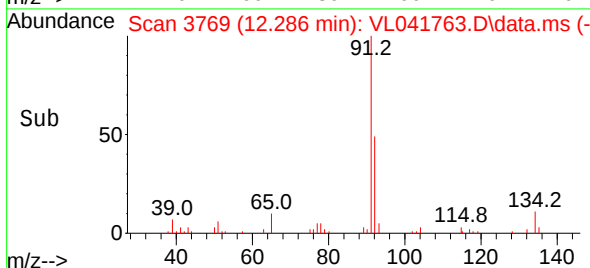
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

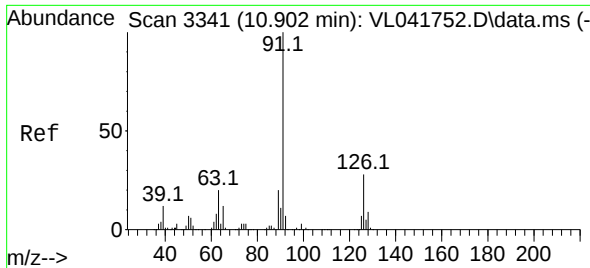


#70
n-Butylbenzene
Concen: 0.327 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52



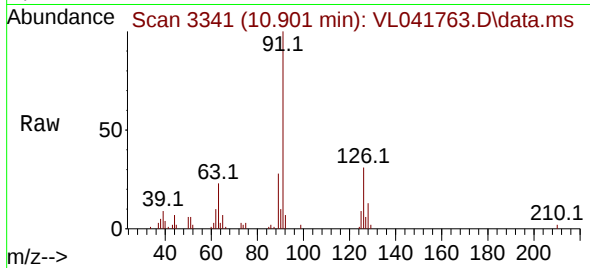
Tgt Ion: 91 Resp: 9991
Ion Ratio Lower Upper
91 100
92 50.8 43.2 64.8
134 23.9 18.2 27.4





#71
2-Chlorotoluene
Concen: 0.372 ppbv
RT: 10.901 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

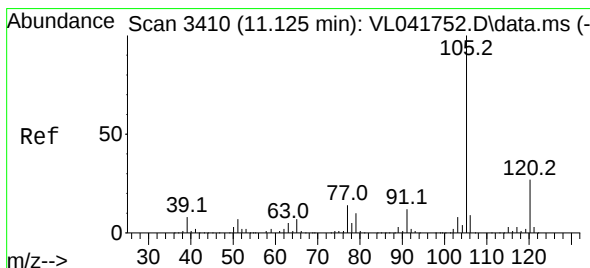
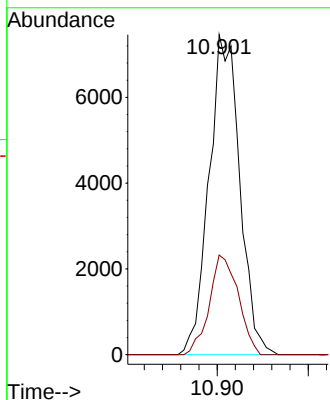
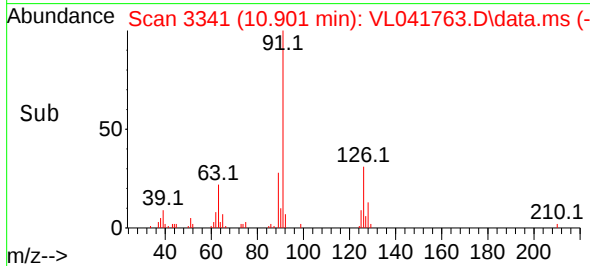
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



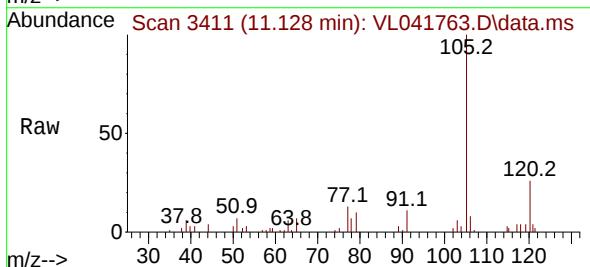
Tgt Ion: 91 Resp: 8740
Ion Ratio Lower Upper
91 100
126 29.3 11.6 46.4

