

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041752.D
 Acq On : 16 Dec 2024 13:30
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 06:11:54 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 06:09:59 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	68599	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	183786	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	163333	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 138451 10.172 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.496	85	115385	9.453 ppbv	100
3) Chlorodifluoromethane	1.473	51	107429	9.603 ppbv	100
4) Chloromethane	1.531	50	43215	9.049 ppbv	100
5) Vinyl Chloride	1.580	62	42849	8.905 ppbv	100
6) Bromomethane	1.667	94	20252	8.919 ppbv	100
7) Chloroethane	1.703	64	17403	9.311 ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	100191	9.171 ppbv	100
9) Propene	1.483	41	43440	8.959 ppbv	100
10) Heptane	4.979	43	116969	9.391 ppbv	100
11) Trichlorofluoromethane	1.875	101	122831	9.474 ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.137	101	91977	9.327 ppbv	100
13) Ethanol	1.719	45	2484	6.161 ppbv	100
14) Bromoethene	1.781	108	32528	9.770 ppbv	100
15) Acetone	1.832	43	100229	7.509 ppbv	100
16) 1,3-Butadiene	1.606	39	46989	8.940 ppbv	100
17) tert-Butyl alcohol	2.036	59	125757	9.497 ppbv	100
18) 1,1-Dichloroethene	2.033	96	38775	9.379 ppbv	100
19) Isopropyl Alcohol	1.884	45	59026	7.370 ppbv	100
20) Methylene Chloride	2.059	84	32734	8.601 ppbv	100
21) Allyl Chloride	2.095	41	69406	9.588 ppbv	100
22) trans-1,2-Dichloroethene	2.337	96	43898	9.276 ppbv	100
23) Vinyl Acetate	2.457	43	54227	9.350 ppbv	100
24) 1,1-Dichloroethane	2.405	63	89912	9.386 ppbv	100
25) Ethyl Acetate	2.833	43	235305	9.432 ppbv	100
26) Hexane	2.823	57	89385	9.486 ppbv	100
27) Carbon Disulfide	2.150	76	92329	10.873 ppbv	100
28) Methyl tert-Butyl Ether	2.438	73	75330	9.854 ppbv	100
29) Chloroform	2.846	83	135099	9.408 ppbv	100
30) Cyclohexane	3.855	84	75156	9.374 ppbv	100
31) cis-1,2-Dichloroethene	2.719	61	91276	9.374 ppbv	100
32) 1,1,1-Trichloroethane	3.363	97	139102	9.733 ppbv	100
34) 2-Butanone	2.554	43	135331	9.153 ppbv	100
35) Carbon Tetrachloride	3.758	117	138952	10.650 ppbv	100
36) Benzene	3.655	78	179134	9.423 ppbv	100
37) 1,2-Dichloroethane	3.215	62	111770	9.449 ppbv	100
38) Trichloroethene	4.545	130	71297	8.907 ppbv	100
39) 1,2-Dichloropropane	4.309	63	64789	9.423 ppbv	100
40) 1,4-Dioxane	4.580	88	30658	9.128 ppbv #	100
41) Tetrahydrofuran	3.049	42	78480	9.474 ppbv	100
42) Bromodichloromethane	4.483	83	142819	10.494 ppbv	100
43) Methyl Methacrylate	4.878	69	72578	10.020 ppbv	100
44) 2,2,4-Trimethylpentane	4.639	57	307748	9.479 ppbv	100
45) t-1,3-Dichloropropene	6.412	75	77752	10.378 ppbv	100

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

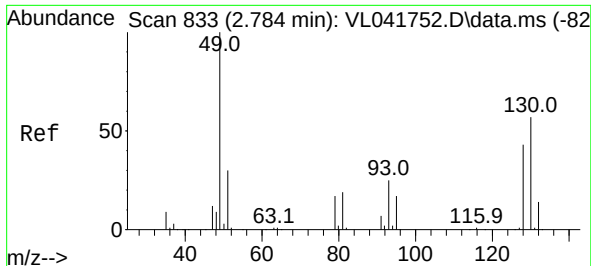
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Dec 19 06:09:59 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	97992	10.303	ppbv	100
47) 1,1,2-Trichloroethane	6.577	97	67550	9.406	ppbv	100
48) Dibromochloromethane	7.383	129	108899	11.105	ppbv	100
49) Bromoform	9.481	173	91587	11.410	ppbv	100
50) 4-Methyl-2-Pentanone	5.749	43	194838	9.678	ppbv	100
51) 2-Hexanone	7.432	43	157473	9.650	ppbv	100
52) Tetrachloroethene	8.222	164	62989	8.901	ppbv	100
53) Toluene	6.930	91	206354	9.574	ppbv	100
54) 1,2-Dibromoethane	7.649	107	94016	9.501	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.924	131	86831	10.027	ppbv	100
57) Chlorobenzene	8.921	112	155349	9.295	ppbv	100
58) Ethyl Benzene	9.354	91	289734	9.853	ppbv	100
59) m/p-Xylene	9.549	91	462802m	19.568	ppbv	
60) o-Xylene	9.963	91	232101	9.789	ppbv	100
61) Styrene	9.869	104	110041	10.733	ppbv	100
62) Isopropylbenzene	10.539	105	348684	9.788	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	137363	9.255	ppbv	100
64) n-propylbenzene	10.989	120	87360	9.700	ppbv	100
65) tert-Butylbenzene	11.529	119	309036	9.615	ppbv	100
66) Benzyl Chloride	11.614	91	31039	10.954	ppbv	100
67) sec-Butylbenzene	11.769	105	430810	9.687	ppbv	100
69) p-Isopropyltoluene	11.924	119	363072	9.906	ppbv	100
70) n-Butylbenzene	12.280	91	358993	10.137	ppbv	100
71) 2-Chlorotoluene	10.902	91	264002	9.708	ppbv	100
72) 4-Ethyltoluene	11.125	105	282698	10.120	ppbv	100
73) 1,3,5-Trimethylbenzene	11.203	105	239261	10.304	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	255780	10.244	ppbv	100
75) 1,3-Dichlorobenzene	11.607	146	151752	9.532	ppbv	100
76) 1,4-Dichlorobenzene	11.672	146	152099	9.671	ppbv	100
77) 1,2-Dichlorobenzene	11.947	146	141338	9.227	ppbv	100
78) Hexachloro-1,3-Butadiene	13.882	225	95751	8.431	ppbv	100
79) Naphthalene	13.514	128	205511	11.812	ppbv	100
80) Naphthalene,2-methyl-	14.459	142	106311	19.755	ppbv	100
81) 1,2,4-Trichlorobenzene	13.439	180	101461	10.672	ppbv	100

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



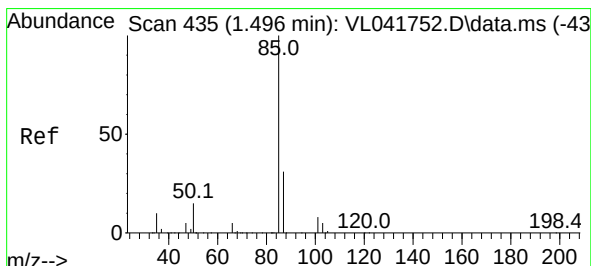
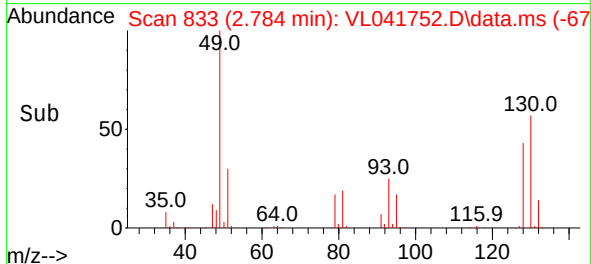
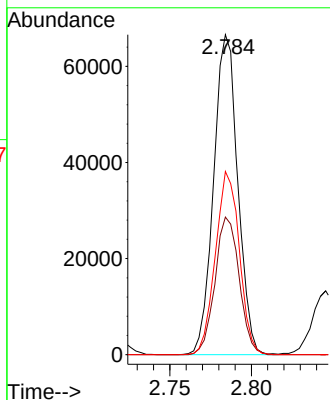
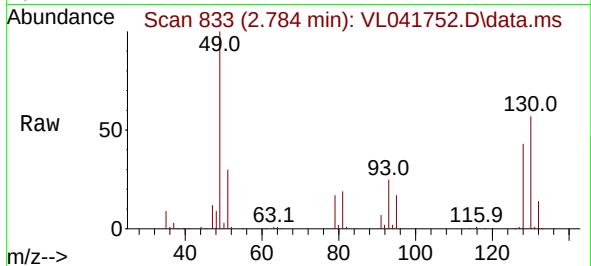
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 833
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 68599
Ion Ratio Lower Upper
49 100
128 43.1 21.6 64.6
130 56.7 28.3 85.0

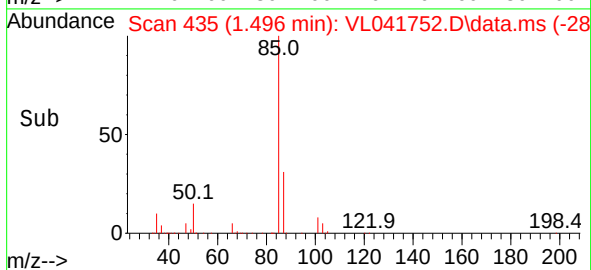
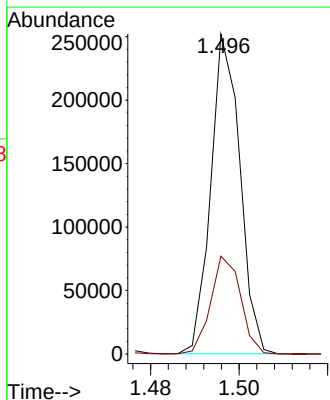
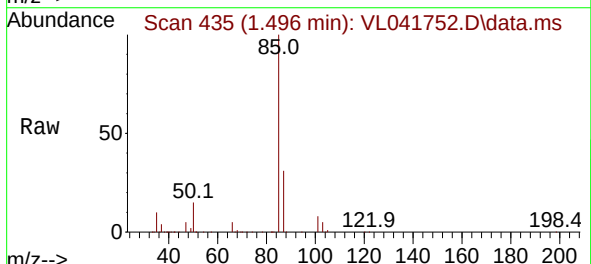
Manual Integrations
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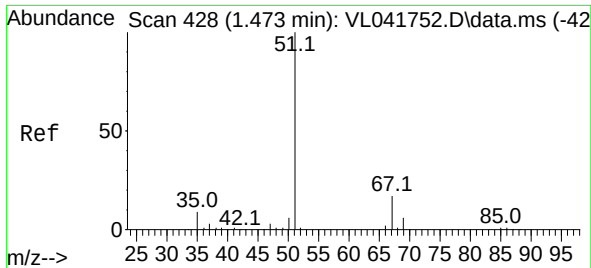
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 9.453 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Tgt Ion: 85 Resp: 115385
Ion Ratio Lower Upper
85 100
87 30.6 24.5 36.7





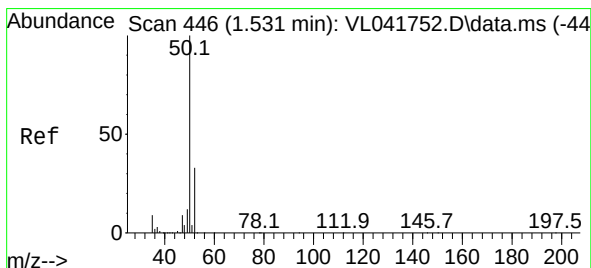
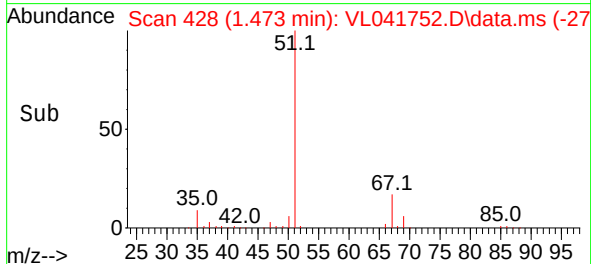
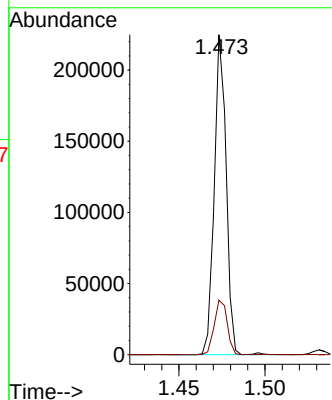
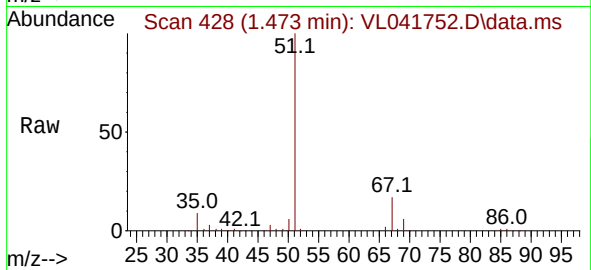
#3
Chlorodifluoromethane
Concen: 9.603 ppbv
RT: 1.473 min Scan# 428
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 107429
Ion Ratio Lower Upper
51 100
67 18.7 15.0 22.4

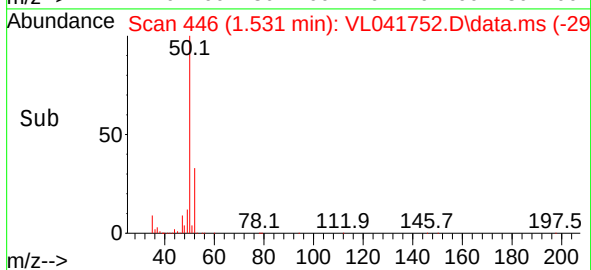
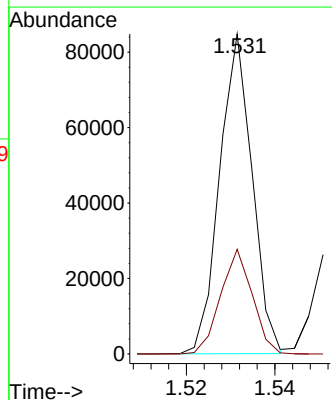
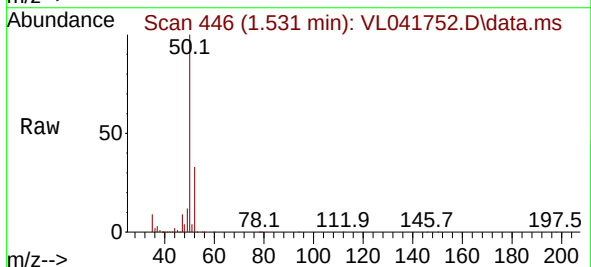
Manual Integrations
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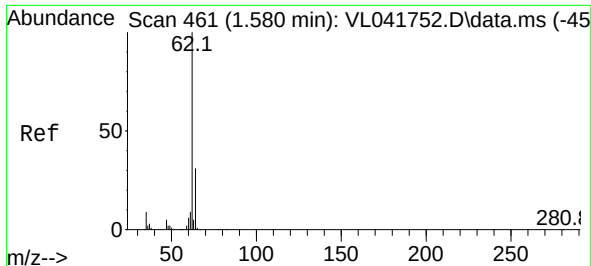
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Chloromethane
Concen: 9.049 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

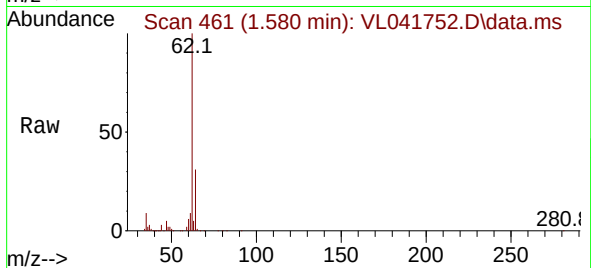
Tgt Ion: 50 Resp: 43215
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2





#5
 Vinyl Chloride
 Concen: 8.905 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL041752.D
 Acq: 16 Dec 2024 13:30

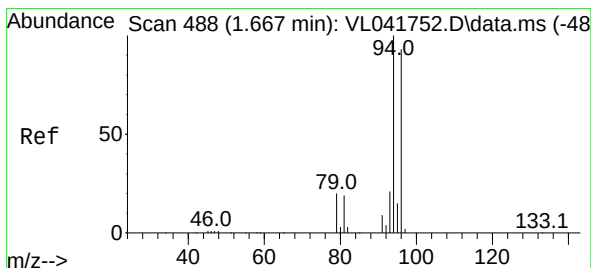
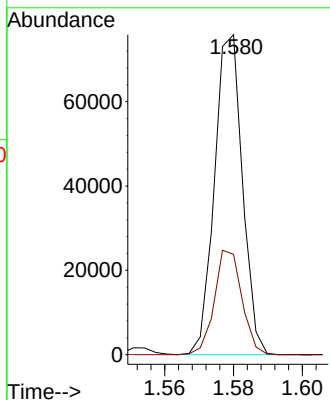
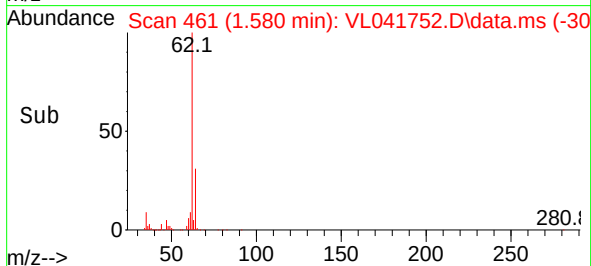
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 62 Resp: 42849
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.1 37.7

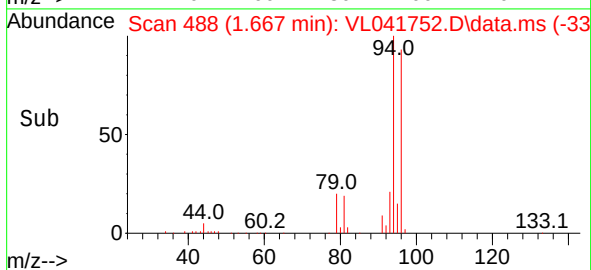
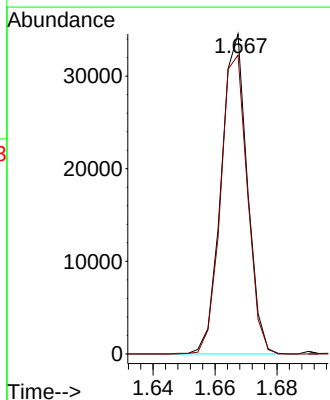
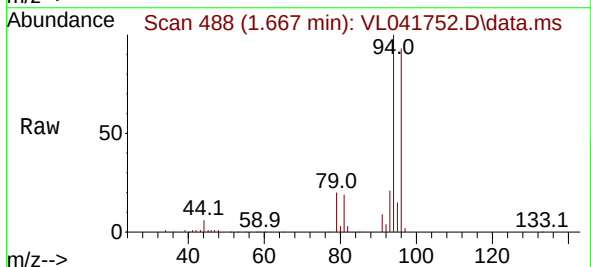
Manual Integrations
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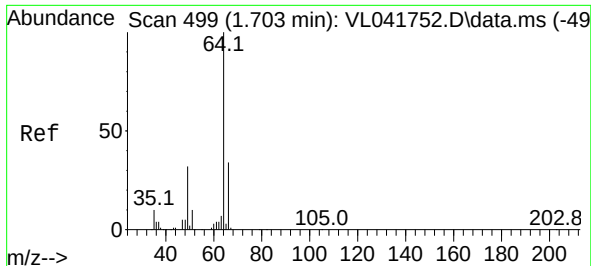
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#6
 Bromomethane
 Concen: 8.919 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL041752.D
 Acq: 16 Dec 2024 13:30

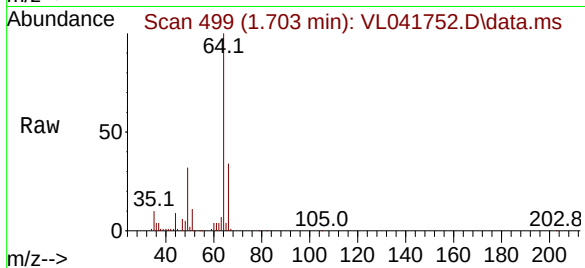
Tgt Ion: 94 Resp: 20252
 Ion Ratio Lower Upper
 94 100
 96 93.4 74.7 112.1





#7
Chloroethane
Concen: 9.311 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

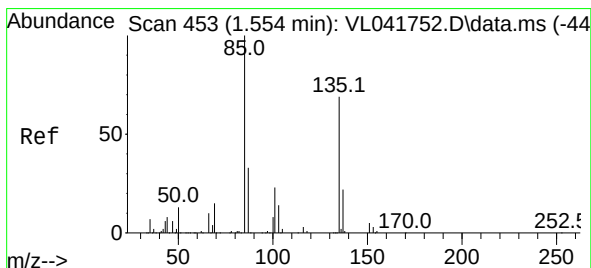
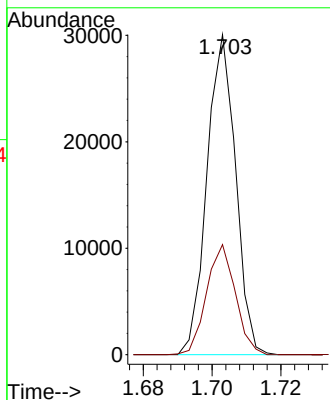
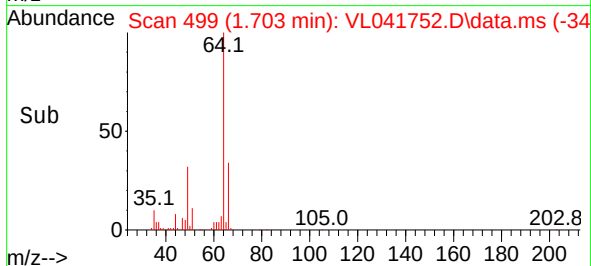
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 17400
Ion Ratio Lower Upper
64 100
66 34.4 27.5 41.3

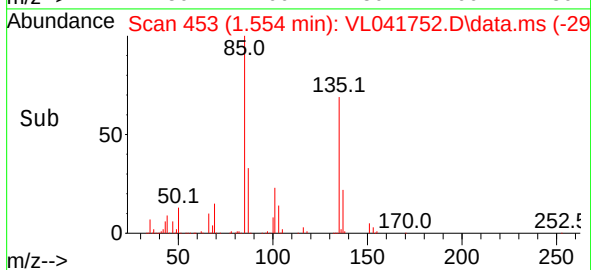
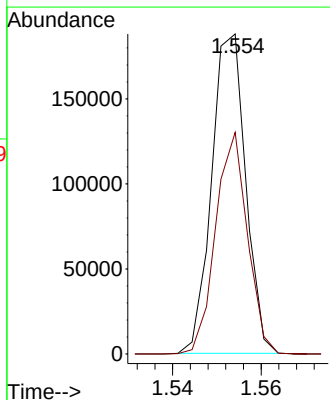
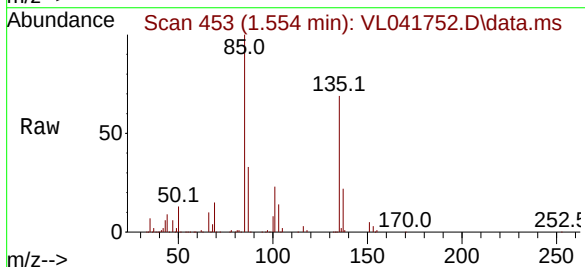
Manual Integrations
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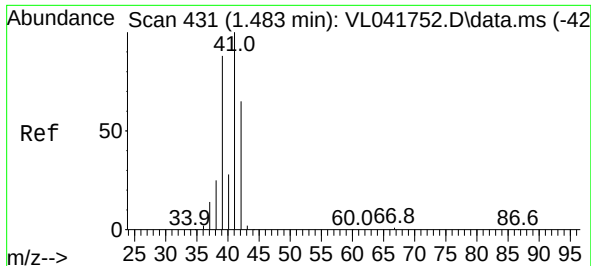
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#8
Dichlorotetrafluoroethane
Concen: 9.171 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Tgt Ion: 85 Resp: 100191
Ion Ratio Lower Upper
85 100
135 64.9 51.9 77.9





