

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041993.D
 Acq On : 10 Feb 2025 17:52
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 01:27:06 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	132613	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.952	114	372174	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.875	117	328288	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 245358 9.489 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.495	85	187441	10.377	ppbv	97
3) Chlorodifluoromethane	1.473	51	208163	11.000	ppbv	99
4) Chloromethane	1.531	50	77124	11.353	ppbv	98
5) Vinyl Chloride	1.576	62	74402	10.812	ppbv	96
6) Bromomethane	1.667	94	34334	10.469	ppbv	98
7) Chloroethane	1.703	64	29648	11.074	ppbv	97
8) Dichlorotetrafluoroethane	1.550	85	170316	10.789	ppbv	100
9) Propene	1.482	41	85059	10.912	ppbv	97
10) Heptane	4.972	43	247164	11.862	ppbv	98
11) Trichlorofluoromethane	1.874	101	200701	10.681	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.136	101	162249	11.017	ppbv	99
13) Ethanol	1.719	45	4564	7.993	ppbv	88
14) Bromoethene	1.780	108	55723	10.335	ppbv	97
15) Acetone	1.832	43	165943	10.418	ppbv	99
16) 1,3-Butadiene	1.605	39	79976	11.187	ppbv	97
17) tert-Butyl alcohol	2.036	59	199491	10.176	ppbv	99
18) 1,1-Dichloroethene	2.029	96	70627	10.641	ppbv	97
19) Isopropyl Alcohol	1.884	45	96367	10.204	ppbv	96
20) Methylene Chloride	2.059	84	61283	9.736	ppbv	98
21) Allyl Chloride	2.094	41	122898	11.143	ppbv	97
22) trans-1,2-Dichloroethene	2.337	96	82351	10.993	ppbv	99
23) Vinyl Acetate	2.460	43	87975	11.143	ppbv	97
24) 1,1-Dichloroethane	2.405	63	161579	11.152	ppbv	99
25) Ethyl Acetate	2.832	43	505363	11.766	ppbv	100
26) Hexane	2.822	57	198387	11.679	ppbv	96
27) Carbon Disulfide	2.146	76	189804	11.291	ppbv	98
28) Methyl tert-Butyl Ether	2.437	73	116710	8.989	ppbv	99
29) Chloroform	2.845	83	299794	11.164	ppbv	96
30) Cyclohexane	3.852	84	167220	11.349	ppbv	99
31) cis-1,2-Dichloroethene	2.716	61	195851	10.950	ppbv	97
32) 1,1,1-Trichloroethane	3.363	97	284999	11.092	ppbv	99
34) 2-Butanone	2.554	43	292289	12.349	ppbv	99
35) Carbon Tetrachloride	3.758	117	284266	12.160	ppbv	99
36) Benzene	3.651	78	402965	11.805	ppbv	98
37) 1,2-Dichloroethane	3.214	62	223262	11.646	ppbv	99
38) Trichloroethene	4.544	130	159550	11.778	ppbv	98
39) 1,2-Dichloropropane	4.305	63	142297	11.884	ppbv	98
40) 1,4-Dioxane	4.580	88	66947	11.071	ppbv #	94
41) Tetrahydrofuran	3.052	42	164651	12.800	ppbv	98
42) Bromodichloromethane	4.483	83	304019	11.827	ppbv	97
43) Methyl Methacrylate	4.875	69	150330	11.855	ppbv	99
44) 2,2,4-Trimethylpentane	4.635	57	683444	12.378	ppbv	99
45) t-1,3-Dichloropropene	6.409	75	137787	11.608	ppbv	98

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 Supervised By :Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 01:27:06 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

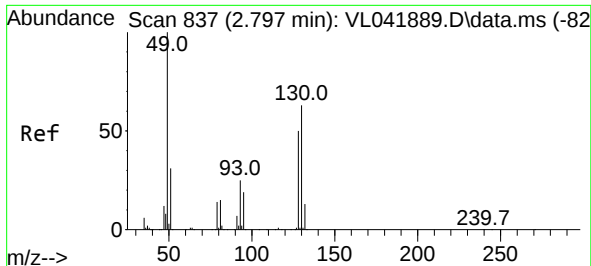
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.590	75	185097	11.877	ppbv	97
47) 1,1,2-Trichloroethane	6.570	97	156072	12.298	ppbv	98
48) Dibromochloromethane	7.380	129	243943	12.458	ppbv	98
49) Bromoform	9.477	173	203178	12.632	ppbv	99
50) 4-Methyl-2-Pentanone	5.748	43	391463	12.116	ppbv	99
51) 2-Hexanone	7.431	43	301468	12.143	ppbv #	96
52) Tetrachloroethene	8.218	164	132255	11.174	ppbv	98
53) Toluene	6.927	91	448502	12.062	ppbv	99
54) 1,2-Dibromoethane	7.645	107	208549	11.954	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.917	131	200460	12.239	ppbv	99
57) Chlorobenzene	8.917	112	360197	11.895	ppbv	96
58) Ethyl Benzene	9.351	91	615926	12.005	ppbv	98
59) m/p-Xylene	9.545	91	1001125m	24.344	ppbv	
60) o-Xylene	9.959	91	505219	12.377	ppbv	100
61) Styrene	9.865	104	228735	12.492	ppbv	99
62) Isopropylbenzene	10.535	105	750312	11.879	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.956	83	316337	12.128	ppbv	100
64) n-propylbenzene	10.985	120	192838	12.083	ppbv	99
65) tert-Butylbenzene	11.529	119	681514	11.840	ppbv	100
66) Benzyl Chloride	11.613	91	39317	11.036	ppbv	98
67) sec-Butylbenzene	11.765	105	952024	12.012	ppbv	100
69) p-Isopropyltoluene	11.924	119	779644	11.945	ppbv	99
70) n-Butylbenzene	12.277	91	763428	11.794	ppbv	99
71) 2-Chlorotoluene	10.898	91	555610	11.892	ppbv	99
72) 4-Ethyltoluene	11.121	105	598417	12.256	ppbv	100
73) 1,3,5-Trimethylbenzene	11.199	105	513748	11.915	ppbv	97
74) 1,2,4-Trimethylbenzene	11.532	105	556350	11.915	ppbv	99
75) 1,3-Dichlorobenzene	11.603	146	326166	11.788	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	316981	11.709	ppbv	99
77) 1,2-Dichlorobenzene	11.943	146	318070	11.599	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	224864	9.990	ppbv	100
79) Naphthalene	13.510	128	488219	10.384	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	140342	6.296	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	221216	9.640	ppbv	98

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



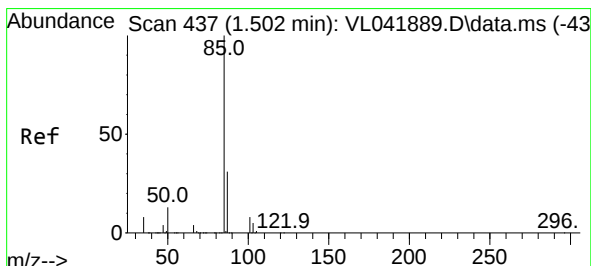
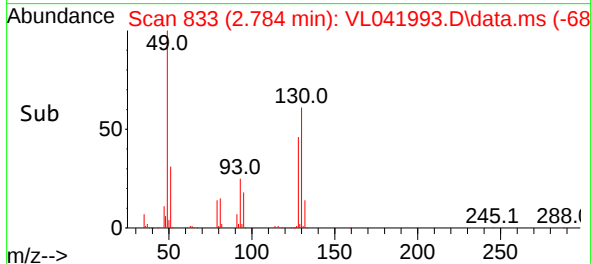
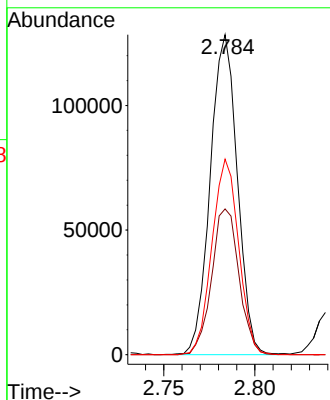
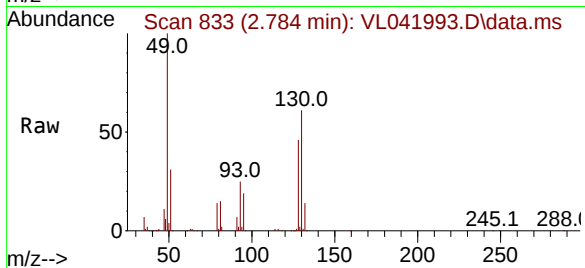
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 13261
Ion Ratio Lower Upper
49 100
128 46.0 24.3 73.0
130 60.1 31.1 93.2

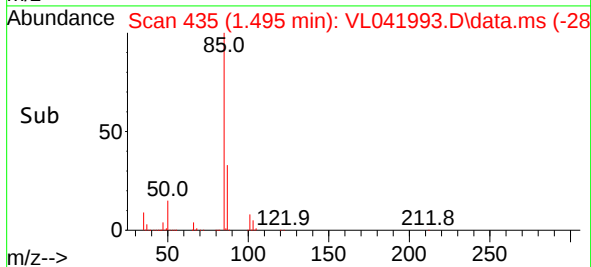
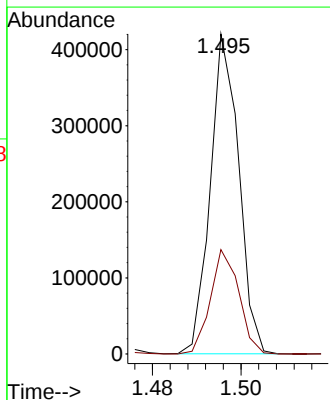
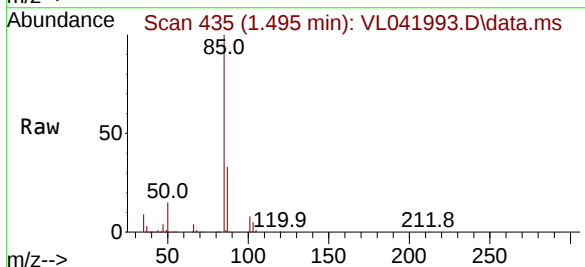
Manual Integrations
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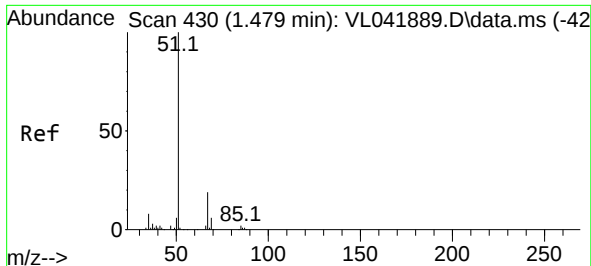
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#2
Dichlorodifluoromethane
Concen: 10.377 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.007 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Tgt Ion: 85 Resp: 187441
Ion Ratio Lower Upper
85 100
87 32.6 24.9 37.3





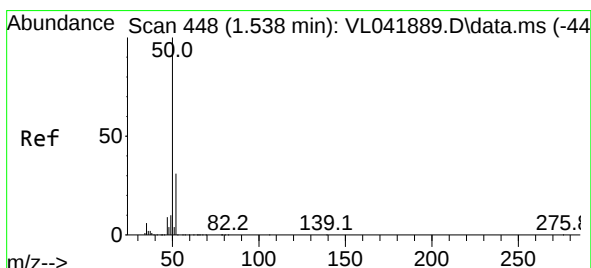
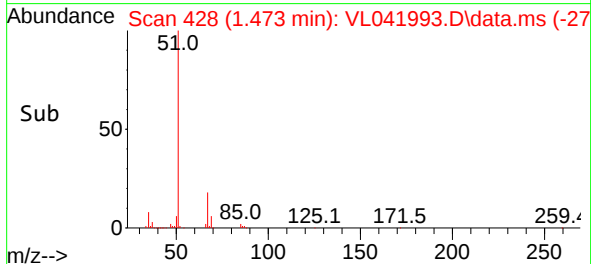
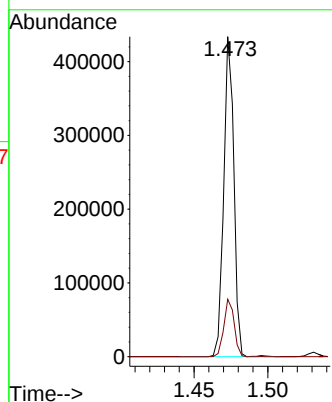
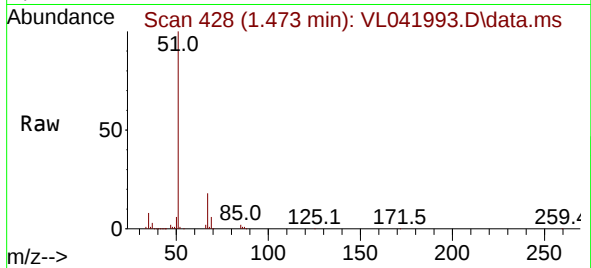
#3
Chlorodifluoromethane
Concen: 11.000 ppbv
RT: 1.473 min Scan# 430
Delta R.T. -0.007 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 20816
Ion Ratio Lower Upper
51 100
67 18.3 15.0 22.4

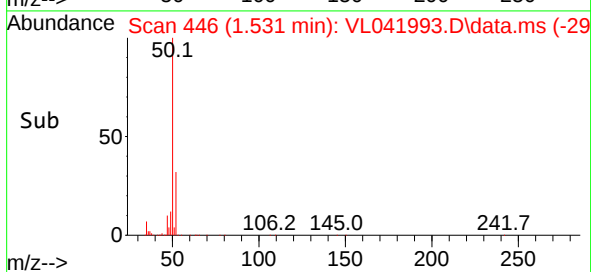
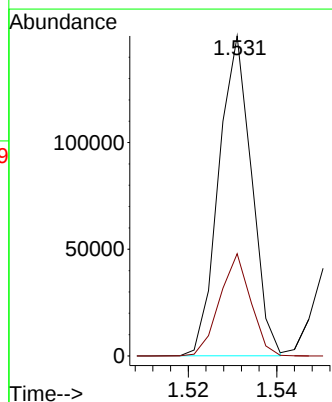
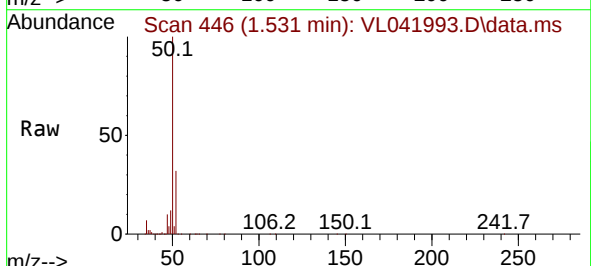
Manual Integrations
APPROVED

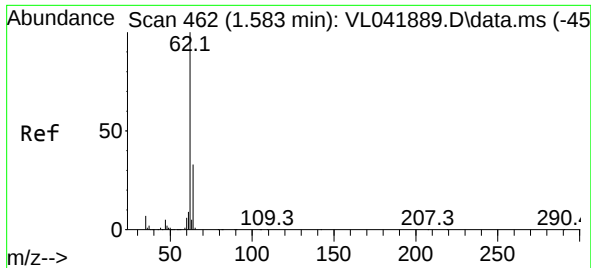
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#4
Chloromethane
Concen: 11.353 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.007 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

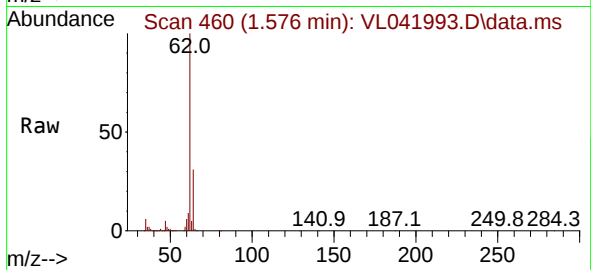
Tgt Ion: 50 Resp: 77124
Ion Ratio Lower Upper
50 100
52 31.9 24.6 36.8





#5
 Vinyl Chloride
 Concen: 10.812 ppbv
 RT: 1.576 min Scan# 40
 Delta R.T. -0.007 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52

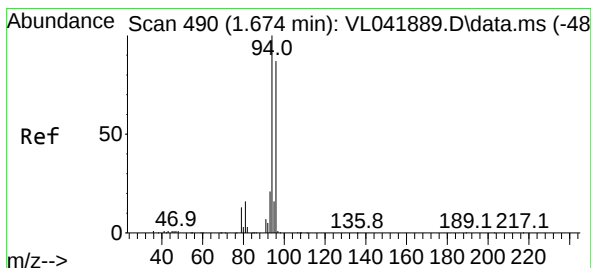
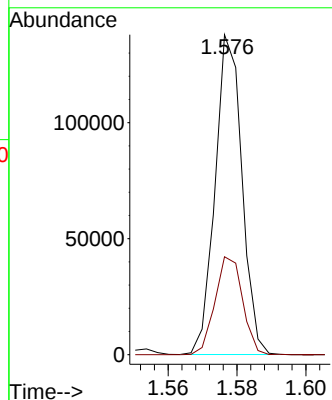
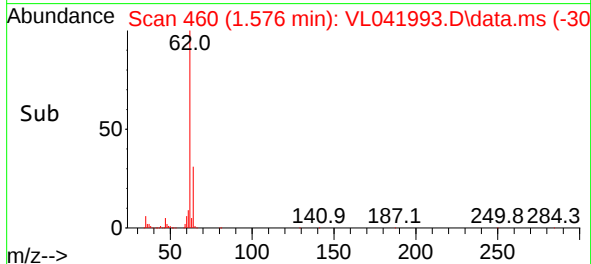
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



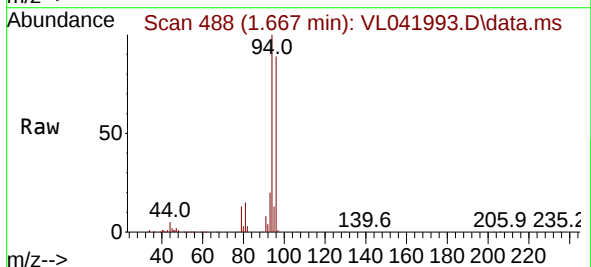
Tgt Ion: 62 Resp: 7440
 Ion Ratio Lower Upper
 62 100
 64 30.6 26.1 39.1

Manual Integrations
 APPROVED

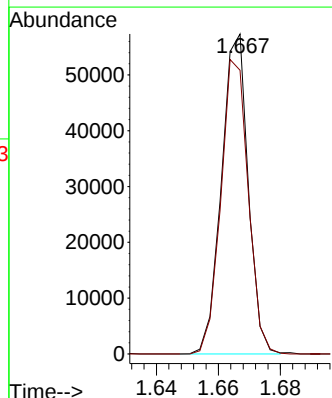
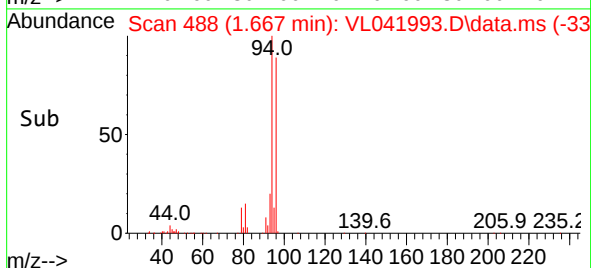
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

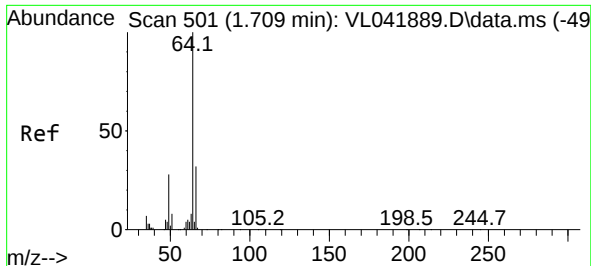


#6
 Bromomethane
 Concen: 10.469 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.007 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52



Tgt Ion: 94 Resp: 34334
 Ion Ratio Lower Upper
 94 100
 96 88.6 69.5 104.3





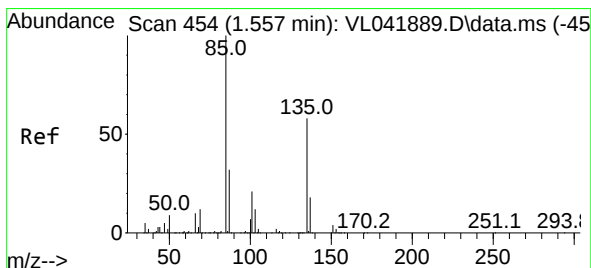
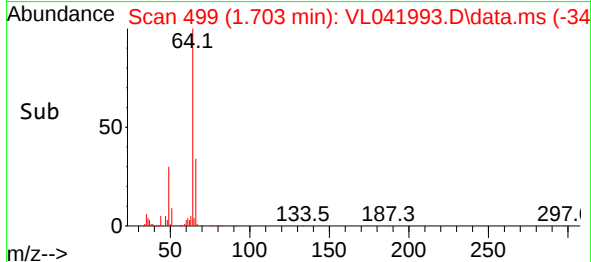
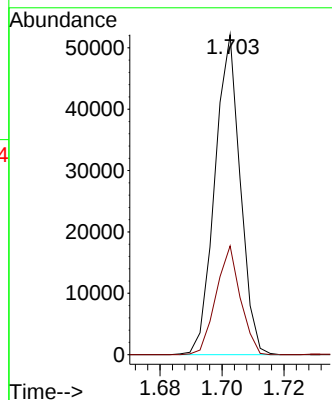
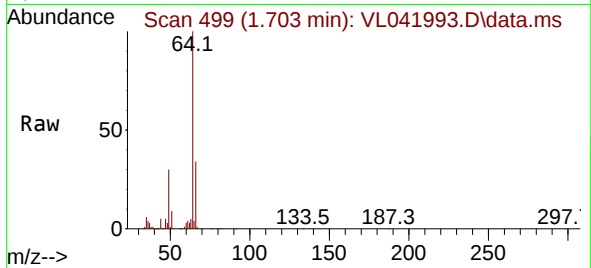
#7
Chloroethane
Concen: 11.074 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.007 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 29648
Ion Ratio Lower Upper
64 100
66 34.0 25.7 38.5

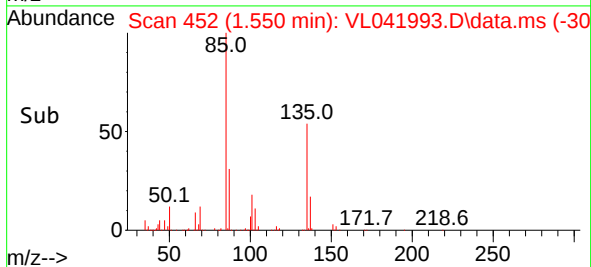
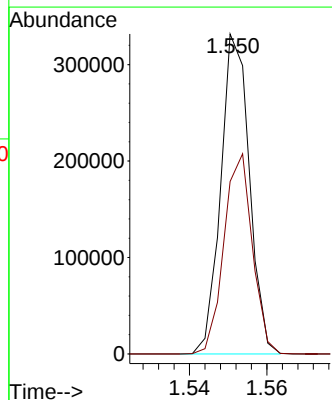
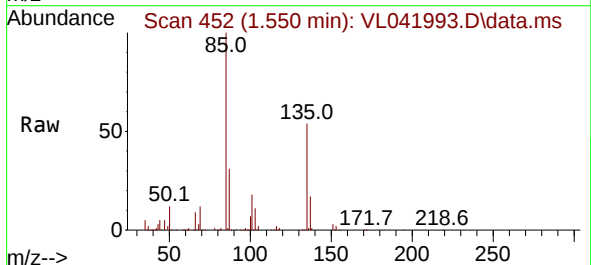
Manual Integrations
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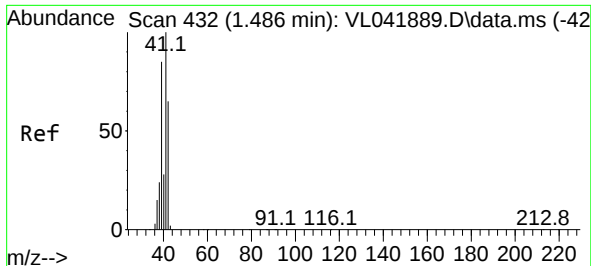
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#8
Dichlorotetrafluoroethane
Concen: 10.789 ppbv
RT: 1.550 min Scan# 452
Delta R.T. -0.007 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

