

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040425\
 Data File : VL042215.D
 Acq On : 04 Apr 2025 08:58
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/07/2025
 Supervised By : Mahesh Dadoda 04/08/2025

Quant Time: Apr 05 01:58:44 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	187369	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	519347	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	464975	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 383840 10.052 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	263276	9.517	ppbv	99
3) Chlorodifluoromethane	1.476	51	264623	9.363	ppbv	96
4) Chloromethane	1.534	50	104117	9.209	ppbv	96
5) Vinyl Chloride	1.580	62	98352	8.209	ppbv	97
6) Bromomethane	1.667	94	44500	8.685	ppbv	97
7) Chloroethane	1.706	64	39804	8.771	ppbv	98
8) Dichlorotetrafluoroethane	1.554	85	227648	9.663	ppbv	93
9) Propene	1.486	41	101955	7.871	ppbv	99
10) Heptane	4.988	43	290775	8.439	ppbv	99
11) Trichlorofluoromethane	1.877	101	256266	9.520	ppbv	97
12) 1,1,2-Trichlorotrifluoro...	2.140	101	195280	8.826	ppbv	97
13) Ethanol	1.722	45	5295	4.324	ppbv	99
14) Bromoethene	1.783	108	72355	8.536	ppbv	98
15) Acetone	1.835	43	219621	8.381	ppbv	96
16) 1,3-Butadiene	1.609	39	106868	8.351	ppbv	98
17) tert-Butyl alcohol	2.042	59	264585	8.107	ppbv	100
18) 1,1-Dichloroethene	2.036	96	87932	8.501	ppbv	95
19) Isopropyl Alcohol	1.887	45	123909	8.381	ppbv	98
20) Methylene Chloride	2.062	84	76274	7.815	ppbv	94
21) Allyl Chloride	2.097	41	158103	8.555	ppbv	98
22) trans-1,2-Dichloroethene	2.343	96	97729	8.175	ppbv	96
23) Vinyl Acetate	2.463	43	81872	7.219	ppbv	99
24) 1,1-Dichloroethane	2.411	63	199075	8.983	ppbv	99
25) Ethyl Acetate	2.839	43	602732	8.862	ppbv	99
26) Hexane	2.829	57	231730	8.821	ppbv	99
27) Carbon Disulfide	2.152	76	244246	8.670	ppbv	96
28) Methyl tert-Butyl Ether	2.444	73	131136	8.018	ppbv	97
29) Chloroform	2.852	83	378649	9.849	ppbv	99
30) Cyclohexane	3.861	84	196271	8.604	ppbv	96
31) cis-1,2-Dichloroethene	2.722	61	243455	9.129	ppbv	96
32) 1,1,1-Trichloroethane	3.373	97	401472	9.121	ppbv	98
34) 2-Butanone	2.560	43	347241	9.221	ppbv	100
35) Carbon Tetrachloride	3.764	117	412365	10.164	ppbv	97
36) Benzene	3.661	78	467443	9.079	ppbv	97
37) 1,2-Dichloroethane	3.221	62	307037	10.416	ppbv	97
38) Trichloroethene	4.554	130	199451	9.284	ppbv	98
39) 1,2-Dichloropropane	4.318	63	170450	9.090	ppbv	91
40) 1,4-Dioxane	4.590	88	81209	8.160	ppbv #	93
41) Tetrahydrofuran	3.059	42	189995	8.761	ppbv	98
42) Bromodichloromethane	4.496	83	416628	10.252	ppbv	98
43) Methyl Methacrylate	4.884	69	184838	8.480	ppbv	99
44) 2,2,4-Trimethylpentane	4.648	57	789050	9.069	ppbv	97
45) t-1,3-Dichloropropene	6.422	75	196583	8.407	ppbv	95

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Instrument :
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 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2025
 Supervised By :Mahesh Dadoda 04/08/2025

Quant Time: Apr 05 01:58:44 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

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

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

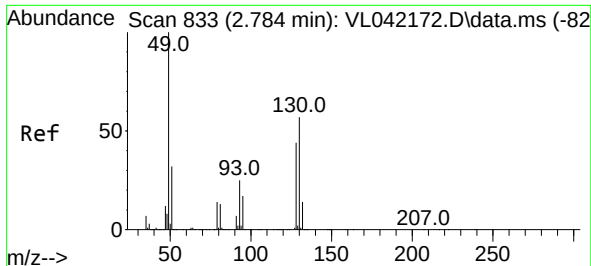
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	248725	8.677	ppbv	98
47) 1,1,2-Trichloroethane	6.590	97	188954	9.533	ppbv	96
48) Dibromochloromethane	7.396	129	338657	10.081	ppbv	100
49) Bromoform	9.490	173	291660	9.671	ppbv	100
50) 4-Methyl-2-Pentanone	5.761	43	485587	8.136	ppbv	98
51) 2-Hexanone	7.448	43	393233	8.024	ppbv #	96
52) Tetrachloroethene	8.231	164	170524	8.351	ppbv	94
53) Toluene	6.939	91	548226	8.982	ppbv	99
54) 1,2-Dibromoethane	7.661	107	262312	9.493	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.930	131	265488	10.373	ppbv	97
57) Chlorobenzene	8.927	112	435637	9.878	ppbv	97
58) Ethyl Benzene	9.360	91	787508	9.535	ppbv	100
59) m/p-Xylene	9.558	91	1320455m	20.022	ppbv	
60) o-Xylene	9.969	91	648429	9.808	ppbv	96
61) Styrene	9.875	104	307359	9.397	ppbv	99
62) Isopropylbenzene	10.545	105	991027	10.024	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	404850	10.079	ppbv	100
64) n-propylbenzene	10.995	120	263771	10.364	ppbv	96
65) tert-Butylbenzene	11.535	119	904984	9.898	ppbv	98
66) Benzyl Chloride	11.620	91	71677	7.388	ppbv	97
67) sec-Butylbenzene	11.772	105	1272047	10.009	ppbv	99
69) p-Isopropyltoluene	11.930	119	1096744	10.022	ppbv	99
70) n-Butylbenzene	12.283	91	1129301	10.090	ppbv	99
71) 2-Chlorotoluene	10.908	91	769367	10.027	ppbv	100
72) 4-Ethyltoluene	11.131	105	835598	10.151	ppbv	100
73) 1,3,5-Trimethylbenzene	11.209	105	724375	10.076	ppbv	98
74) 1,2,4-Trimethylbenzene	11.542	105	804419	9.712	ppbv	96
75) 1,3-Dichlorobenzene	11.613	146	469384	10.333	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	467820	10.348	ppbv	100
77) 1,2-Dichlorobenzene	11.950	146	460424	10.410	ppbv	99
78) Hexachloro-1,3-Butadiene	13.885	225	386022	8.574	ppbv	100
79) Naphthalene	13.516	128	931920	10.287	ppbv	99
80) Naphthalene,2-methyl-	14.461	142	470633	10.593	ppbv	99
81) 1,2,4-Trichlorobenzene	13.445	180	416845	9.975	ppbv	100

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

Manual Integrations APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration





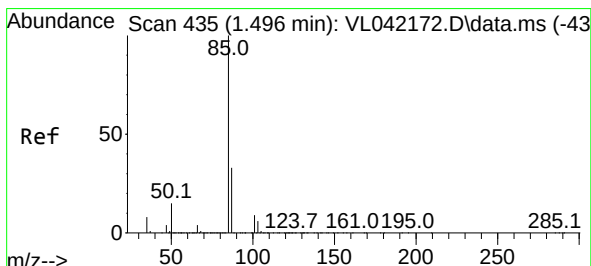
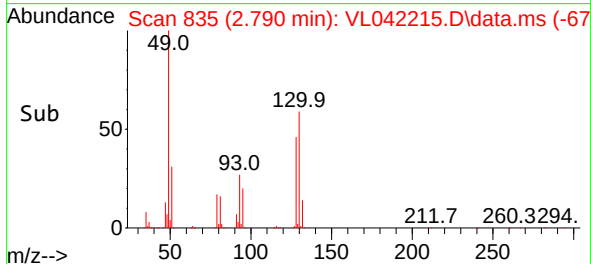
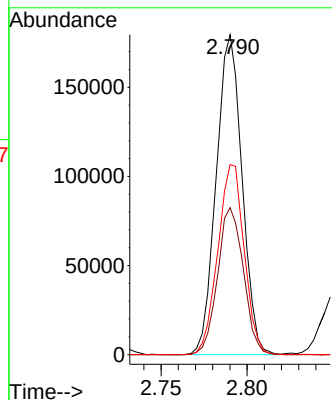
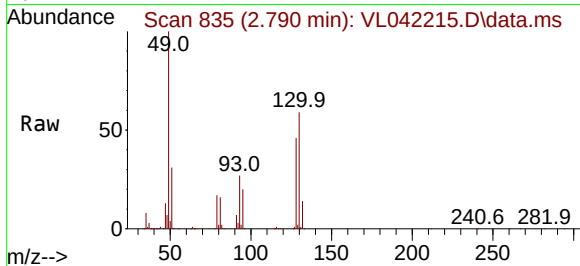
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 187369
Ion Ratio Lower Upper
49 100
128 45.9 22.9 68.5
130 60.7 28.8 86.4

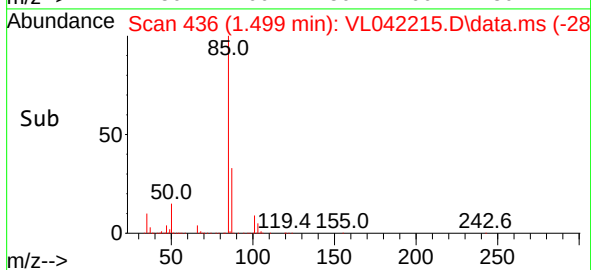
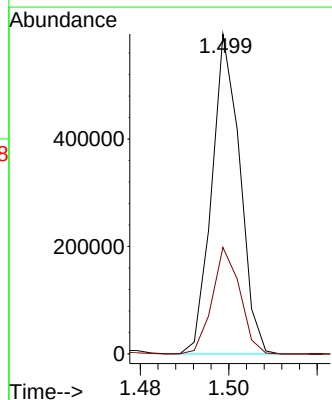
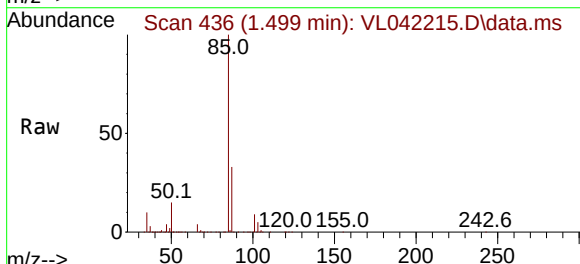
Manual Integrations
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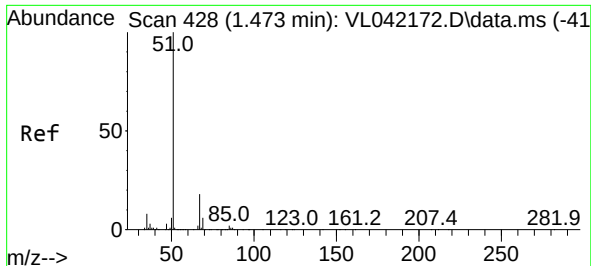
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#2
Dichlorodifluoromethane
Concen: 9.517 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Tgt Ion: 85 Resp: 263276
Ion Ratio Lower Upper
85 100
87 33.3 26.1 39.1





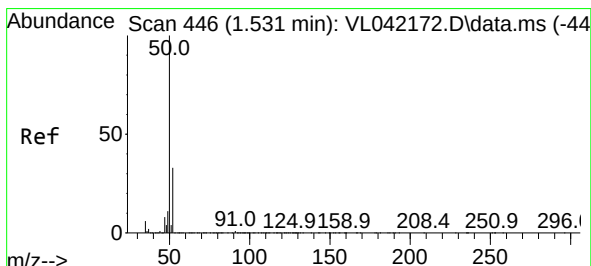
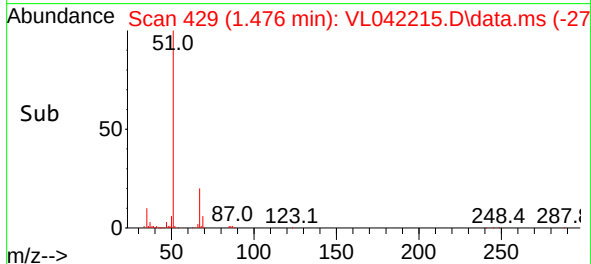
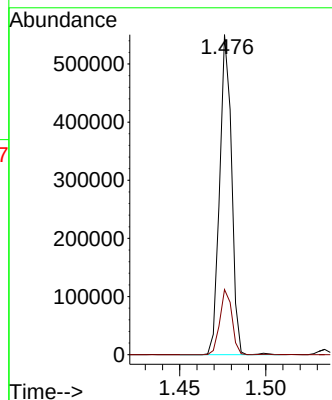
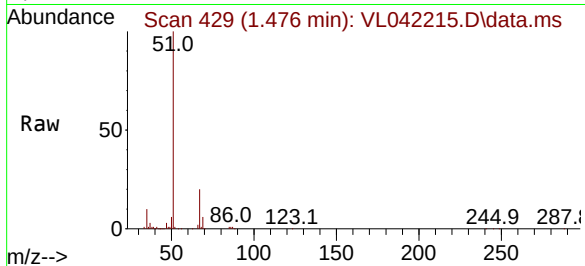
#3
Chlorodifluoromethane
Concen: 9.363 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 26462
Ion Ratio Lower Upper
51 100
67 20.8 15.0 22.6

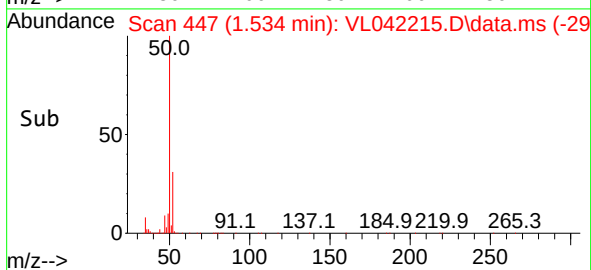
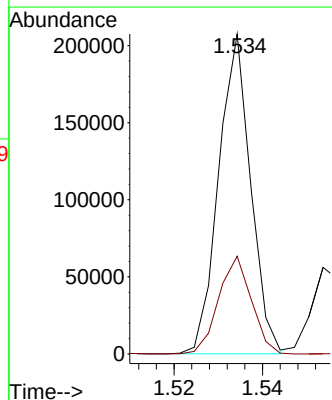
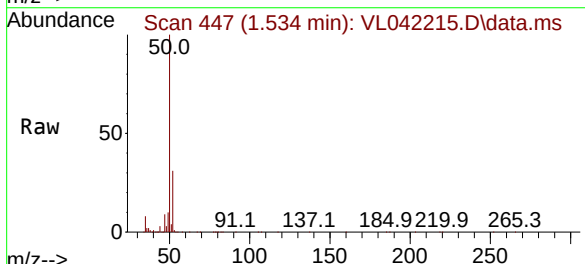
Manual Integrations
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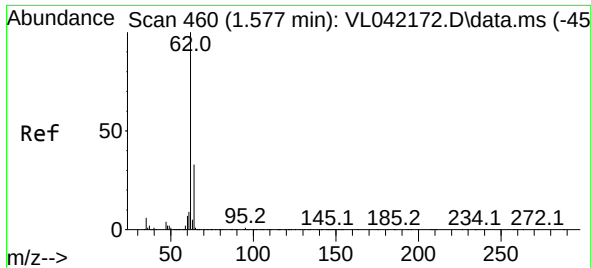
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#4
Chloromethane
Concen: 9.209 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Tgt Ion: 50 Resp: 104117
Ion Ratio Lower Upper
50 100
52 30.6 26.1 39.1





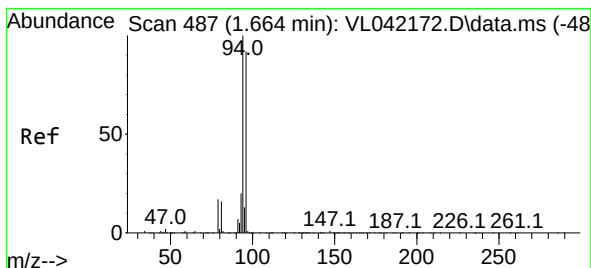
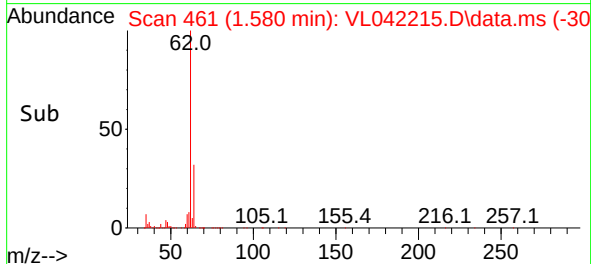
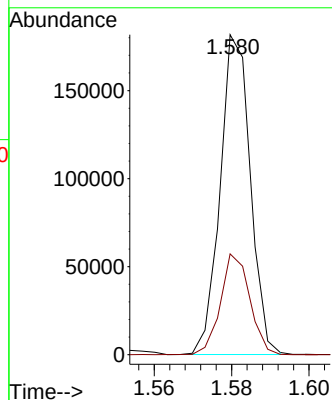
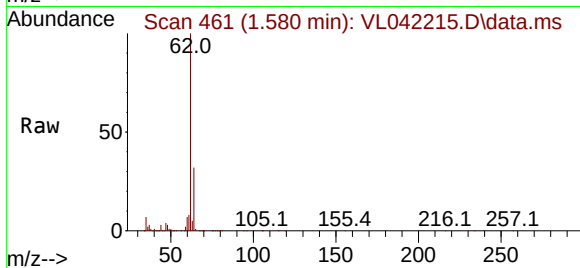
#5
 Vinyl Chloride
 Concen: 8.209 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042215.D
 Acq: 04 Apr 2025 08:58

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 98352
 Ion Ratio Lower Upper
 62 100
 64 31.5 26.6 40.0

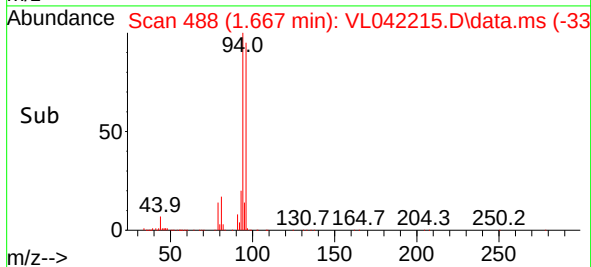
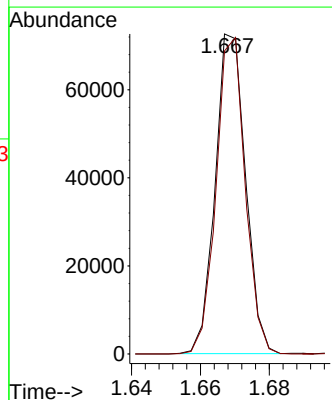
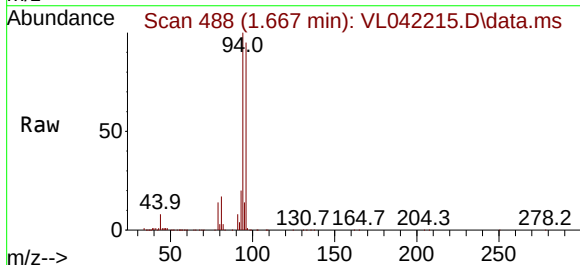
Manual Integrations
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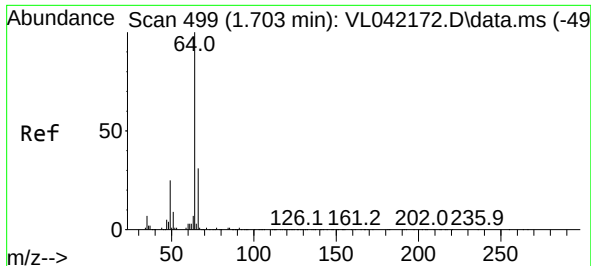
Reviewed By :Semsettin Yesilyurt 04/07/2025
 Supervised By :Mahesh Dadoda 04/08/2025



#6
 Bromomethane
 Concen: 8.685 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.003 min
 Lab File: VL042215.D
 Acq: 04 Apr 2025 08:58

Tgt Ion: 94 Resp: 44500
 Ion Ratio Lower Upper
 94 100
 96 94.7 73.1 109.7





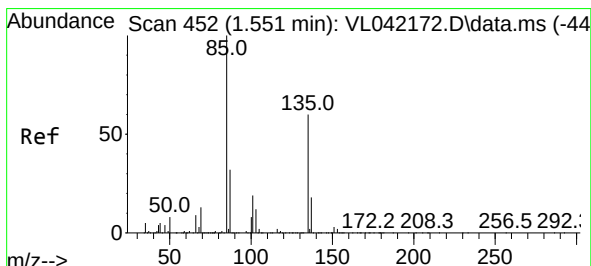
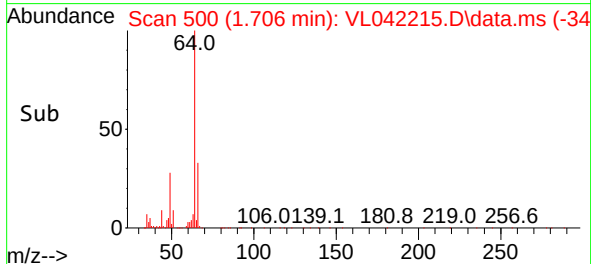
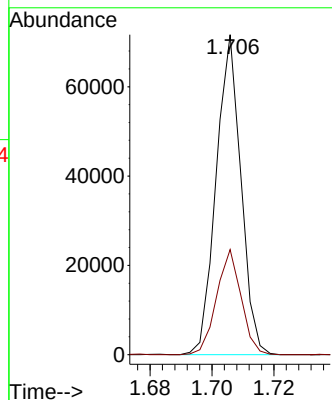
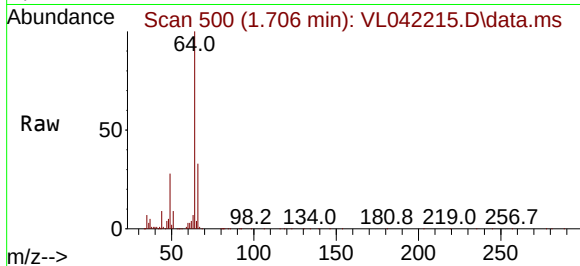
#7
Chloroethane
Concen: 8.771 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 39804
Ion Ratio Lower Upper
64 100
66 32.8 25.2 37.8

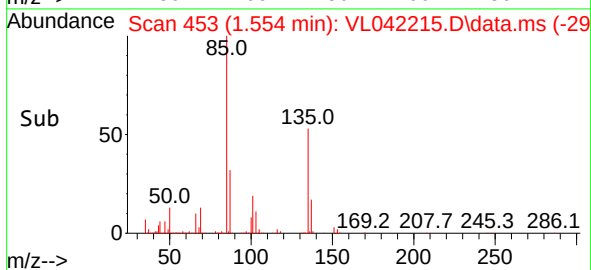
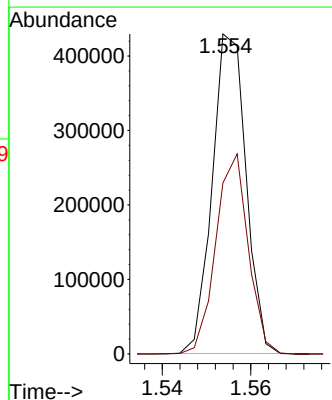
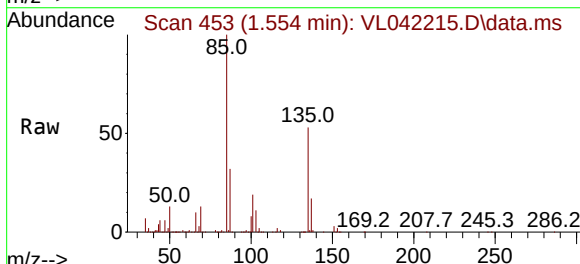
Manual Integrations
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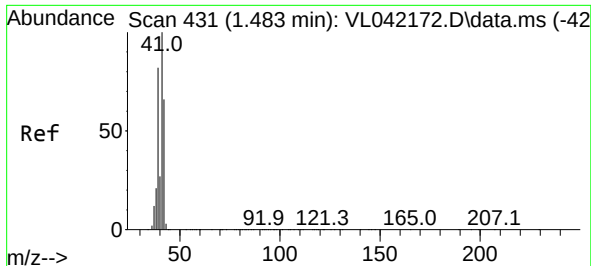
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#8
Dichlorotetrafluoroethane
Concen: 9.663 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Tgt Ion: 85 Resp: 227648
Ion Ratio Lower Upper
85 100
135 60.0 52.4 78.6





