

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031725\
 Data File : VL042150.D
 Acq On : 17 Mar 2025 09:55
 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 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:21:32 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	167493	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	395790	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	337104	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.393 95 286841 11.060 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 110.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	184928	10.618	ppbv	98
3) Chlorodifluoromethane	1.480	51	220495	9.058	ppbv	99
4) Chloromethane	1.538	50	72484	11.254	ppbv	100
5) Vinyl Chloride	1.583	62	68484	11.241	ppbv	96
6) Bromomethane	1.674	94	32623	11.245	ppbv	98
7) Chloroethane	1.709	64	26650	10.766	ppbv	99
8) Dichlorotetrafluoroethane	1.560	85	159560	11.144	ppbv	98
9) Propene	1.489	41	87298	8.803	ppbv	98
10) Heptane	5.001	43	250907	8.126	ppbv	100
11) Trichlorofluoromethane	1.884	101	201429	11.542	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.146	101	143413	10.302	ppbv	97
13) Ethanol	1.729	45	6795	10.794	ppbv	93
14) Bromoethene	1.787	108	53205	10.823	ppbv	98
15) Acetone	1.842	43	154356	10.436	ppbv	98
16) 1,3-Butadiene	1.615	39	73169	10.630	ppbv	98
17) tert-Butyl alcohol	2.049	59	169215	9.144	ppbv	99
18) 1,1-Dichloroethene	2.043	96	64914	10.320	ppbv	99
19) Isopropyl Alcohol	1.894	45	85293	10.039	ppbv #	36
20) Methylene Chloride	2.069	84	66711	11.923	ppbv	96
21) Allyl Chloride	2.104	41	105215	9.845	ppbv	98
22) trans-1,2-Dichloroethene	2.350	96	70772	9.652	ppbv	98
23) Vinyl Acetate	2.473	43	85199	8.192	ppbv #	96
24) 1,1-Dichloroethane	2.418	63	143507	10.518	ppbv	99
25) Ethyl Acetate	2.849	43	522573	8.826	ppbv	99
26) Hexane	2.839	57	215056	8.985	ppbv	97
27) Carbon Disulfide	2.159	76	168859	10.407	ppbv	99
28) Methyl tert-Butyl Ether	2.454	73	106277	8.918	ppbv	97
29) Chloroform	2.862	83	281634	8.743	ppbv	99
30) Cyclohexane	3.875	84	154902	7.973	ppbv	97
31) cis-1,2-Dichloroethene	2.732	61	175545	7.747	ppbv	98
32) 1,1,1-Trichloroethane	3.383	97	255298	8.170	ppbv	96
34) 2-Butanone	2.570	43	280367	9.093	ppbv	97
35) Carbon Tetrachloride	3.781	117	267761	9.811	ppbv	96
36) Benzene	3.674	78	370323	8.938	ppbv	98
37) 1,2-Dichloroethane	3.234	62	208967	9.097	ppbv	99
38) Trichloroethene	4.574	130	139636	8.253	ppbv	98
39) 1,2-Dichloropropane	4.334	63	139773	8.888	ppbv	99
40) 1,4-Dioxane	4.609	88	64556	8.992	ppbv #	99
41) Tetrahydrofuran	3.069	42	158186	8.682	ppbv	97
42) Bromodichloromethane	4.512	83	280274	9.055	ppbv	100
43) Methyl Methacrylate	4.904	69	130801	8.084	ppbv	98
44) 2,2,4-Trimethylpentane	4.661	57	671554	9.184	ppbv	98
45) t-1,3-Dichloropropene	6.441	75	115280	7.171	ppbv	95

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Manual Integrations
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Quant Time: Mar 18 01:21:32 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

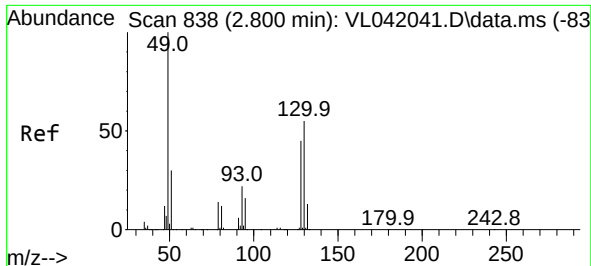
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.626	75	165501	7.956	ppbv	96
47) 1,1,2-Trichloroethane	6.610	97	145150	9.091	ppbv	96
48) Dibromochloromethane	7.409	129	224553	8.980	ppbv	98
49) Bromoform	9.500	173	200168	9.218	ppbv	97
50) 4-Methyl-2-Pentanone	5.784	43	373666	9.370	ppbv	96
51) 2-Hexanone	7.461	43	295520	10.767	ppbv #	95
52) Tetrachloroethene	8.247	164	118316	8.341	ppbv	93
53) Toluene	6.959	91	381354	8.235	ppbv	99
54) 1,2-Dibromoethane	7.678	107	185862	8.611	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.943	131	184992	9.709	ppbv	99
57) Chlorobenzene	8.940	112	331509	9.485	ppbv	98
58) Ethyl Benzene	9.374	91	534526	8.610	ppbv	96
59) m/p-Xylene	9.571	91	917985m	18.581	ppbv	
60) o-Xylene	9.979	91	462522	9.313	ppbv	99
61) Styrene	9.888	104	197855	8.473	ppbv	97
62) Isopropylbenzene	10.555	105	683249	9.185	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.982	83	329971	10.088	ppbv	99
64) n-propylbenzene	11.005	120	188690	9.671	ppbv	98
65) tert-Butylbenzene	11.546	119	630108	9.308	ppbv	98
66) Benzyl Chloride	11.626	91	45119	8.734	ppbv #	98
67) sec-Butylbenzene	11.782	105	911015	9.410	ppbv	99
69) p-Isopropyltoluene	11.940	119	729864	9.476	ppbv	98
70) n-Butylbenzene	12.293	91	749368	9.531	ppbv	99
71) 2-Chlorotoluene	10.918	91	510373	8.901	ppbv	99
72) 4-Ethyltoluene	11.141	105	565254	9.321	ppbv	99
73) 1,3,5-Trimethylbenzene	11.219	105	475661	9.043	ppbv	100
74) 1,2,4-Trimethylbenzene	11.552	105	555462	9.378	ppbv	94
75) 1,3-Dichlorobenzene	11.623	146	328628	9.640	ppbv	97
76) 1,4-Dichlorobenzene	11.685	146	317775	9.389	ppbv	99
77) 1,2-Dichlorobenzene	11.960	146	322801	9.758	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	225792	8.772	ppbv	99
79) Naphthalene	13.526	128	468885	11.545	ppbv	99
80) Naphthalene,2-methyl-	14.471	142	135870	12.224	ppbv	99
81) 1,2,4-Trichlorobenzene	13.452	180	210617	9.305	ppbv	97

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



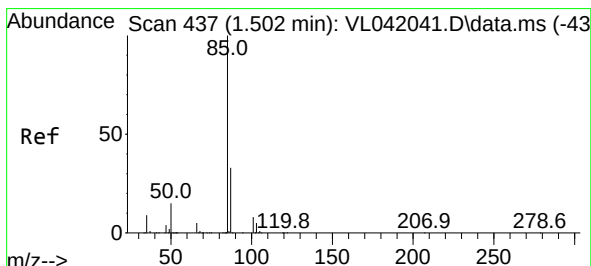
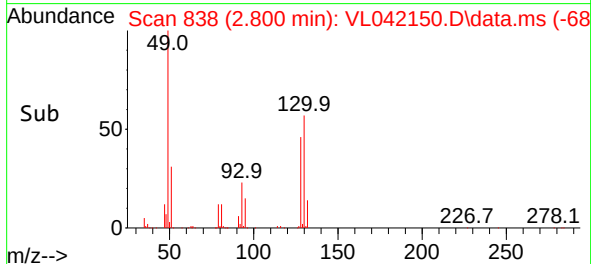
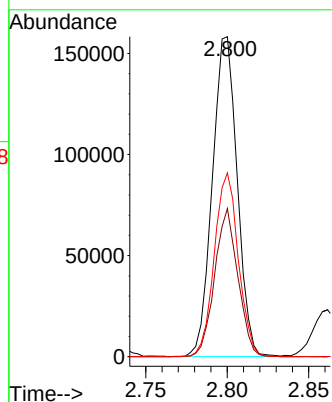
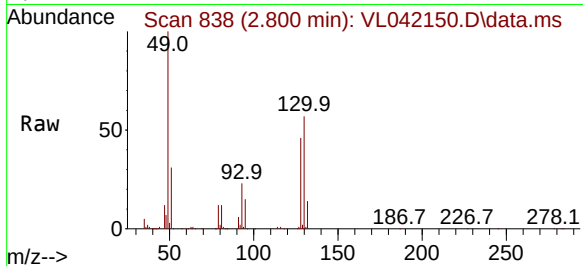
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 838
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 167493
Ion Ratio Lower Upper
49 100
128 43.3 21.6 64.8
130 55.5 27.8 83.4

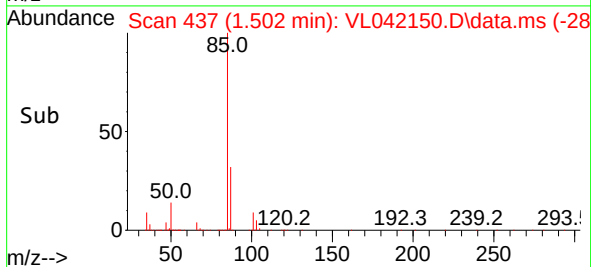
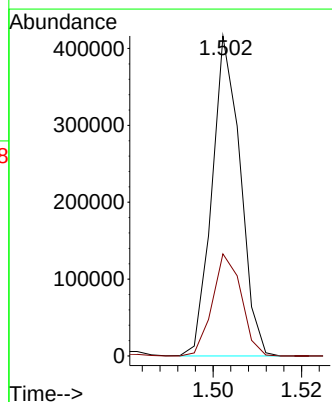
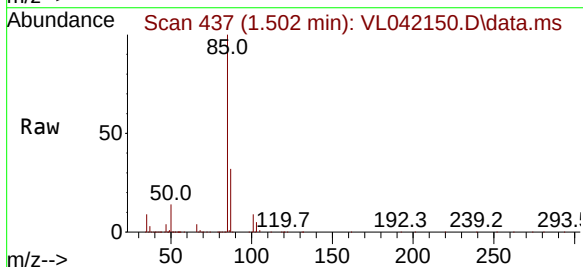
Manual Integrations
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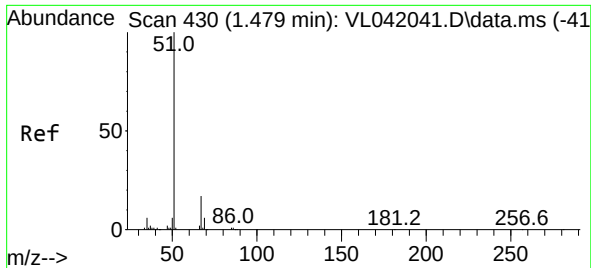
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#2
Dichlorodifluoromethane
Concen: 10.618 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

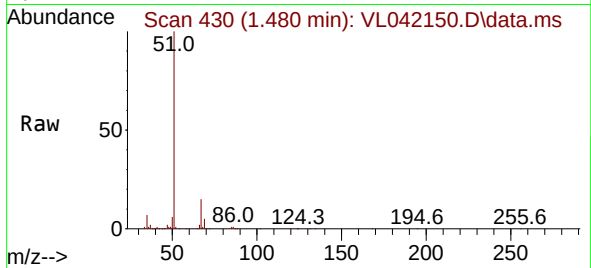
Tgt Ion: 85 Resp: 184928
Ion Ratio Lower Upper
85 100
87 31.9 26.4 39.6





#3
Chlorodifluoromethane
Concen: 9.058 ppbv
RT: 1.480 min Scan# 430
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

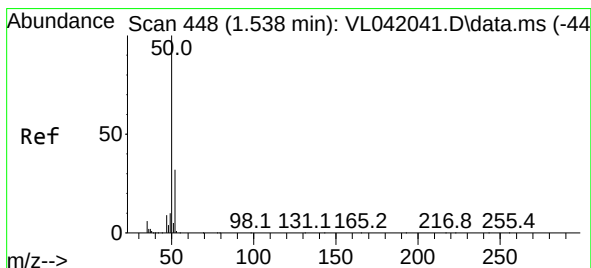
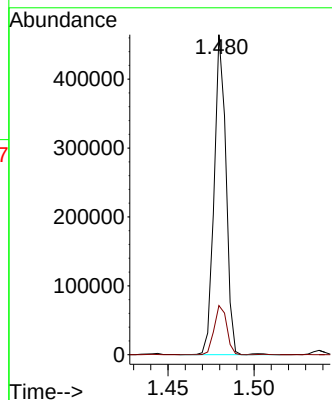
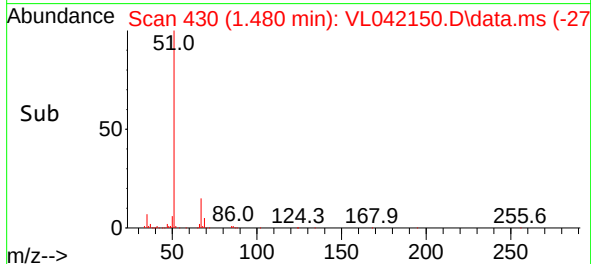
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



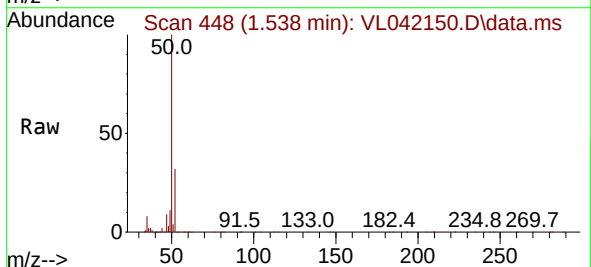
Tgt Ion: 51 Resp: 220495
Ion Ratio Lower Upper
51 100
67 16.5 13.7 20.5

Manual Integrations
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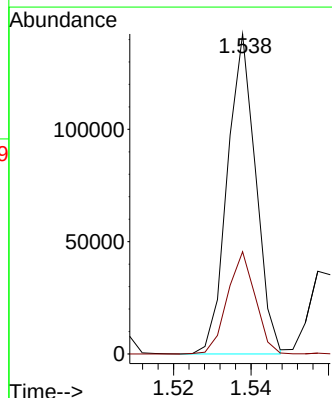
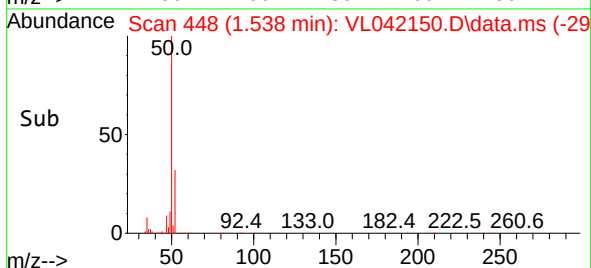
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

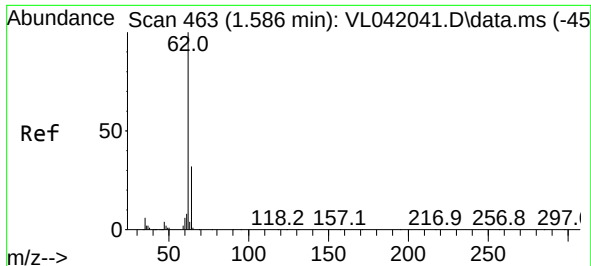


#4
Chloromethane
Concen: 11.254 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



Tgt Ion: 50 Resp: 72484
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0





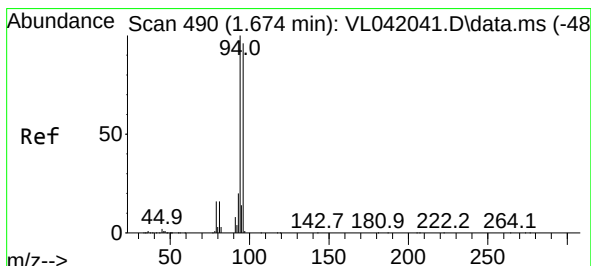
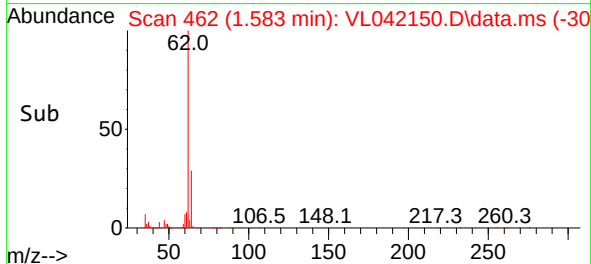
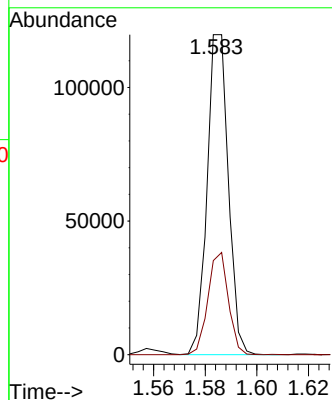
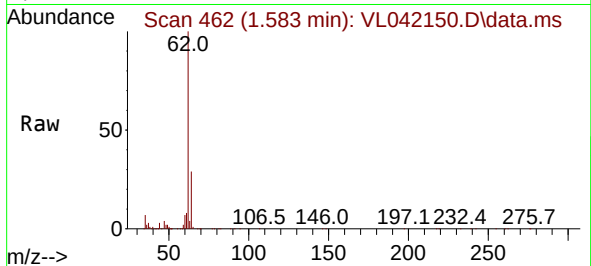
#5
 Vinyl Chloride
 Concen: 11.241 ppbv
 RT: 1.583 min Scan# 40
 Delta R.T. -0.003 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 68484
 Ion Ratio Lower Upper
 62 100
 64 29.4 25.3 37.9

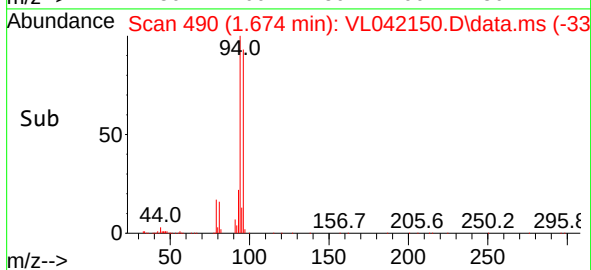
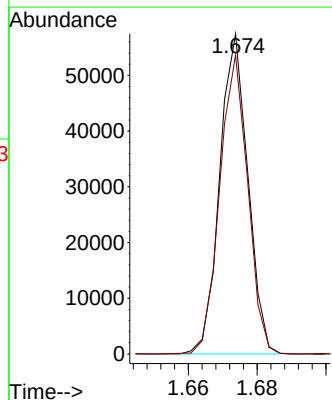
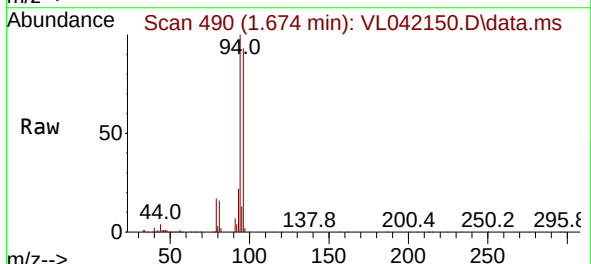
Manual Integrations
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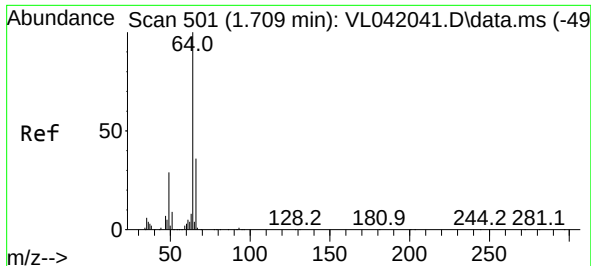
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#6
 Bromomethane
 Concen: 11.245 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