#9

Propene

Concen: 8.959 ppbv

RT: 1.483 min Scan# 431

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 43440

Ion Ratio Lower Upper

41 100

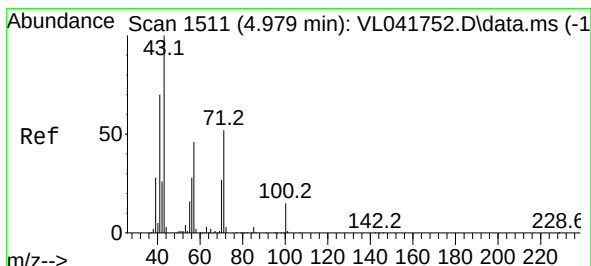
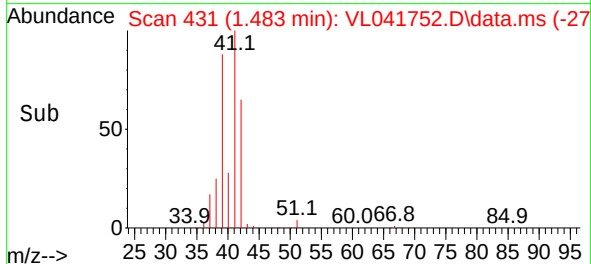
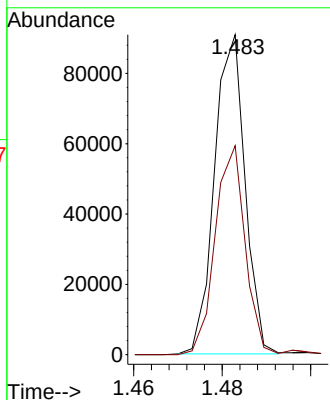
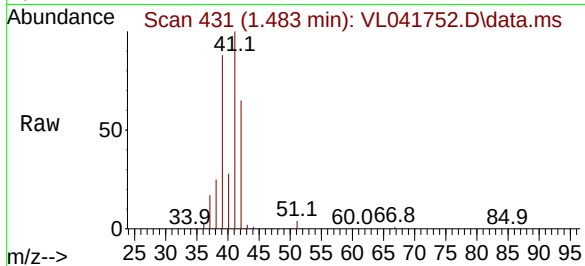
42 65.5 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#10

Heptane

Concen: 9.391 ppbv

RT: 4.979 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VL041752.D

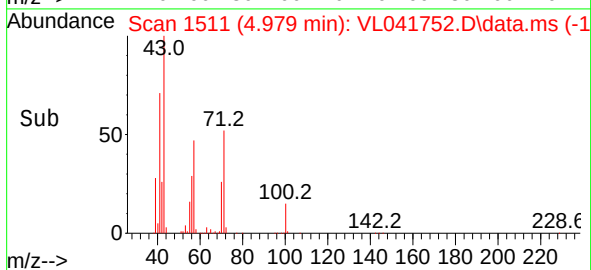
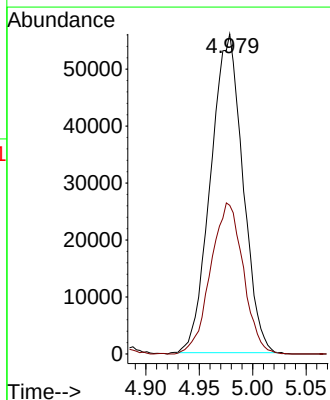
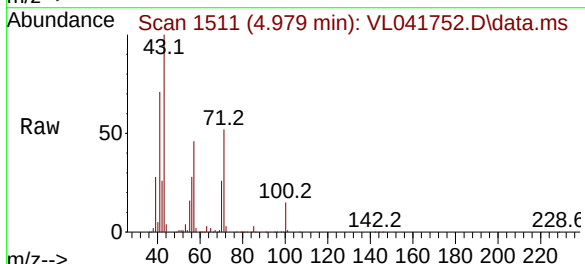
Acq: 16 Dec 2024 13:30

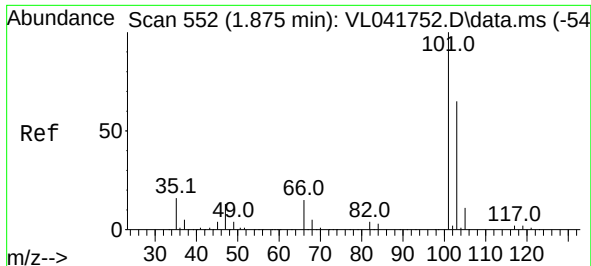
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Ion Ratio Lower Upper

43 100

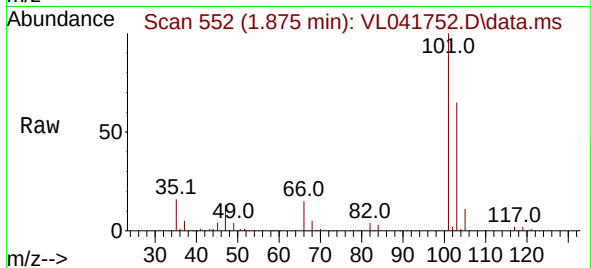
57 48.1 38.5 57.7





#11
 Trichlorofluoromethane
 Concen: 9.474 ppbv
 RT: 1.875 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: VL041752.D
 Acq: 16 Dec 2024 13:30

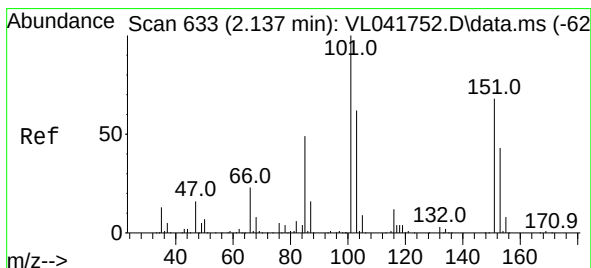
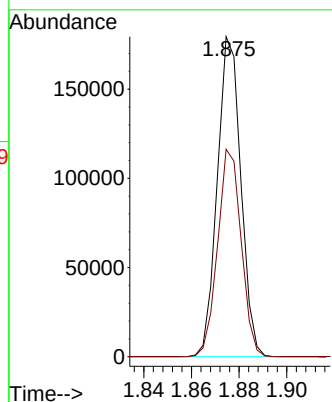
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:101 Resp: 12283
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.8

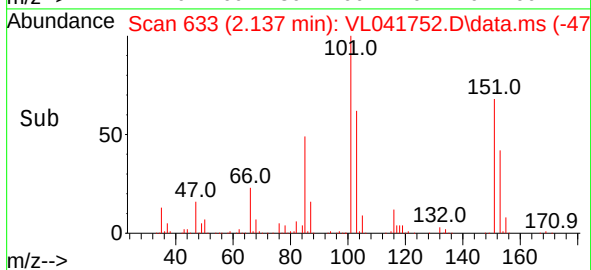
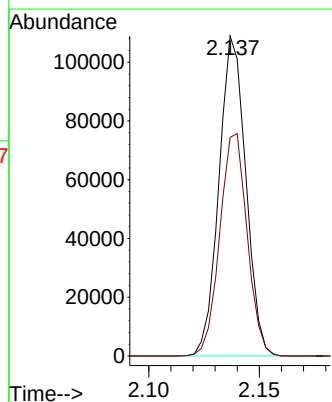
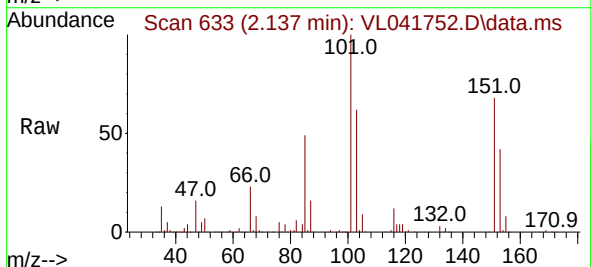
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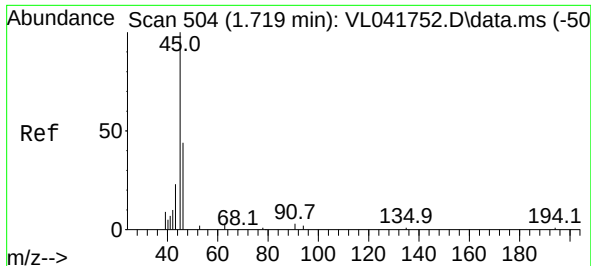
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.327 ppbv
 RT: 2.137 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VL041752.D
 Acq: 16 Dec 2024 13:30

Tgt Ion:101 Resp: 91977
 Ion Ratio Lower Upper
 101 100
 151 71.0 56.8 85.2





#13

Ethanol

Concen: 6.161 ppbv

RT: 1.719 min Scan# 504

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 45 Resp: 2484

Ion Ratio Lower Upper

45 100

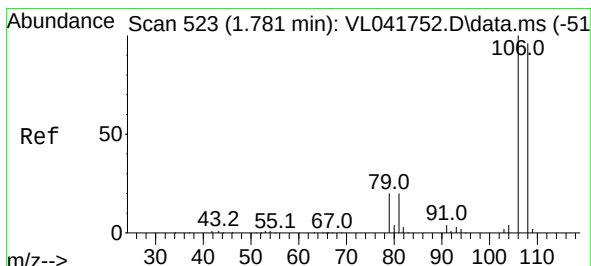
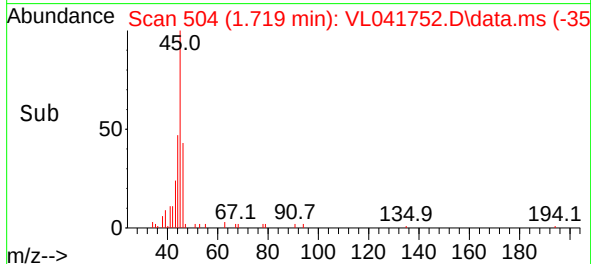
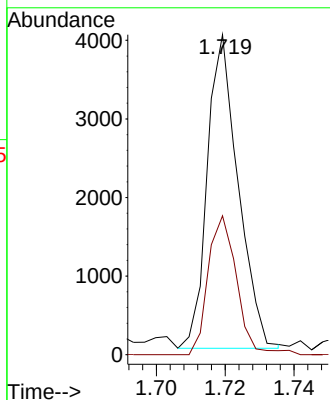
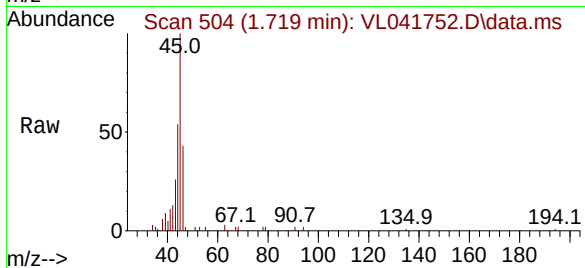
46 41.1 16.4 65.8

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#14

Bromoethene

Concen: 9.770 ppbv

RT: 1.781 min Scan# 523

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

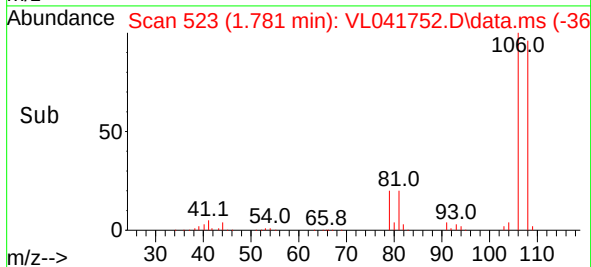
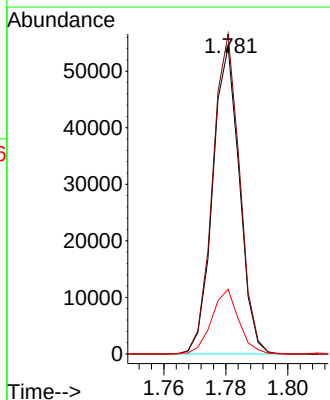
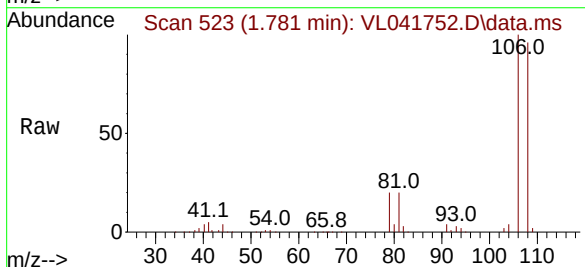
Tgt Ion:108 Resp: 32528

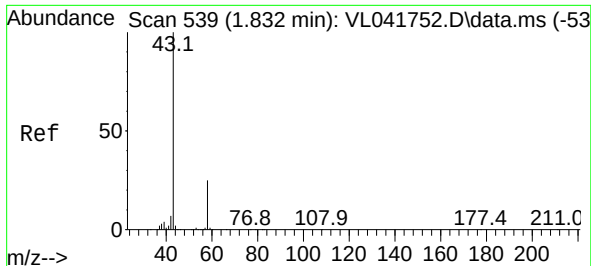
Ion Ratio Lower Upper

108 100

106 105.1 84.1 126.1

79 21.7 17.4 26.0





#15

Acetone

Concen: 7.509 ppbv

RT: 1.832 min Scan# 539

Delta R.T. 0.000 min

Lab File: VL041752.D

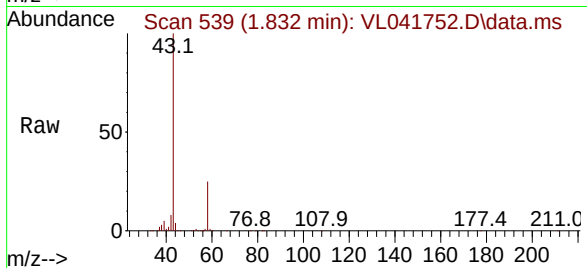
Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion: 43 Resp: 100229

Ion Ratio Lower Upper

43 100

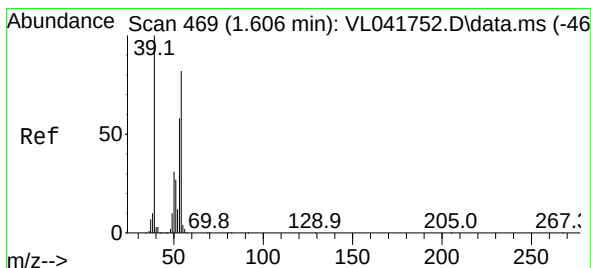
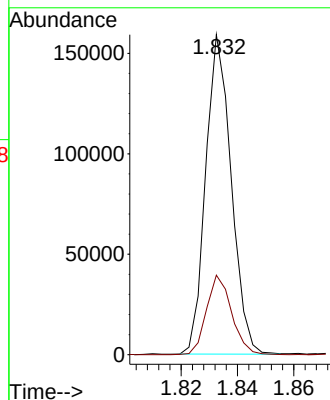
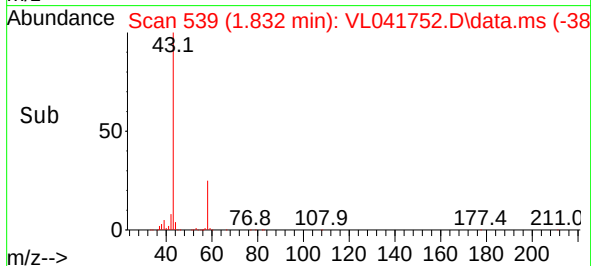
58 24.6 19.7 29.5

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#16

1,3-Butadiene

Concen: 8.940 ppbv

RT: 1.606 min Scan# 469

Delta R.T. 0.000 min

Lab File: VL041752.D

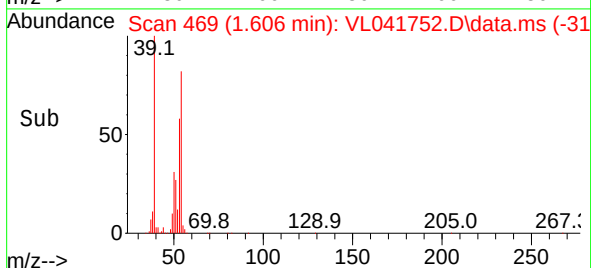
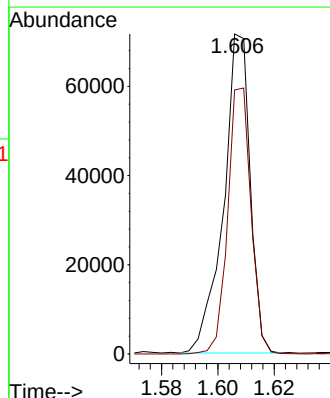
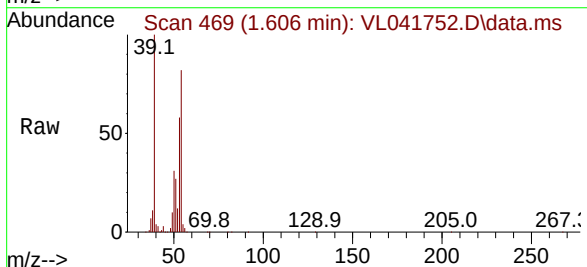
Acq: 16 Dec 2024 13:30

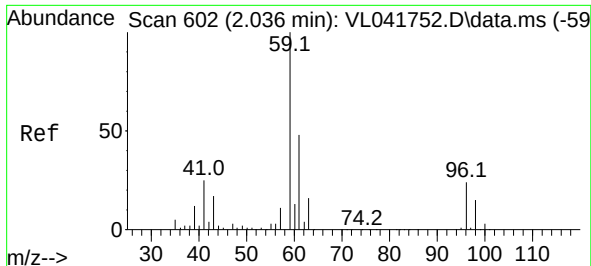
Tgt Ion: 39 Resp: 46989

Ion Ratio Lower Upper

39 100

54 73.0 58.4 87.6





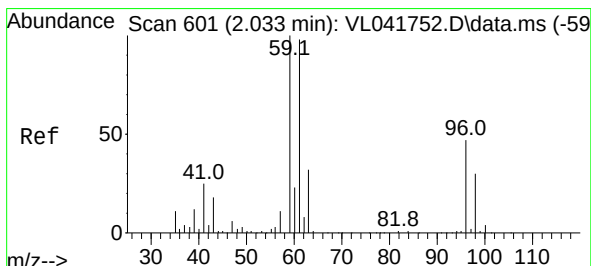
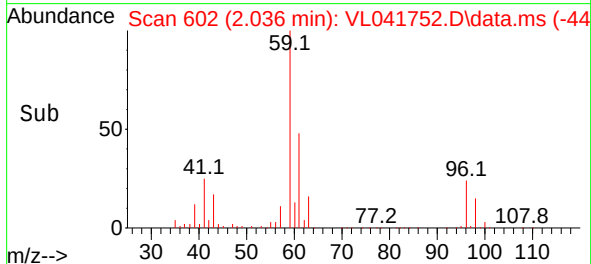
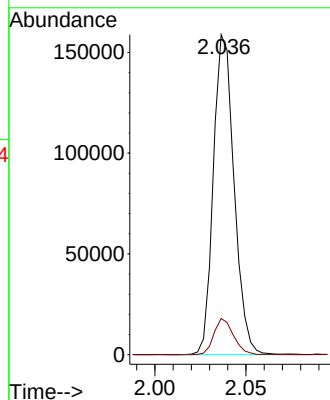
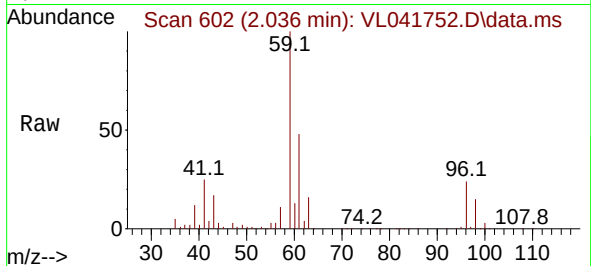
#17
tert-Butyl alcohol
Concen: 9.497 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 12575
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

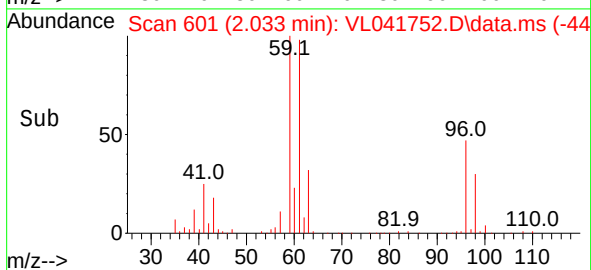
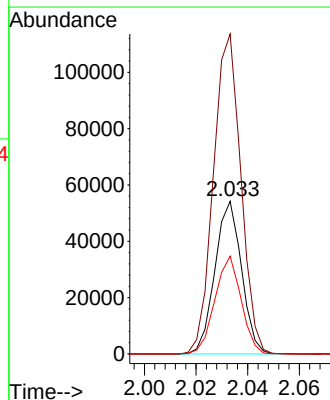
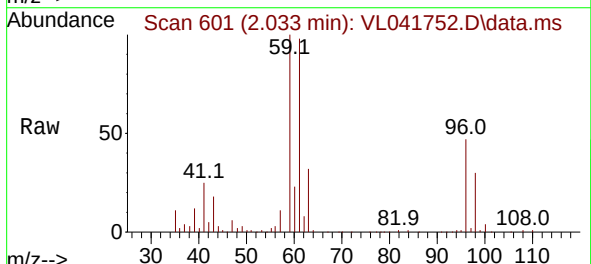
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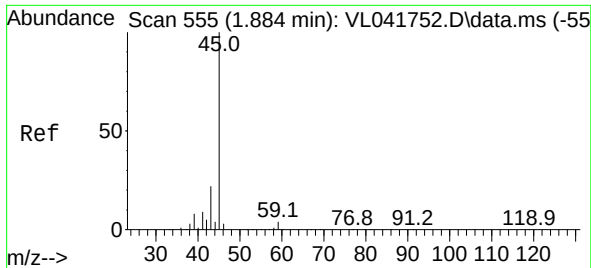
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
1,1-Dichloroethene
Concen: 9.379 ppbv
RT: 2.033 min Scan# 601
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Tgt Ion: 96 Resp: 38775
Ion Ratio Lower Upper
96 100
61 209.6 167.7 251.5
98 63.9 51.1 76.7