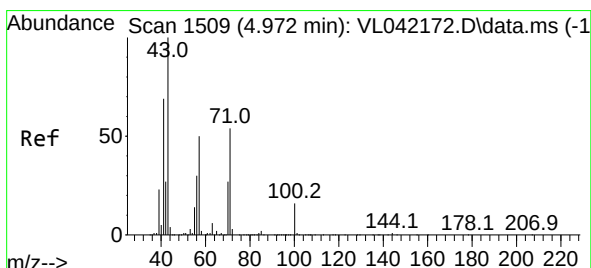
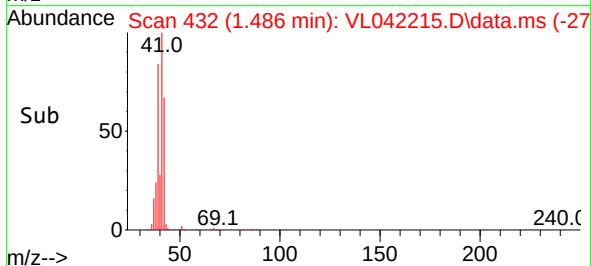
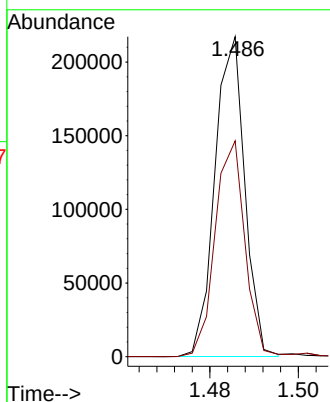
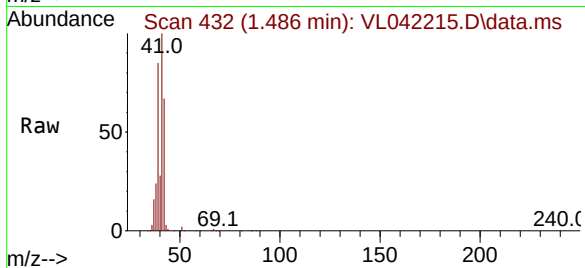
#9
Propene
Concen: 7.871 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 10195
Ion Ratio Lower Upper
41 100
42 68.6 55.4 83.2

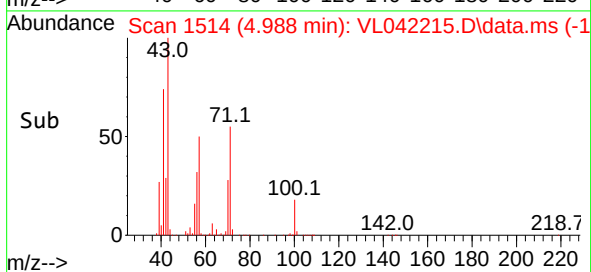
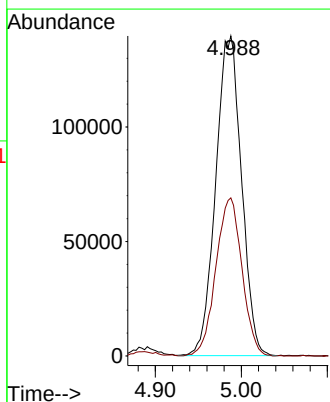
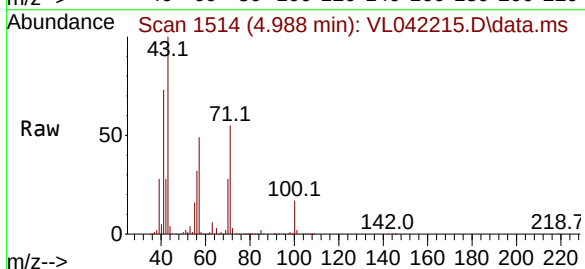
Manual Integrations
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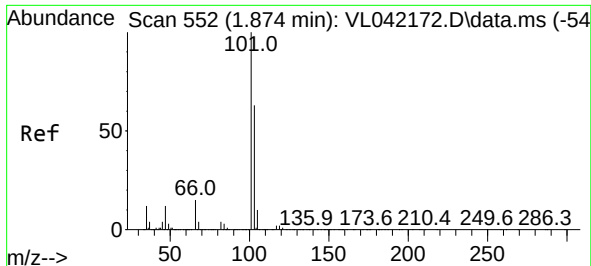
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#10
Heptane
Concen: 8.439 ppbv
RT: 4.988 min Scan# 1514
Delta R.T. 0.016 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Tgt Ion: 43 Resp: 290775
Ion Ratio Lower Upper
43 100
57 50.0 39.4 59.2





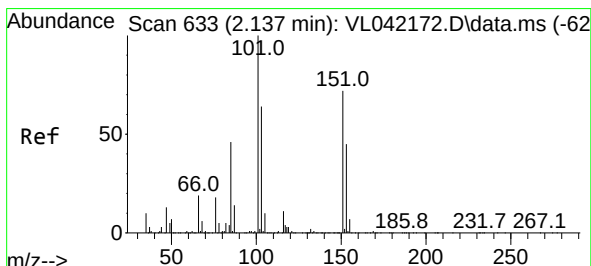
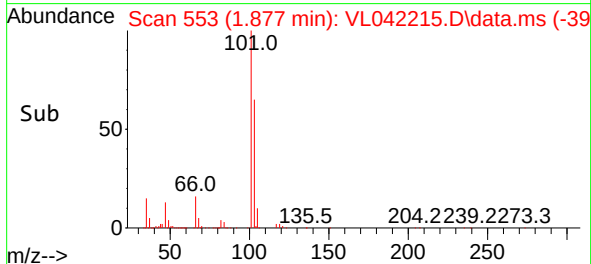
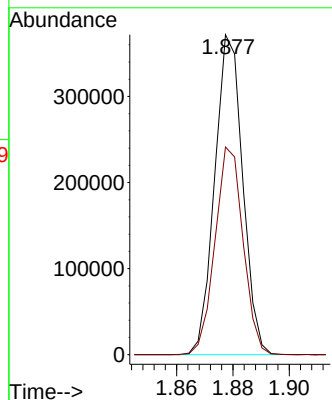
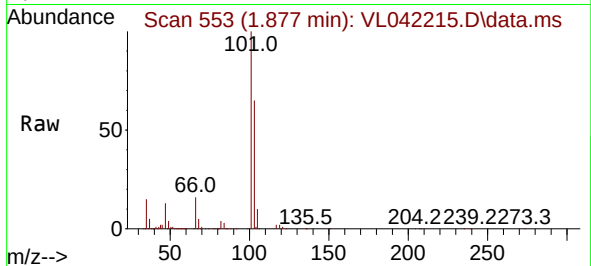
#11
Trichlorofluoromethane
Concen: 9.520 ppbv
RT: 1.877 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 256260
Ion Ratio Lower Upper
101 100
103 64.8 50.2 75.2

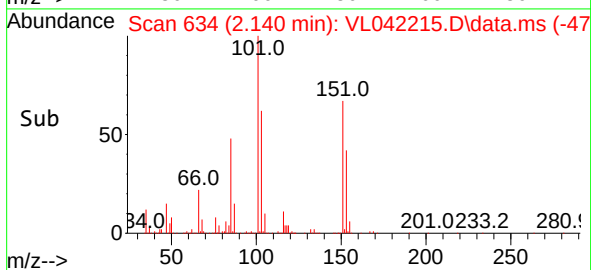
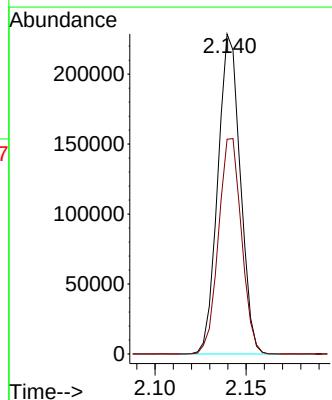
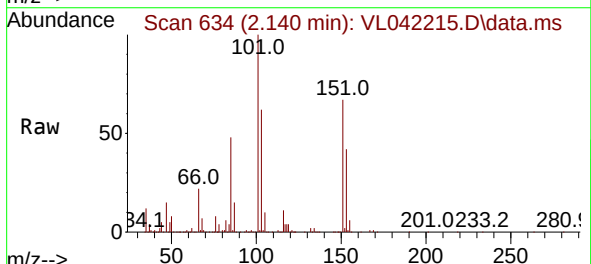
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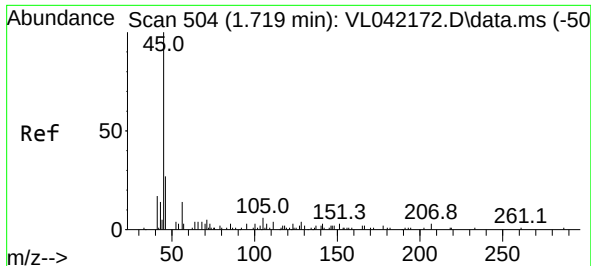
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.826 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Tgt Ion:101 Resp: 195280
Ion Ratio Lower Upper
101 100
151 69.2 57.1 85.7





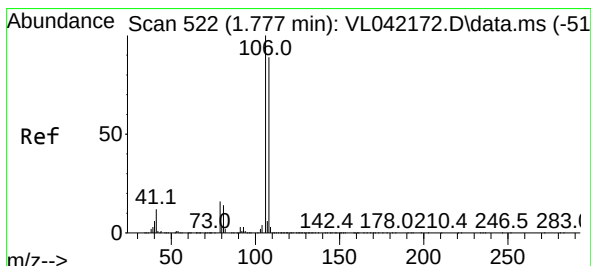
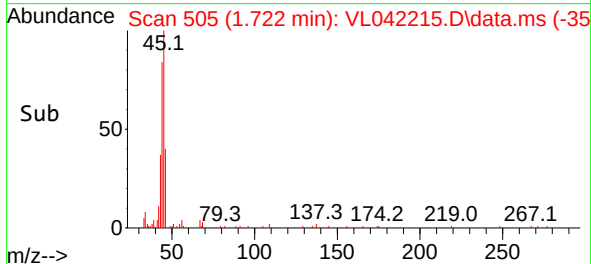
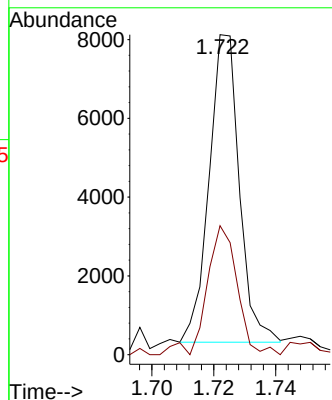
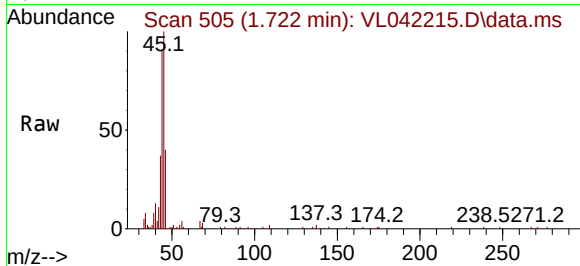
#13
Ethanol
Concen: 4.324 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 529
Ion Ratio Lower Upper
45 100
46 49.6 20.2 80.8

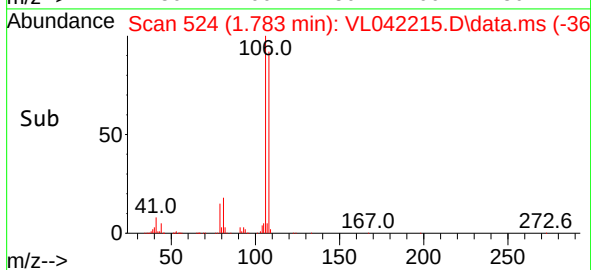
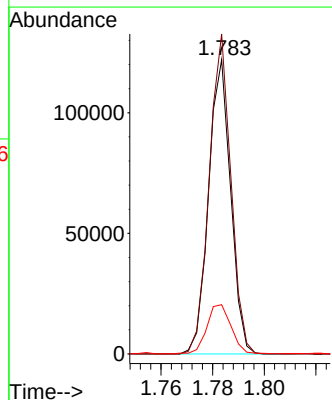
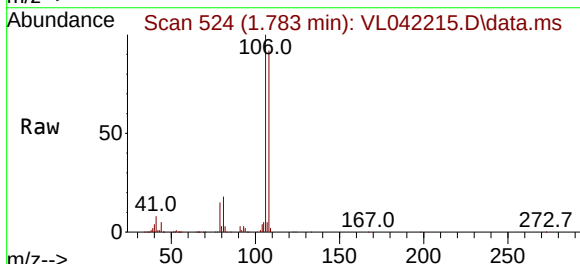
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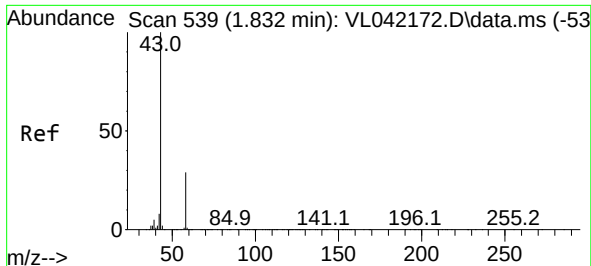
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#14
Bromoethene
Concen: 8.536 ppbv
RT: 1.783 min Scan# 524
Delta R.T. 0.006 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Tgt Ion:108 Resp: 72355
Ion Ratio Lower Upper
108 100
106 106.7 86.8 130.2
79 19.5 15.0 22.6





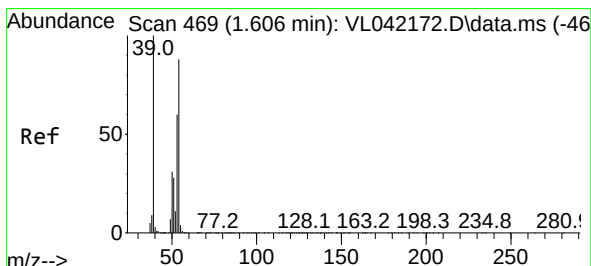
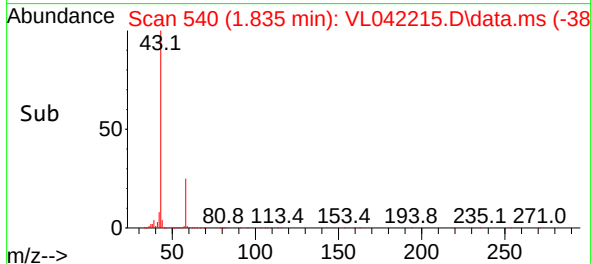
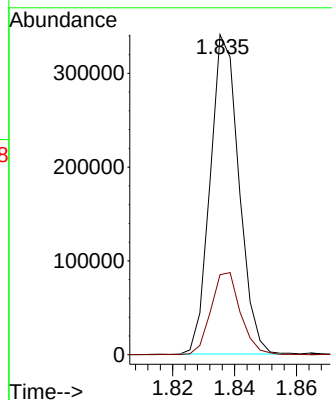
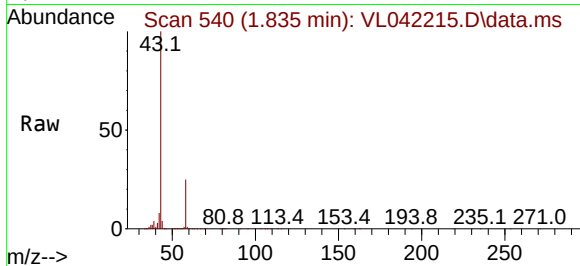
#15
Acetone
Concen: 8.381 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 21962
Ion Ratio Lower Upper
43 100
58 26.7 23.2 34.8

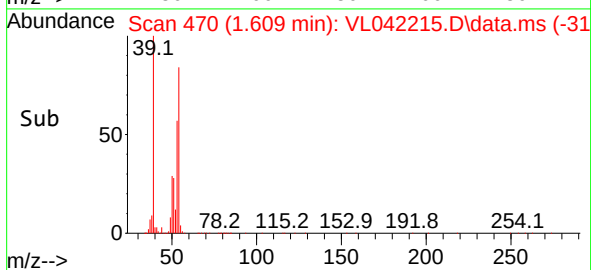
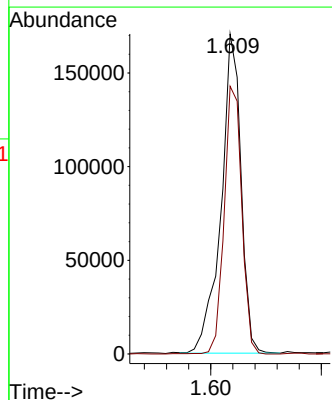
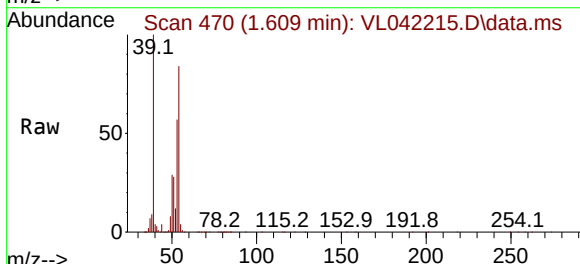
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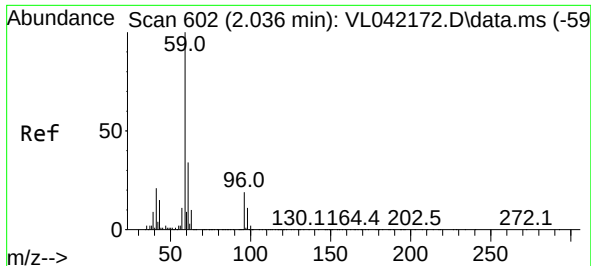
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#16
1,3-Butadiene
Concen: 8.351 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Tgt Ion: 39 Resp: 106868
Ion Ratio Lower Upper
39 100
54 74.1 60.7 91.1





#17

tert-Butyl alcohol

Concen: 8.107 ppbv

RT: 2.042 min Scan# 604

Delta R.T. 0.006 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 26458

Ion Ratio Lower Upper

59 100

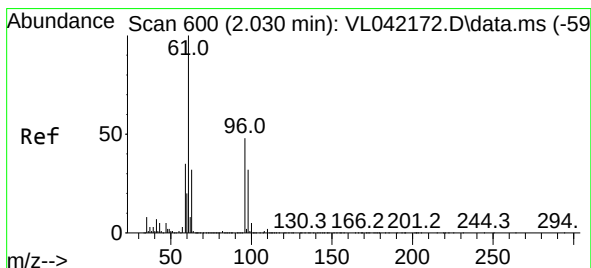
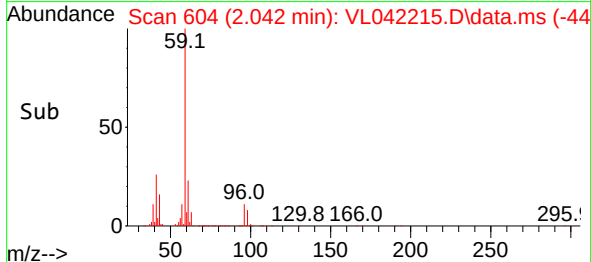
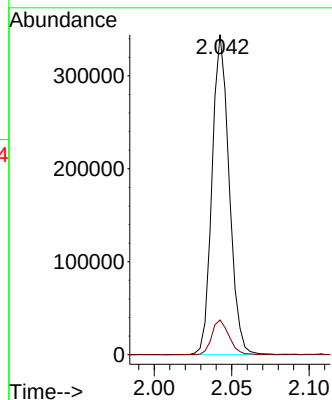
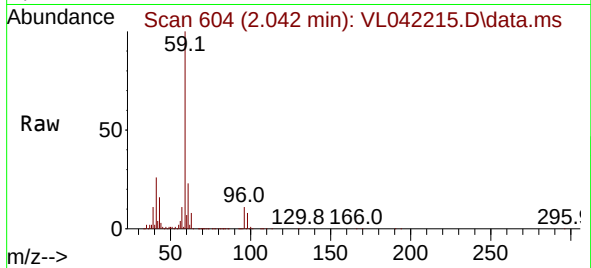
57 11.1 8.9 13.3

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Reviewed By :Semsettin Yesilyurt 04/07/2025

Supervised By :Mahesh Dadoda 04/08/2025



#18

1,1-Dichloroethene

Concen: 8.501 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.006 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

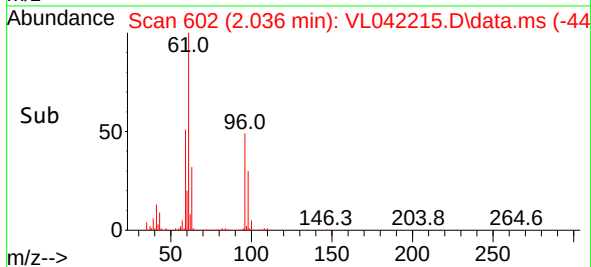
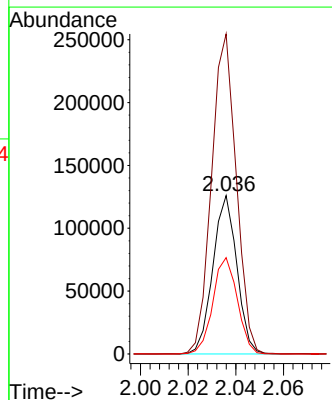
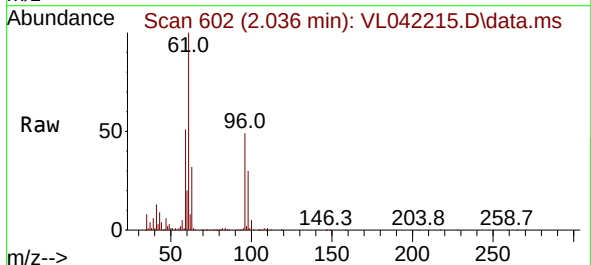
Tgt Ion: 96 Resp: 87932

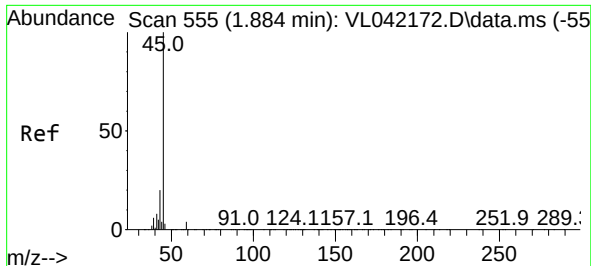
Ion Ratio Lower Upper

96 100

61 202.1 167.6 251.4

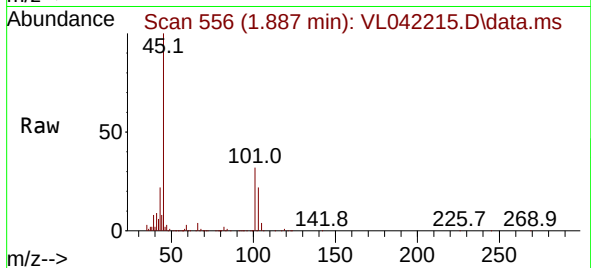
98 60.8 53.5 80.3





#19
Isopropyl Alcohol
Concen: 8.381 ppbv
RT: 1.887 min Scan# 510
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