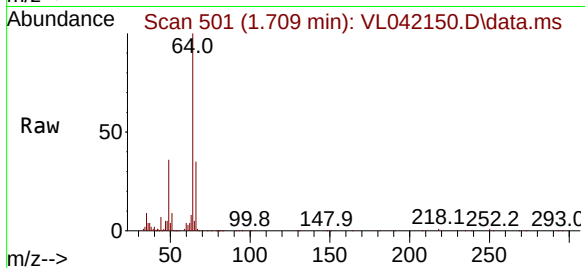
Tgt Ion: 94 Resp: 32623
 Ion Ratio Lower Upper
 94 100
 96 93.2 76.5 114.7





#7
Chloroethane
Concen: 10.766 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

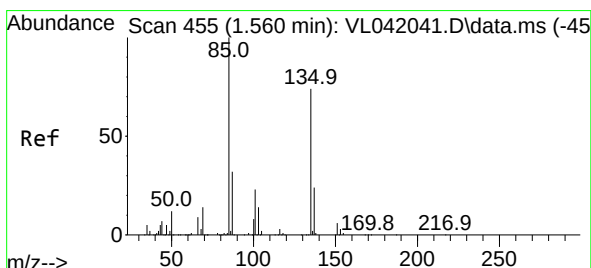
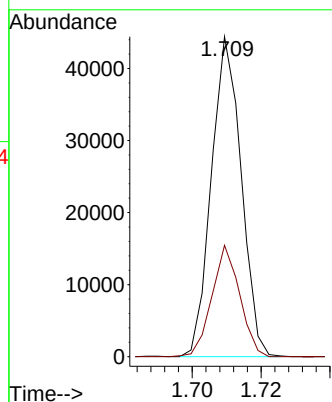
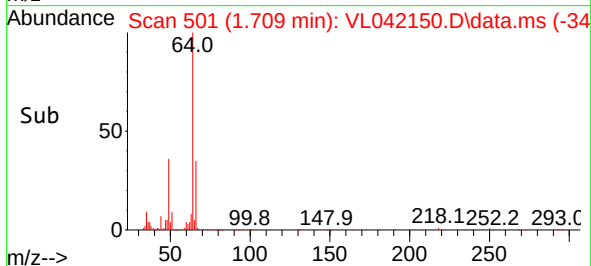
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



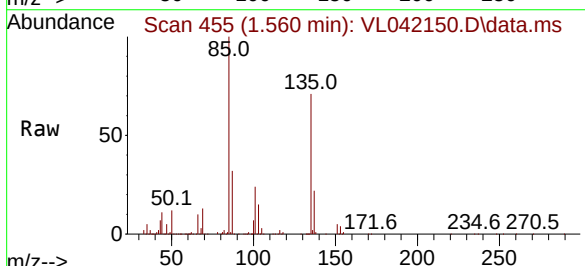
Tgt Ion: 64 Resp: 26650
Ion Ratio Lower Upper
64 100
66 34.8 28.4 42.6

Manual Integrations
APPROVED

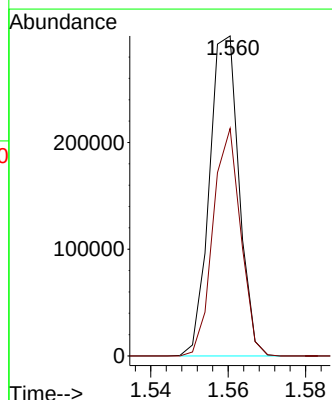
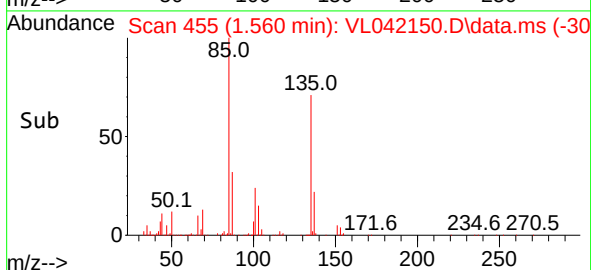
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

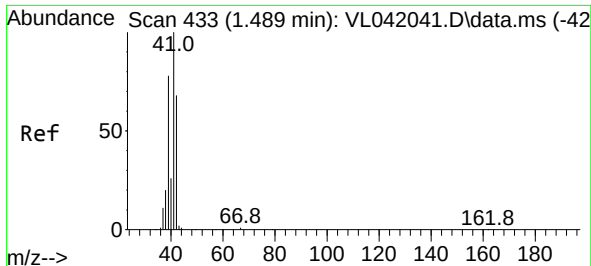


#8
Dichlorotetrafluoroethane
Concen: 11.144 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



Tgt Ion: 85 Resp: 159560
Ion Ratio Lower Upper
85 100
135 66.3 54.6 81.8





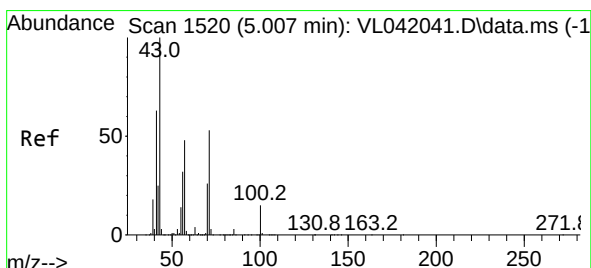
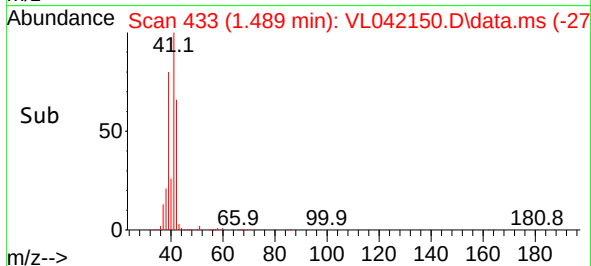
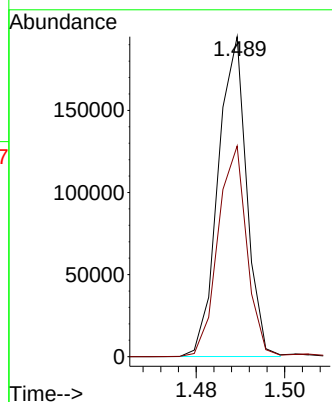
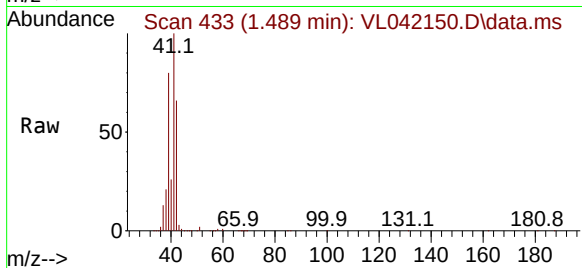
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 Propene
 Concen: 8.803 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 87298
 Ion Ratio Lower Upper
 41 100
 42 68.2 55.8 83.6

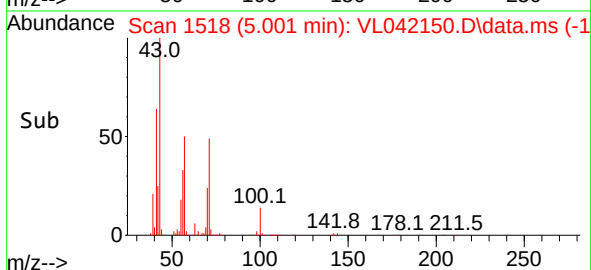
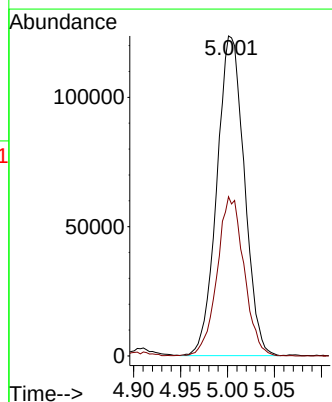
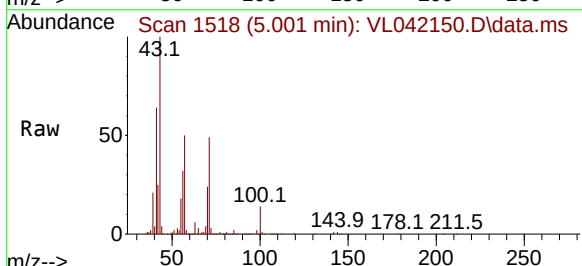
Manual Integrations
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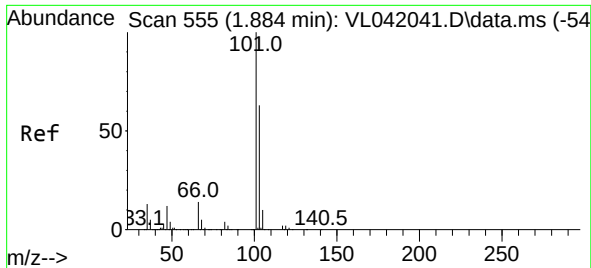
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#10
 Heptane
 Concen: 8.126 ppbv
 RT: 5.001 min Scan# 1518
 Delta R.T. -0.006 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

Tgt Ion: 43 Resp: 250907
 Ion Ratio Lower Upper
 43 100
 57 48.9 39.4 59.0





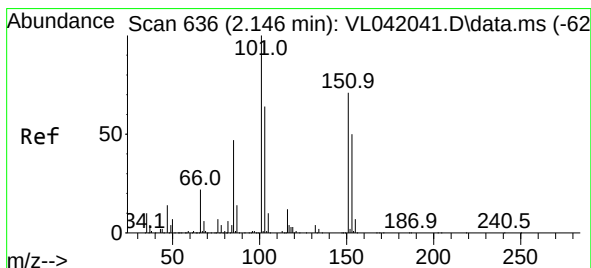
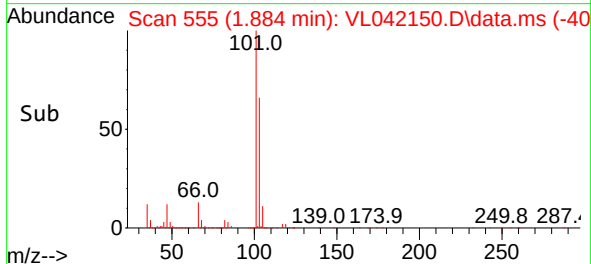
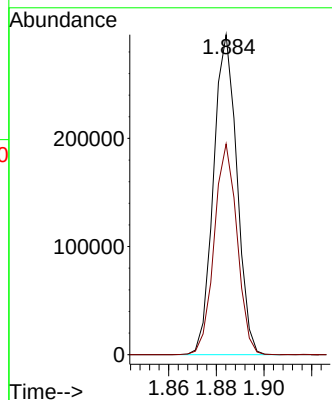
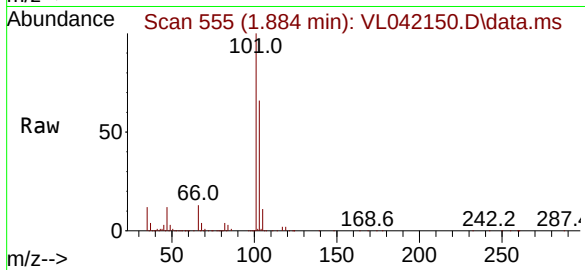
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 Trichlorofluoromethane
 Concen: 11.542 ppbv
 RT: 1.884 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 201429
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.6 75.8

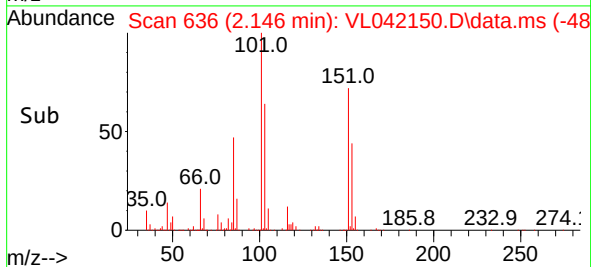
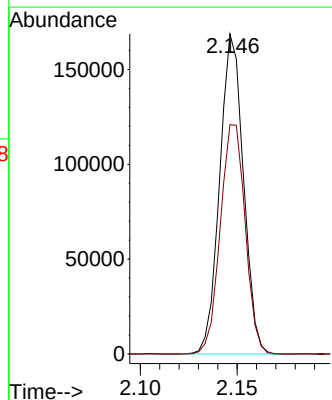
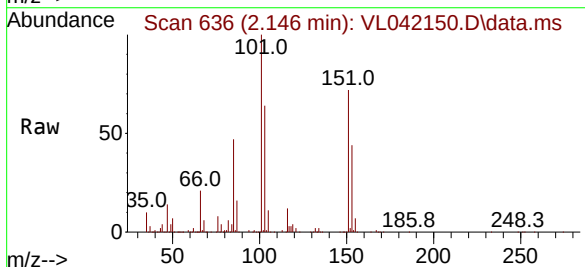
Manual Integrations
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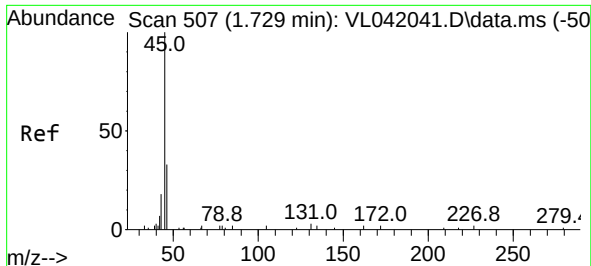
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.302 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.000 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

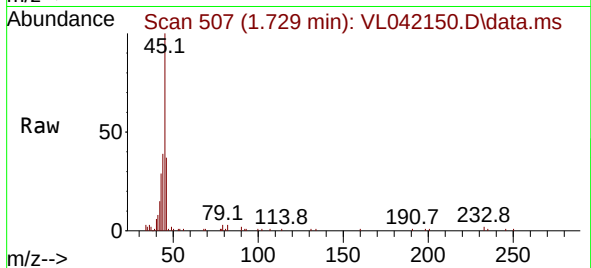
Tgt Ion:101 Resp: 143413
 Ion Ratio Lower Upper
 101 100
 151 75.3 62.6 94.0





#13
Ethanol
Concen: 10.794 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

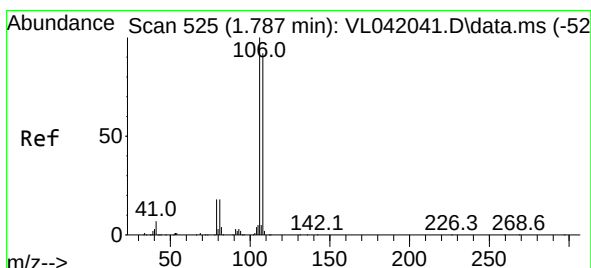
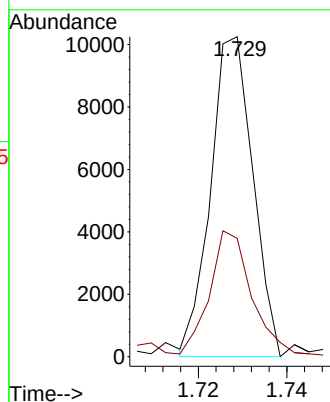
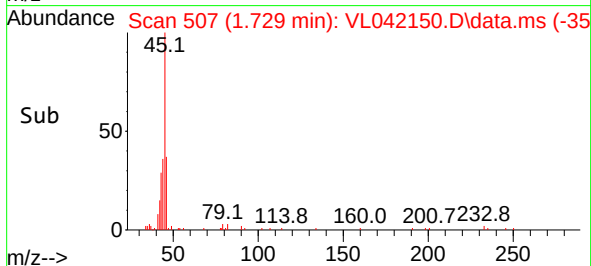
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



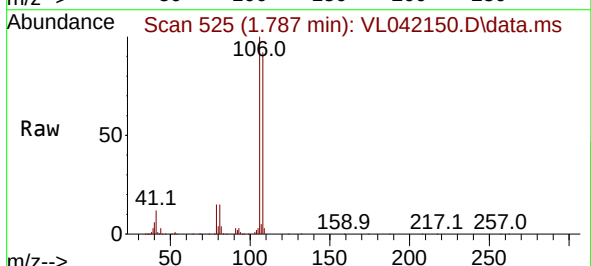
Tgt Ion: 45 Resp: 6795
Ion Ratio Lower Upper
45 100
46 46.9 17.1 68.3

Manual Integrations
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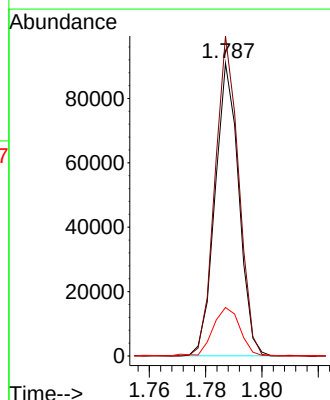
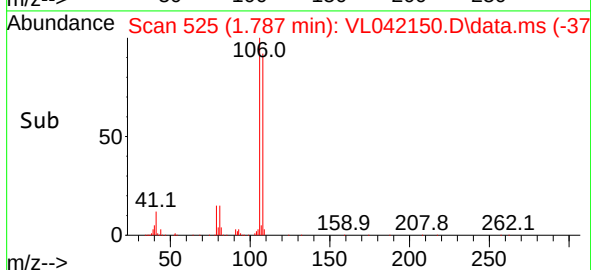
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

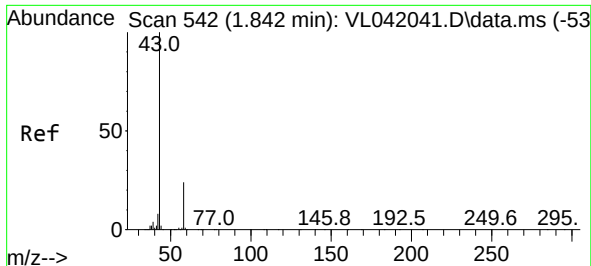


#14
Bromoethene
Concen: 10.823 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



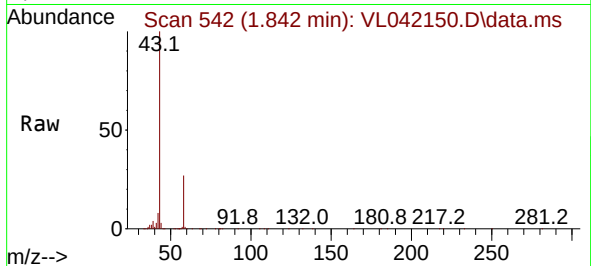
Tgt Ion:108 Resp: 53205
Ion Ratio Lower Upper
108 100
106 108.6 85.4 128.0
79 19.3 16.5 24.7





#15
Acetone
Concen: 10.436 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

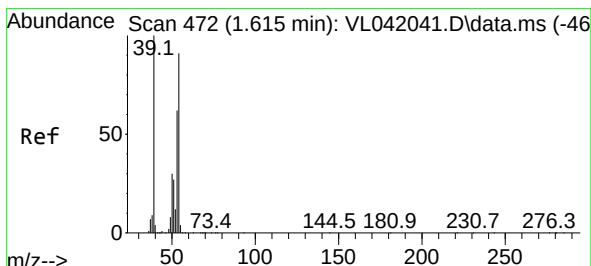
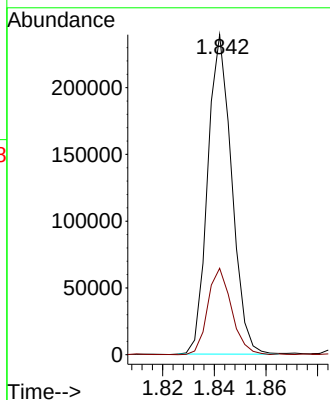
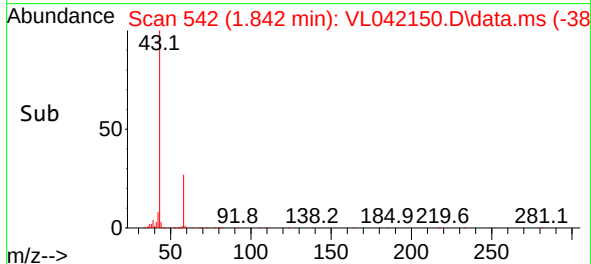
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