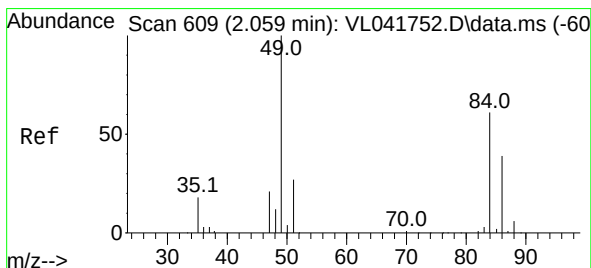
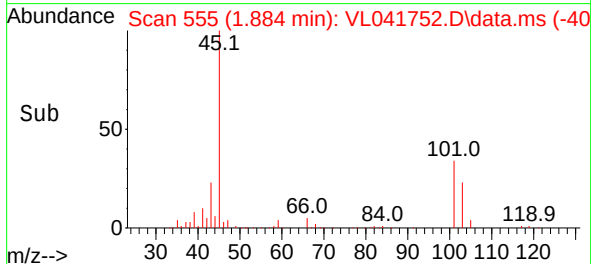
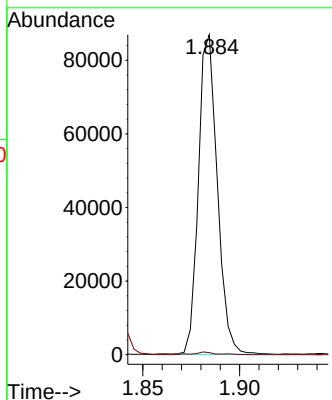
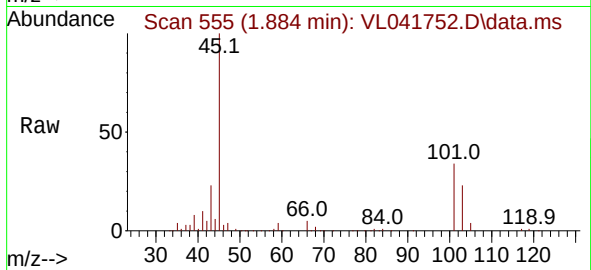
#19
Isopropyl Alcohol
Concen: 7.370 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 59020
Ion Ratio Lower Upper
45 100
58 41.6 33.3 49.9

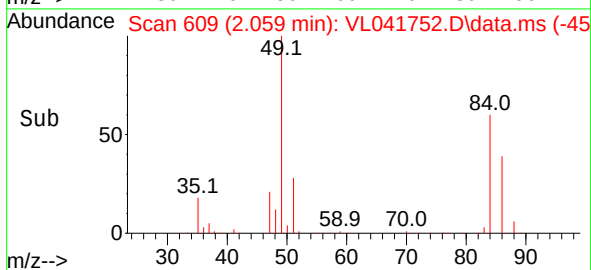
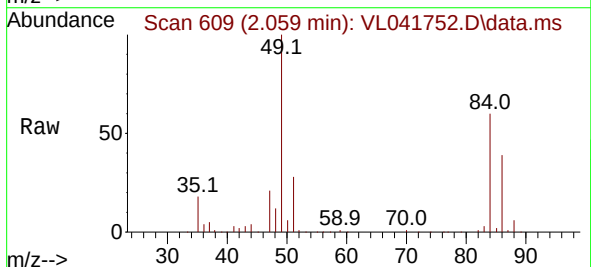
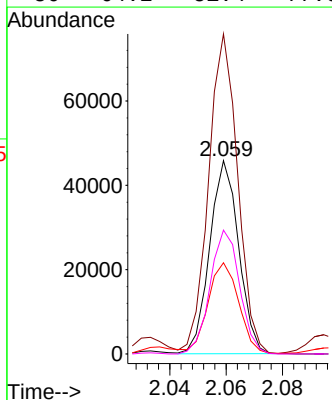
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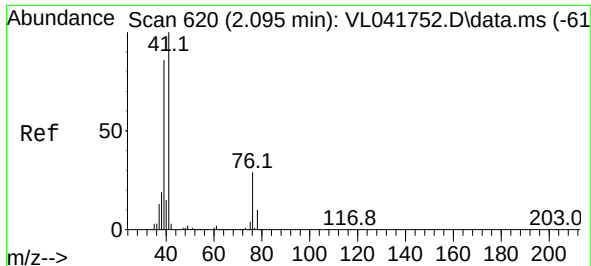
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 8.601 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Tgt Ion: 84 Resp: 32734
Ion Ratio Lower Upper
84 100
49 165.7 132.6 198.8
51 47.0 37.6 56.4
86 64.2 51.4 77.0





#21

Allyl Chloride

Concen: 9.588 ppbv

RT: 2.095 min Scan# 61

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 69400

Ion Ratio Lower Upper

41 100

76 27.9 22.3 33.5

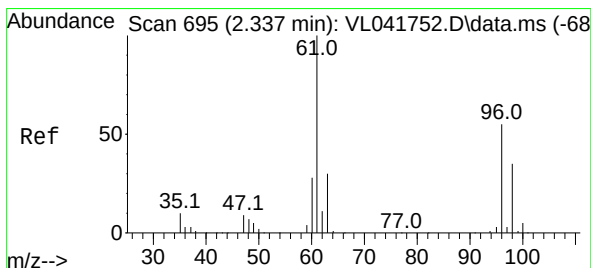
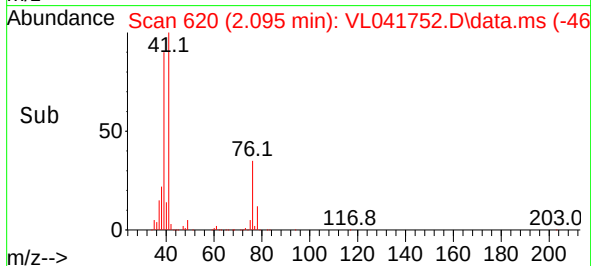
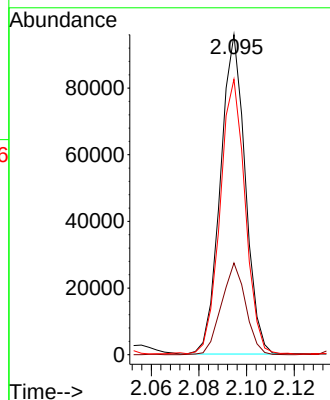
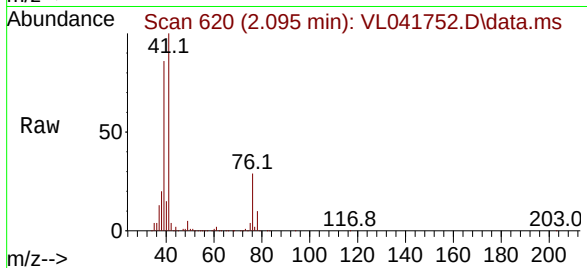
39 86.5 69.2 103.8

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#22

trans-1,2-Dichloroethene

Concen: 9.276 ppbv

RT: 2.337 min Scan# 695

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

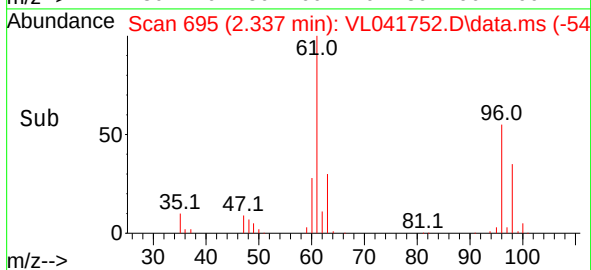
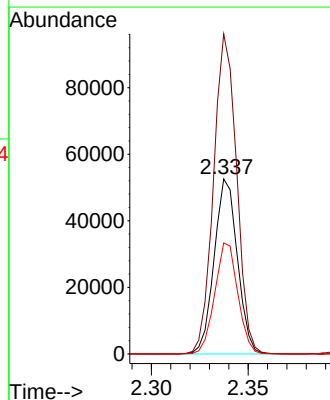
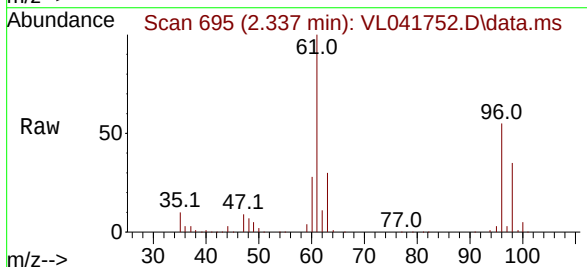
Tgt Ion: 96 Resp: 43898

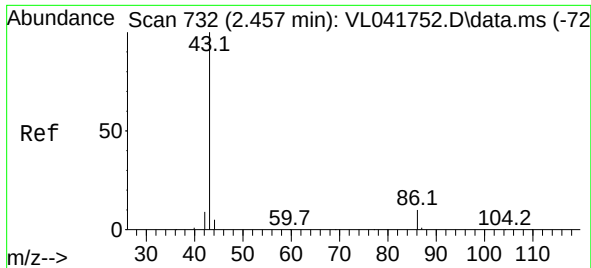
Ion Ratio Lower Upper

96 100

61 182.9 146.3 219.5

98 63.5 50.8 76.2





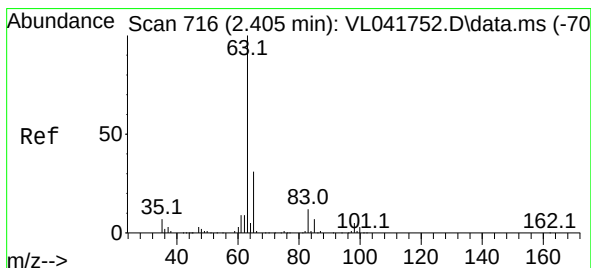
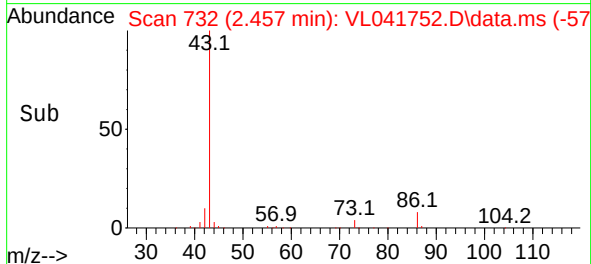
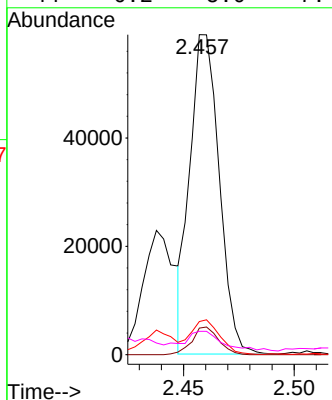
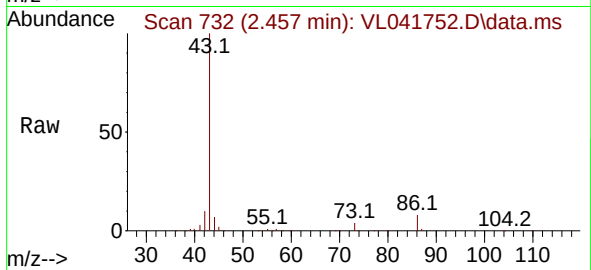
#23
 Vinyl Acetate
 Concen: 9.350 ppbv
 RT: 2.457 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: VL041752.D
 Acq: 16 Dec 2024 13:30

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43	Resp: 5422
Ion Ratio	Lower Upper
43 100	
86 8.3	6.6 10.0
42 10.2	8.2 12.2
44 6.2	5.0 7.4

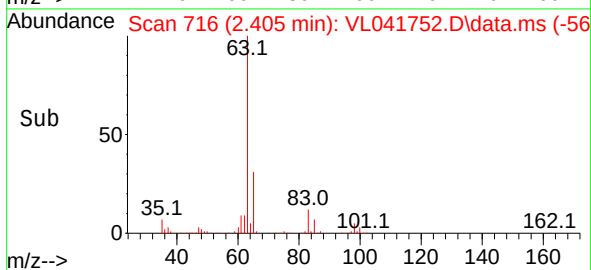
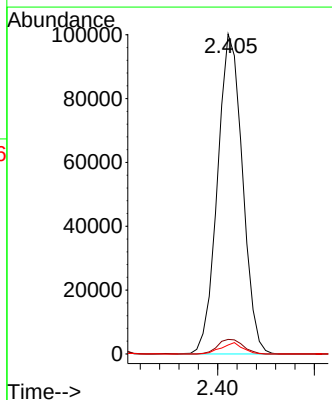
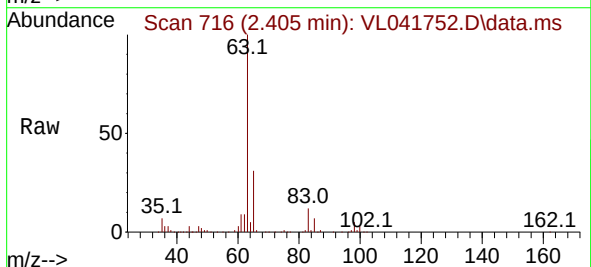
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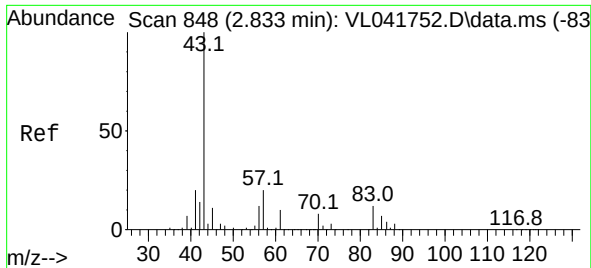
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#24
 1,1-Dichloroethane
 Concen: 9.386 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: VL041752.D
 Acq: 16 Dec 2024 13:30

Tgt Ion: 63	Resp: 89912
Ion Ratio	Lower Upper
63 100	
98 4.5	2.3 6.8
100 2.8	1.4 4.2





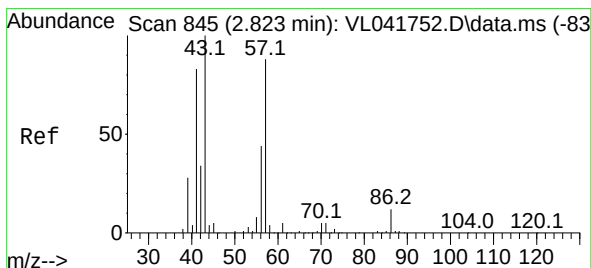
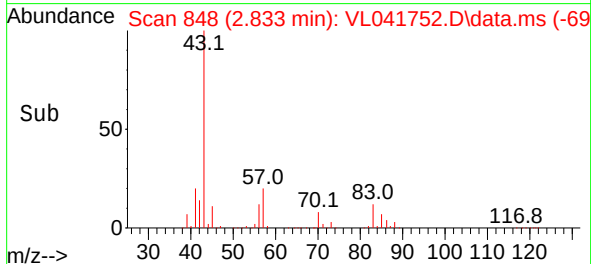
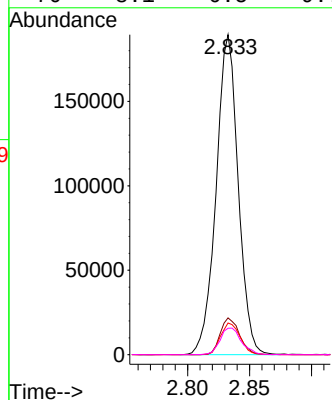
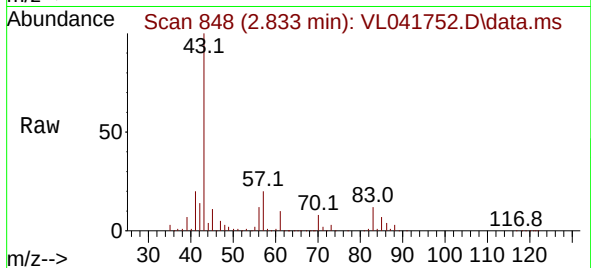
#25
Ethyl Acetate
Concen: 9.432 ppbv
RT: 2.833 min Scan# 848
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43	Resp: 235309
Ion Ratio	Lower Upper
43 100	
45 10.1	8.1 12.1
61 8.8	7.0 10.6
70 8.1	6.5 9.7

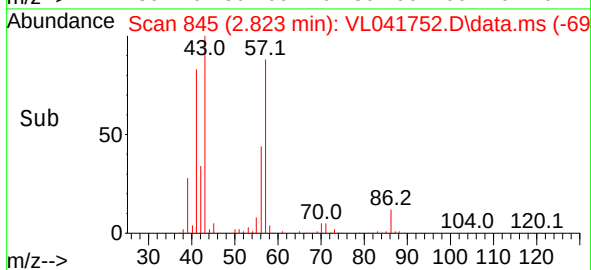
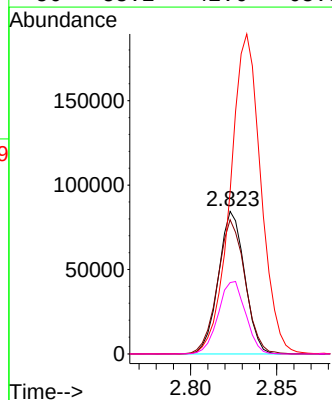
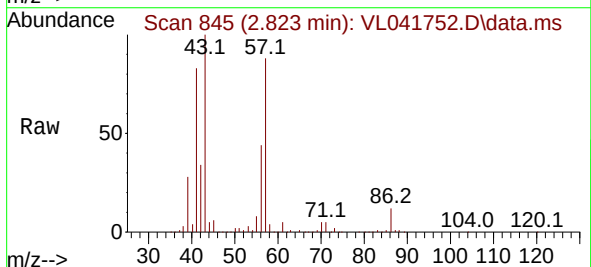
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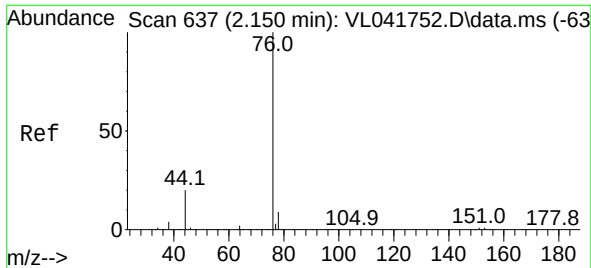
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
Hexane
Concen: 9.486 ppbv
RT: 2.823 min Scan# 845
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Tgt Ion: 57	Resp: 89385
Ion Ratio	Lower Upper
57 100	
41 99.5	79.6 119.4
43 263.8	211.0 316.6
56 53.2	42.6 63.8





#27

Carbon Disulfide

Concen: 10.873 ppbv

RT: 2.150 min Scan# 637

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_1

ClientSampleId :

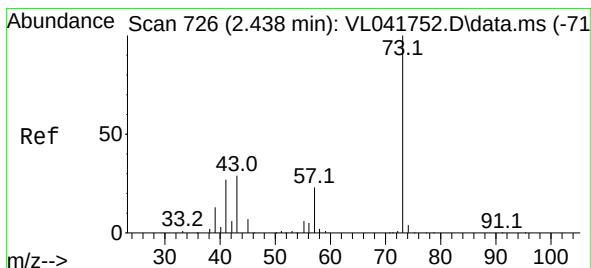
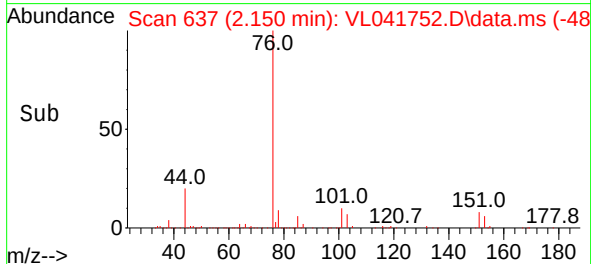
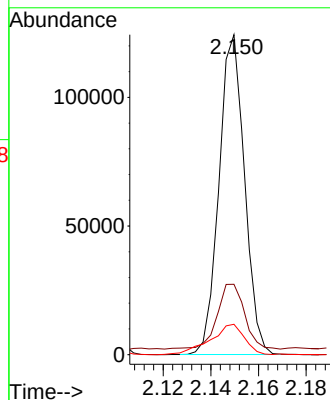
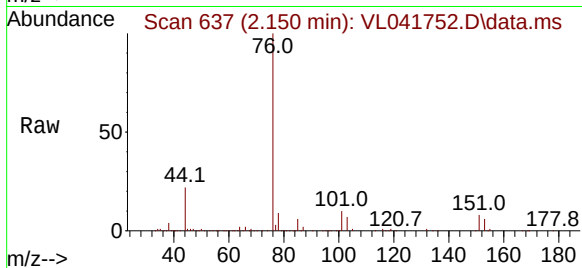
VSTDICCC010

Tgt Ion: 76 Resp: 92329
 Ion Ratio Lower Upper
 76 100
 44 22.0 17.6 26.4
 78 12.8 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: 9.854 ppbv

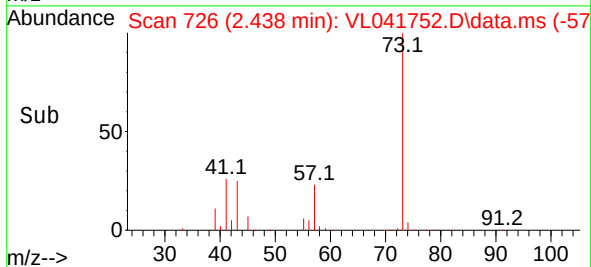
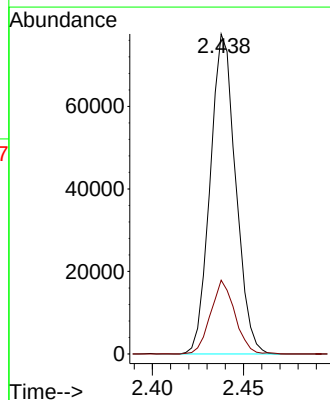
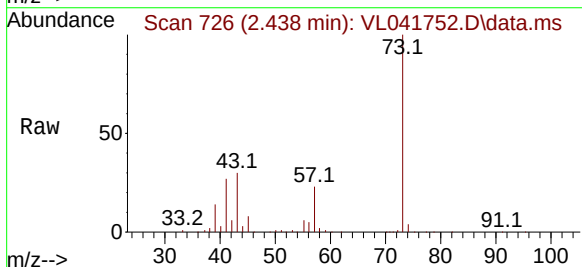
RT: 2.438 min Scan# 726

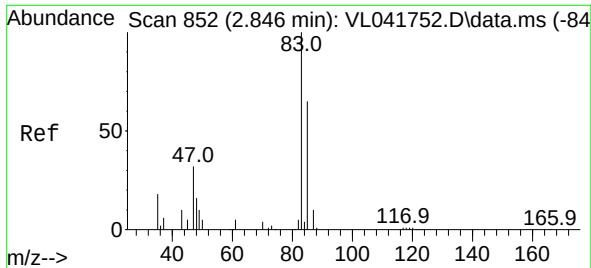
Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Tgt Ion: 73 Resp: 75330
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.6 26.4





#29

Chloroform

Concen: 9.408 ppbv

RT: 2.846 min Scan# 852

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 135099

Ion Ratio Lower Upper

83 100

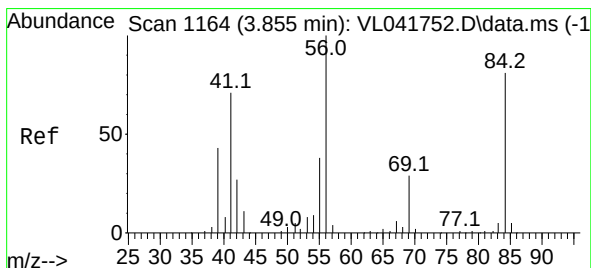
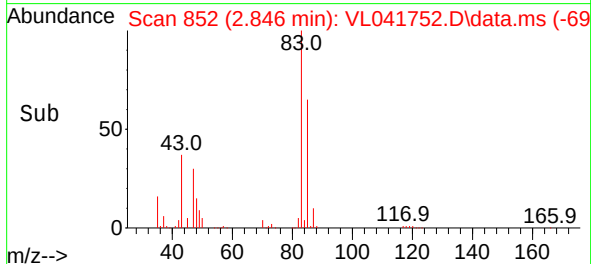
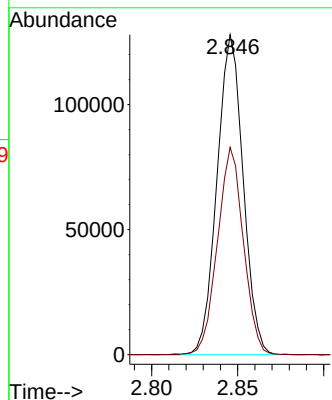
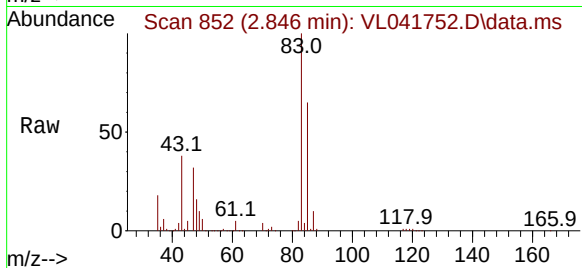
85 64.7 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#30