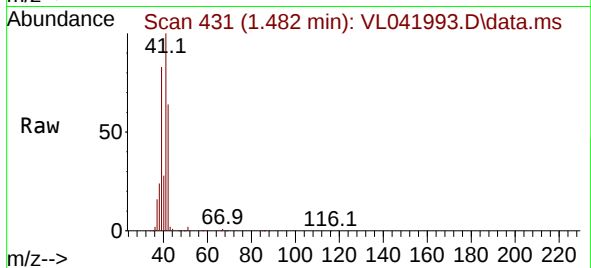
Tgt Ion: 85 Resp: 170316
Ion Ratio Lower Upper
85 100
135 62.1 50.0 75.0





#9
 Propene
 Concen: 10.912 ppbv
 RT: 1.482 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52

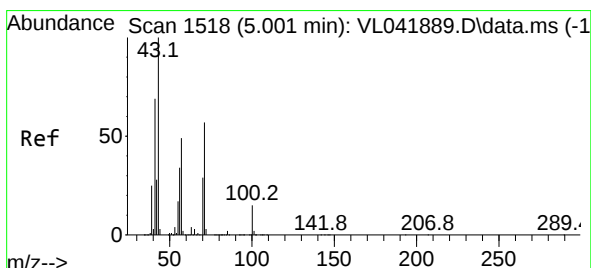
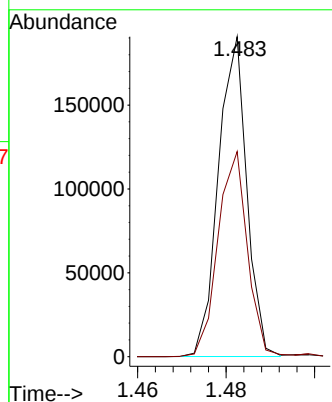
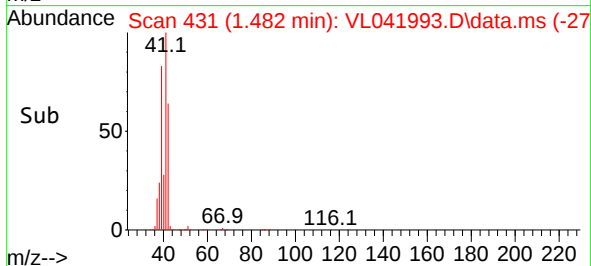
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



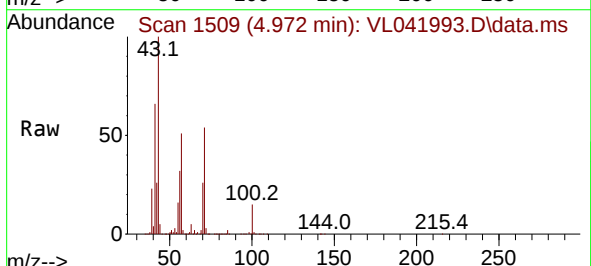
Tgt Ion: 41 Resp: 85059
 Ion Ratio Lower Upper
 41 100
 42 67.2 52.0 78.0

Manual Integrations
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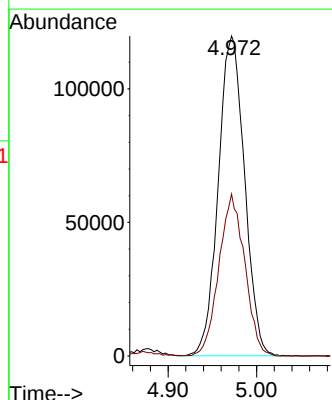
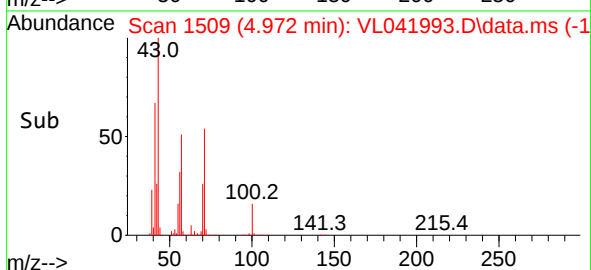
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

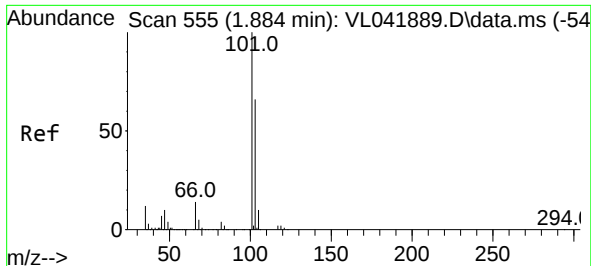


#10
 Heptane
 Concen: 11.862 ppbv
 RT: 4.972 min Scan# 1509
 Delta R.T. -0.029 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52



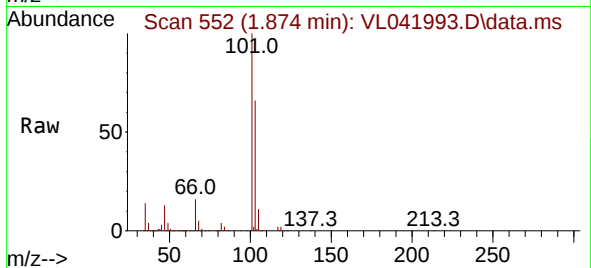
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 Ion Ratio Lower Upper
 43 100
 57 49.8 41.0 61.4





#11
Trichlorofluoromethane
Concen: 10.681 ppbv
RT: 1.874 min Scan# 511
Delta R.T. -0.010 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

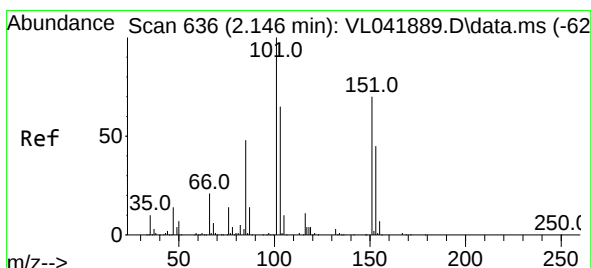
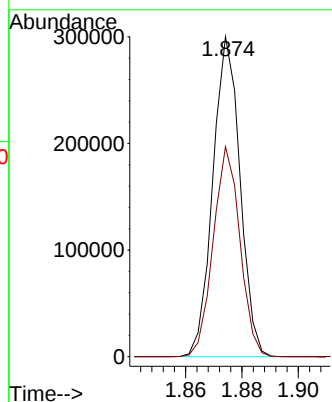
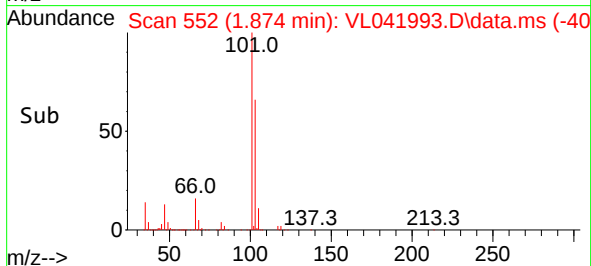
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 20070
Ion Ratio Lower Upper
101 100
103 65.7 53.1 79.7

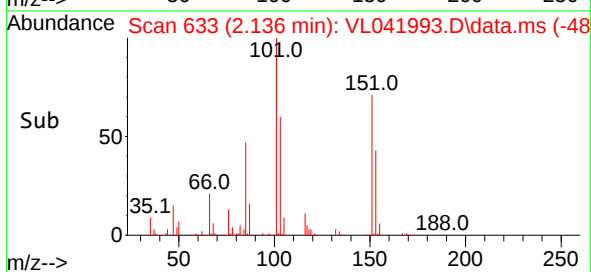
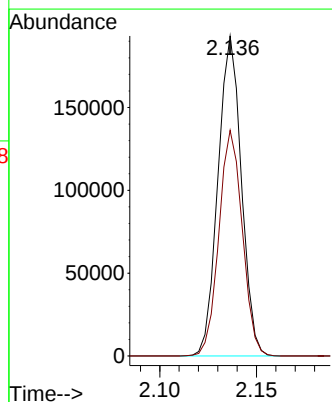
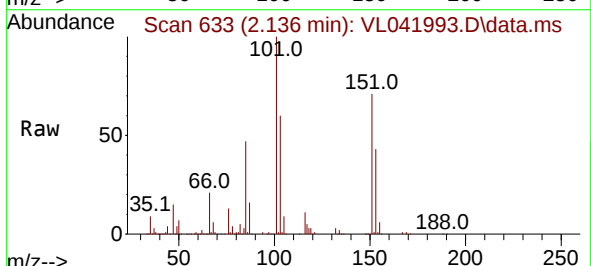
Manual Integrations
APPROVED

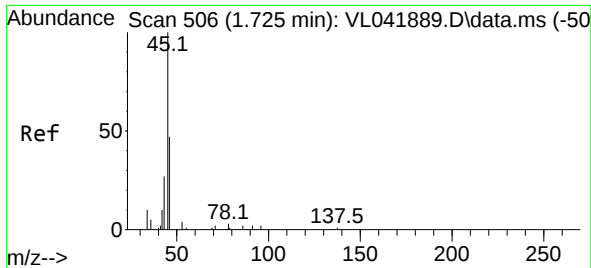
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.017 ppbv
RT: 2.136 min Scan# 633
Delta R.T. -0.010 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Tgt Ion:101 Resp: 162249
Ion Ratio Lower Upper
101 100
151 70.7 56.1 84.1





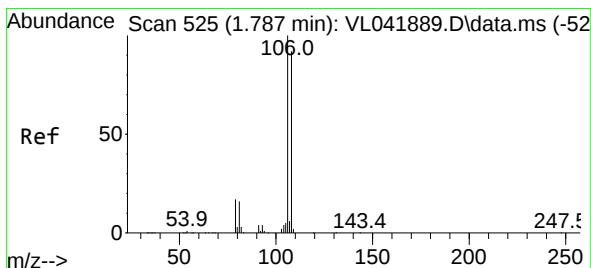
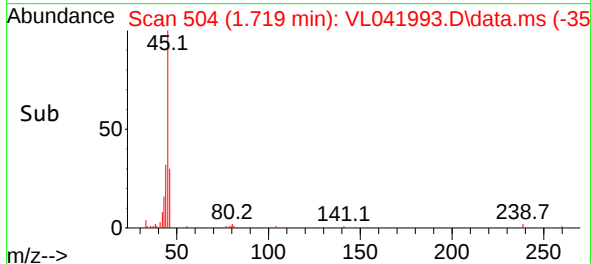
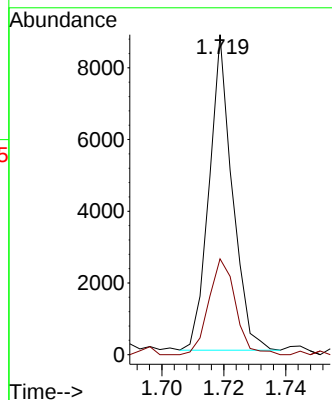
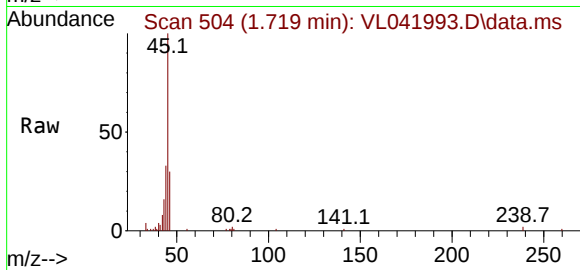
#13
Ethanol
Concen: 7.993 ppbv
RT: 1.719 min Scan# 506
Delta R.T. -0.007 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 4564
Ion Ratio Lower Upper
45 100
46 37.3 18.1 72.5

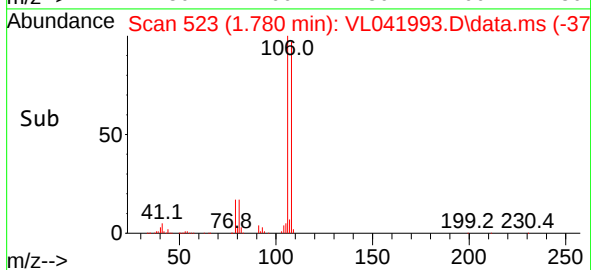
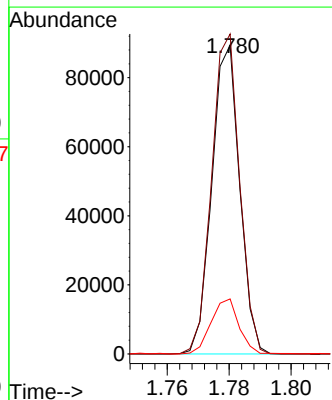
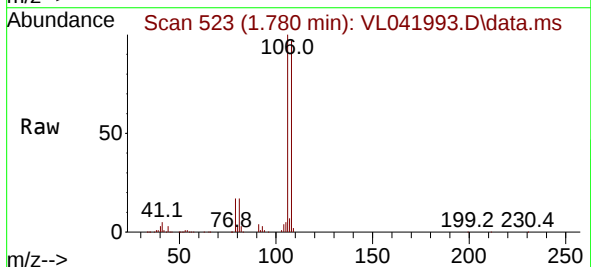
Manual Integrations
APPROVED

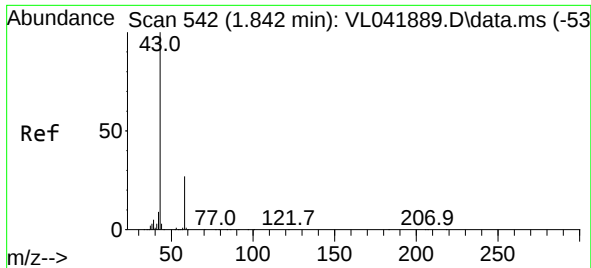
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#14
Bromoethene
Concen: 10.335 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.007 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

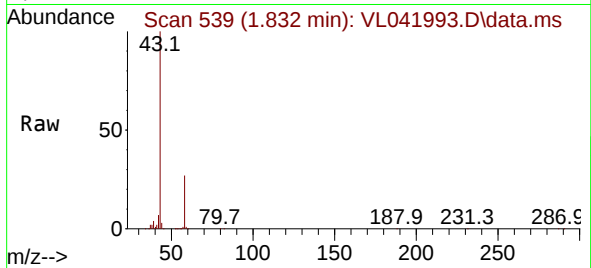
Tgt Ion:108 Resp: 55723
Ion Ratio Lower Upper
108 100
106 104.1 85.5 128.3
79 18.4 15.3 22.9





#15
Acetone
Concen: 10.418 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

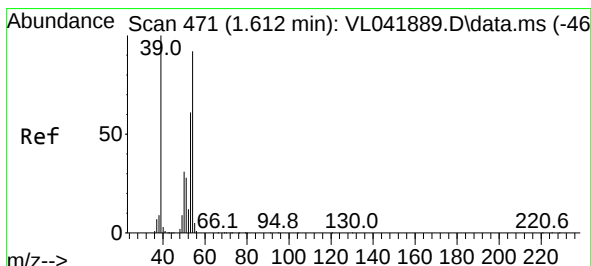
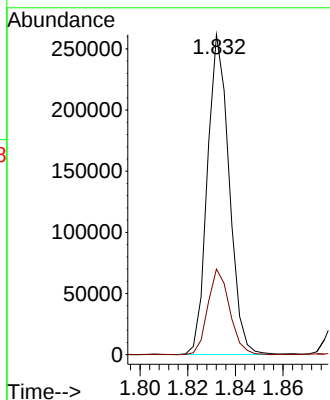
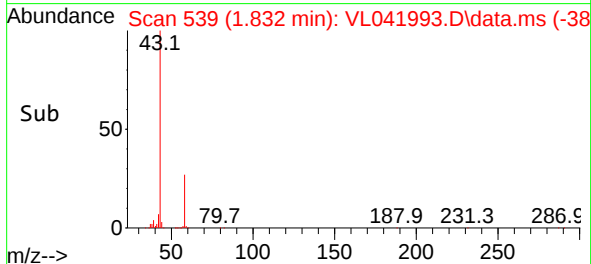
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



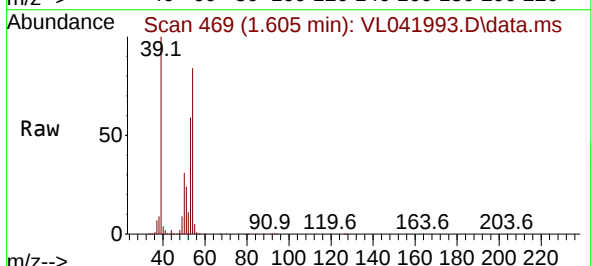
Tgt Ion: 43 Resp: 16594
Ion Ratio Lower Upper
43 100
58 26.9 21.9 32.9

Manual Integrations
APPROVED

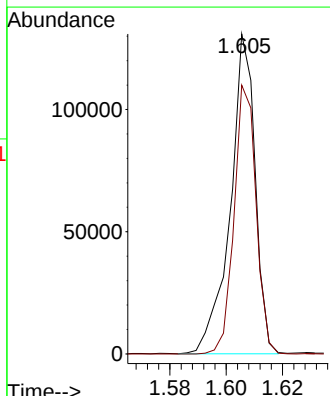
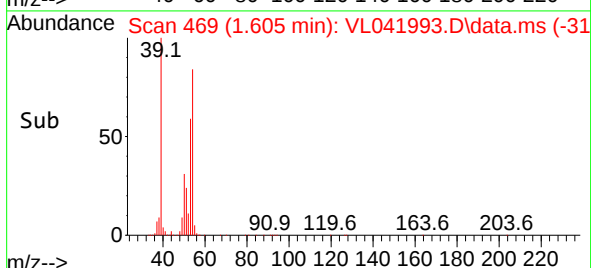
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

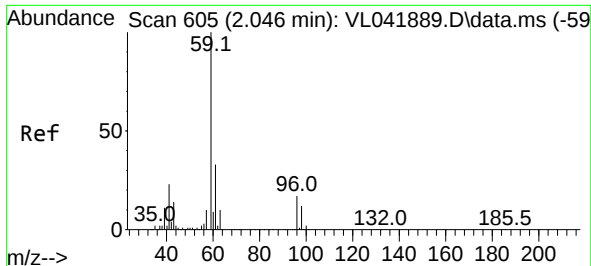


#16
1,3-Butadiene
Concen: 11.187 ppbv
RT: 1.605 min Scan# 469
Delta R.T. -0.007 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52



Tgt Ion: 39 Resp: 79976
Ion Ratio Lower Upper
39 100
54 74.5 61.6 92.4





#17

tert-Butyl alcohol

Concen: 10.176 ppbv

RT: 2.036 min Scan# 600

Delta R.T. -0.010 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 19949

Ion Ratio Lower Upper

59 100

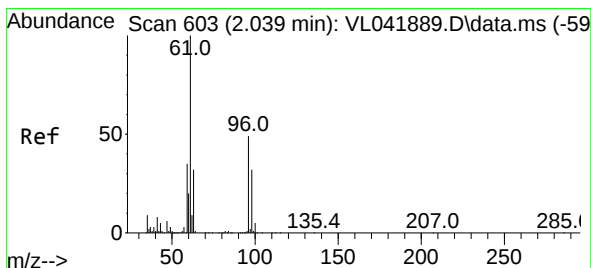
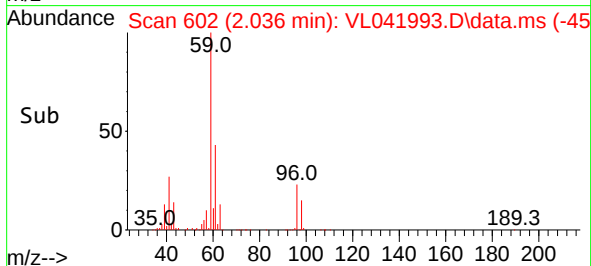
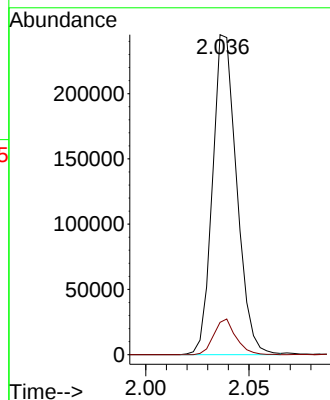
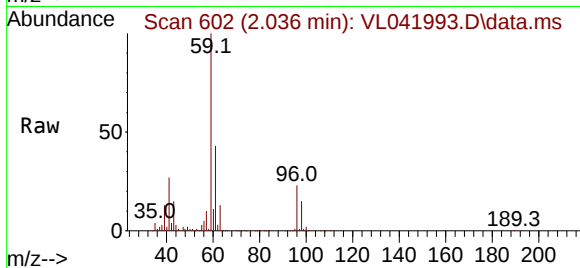
57 10.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#18

1,1-Dichloroethene

Concen: 10.641 ppbv

RT: 2.029 min Scan# 600

Delta R.T. -0.010 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

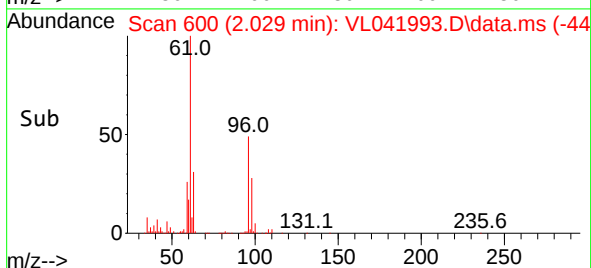
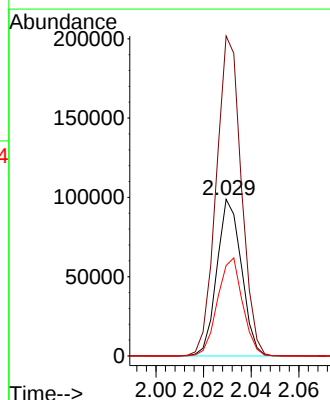
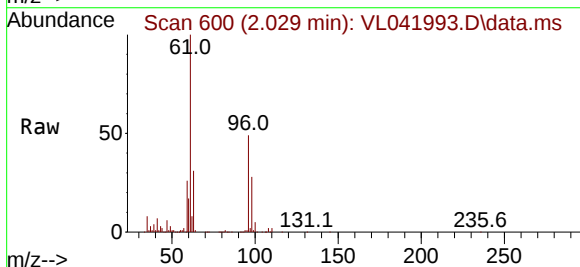
Tgt Ion: 96 Resp: 70627