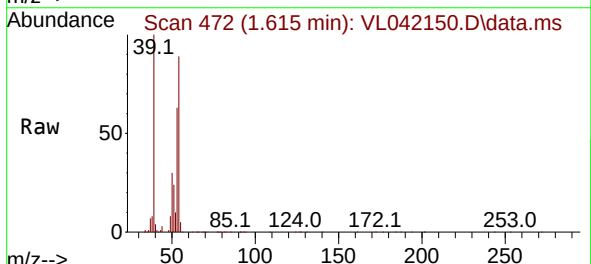
Tgt Ion: 43 Resp: 154350
Ion Ratio Lower Upper
43 100
58 27.2 20.7 31.1

Manual Integrations
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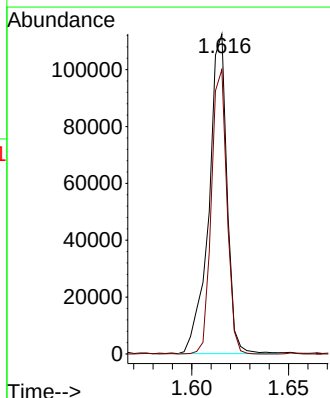
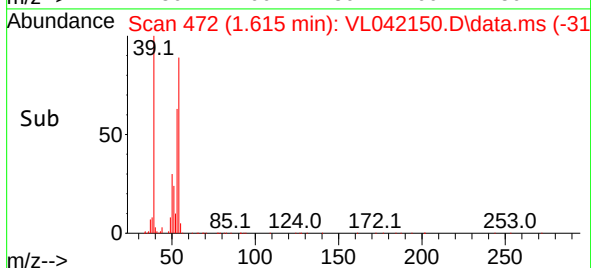
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

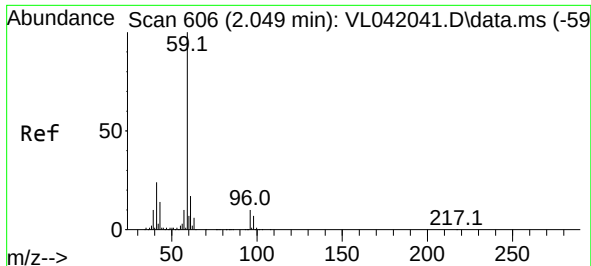


#16
1,3-Butadiene
Concen: 10.630 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



Tgt Ion: 39 Resp: 73169
Ion Ratio Lower Upper
39 100
54 76.3 59.6 89.4





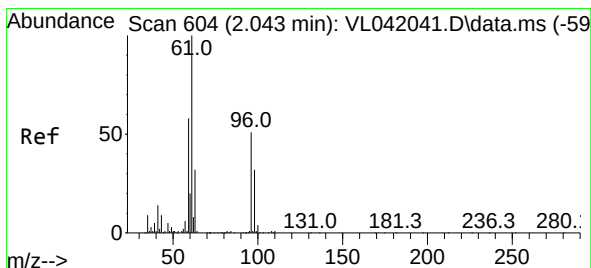
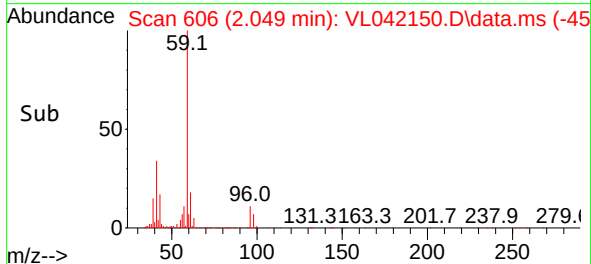
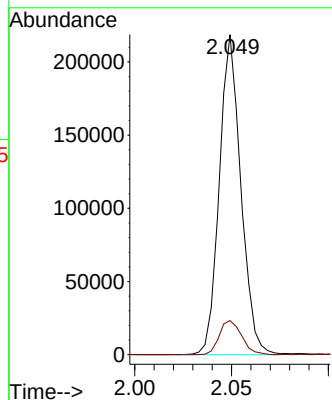
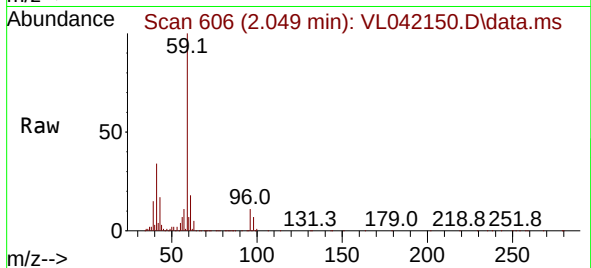
#17
tert-Butyl alcohol
Concen: 9.144 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 169215
Ion Ratio Lower Upper
59 100
57 11.1 9.3 13.9

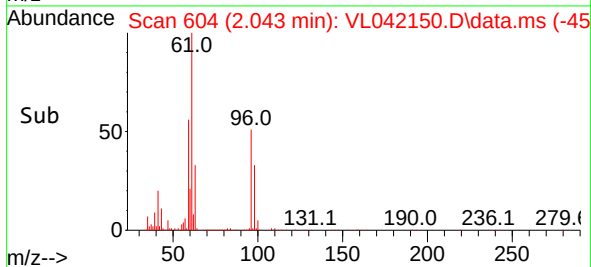
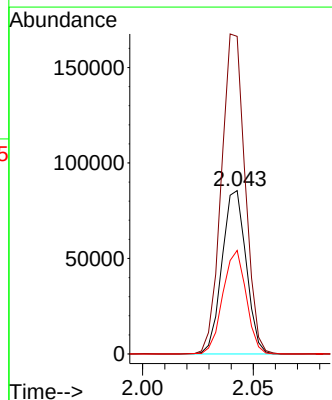
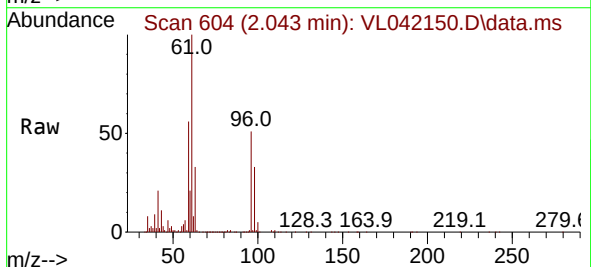
Manual Integrations
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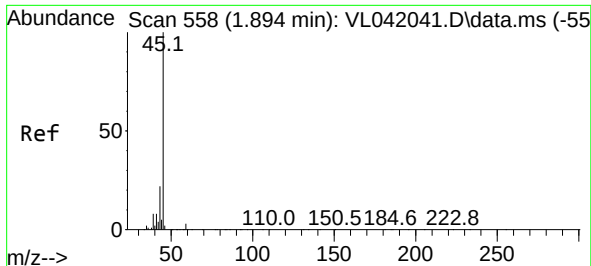
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#18
1,1-Dichloroethene
Concen: 10.320 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Tgt Ion: 96 Resp: 64914
Ion Ratio Lower Upper
96 100
61 194.5 156.0 234.0
98 63.4 49.4 74.2





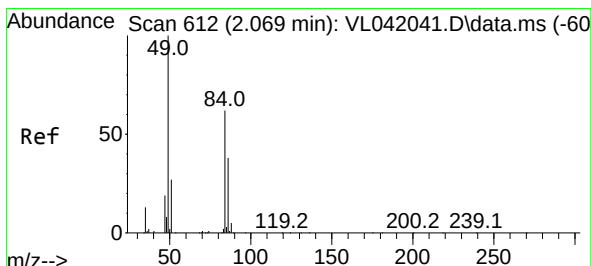
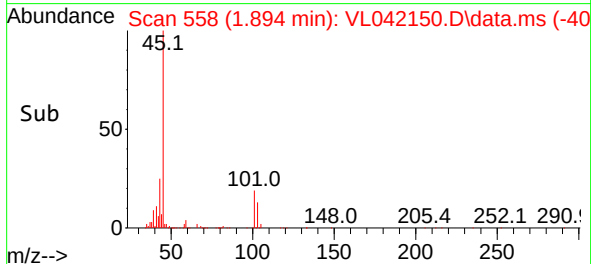
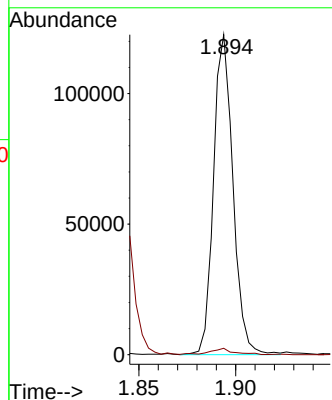
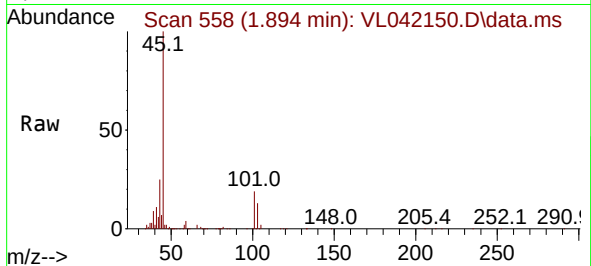
#19
Isopropyl Alcohol
Concen: 10.039 ppbv
RT: 1.894 min Scan# 558
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 85293
Ion Ratio Lower Upper
45 100
58 2.6 35.3 52.9

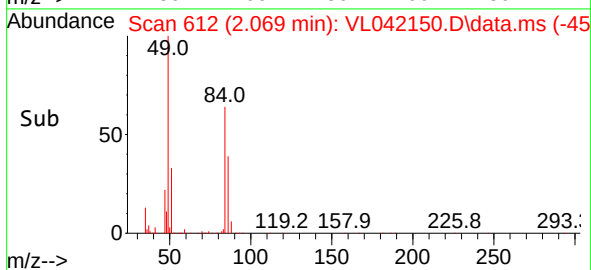
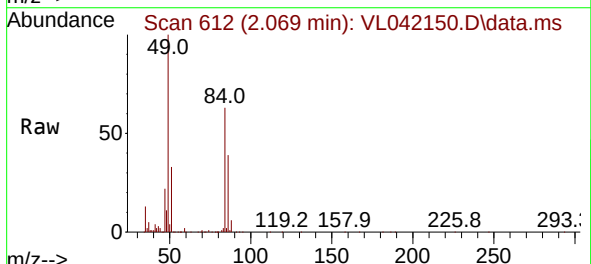
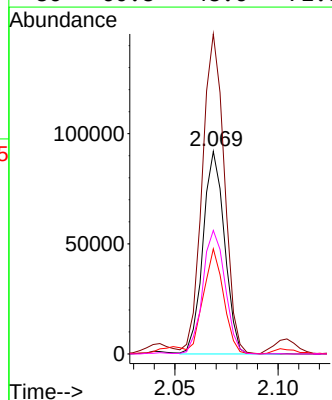
Manual Integrations
APPROVED

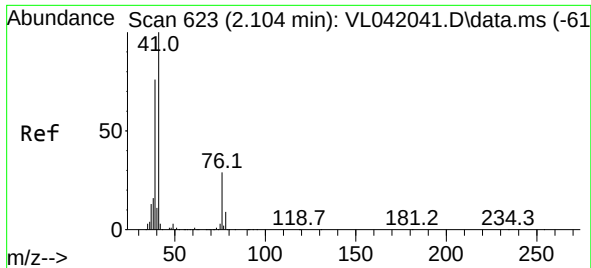
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#20
Methylene Chloride
Concen: 11.923 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Tgt Ion: 84 Resp: 66711
Ion Ratio Lower Upper
84 100
49 155.9 130.0 195.0
51 49.2 37.4 56.0
86 60.8 48.6 72.8





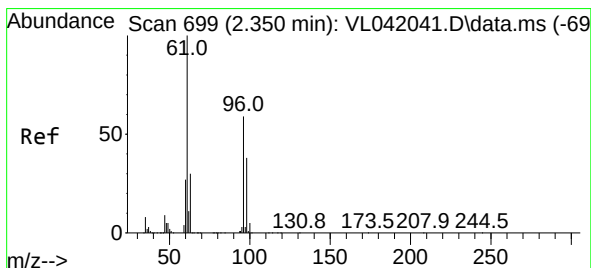
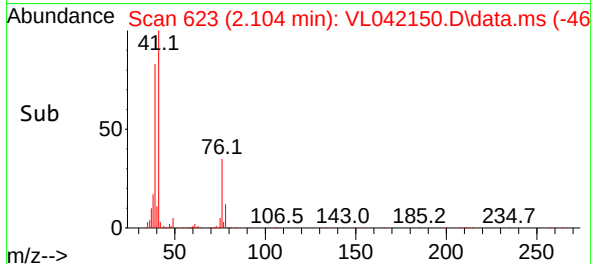
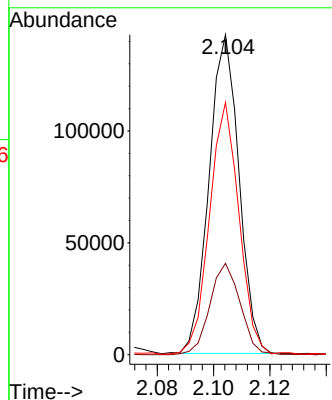
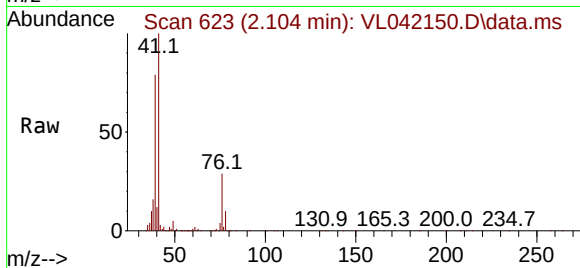
#21
 Allyl Chloride
 Concen: 9.845 ppbv
 RT: 2.104 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 105215
 Ion Ratio Lower Upper
 41 100
 76 28.9 23.8 35.6
 39 78.1 63.8 95.6

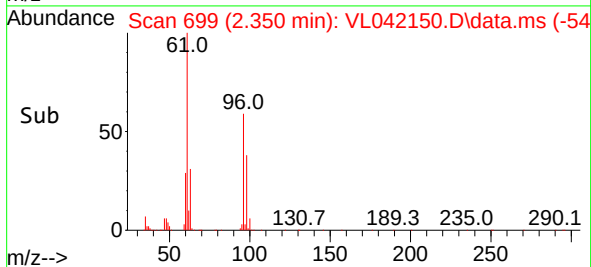
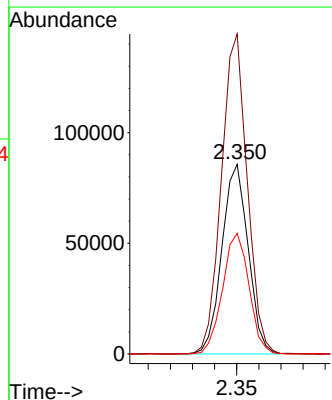
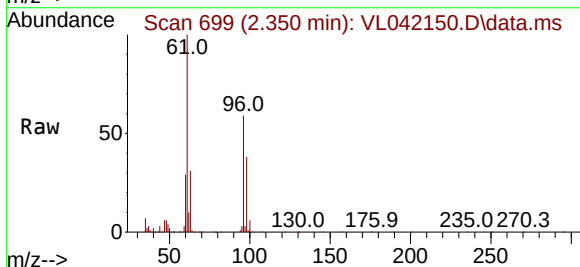
Manual Integrations
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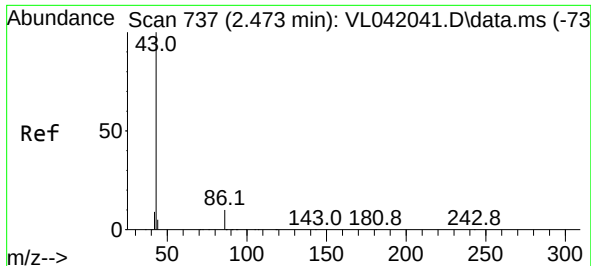
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.652 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.000 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

Tgt Ion: 96 Resp: 70772
 Ion Ratio Lower Upper
 96 100
 61 168.6 136.6 205.0
 98 63.6 51.8 77.6





#23
 Vinyl Acetate
 Concen: 8.192 ppbv
 RT: 2.473 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

Instrument :

MSVOA_L

ClientSampleId :

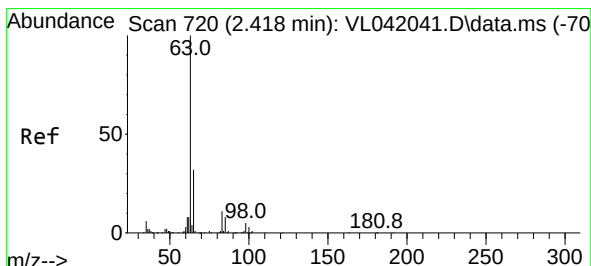
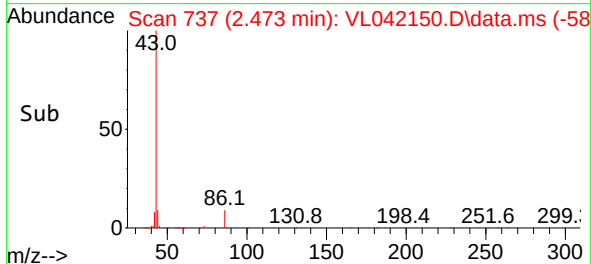
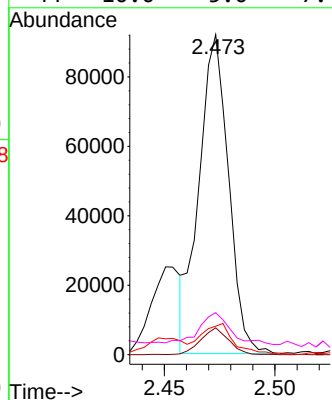
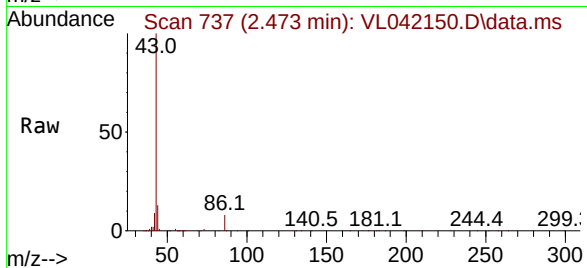
VSTDCCC010

Tgt Ion: 43 Resp: 85199
 Ion Ratio Lower Upper
 43 100
 86 8.4 7.0 10.4
 42 8.4 7.6 11.4
 44 10.0 5.0 7.4#

Manual Integrations

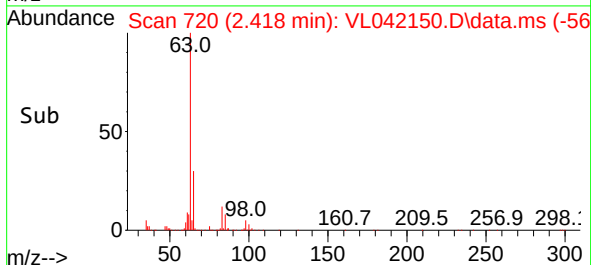
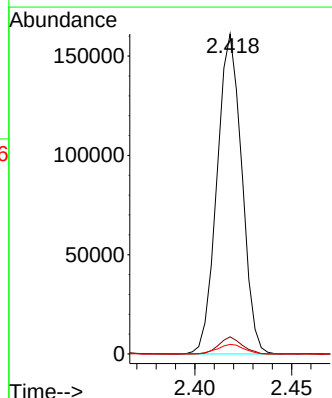
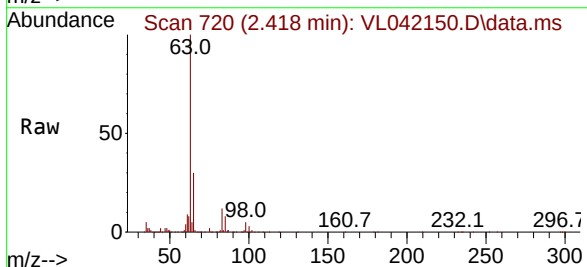
APPROVED

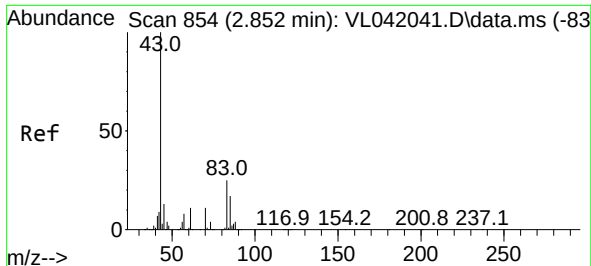
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#24
 1,1-Dichloroethane
 Concen: 10.518 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