Cyclohexane

Concen: 9.374 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

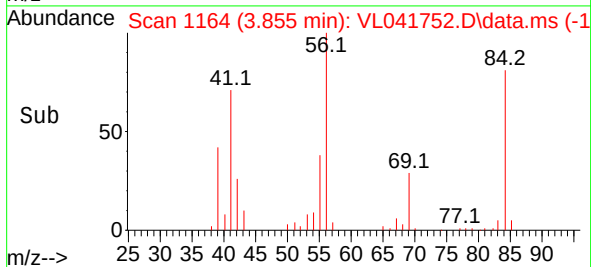
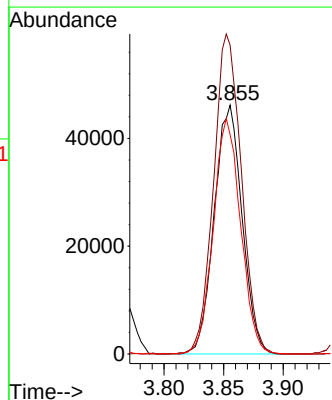
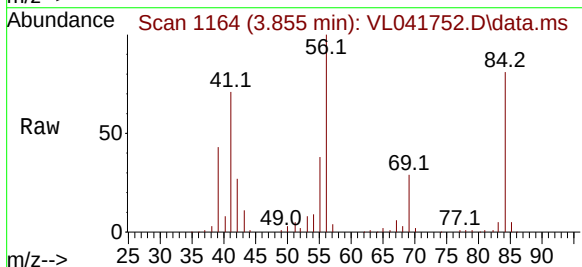
Tgt Ion: 84 Resp: 75156

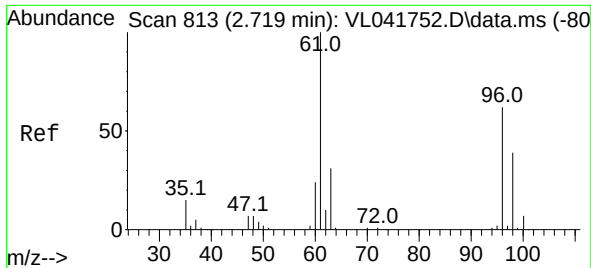
Ion Ratio Lower Upper

84 100

56 127.9 102.3 153.5

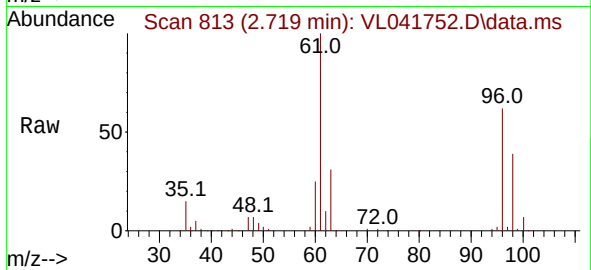
41 92.5 74.0 111.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.374 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VL041752.D
 Acq: 16 Dec 2024 13:30

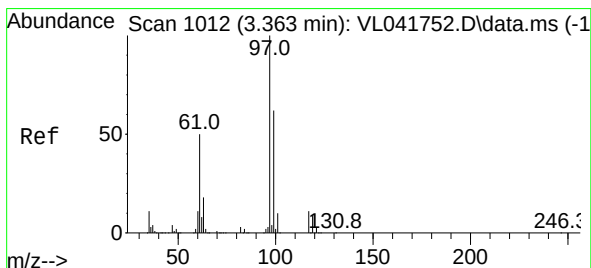
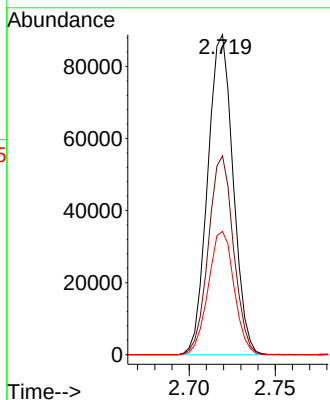
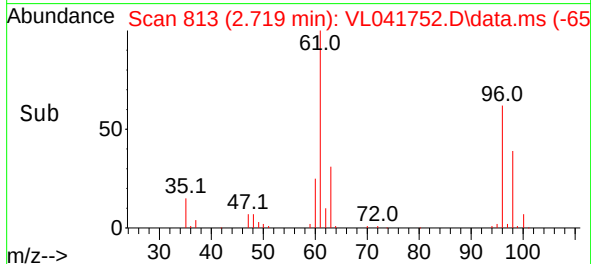
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



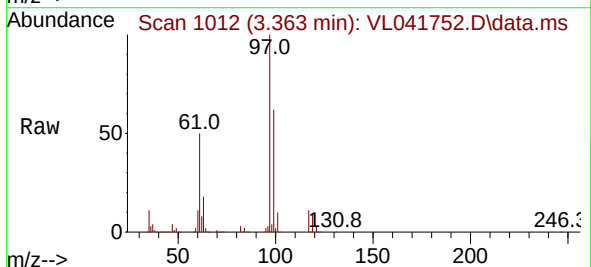
Tgt Ion: 61 Resp: 91270
 Ion Ratio Lower Upper
 61 100
 96 62.1 49.7 74.5
 98 38.5 30.8 46.2

Manual Integrations
 APPROVED

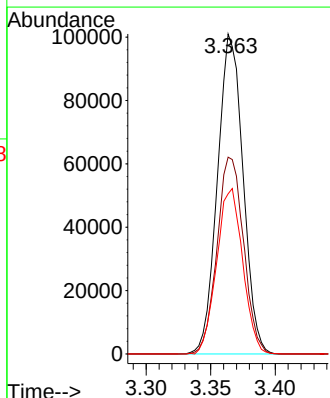
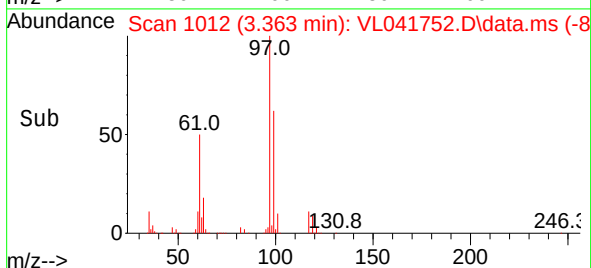
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

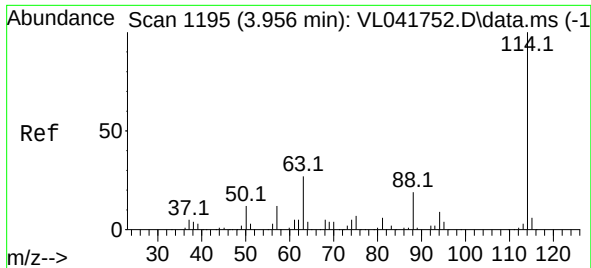


#32
 1,1,1-Trichloroethane
 Concen: 9.733 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. 0.000 min
 Lab File: VL041752.D
 Acq: 16 Dec 2024 13:30



Tgt Ion: 97 Resp: 139102
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.4
 61 52.7 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.956 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_1

ClientSampleId :

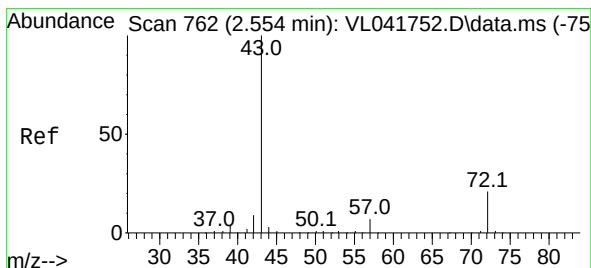
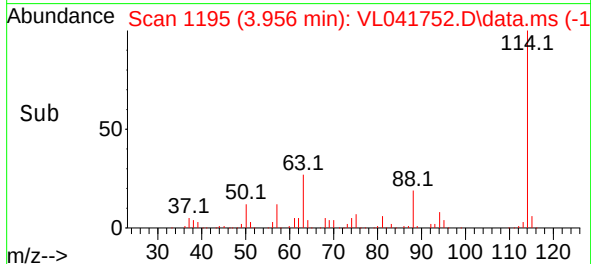
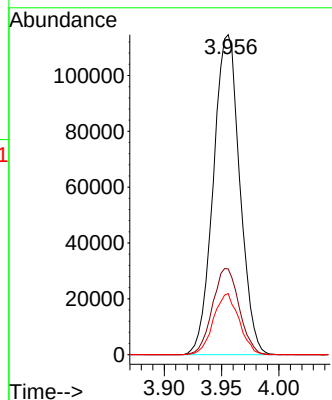
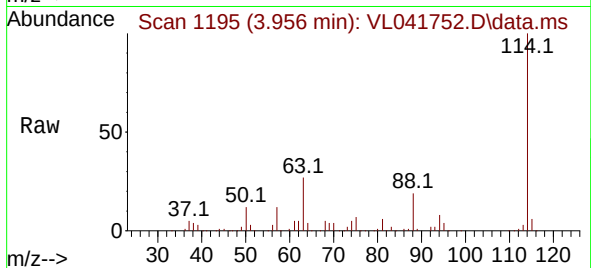
VSTDICCC010

Tgt Ion:114 Resp: 183780
 Ion Ratio Lower Upper
 114 100
 63 27.3 21.8 32.8
 88 18.5 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: 9.153 ppbv

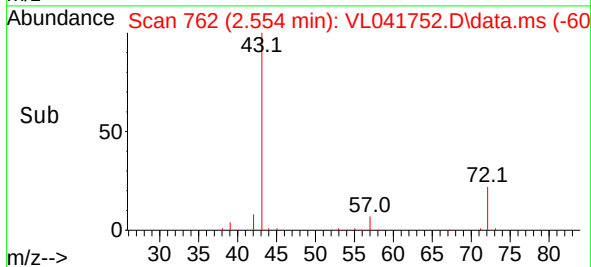
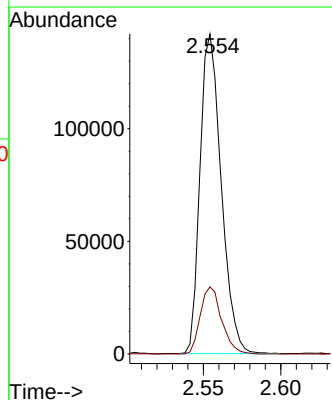
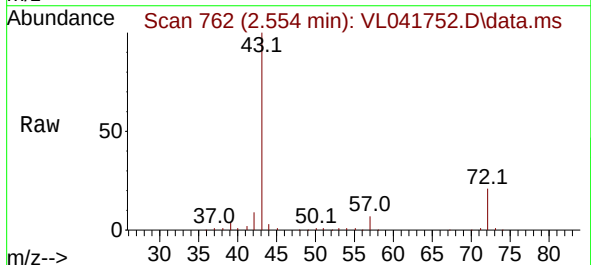
RT: 2.554 min Scan# 762

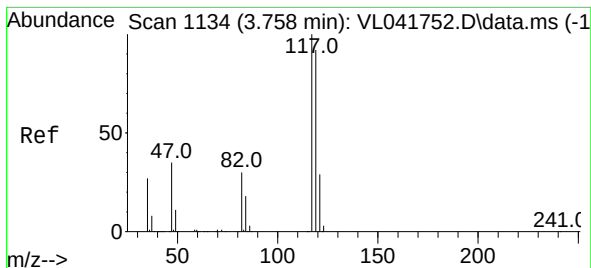
Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Tgt Ion: 43 Resp: 135331
 Ion Ratio Lower Upper
 43 100
 72 21.0 16.8 25.2





#35

Carbon Tetrachloride

Concen: 10.650 ppbv

RT: 3.758 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

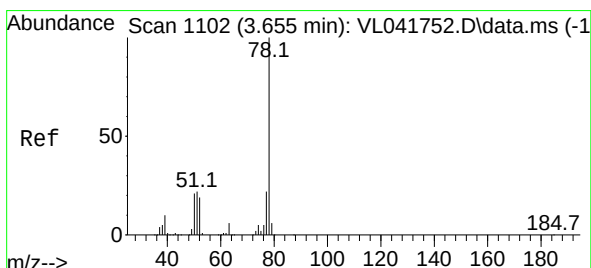
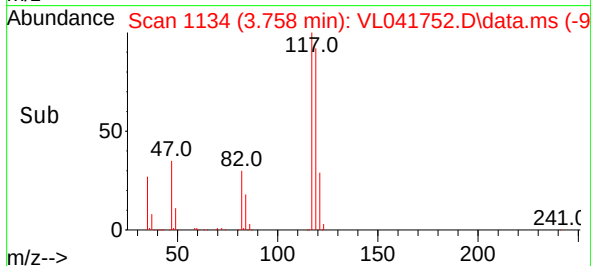
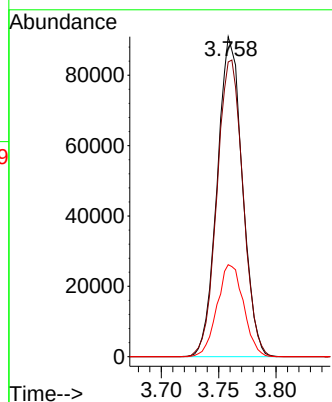
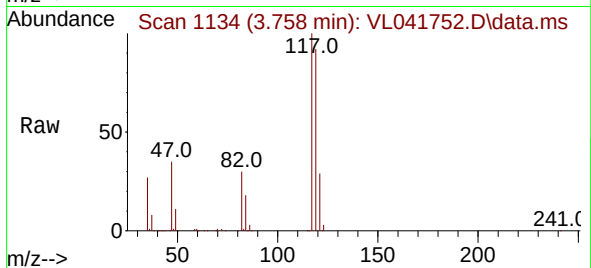
Tgt Ion:117 Resp: 138952

Ion	Ratio	Lower	Upper
117	100		
119	92.1	73.7	110.5
121	28.7	23.0	34.4

Manual Integrations

APPROVED

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



#36

Benzene

Concen: 9.423 ppbv

RT: 3.655 min Scan# 1102

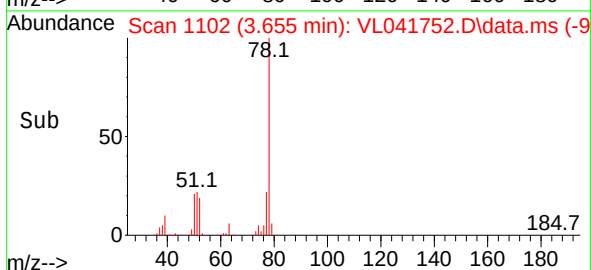
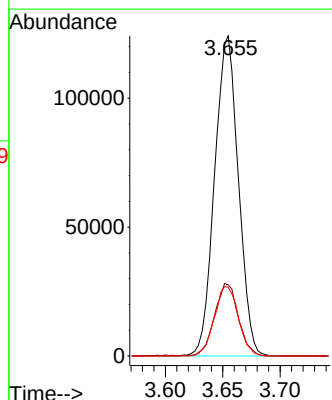
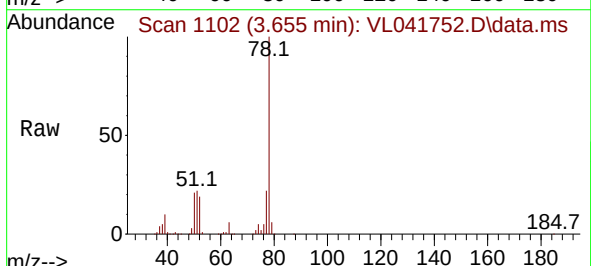
Delta R.T. 0.000 min

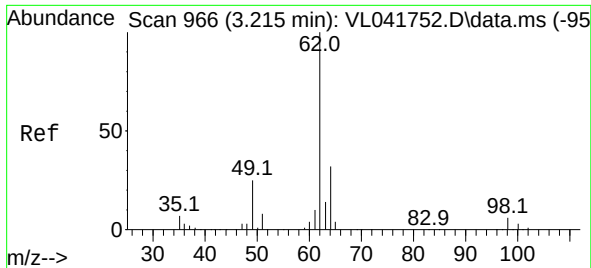
Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Tgt Ion: 78 Resp: 179134

Ion	Ratio	Lower	Upper
78	100		
77	22.2	17.8	26.6
50	21.5	17.2	25.8





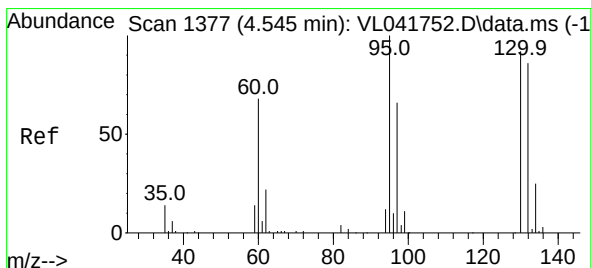
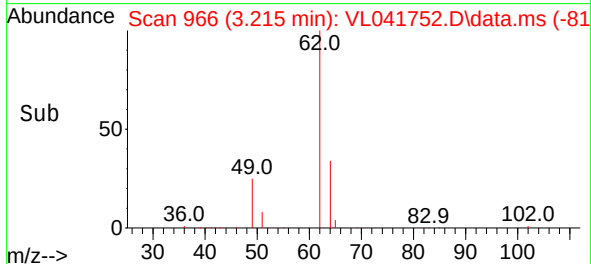
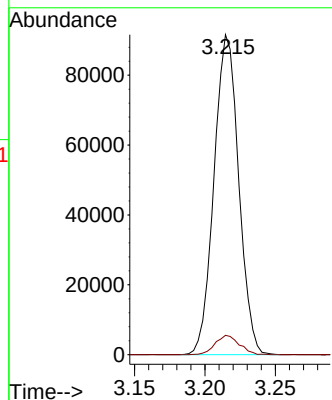
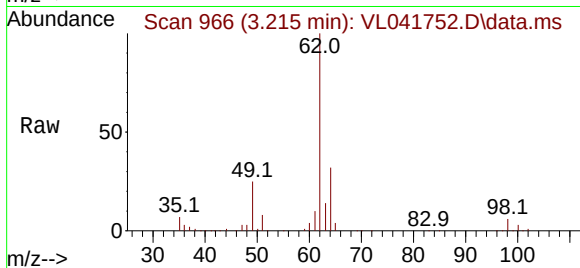
#37
1,2-Dichloroethane
Concen: 9.449 ppbv
RT: 3.215 min Scan# 966
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 111770
Ion Ratio Lower Upper
62 100
98 5.9 4.7 7.1

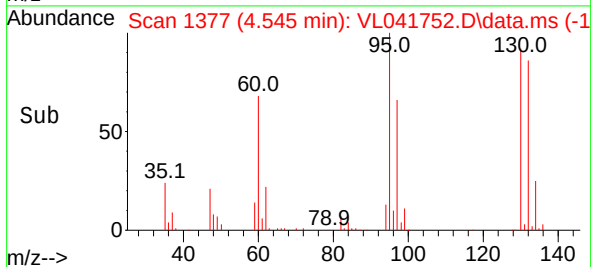
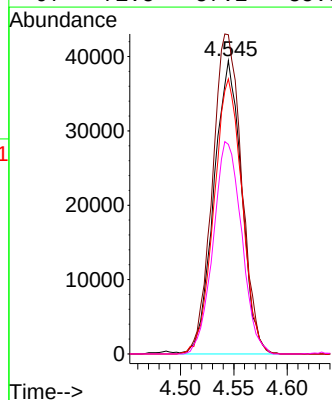
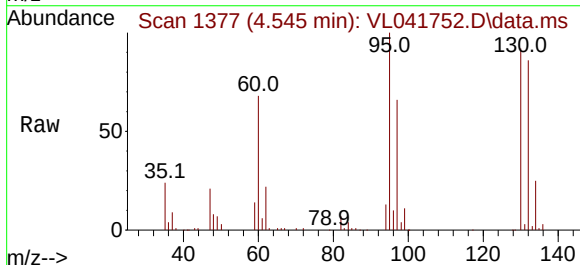
Manual Integrations
APPROVED

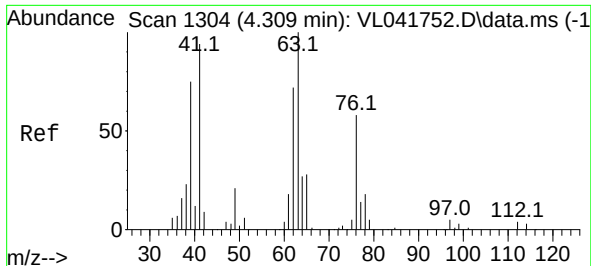
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Trichloroethene
Concen: 8.907 ppbv
RT: 4.545 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Tgt Ion:130 Resp: 71297
Ion Ratio Lower Upper
130 100
95 108.8 87.0 130.6
132 93.8 75.0 112.6
97 71.5 57.2 85.8





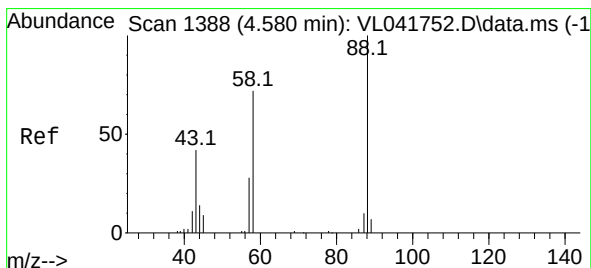
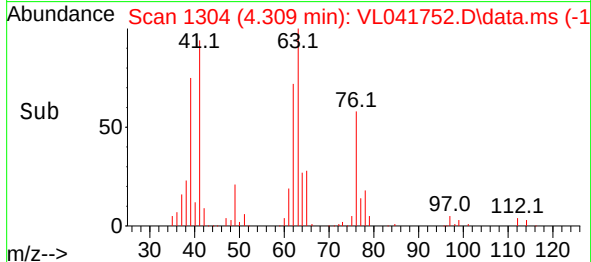
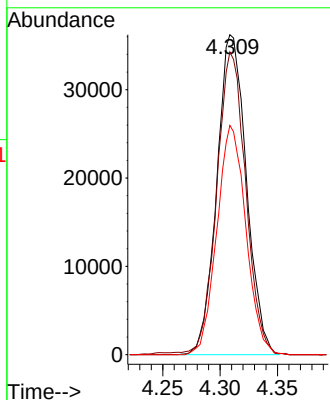
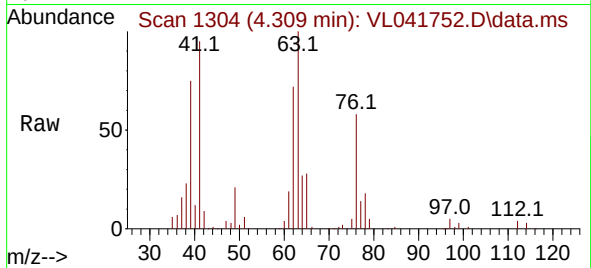
#39
1,2-Dichloropropane
Concen: 9.423 ppbv
RT: 4.309 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 64789
Ion Ratio Lower Upper
63 100
41 94.1 75.3 112.9
62 71.6 57.3 85.9