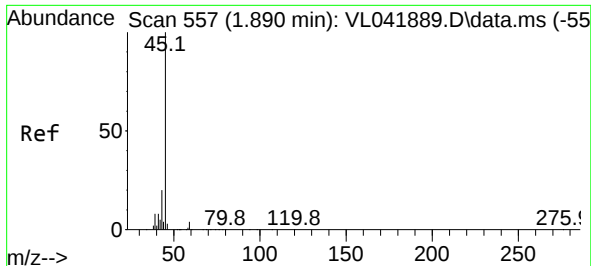
Ion Ratio Lower Upper

96 100

61 204.4 163.1 244.7

98 57.7 52.7 79.1





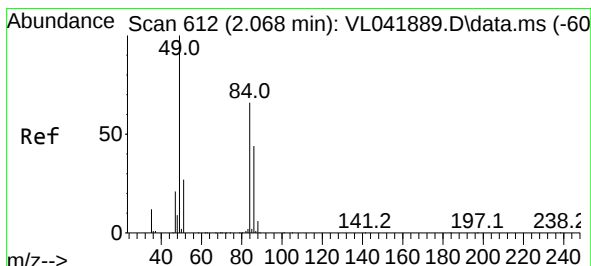
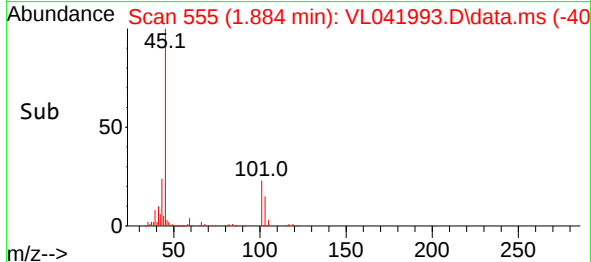
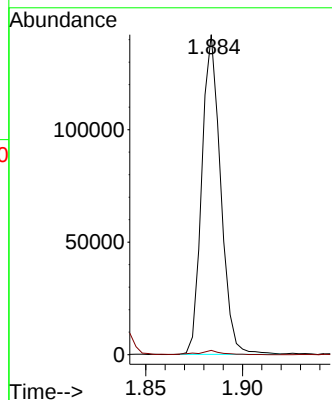
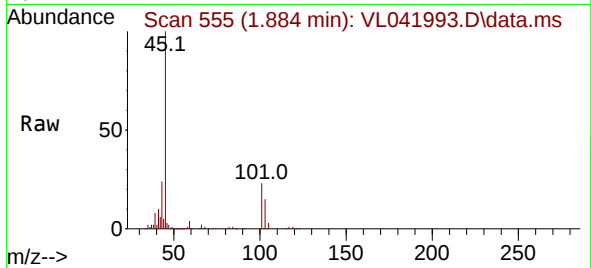
#19
Isopropyl Alcohol
Concen: 10.204 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 9636
Ion Ratio Lower Upper
45 100
58 46.3 35.0 52.6

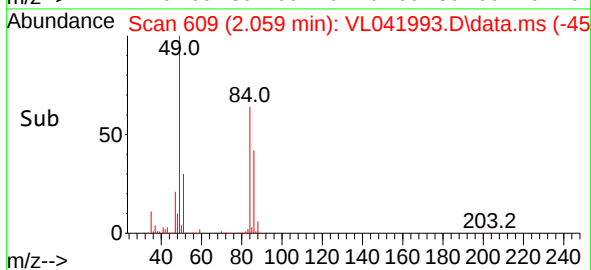
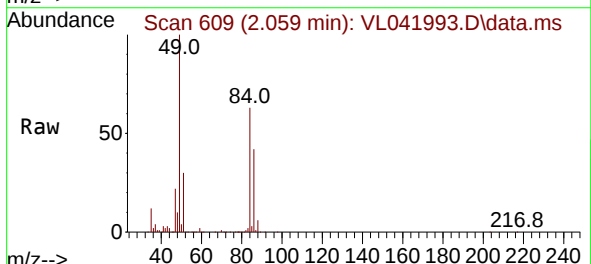
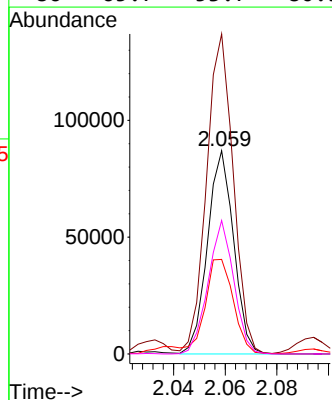
Manual Integrations
APPROVED

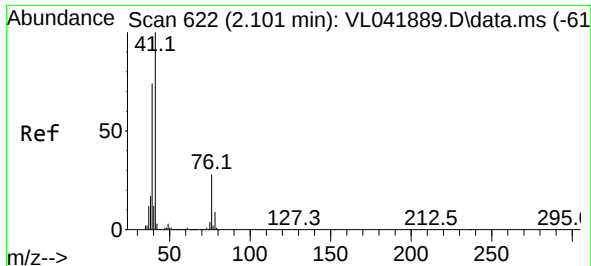
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#20
Methylene Chloride
Concen: 9.736 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.010 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

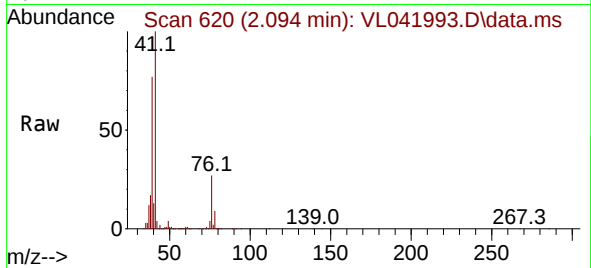
Tgt Ion: 84 Resp: 61283
Ion Ratio Lower Upper
84 100
49 156.6 123.1 184.7
51 46.3 35.8 53.8
86 65.7 53.7 80.5





#21
 Allyl Chloride
 Concen: 11.143 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52

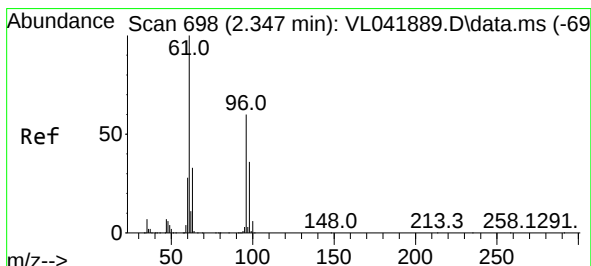
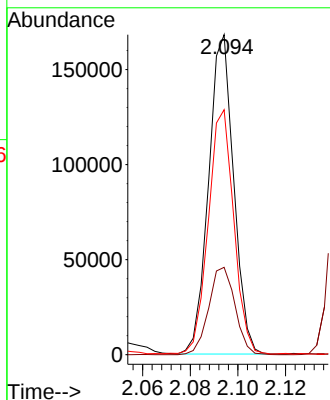
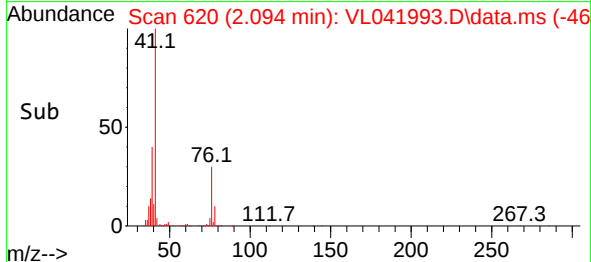
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 122898
 Ion Ratio Lower Upper
 41 100
 76 28.7 24.2 36.4
 39 78.3 60.6 91.0

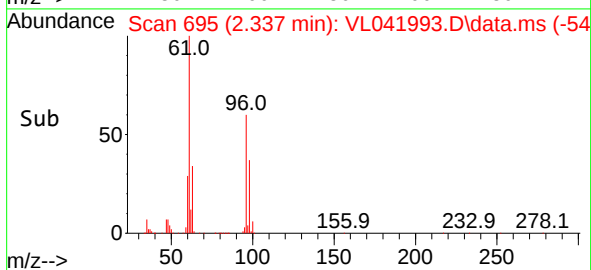
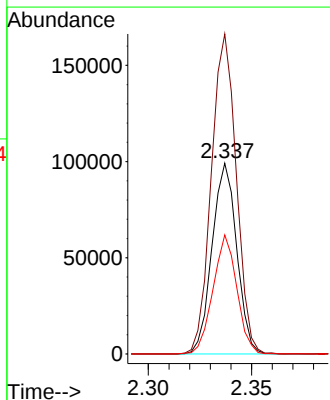
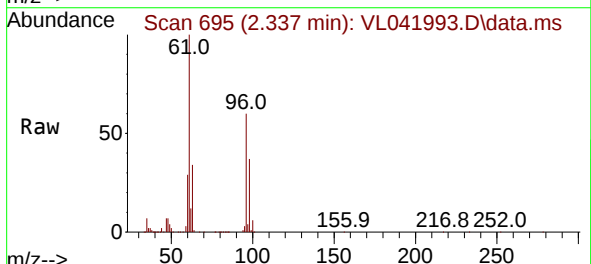
Manual Integrations
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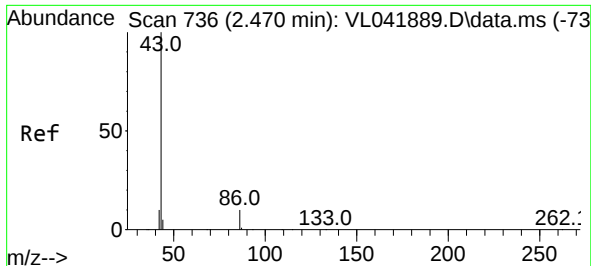
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#22
 trans-1,2-Dichloroethene
 Concen: 10.993 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.010 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52

Tgt Ion: 96 Resp: 82351
 Ion Ratio Lower Upper
 96 100
 61 167.8 134.5 201.7
 98 62.3 48.9 73.3





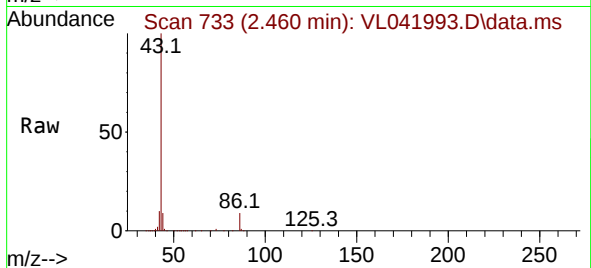
#23
 Vinyl Acetate
 Concen: 11.143 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. -0.010 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

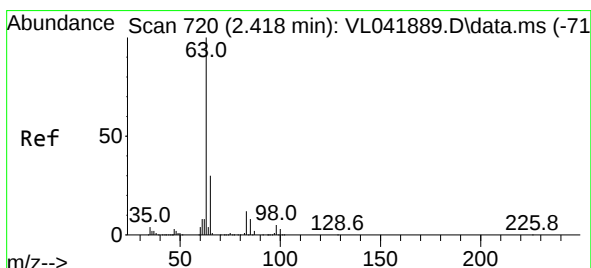
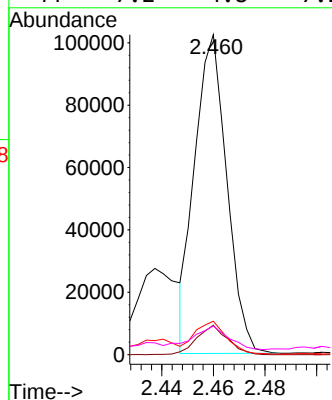
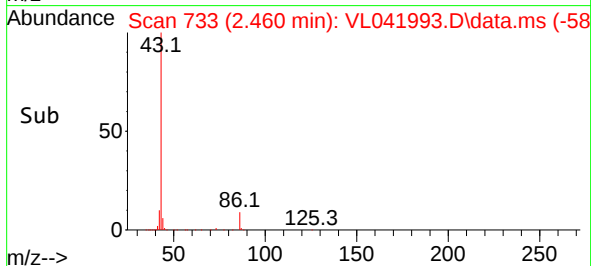


Tgt Ion: 43	Resp: 87979
Ion Ratio	Lower Upper
43 100	
86 9.3	6.2 9.4
42 10.2	8.5 12.7
44 7.2	4.8 7.2

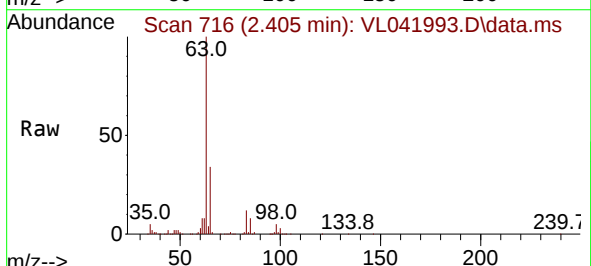
Manual Integrations

APPROVED

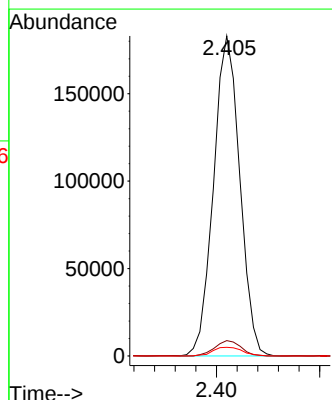
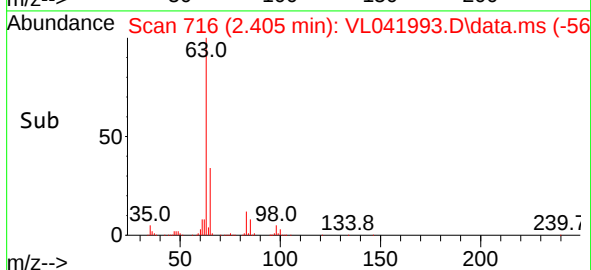
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

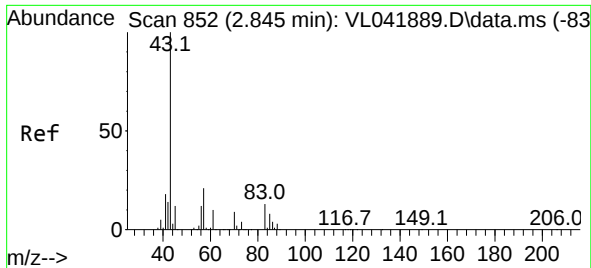


#24
 1,1-Dichloroethane
 Concen: 11.152 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.013 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52



Tgt Ion: 63	Resp: 161579
Ion Ratio	Lower Upper
63 100	
98 4.8	2.6 7.8
100 2.7	1.4 4.2





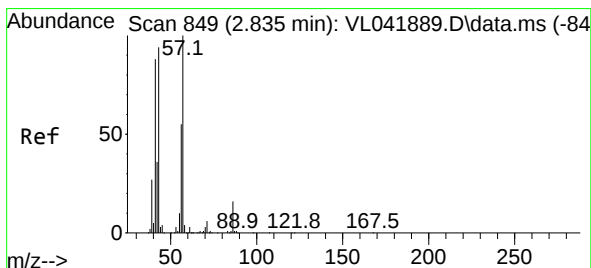
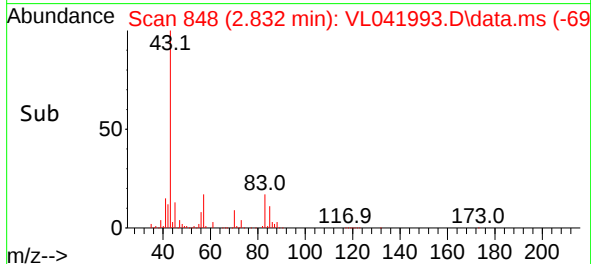
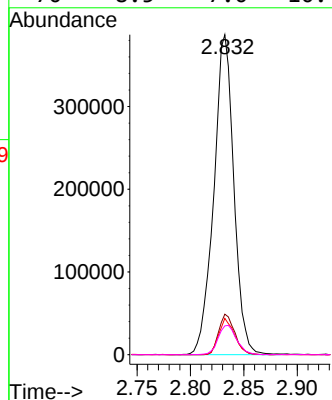
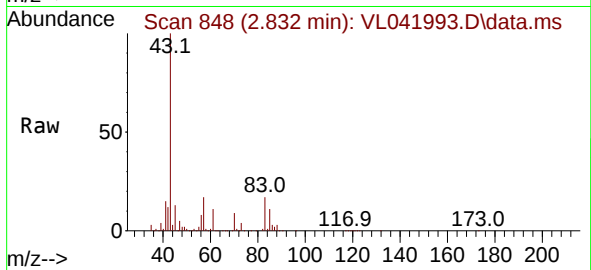
#25
Ethyl Acetate
Concen: 11.766 ppbv
RT: 2.832 min Scan# 845
Delta R.T. -0.013 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 50536
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.2
61 9.0 7.4 11.0
70 8.5 7.0 10.4

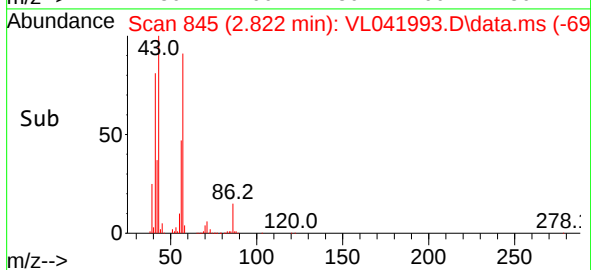
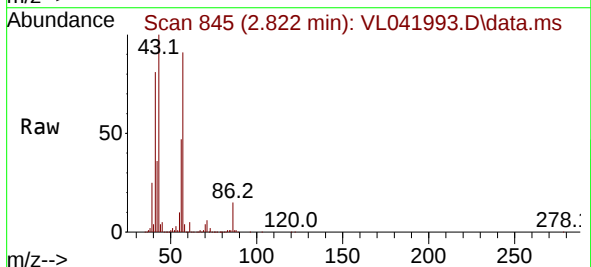
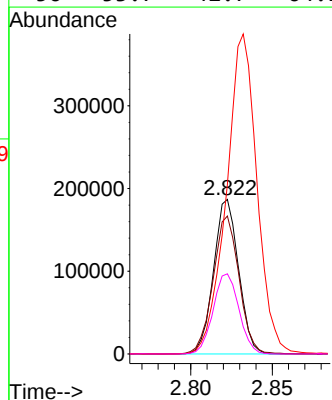
Manual Integrations
APPROVED

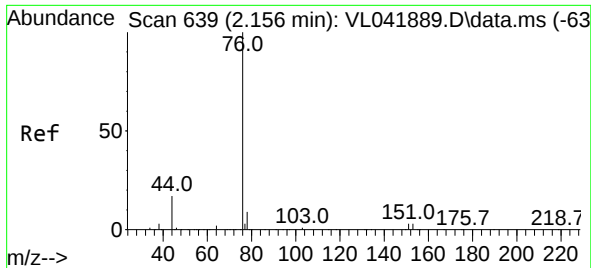
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#26
Hexane
Concen: 11.679 ppbv
RT: 2.822 min Scan# 845
Delta R.T. -0.013 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

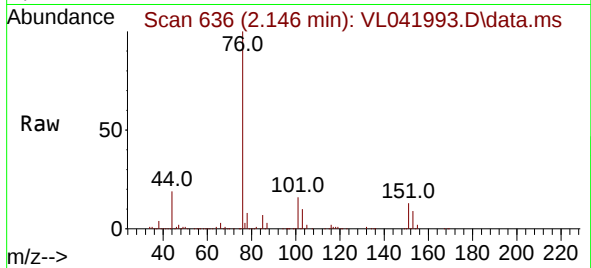
Tgt Ion: 57 Resp: 198387
Ion Ratio Lower Upper
57 100
41 93.4 73.8 110.8
43 255.4 197.3 295.9
56 53.7 42.7 64.1





#27
Carbon Disulfide
Concen: 11.291 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

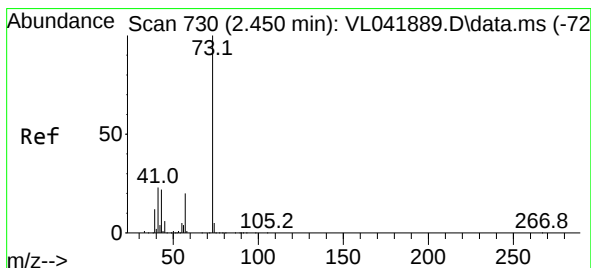
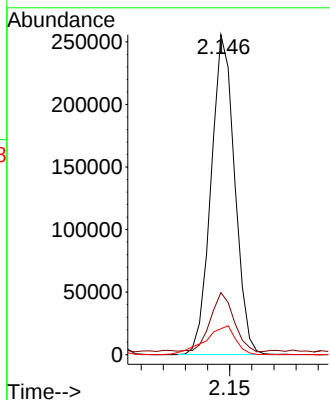
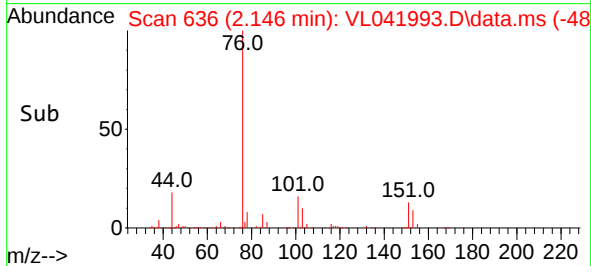
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 189804
Ion Ratio Lower Upper
76 100
44 18.0 15.4 23.0
78 11.6 9.3 13.9

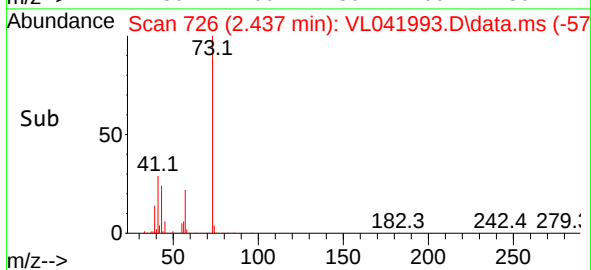
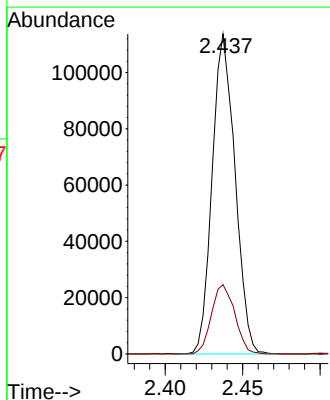
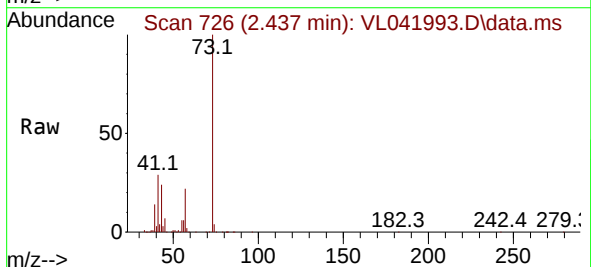
Manual Integrations
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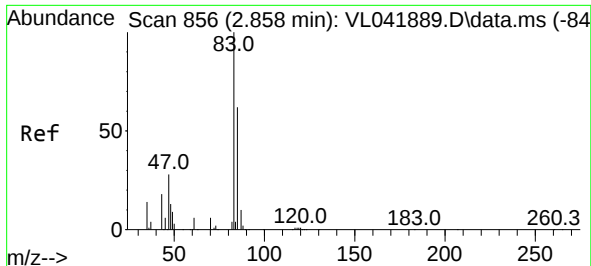
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#28
Methyl tert-Butyl Ether
Concen: 8.989 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.013 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Tgt Ion: 73 Resp: 116710
Ion Ratio Lower Upper
73 100
57 22.1 18.1 27.1





#29

Chloroform

Concen: 11.164 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 299794

Ion Ratio Lower Upper

83 100

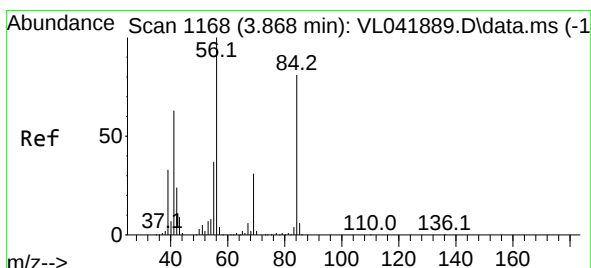
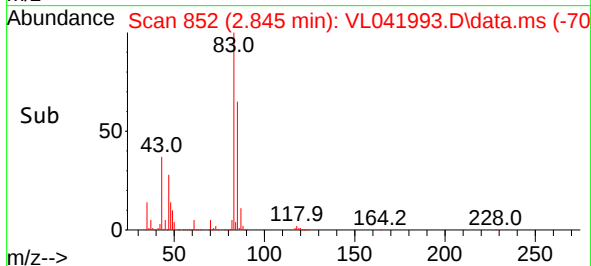
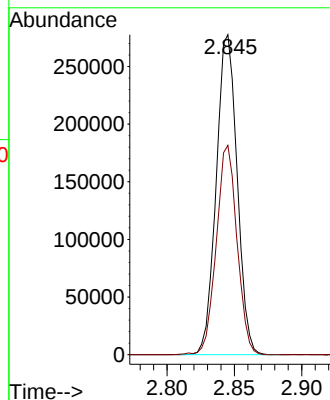
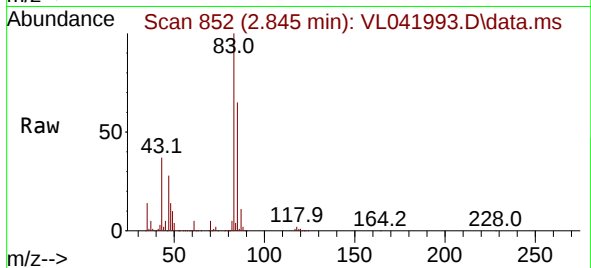
85 65.4 50.1 75.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#30