Tgt Ion: 63 Resp: 143507
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.4 7.2
 100 3.0 1.7 5.0





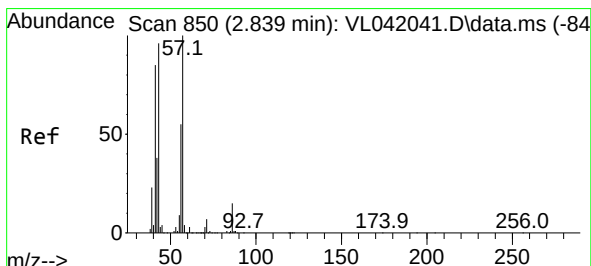
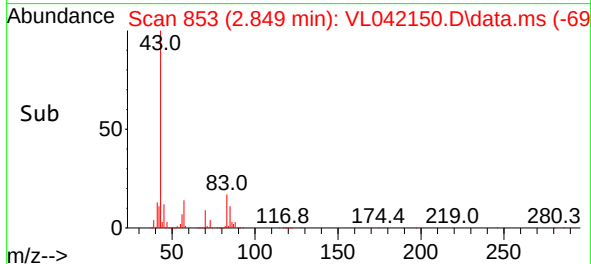
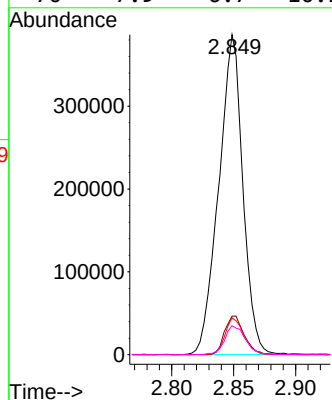
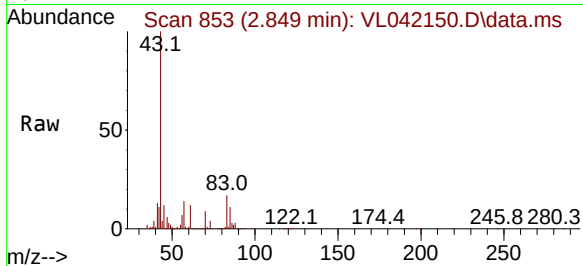
#25
Ethyl Acetate
Concen: 8.826 ppbv
RT: 2.849 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 52257
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 9.0 7.2 10.8
70 7.9 6.7 10.1

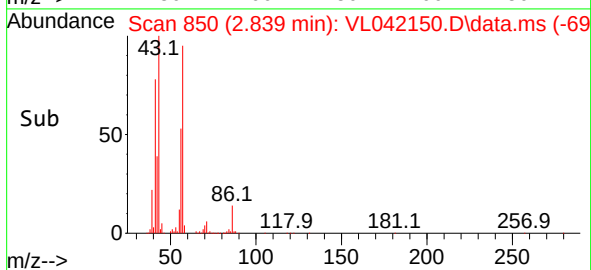
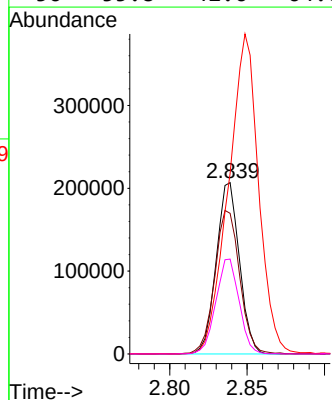
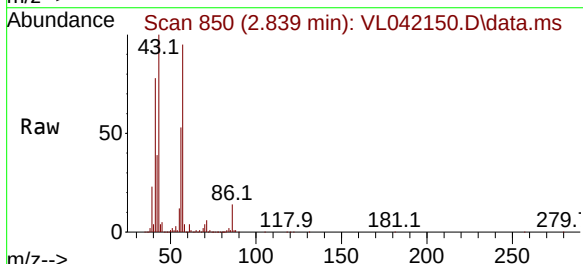
Manual Integrations
APPROVED

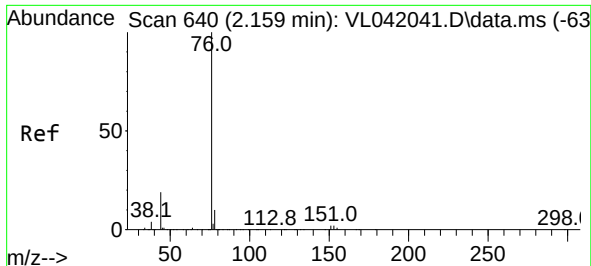
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#26
Hexane
Concen: 8.985 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

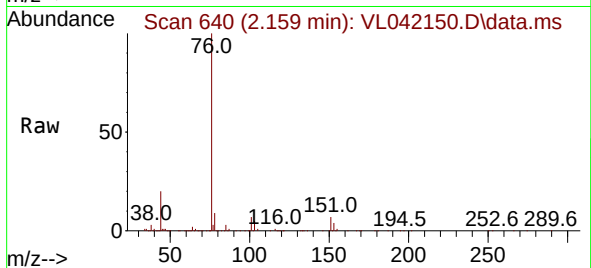
Tgt Ion: 57 Resp: 215056
Ion Ratio Lower Upper
57 100
41 91.1 70.6 106.0
43 244.1 199.4 299.0
56 55.8 42.6 64.0





#27
Carbon Disulfide
Concen: 10.407 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

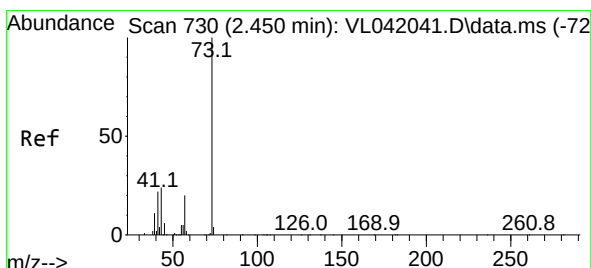
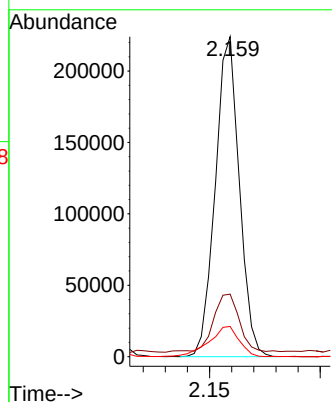
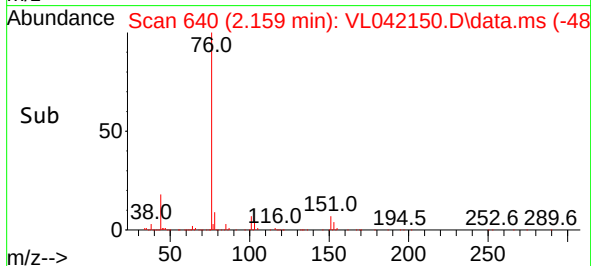
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



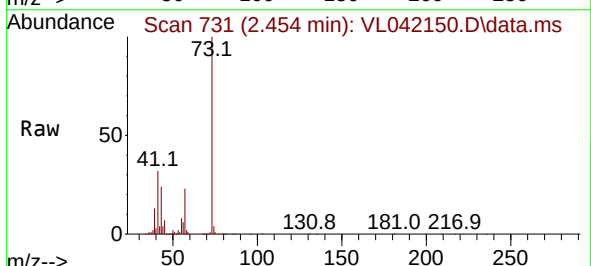
Tgt Ion: 76 Resp: 168859
Ion Ratio Lower Upper
76 100
44 19.8 16.2 24.2
78 11.9 9.4 14.0

Manual Integrations
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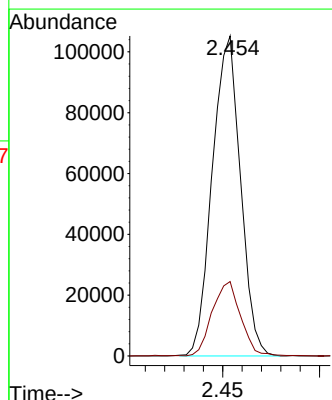
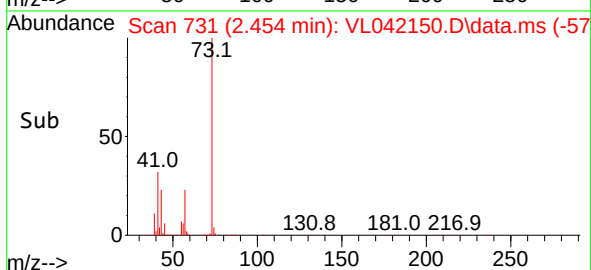
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

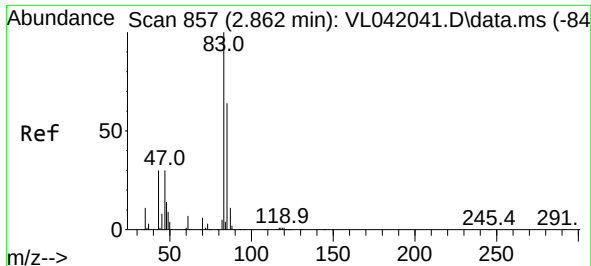


#28
Methyl tert-Butyl Ether
Concen: 8.918 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



Tgt Ion: 73 Resp: 106277
Ion Ratio Lower Upper
73 100
57 23.7 17.7 26.5





#29

Chloroform

Concen: 8.743 ppbv

RT: 2.862 min Scan# 857

Delta R.T. 0.000 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 281634

Ion Ratio Lower Upper

83 100

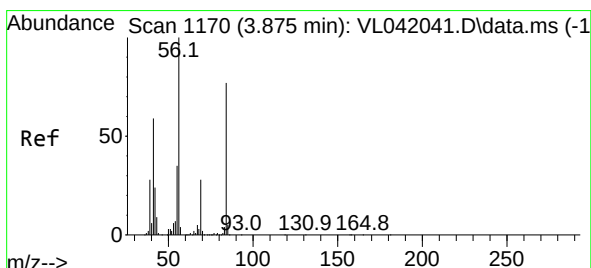
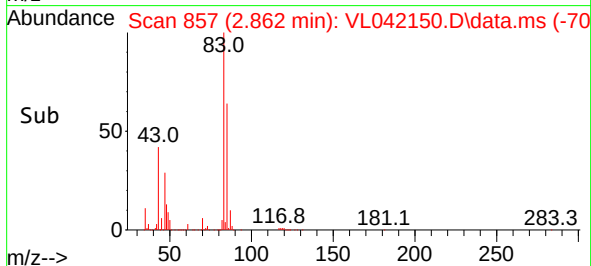
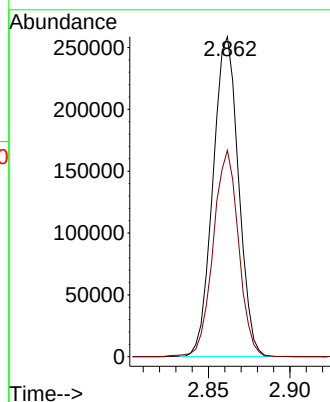
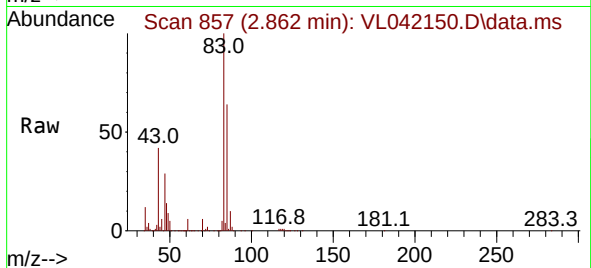
85 64.5 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#30

Cyclohexane

Concen: 7.973 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

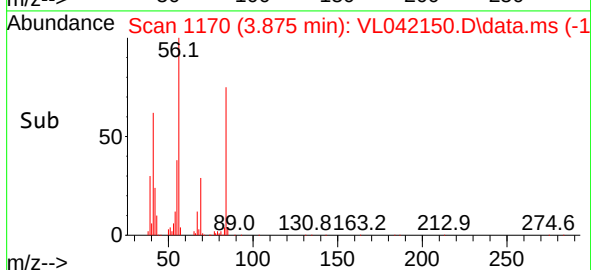
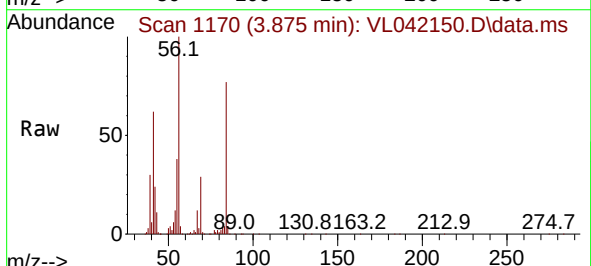
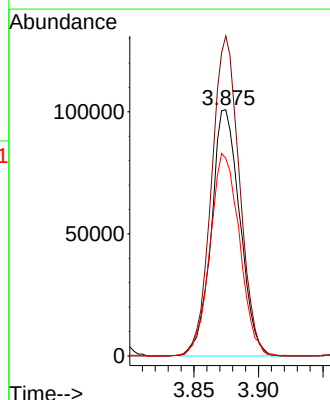
Tgt Ion: 84 Resp: 154902

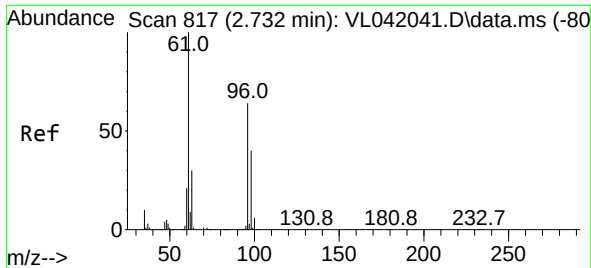
Ion Ratio Lower Upper

84 100

56 127.1 101.5 152.3

41 85.5 62.6 93.8





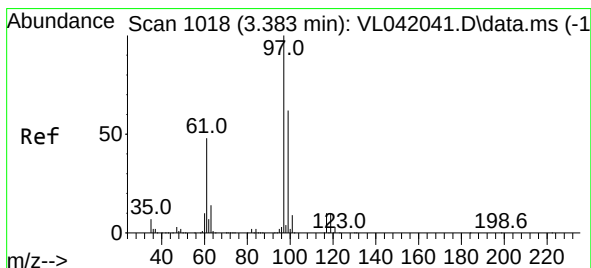
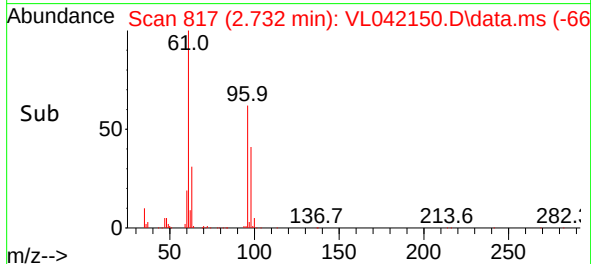
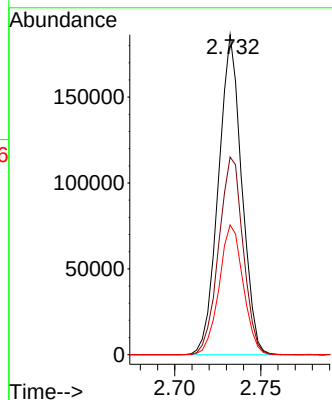
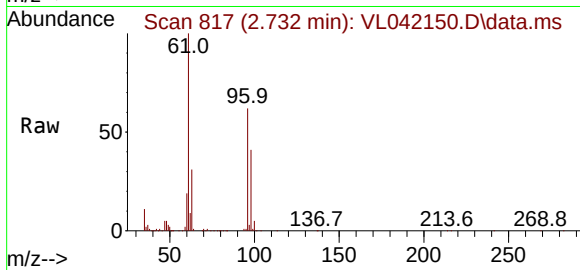
#31
 cis-1,2-Dichloroethene
 Concen: 7.747 ppbv
 RT: 2.732 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 175549
 Ion Ratio Lower Upper
 61 100
 96 61.7 51.5 77.3
 98 40.5 32.0 48.0

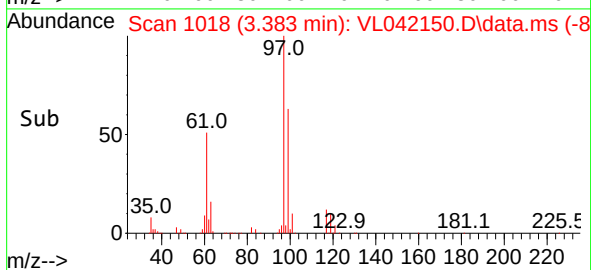
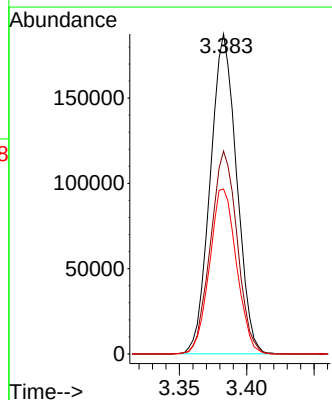
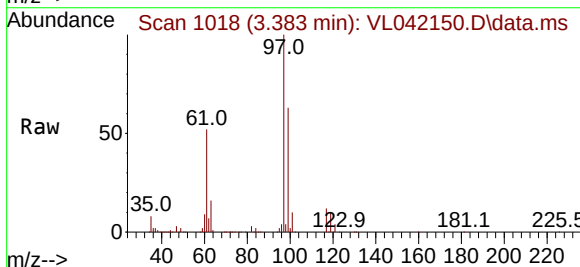
Manual Integrations
 APPROVED

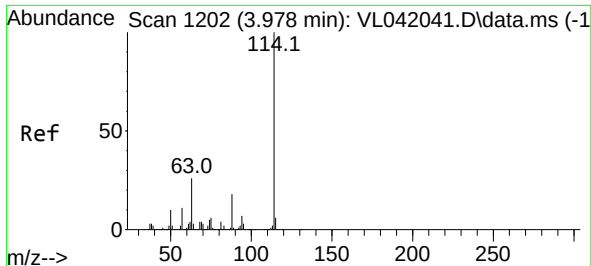
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#32
 1,1,1-Trichloroethane
 Concen: 8.170 ppbv
 RT: 3.383 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

Tgt Ion: 97 Resp: 255298
 Ion Ratio Lower Upper
 97 100
 99 64.2 49.8 74.6
 61 52.7 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

Instrument :

MSVOA_L

ClientSampleId :

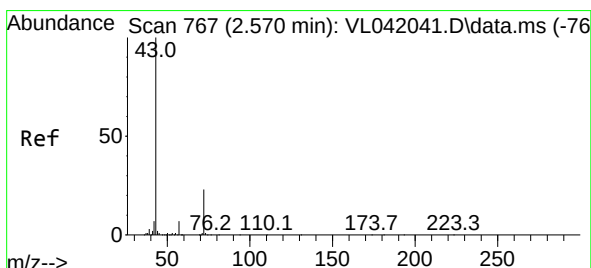
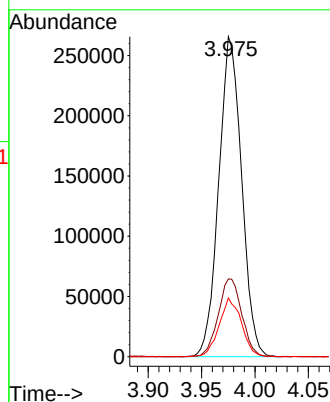
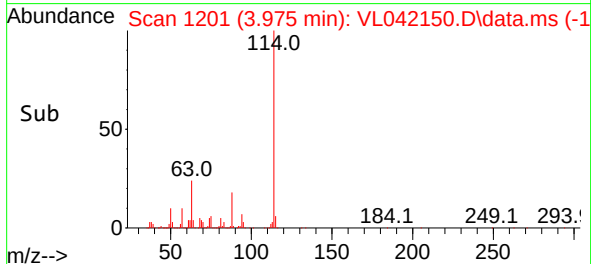
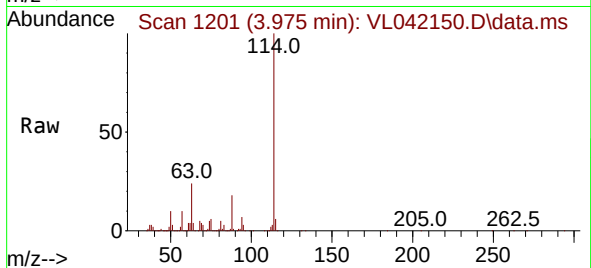
VSTDCCC010