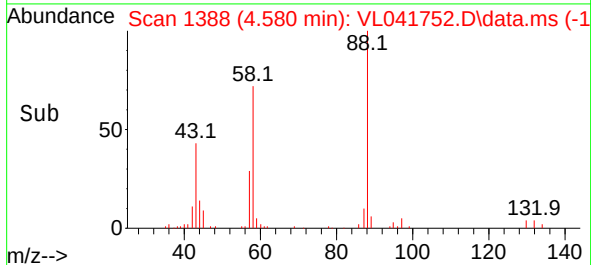
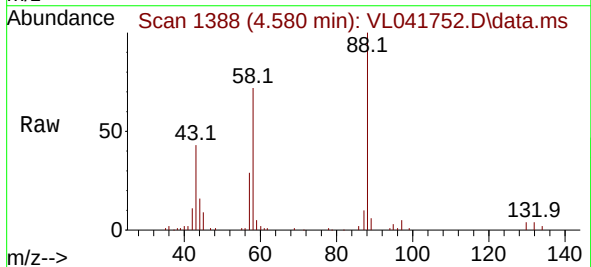
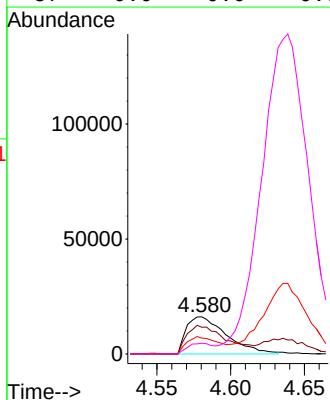
Manual Integrations
APPROVED

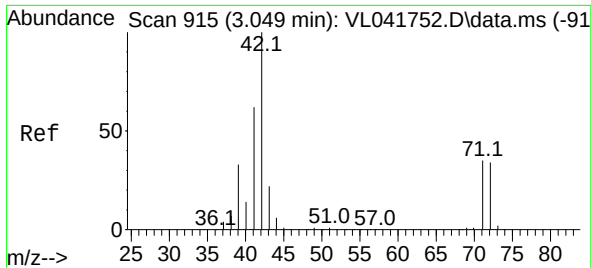
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40
1,4-Dioxane
Concen: 9.128 ppbv
RT: 4.580 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Tgt Ion: 88 Resp: 30658
Ion Ratio Lower Upper
88 100
58 76.3 61.0 91.6
43 36.7 29.4 44.0
57 0.0 0.0 0.0





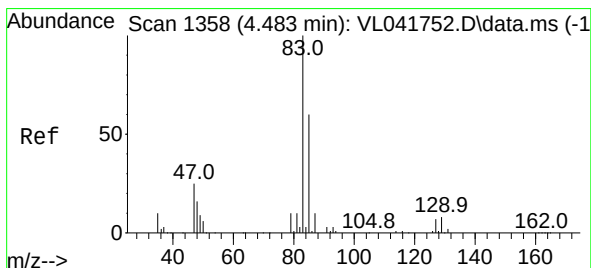
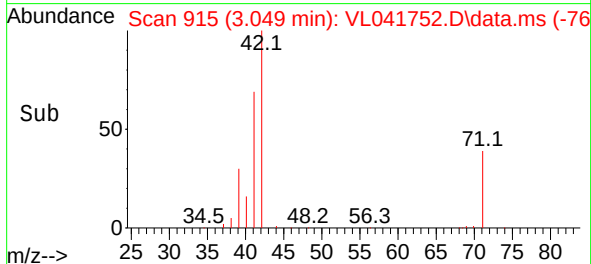
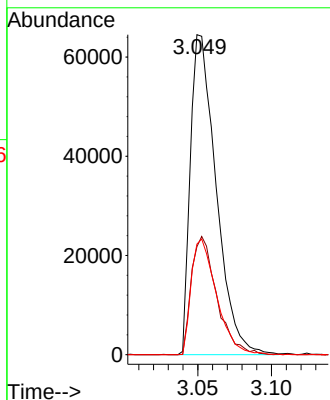
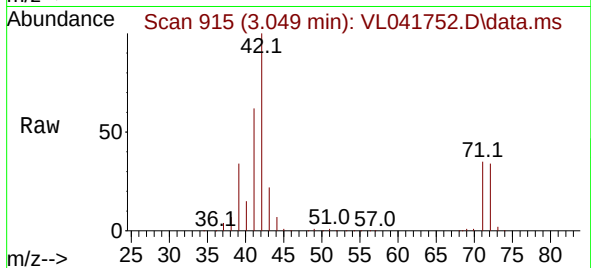
#41
Tetrahydrofuran
Concen: 9.474 ppbv
RT: 3.049 min Scan# 915
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 78480
Ion Ratio Lower Upper
42 100
72 36.4 29.1 43.7
71 35.5 28.4 42.6

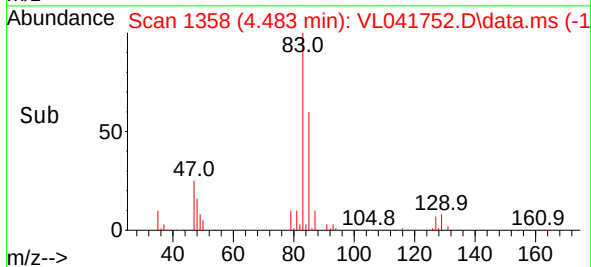
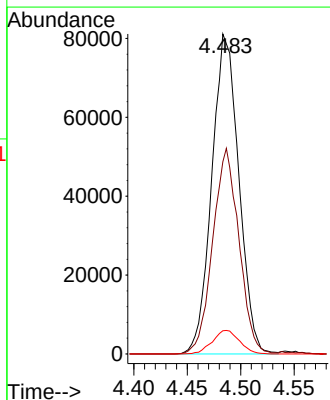
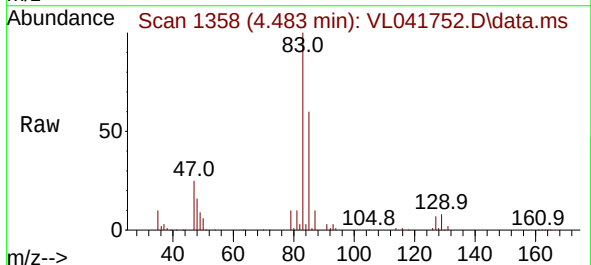
Manual Integrations
APPROVED

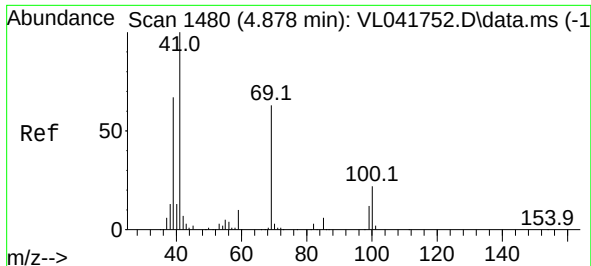
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
Bromodichloromethane
Concen: 10.494 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Tgt Ion: 83 Resp: 142819
Ion Ratio Lower Upper
83 100
85 60.0 48.0 72.0
127 7.3 5.8 8.8





#43

Methyl Methacrylate

Concen: 10.020 ppbv

RT: 4.878 min Scan# 1480

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

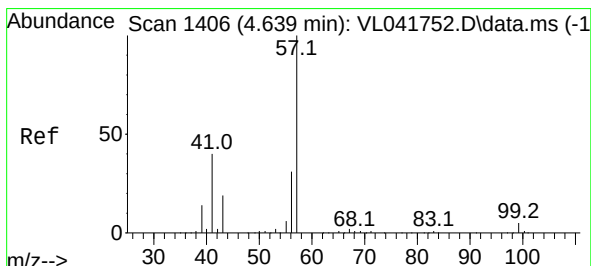
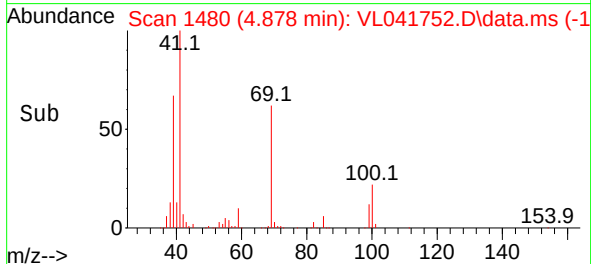
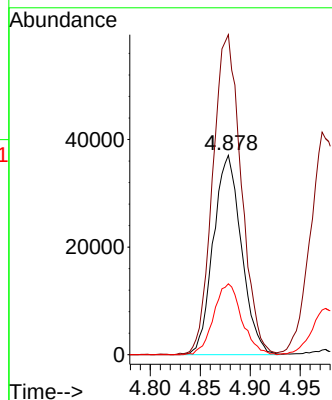
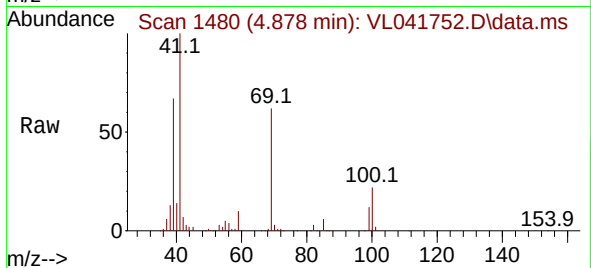
Tgt Ion: 69 Resp: 72578

Ion	Ratio	Lower	Upper
69	100		
41	162.9	130.3	195.5
100	35.4	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: 9.479 ppbv

RT: 4.639 min Scan# 1406

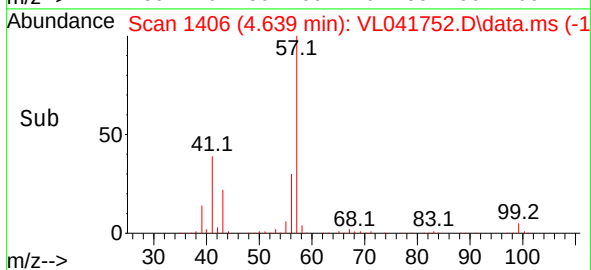
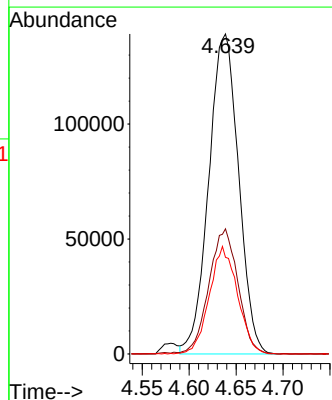
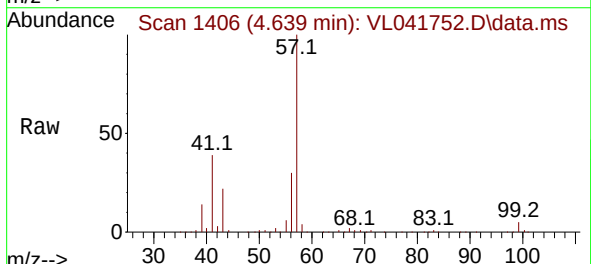
Delta R.T. 0.000 min

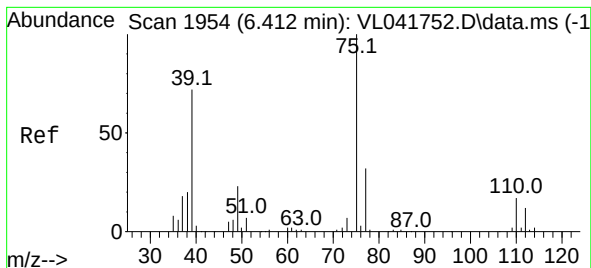
Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Tgt Ion: 57 Resp: 307748

Ion	Ratio	Lower	Upper
57	100		
41	38.4	30.7	46.1
56	31.7	25.4	38.0





#45

t-1,3-Dichloropropene

Concen: 10.378 ppbv

RT: 6.412 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 77752

Ion Ratio Lower Upper

75 100

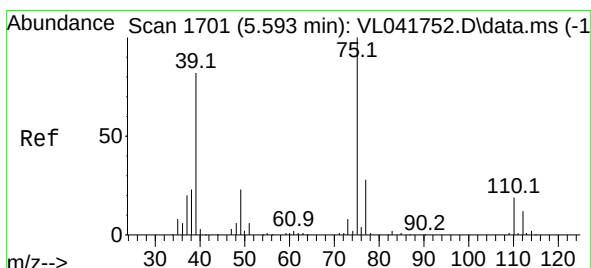
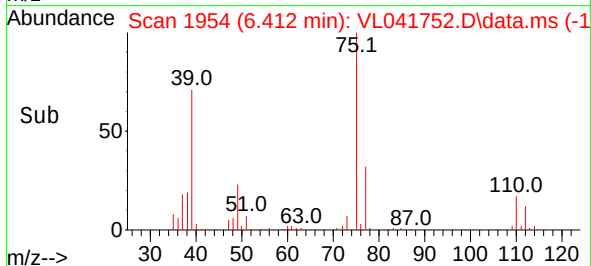
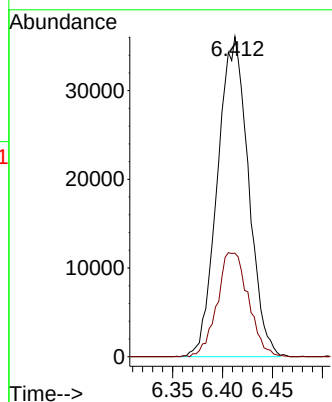
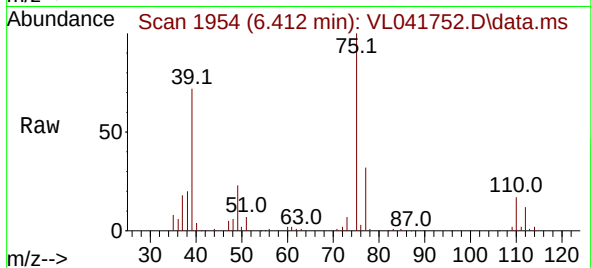
77 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#46

cis-1,3-Dichloropropene

Concen: 10.303 ppbv

RT: 5.593 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

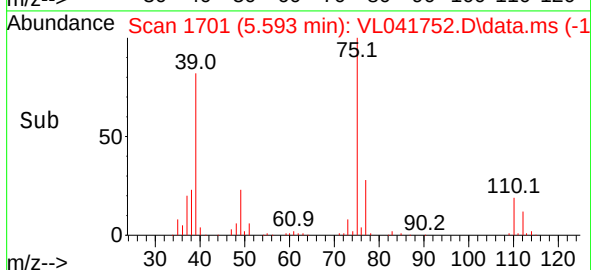
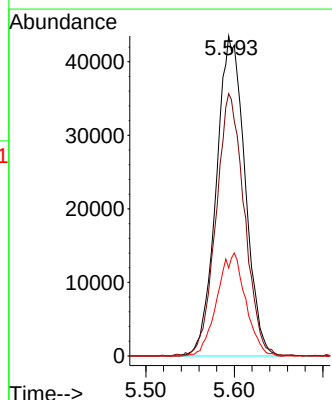
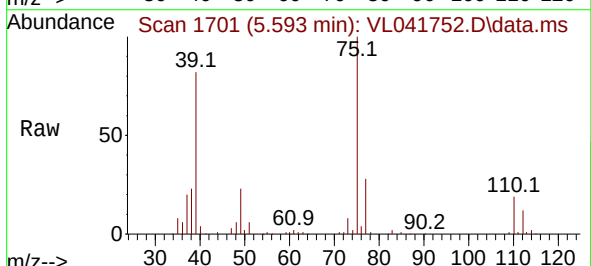
Tgt Ion: 75 Resp: 97992

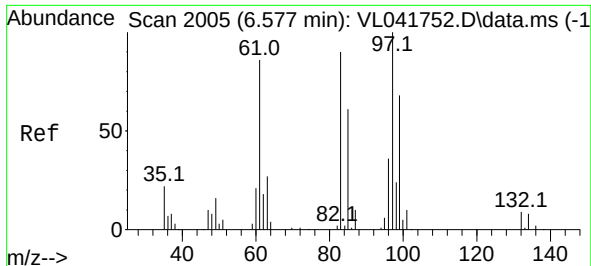
Ion Ratio Lower Upper

75 100

39 81.5 65.2 97.8

77 27.5 22.0 33.0





#47

1,1,2-Trichloroethane

Concen: 9.406 ppbv

RT: 6.577 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

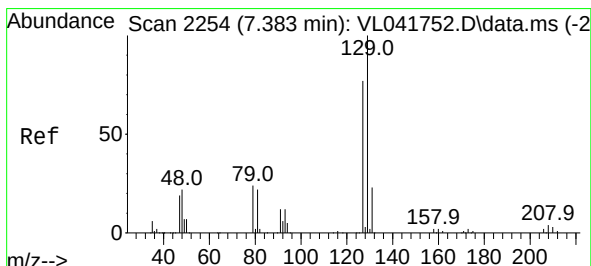
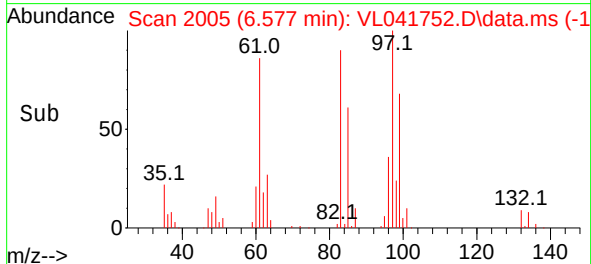
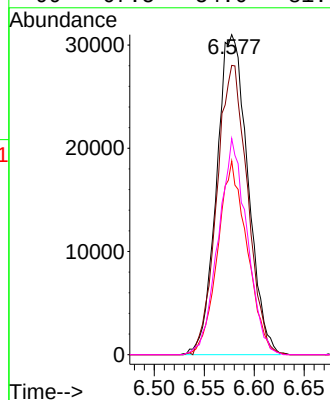
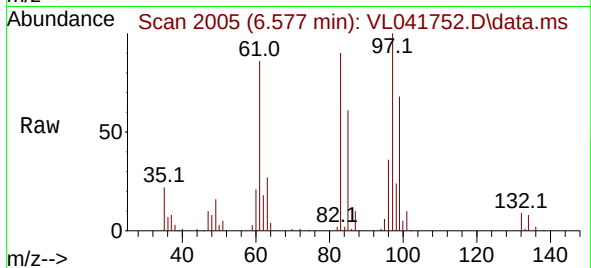
Tgt Ion:	97	Resp:	67550
Ion	Ratio	Lower	Upper
97	100		
83	90.4	72.3	108.5
85	60.6	48.5	72.7
99	67.5	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#48

Dibromochloromethane

Concen: 11.105 ppbv

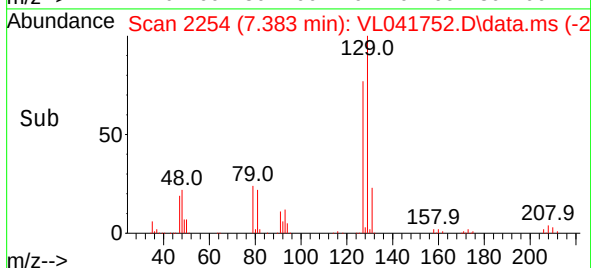
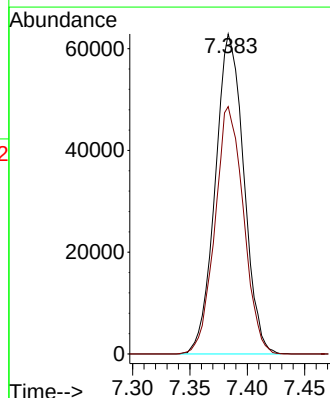
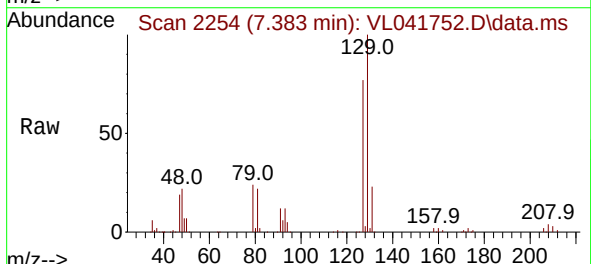
RT: 7.383 min Scan# 2254

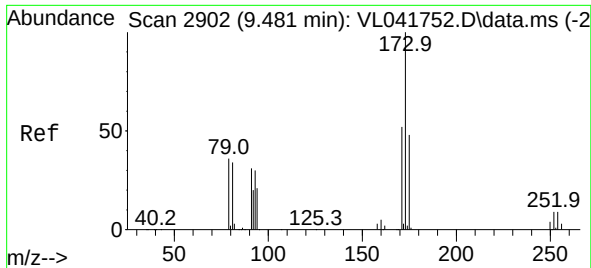
Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

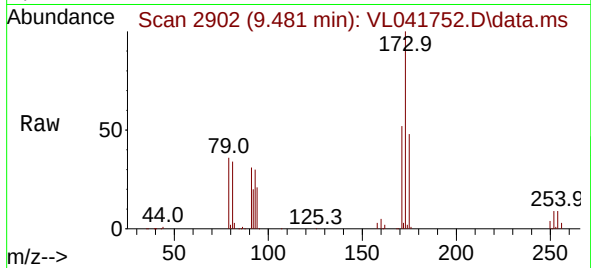
Tgt Ion:	129	Resp:	108899
Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.8	116.3





#49
Bromoform
Concen: 11.410 ppbv
RT: 9.481 min Scan# 2902
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

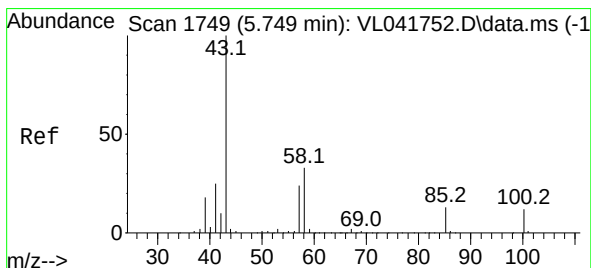
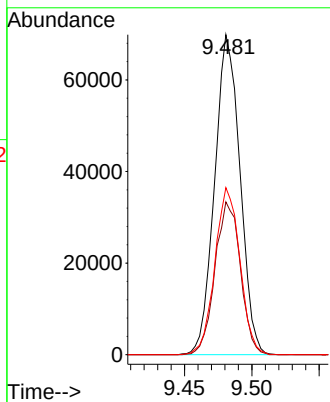
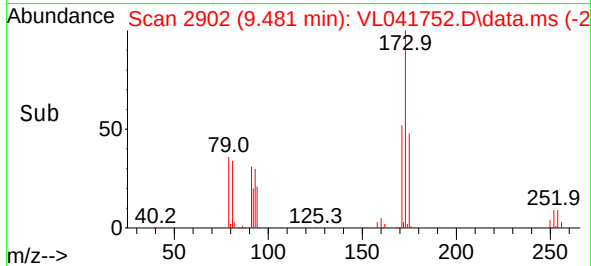
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:173 Resp: 9158
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
171 51.4 41.1 61.7