Cyclohexane

Concen: 11.349 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.016 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

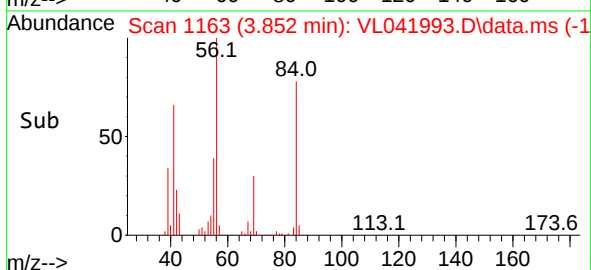
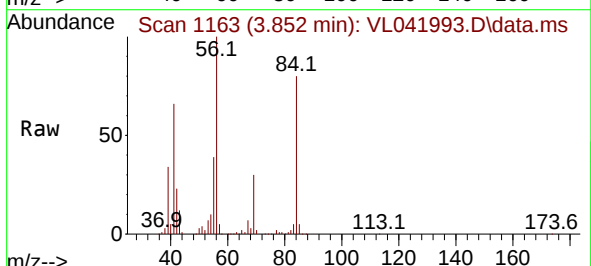
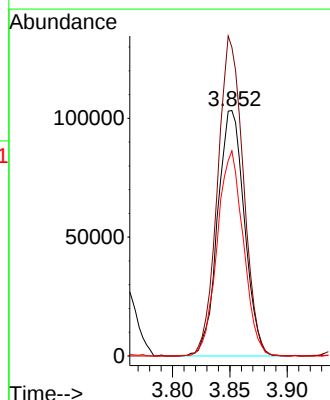
Tgt Ion: 84 Resp: 167220

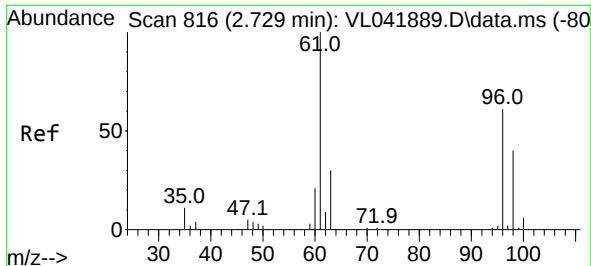
Ion Ratio Lower Upper

84 100

56 125.3 99.3 148.9

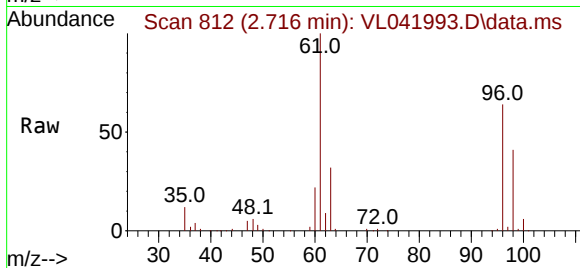
41 81.9 64.3 96.5





#31
 cis-1,2-Dichloroethene
 Concen: 10.950 ppbv
 RT: 2.716 min Scan# 816
 Delta R.T. -0.013 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52

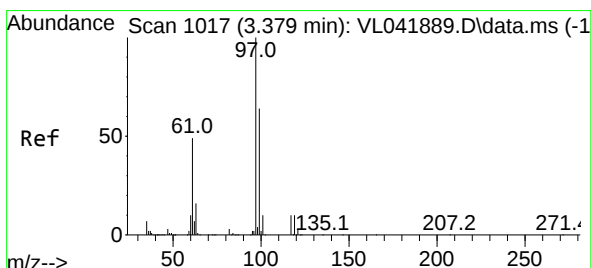
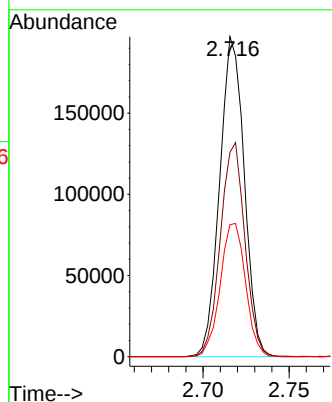
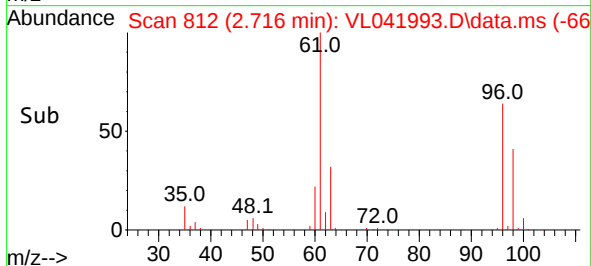
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



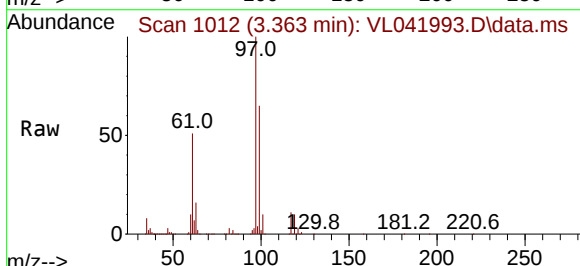
Tgt Ion: 61 Resp: 19585
 Ion Ratio Lower Upper
 61 100
 96 63.9 48.7 73.1
 98 41.3 31.6 47.4

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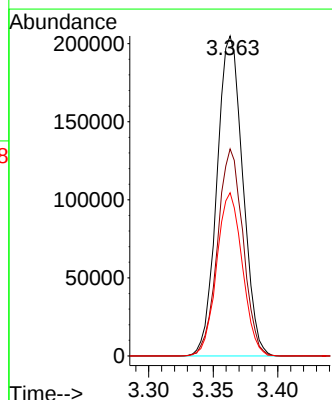
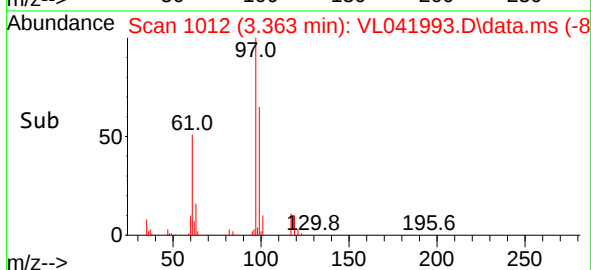
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

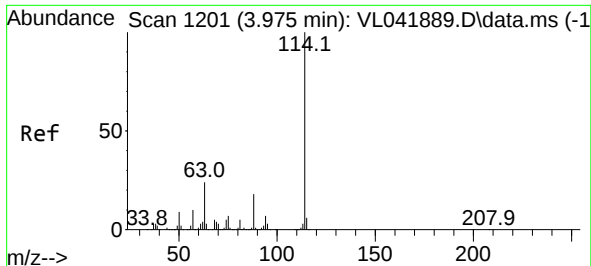


#32
 1,1,1-Trichloroethane
 Concen: 11.092 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.016 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52



Tgt Ion: 97 Resp: 284999
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.1 76.7
 61 50.8 39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.023 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 372174

Ion Ratio Lower Upper

114 100

63 24.5 19.8 29.6

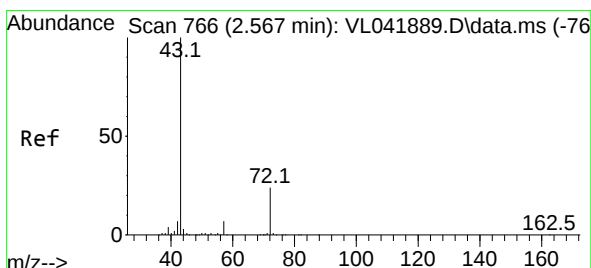
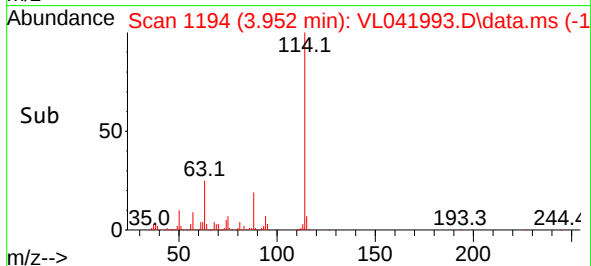
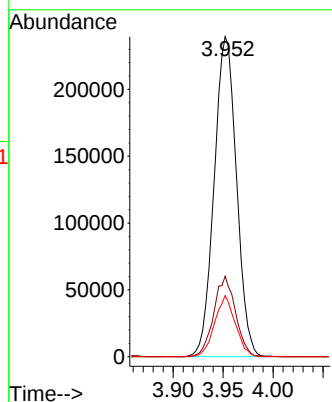
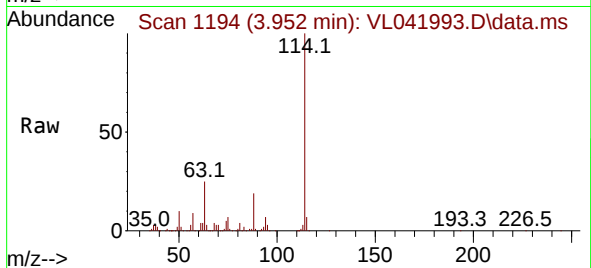
88 17.6 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#34

2-Butanone

Concen: 12.349 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.013 min

Lab File: VL041993.D

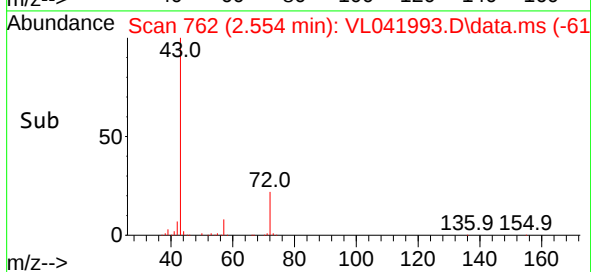
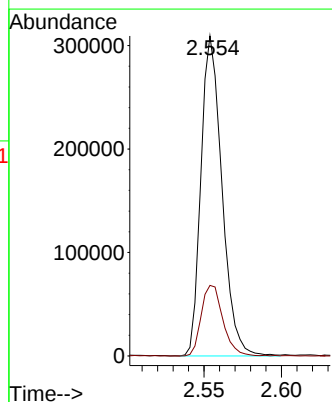
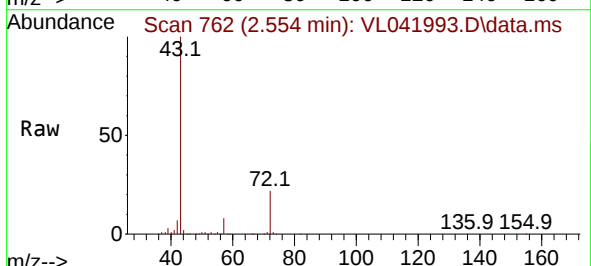
Acq: 10 Feb 2025 17:52

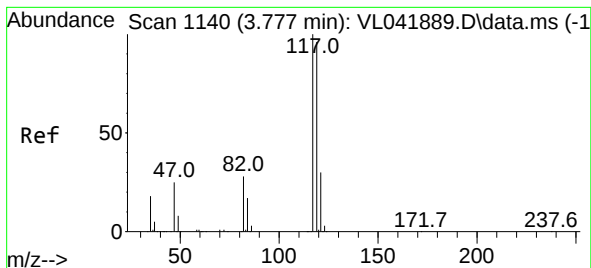
Tgt Ion: 43 Resp: 292289

Ion Ratio Lower Upper

43 100

72 22.8 18.6 28.0





#35

Carbon Tetrachloride

Concen: 12.160 ppbv

RT: 3.758 min Scan# 1110

Delta R.T. -0.019 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDC0010EC

Tgt Ion:117 Resp: 284260

Ion Ratio Lower Upper

117 100

119 95.5 76.9 115.3

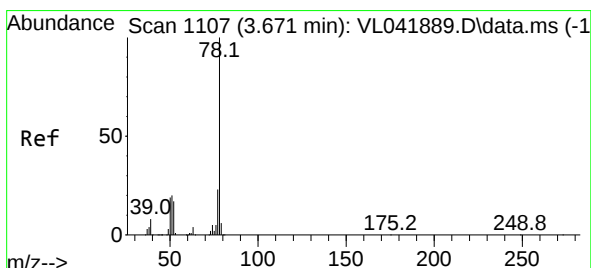
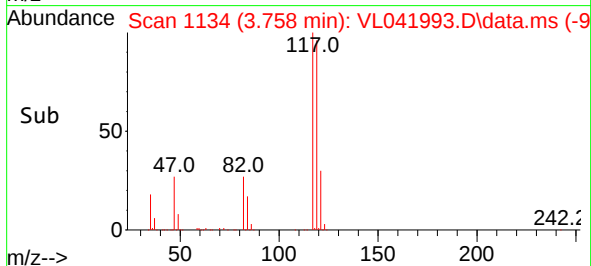
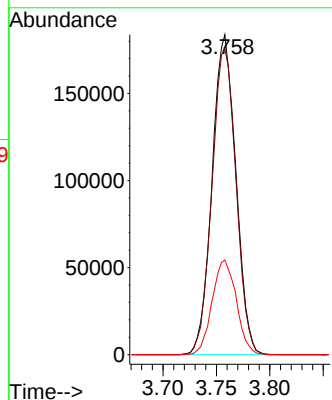
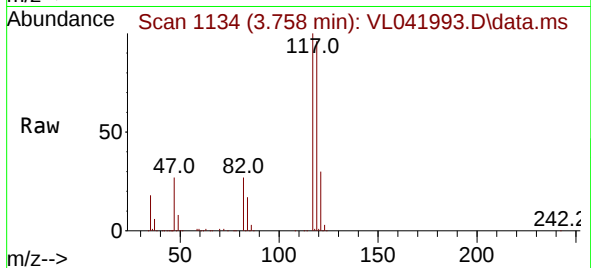
121 29.6 23.8 35.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#36

Benzene

Concen: 11.805 ppbv

RT: 3.651 min Scan# 1101

Delta R.T. -0.019 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

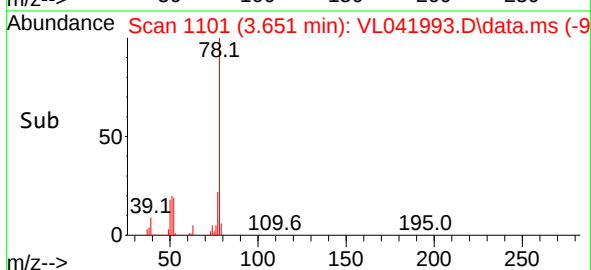
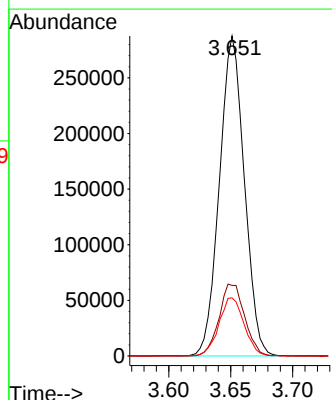
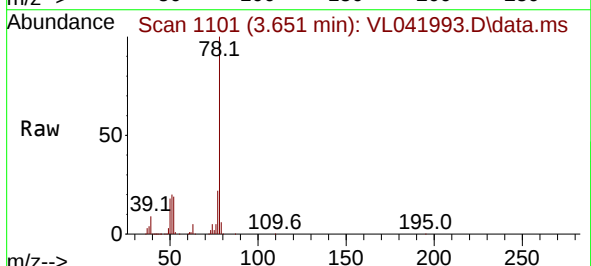
Tgt Ion: 78 Resp: 402965

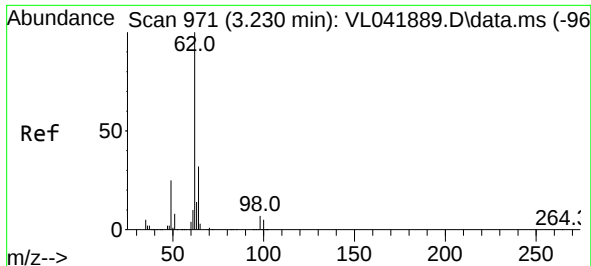
Ion Ratio Lower Upper

78 100

77 22.0 18.1 27.1

50 18.1 15.2 22.8





#37

1,2-Dichloroethane

Concen: 11.646 ppbv

RT: 3.214 min Scan# 9

Delta R.T. -0.016 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 22326

Ion Ratio Lower Upper

62 100

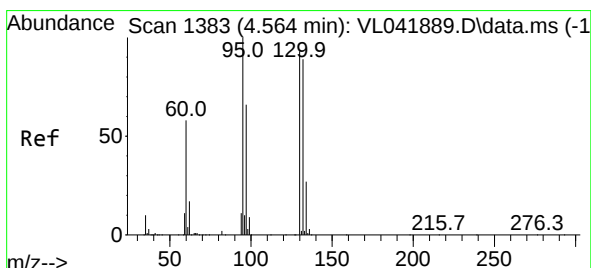
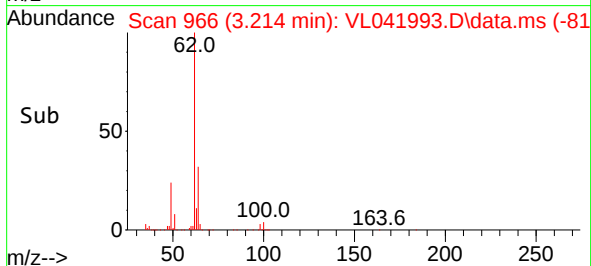
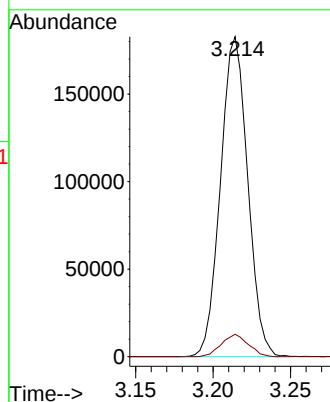
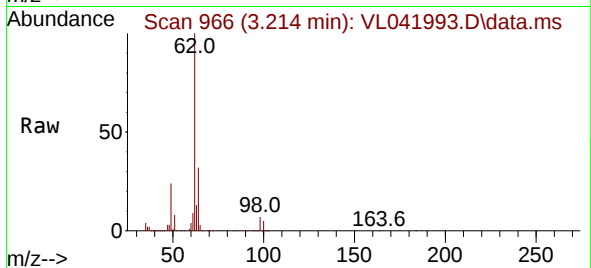
98 6.9 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#38

Trichloroethene

Concen: 11.778 ppbv

RT: 4.544 min Scan# 1377

Delta R.T. -0.019 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

Tgt Ion:130 Resp: 159550

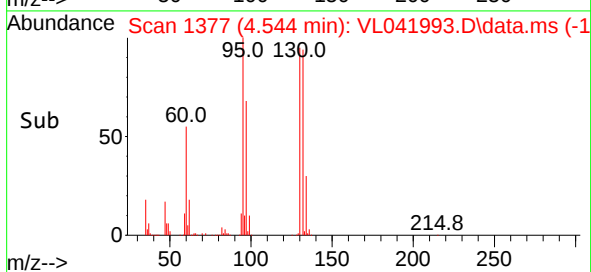
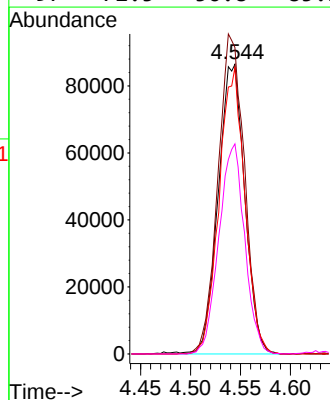
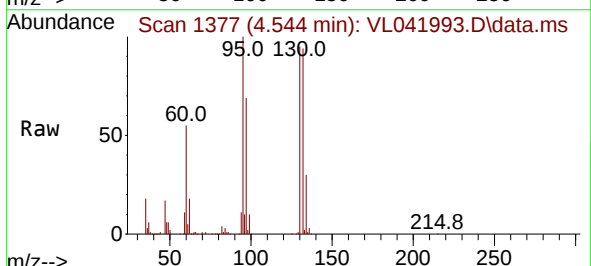
Ion Ratio Lower Upper

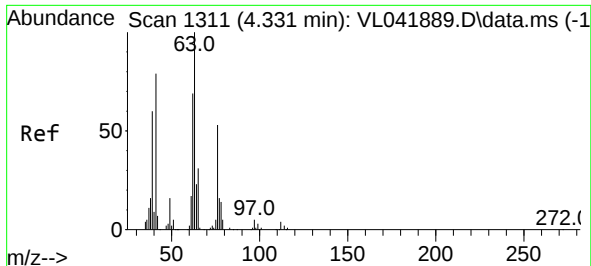
130 100

95 105.7 85.8 128.8

132 98.9 76.5 114.7

97 72.5 56.8 85.2





#39

1,2-Dichloropropane

Concen: 11.884 ppbv

RT: 4.305 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

Instrument :

MSVOA_L

ClientSampleId :

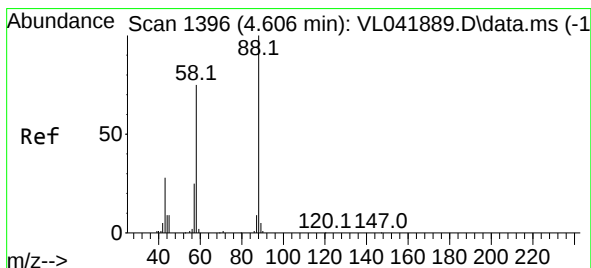
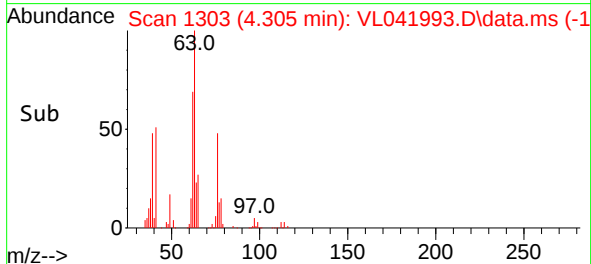
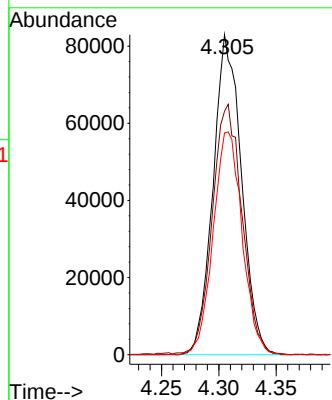
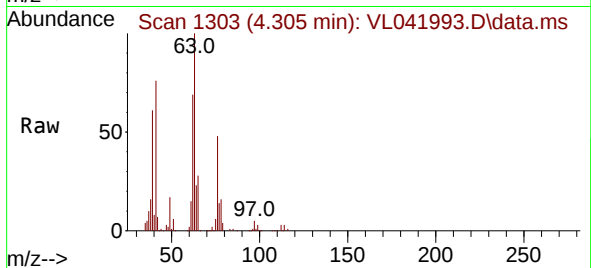
VSTDCCC010EC