Tgt Ion:114 Resp: 395790
 Ion Ratio Lower Upper
 114 100
 63 25.1 20.1 30.1
 88 17.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#34

2-Butanone

Concen: 9.093 ppbv

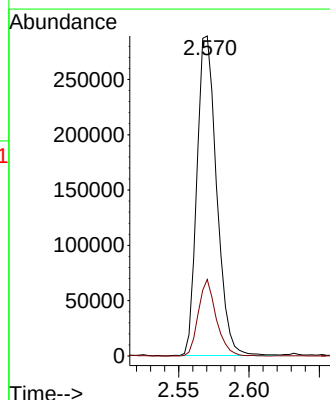
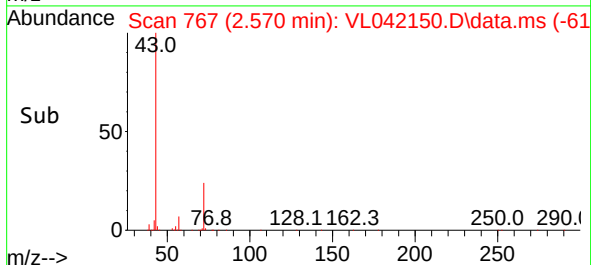
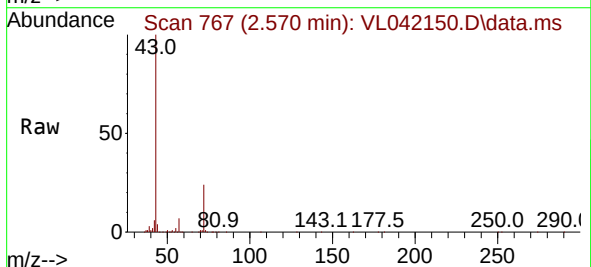
RT: 2.570 min Scan# 767

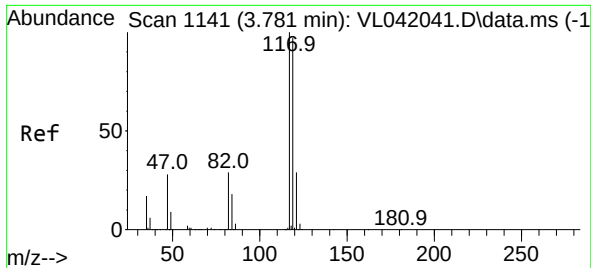
Delta R.T. 0.000 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

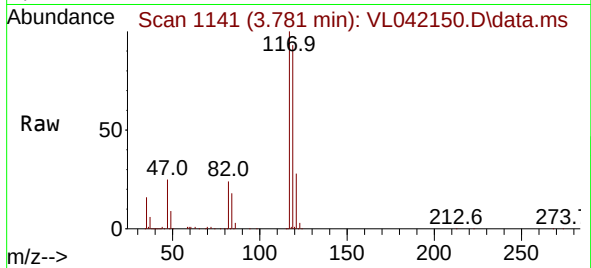
Tgt Ion: 43 Resp: 280367
 Ion Ratio Lower Upper
 43 100
 72 21.9 18.5 27.7





#35
Carbon Tetrachloride
Concen: 9.811 ppbv
RT: 3.781 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

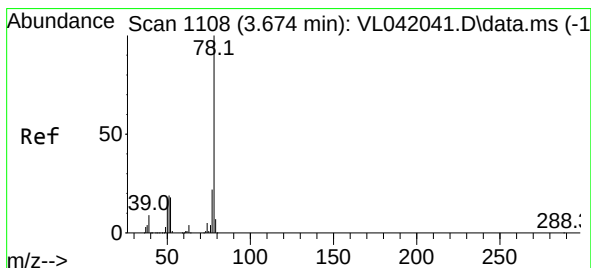
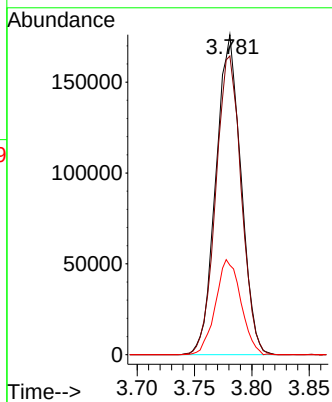
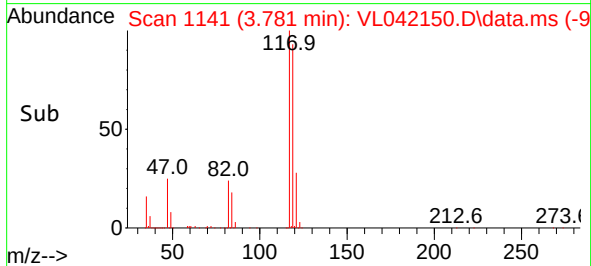
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



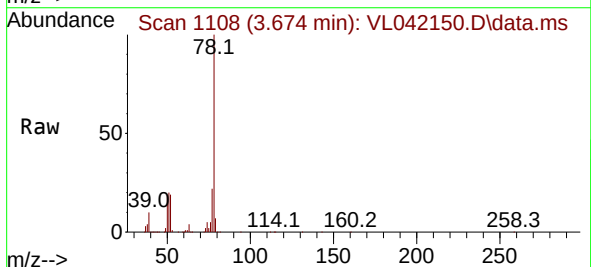
Tgt Ion:117 Resp: 26776
Ion Ratio Lower Upper
117 100
119 93.4 77.8 116.8
121 27.9 23.4 35.0

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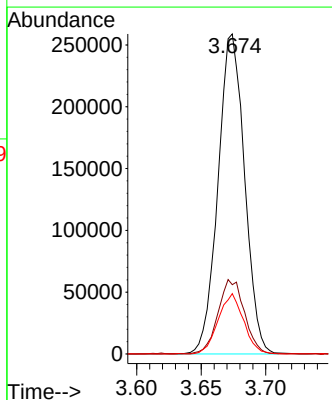
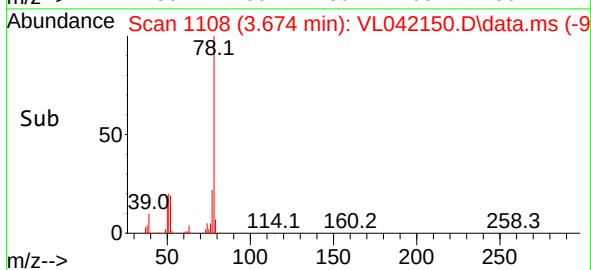
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

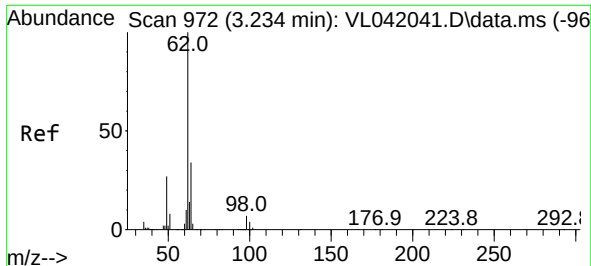


#36
Benzene
Concen: 8.938 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



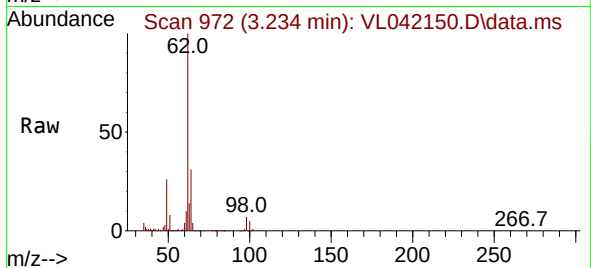
Tgt Ion: 78 Resp: 370323
Ion Ratio Lower Upper
78 100
77 21.6 17.7 26.5
50 18.8 13.9 20.9





#37
1,2-Dichloroethane
Concen: 9.097 ppbv
RT: 3.234 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

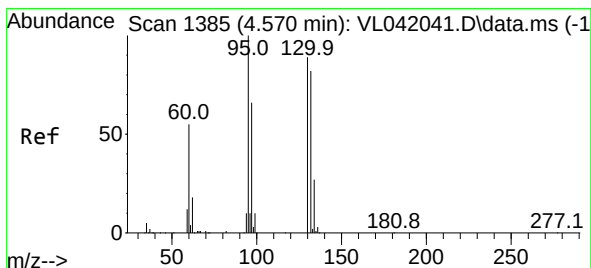
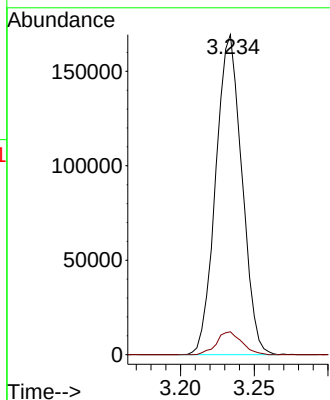
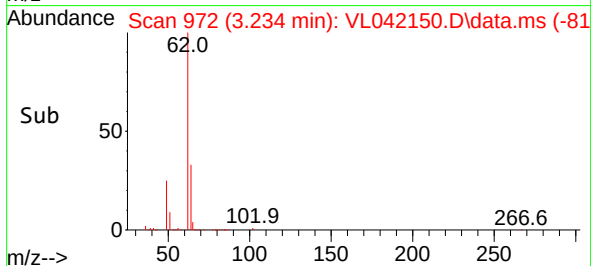
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



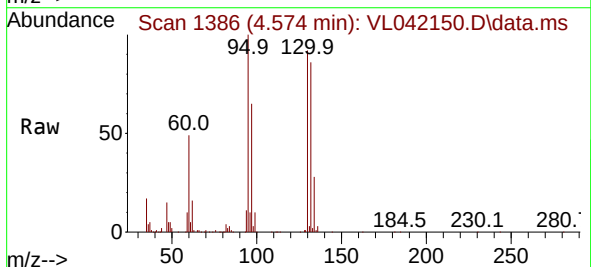
Tgt Ion: 62 Resp: 20896
Ion Ratio Lower Upper
62 100
98 6.9 5.7 8.5

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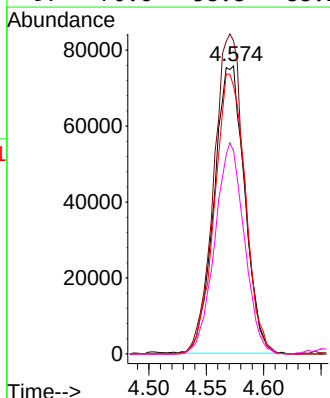
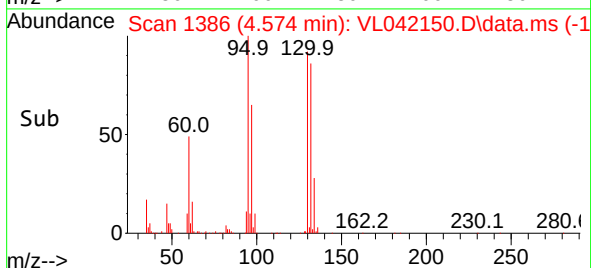
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

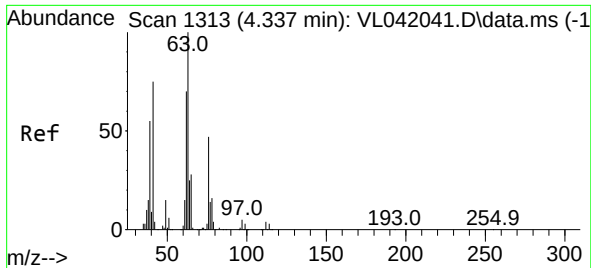


#38
Trichloroethene
Concen: 8.253 ppbv
RT: 4.574 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



Tgt Ion:130 Resp: 139636
Ion Ratio Lower Upper
130 100
95 108.7 89.5 134.3
132 93.3 73.8 110.6
97 70.6 58.8 88.2





#39

1,2-Dichloropropane

Concen: 8.888 ppbv

RT: 4.334 min Scan# 1312

Delta R.T. -0.003 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 13977

Ion Ratio Lower Upper

63 100

41 75.5 60.1 90.1

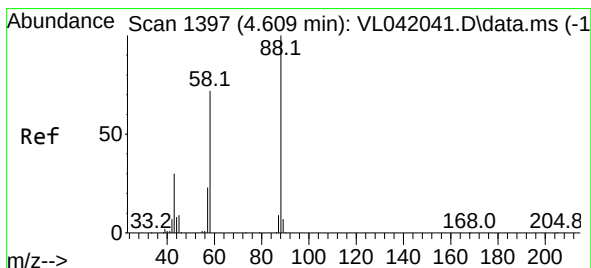
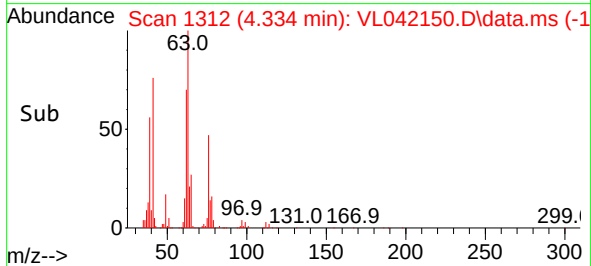
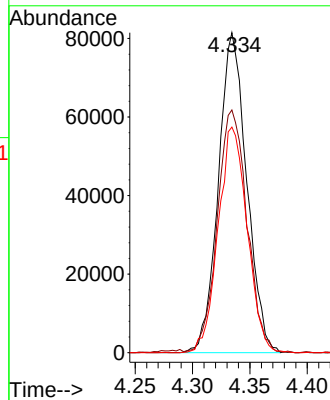
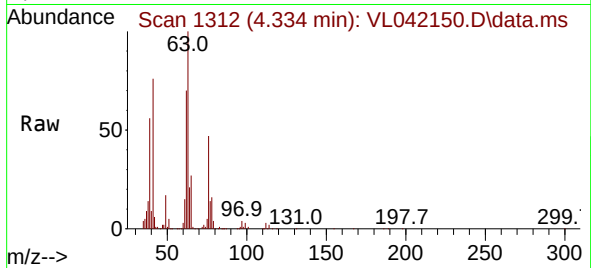
62 70.5 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#40

1,4-Dioxane

Concen: 8.992 ppbv

RT: 4.609 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

Tgt Ion: 88 Resp: 64556

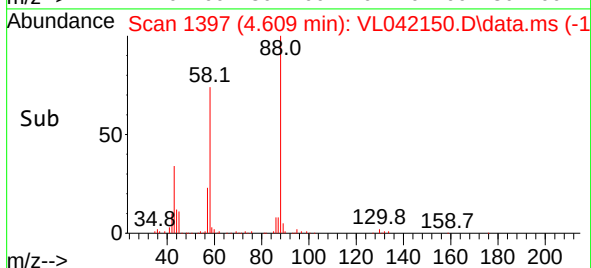
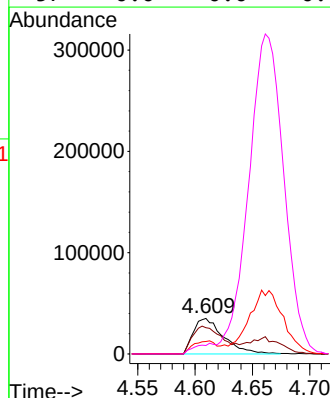
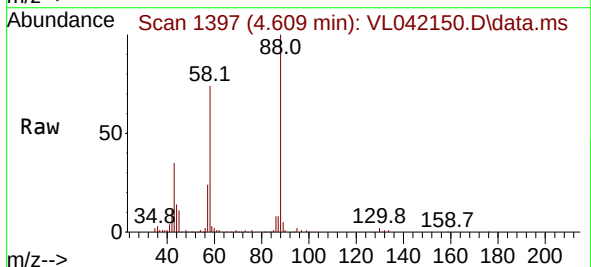
Ion Ratio Lower Upper

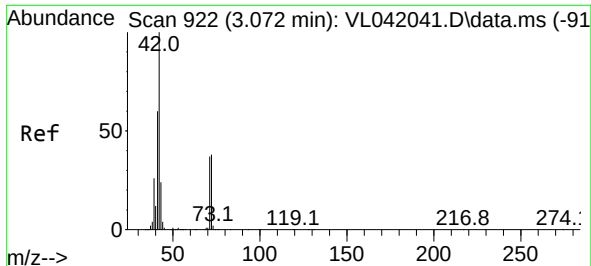
88 100

58 79.0 62.6 94.0

43 27.6 0.0 0.0#

57 0.0 0.0 0.0





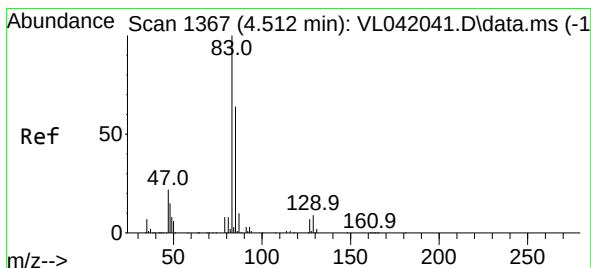
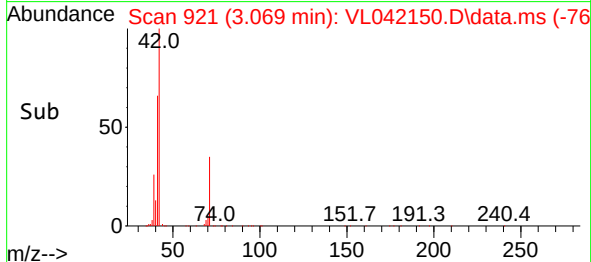
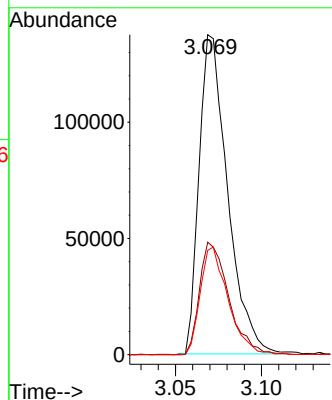
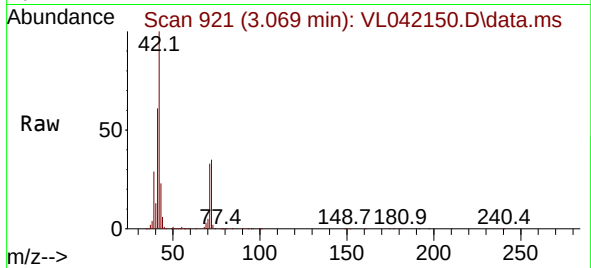
#41
Tetrahydrofuran
Concen: 8.682 ppbv
RT: 3.069 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 158180
Ion Ratio Lower Upper
42 100
72 36.2 30.2 45.2
71 33.1 28.2 42.4

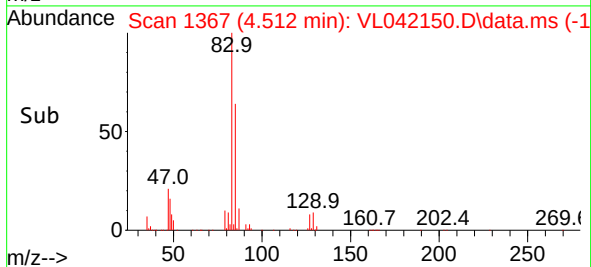
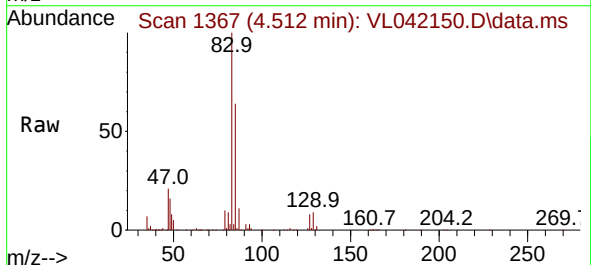
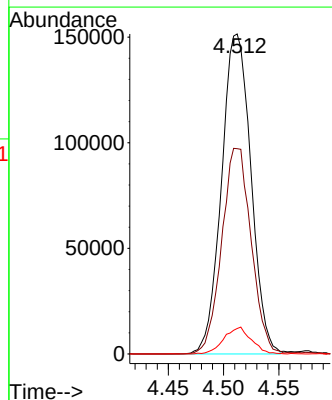
Manual Integrations
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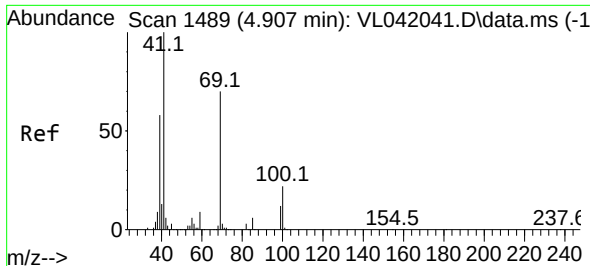
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#42
Bromodichloromethane
Concen: 9.055 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