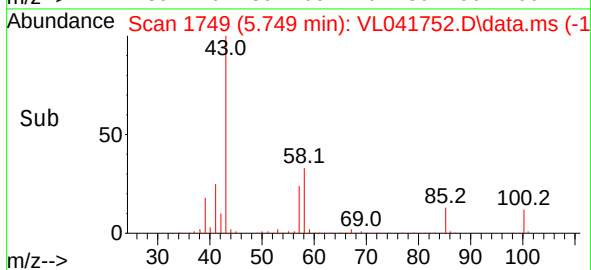
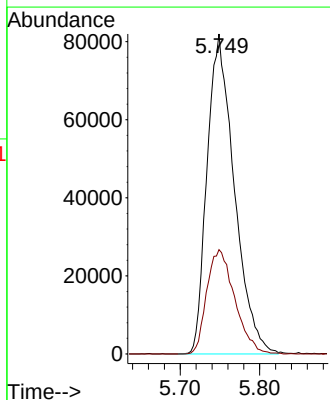
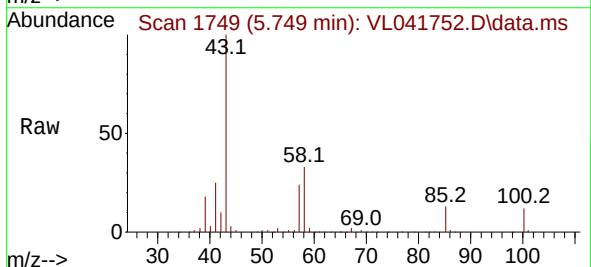
Manual Integrations
APPROVED

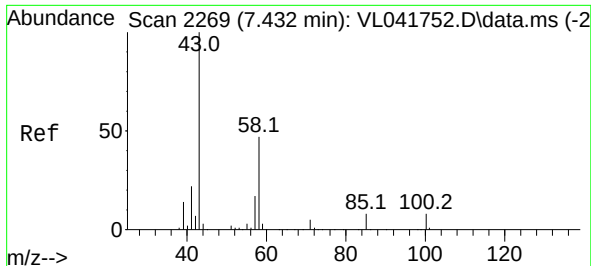
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
4-Methyl-2-Pentanone
Concen: 9.678 ppbv
RT: 5.749 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Tgt Ion: 43 Resp: 194838
Ion Ratio Lower Upper
43 100
58 33.5 26.8 40.2





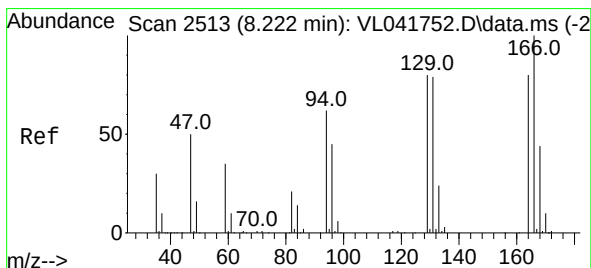
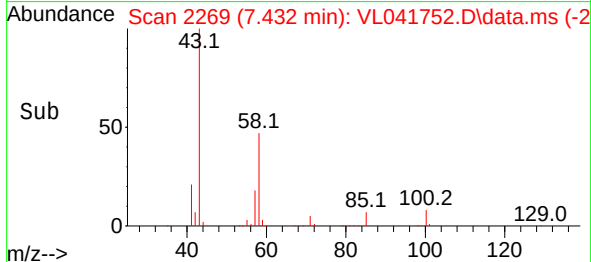
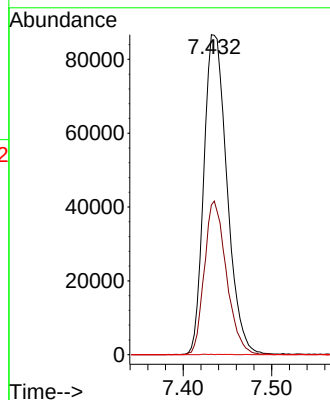
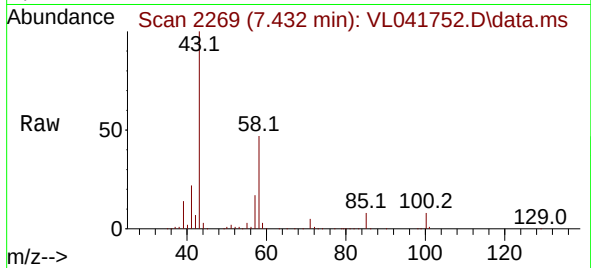
#51
2-Hexanone
Concen: 9.650 ppbv
RT: 7.432 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 15747
Ion Ratio Lower Upper
43 100
58 45.8 36.6 55.0
98 0.1 0.1 0.1

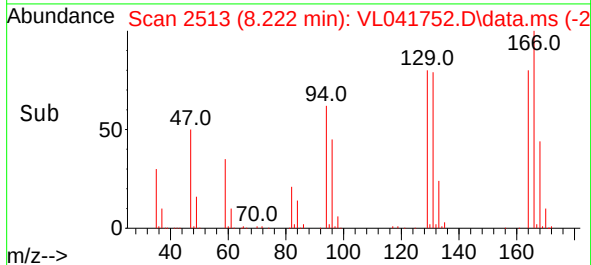
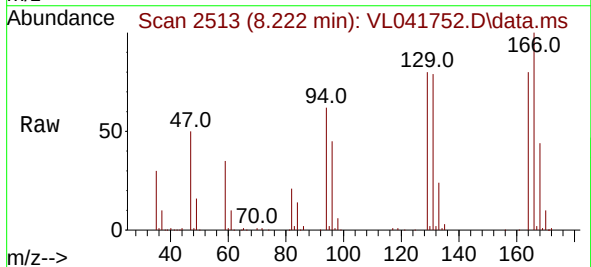
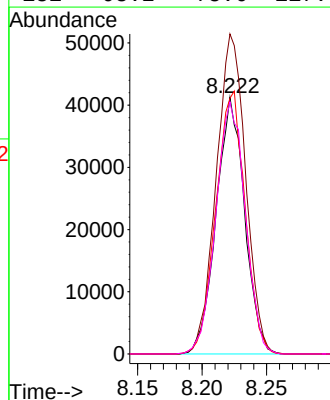
Manual Integrations
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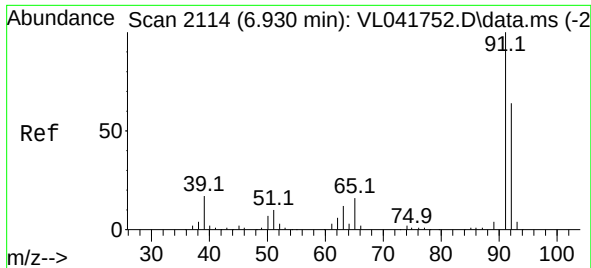
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Tetrachloroethene
Concen: 8.901 ppbv
RT: 8.222 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

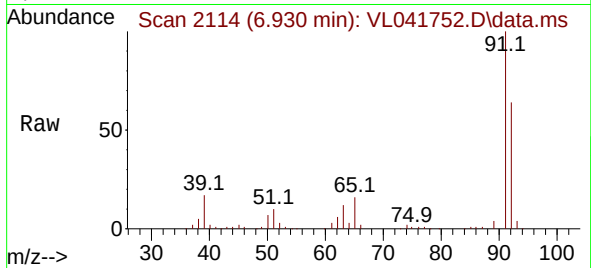
Tgt Ion:164 Resp: 62989
Ion Ratio Lower Upper
164 100
166 124.7 99.8 149.6
129 99.5 79.6 119.4
131 98.2 78.6 117.8





#53
Toluene
Concen: 9.574 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

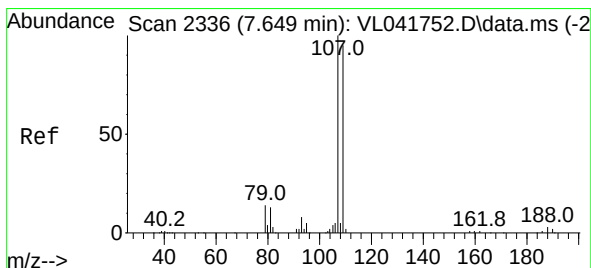
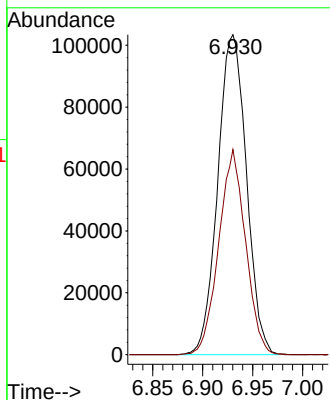
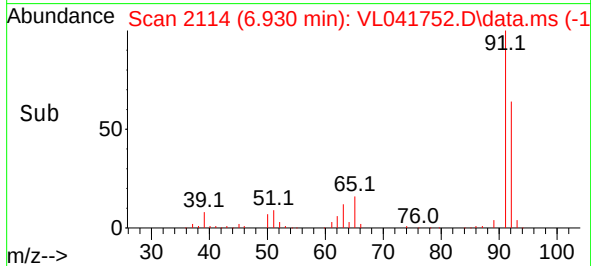
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



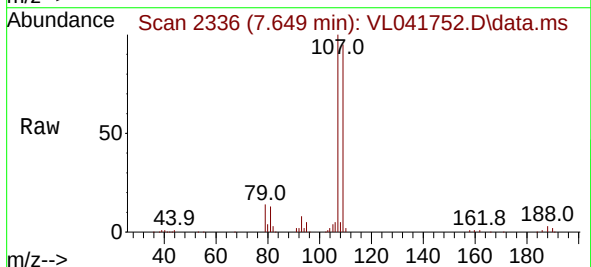
Tgt Ion: 91 Resp: 206354
Ion Ratio Lower Upper
91 100
92 59.9 47.9 71.9

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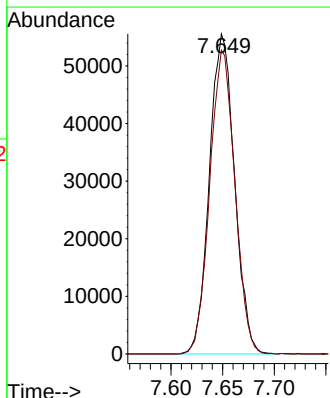
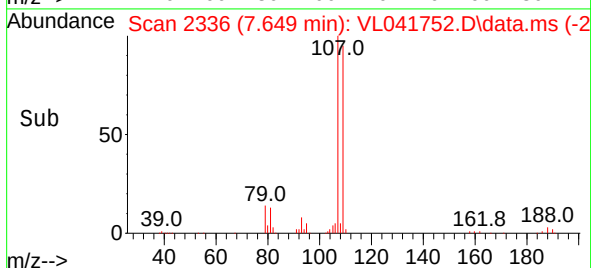
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

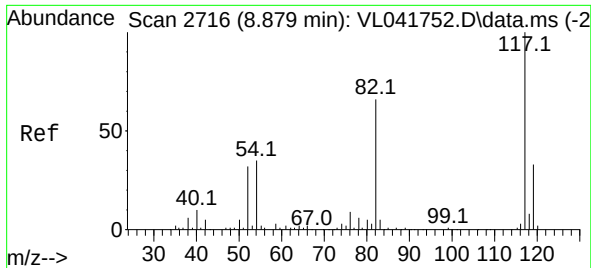


#54
1,2-Dibromoethane
Concen: 9.501 ppbv
RT: 7.649 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30



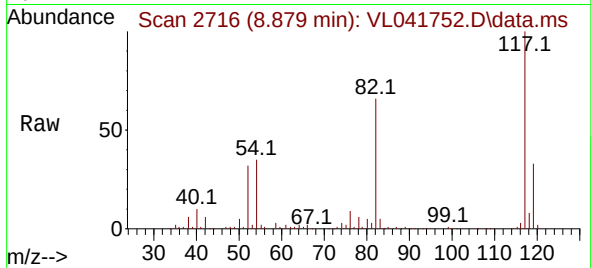
Tgt Ion:107 Resp: 94016
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.879 min Scan# 2716
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

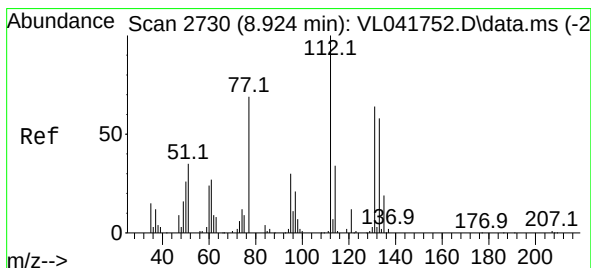
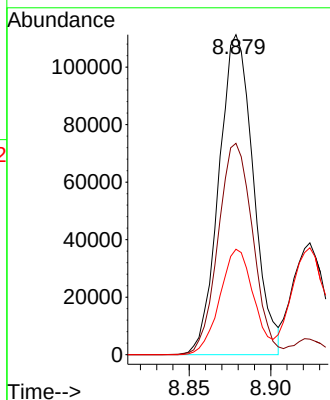
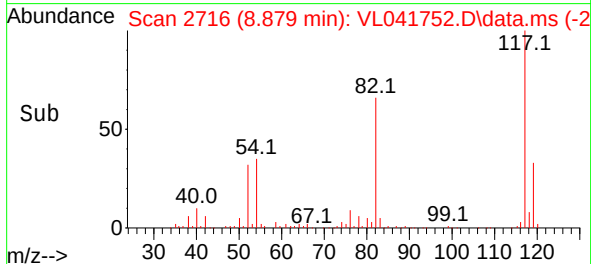
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 163333
Ion Ratio Lower Upper
117 100
82 67.3 53.8 80.8
119 33.4 26.7 40.1

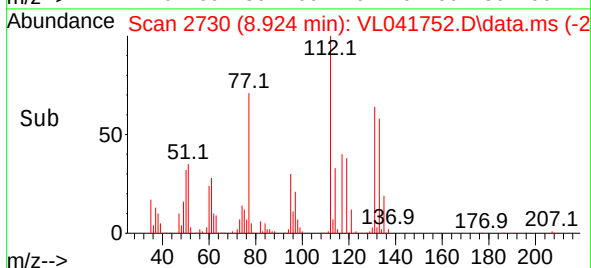
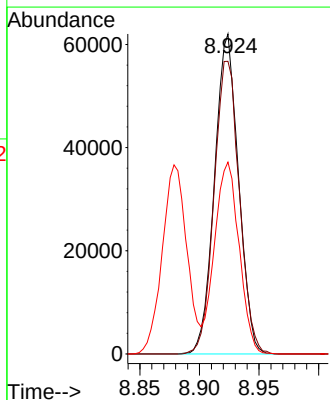
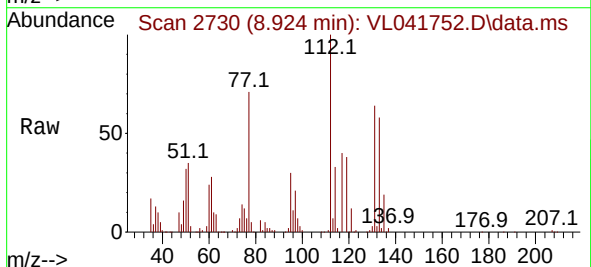
Manual Integrations
APPROVED

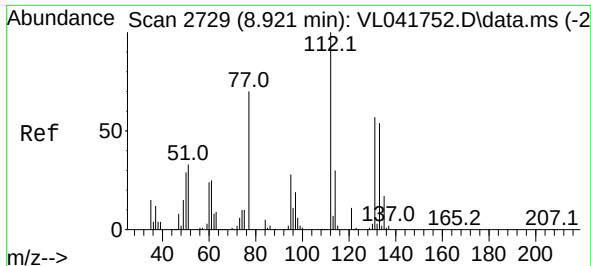
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 10.027 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

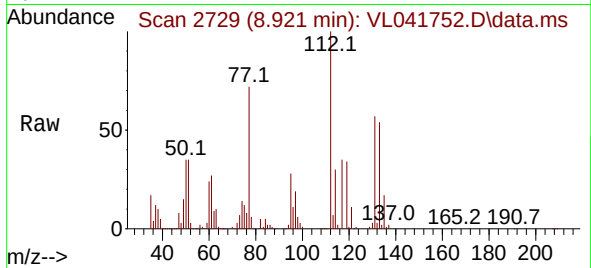
Tgt Ion:131 Resp: 86831
Ion Ratio Lower Upper
131 100
133 96.0 76.8 115.2
119 61.3 49.0 73.6





#57
Chlorobenzene
Concen: 9.295 ppbv
RT: 8.921 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

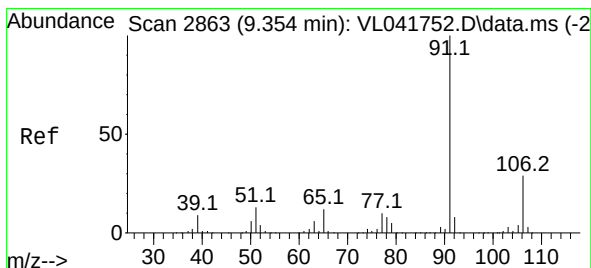
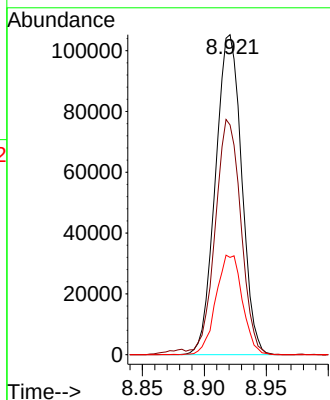
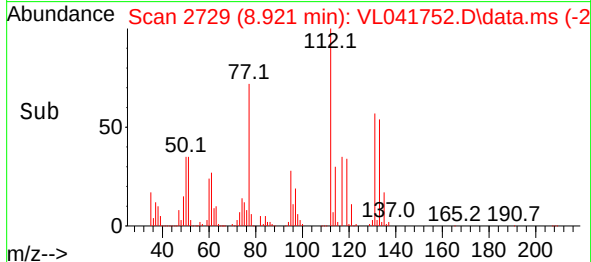
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 112 Resp: 155349
Ion Ratio Lower Upper
112 100
77 71.7 57.4 86.0
114 30.4 27.4 33.4

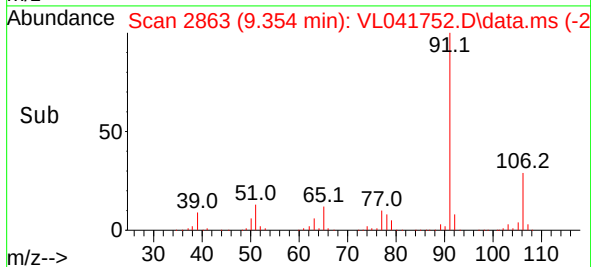
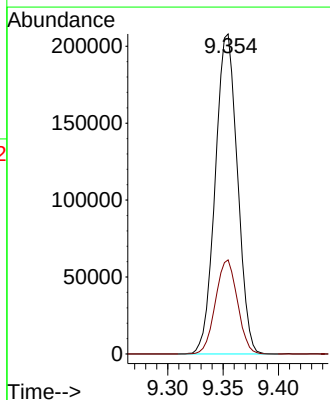
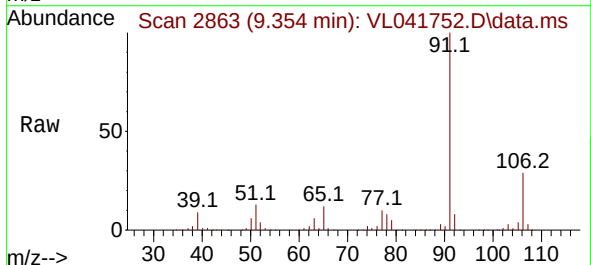
Manual Integrations
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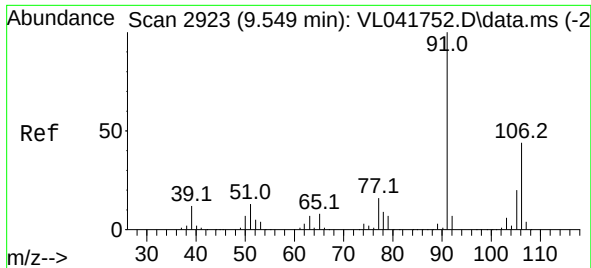
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
Ethyl Benzene
Concen: 9.853 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Tgt Ion: 91 Resp: 289734
Ion Ratio Lower Upper
91 100
106 29.4 23.5 35.3





#59

m/p-Xylene

Concen: 19.568 ppbv m

RT: 9.549 min Scan# 2923

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

Tgt Ion: 91 Resp: 46280

Ion Ratio Lower Upper

91 100

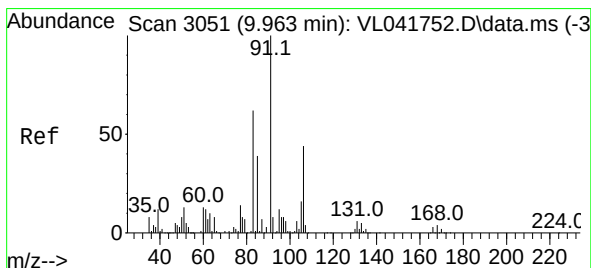
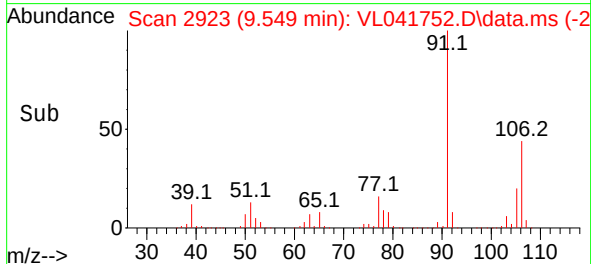
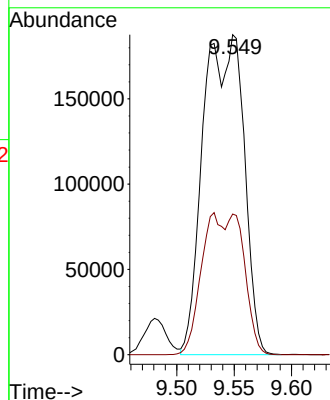
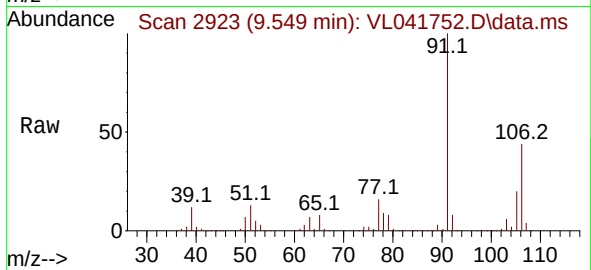
106 0.0 0.0 0.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#60

o-Xylene

Concen: 9.789 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VL041752.D

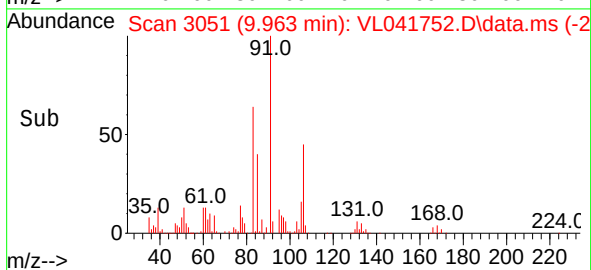
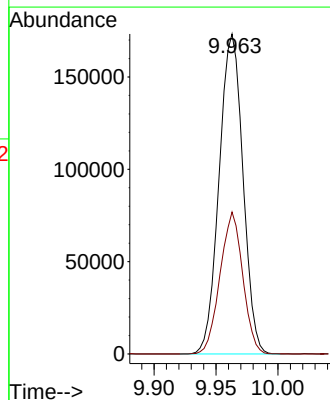
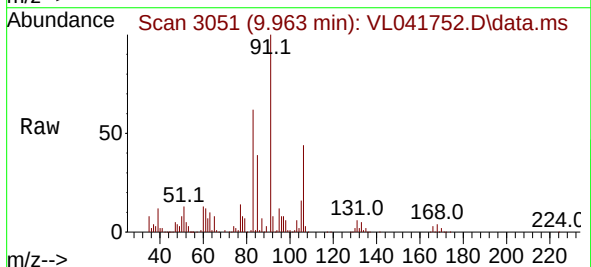
Acq: 16 Dec 2024 13:30