Tgt Ion:	63	Resp:	14229
Ion	Ratio	Lower	Upper
63	100		
41	75.7	63.7	95.5
62	69.3	55.4	83.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#40

1,4-Dioxane

Concen: 11.071 ppbv

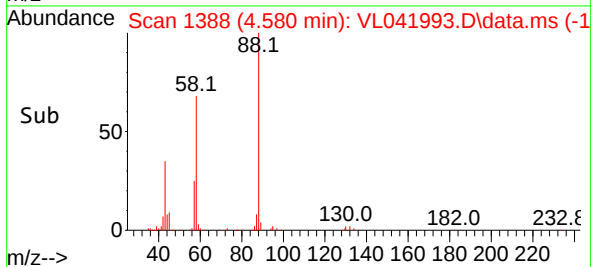
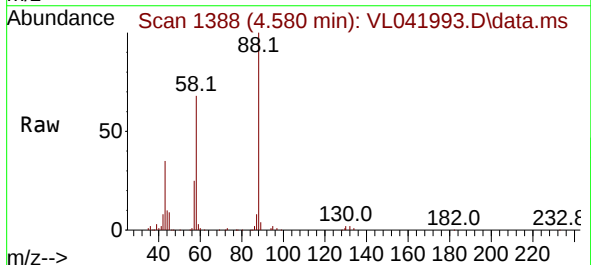
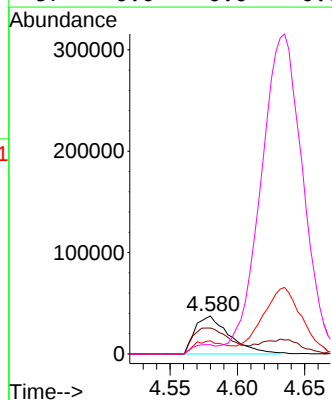
RT: 4.580 min Scan# 1388

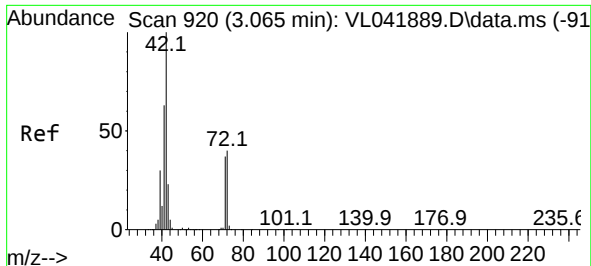
Delta R.T. -0.026 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

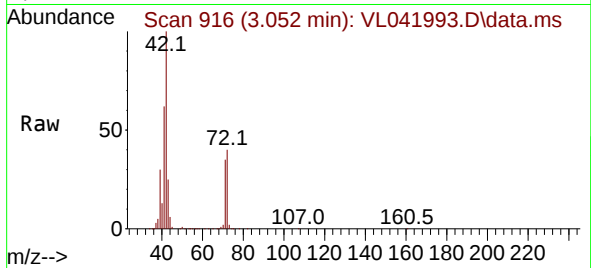
Tgt Ion:	88	Resp:	66947
Ion	Ratio	Lower	Upper
88	100		
58	72.1	62.1	93.1
43	31.4	0.0	0.0#
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 12.800 ppbv
RT: 3.052 min Scan# 916
Delta R.T. -0.013 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

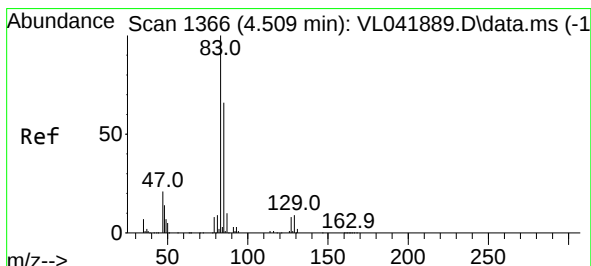
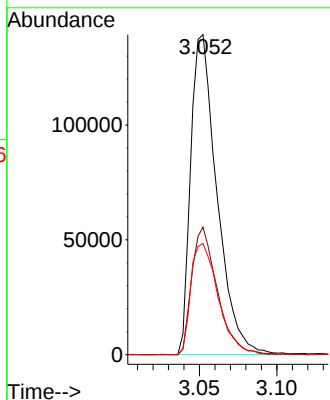
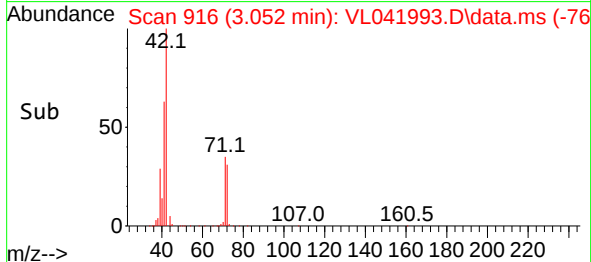
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 16465
Ion Ratio Lower Upper
42 100
72 39.0 32.3 48.5
71 36.4 29.9 44.9

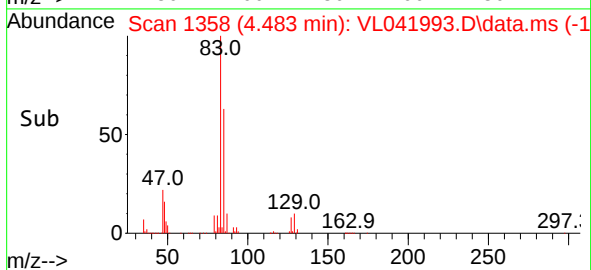
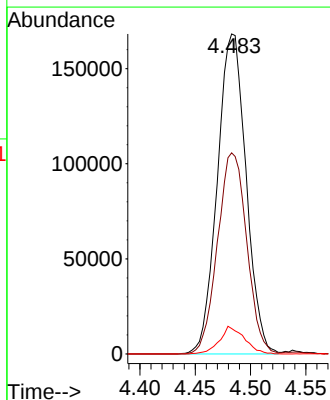
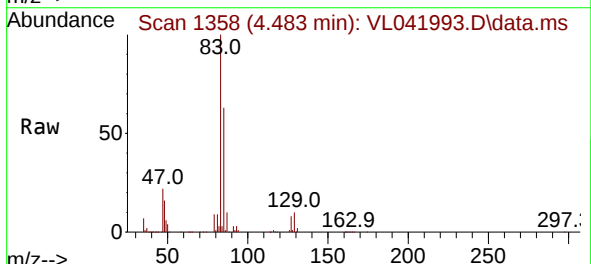
Manual Integrations
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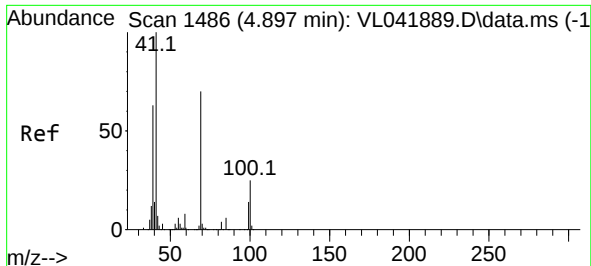
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#42
Bromodichloromethane
Concen: 11.827 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. -0.026 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

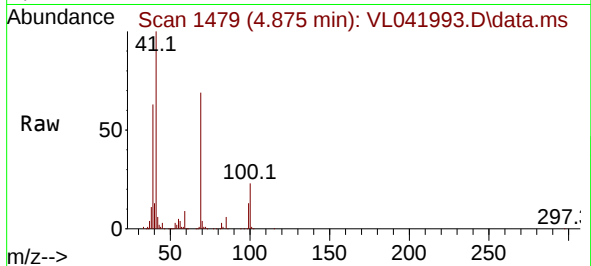
Tgt Ion: 83 Resp: 304019
Ion Ratio Lower Upper
83 100
85 62.9 52.6 78.8
127 7.9 6.4 9.6





#43
Methyl Methacrylate
Concen: 11.855 ppbv
RT: 4.875 min Scan# 1405
Delta R.T. -0.023 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

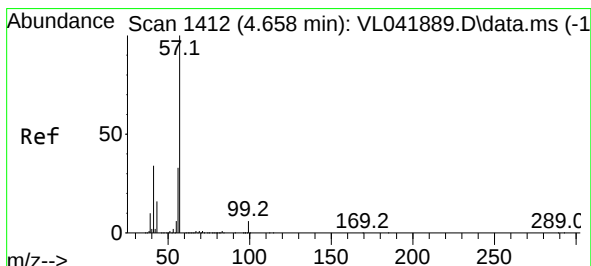
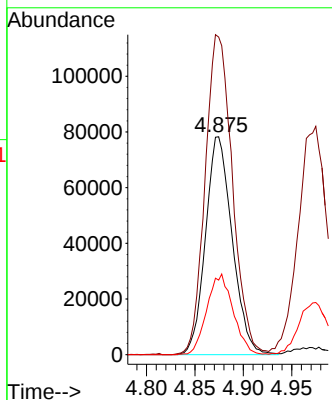
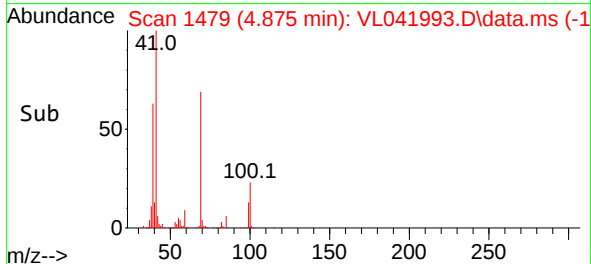
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 150330
Ion Ratio Lower Upper
69 100
41 149.9 118.6 177.8
100 36.4 29.3 43.9

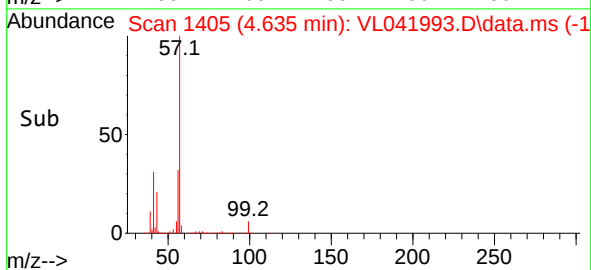
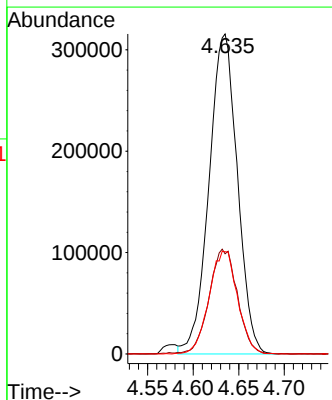
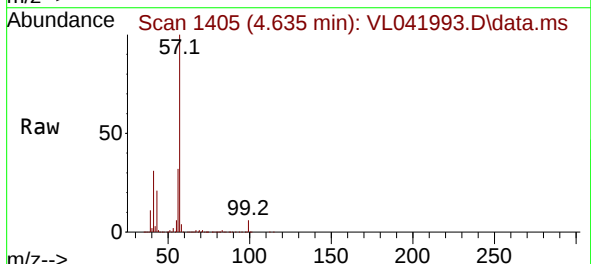
Manual Integrations
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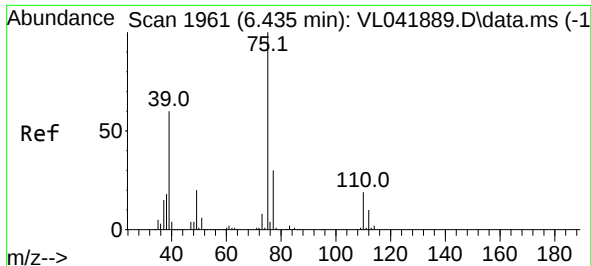
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#44
2,2,4-Trimethylpentane
Concen: 12.378 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. -0.023 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Tgt Ion: 57 Resp: 683444
Ion Ratio Lower Upper
57 100
41 33.0 26.6 40.0
56 32.3 25.4 38.2





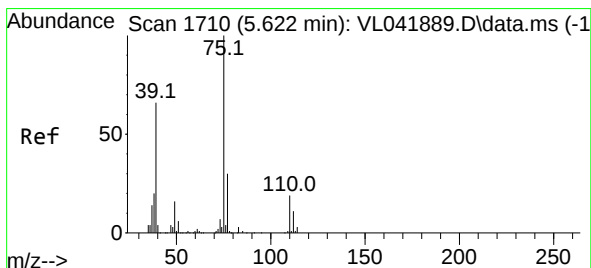
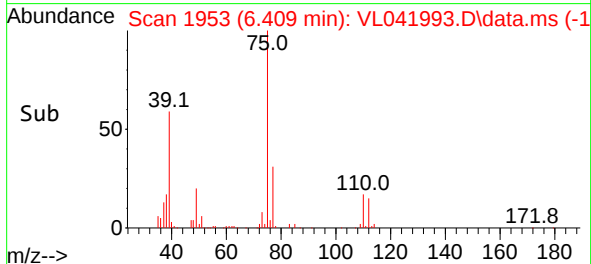
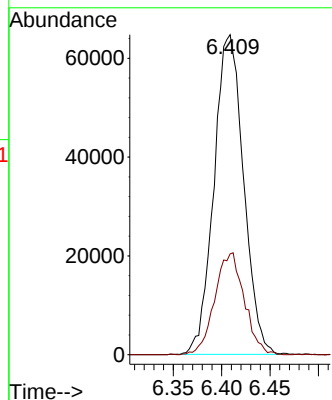
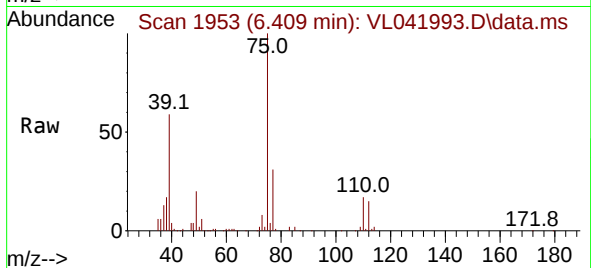
#45
 t-1,3-Dichloropropene
 Concen: 11.608 ppbv
 RT: 6.409 min Scan# 1961
 Delta R.T. -0.026 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 75 Resp: 13778
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.3 36.5

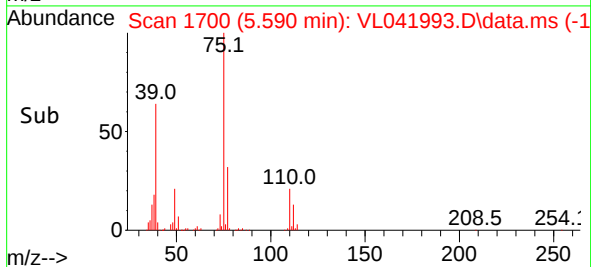
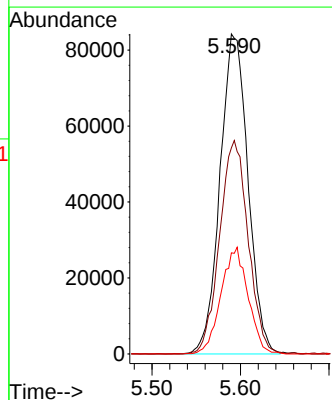
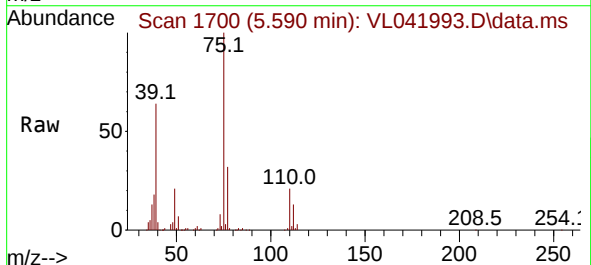
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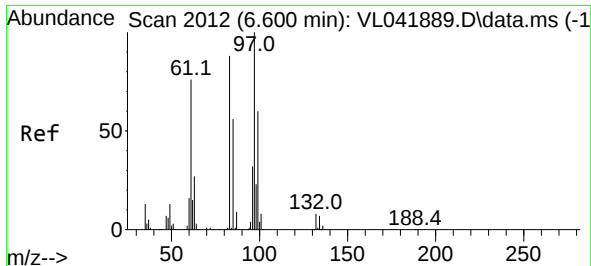
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#46
 cis-1,3-Dichloropropene
 Concen: 11.877 ppbv
 RT: 5.590 min Scan# 1700
 Delta R.T. -0.032 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52

Tgt Ion: 75 Resp: 185097
 Ion Ratio Lower Upper
 75 100
 39 64.3 53.1 79.7
 77 31.6 23.8 35.8





#47

1,1,2-Trichloroethane

Concen: 12.298 ppbv

RT: 6.570 min Scan# 2012

Delta R.T. -0.029 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 156072

Ion Ratio Lower Upper

97 100

83 85.6 70.4 105.6

85 53.8 45.0 67.4

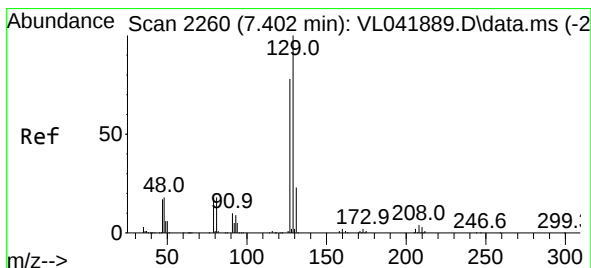
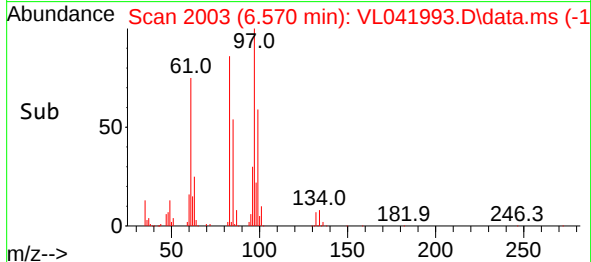
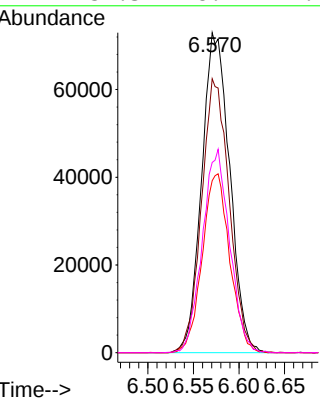
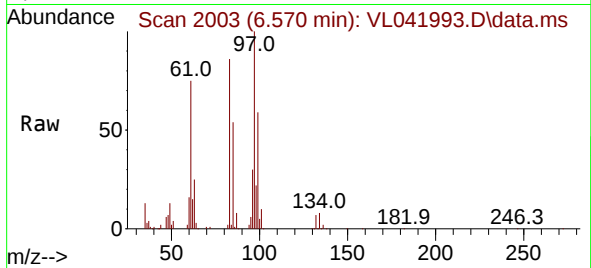
99 59.3 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#48

Dibromochloromethane

Concen: 12.458 ppbv

RT: 7.380 min Scan# 2253

Delta R.T. -0.023 min

Lab File: VL041993.D

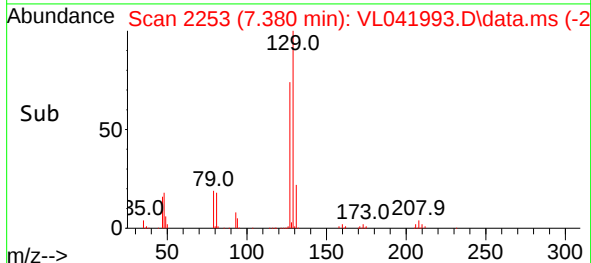
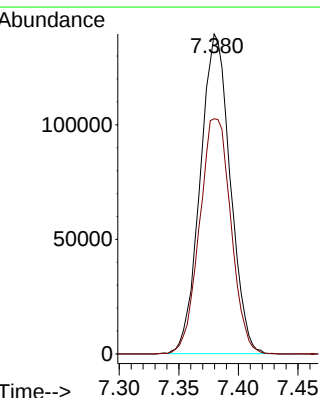
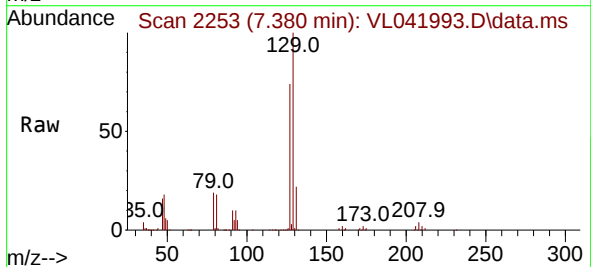
Acq: 10 Feb 2025 17:52

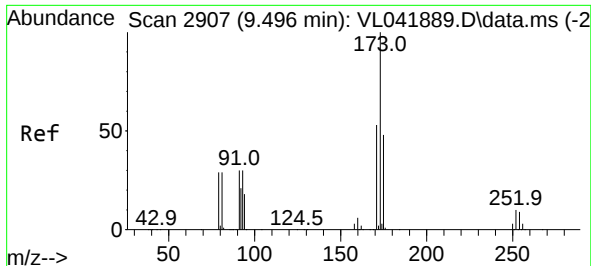
Tgt Ion:129 Resp: 243943

Ion Ratio Lower Upper

129 100

127 77.1 39.3 117.8





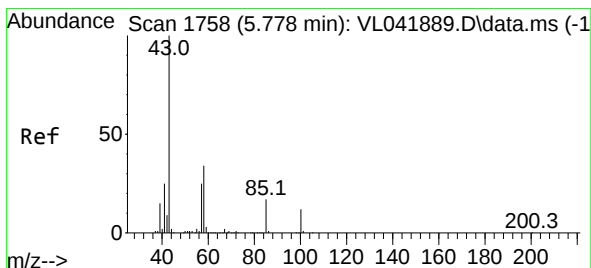
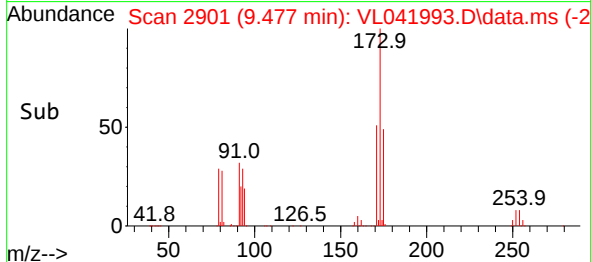
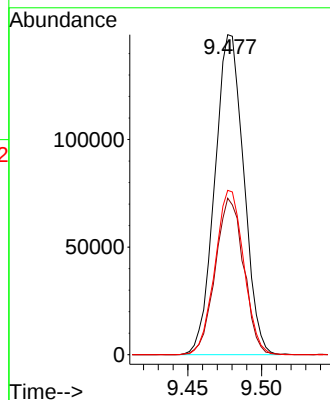
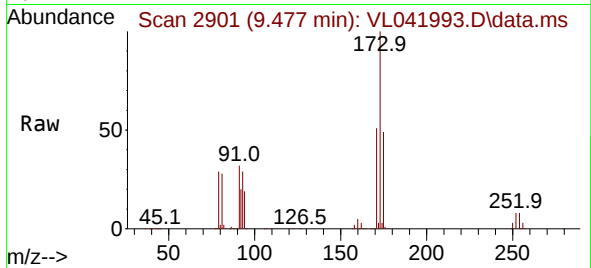
#49
Bromoform
Concen: 12.632 ppbv
RT: 9.477 min Scan# 2907
Delta R.T. -0.019 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 203178
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
171 51.0 41.4 62.2