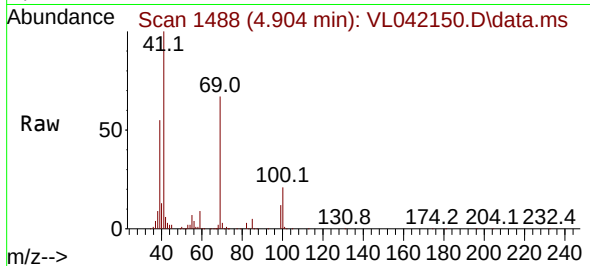
Tgt Ion: 83 Resp: 280274
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.2
127 8.0 5.8 8.6





#43
Methyl Methacrylate
Concen: 8.084 ppbv
RT: 4.904 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

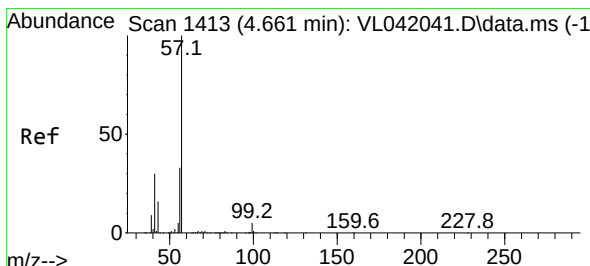
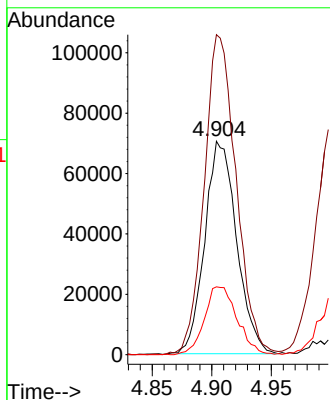
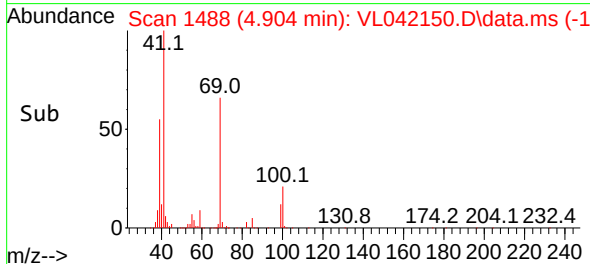
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



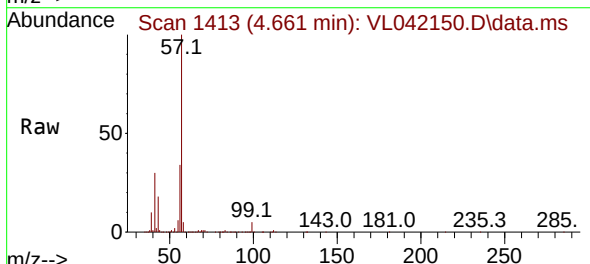
Tgt Ion: 69 Resp: 13080
Ion Ratio Lower Upper
69 100
41 151.1 118.2 177.4
100 32.8 27.0 40.4

Manual Integrations
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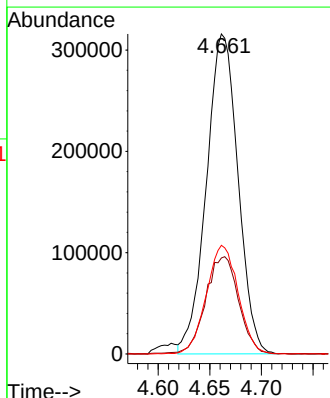
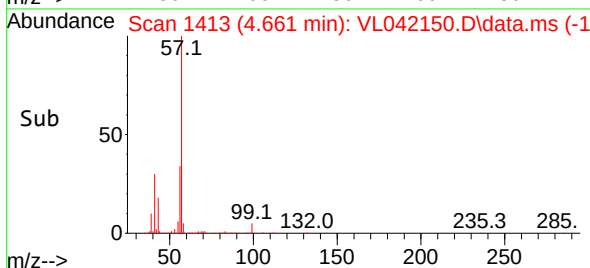
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

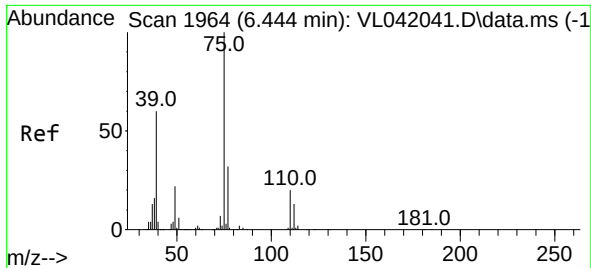


#44
2,2,4-Trimethylpentane
Concen: 9.184 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



Tgt Ion: 57 Resp: 671554
Ion Ratio Lower Upper
57 100
41 31.9 24.4 36.6
56 34.3 26.5 39.7





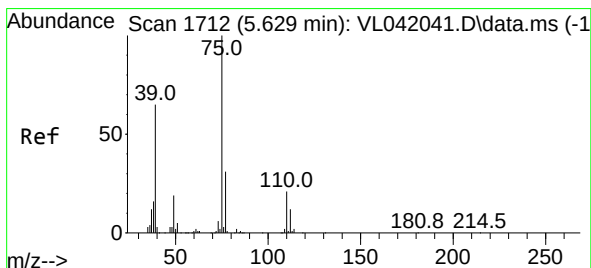
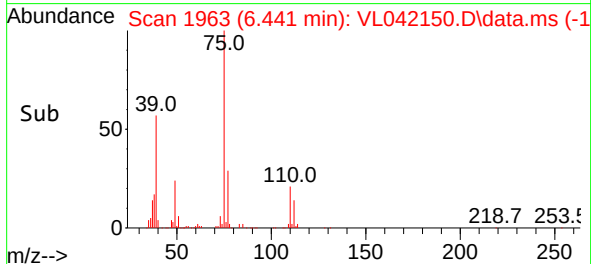
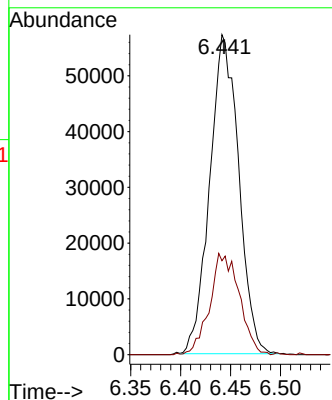
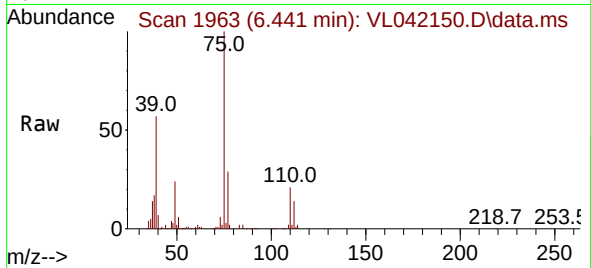
#45
t-1,3-Dichloropropene
Concen: 7.171 ppbv
RT: 6.441 min Scan# 1964
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 115280
Ion Ratio Lower Upper
75 100
77 29.3 25.9 38.9

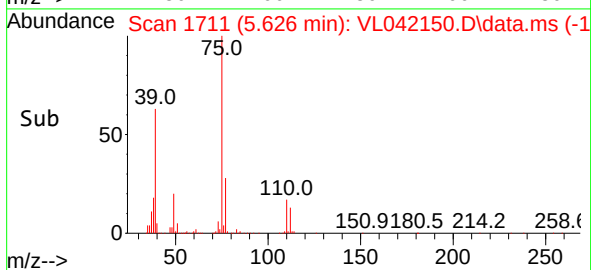
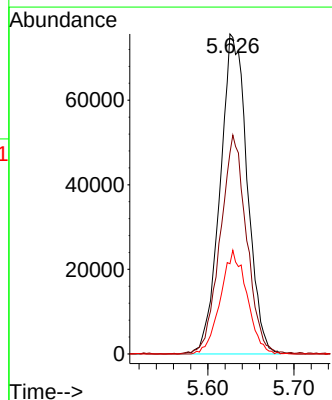
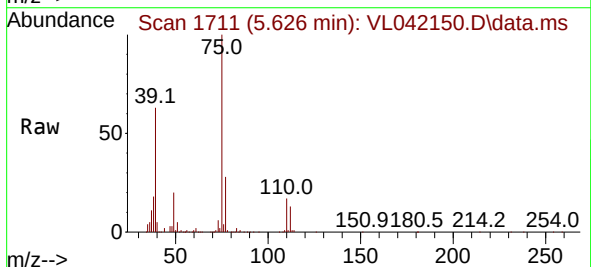
Manual Integrations
APPROVED

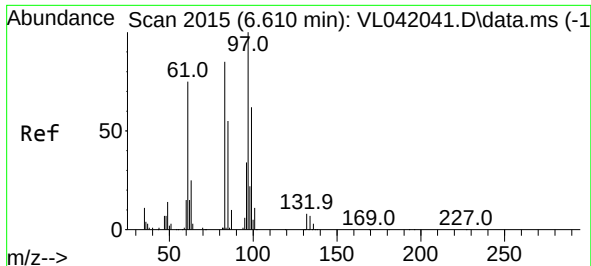
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#46
cis-1,3-Dichloropropene
Concen: 7.956 ppbv
RT: 5.626 min Scan# 1711
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

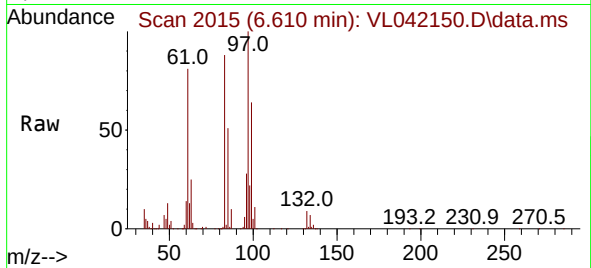
Tgt Ion: 75 Resp: 165501
Ion Ratio Lower Upper
75 100
39 62.7 51.9 77.9
77 28.2 24.9 37.3





#47
1,1,2-Trichloroethane
Concen: 9.091 ppbv
RT: 6.610 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

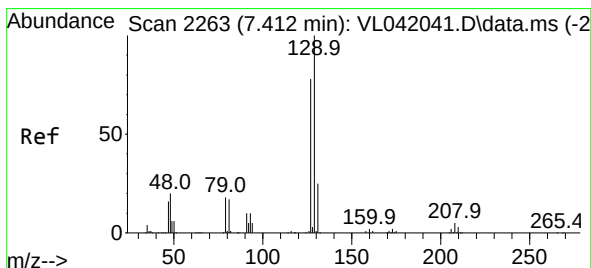
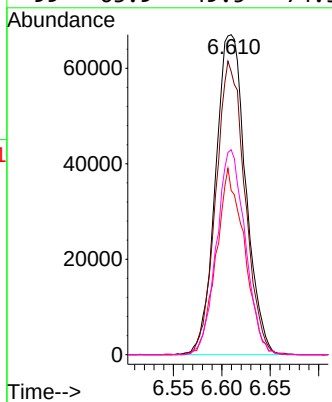
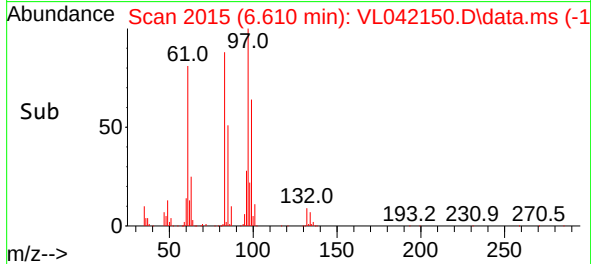
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



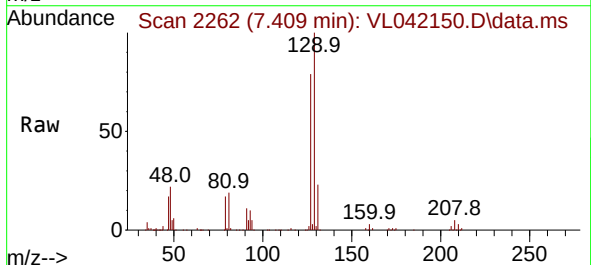
Tgt Ion: 97 Resp: 145150
Ion Ratio Lower Upper
97 100
83 88.1 68.1 102.1
85 51.3 44.0 66.0
99 63.9 49.5 74.3

Manual Integrations
APPROVED

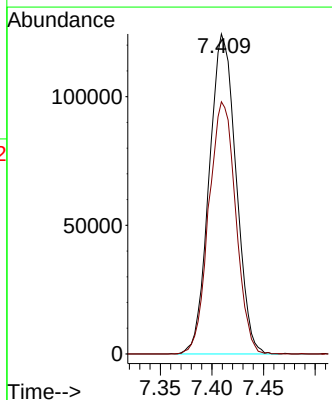
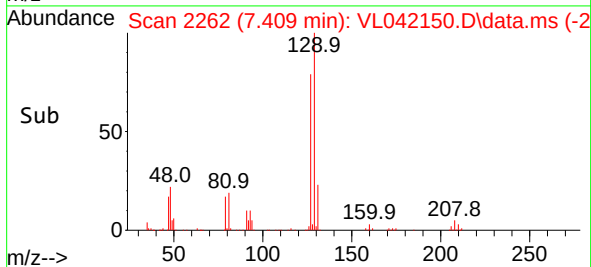
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

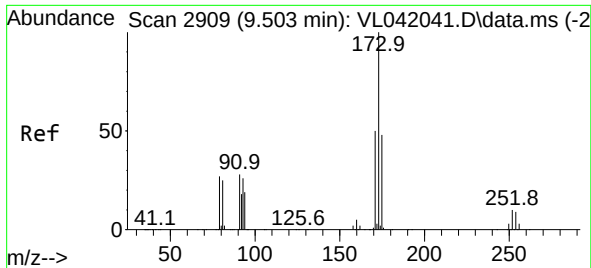


#48
Dibromochloromethane
Concen: 8.980 ppbv
RT: 7.409 min Scan# 2262
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



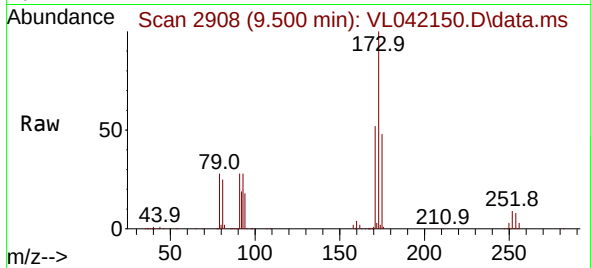
Tgt Ion:129 Resp: 224553
Ion Ratio Lower Upper
129 100
127 79.1 38.6 115.8





#49
Bromoform
Concen: 9.218 ppbv
RT: 9.500 min Scan# 2909
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

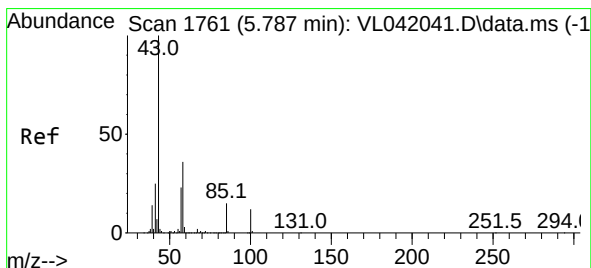
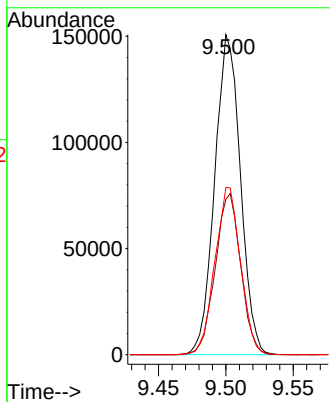
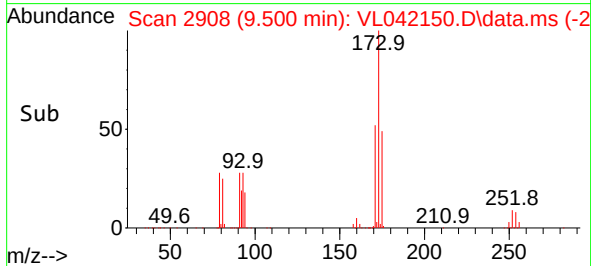
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



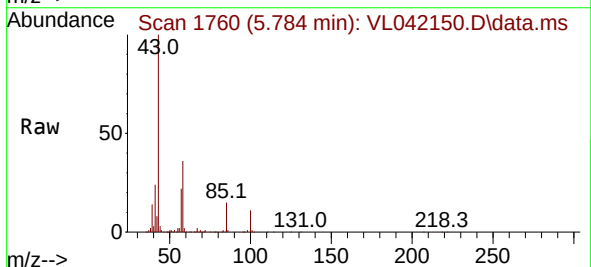
Tgt Ion:173 Resp: 200168
Ion Ratio Lower Upper
173 100
175 49.9 38.3 57.5
171 52.1 40.2 60.2

Manual Integrations
APPROVED

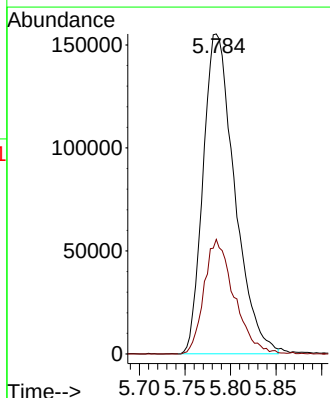
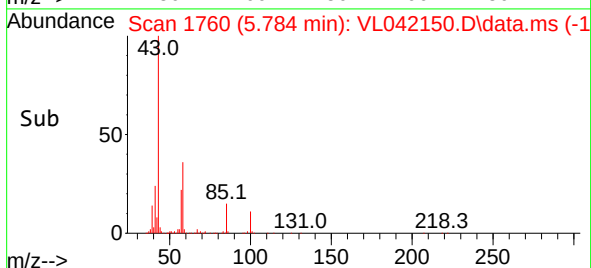
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

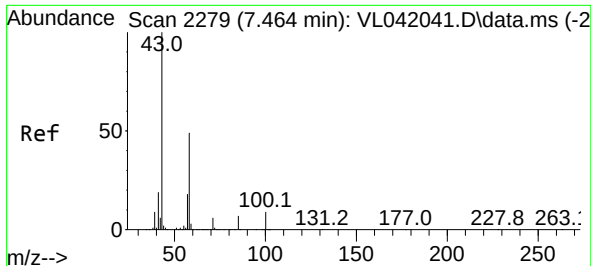


#50
4-Methyl-2-Pentanone
Concen: 9.370 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