Manual Integrations
APPROVED

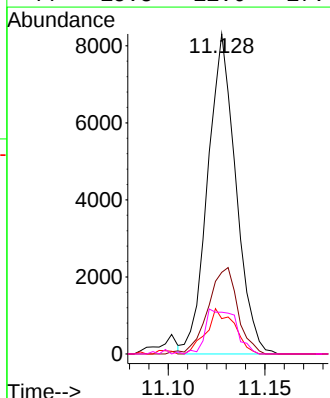
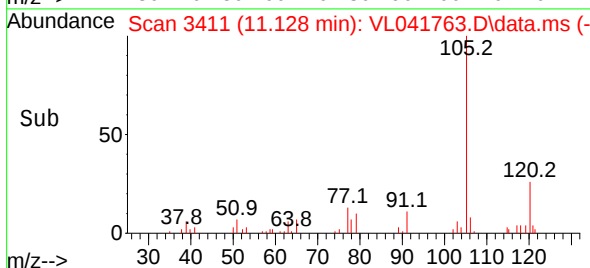
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

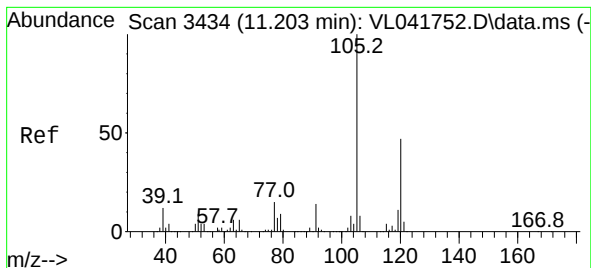


#72
4-Ethyltoluene
Concen: 0.347 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52



Tgt Ion:105 Resp: 8385
Ion Ratio Lower Upper
105 100
120 28.4 23.3 34.9
91 14.8 10.9 16.3
77 15.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.342 ppbv

RT: 11.209 min Scan# 3434

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion:105 Resp: 6863

Ion Ratio Lower Upper

105 100

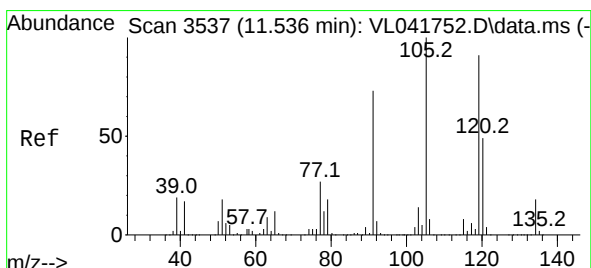
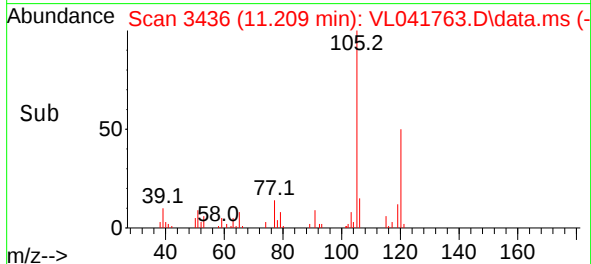
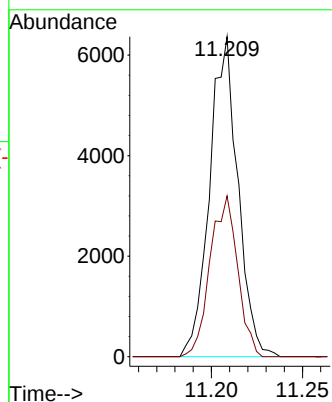
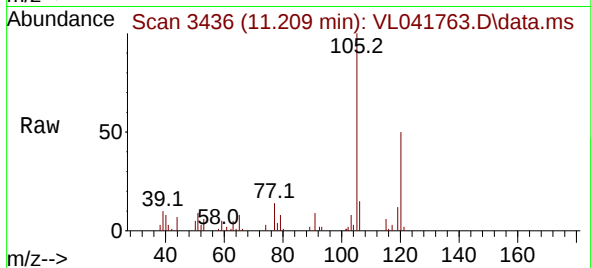
120 50.3 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.348 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion:105 Resp: 7498