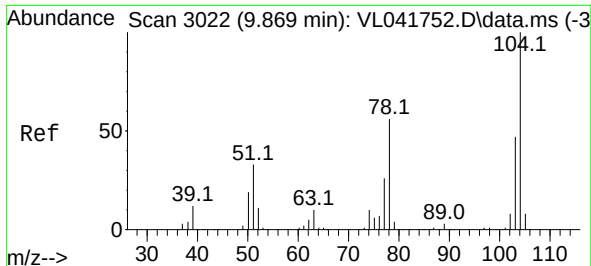
Tgt Ion: 91 Resp: 232101

Ion Ratio Lower Upper

91 100

106 42.3 21.1 63.4





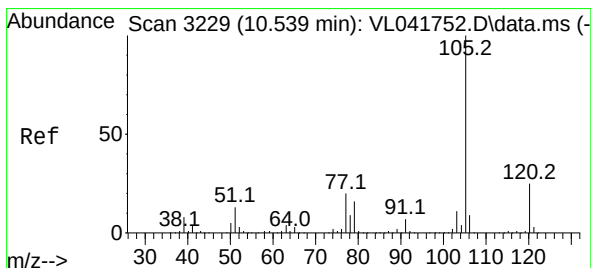
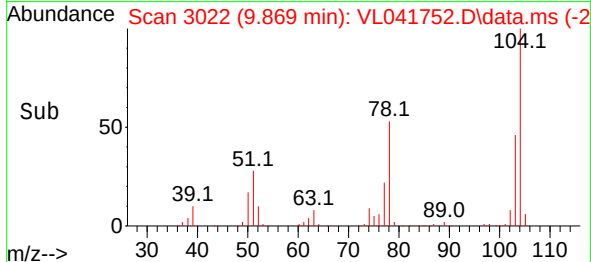
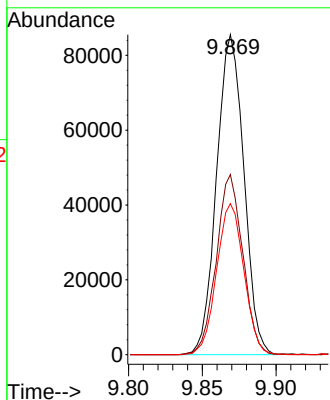
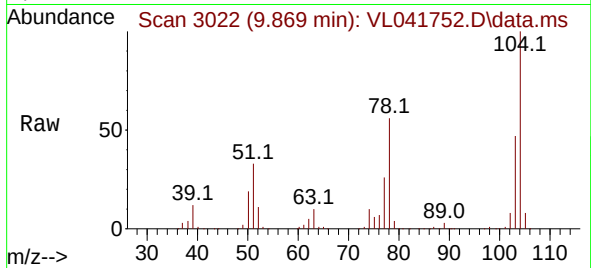
#61
Styrene
Concen: 10.733 ppbv
RT: 9.869 min Scan# 3022
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 11004
Ion Ratio Lower Upper
104 100
78 54.7 43.8 65.6
103 47.2 37.8 56.6

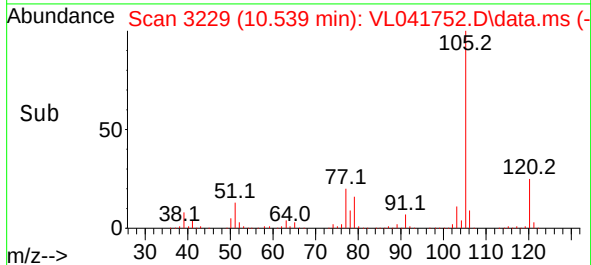
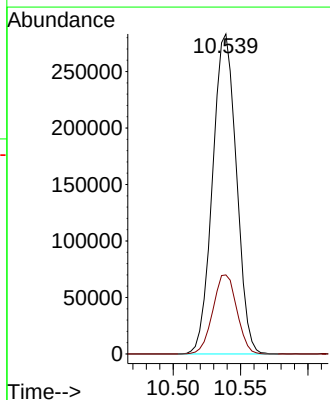
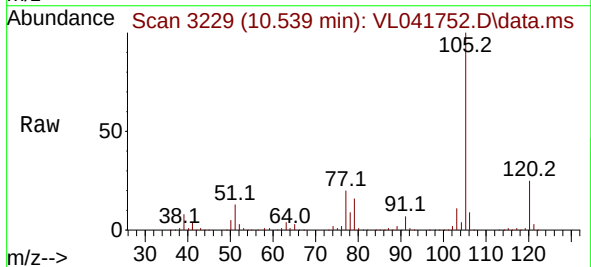
Manual Integrations
APPROVED

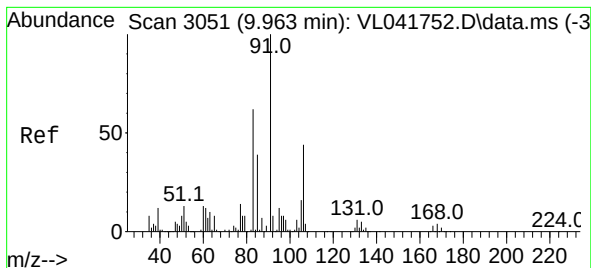
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#62
Isopropylbenzene
Concen: 9.788 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

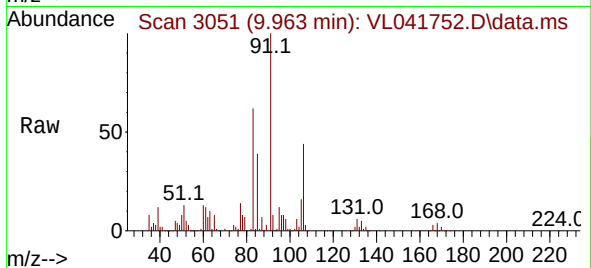
Tgt Ion:105 Resp: 348684
Ion Ratio Lower Upper
105 100
120 24.8 19.8 29.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.255 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

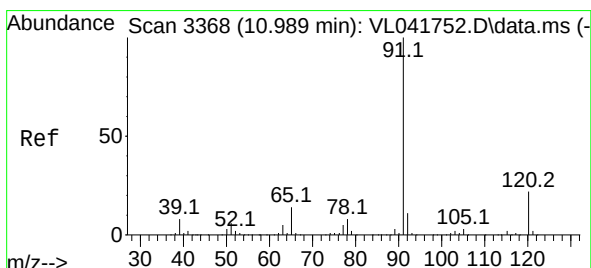
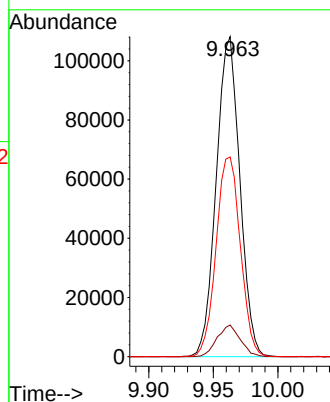
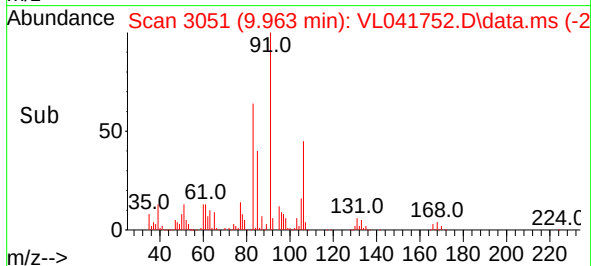
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 137363
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 64.1 32.0 96.2

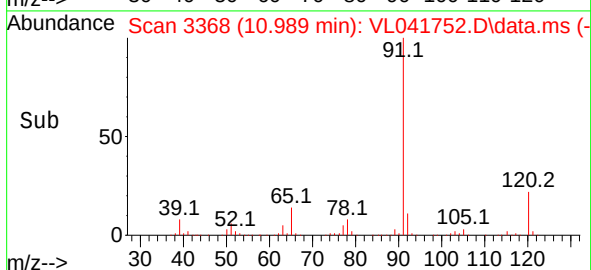
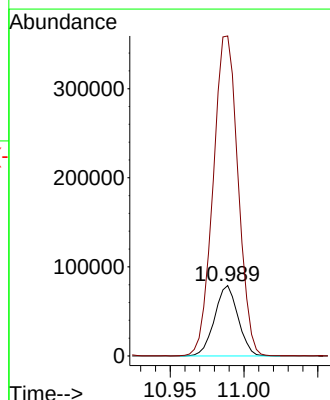
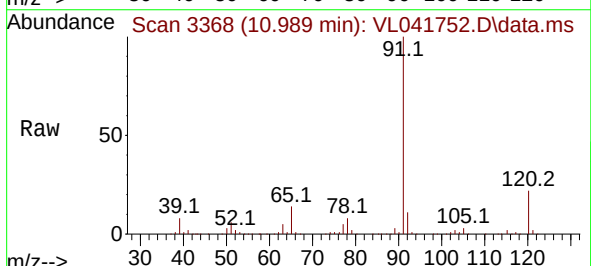
Manual Integrations
APPROVED

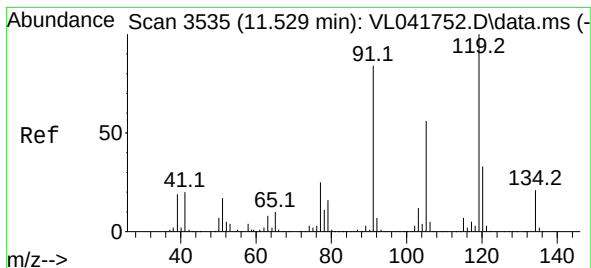
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#64
n-propylbenzene
Concen: 9.700 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Tgt Ion:120 Resp: 87360
Ion Ratio Lower Upper
120 100
91 484.1 387.3 580.9





#65

tert-Butylbenzene

Concen: 9.615 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

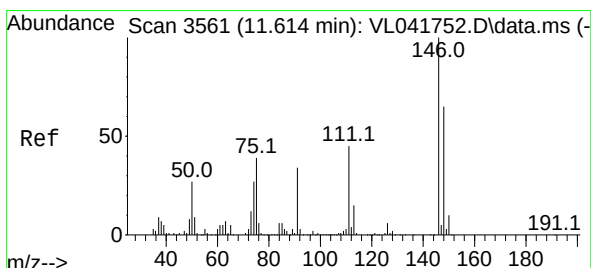
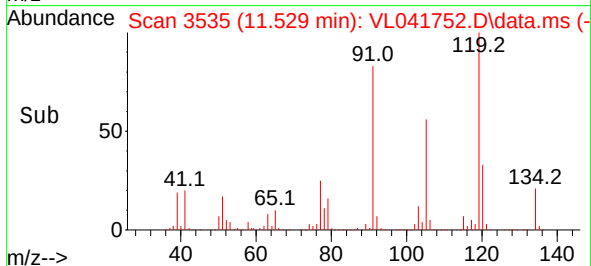
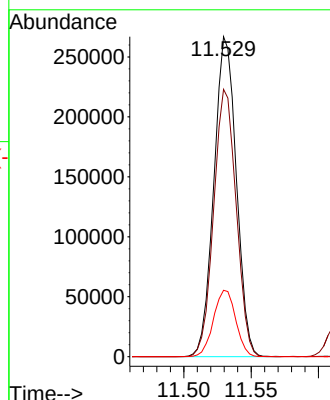
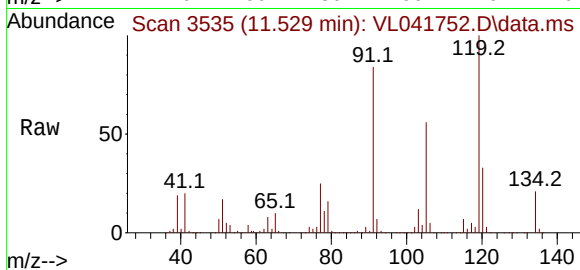
Tgt Ion:119 Resp: 309030

Ion	Ratio	Lower	Upper
119	100		
91	83.7	67.0	100.4
134	20.6	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: 10.954 ppbv

RT: 11.614 min Scan# 3561

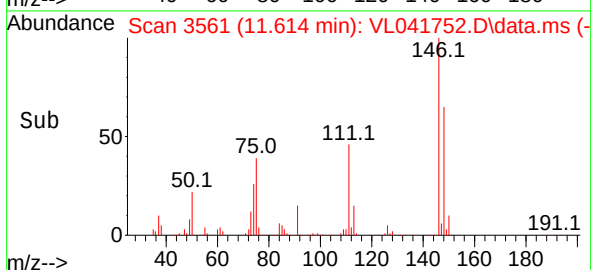
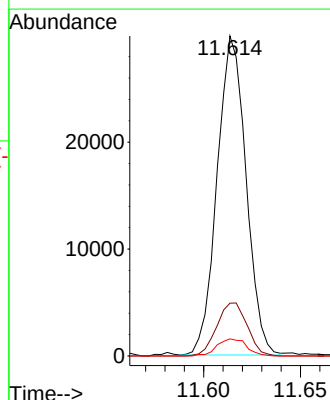
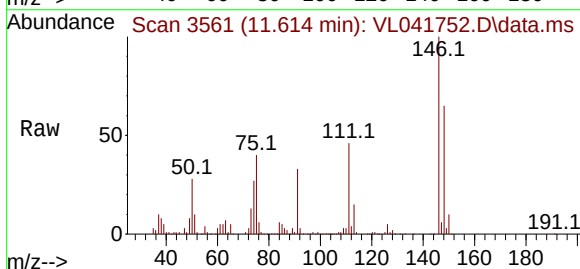
Delta R.T. 0.000 min

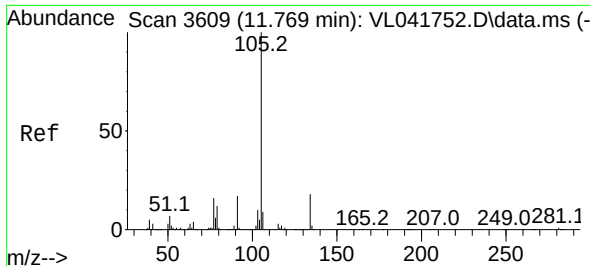
Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Tgt Ion: 91 Resp: 31039

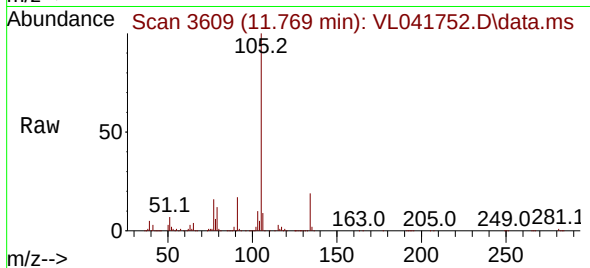
Ion	Ratio	Lower	Upper
91	100		
126	17.4	13.9	20.9
128	5.5	4.4	6.6





#67
sec-Butylbenzene
Concen: 9.687 ppbv
RT: 11.769 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

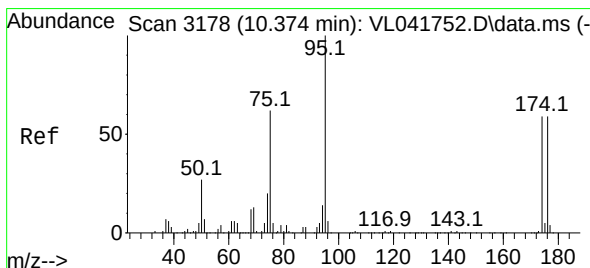
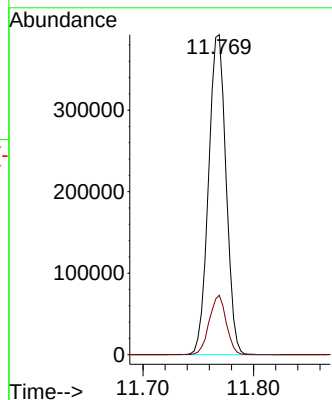
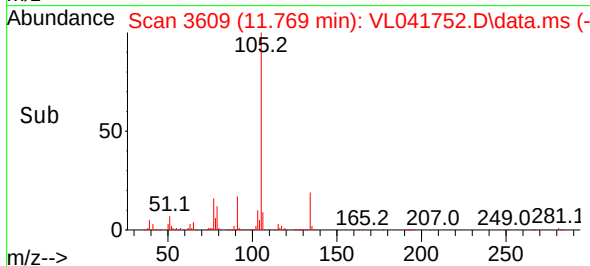
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



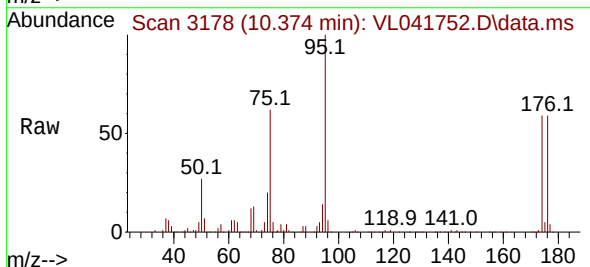
Tgt Ion:105 Resp: 430810
Ion Ratio Lower Upper
105 100
134 18.1 14.5 21.7

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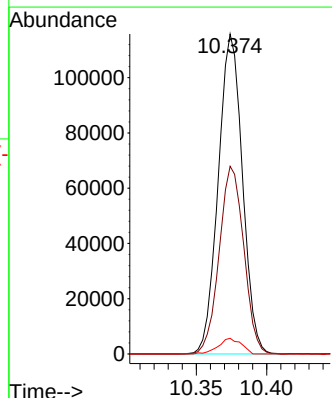
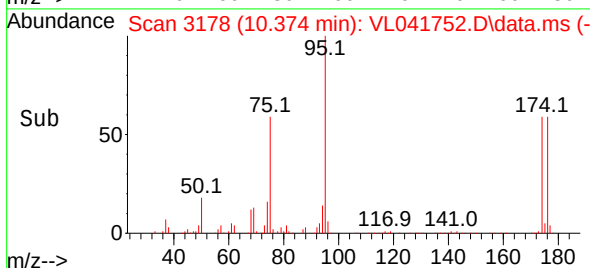
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

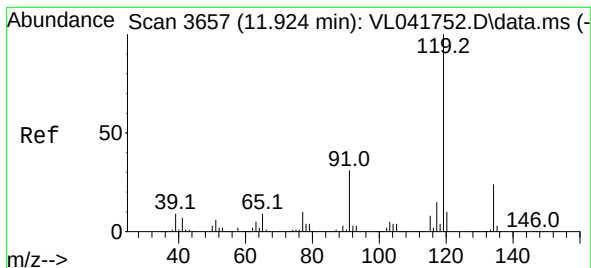


#68
1-Bromo-4-Fluorobenzene
Concen: 10.172 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30



Tgt Ion: 95 Resp: 138451
Ion Ratio Lower Upper
95 100
174 59.5 47.6 71.4
175 4.6 3.7 5.5





#69

p-Isopropyltoluene

Concen: 9.906 ppbv

RT: 11.924 min Scan# 3657

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

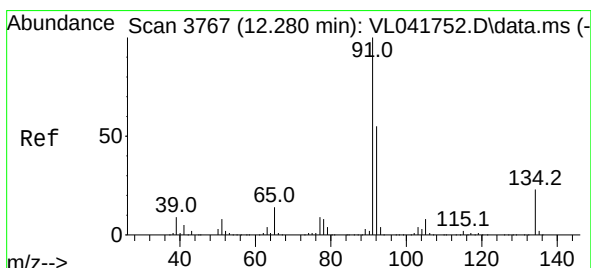
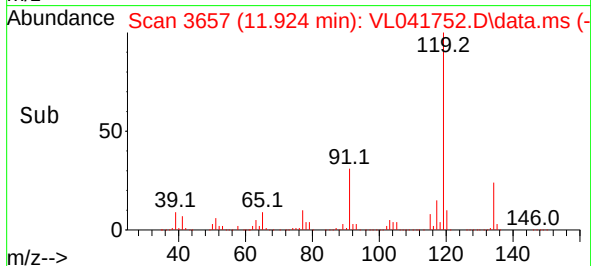
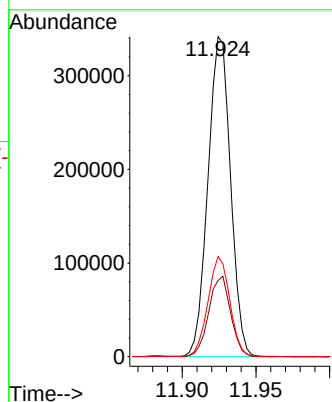
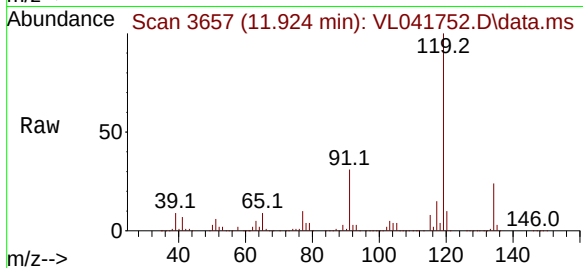
Tgt Ion: 119 Resp: 363072

Ion	Ratio	Lower	Upper
119	100		
134	24.5	19.6	29.4
91	30.5	24.4	36.6

Manual Integrations

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



#70

n-Butylbenzene

Concen: 10.137 ppbv

RT: 12.280 min Scan# 3767

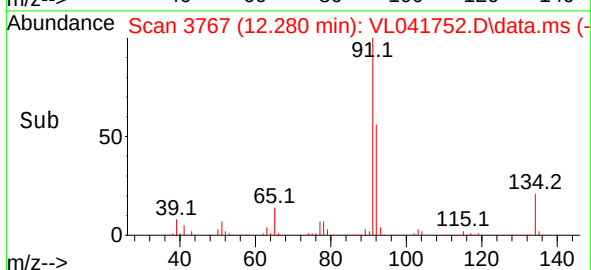
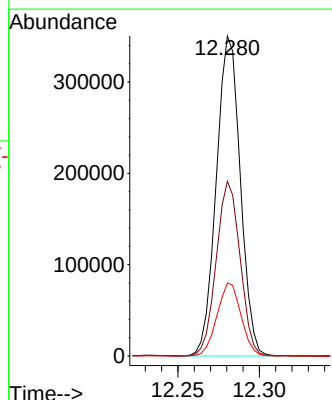
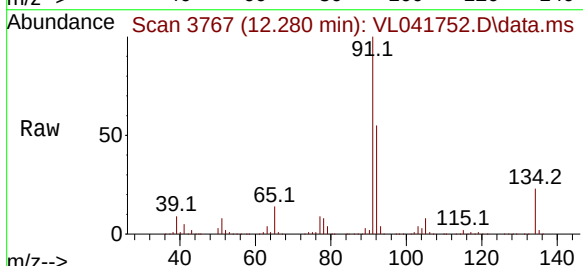
Delta R.T. 0.000 min

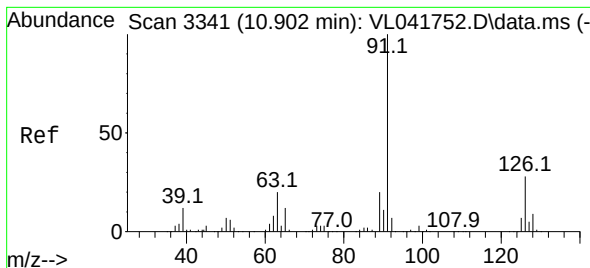
Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Tgt Ion: 91 Resp: 358993

Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.2	64.8
134	22.8	18.2	27.4





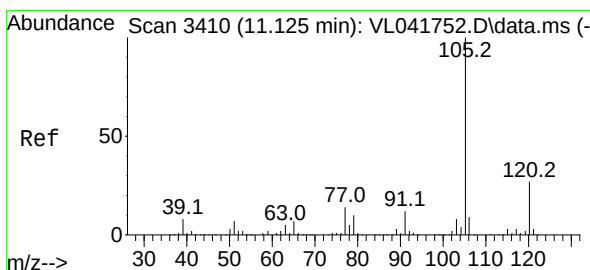
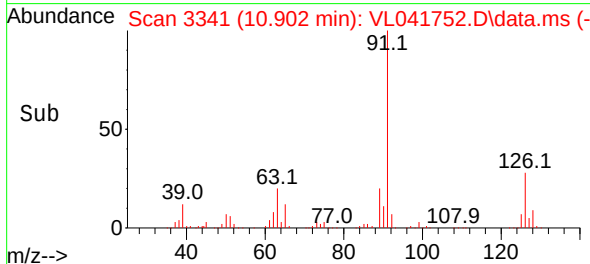
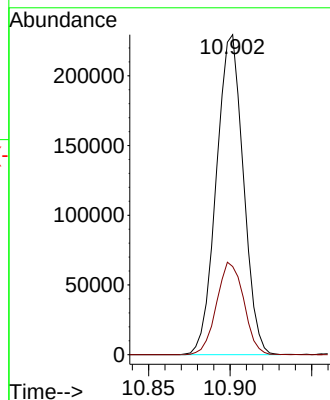
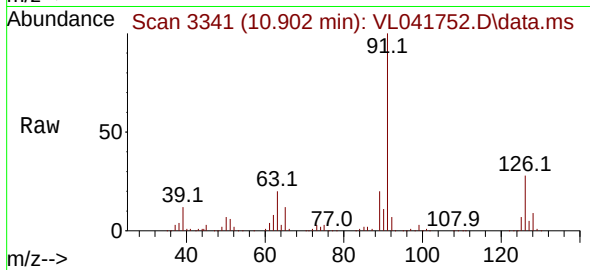
#71
2-Chlorotoluene
Concen: 9.708 ppbv
RT: 10.902 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 264002
Ion Ratio Lower Upper
91 100
126 29.0 11.6 46.4

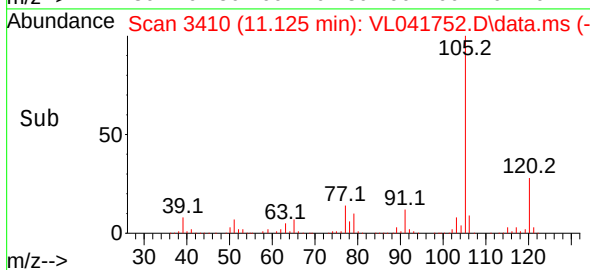
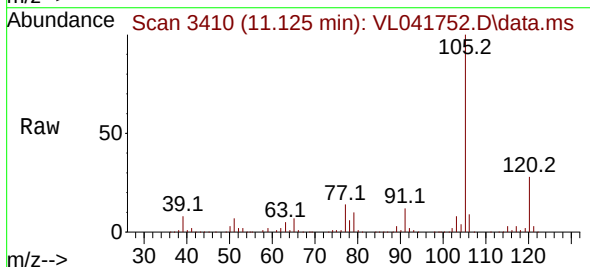
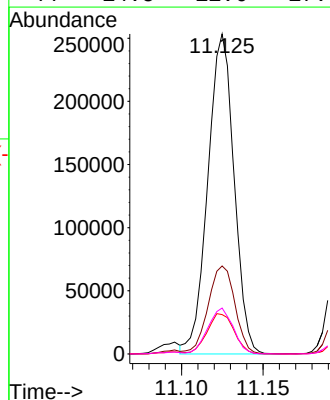
Manual Integrations
APPROVED

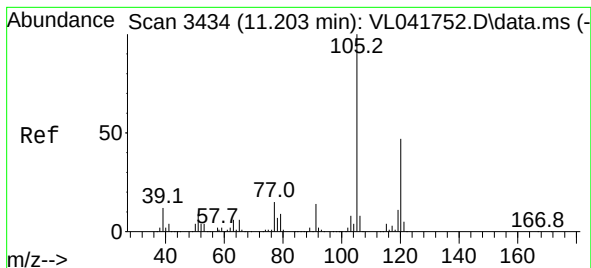
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#72
4-Ethyltoluene
Concen: 10.120 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

Tgt Ion:105 Resp: 282698
Ion Ratio Lower Upper
105 100
120 29.1 23.3 34.9
91 13.6 10.9 16.3
77 14.5 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.304 ppbv

RT: 11.203 min Scan# 3434

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 23926

Ion Ratio Lower Upper

105 100

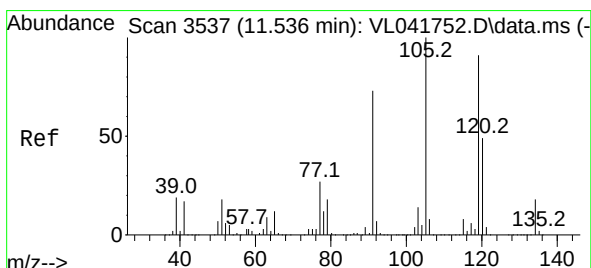
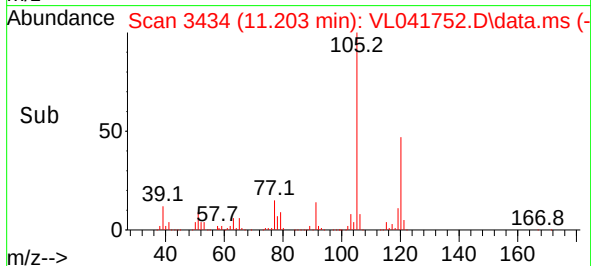
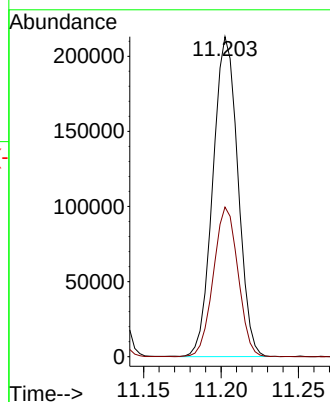
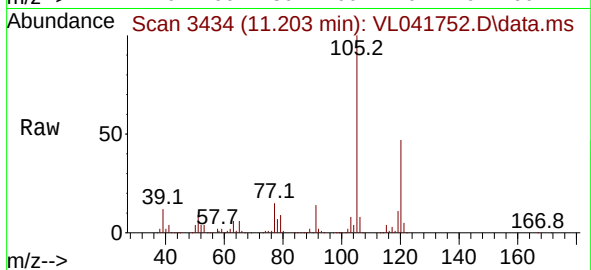
120 46.8 37.4 56.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.244 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Tgt Ion:105 Resp: 255780

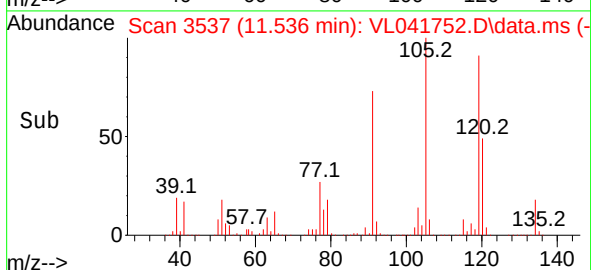
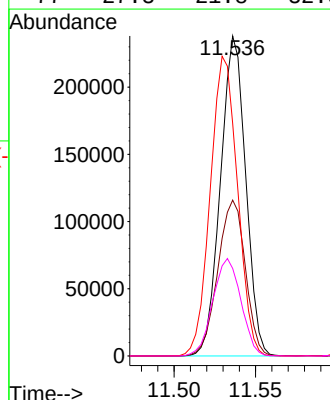
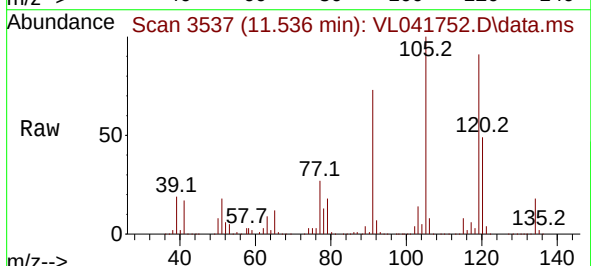
Ion Ratio Lower Upper

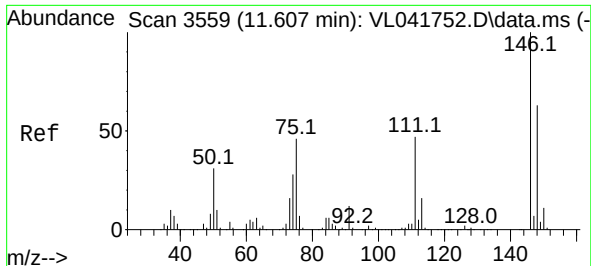
105 100

120 48.7 39.0 58.4

91 72.6 58.1 87.1

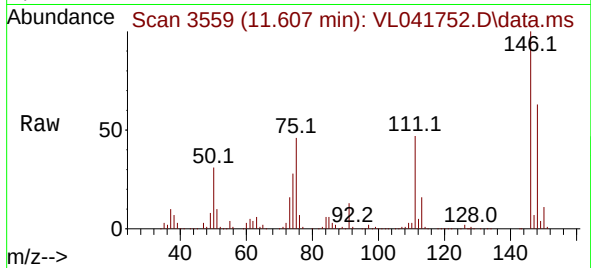
77 27.3 21.8 32.8





#75
1,3-Dichlorobenzene
Concen: 9.532 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

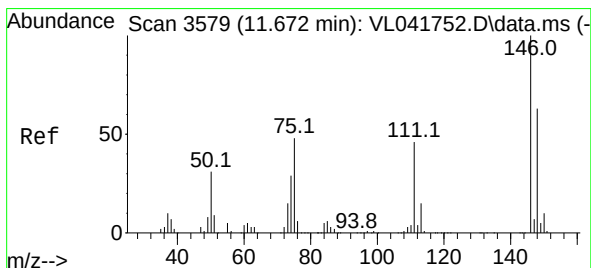
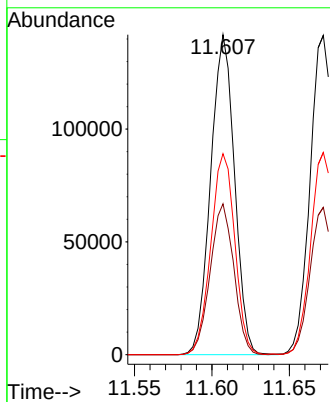
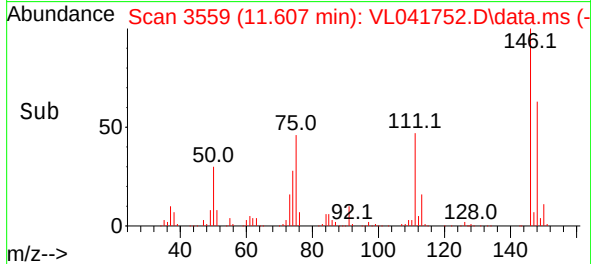
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010



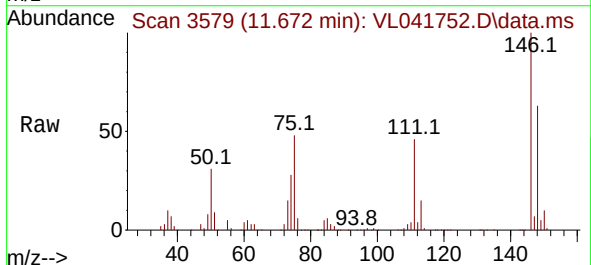
Tgt Ion:146 Resp: 151752
Ion Ratio Lower Upper
146 100
111 46.9 23.4 70.3
148 63.3 31.6 95.0

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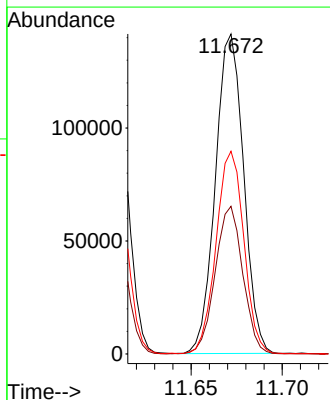
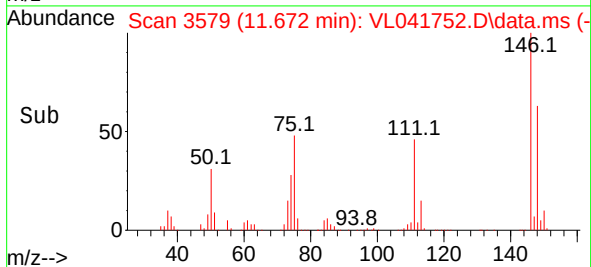
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

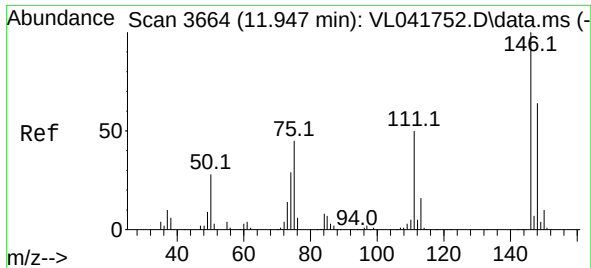


#76
1,4-Dichlorobenzene
Concen: 9.671 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30



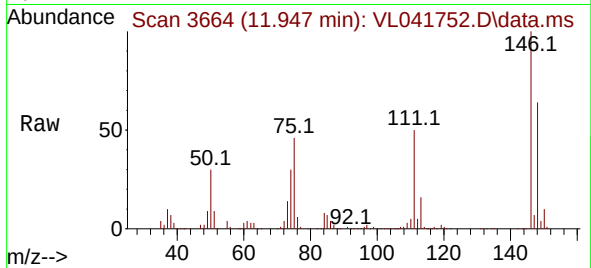
Tgt Ion:146 Resp: 152099
Ion Ratio Lower Upper
146 100
111 45.4 22.7 68.1
148 62.7 31.4 94.0





#77
1,2-Dichlorobenzene
Concen: 9.227 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30

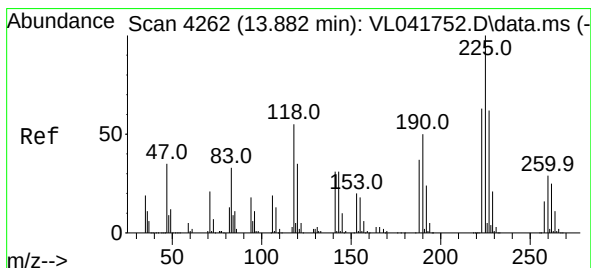
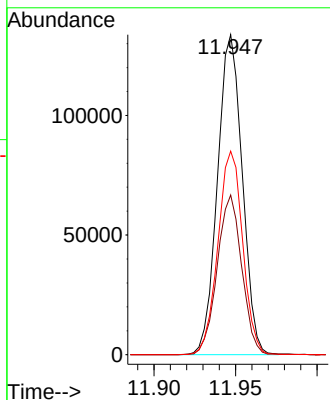
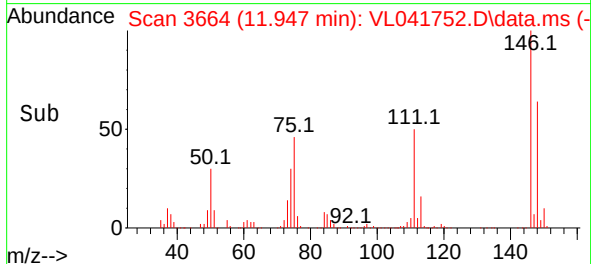
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



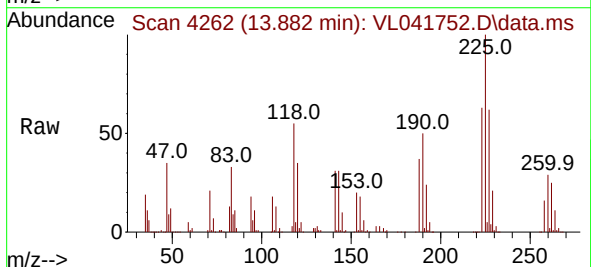
Tgt Ion:146 Resp: 141338
Ion Ratio Lower Upper
146 100
111 49.5 24.8 74.3
148 63.6 31.8 95.4

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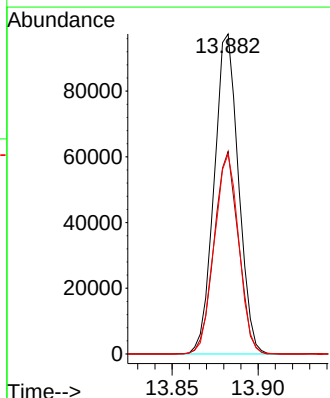
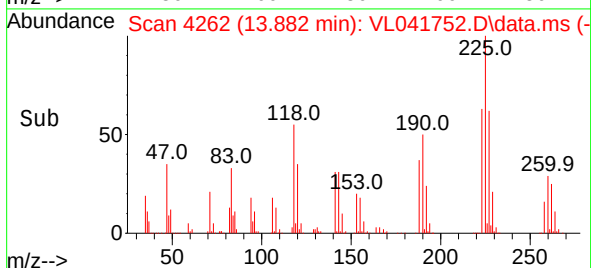
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

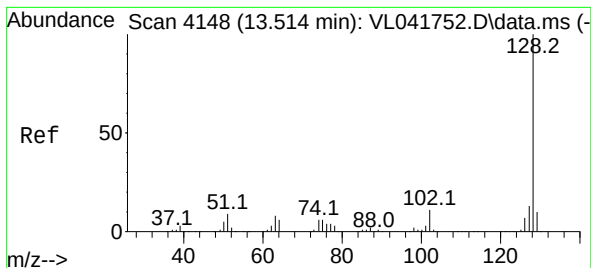


#78
Hexachloro-1,3-Butadiene
Concen: 8.431 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. 0.000 min
Lab File: VL041752.D
Acq: 16 Dec 2024 13:30



Tgt Ion:225 Resp: 95751
Ion Ratio Lower Upper
225 100
223 63.1 50.5 75.7
227 62.9 50.3 75.5





#79

Naphthalene

Concen: 11.812 ppbv

RT: 13.514 min Scan# 4148

Delta R.T. 0.000 min

Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

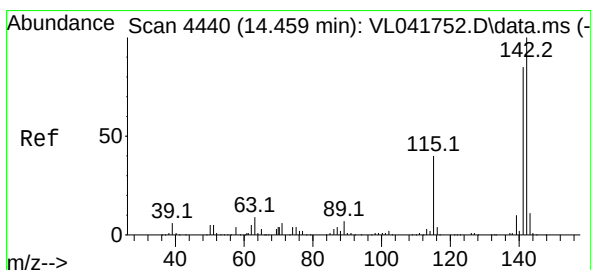
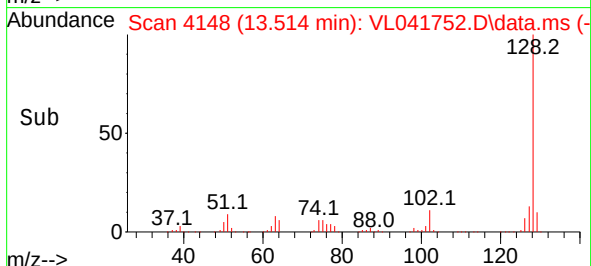
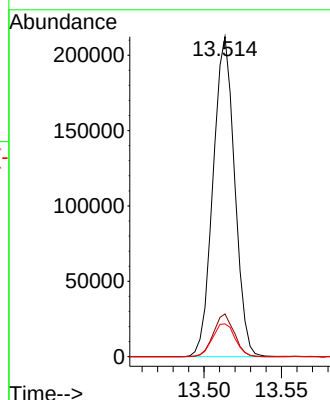
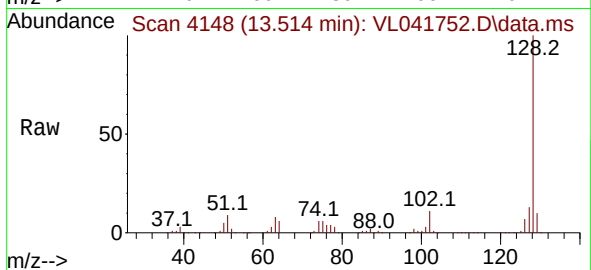
Tgt Ion:128 Resp: 20551

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.3	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: 19.755 ppbv

RT: 14.459 min Scan# 4440

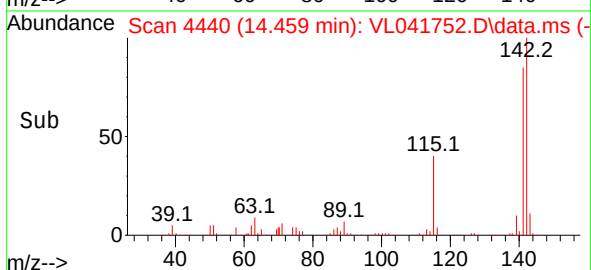
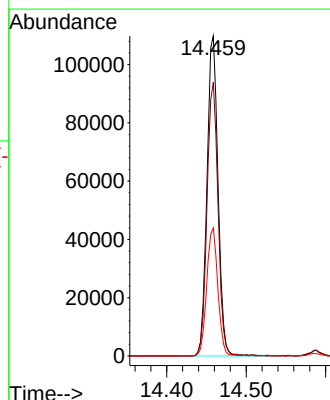
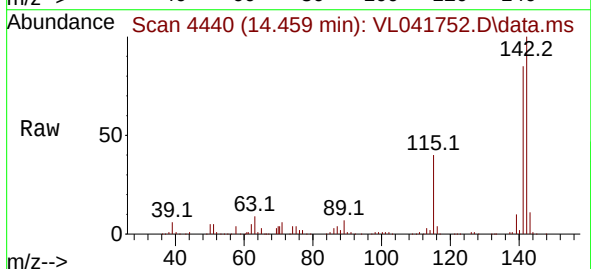
Delta R.T. 0.000 min

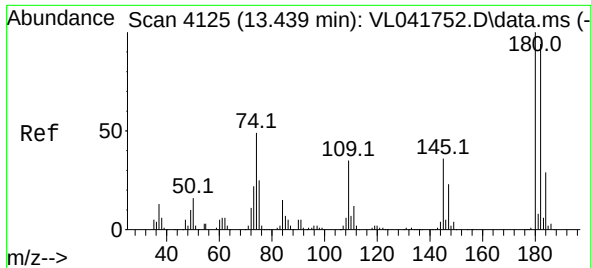
Lab File: VL041752.D

Acq: 16 Dec 2024 13:30

Tgt Ion:142 Resp: 106311

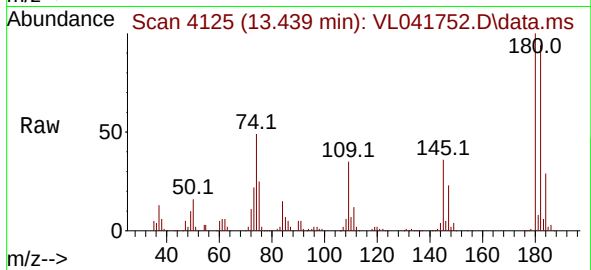
Ion	Ratio	Lower	Upper
142	100		
141	85.5	68.4	102.6
115	40.6	32.5	48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.672 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041752.D
 Acq: 16 Dec 2024 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 10146
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.0 115.6
 184 29.8 23.8 35.8

Manual Integrations
 APPROVED

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