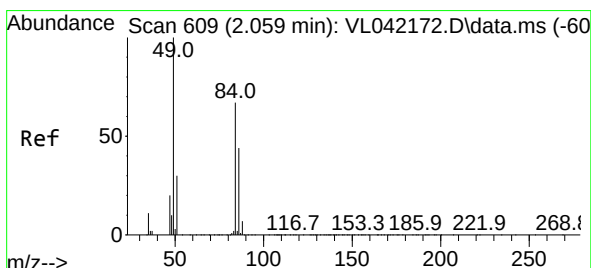
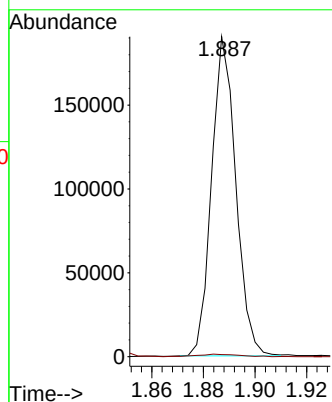
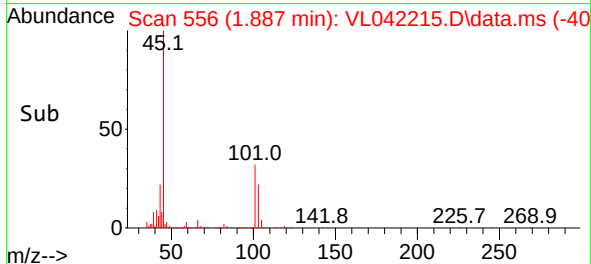
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



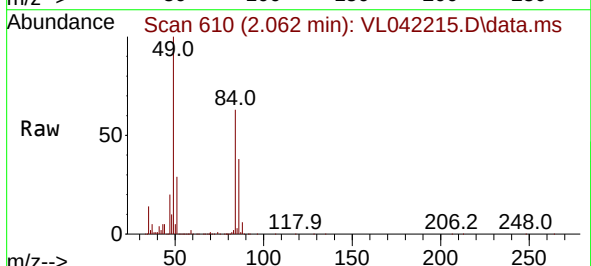
Tgt Ion: 45 Resp: 123909
Ion Ratio Lower Upper
45 100
58 47.2 36.9 55.3

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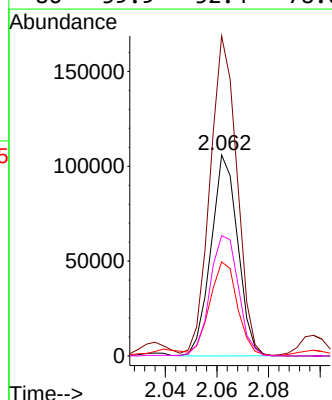
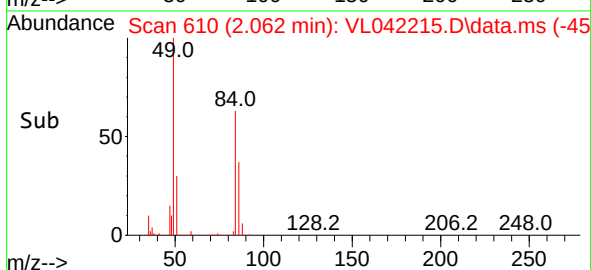
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025

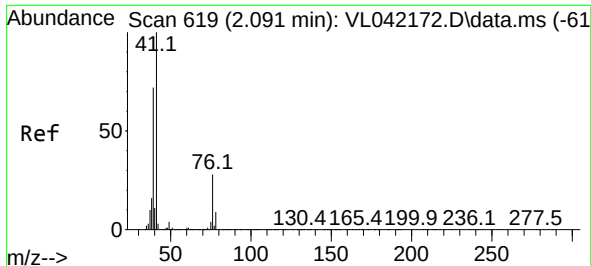


#20
Methylene Chloride
Concen: 7.815 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58



Tgt Ion: 84 Resp: 76274
Ion Ratio Lower Upper
84 100
49 158.7 120.2 180.4
51 46.6 37.4 56.0
86 59.9 52.4 78.6





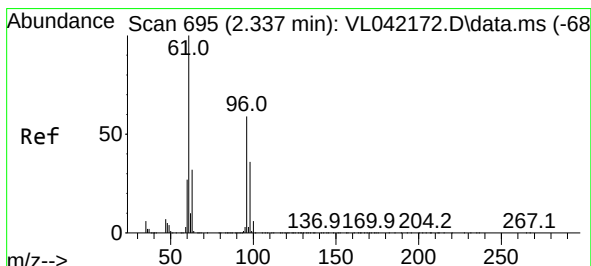
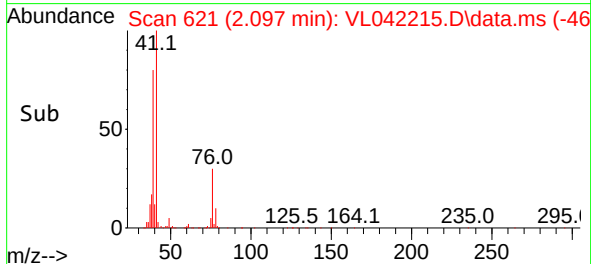
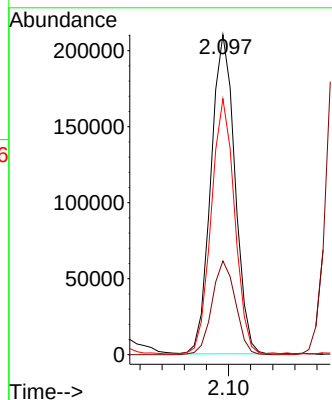
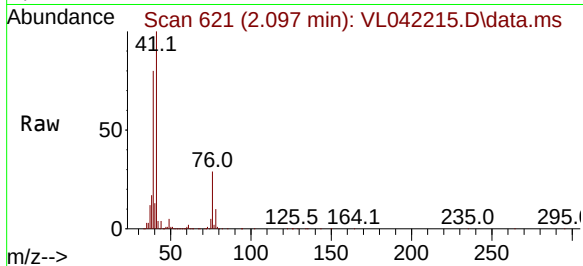
#21
 Allyl Chloride
 Concen: 8.555 ppbv
 RT: 2.097 min Scan# 619
 Delta R.T. 0.006 min
 Lab File: VL042215.D
 Acq: 04 Apr 2025 08:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 15810
 Ion Ratio Lower Upper
 41 100
 76 28.7 24.1 36.1
 39 77.8 61.1 91.7

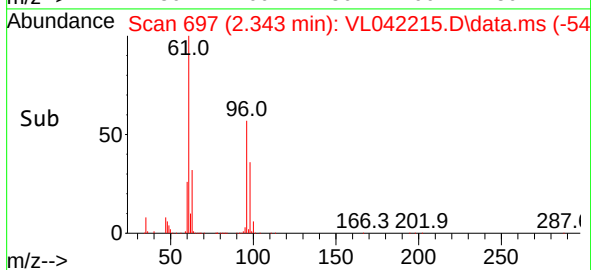
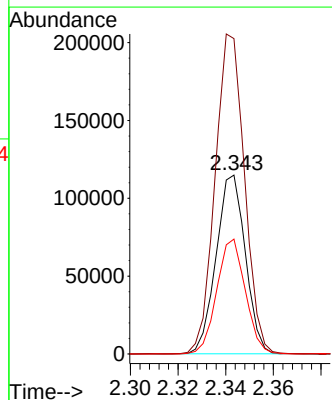
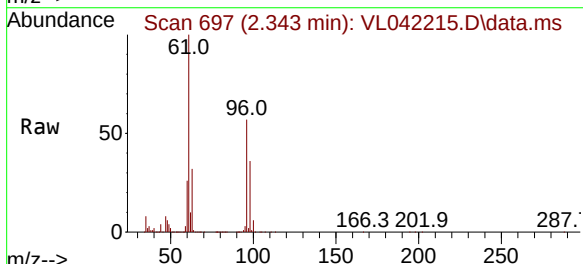
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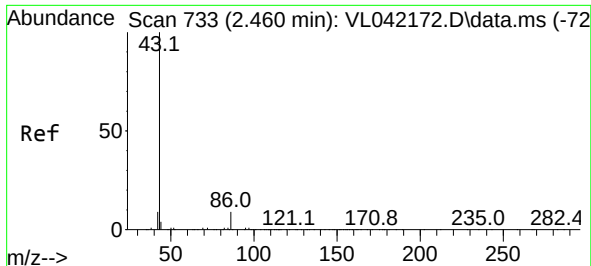
Reviewed By :Semsettin Yesilyurt 04/07/2025
 Supervised By :Mahesh Dadoda 04/08/2025



#22
 trans-1,2-Dichloroethene
 Concen: 8.175 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VL042215.D
 Acq: 04 Apr 2025 08:58

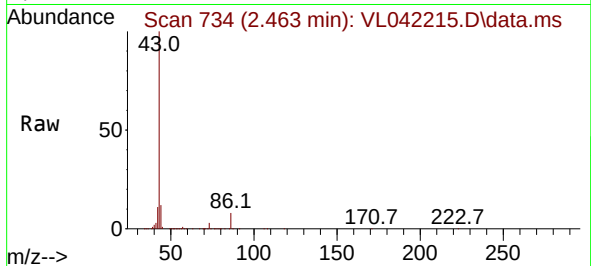
Tgt Ion: 96 Resp: 97729
 Ion Ratio Lower Upper
 96 100
 61 176.4 136.6 204.8
 98 64.3 49.4 74.2





#23
 Vinyl Acetate
 Concen: 7.219 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042215.D
 Acq: 04 Apr 2025 08:58

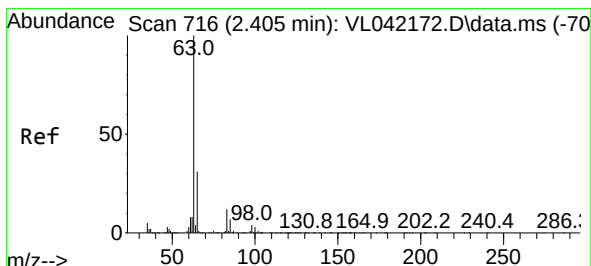
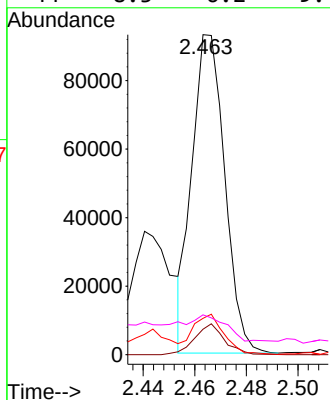
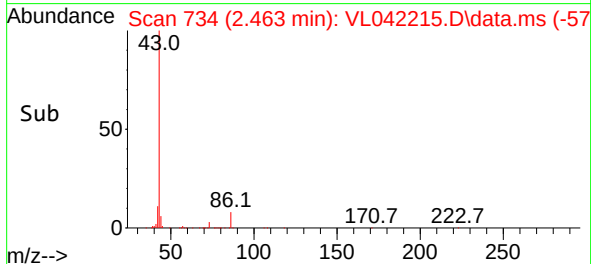
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



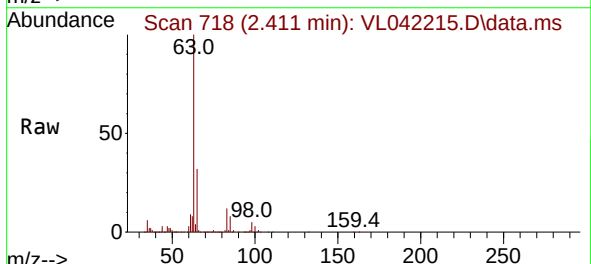
Tgt Ion: 43 Resp: 81872
 Ion Ratio Lower Upper
 43 100
 86 7.9 5.5 8.3
 42 10.8 8.6 13.0
 44 8.3 6.2 9.4

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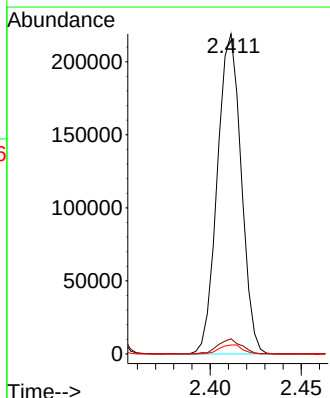
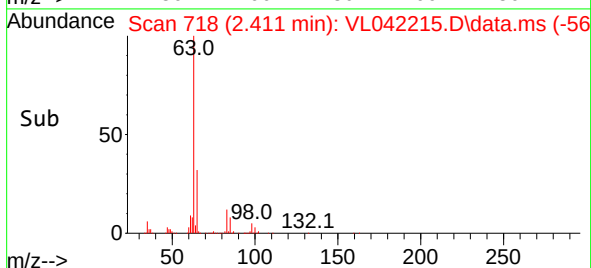
Reviewed By :Semsettin Yesilyurt 04/07/2025
 Supervised By :Mahesh Dadoda 04/08/2025

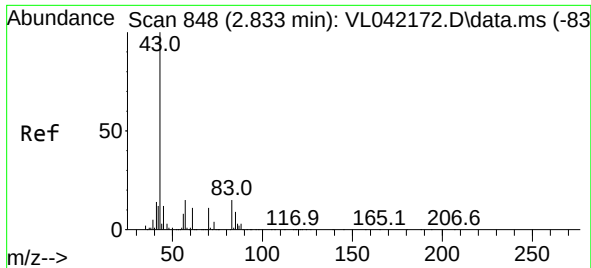


#24
 1,1-Dichloroethane
 Concen: 8.983 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL042215.D
 Acq: 04 Apr 2025 08:58



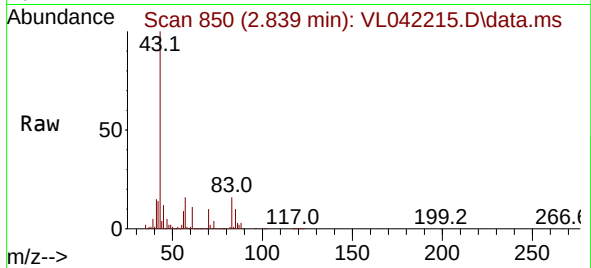
Tgt Ion: 63 Resp: 199075
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.3 6.8
 100 2.8 1.6 4.7





#25
Ethyl Acetate
Concen: 8.862 ppbv
RT: 2.839 min Scan# 848
Delta R.T. 0.006 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

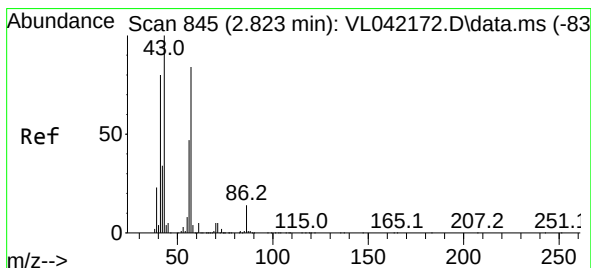
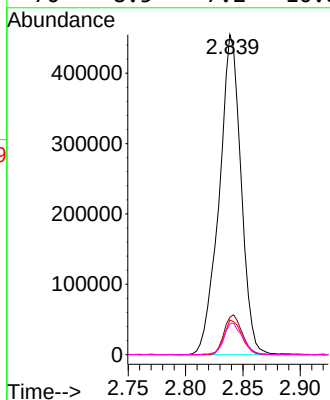
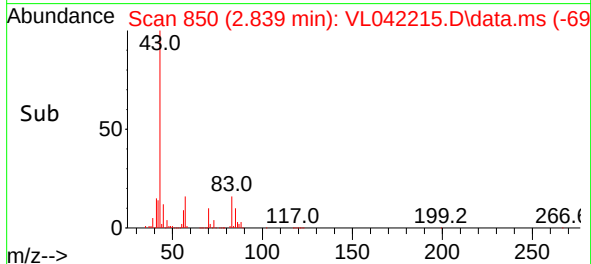
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



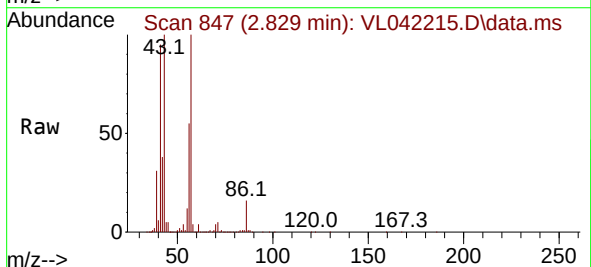
Tgt Ion: 43 Resp: 60273
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.2
61 8.8 7.3 10.9
70 8.5 7.2 10.8

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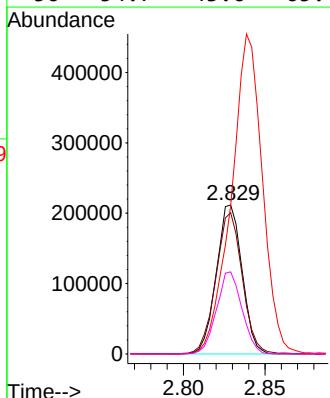
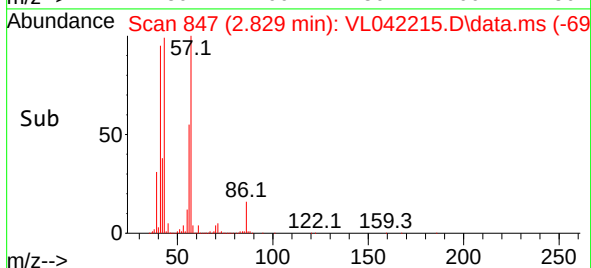
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025

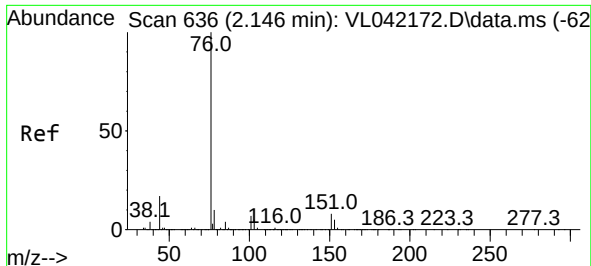


#26
Hexane
Concen: 8.821 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58



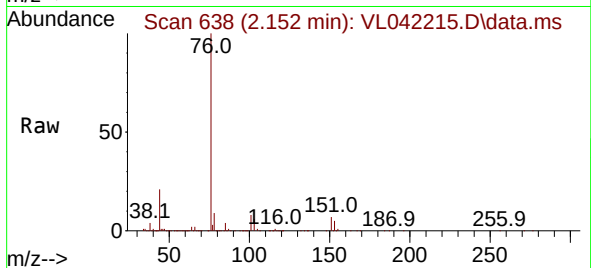
Tgt Ion: 57 Resp: 231730
Ion Ratio Lower Upper
57 100
41 97.5 76.6 114.8
43 261.3 207.8 311.8
56 54.7 43.6 65.4





#27
Carbon Disulfide
Concen: 8.670 ppbv
RT: 2.152 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

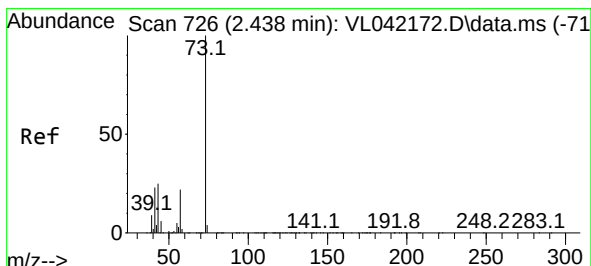
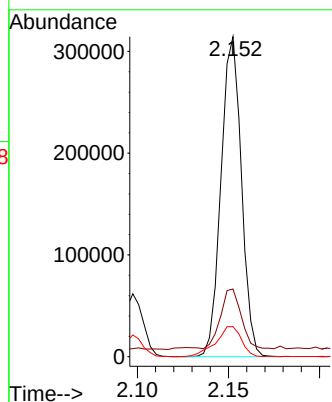
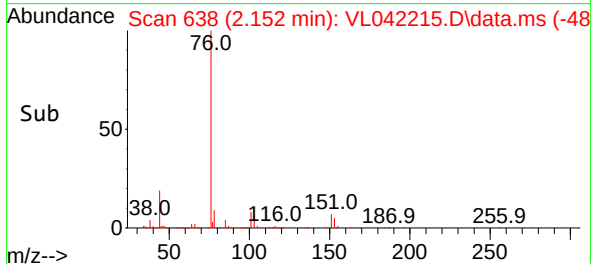
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010



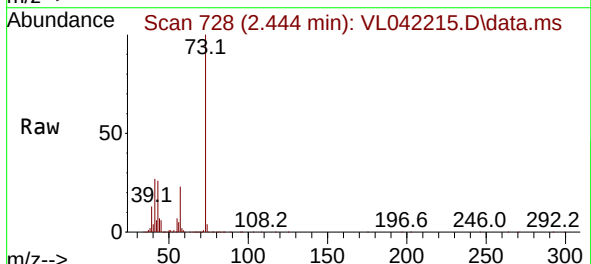
Tgt Ion: 76 Resp: 244240
Ion Ratio Lower Upper
76 100
44 21.1 14.7 22.1
78 11.9 9.3 13.9

Manual Integrations
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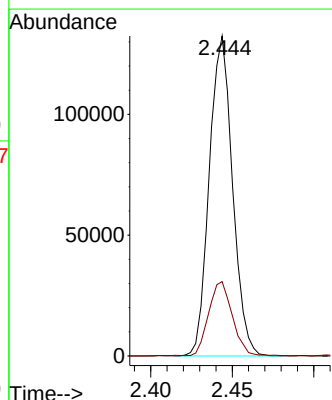
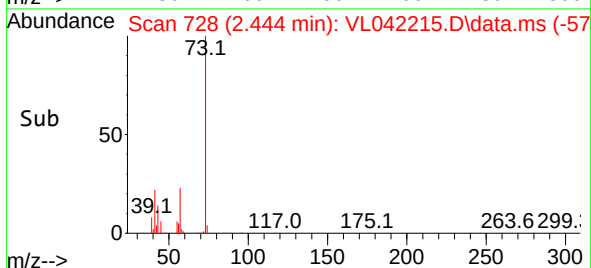
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025

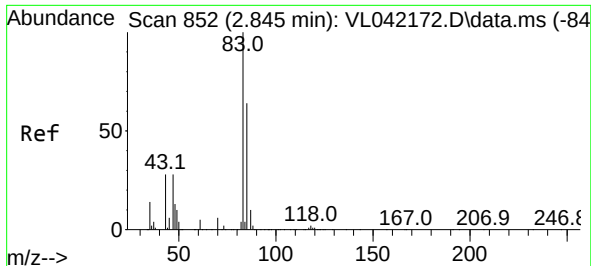


#28
Methyl tert-Butyl Ether
Concen: 8.018 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.006 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58



Tgt Ion: 73 Resp: 131136
Ion Ratio Lower Upper
73 100
57 24.0 20.5 30.7





#29

Chloroform

Concen: 9.849 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.006 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 378649

Ion Ratio Lower Upper

83 100

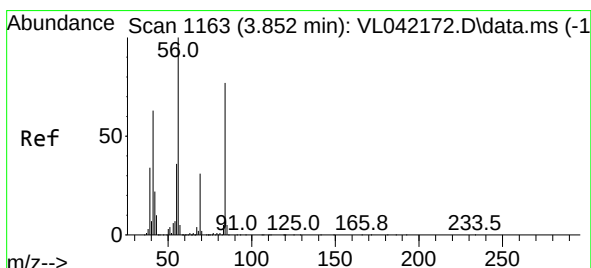
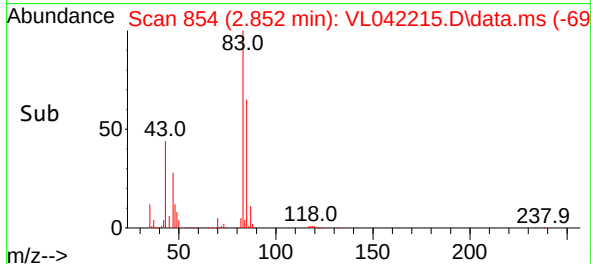
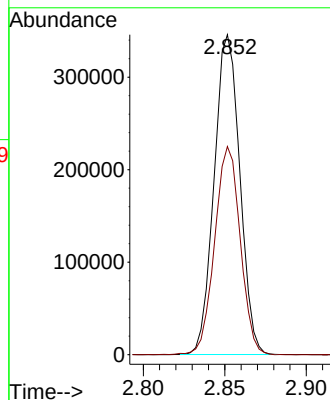
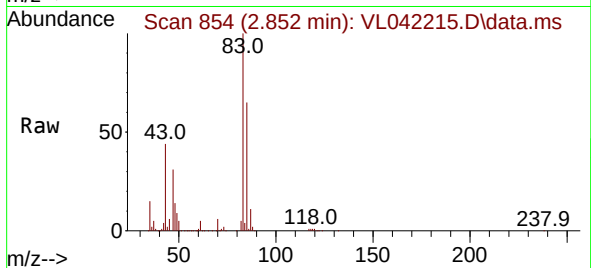
85 65.0 51.4 77.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/07/2025