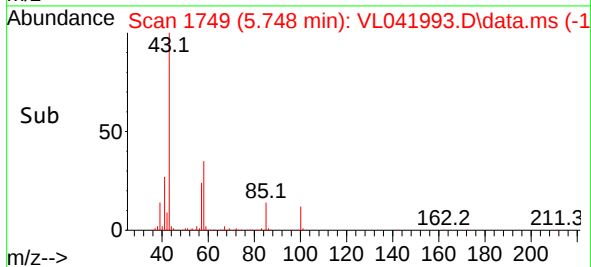
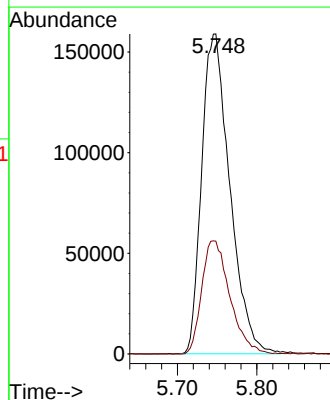
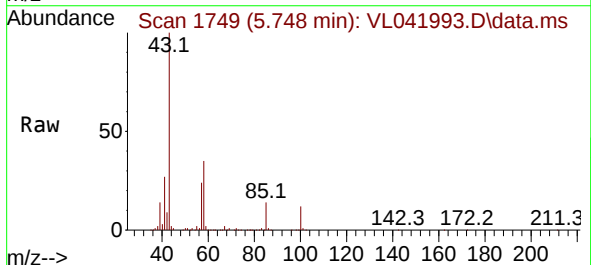
Manual Integrations
APPROVED

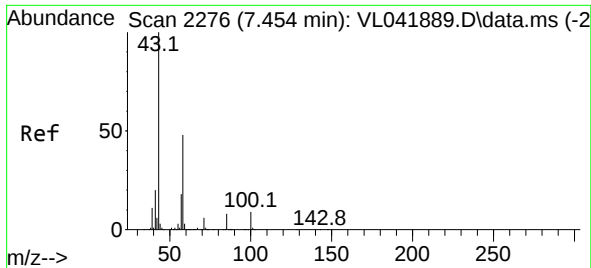
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#50
4-Methyl-2-Pentanone
Concen: 12.116 ppbv
RT: 5.748 min Scan# 1749
Delta R.T. -0.029 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

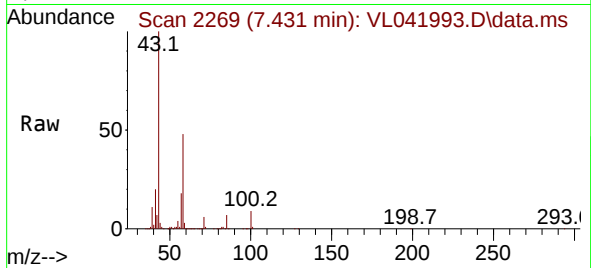
Tgt Ion: 43 Resp: 391463
Ion Ratio Lower Upper
43 100
58 35.4 29.0 43.6





#51
2-Hexanone
Concen: 12.143 ppbv
RT: 7.431 min Scan# 2112
Delta R.T. -0.023 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

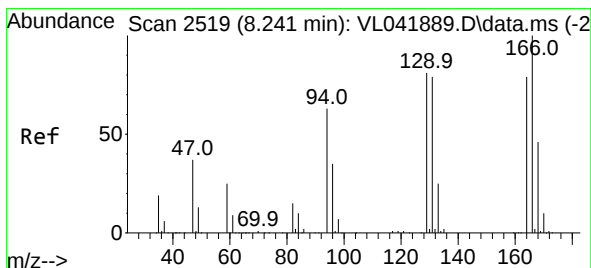
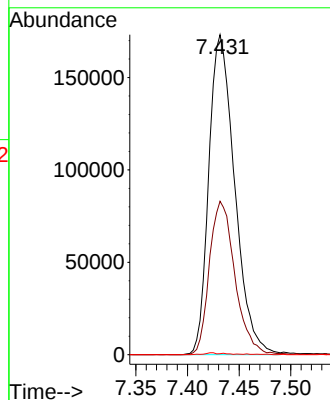
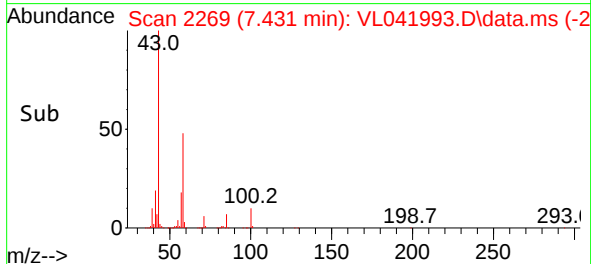
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 301468
Ion Ratio Lower Upper
43 100
58 47.6 40.4 60.6
98 0.6 0.2 0.2

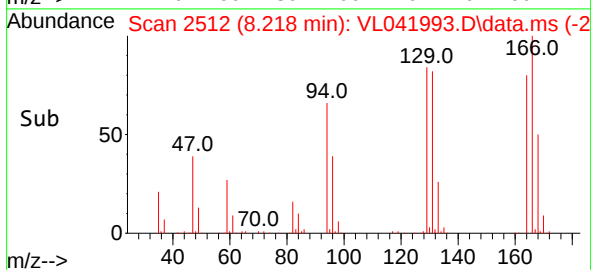
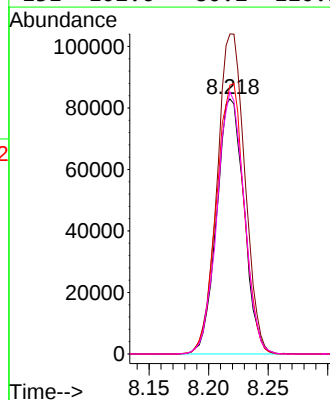
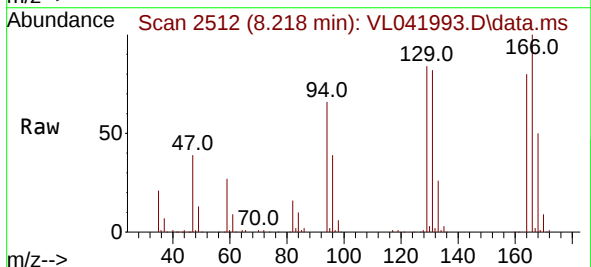
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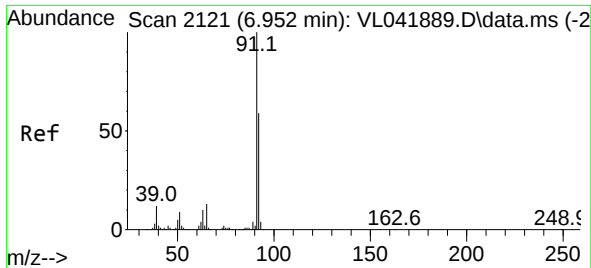
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#52
Tetrachloroethene
Concen: 11.174 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. -0.023 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

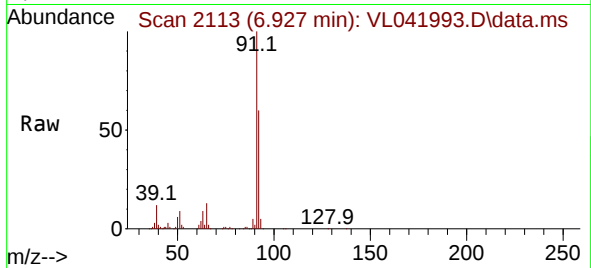
Tgt Ion:164 Resp: 132255
Ion Ratio Lower Upper
164 100
166 125.4 100.8 151.2
129 105.3 82.0 123.0
131 102.6 80.2 120.2





#53
Toluene
Concen: 12.062 ppbv
RT: 6.927 min Scan# 2113
Delta R.T. -0.026 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

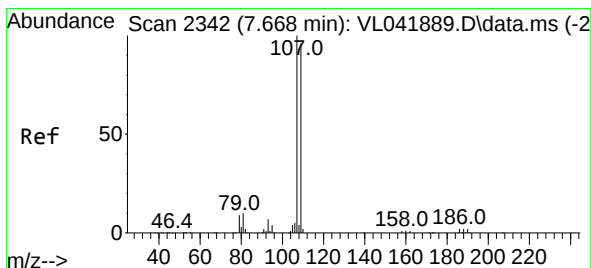
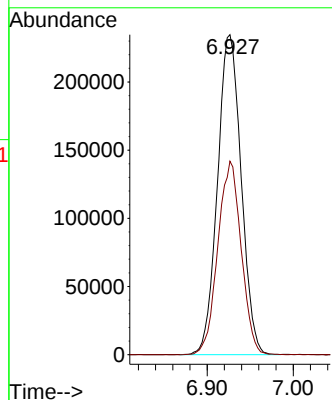
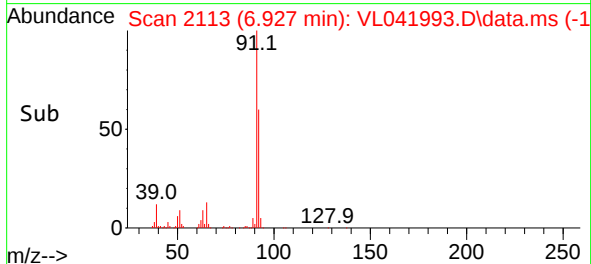
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



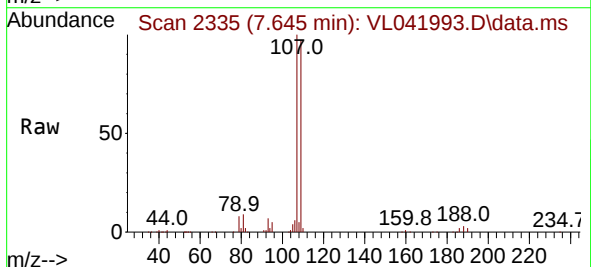
Tgt Ion: 91 Resp: 44850
Ion Ratio Lower Upper
91 100
92 59.7 47.4 71.0

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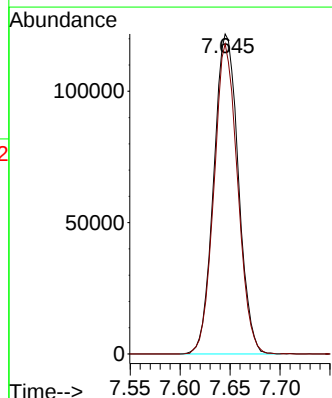
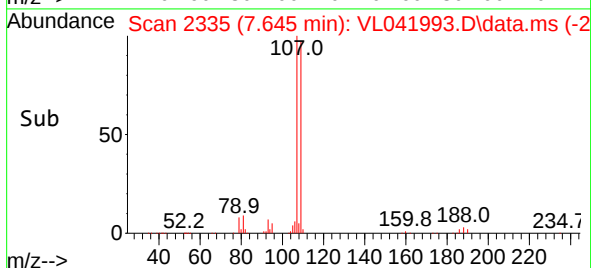
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

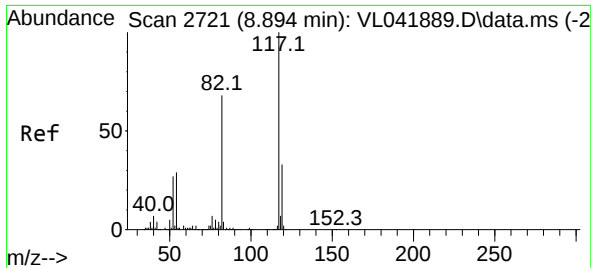


#54
1,2-Dibromoethane
Concen: 11.954 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. -0.023 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52



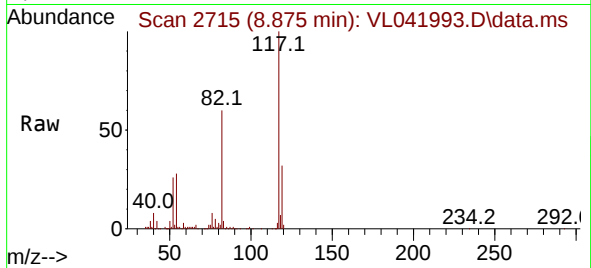
Tgt Ion:107 Resp: 208549
Ion Ratio Lower Upper
107 100
109 96.9 76.7 115.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. -0.019 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

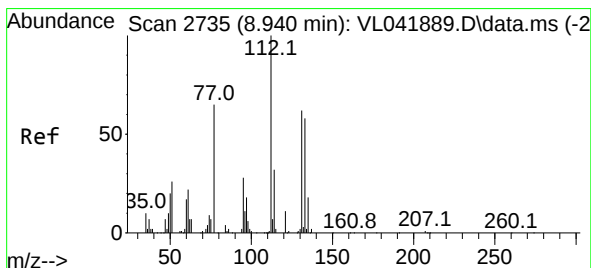
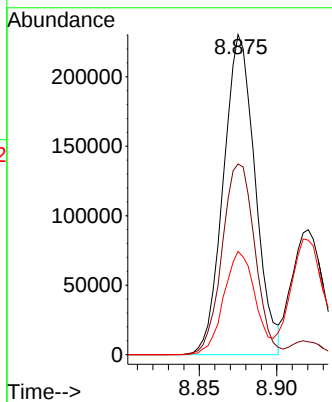
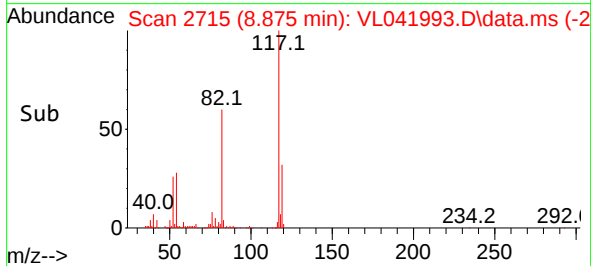
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



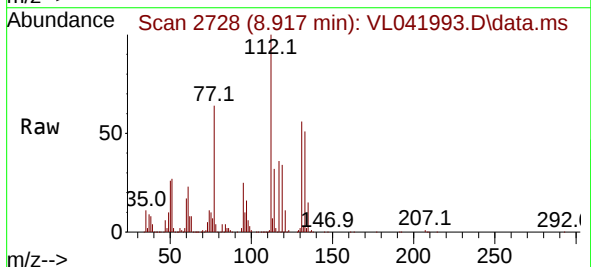
Tgt Ion:117 Resp: 32828
Ion Ratio Lower Upper
117 100
82 65.7 54.2 81.4
119 33.2 25.0 37.6

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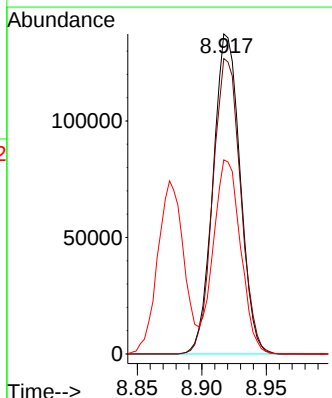
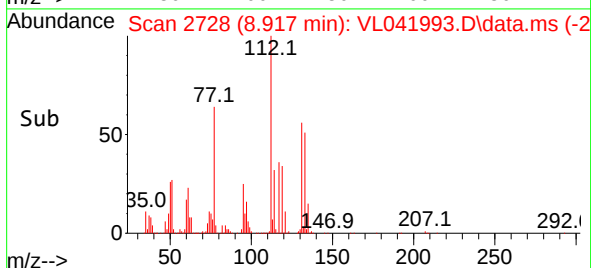
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

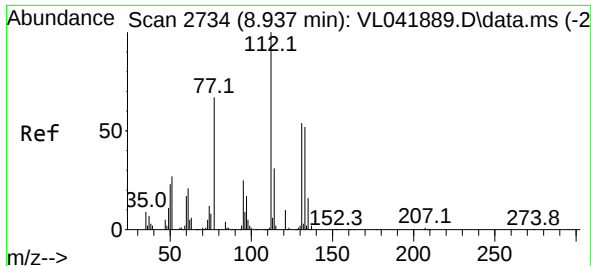


#56
1,1,1,2-Tetrachloroethane
Concen: 12.239 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. -0.023 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52



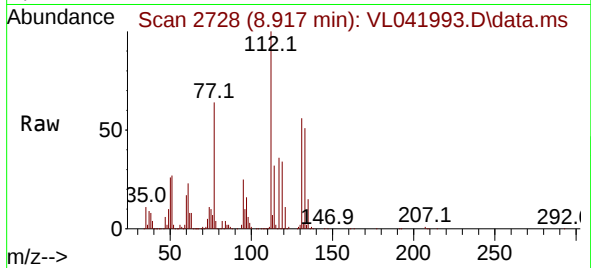
Tgt Ion:131 Resp: 200460
Ion Ratio Lower Upper
131 100
133 94.2 76.0 114.0
119 60.9 49.7 74.5





#57
Chlorobenzene
Concen: 11.895 ppbv
RT: 8.917 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

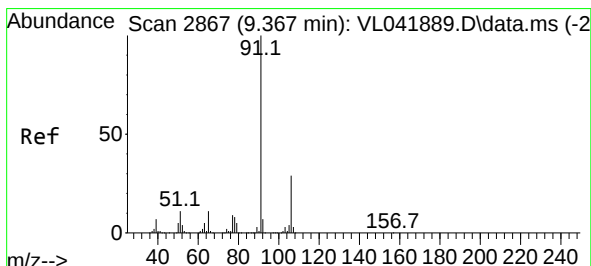
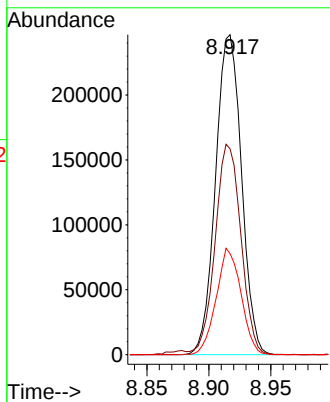
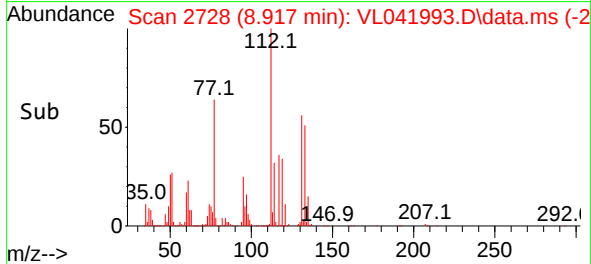
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 36019
Ion Ratio Lower Upper
112 100
77 64.4 54.6 82.0
114 31.6 28.2 34.4

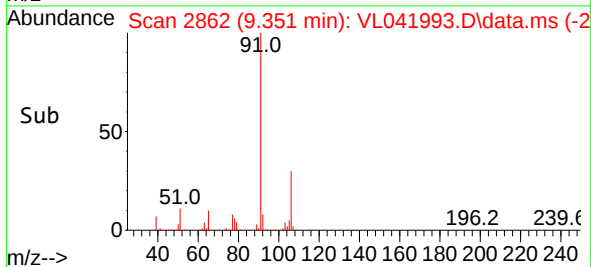
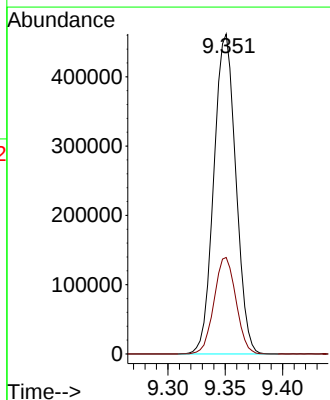
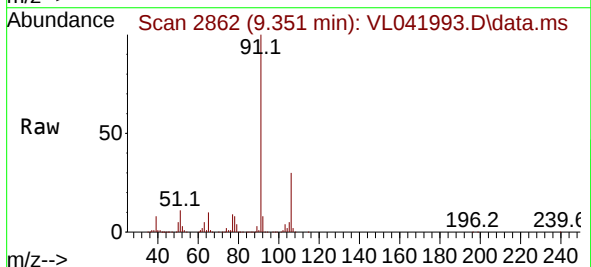
Manual Integrations
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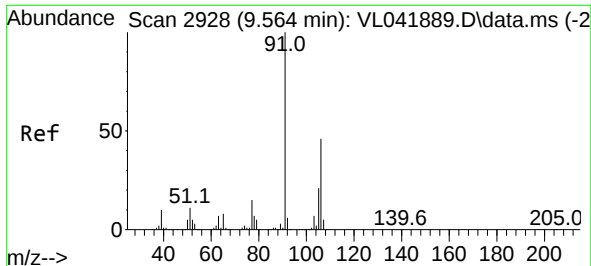
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#58
Ethyl Benzene
Concen: 12.005 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.016 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Tgt Ion: 91 Resp: 615926
Ion Ratio Lower Upper
91 100
106 30.2 23.1 34.7





#59

m/p-Xylene

Concen: 24.344 ppbv m

RT: 9.545 min Scan# 2928

Delta R.T. -0.019 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 100112

Ion Ratio Lower Upper

91 100

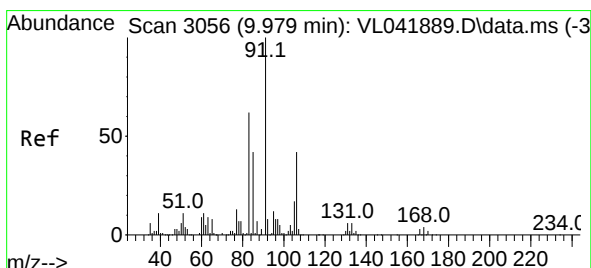
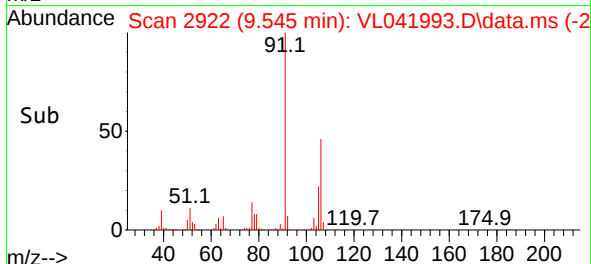
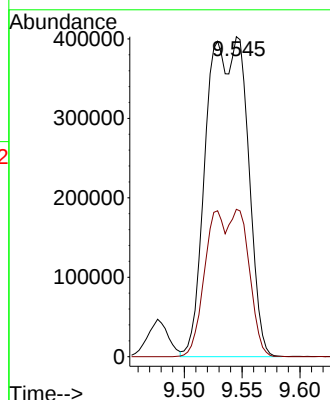
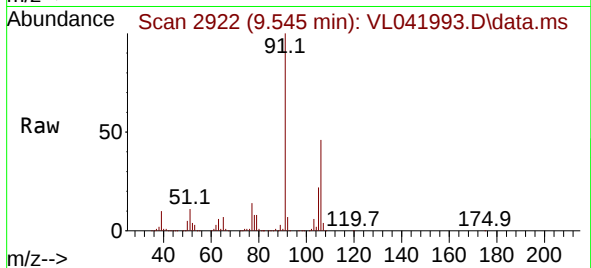
106 46.1 36.0 54.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#60

o-Xylene

Concen: 12.377 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.019 min

Lab File: VL041993.D

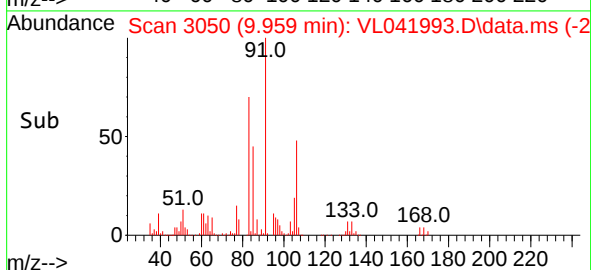
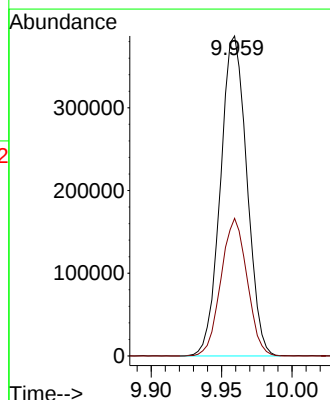
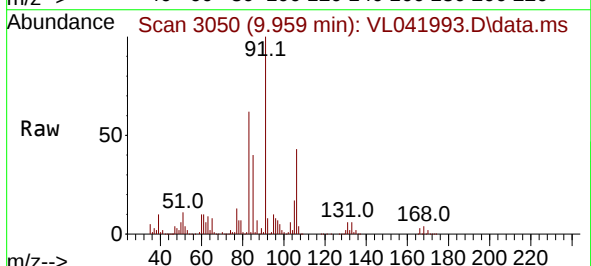
Acq: 10 Feb 2025 17:52