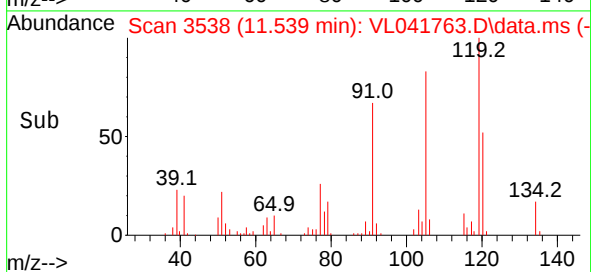
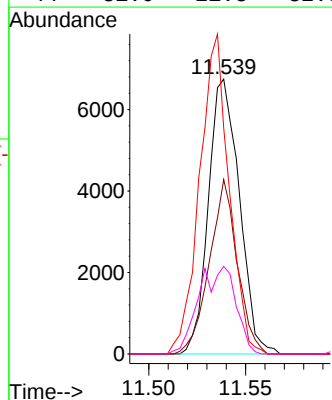
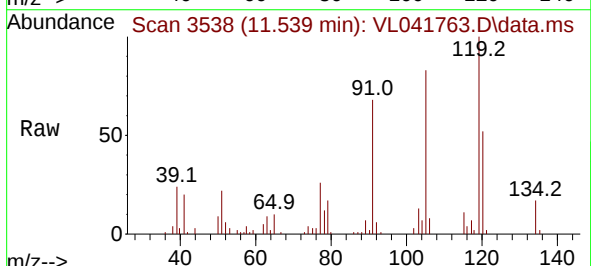
Ion Ratio Lower Upper

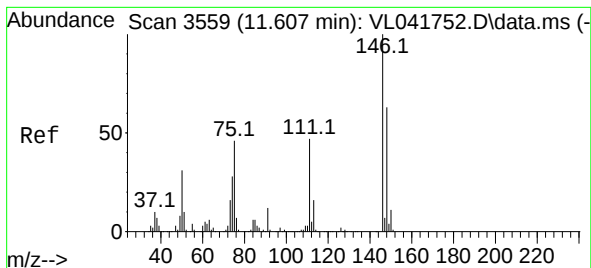
105 100

120 63.4 39.0 58.4#

91 82.2 58.1 87.1

77 31.9 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 0.434 ppbv

RT: 11.610 min Scan# 3559

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

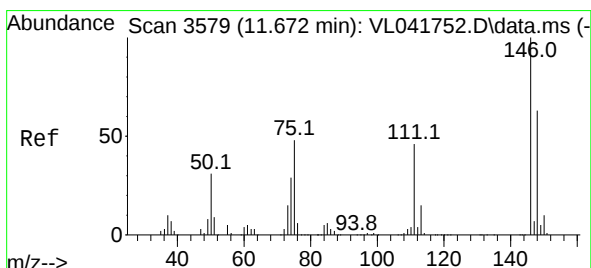
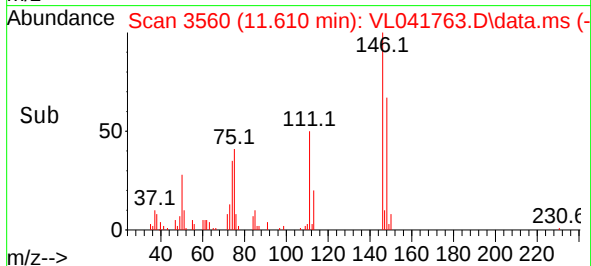
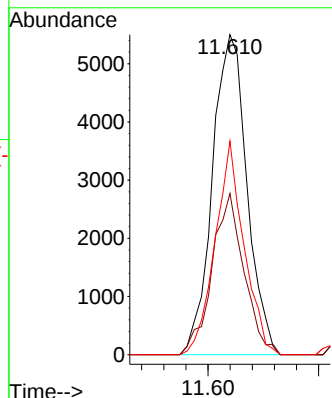
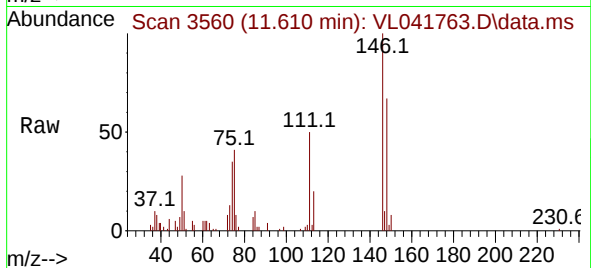
MDL 0.4