Tgt Ion: 43 Resp: 373666
Ion Ratio Lower Upper
43 100
58 34.2 29.3 43.9





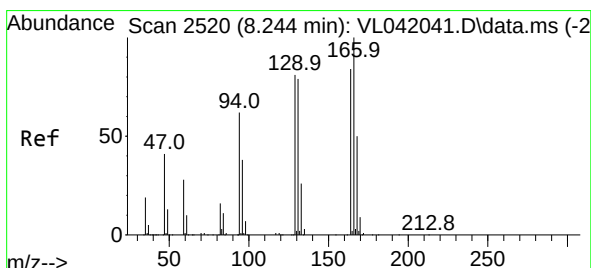
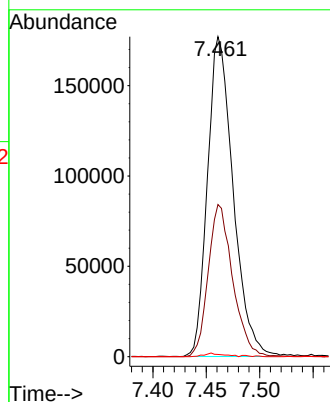
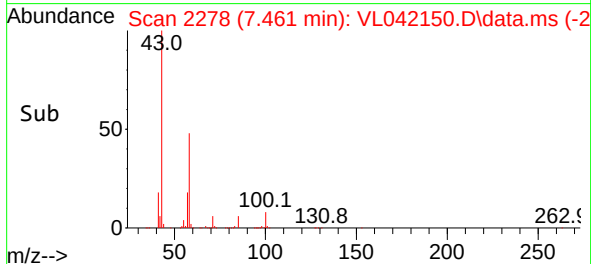
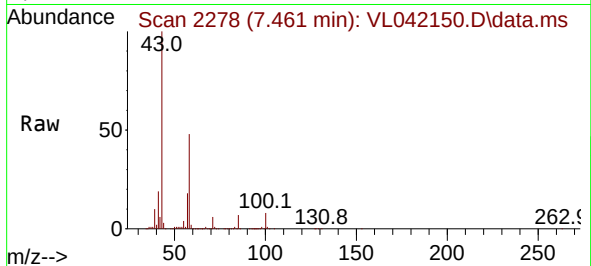
#51
2-Hexanone
Concen: 10.767 ppbv
RT: 7.461 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 295520
Ion Ratio Lower Upper
43 100
58 45.5 39.0 58.6
98 1.0 0.1 0.1

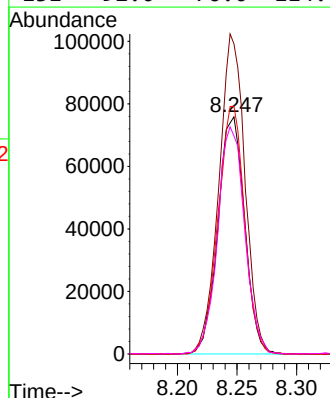
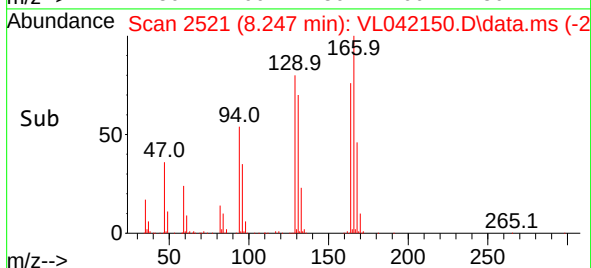
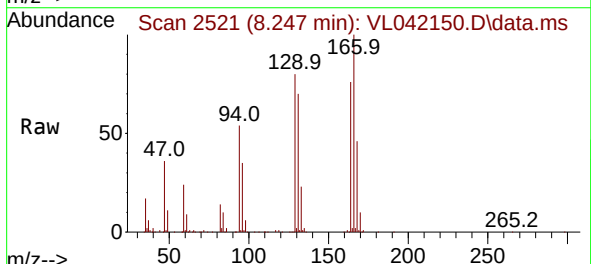
Manual Integrations
APPROVED

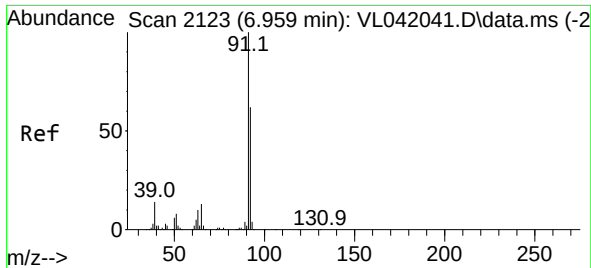
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#52
Tetrachloroethene
Concen: 8.341 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

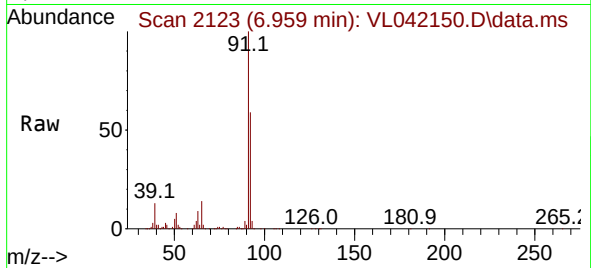
Tgt Ion:164 Resp: 118316
Ion Ratio Lower Upper
164 100
166 130.7 95.7 143.5
129 104.6 77.1 115.7
131 92.0 76.0 114.0





#53
Toluene
Concen: 8.235 ppbv
RT: 6.959 min Scan# 2123
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

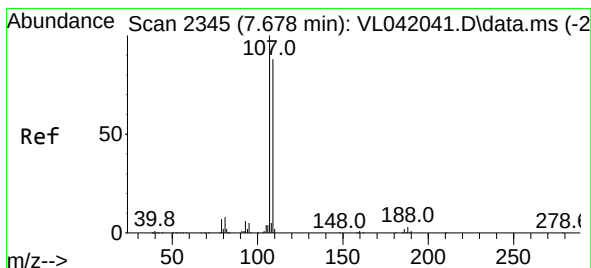
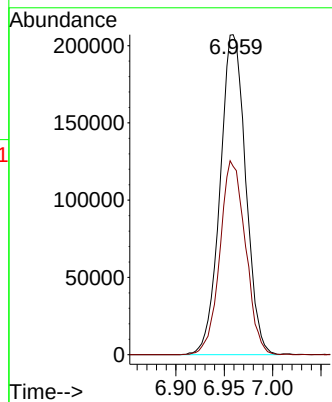
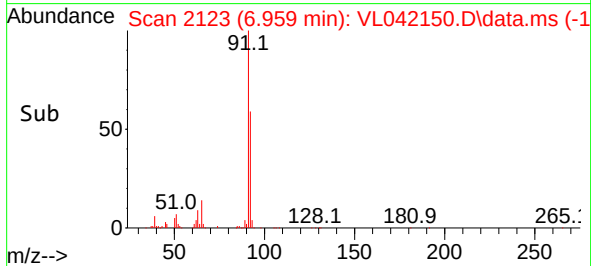
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



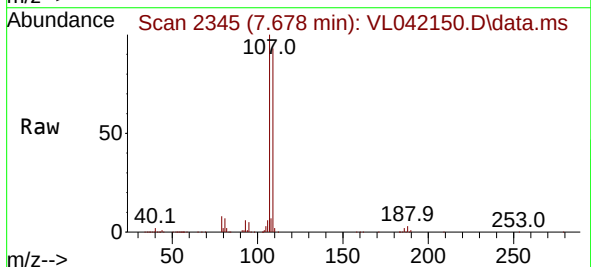
Tgt Ion: 91 Resp: 381354
Ion Ratio Lower Upper
91 100
92 60.6 49.0 73.6

Manual Integrations
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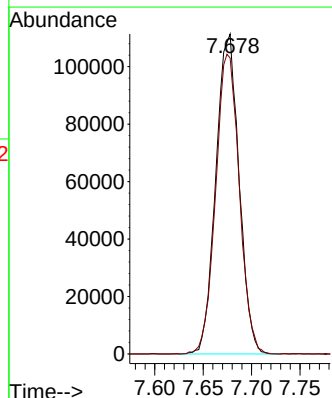
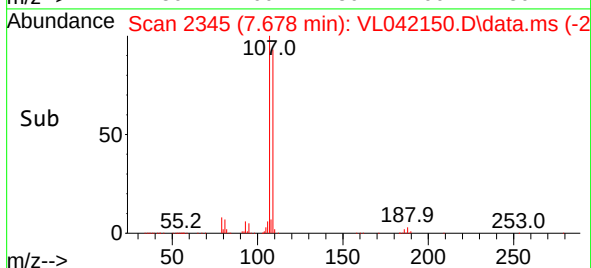
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

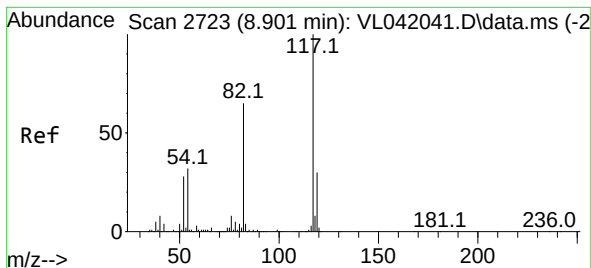


#54
1,2-Dibromoethane
Concen: 8.611 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



Tgt Ion:107 Resp: 185862
Ion Ratio Lower Upper
107 100
109 92.5 70.2 105.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.901 min Scan# 2723

Delta R.T. 0.000 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

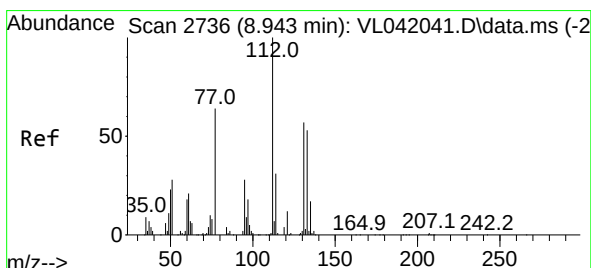
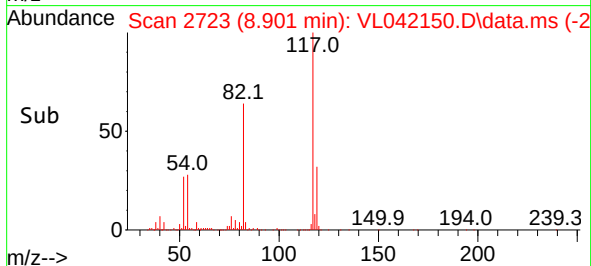
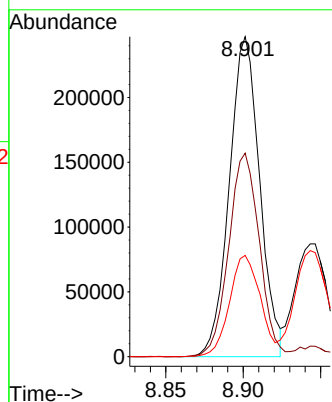
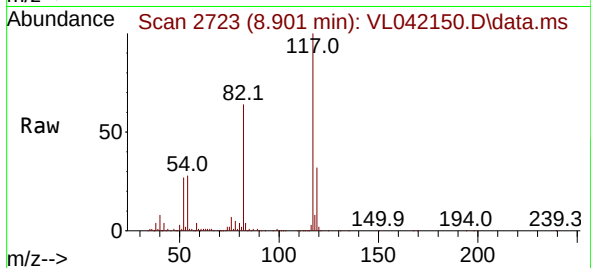
Tgt Ion:117 Resp: 337104

Ion	Ratio	Lower	Upper
117	100		
82	67.5	55.0	82.6
119	31.3	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 9.709 ppbv

RT: 8.943 min Scan# 2736

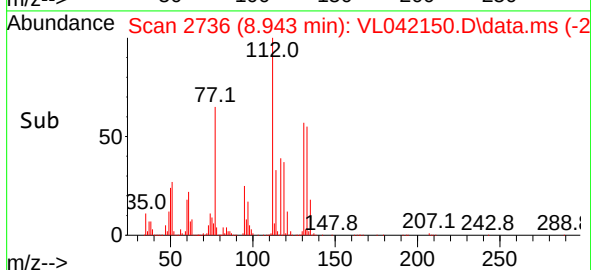
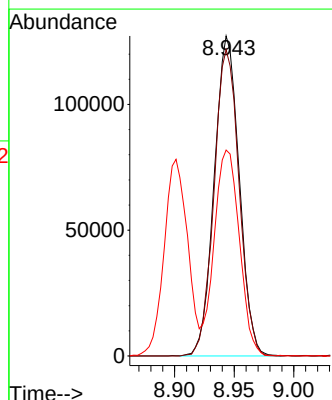
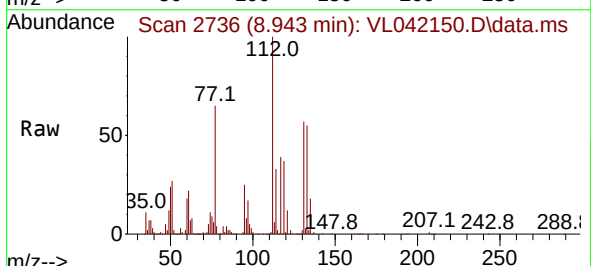
Delta R.T. 0.000 min

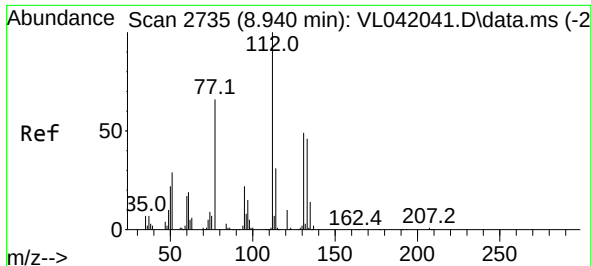
Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

Tgt Ion:131 Resp: 184992

Ion	Ratio	Lower	Upper
131	100		
133	96.2	75.8	113.8
119	65.5	52.1	78.1





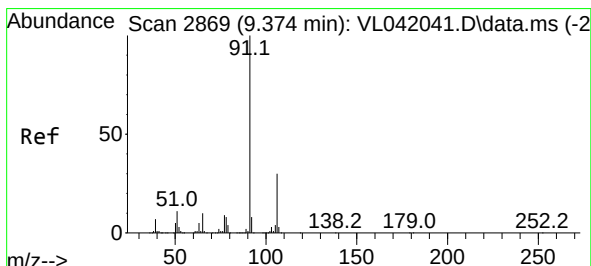
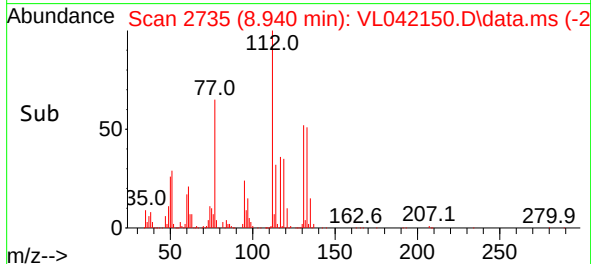
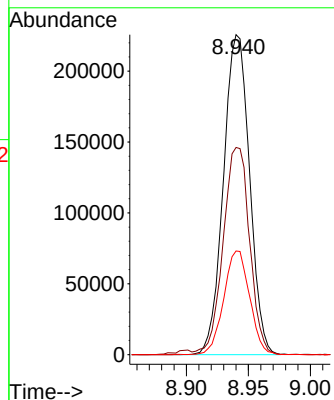
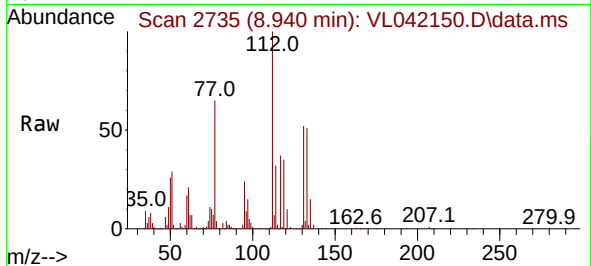
#57
Chlorobenzene
Concen: 9.485 ppbv
RT: 8.940 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 331509
Ion Ratio Lower Upper
112 100
77 64.6 53.4 80.2
114 32.3 28.3 34.5

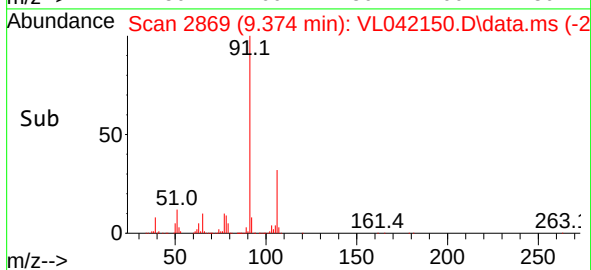
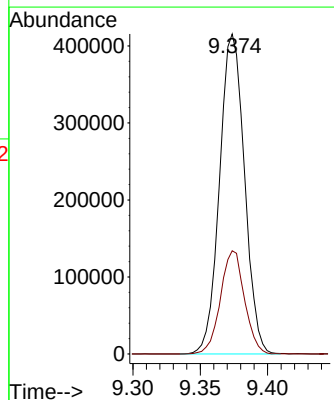
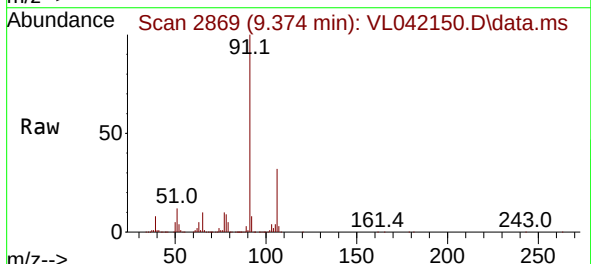
Manual Integrations
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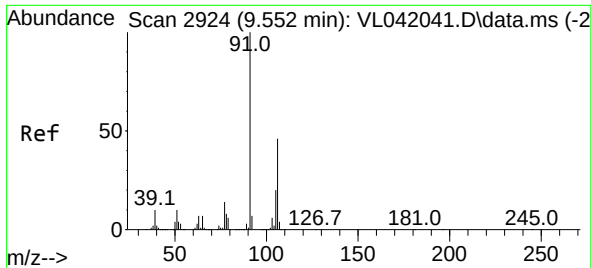
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#58
Ethyl Benzene
Concen: 8.610 ppbv
RT: 9.374 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Tgt Ion: 91 Resp: 534526
Ion Ratio Lower Upper
91 100
106 32.3 24.2 36.2





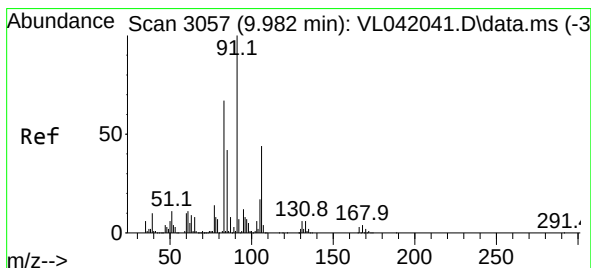
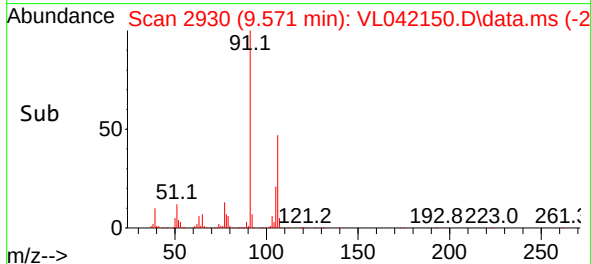
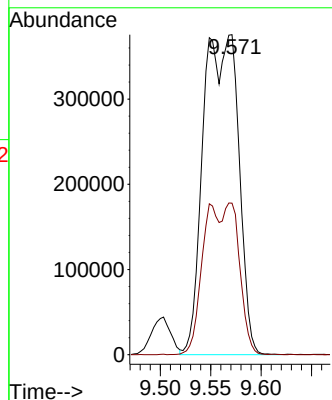
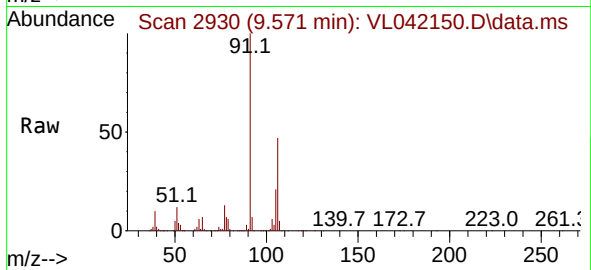
#59
m/p-Xylene
Concen: 18.581 ppbv m
RT: 9.571 min Scan# 2924
Delta R.T. 0.019 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 91798
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