Supervised By :Mahesh Dadoda 04/08/2025



#30

Cyclohexane

Concen: 8.604 ppbv

RT: 3.861 min Scan# 1166

Delta R.T. 0.009 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

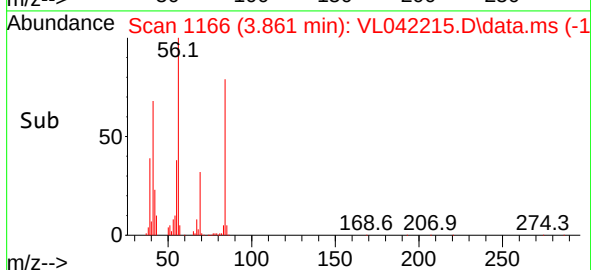
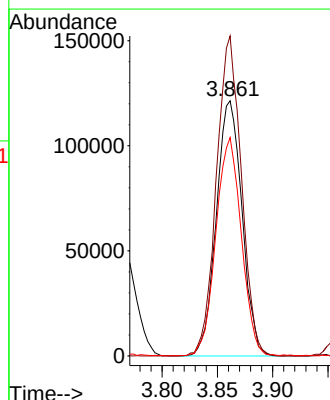
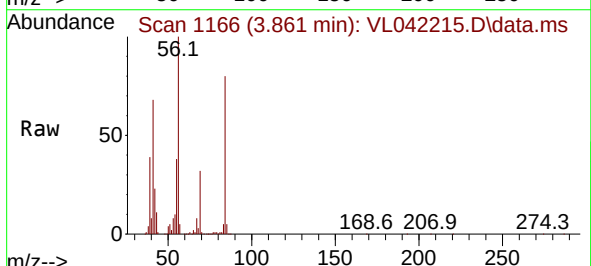
Tgt Ion: 84 Resp: 196271

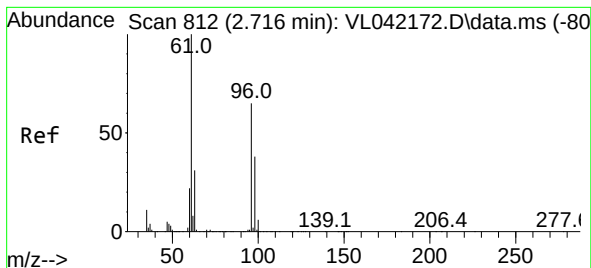
Ion Ratio Lower Upper

84 100

56 121.5 102.8 154.2

41 84.7 66.5 99.7





#31

cis-1,2-Dichloroethene

Concen: 9.129 ppbv

RT: 2.722 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 61 Resp: 24345

Ion Ratio Lower Upper

61 100

96 60.5 51.8 77.8

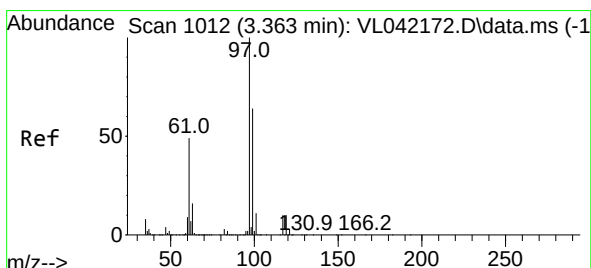
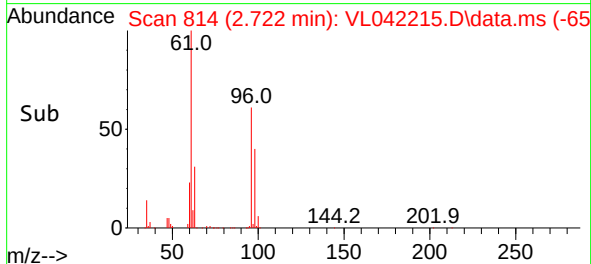
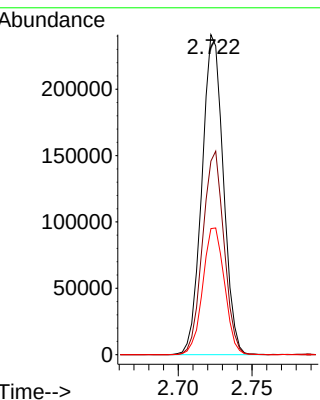
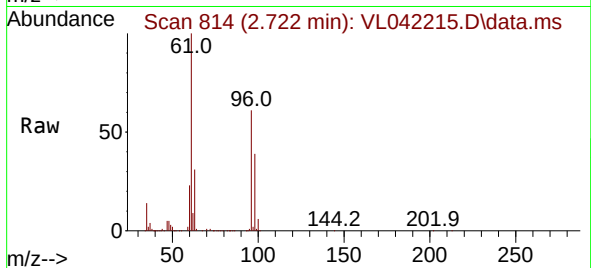
98 39.4 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2025

Supervised By :Mahesh Dadoda 04/08/2025



#32

1,1,1-Trichloroethane

Concen: 9.121 ppbv

RT: 3.373 min Scan# 1015

Delta R.T. 0.009 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

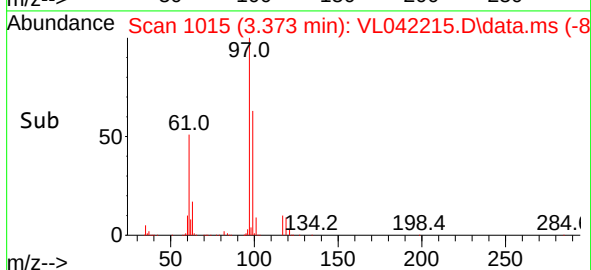
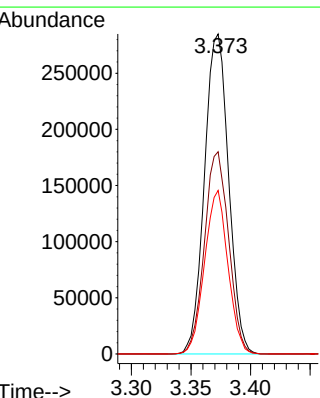
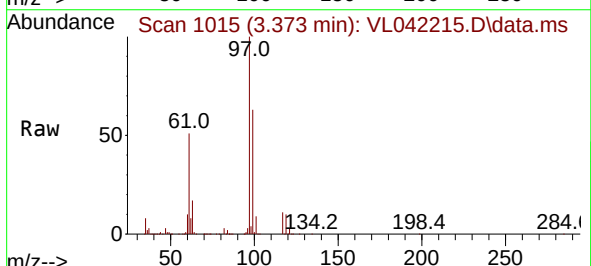
Tgt Ion: 97 Resp: 401472

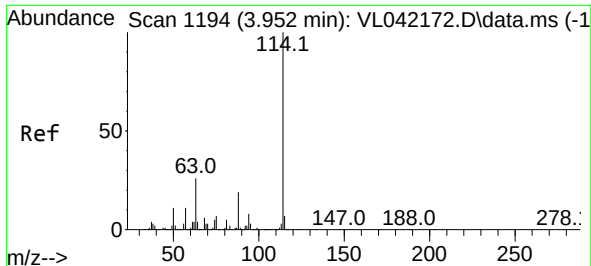
Ion Ratio Lower Upper

97 100

99 63.3 51.5 77.3

61 49.5 38.7 58.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1194

Delta R.T. 0.009 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

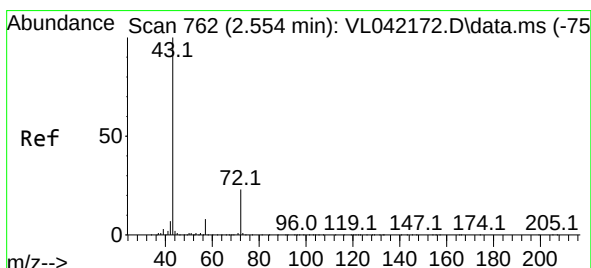
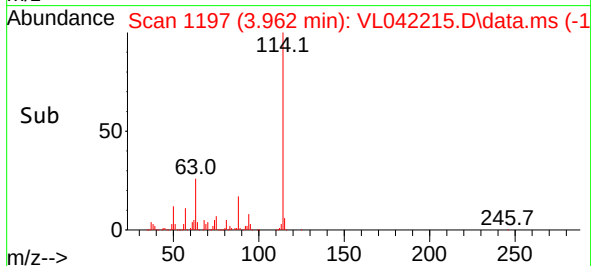
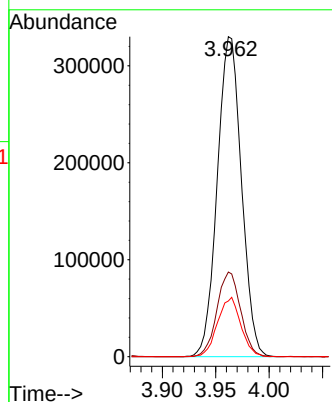
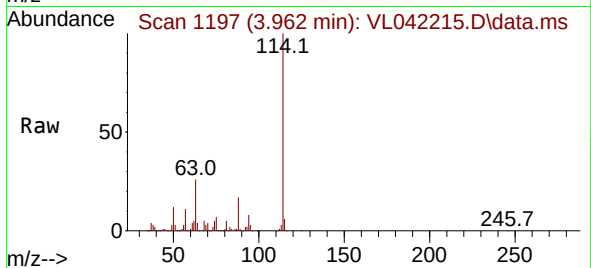
Tgt Ion:114 Resp: 51934

Ion	Ratio	Lower	Upper
114	100		
63	26.0	20.7	31.1
88	17.9	15.0	22.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#34

2-Butanone

Concen: 9.221 ppbv

RT: 2.560 min Scan# 764

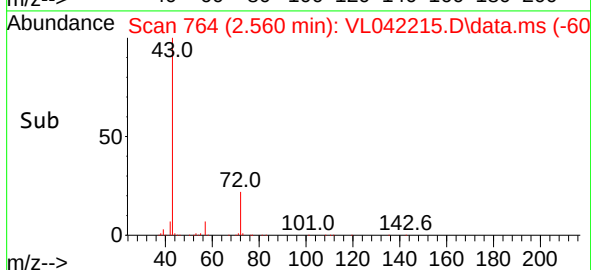
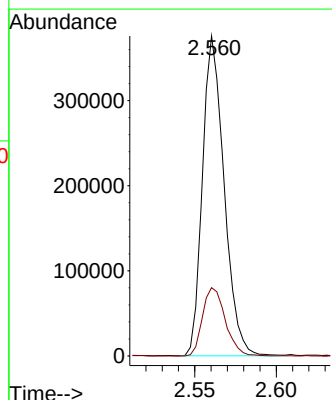
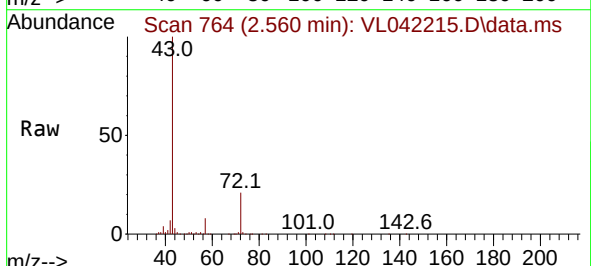
Delta R.T. 0.006 min

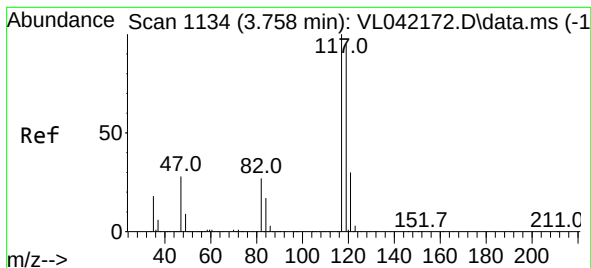
Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Tgt Ion: 43 Resp: 347241

Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.2	27.2





#35

Carbon Tetrachloride

Concen: 10.164 ppbv

RT: 3.764 min Scan# 1136

Delta R.T. 0.006 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 41236

Ion Ratio Lower Upper

117 100

119 92.6 76.2 114.2

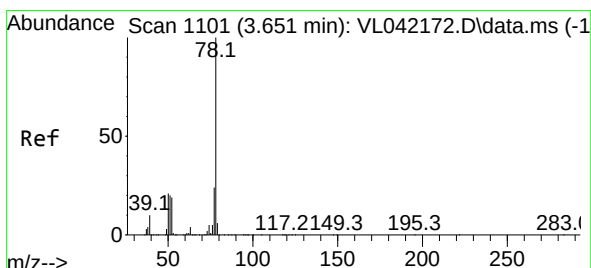
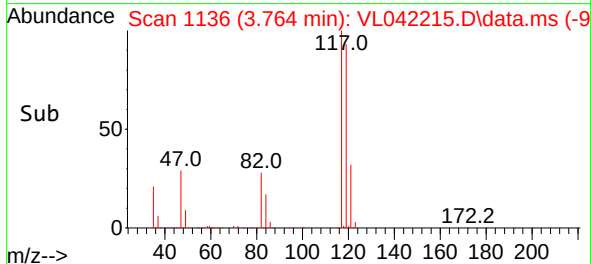
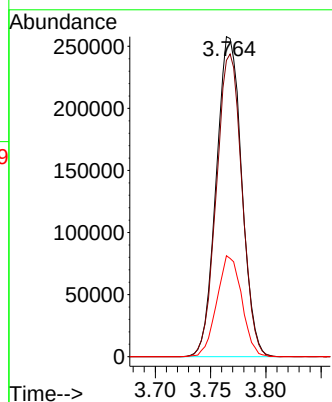
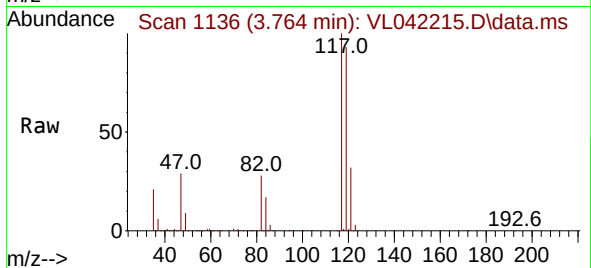
121 31.6 24.2 36.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/07/2025

Supervised By :Mahesh Dadoda 04/08/2025



#36

Benzene

Concen: 9.079 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.009 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

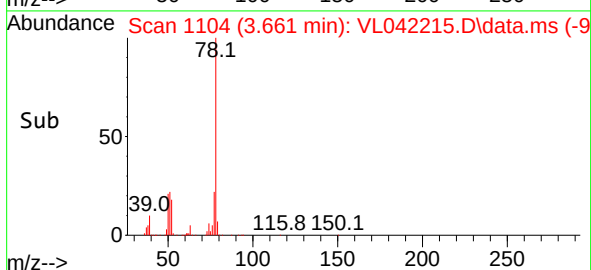
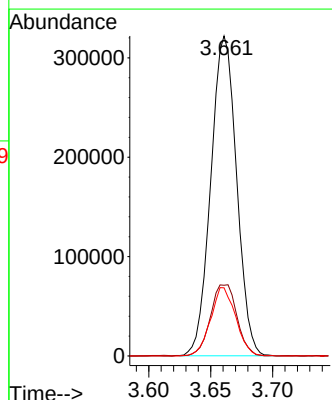
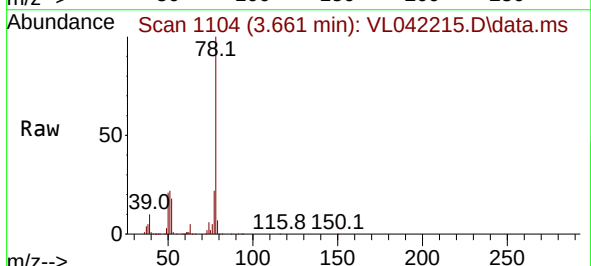
Tgt Ion: 78 Resp: 467443

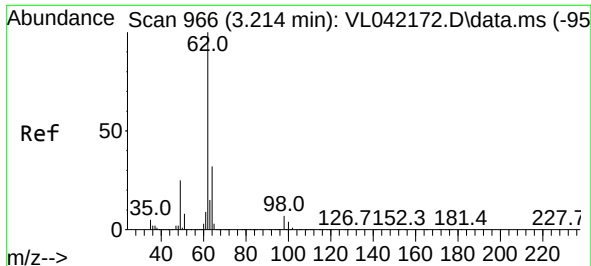
Ion Ratio Lower Upper

78 100

77 22.1 19.1 28.7

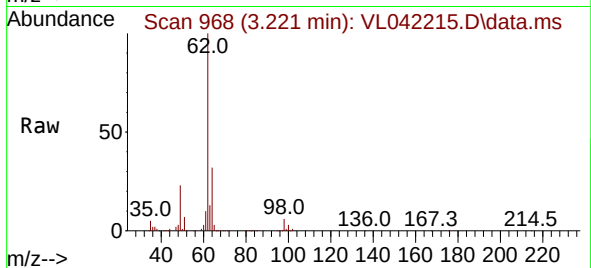
50 21.3 16.6 24.8





#37
1,2-Dichloroethane
Concen: 10.416 ppbv
RT: 3.221 min Scan# 90
Delta R.T. 0.006 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

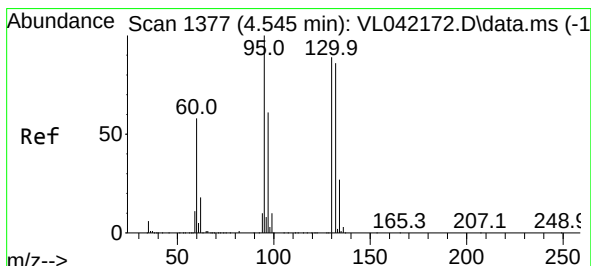
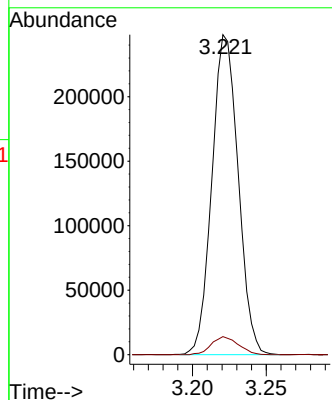
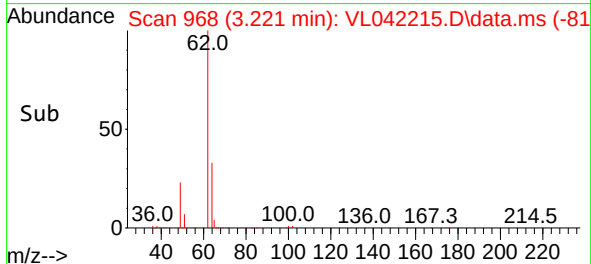
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 30703
Ion Ratio Lower Upper
62 100
98 5.8 5.4 8.2

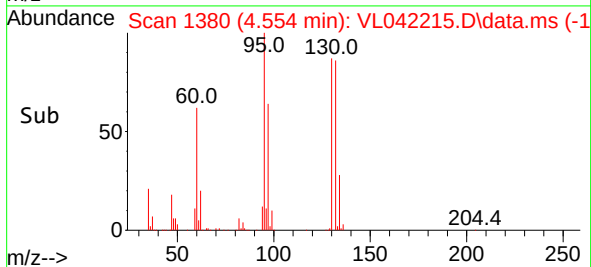
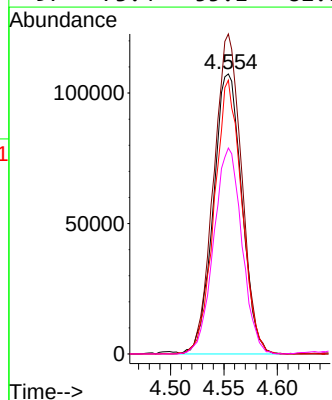
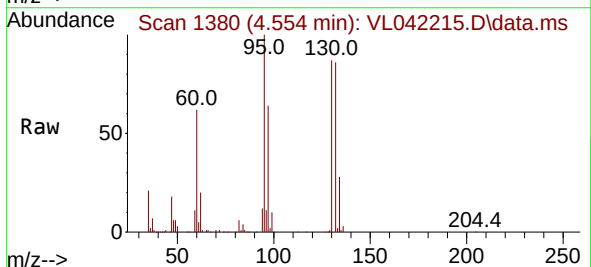
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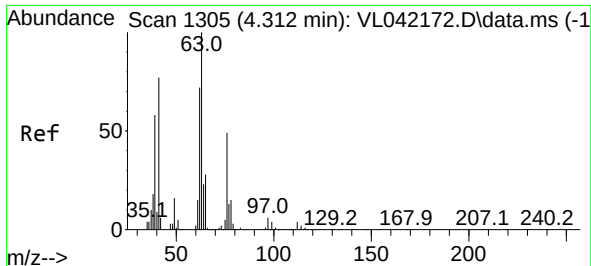
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#38
Trichloroethene
Concen: 9.284 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.009 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Tgt Ion:130 Resp: 199451
Ion Ratio Lower Upper
130 100
95 114.1 89.8 134.8
132 97.7 77.4 116.2
97 73.4 55.1 82.7





#39

1,2-Dichloropropane

Concen: 9.090 ppbv

RT: 4.318 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 170450

Ion Ratio Lower Upper

63 100

41 89.2 61.7 92.5

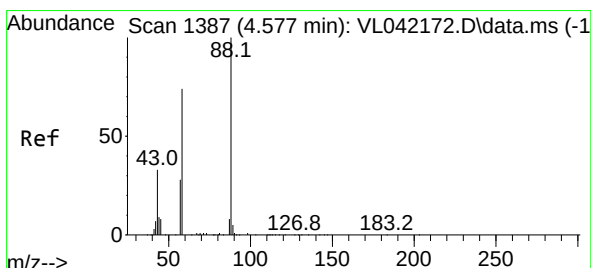
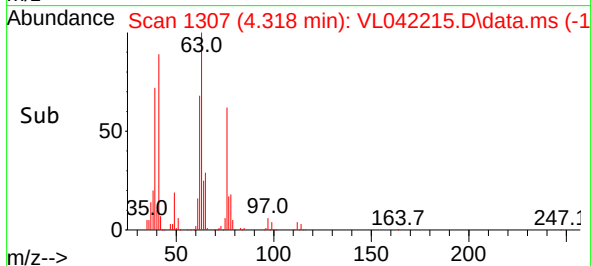
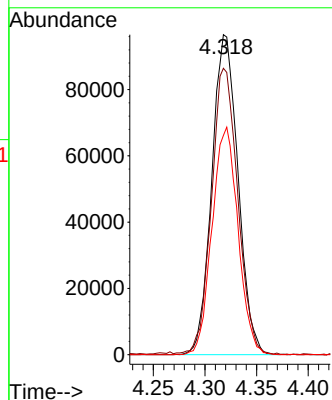
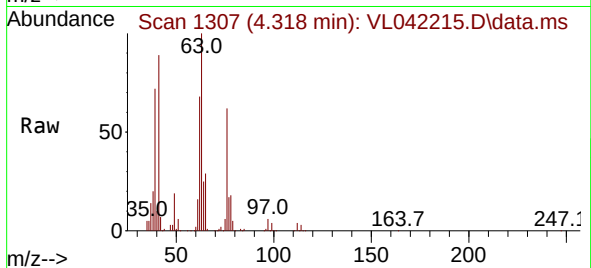
62 68.5 57.6 86.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/07/2025