Tgt Ion:146	Resp:	5973
Ion Ratio	Lower	Upper
146	100	
111	46.6	23.4 70.3
148	55.9	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: 0.425 ppbv

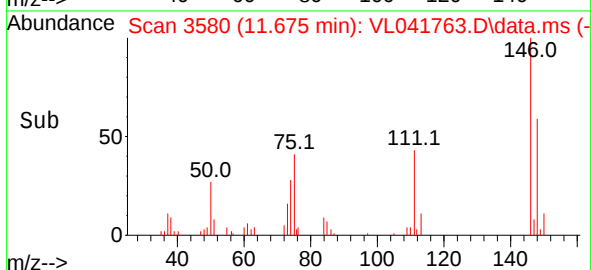
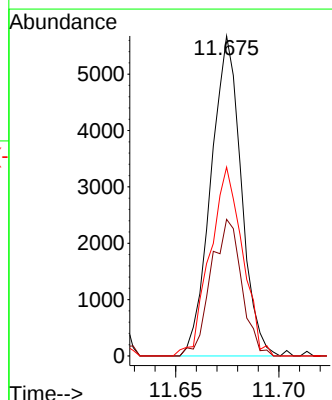
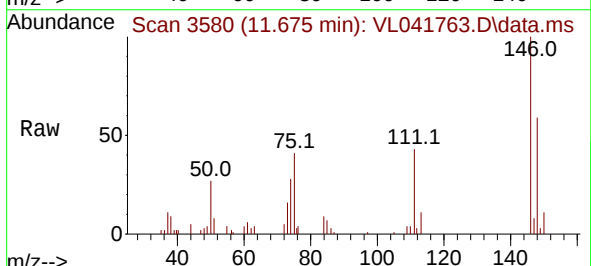
RT: 11.675 min Scan# 3580

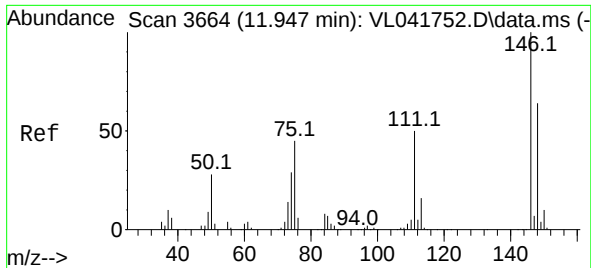
Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

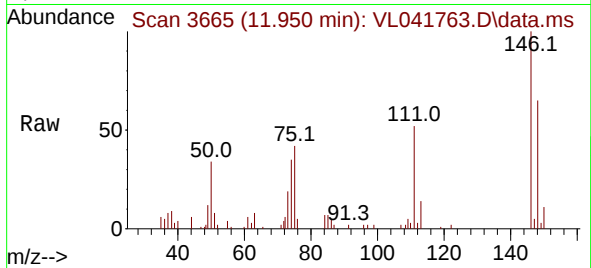
Tgt Ion:146	Resp:	5780
Ion Ratio	Lower	Upper
146	100	
111	43.3	22.7 68.1
148	63.4	31.4 94.0





#77
1,2-Dichlorobenzene
Concen: 0.428 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

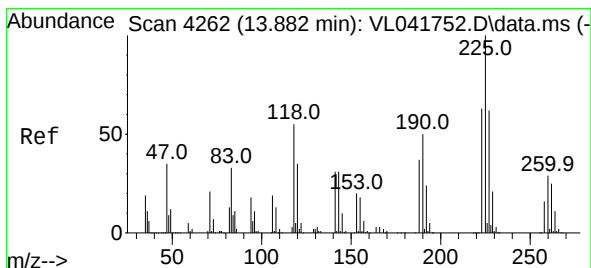
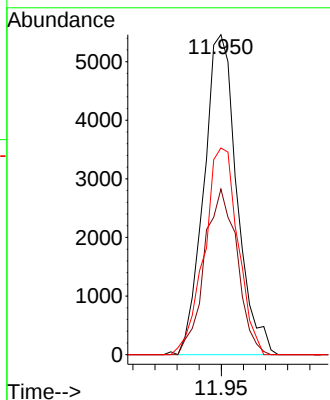
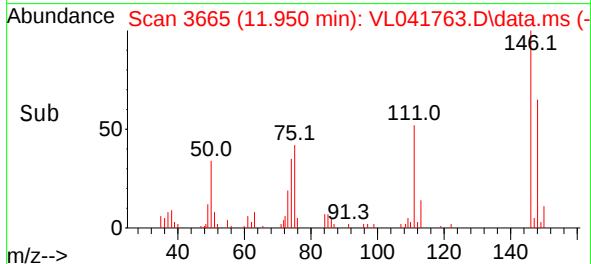
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