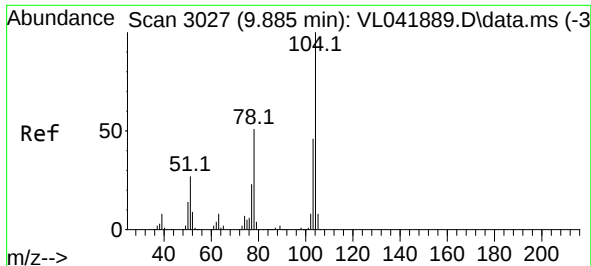
Tgt Ion: 91 Resp: 505219

Ion Ratio Lower Upper

91 100

106 42.6 21.3 63.9





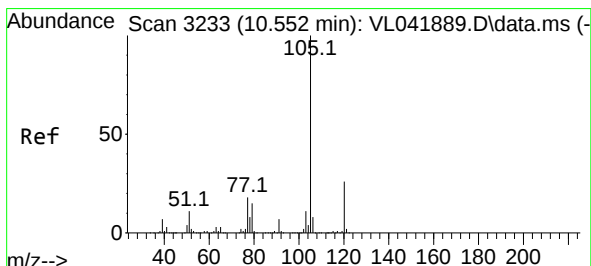
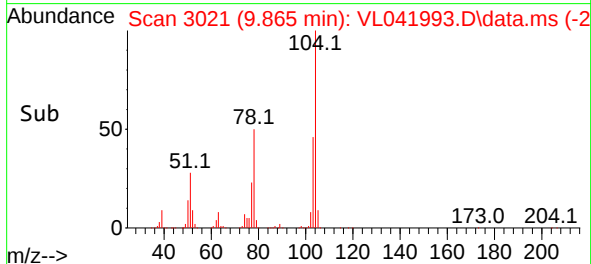
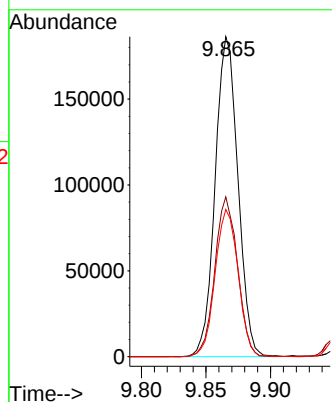
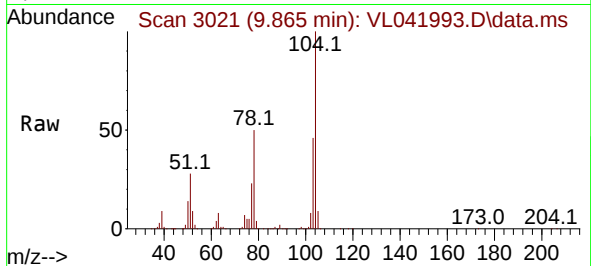
#61
Styrene
Concen: 12.492 ppbv
RT: 9.865 min Scan# 3027
Delta R.T. -0.019 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 228735
Ion Ratio Lower Upper
104 100
78 49.6 41.0 61.6
103 46.6 37.2 55.8

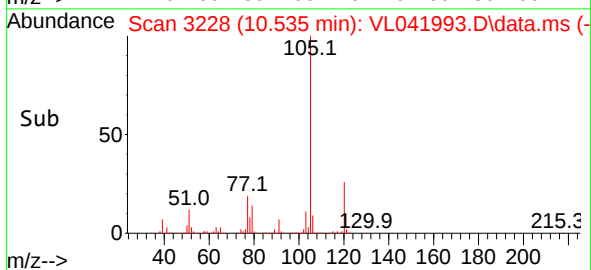
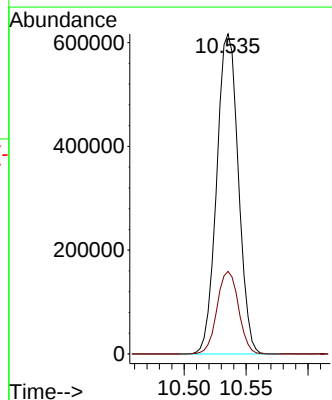
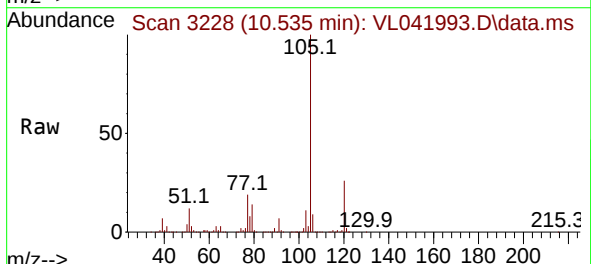
Manual Integrations
APPROVED

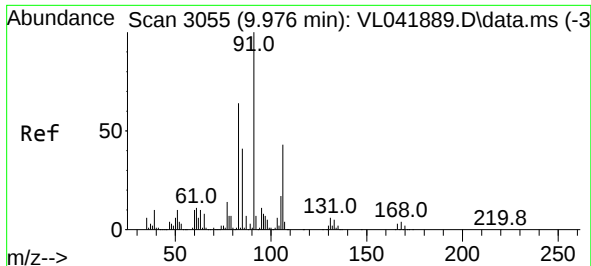
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#62
Isopropylbenzene
Concen: 11.879 ppbv
RT: 10.535 min Scan# 3228
Delta R.T. -0.016 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

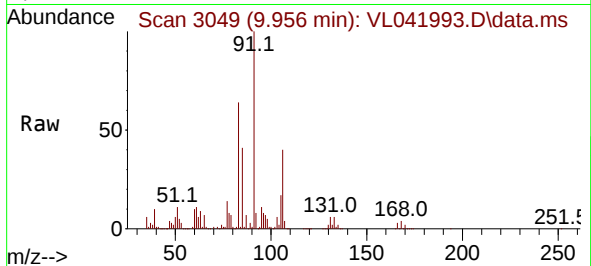
Tgt Ion:105 Resp: 750312
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 12.128 ppbv
RT: 9.956 min Scan# 3049
Delta R.T. -0.019 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

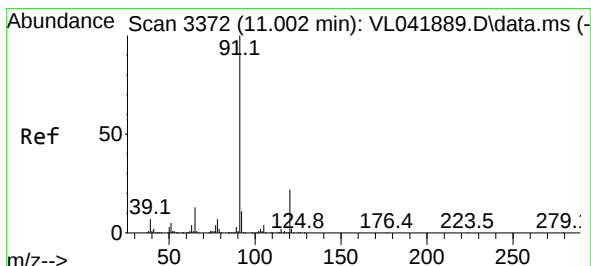
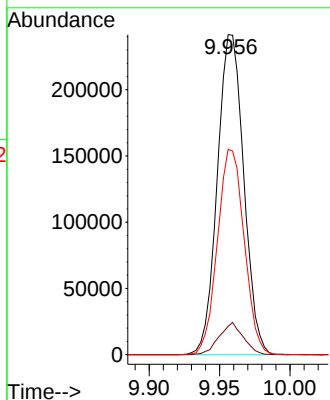
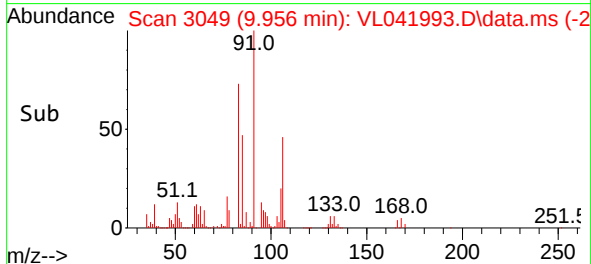
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



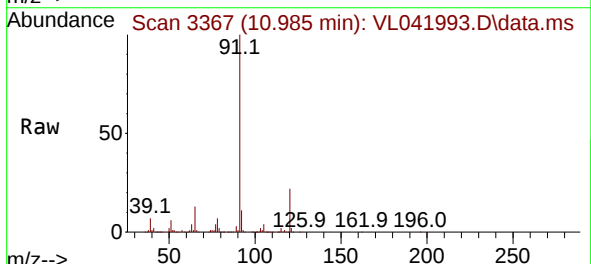
Tgt Ion: 83 Resp: 31633
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 64.9 32.4 97.2

Manual Integrations
APPROVED

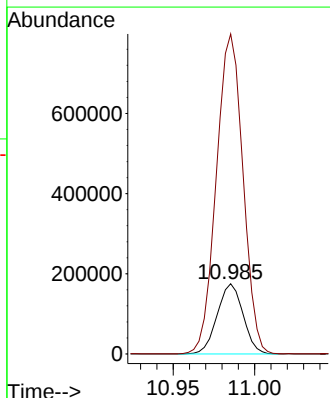
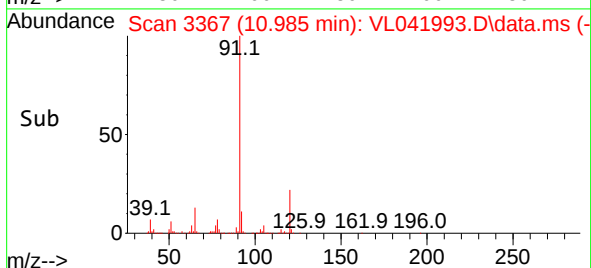
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

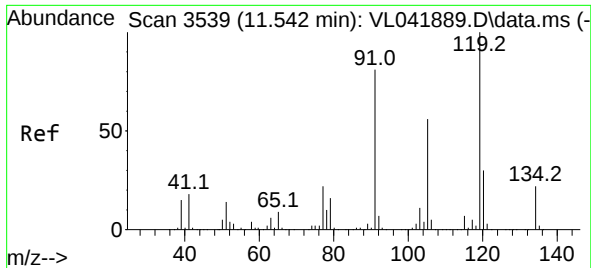


#64
n-propylbenzene
Concen: 12.083 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.016 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52



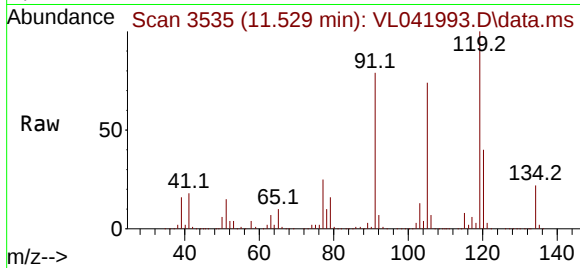
Tgt Ion:120 Resp: 192838
Ion Ratio Lower Upper
120 100
91 471.2 374.1 561.1





#65
tert-Butylbenzene
Concen: 11.840 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.013 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

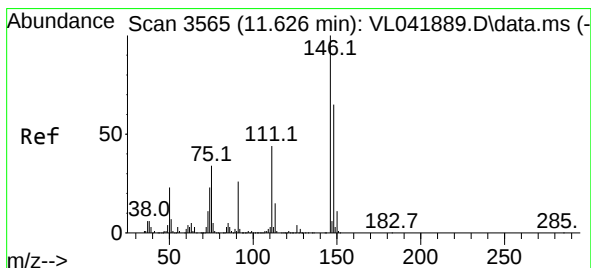
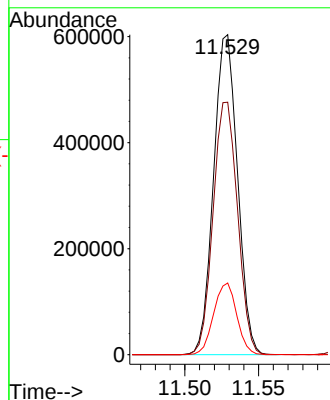
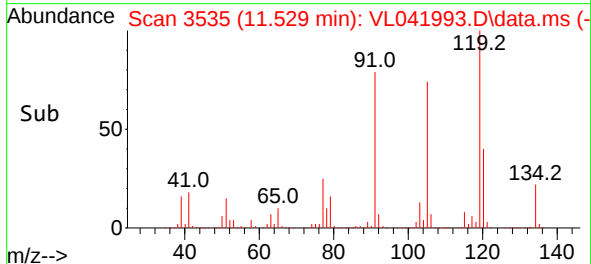
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



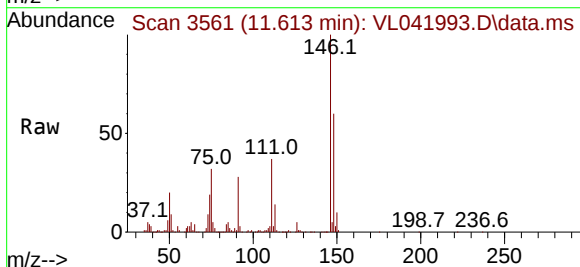
Tgt Ion:119 Resp: 681514
Ion Ratio Lower Upper
119 100
91 80.7 64.6 97.0
134 21.6 16.8 25.2

Manual Integrations
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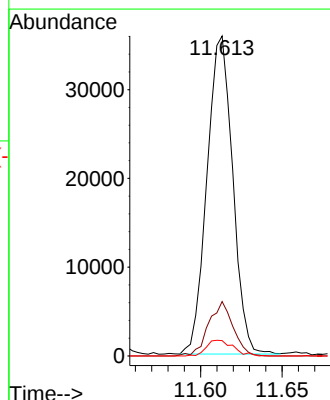
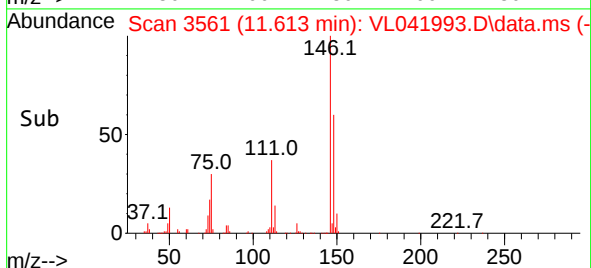
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

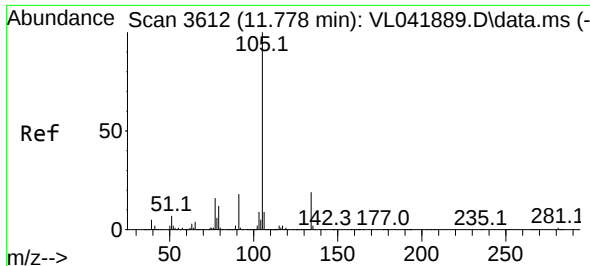


#66
Benzyl Chloride
Concen: 11.036 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.013 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52



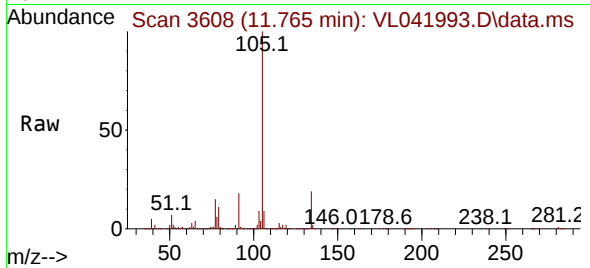
Tgt Ion: 91 Resp: 39317
Ion Ratio Lower Upper
91 100
126 16.3 14.1 21.1
128 5.2 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 12.012 ppbv
 RT: 11.765 min Scan# 30
 Delta R.T. -0.013 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52

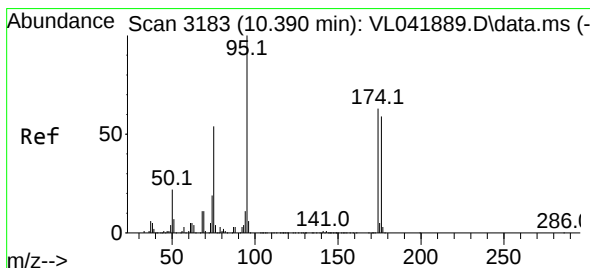
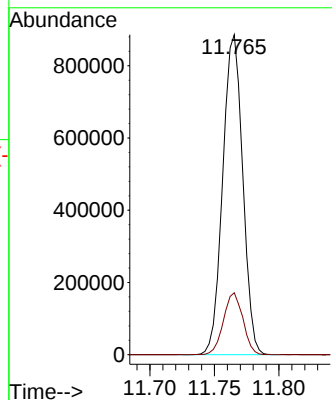
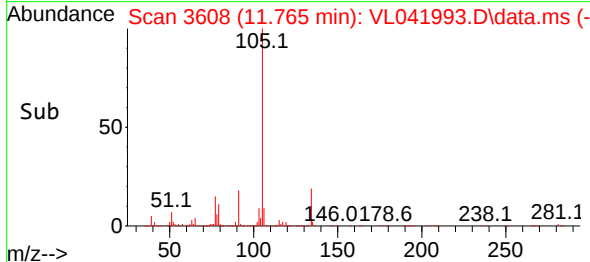
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 952024
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.1 22.7

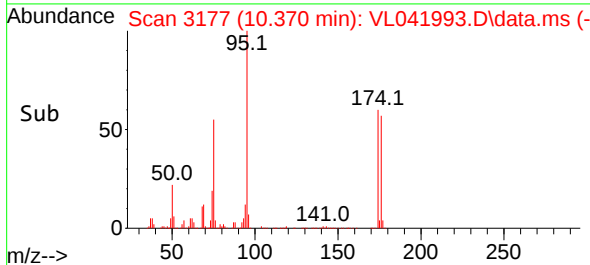
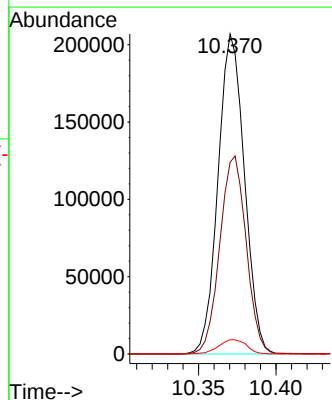
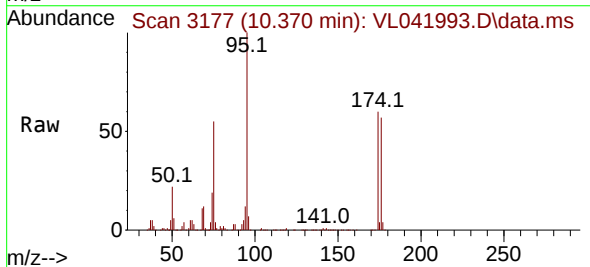
Manual Integrations
 APPROVED

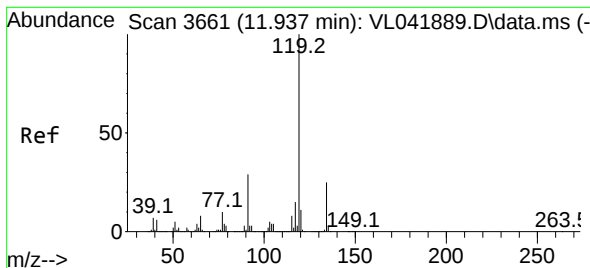
Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.489 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. -0.019 min
 Lab File: VL041993.D
 Acq: 10 Feb 2025 17:52

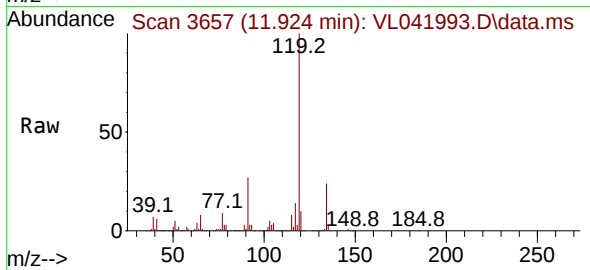
Tgt Ion: 95 Resp: 245358
 Ion Ratio Lower Upper
 95 100
 174 62.0 49.0 73.4
 175 4.8 3.8 5.8





#69
p-Isopropyltoluene
Concen: 11.945 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.013 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

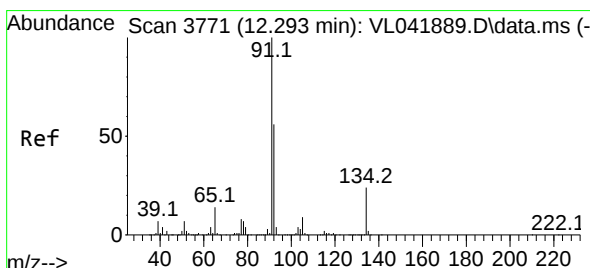
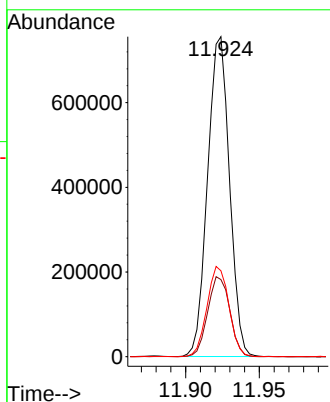
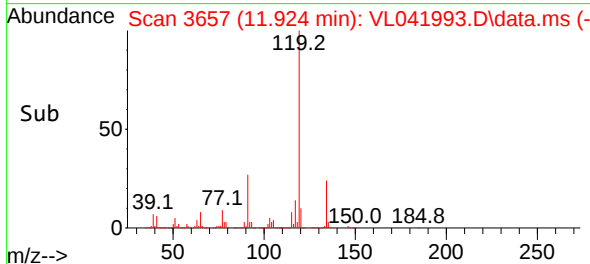
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



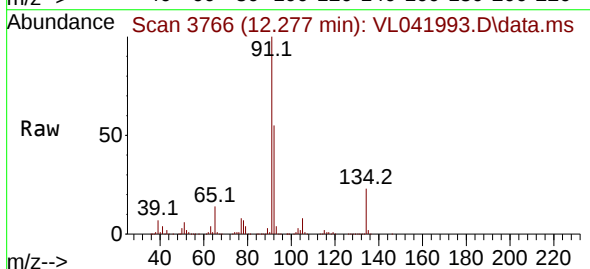
Tgt Ion: 119 Resp: 779644
Ion Ratio Lower Upper
119 100
134 25.3 19.8 29.6
91 28.4 23.0 34.4

Manual Integrations
APPROVED

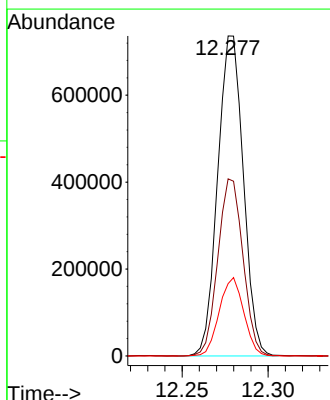
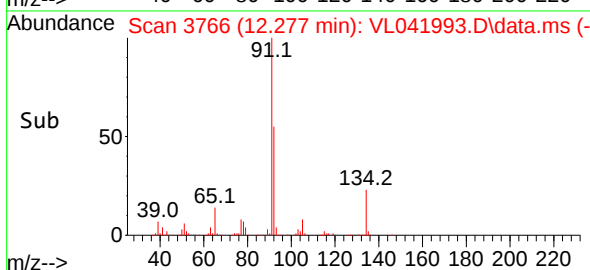
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

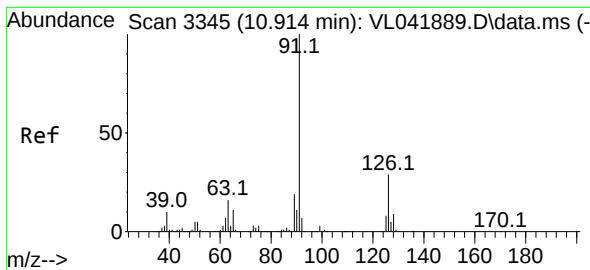


#70
n-Butylbenzene
Concen: 11.794 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. -0.016 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52