Supervised By :Mahesh Dadoda 04/08/2025



#40

1,4-Dioxane

Concen: 8.160 ppbv

RT: 4.590 min Scan# 1391

Delta R.T. 0.013 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Tgt Ion: 88 Resp: 81209

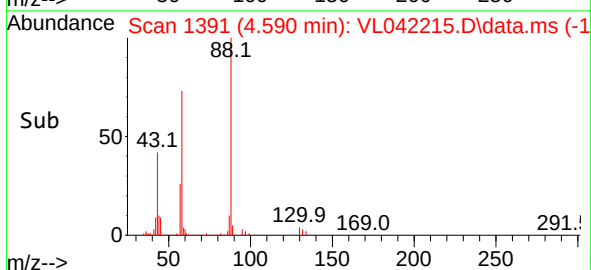
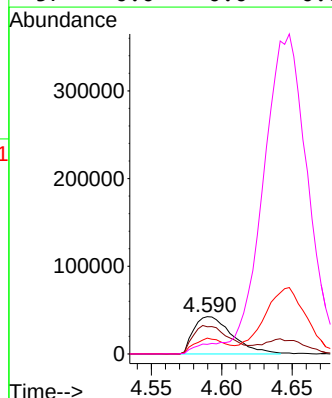
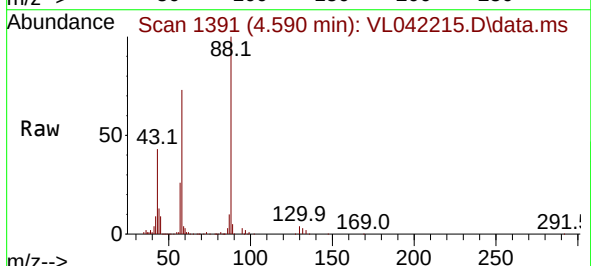
Ion Ratio Lower Upper

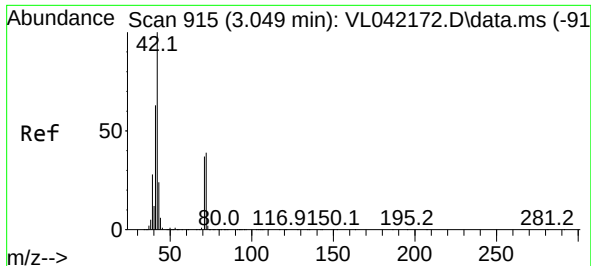
88 100

58 75.0 62.7 94.1

43 37.5 23.0 34.4#

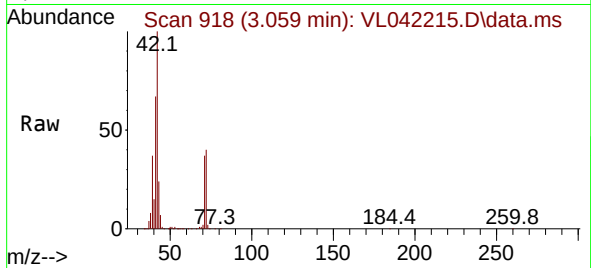
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 8.761 ppbv
RT: 3.059 min Scan# 915
Delta R.T. 0.009 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

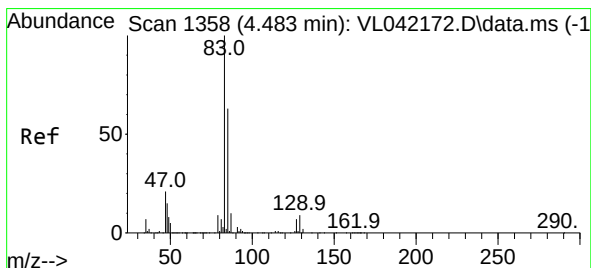
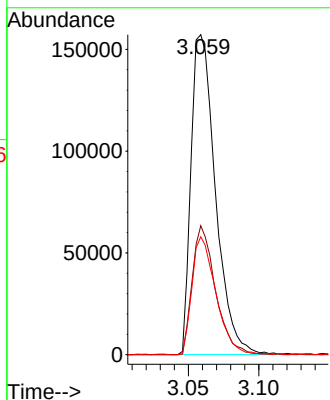
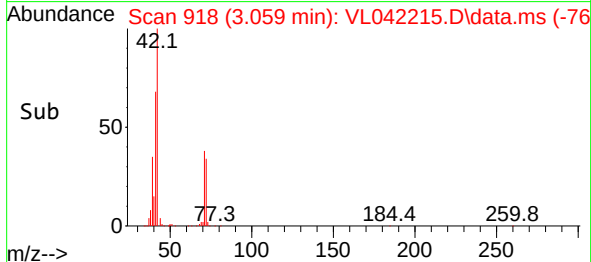
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



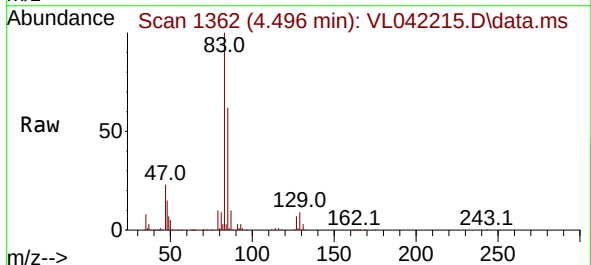
Tgt Ion: 42 Resp: 189995
Ion Ratio Lower Upper
42 100
72 38.4 31.4 47.0
71 36.0 30.2 45.4

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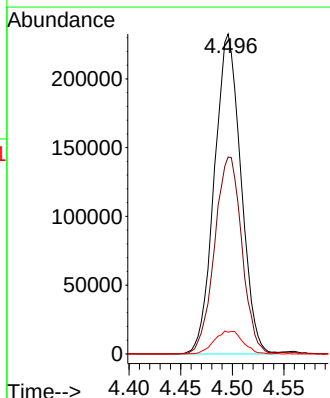
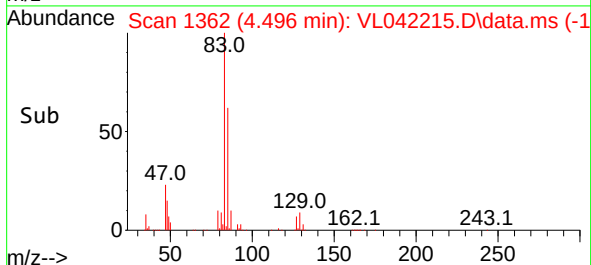
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025

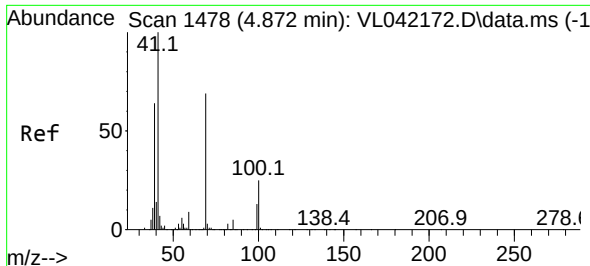


#42
Bromodichloromethane
Concen: 10.252 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.013 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58



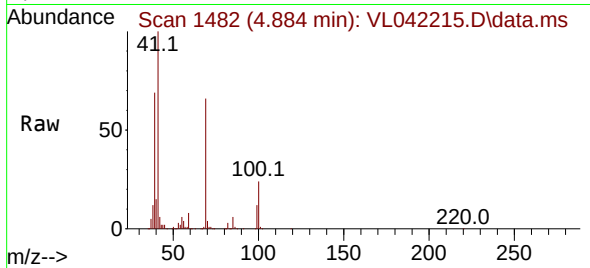
Tgt Ion: 83 Resp: 416628
Ion Ratio Lower Upper
83 100
85 61.5 50.5 75.7
127 6.8 5.9 8.9





#43
Methyl Methacrylate
Concen: 8.480 ppbv
RT: 4.884 min Scan# 1482
Delta R.T. 0.013 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

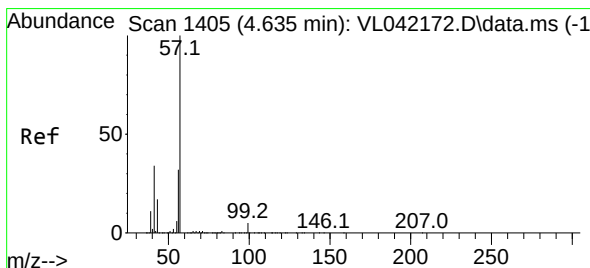
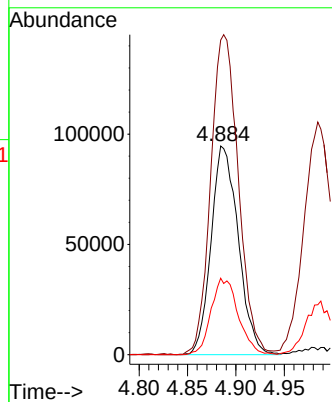
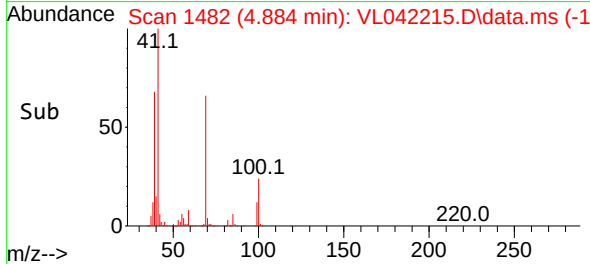
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



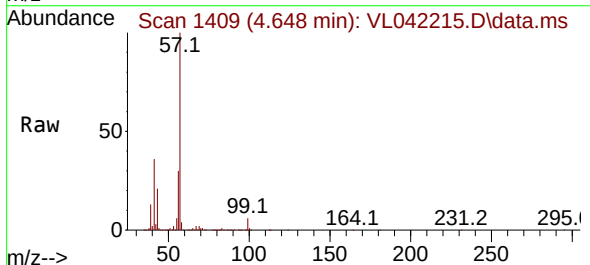
Tgt Ion: 69 Resp: 184838
Ion Ratio Lower Upper
69 100
41 155.2 123.8 185.6
100 36.6 28.4 42.6

Manual Integrations
APPROVED

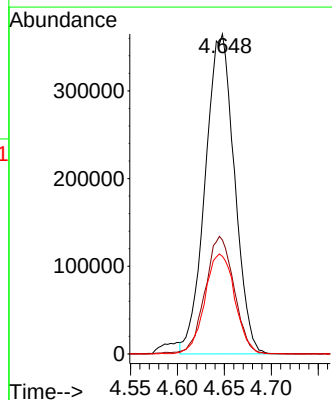
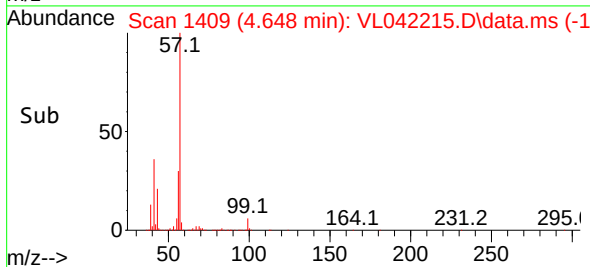
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025

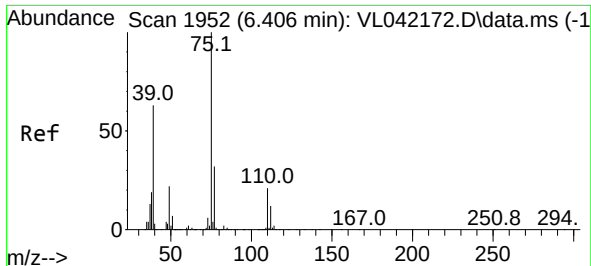


#44
2,2,4-Trimethylpentane
Concen: 9.069 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.013 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58



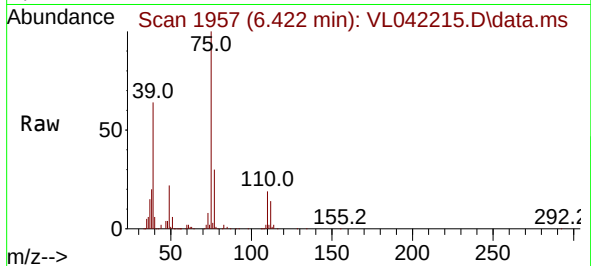
Tgt Ion: 57 Resp: 789050
Ion Ratio Lower Upper
57 100
41 36.7 26.8 40.2
56 32.2 25.6 38.4





#45
 t-1,3-Dichloropropene
 Concen: 8.407 ppbv
 RT: 6.422 min Scan# 1952
 Delta R.T. 0.016 min
 Lab File: VL042215.D
 Acq: 04 Apr 2025 08:58

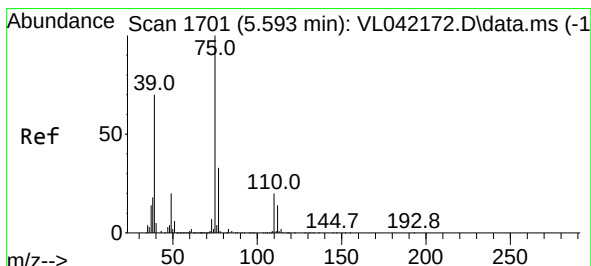
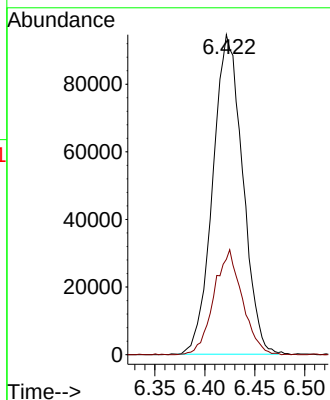
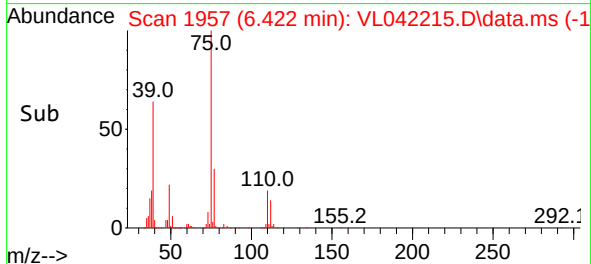
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 19658
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.0 39.0

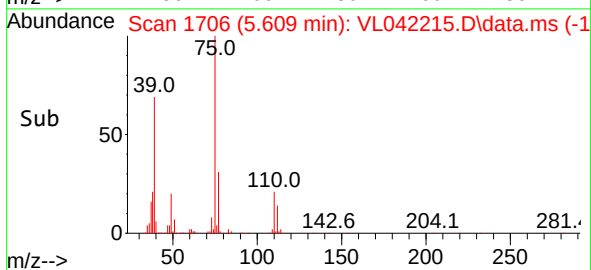
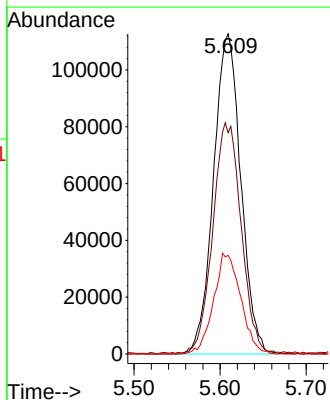
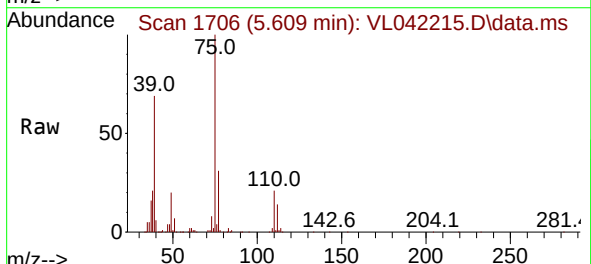
Manual Integrations
 APPROVED

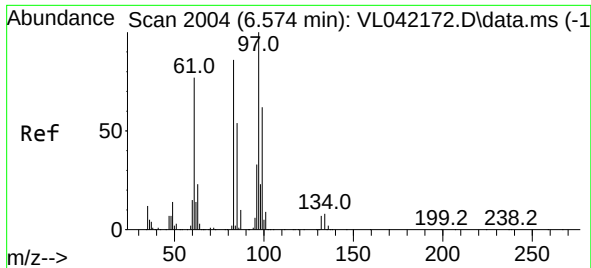
Reviewed By :Semsettin Yesilyurt 04/07/2025
 Supervised By :Mahesh Dadoda 04/08/2025



#46
 cis-1,3-Dichloropropene
 Concen: 8.677 ppbv
 RT: 5.609 min Scan# 1706
 Delta R.T. 0.016 min
 Lab File: VL042215.D
 Acq: 04 Apr 2025 08:58

Tgt Ion: 75 Resp: 248725
 Ion Ratio Lower Upper
 75 100
 39 68.7 55.8 83.6
 77 30.8 26.0 39.0





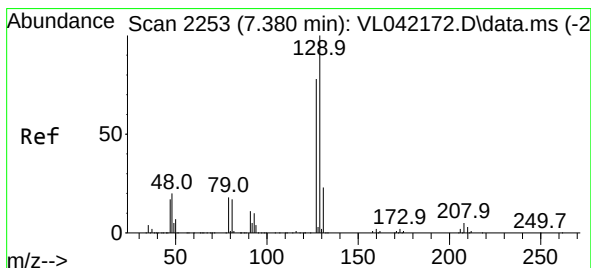
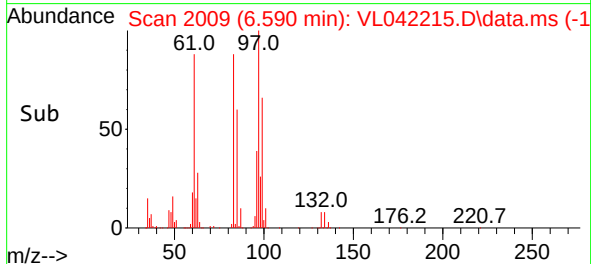
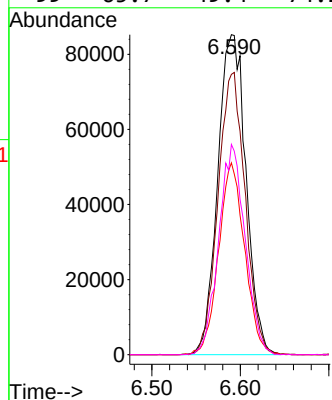
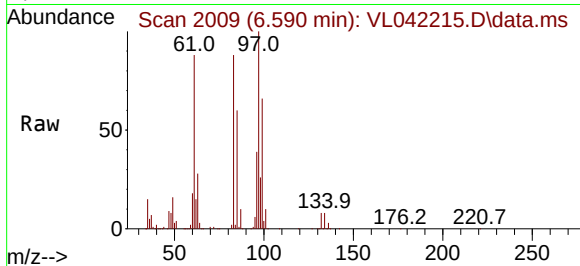
#47
1,1,2-Trichloroethane
Concen: 9.533 ppbv
RT: 6.590 min Scan# 2009
Delta R.T. 0.016 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97	Resp: 188954
Ion Ratio	Lower Upper
97 100	
83 87.5	69.2 103.8
85 60.0	43.1 64.7
99 65.7	49.4 74.2

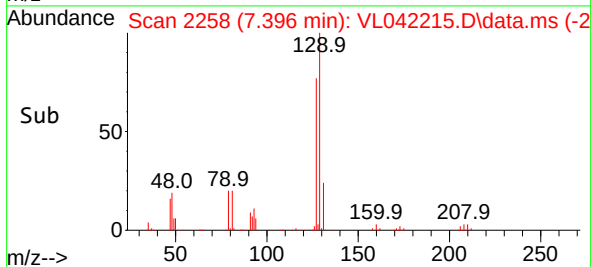
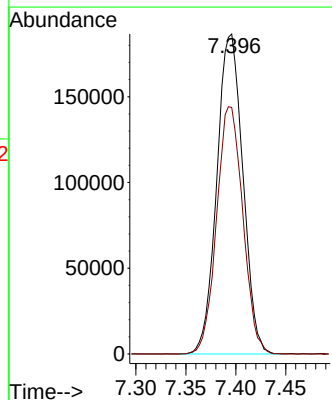
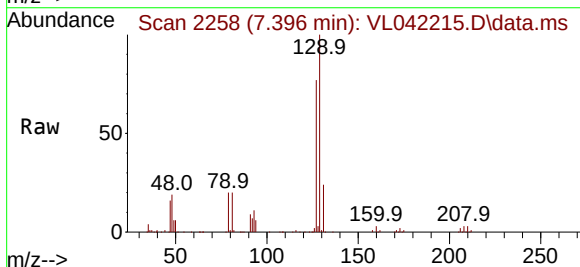
Manual Integrations
APPROVED

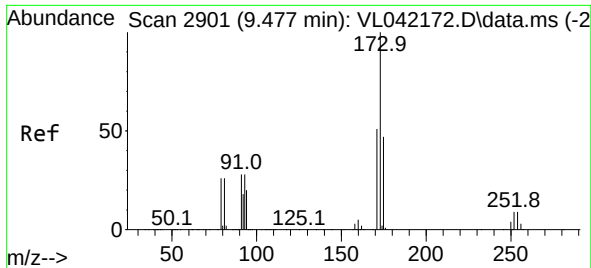
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#48
Dibromochloromethane
Concen: 10.081 ppbv
RT: 7.396 min Scan# 2258
Delta R.T. 0.016 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Tgt Ion:129	Resp: 338657
Ion Ratio	Lower Upper
129 100	
127 77.8	39.1 117.2





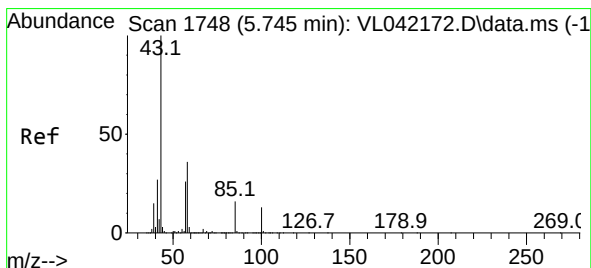
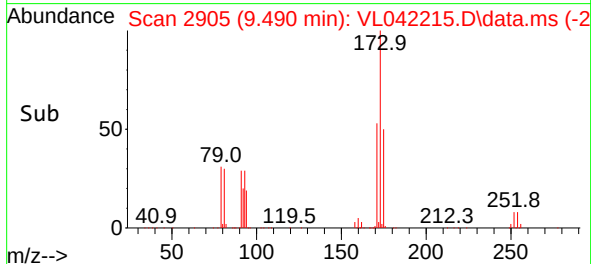
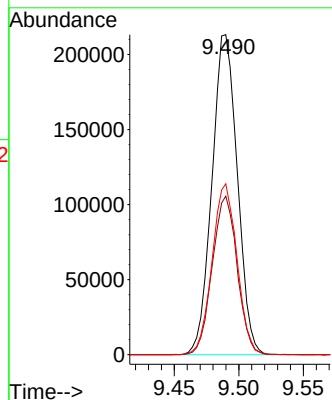
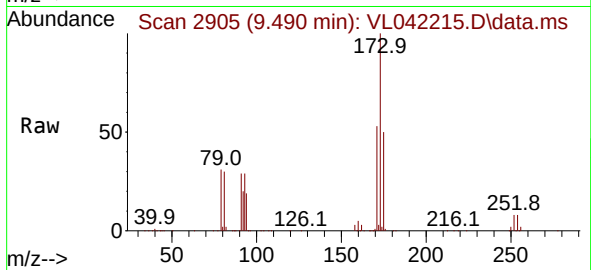
#49
Bromoform
Concen: 9.671 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. 0.013 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 291660
Ion Ratio Lower Upper
173 100
175 48.5 38.6 57.8
171 52.3 41.8 62.6