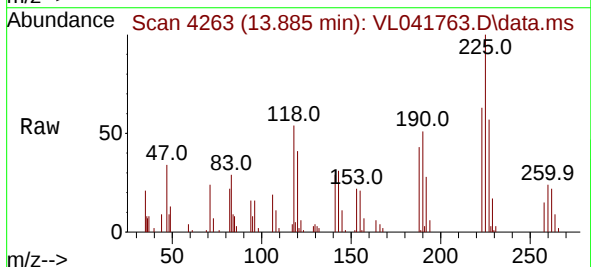
Tgt Ion:146 Resp: 5668
Ion Ratio Lower Upper
146 100
111 51.3 24.8 74.3
148 65.8 31.8 95.4

Manual Integrations
APPROVED

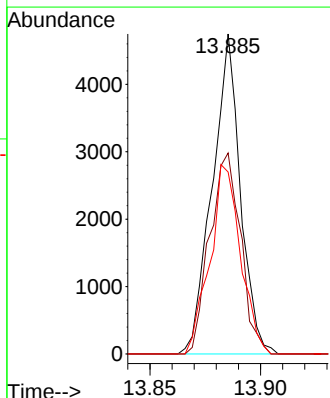
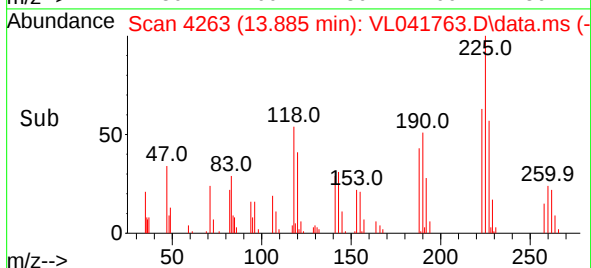
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

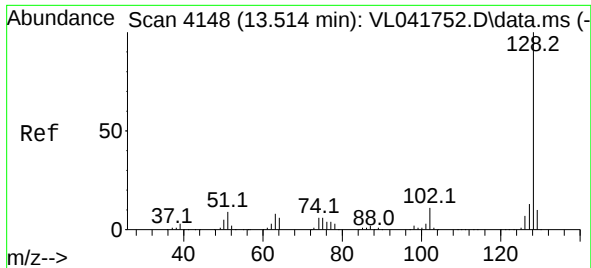


#78
Hexachloro-1,3-Butadiene
Concen: 0.427 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52



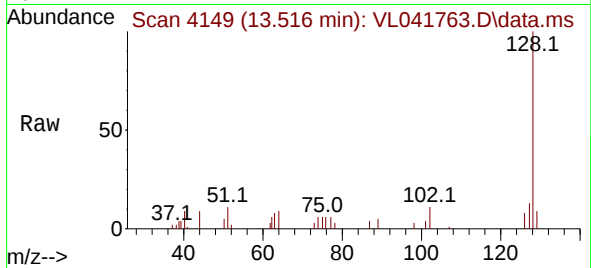
Tgt Ion:225 Resp: 4193
Ion Ratio Lower Upper
225 100
223 69.1 50.5 75.7
227 64.3 50.3 75.5





#79
Naphthalene
Concen: 0.260 ppbv
RT: 13.516 min Scan# 4148
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