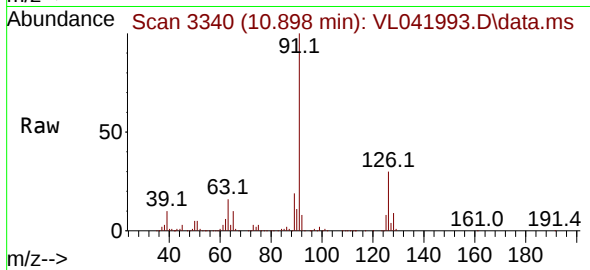
Tgt Ion: 91 Resp: 763428
Ion Ratio Lower Upper
91 100
92 54.4 43.8 65.6
134 23.4 19.0 28.6





#71
2-Chlorotoluene
Concen: 11.892 ppbv
RT: 10.898 min Scan# 3109
Delta R.T. -0.016 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

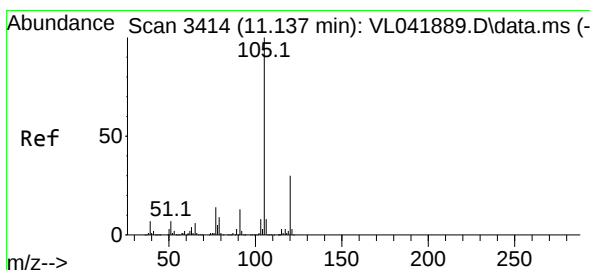
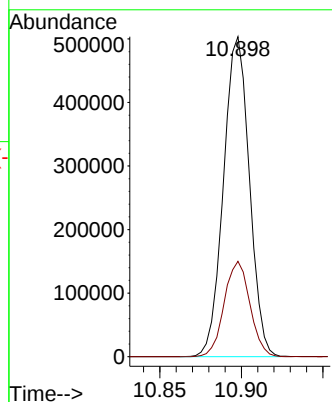
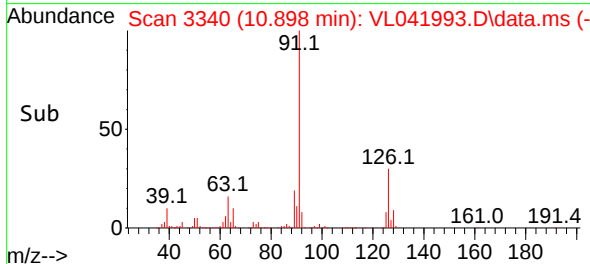
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



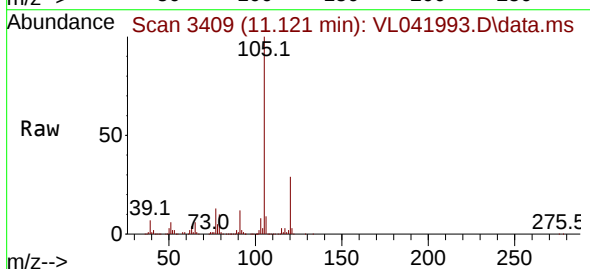
Tgt Ion: 91 Resp: 555610
Ion Ratio Lower Upper
91 100
126 29.6 11.7 46.7

Manual Integrations
APPROVED

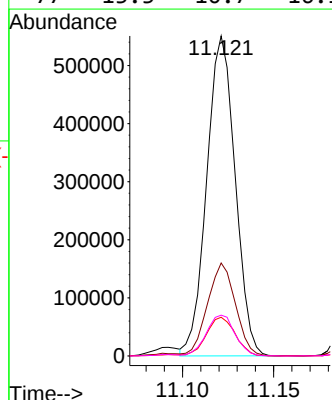
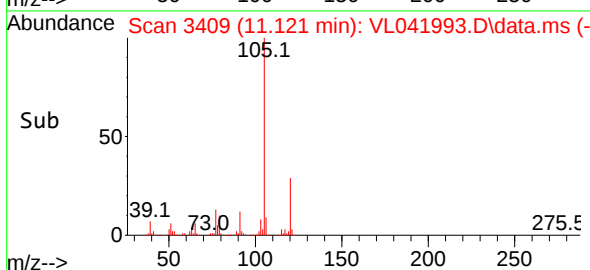
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

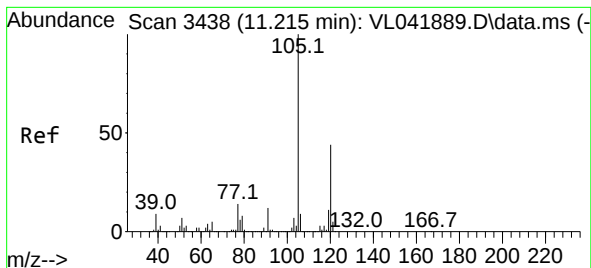


#72
4-Ethyltoluene
Concen: 12.256 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.016 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52



Tgt Ion:105 Resp: 598417
Ion Ratio Lower Upper
105 100
120 29.3 23.7 35.5
91 12.8 10.2 15.2
77 13.3 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 11.915 ppbv

RT: 11.199 min Scan# 3438

Delta R.T. -0.016 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 513748

Ion Ratio Lower Upper

105 100

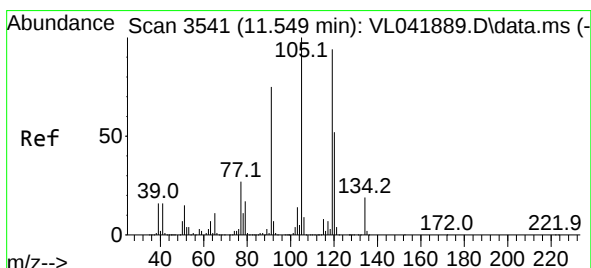
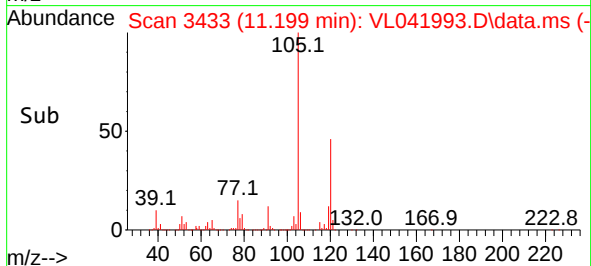
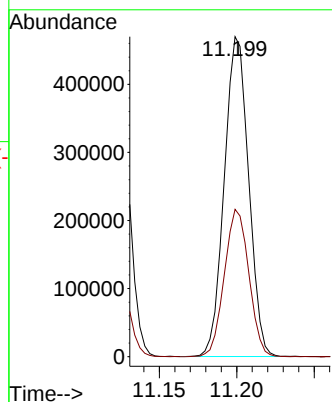
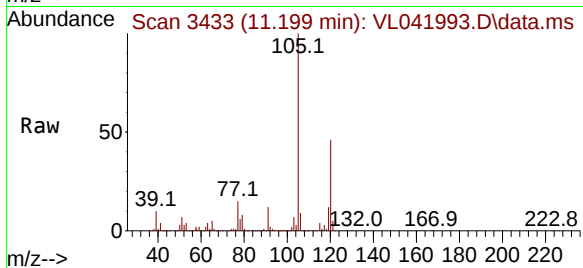
120 46.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.915 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.016 min

Lab File: VL041993.D

Acq: 10 Feb 2025 17:52

Tgt Ion:105 Resp: 556350

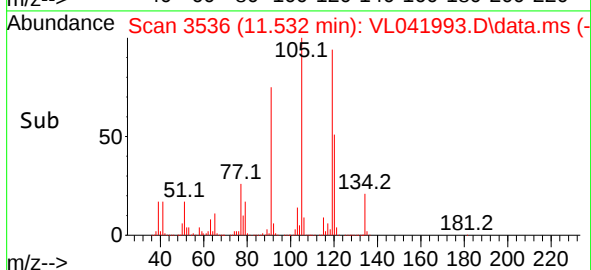
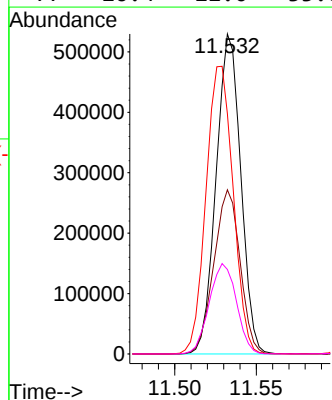
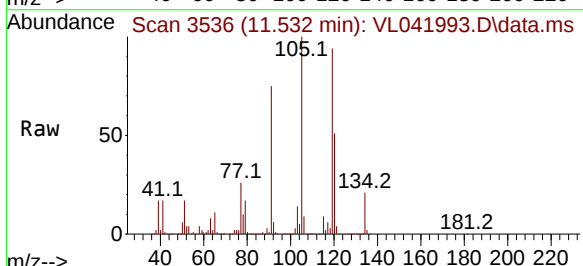
Ion Ratio Lower Upper

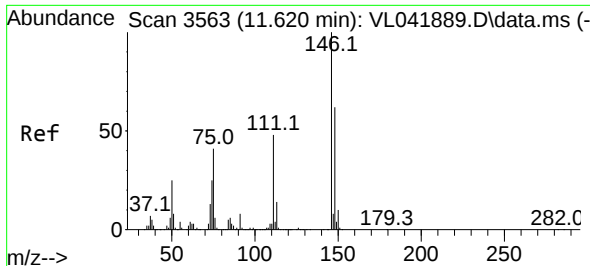
105 100

120 51.3 41.4 62.2

91 75.0 60.2 90.2

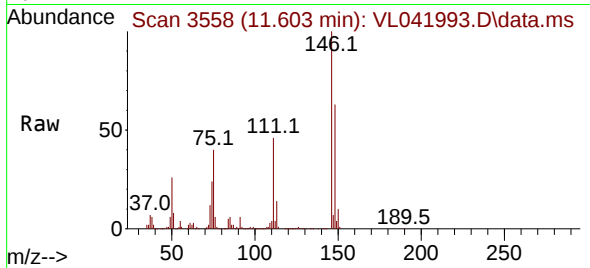
77 26.4 22.0 33.0





#75
1,3-Dichlorobenzene
Concen: 11.788 ppbv
RT: 11.603 min Scan# 3558
Delta R.T. -0.016 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

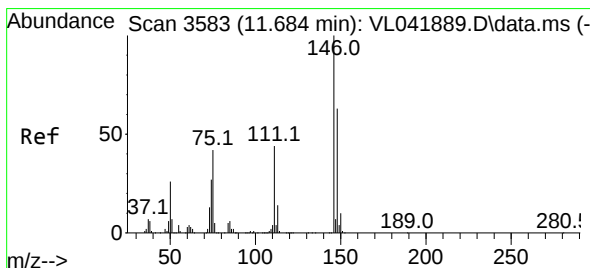
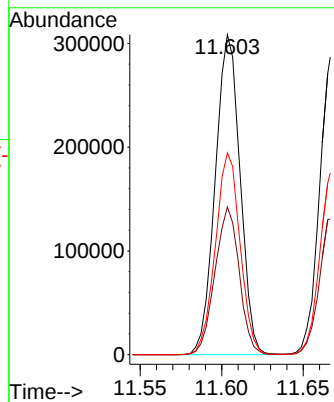
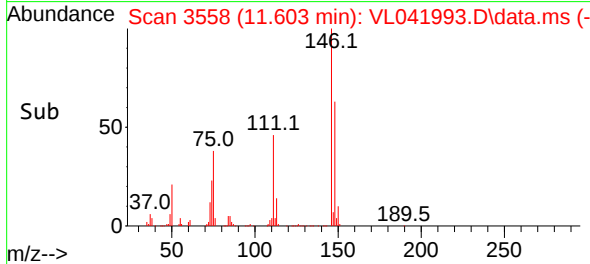
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



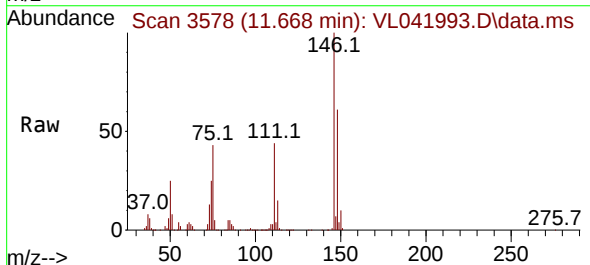
Tgt Ion:146 Resp: 326160
Ion Ratio Lower Upper
146 100
111 45.2 23.6 70.8
148 62.8 31.4 94.0

Manual Integrations
APPROVED

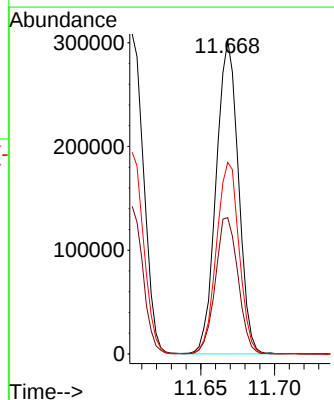
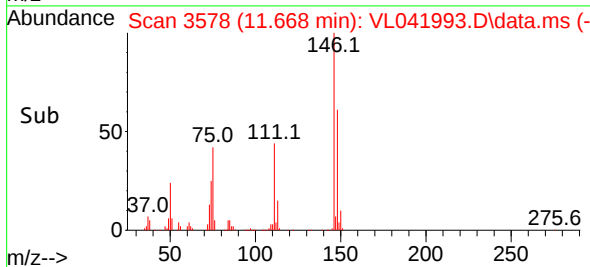
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

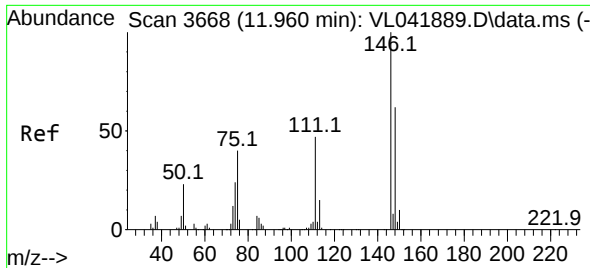


#76
1,4-Dichlorobenzene
Concen: 11.709 ppbv
RT: 11.668 min Scan# 3578
Delta R.T. -0.016 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52



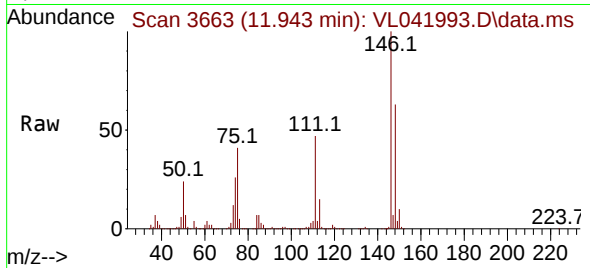
Tgt Ion:146 Resp: 316981
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.0
148 62.5 31.9 95.5





#77
1,2-Dichlorobenzene
Concen: 11.599 ppbv
RT: 11.943 min Scan# 3663
Delta R.T. -0.016 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

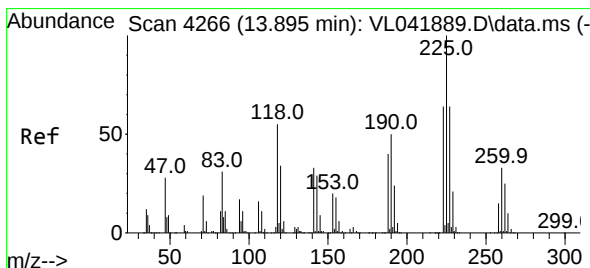
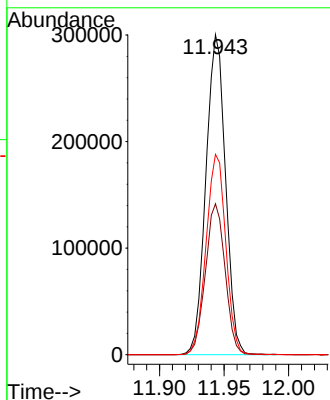
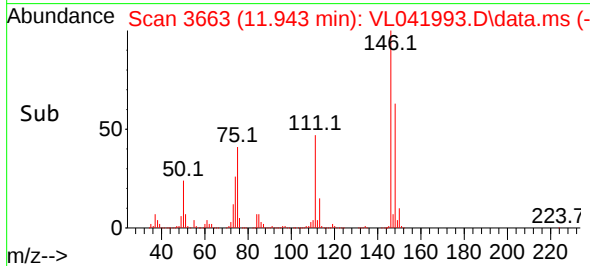
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



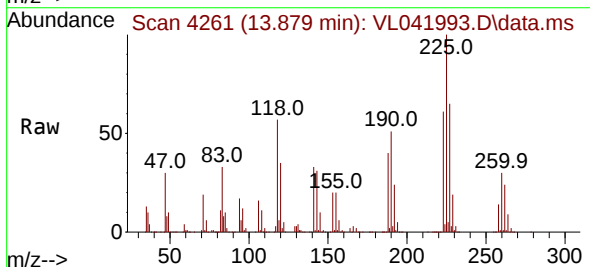
Tgt Ion:146 Resp: 318070
Ion Ratio Lower Upper
146 100
111 47.4 24.2 72.6
148 63.0 31.7 95.1

Manual Integrations
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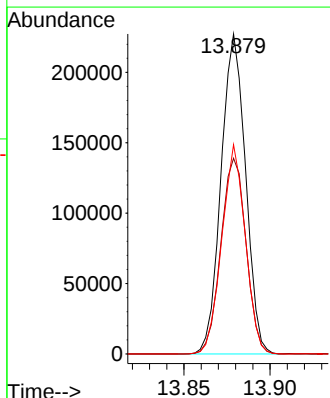
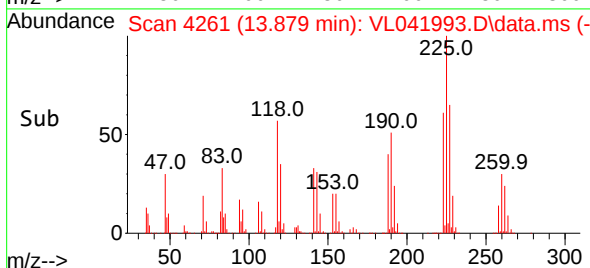
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

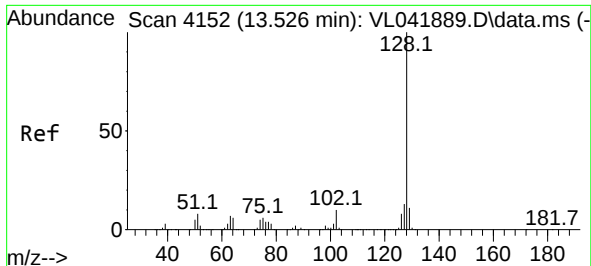


#78
Hexachloro-1,3-Butadiene
Concen: 9.990 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.016 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52



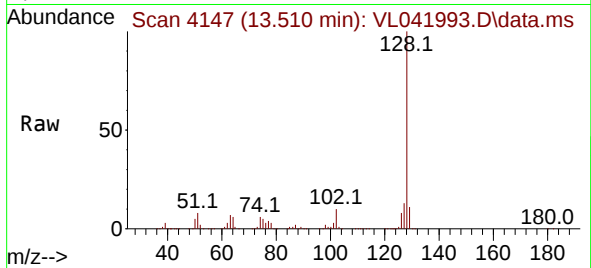
Tgt Ion:225 Resp: 224864
Ion Ratio Lower Upper
225 100
223 62.9 50.8 76.2
227 62.8 50.3 75.5





#79
Naphthalene
Concen: 10.384 ppbv
RT: 13.510 min Scan# 4152
Delta R.T. -0.016 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

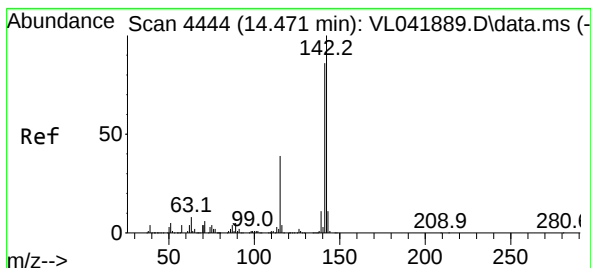
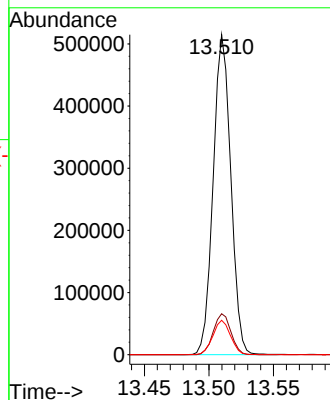
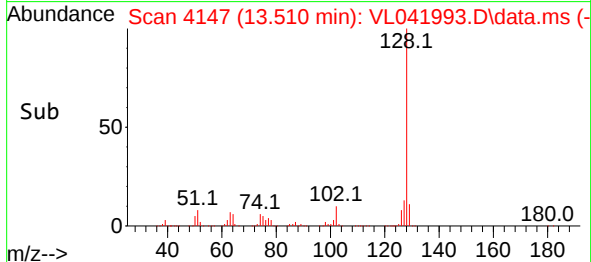
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 488219
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 9.1 13.7

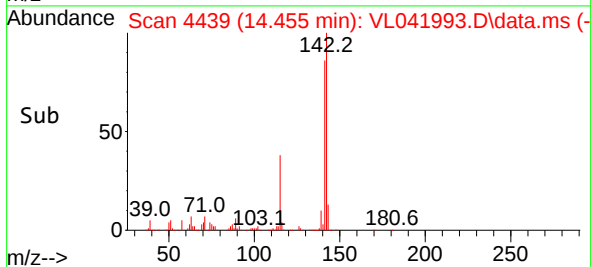
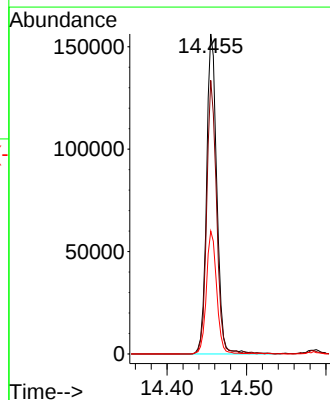
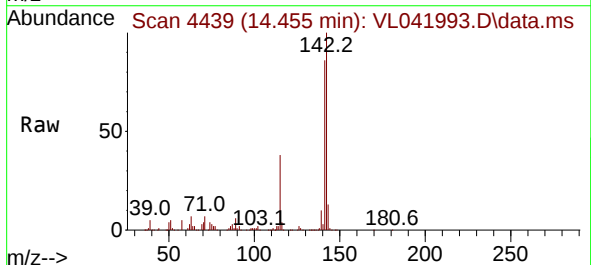
Manual Integrations
APPROVED

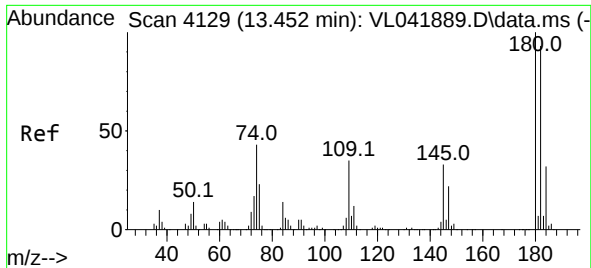
Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#80
Naphthalene,2-methyl-
Concen: 6.296 ppbv
RT: 14.455 min Scan# 4439
Delta R.T. -0.016 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

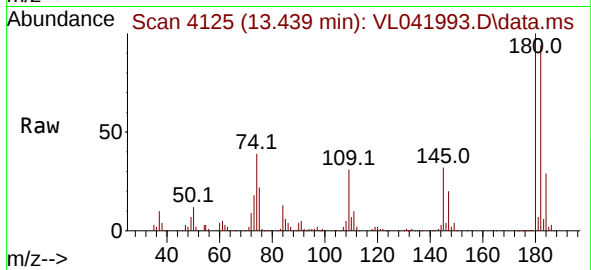
Tgt Ion:142 Resp: 140342
Ion Ratio Lower Upper
142 100
141 83.6 68.1 102.1
115 38.9 31.7 47.5





#81
1,2,4-Trichlorobenzene
Concen: 9.640 ppbv
RT: 13.439 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL041993.D
Acq: 10 Feb 2025 17:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 221210
Ion Ratio Lower Upper
180 100
182 94.9 77.0 115.6
184 28.7 24.9 37.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