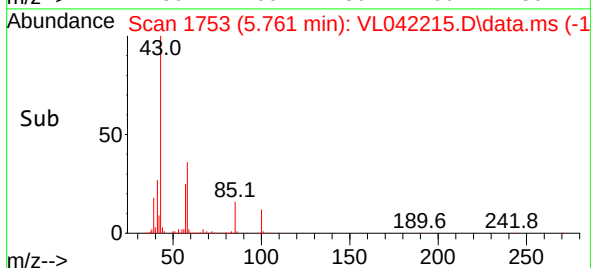
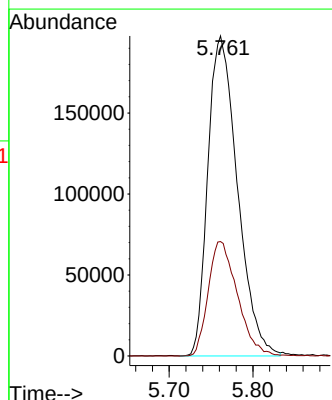
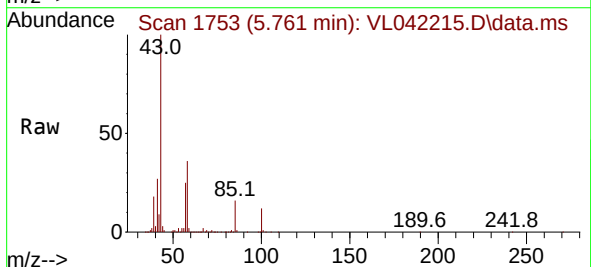
Manual Integrations
APPROVED

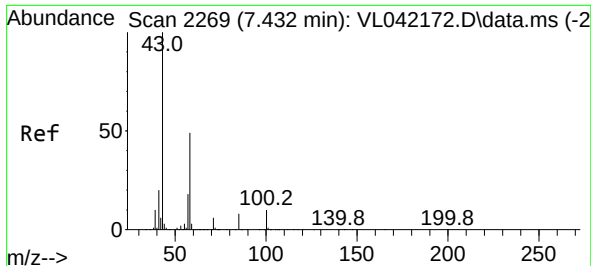
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#50
4-Methyl-2-Pentanone
Concen: 8.136 ppbv
RT: 5.761 min Scan# 1753
Delta R.T. 0.016 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

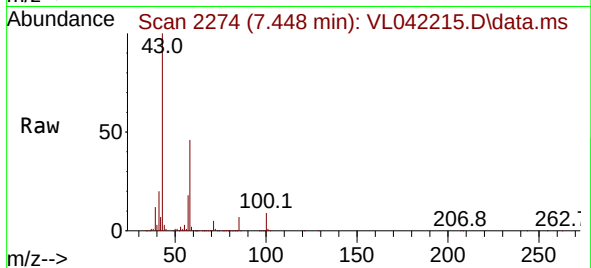
Tgt Ion: 43 Resp: 485587
Ion Ratio Lower Upper
43 100
58 35.3 29.0 43.6





#51
2-Hexanone
Concen: 8.024 ppbv
RT: 7.448 min Scan# 2116
Delta R.T. 0.016 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

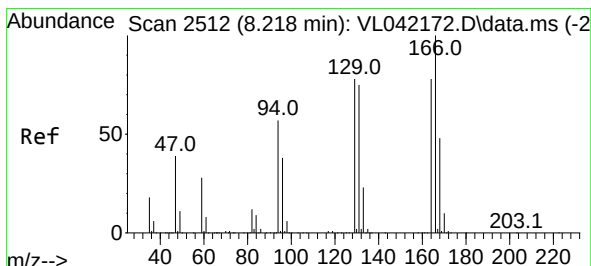
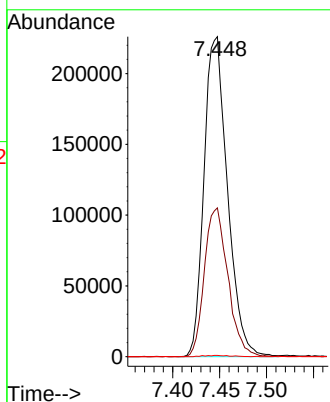
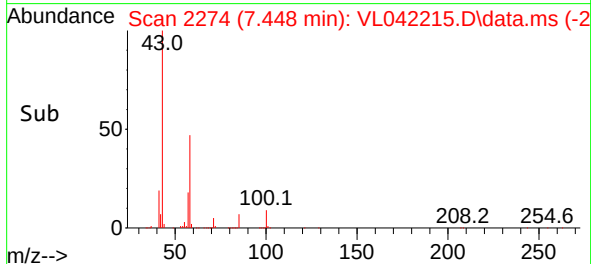
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



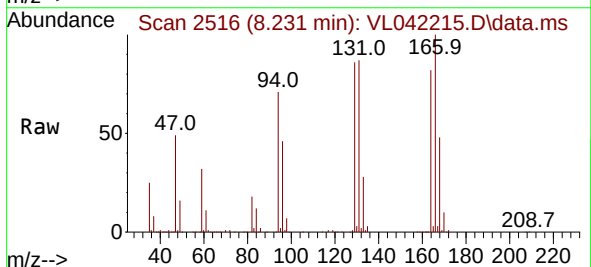
Tgt Ion: 43 Resp: 393233
Ion Ratio Lower Upper
43 100
58 46.6 39.7 59.5
98 0.5 0.1 0.1

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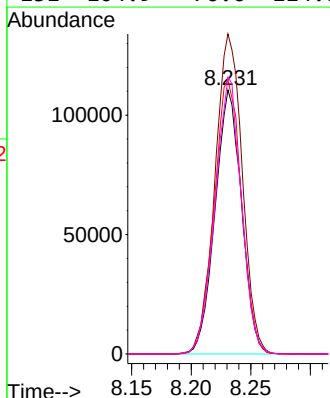
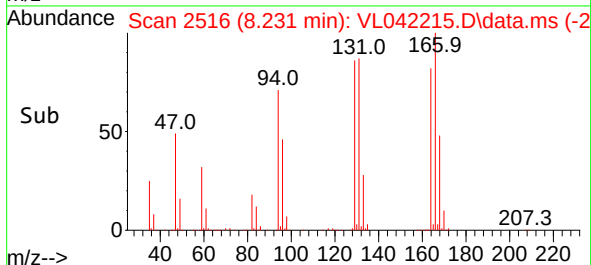
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025

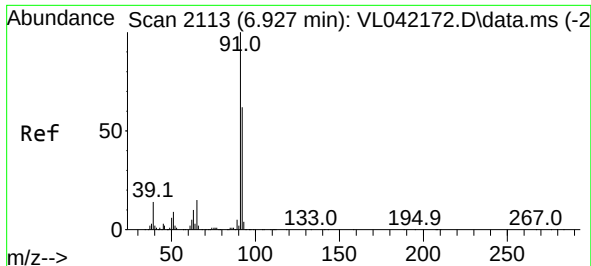


#52
Tetrachloroethene
Concen: 8.351 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.013 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58



Tgt Ion:164 Resp: 170524
Ion Ratio Lower Upper
164 100
166 121.2 102.5 153.7
129 103.7 79.8 119.8
131 104.9 76.6 114.8





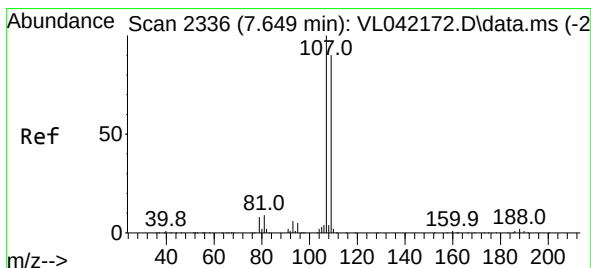
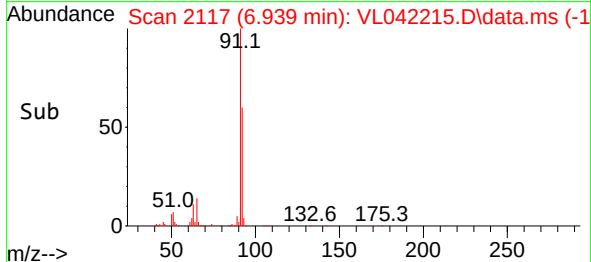
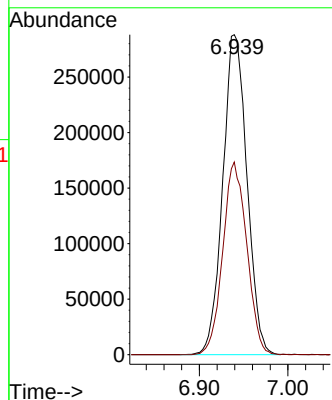
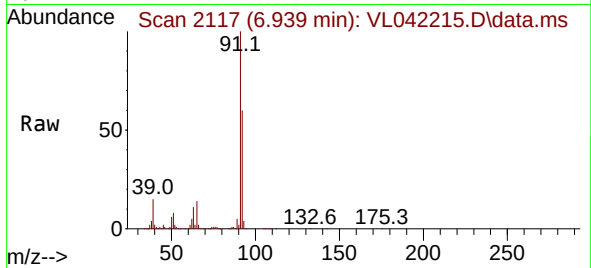
#53
Toluene
Concen: 8.982 ppbv
RT: 6.939 min Scan# 2113
Delta R.T. 0.013 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 548220
Ion Ratio Lower Upper
91 100
92 59.6 48.4 72.6

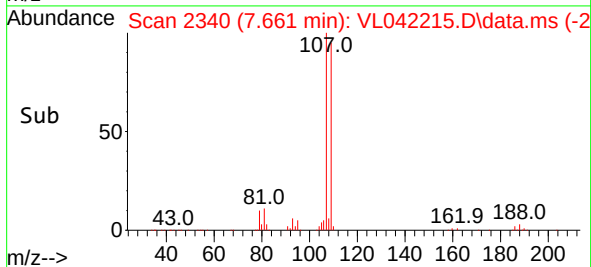
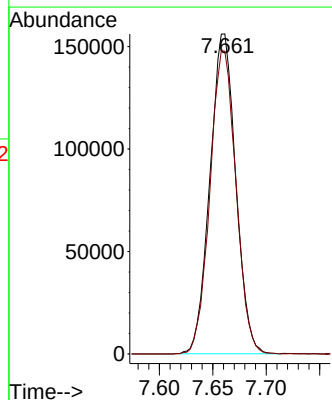
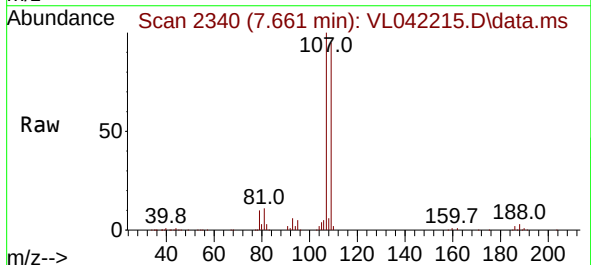
Manual Integrations
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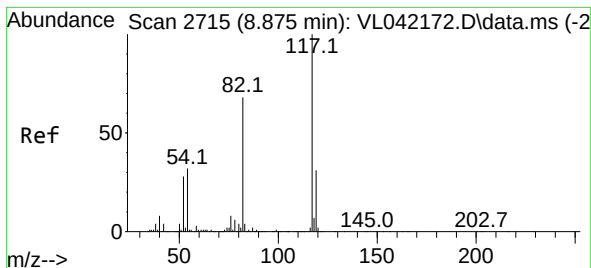
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#54
1,2-Dibromoethane
Concen: 9.493 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. 0.013 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Tgt Ion:107 Resp: 262312
Ion Ratio Lower Upper
107 100
109 94.6 72.2 108.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2715

Delta R.T. 0.013 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Instrument :

MSVOA_L

ClientSampleId :

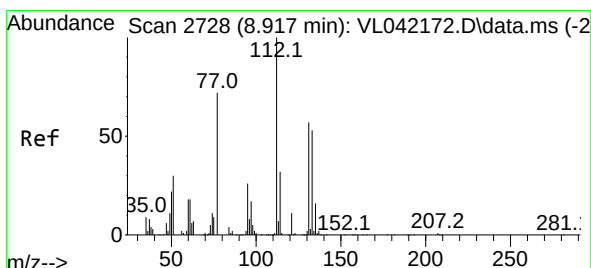
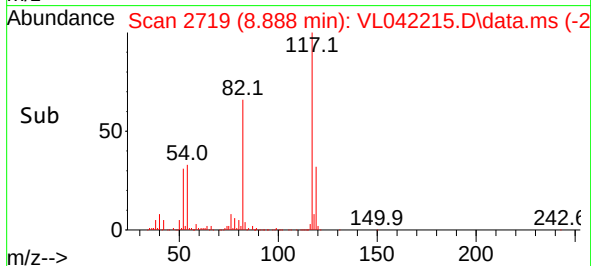
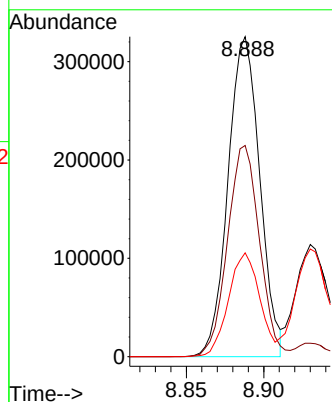
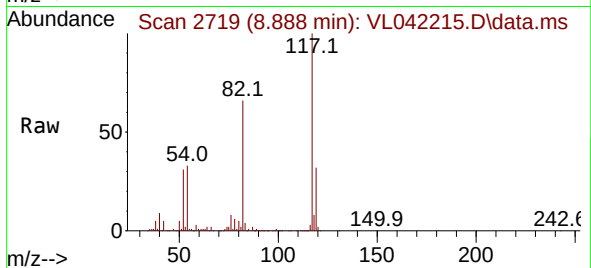
VSTDCCC010

Tgt Ion:117 Resp: 464975
 Ion Ratio Lower Upper
 117 100
 82 70.5 55.8 83.6
 119 32.7 25.5 38.3

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Reviewed By :Semsettin Yesilyurt 04/07/2025
 Supervised By :Mahesh Dadoda 04/08/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 10.373 ppbv

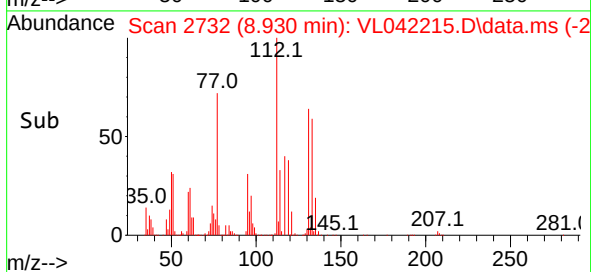
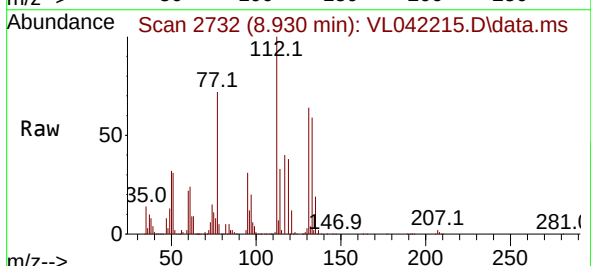
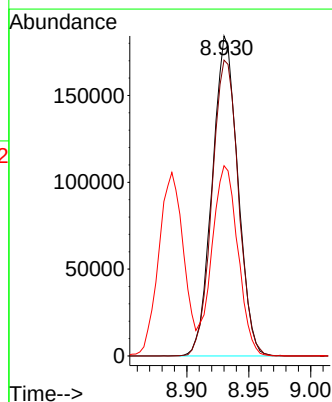
RT: 8.930 min Scan# 2732

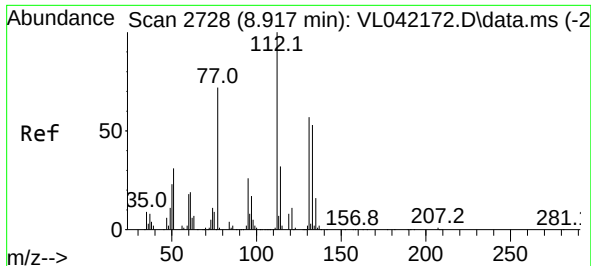
Delta R.T. 0.013 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

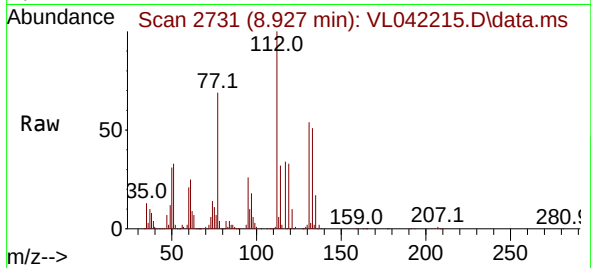
Tgt Ion:131 Resp: 265488
 Ion Ratio Lower Upper
 131 100
 133 95.4 76.6 114.8
 119 57.3 49.8 74.6





#57
Chlorobenzene
Concen: 9.878 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

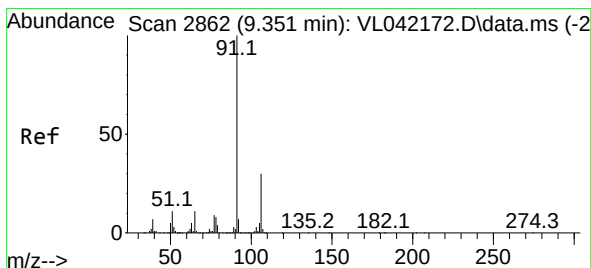
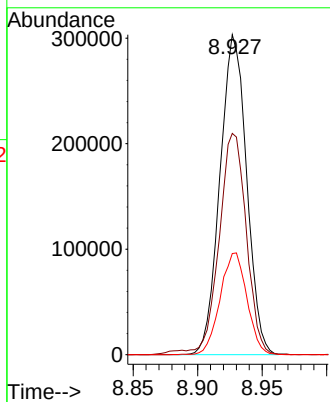
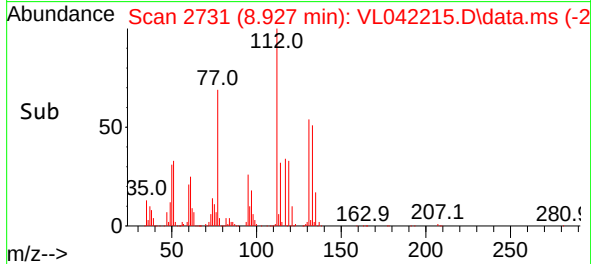
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



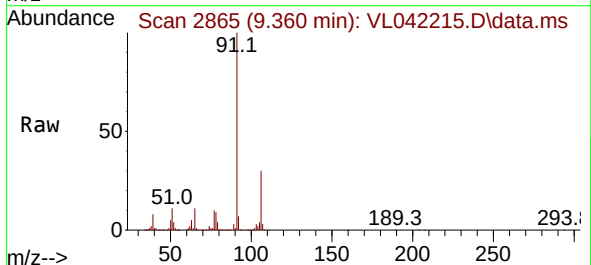
Tgt Ion: 112 Resp: 43563
Ion Ratio Lower Upper
112 100
77 69.0 58.2 87.2
114 31.6 29.1 35.5

Manual Integrations
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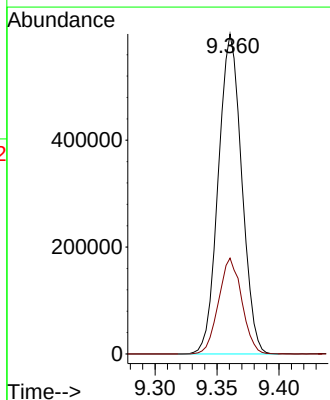
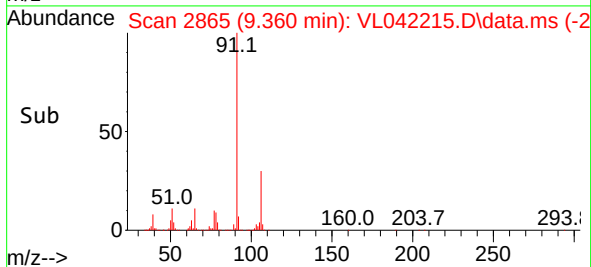
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025

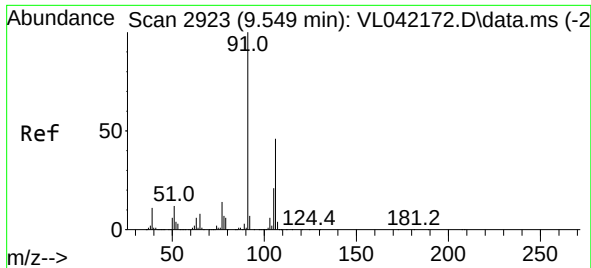


#58
Ethyl Benzene
Concen: 9.535 ppbv
RT: 9.360 min Scan# 2865
Delta R.T. 0.009 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58



Tgt Ion: 91 Resp: 787508
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2





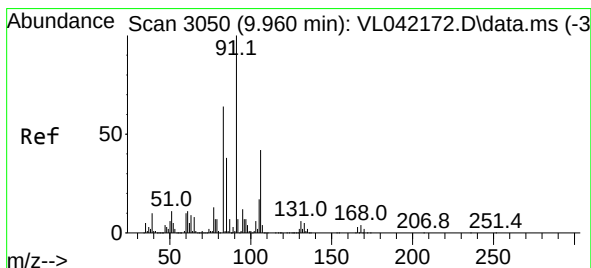
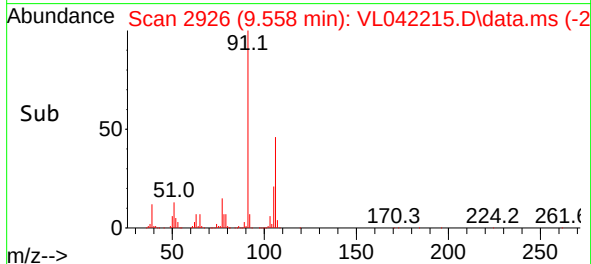
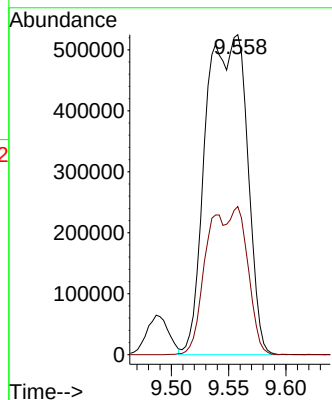
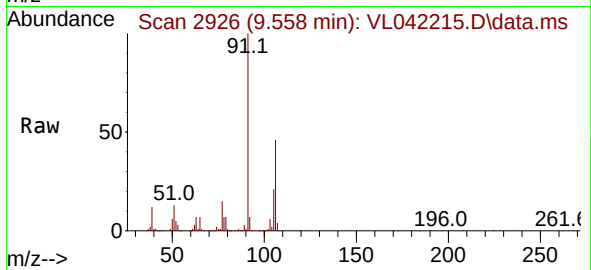
#59
m/p-Xylene
Concen: 20.022 ppbv m
RT: 9.558 min Scan# 2923
Delta R.T. 0.009 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 132045
Ion Ratio Lower Upper
91 100
106 45.1 36.4 54.6

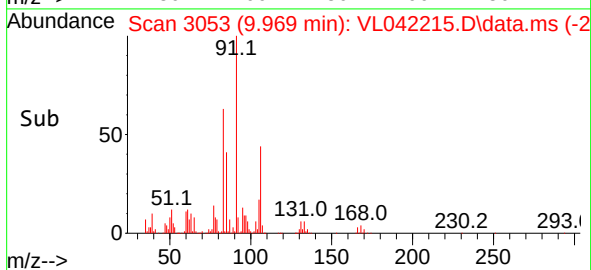
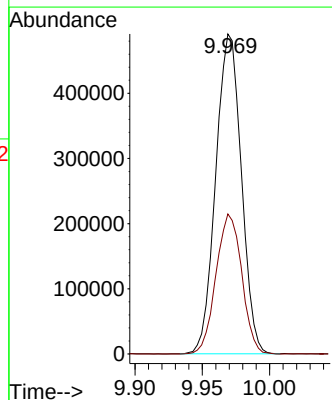
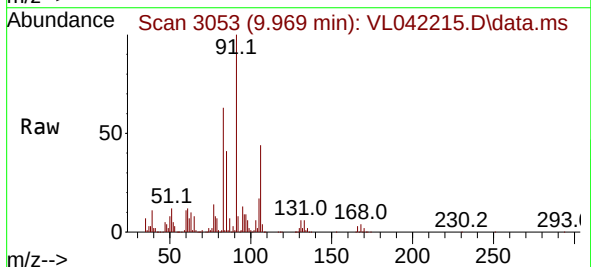
Manual Integrations
APPROVED