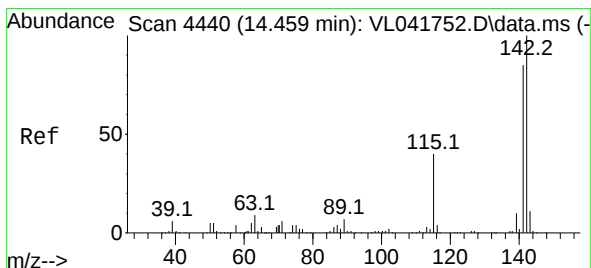
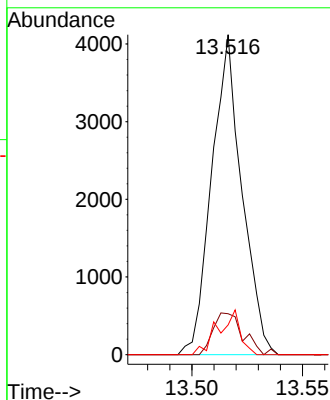
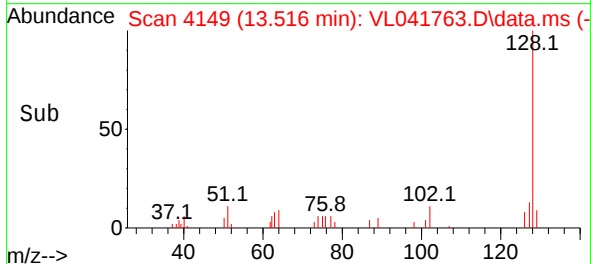
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



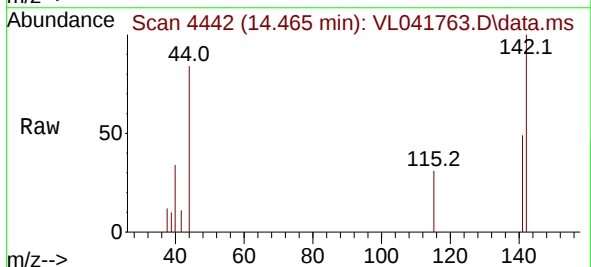
Tgt Ion:128 Resp: 3904
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 9.3 8.2 12.4

Manual Integrations
APPROVED

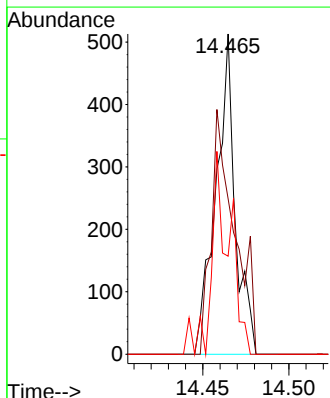
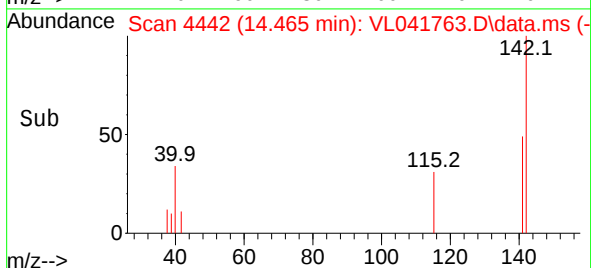
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

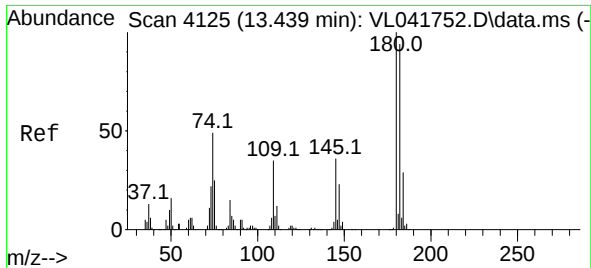


#80
Naphthalene,2-methyl-
Concen: 0.087 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52



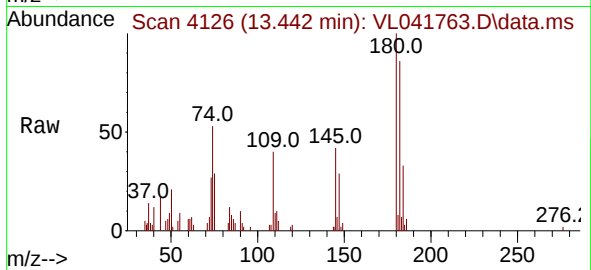
Tgt Ion:142 Resp: 403
Ion Ratio Lower Upper
142 100
141 91.8 68.4 102.6
115 59.8 32.5 48.7#





#81
1,2,4-Trichlorobenzene
Concen: 0.331 ppbv
RT: 13.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:180 Resp: 271
Ion Ratio Lower Upper
180 100
182 98.0 77.0 115.6
184 34.7 23.8 35.8

Manual Integrations
APPROVED

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