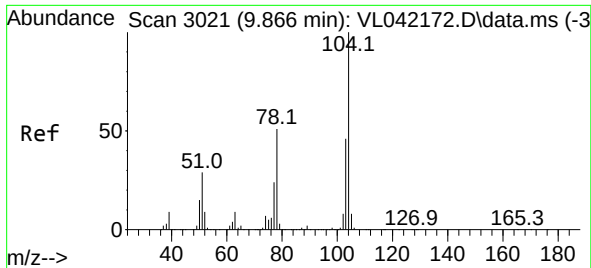
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#60
o-Xylene
Concen: 9.808 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.009 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

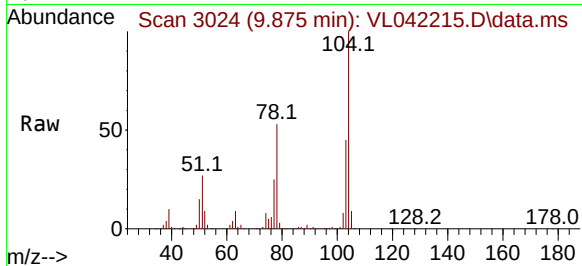
Tgt Ion: 91 Resp: 648429
Ion Ratio Lower Upper
91 100
106 44.1 20.8 62.5





#61
Styrene
Concen: 9.397 ppbv
RT: 9.875 min Scan# 3021
Delta R.T. 0.009 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

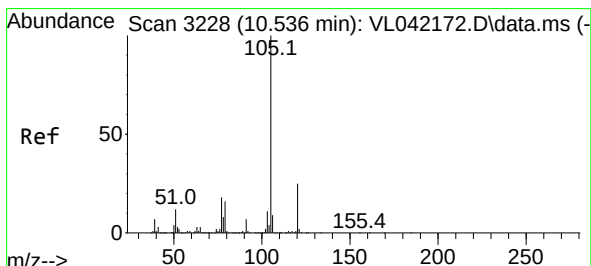
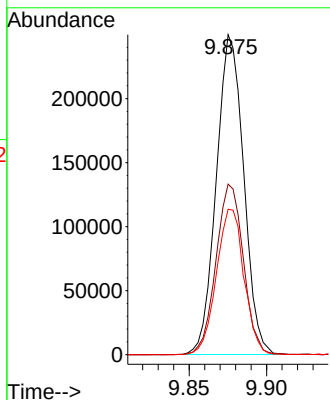
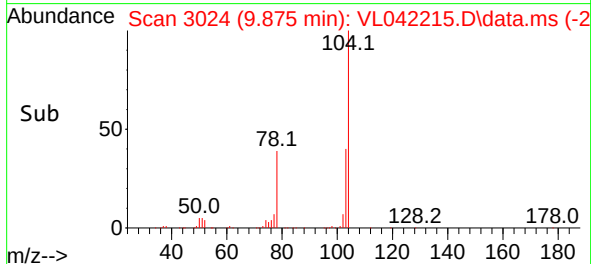
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



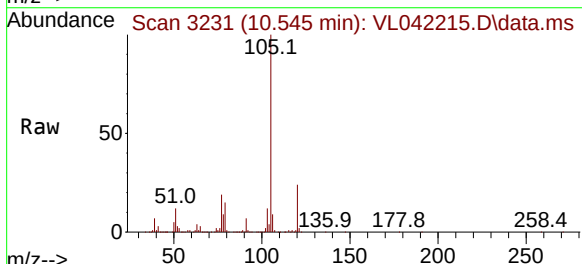
Tgt Ion:104 Resp: 307359
Ion Ratio Lower Upper
104 100
78 53.4 41.8 62.6
103 46.0 37.0 55.4

Manual Integrations
APPROVED

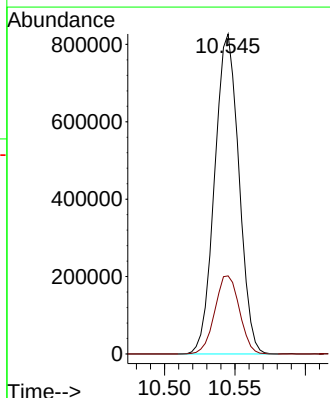
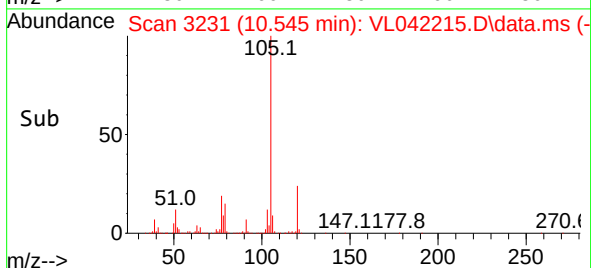
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025

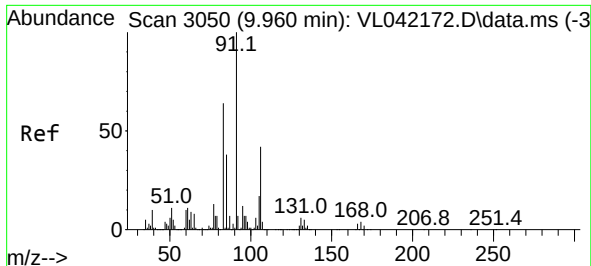


#62
Isopropylbenzene
Concen: 10.024 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.009 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58



Tgt Ion:105 Resp: 991027
Ion Ratio Lower Upper
105 100
120 24.8 19.9 29.9





#63

1,1,2,2-Tetrachloroethane

Concen: 10.079 ppbv

RT: 9.969 min Scan# 3050

Delta R.T. 0.009 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 404850

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

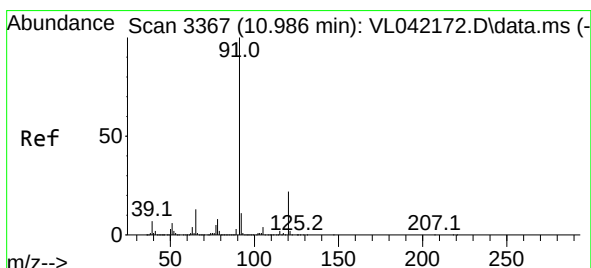
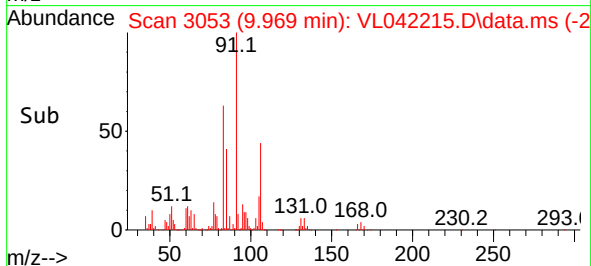
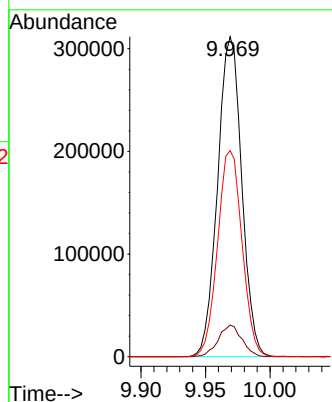
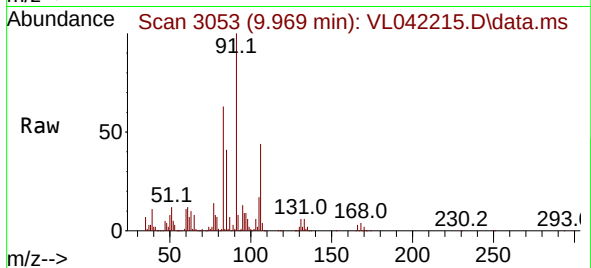
85 65.2 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2025

Supervised By :Mahesh Dadoda 04/08/2025



#64

n-propylbenzene

Concen: 10.364 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.009 min

Lab File: VL042215.D

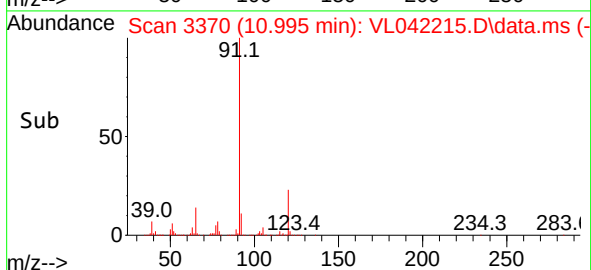
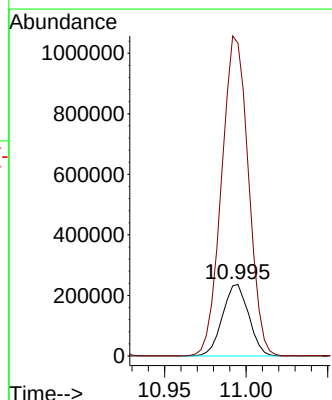
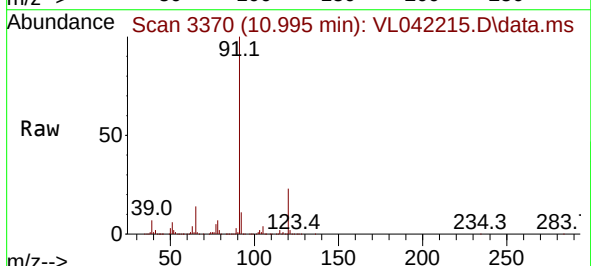
Acq: 04 Apr 2025 08:58

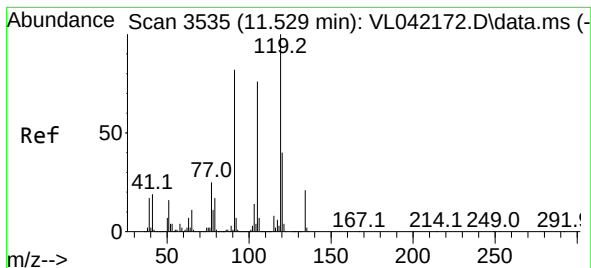
Tgt Ion:120 Resp: 263771

Ion Ratio Lower Upper

120 100

91 459.3 376.9 565.3





#65

tert-Butylbenzene

Concen: 9.898 ppbv

RT: 11.535 min Scan# 3537

Delta R.T. 0.006 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Instrument :

MSVOA_L

ClientSampleId :

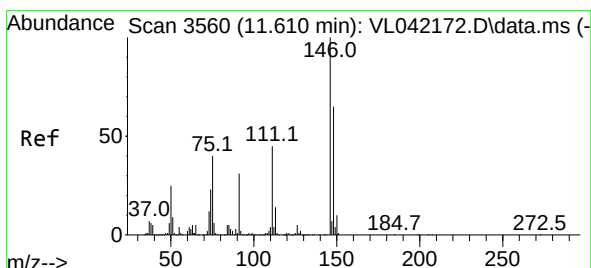
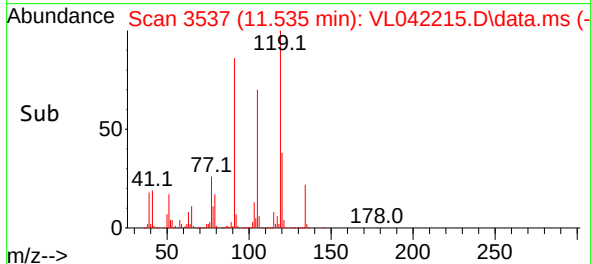
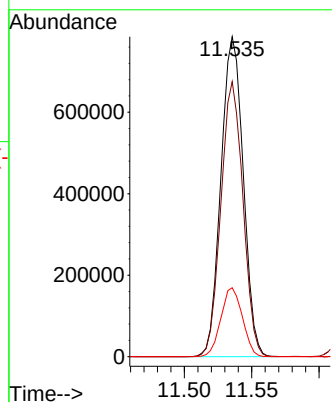
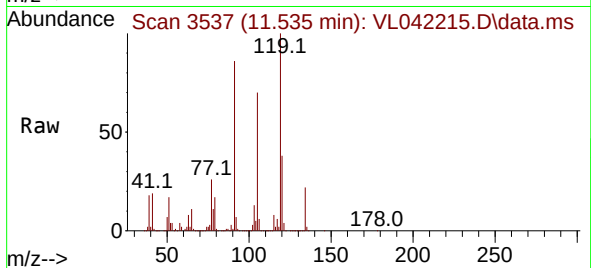
VSTDCCC010

Tgt Ion:	119	Resp:	904984
Ion Ratio	Lower	Upper	
119	100		
91	84.9	66.0	99.0
134	20.8	16.7	25.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#66

Benzyl Chloride

Concen: 7.388 ppbv

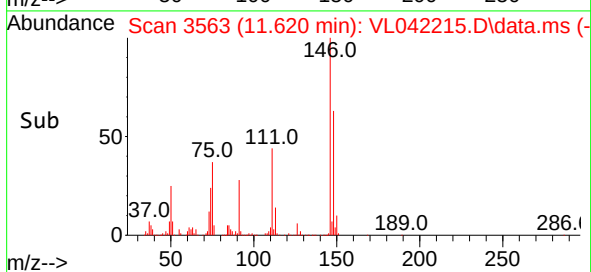
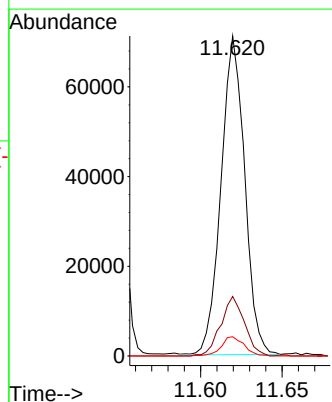
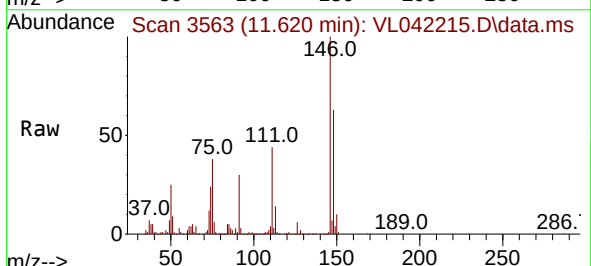
RT: 11.620 min Scan# 3563

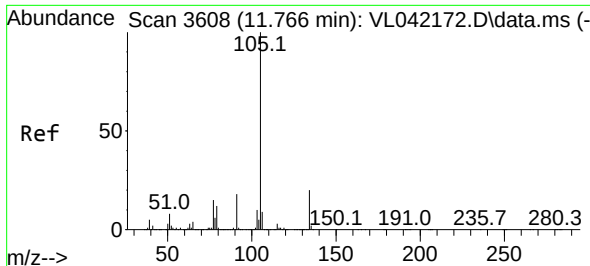
Delta R.T. 0.009 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

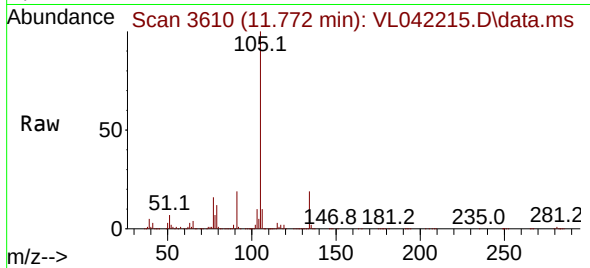
Tgt Ion:	91	Resp:	71677
Ion Ratio	Lower	Upper	
91	100		
126	18.8	13.8	20.6
128	5.8	4.5	6.7





#67
 sec-Butylbenzene
 Concen: 10.009 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.006 min
 Lab File: VL042215.D
 Acq: 04 Apr 2025 08:58

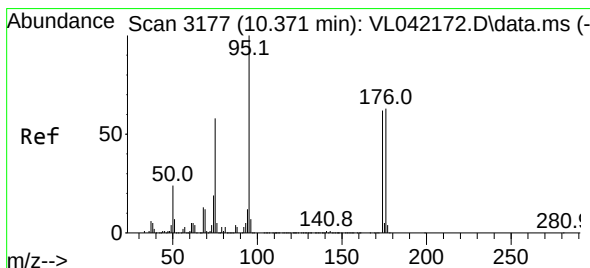
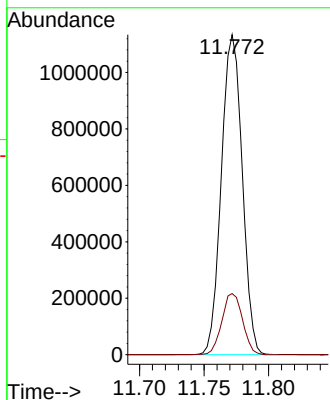
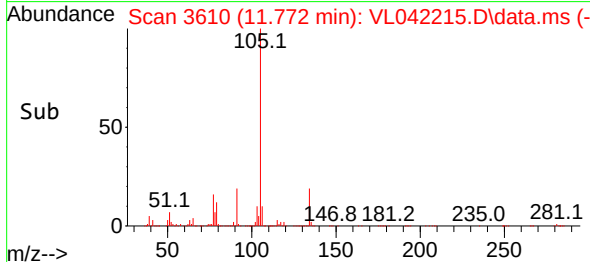
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



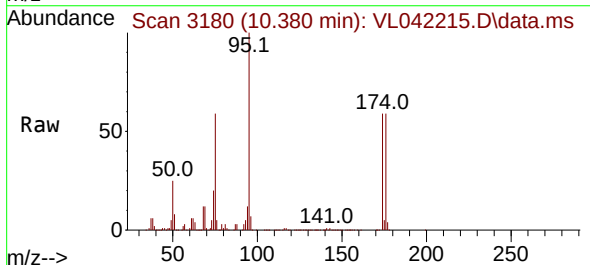
Tgt Ion:105 Resp: 127204
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.5 23.3

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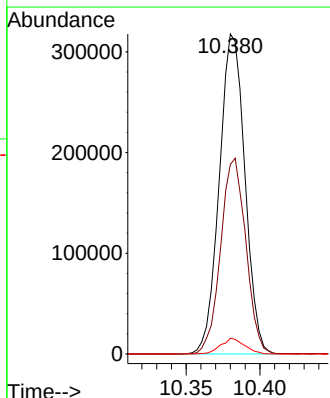
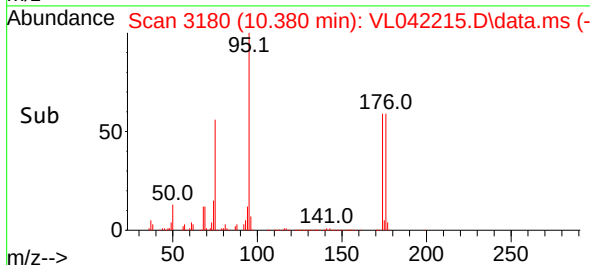
Reviewed By :Semsettin Yesilyurt 04/07/2025
 Supervised By :Mahesh Dadoda 04/08/2025

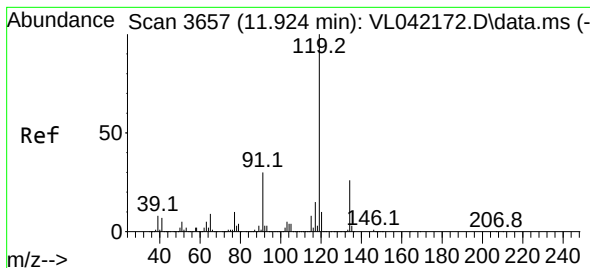


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.052 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.009 min
 Lab File: VL042215.D
 Acq: 04 Apr 2025 08:58



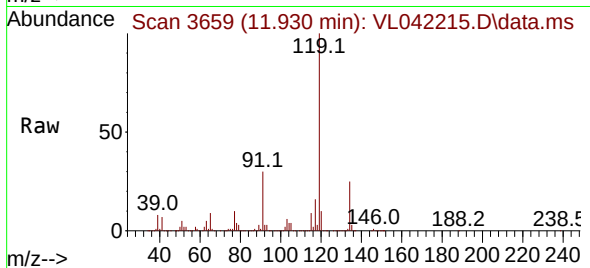
Tgt Ion: 95 Resp: 383840
 Ion Ratio Lower Upper
 95 100
 174 60.4 50.6 76.0
 175 4.6 3.8 5.6





#69
p-Isopropyltoluene
Concen: 10.022 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. 0.006 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

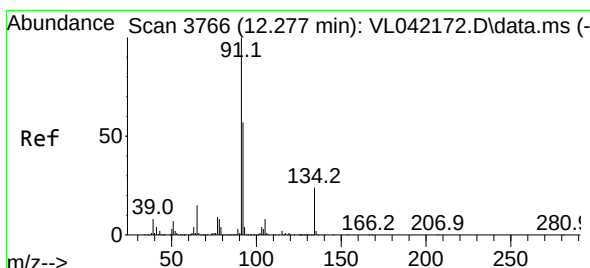
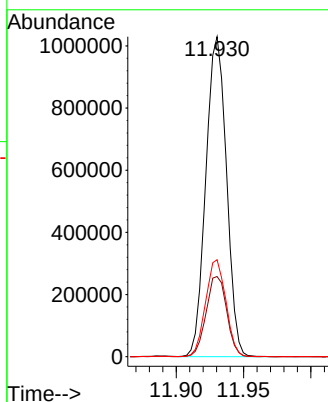
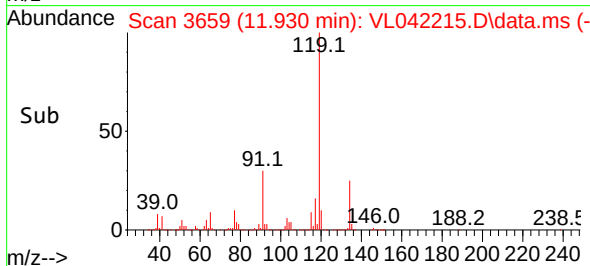
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



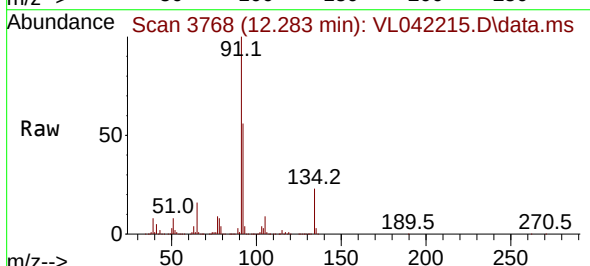
Tgt Ion: 119 Resp: 1096744
Ion Ratio Lower Upper
119 100
134 25.2 20.4 30.6
91 29.9 23.7 35.5

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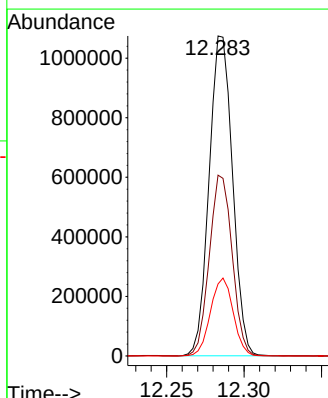
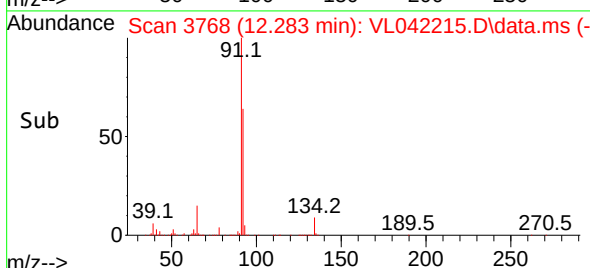
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025

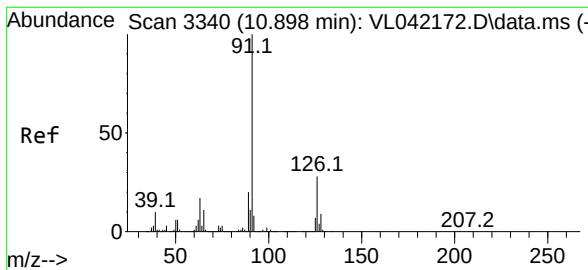


#70
n-Butylbenzene
Concen: 10.090 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. 0.006 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58



Tgt Ion: 91 Resp: 1129301
Ion Ratio Lower Upper
91 100
92 55.4 44.9 67.3
134 23.7 19.2 28.8





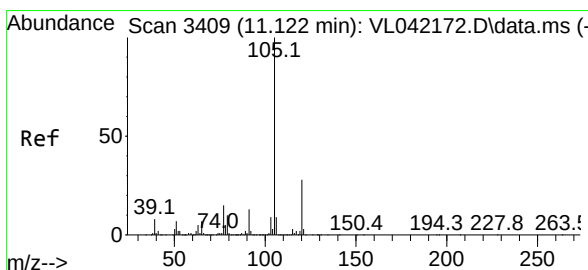
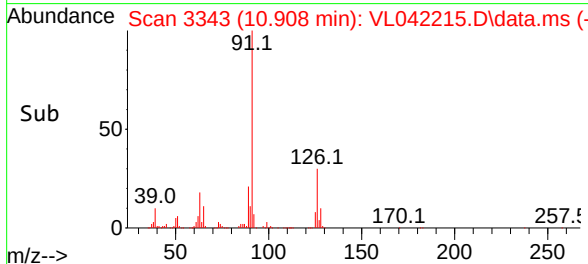
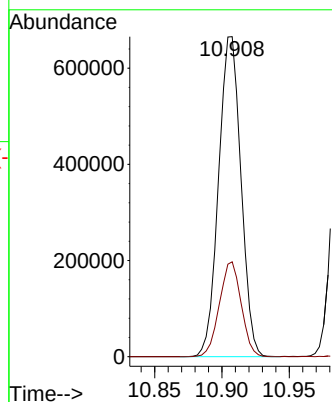
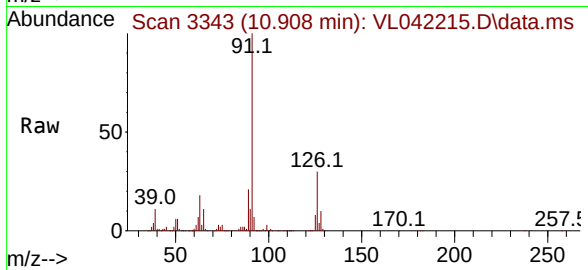
#71
2-Chlorotoluene
Concen: 10.027 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.009 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 76936
Ion Ratio Lower Upper
91 100
126 28.9 11.6 46.4

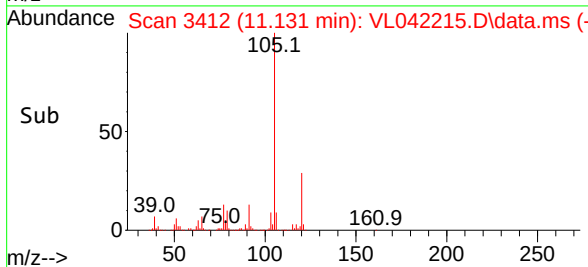
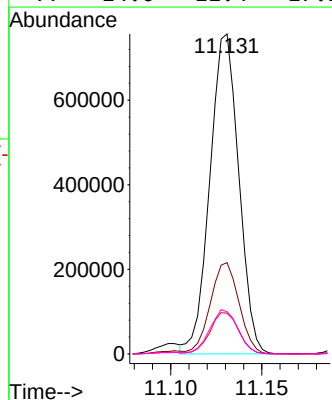
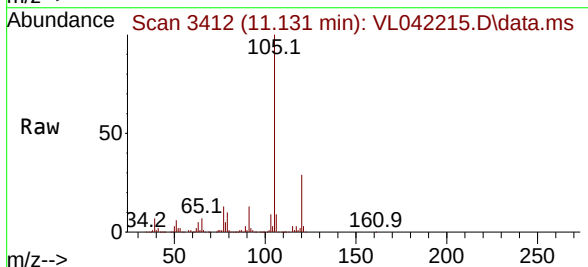
Manual Integrations
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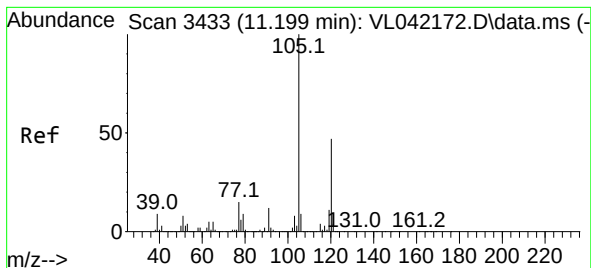
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#72
4-Ethyltoluene
Concen: 10.151 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.009 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

Tgt Ion:105 Resp: 835598
Ion Ratio Lower Upper
105 100
120 29.3 23.4 35.0
91 13.3 10.3 15.5
77 14.0 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 10.076 ppbv

RT: 11.209 min Scan# 3433

Delta R.T. 0.009 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 724375

Ion Ratio Lower Upper

105 100

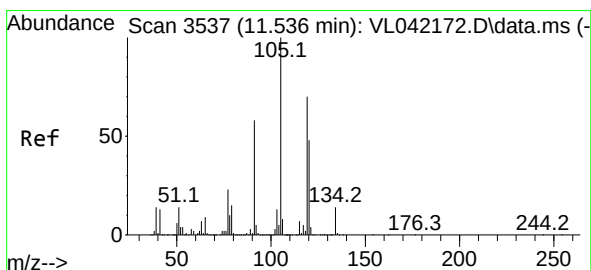
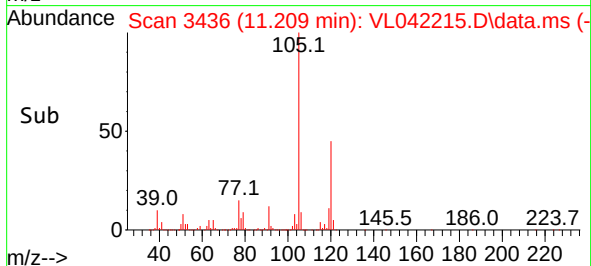
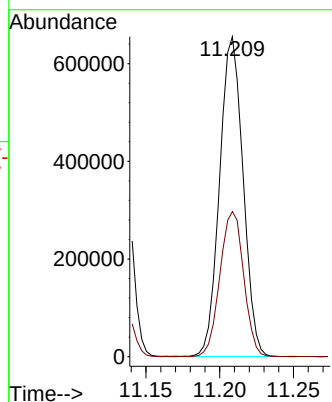
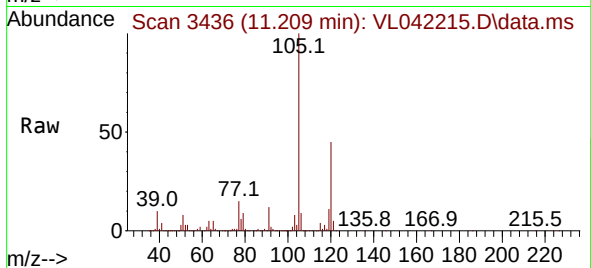
120 45.4 37.4 56.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/07/2025

Supervised By :Mahesh Dadoda 04/08/2025



#74

1,2,4-Trimethylbenzene

Concen: 9.712 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.006 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Tgt Ion:105 Resp: 804419

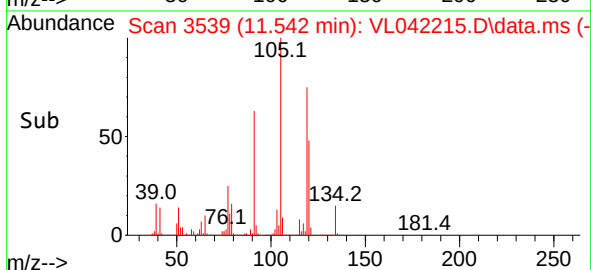
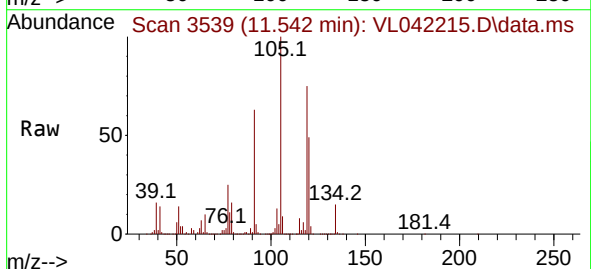
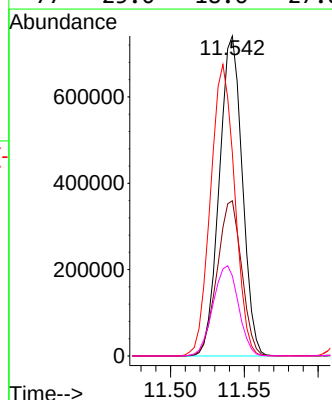
Ion Ratio Lower Upper

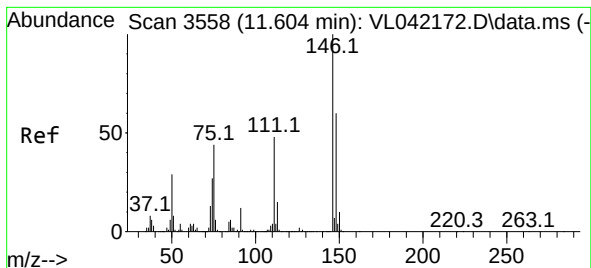
105 100

120 48.5 38.6 58.0

91 63.3 46.2 69.2

77 25.0 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 10.333 ppbv

RT: 11.613 min Scan# 3558

Delta R.T. 0.009 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Instrument :

MSVOA_L

ClientSampleId :

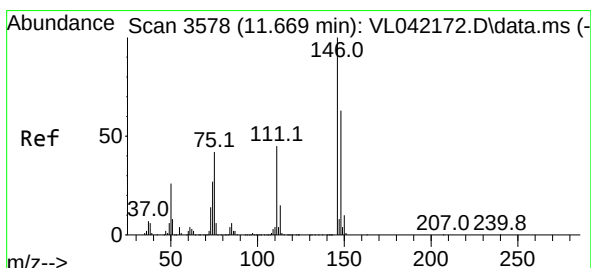
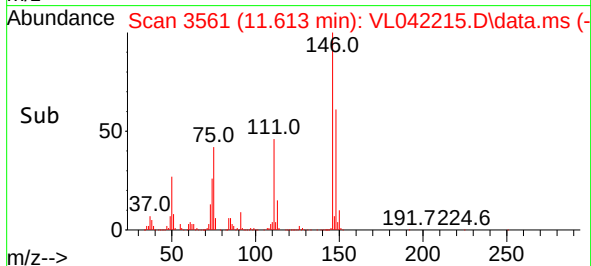
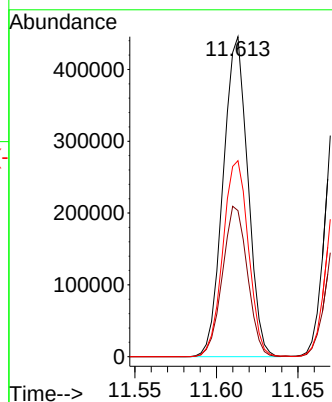
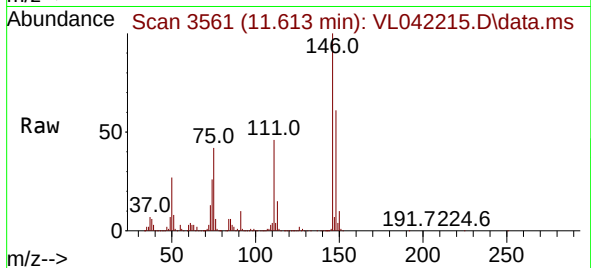
VSTDCCC010

Tgt Ion:146	Resp: 469384
Ion Ratio	Lower Upper
146	100
111	47.6 23.8 71.2
148	63.2 31.9 95.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#76

1,4-Dichlorobenzene

Concen: 10.348 ppbv

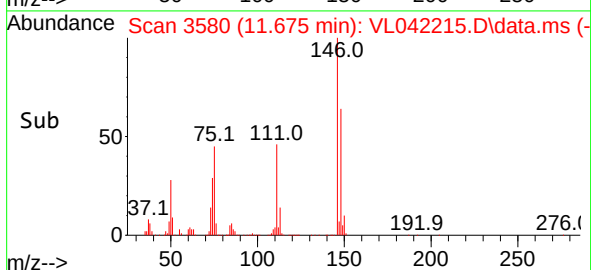
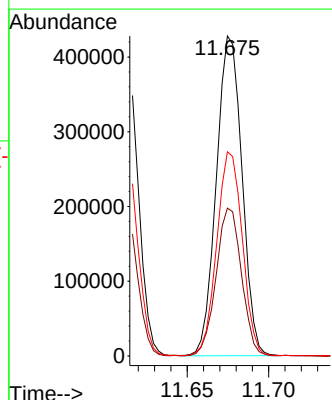
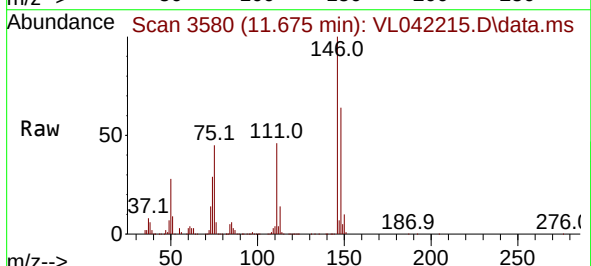
RT: 11.675 min Scan# 3580

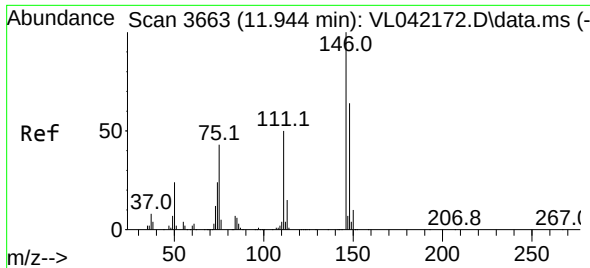
Delta R.T. 0.006 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

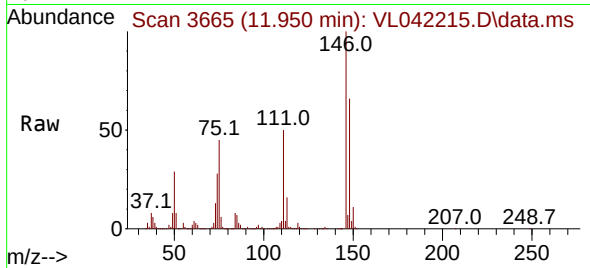
Tgt Ion:146	Resp: 467820
Ion Ratio	Lower Upper
146	100
111	45.9 23.0 69.0
148	63.9 31.9 95.7





#77
1,2-Dichlorobenzene
Concen: 10.410 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.006 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58

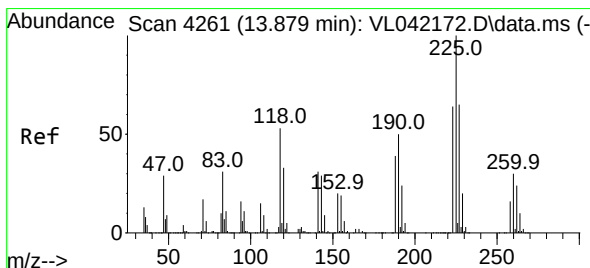
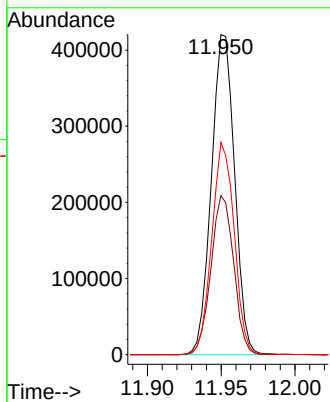
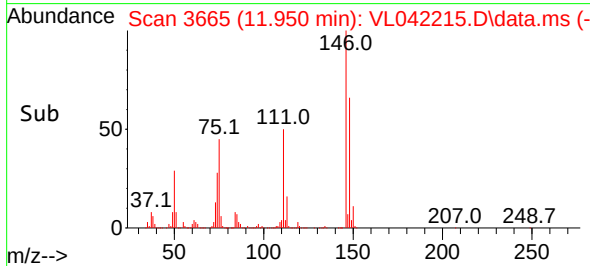
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



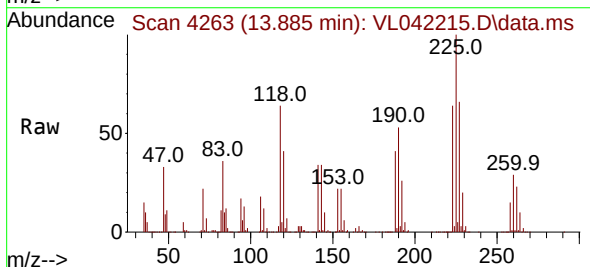
Tgt Ion:146 Resp: 460424
Ion Ratio Lower Upper
146 100
111 48.8 24.8 74.3
148 64.1 31.6 94.8

Manual Integrations
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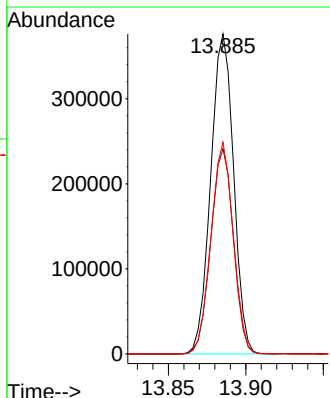
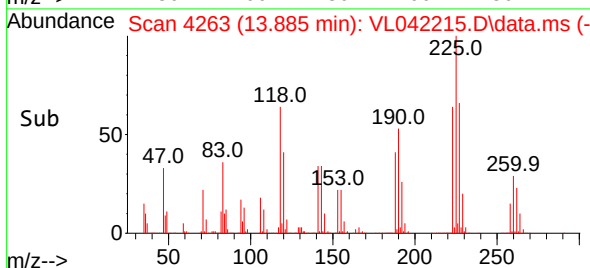
Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025

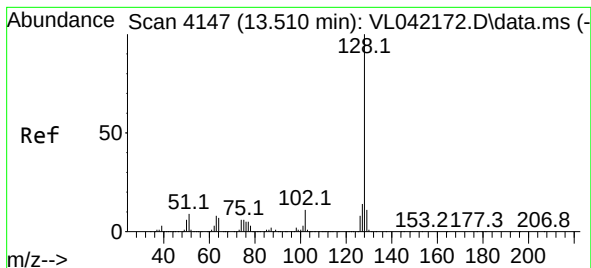


#78
Hexachloro-1,3-Butadiene
Concen: 8.574 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.006 min
Lab File: VL042215.D
Acq: 04 Apr 2025 08:58



Tgt Ion:225 Resp: 386022
Ion Ratio Lower Upper
225 100
223 63.4 50.6 76.0
227 64.4 51.2 76.8





#79

Naphthalene

Concen: 10.287 ppbv

RT: 13.516 min Scan# 4147

Delta R.T. 0.006 min

Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

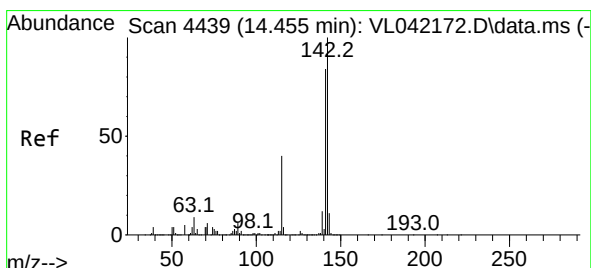
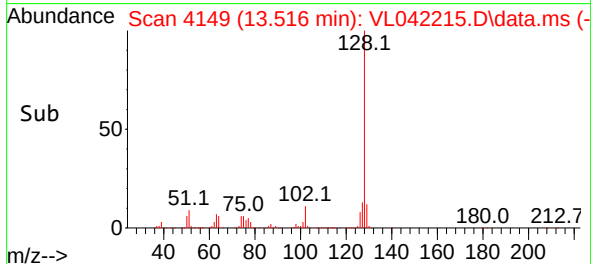
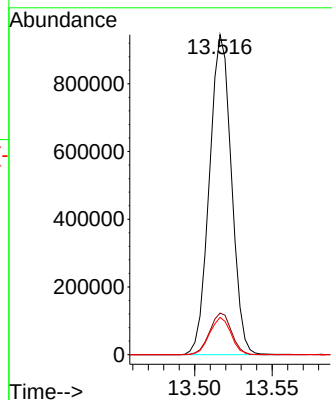
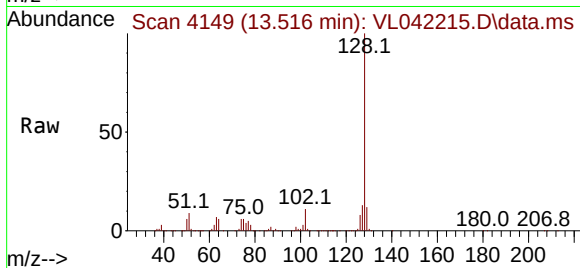
Tgt Ion:128 Resp: 931920

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	11.7	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2025
Supervised By :Mahesh Dadoda 04/08/2025



#80

Naphthalene,2-methyl-

Concen: 10.593 ppbv

RT: 14.461 min Scan# 4441

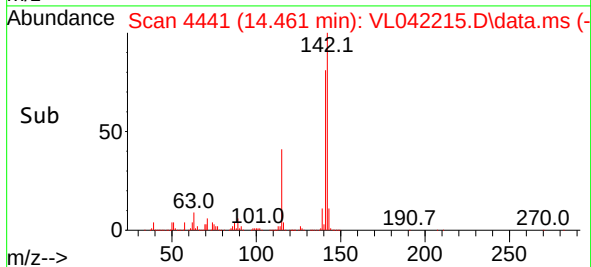
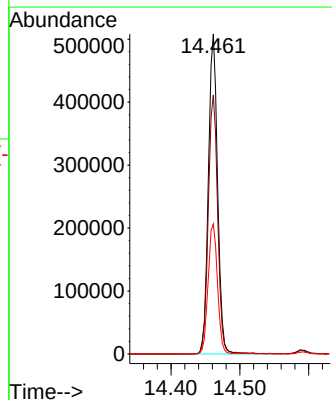
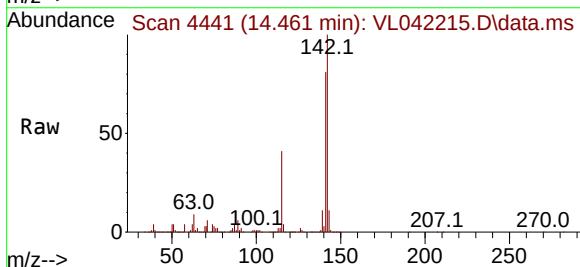
Delta R.T. 0.006 min

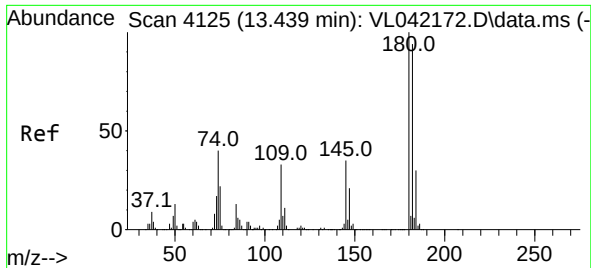
Lab File: VL042215.D

Acq: 04 Apr 2025 08:58

Tgt Ion:142 Resp: 470633

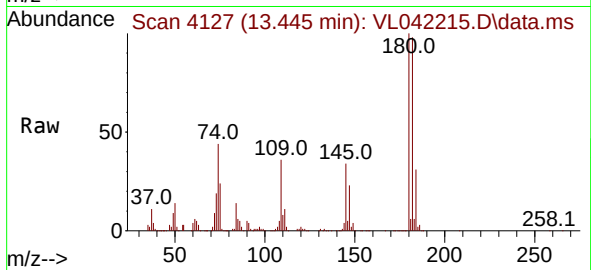
Ion	Ratio	Lower	Upper
142	100		
141	82.6	66.3	99.5
115	41.7	31.6	47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.975 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL042215.D
 Acq: 04 Apr 2025 08:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 416849
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.1 112.7
 184 29.9 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2025
 Supervised By :Mahesh Dadoda 04/08/2025