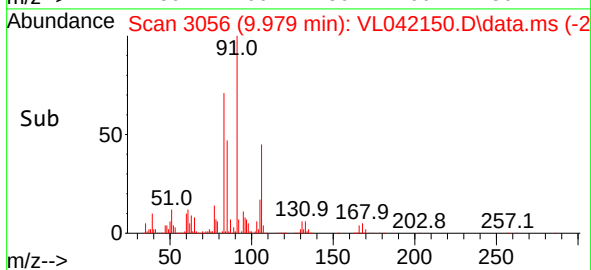
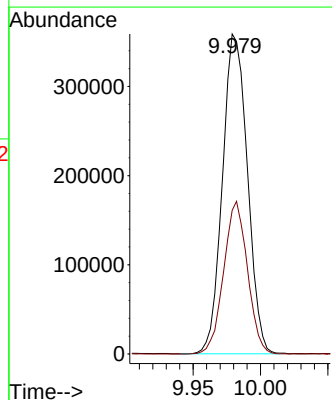
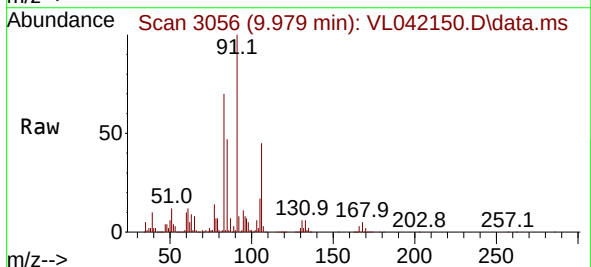
Manual Integrations
APPROVED

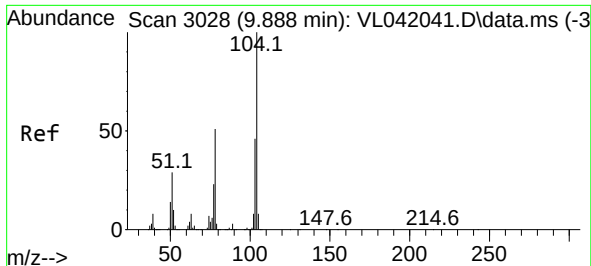
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#60
o-Xylene
Concen: 9.313 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Tgt Ion: 91 Resp: 462522
Ion Ratio Lower Upper
91 100
106 45.5 22.3 66.8





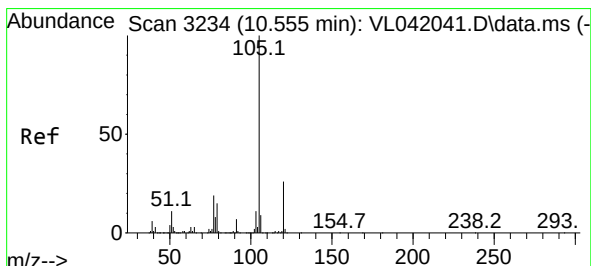
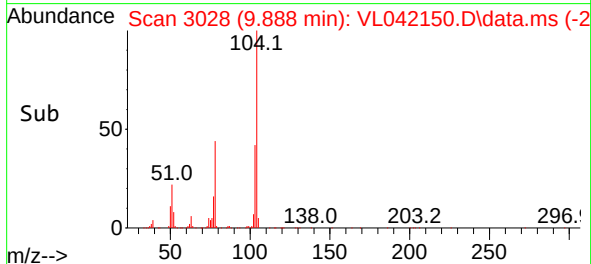
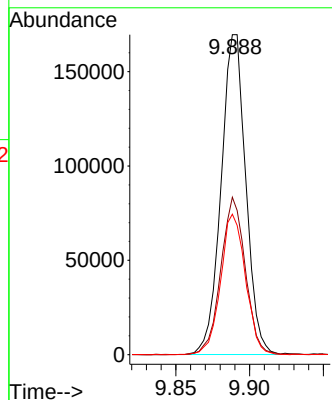
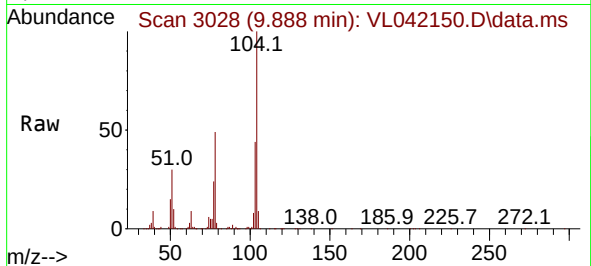
#61
Styrene
Concen: 8.473 ppbv
RT: 9.888 min Scan# 3028
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 19785
Ion Ratio Lower Upper
104 100
78 49.1 41.0 61.4
103 44.4 37.0 55.6

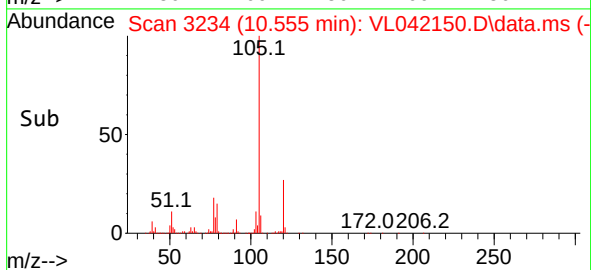
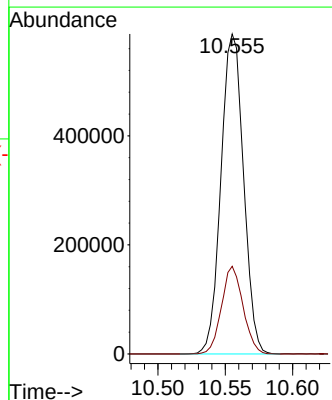
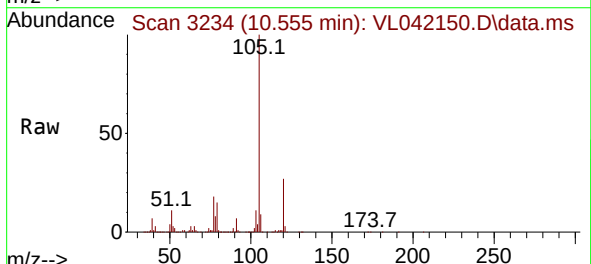
Manual Integrations
APPROVED

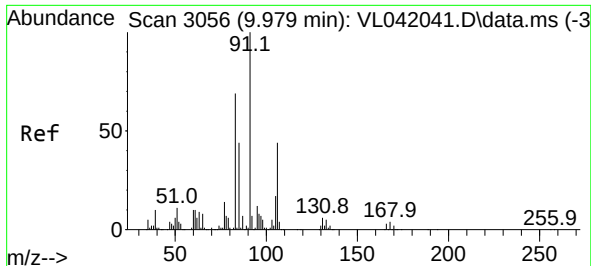
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#62
Isopropylbenzene
Concen: 9.185 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

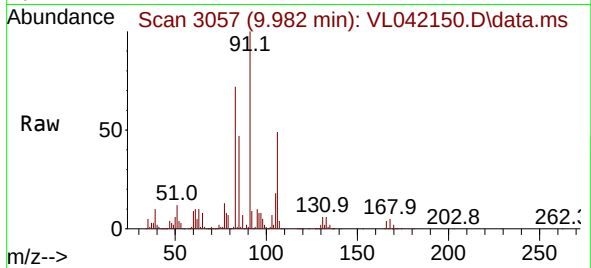
Tgt Ion:105 Resp: 683249
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 10.088 ppbv
RT: 9.982 min Scan# 3056
Delta R.T. 0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

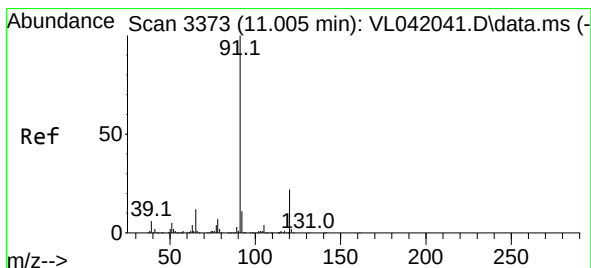
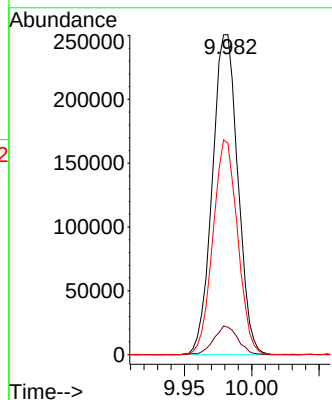
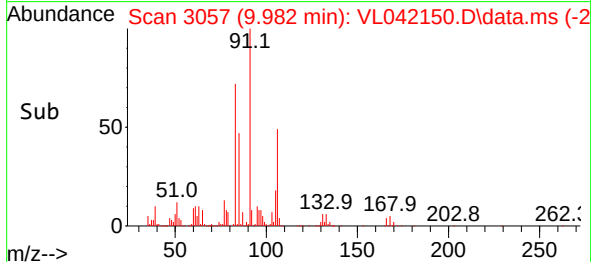
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



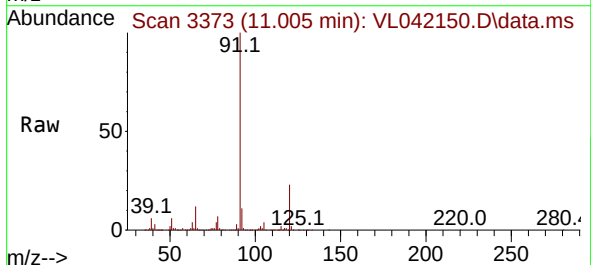
Tgt Ion: 83 Resp: 32997
Ion Ratio Lower Upper
83 100
131 8.5 4.5 13.7
85 65.0 32.1 96.3

Manual Integrations
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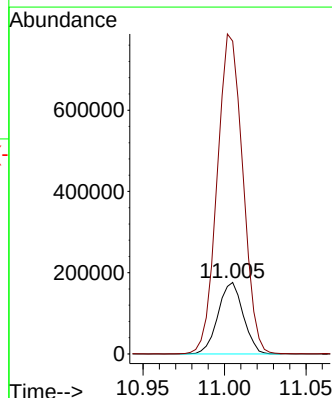
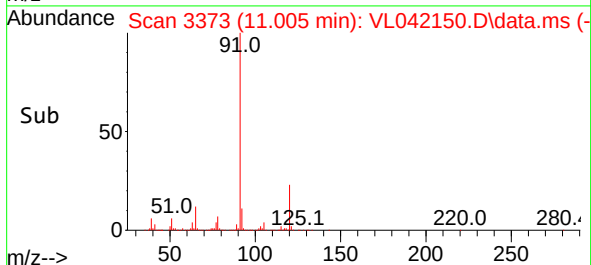
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

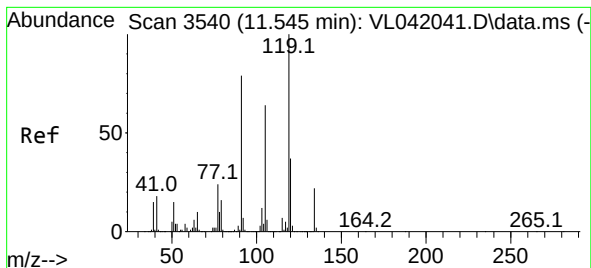


#64
n-propylbenzene
Concen: 9.671 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



Tgt Ion:120 Resp: 188690
Ion Ratio Lower Upper
120 100
91 457.3 370.6 556.0





#65

tert-Butylbenzene

Concen: 9.308 ppbv

RT: 11.546 min Scan# 3540

Delta R.T. 0.000 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 630108

Ion Ratio Lower Upper

119 100

91 77.8 64.2 96.2

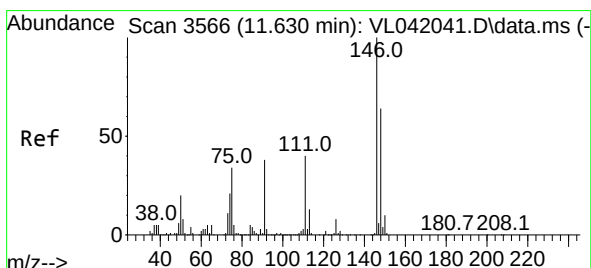
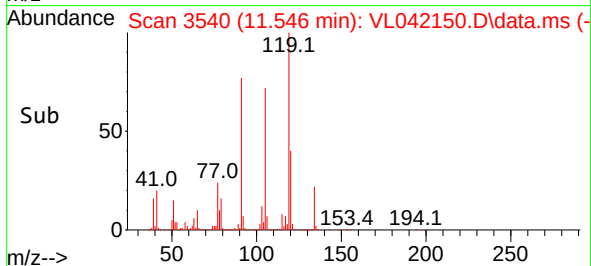
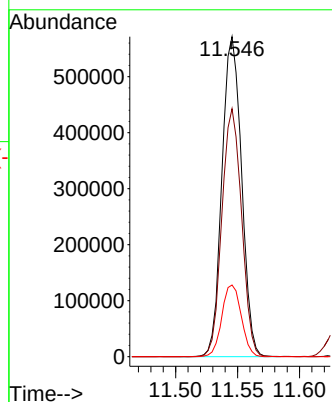
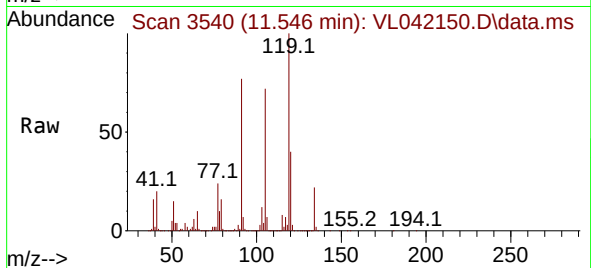
134 22.2 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#66

Benzyl Chloride

Concen: 8.734 ppbv

RT: 11.626 min Scan# 3565

Delta R.T. -0.003 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

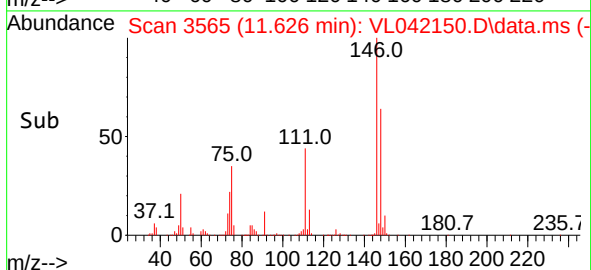
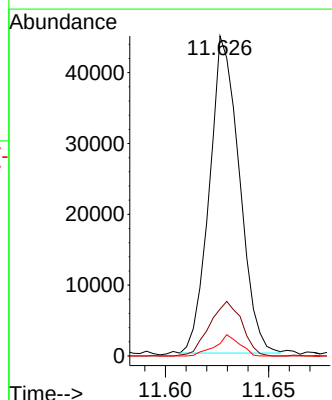
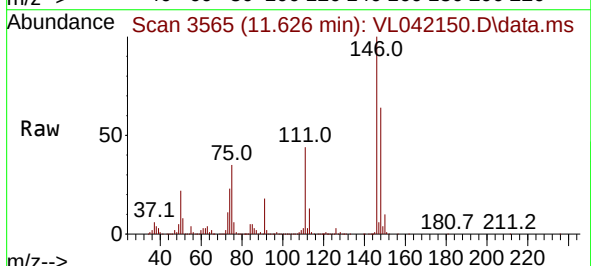
Tgt Ion: 91 Resp: 45119

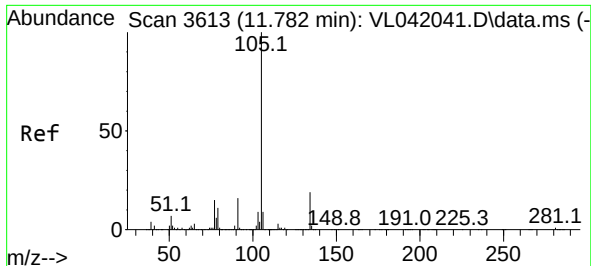
Ion Ratio Lower Upper

91 100

126 18.7 14.5 21.7

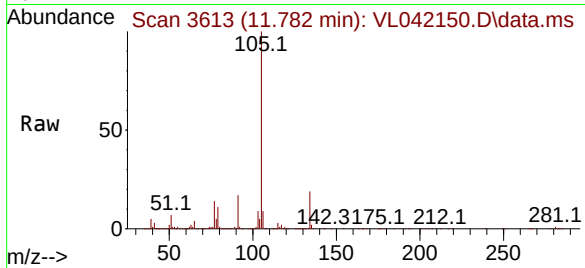
128 5.4 5.4 8.2#





#67
 sec-Butylbenzene
 Concen: 9.410 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. 0.000 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

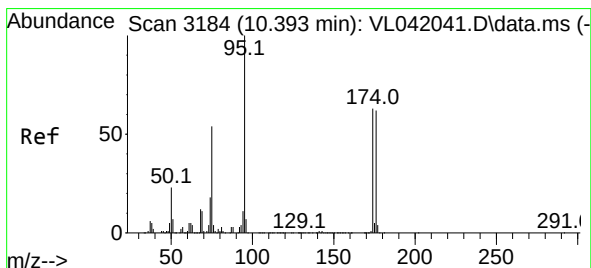
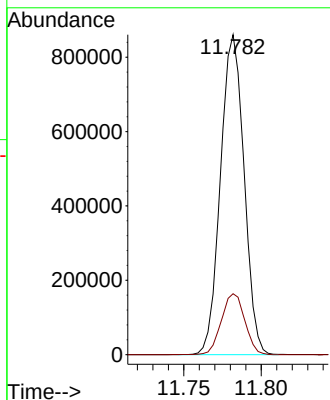
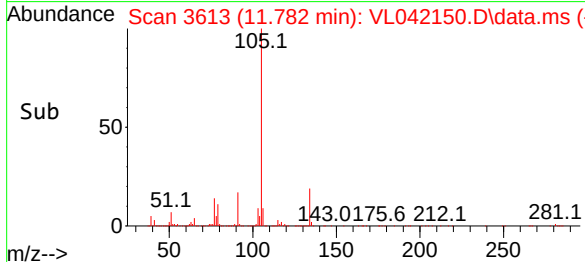
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



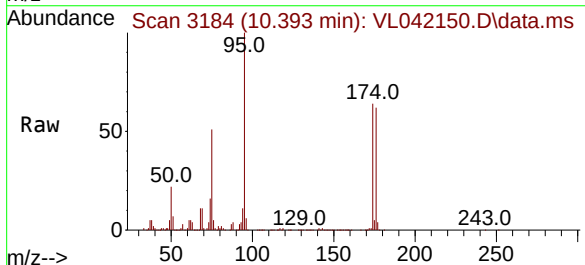
Tgt Ion:105 Resp: 911015
 Ion Ratio Lower Upper
 105 100
 134 19.0 14.9 22.3

Manual Integrations
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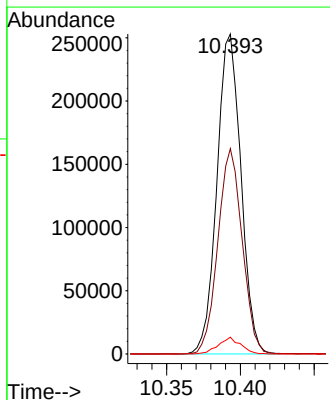
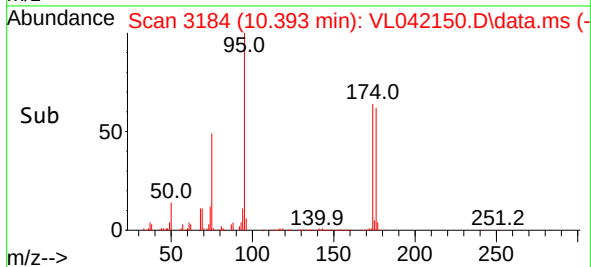
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

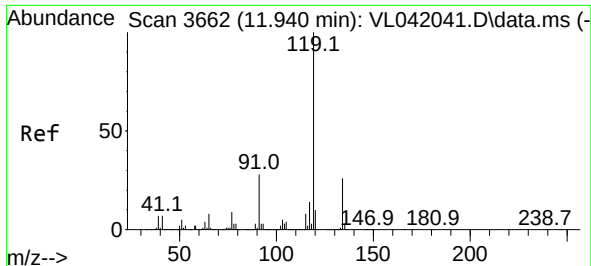


#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.060 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.000 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55



Tgt Ion: 95 Resp: 286841
 Ion Ratio Lower Upper
 95 100
 174 64.9 51.8 77.6
 175 4.8 3.9 5.9





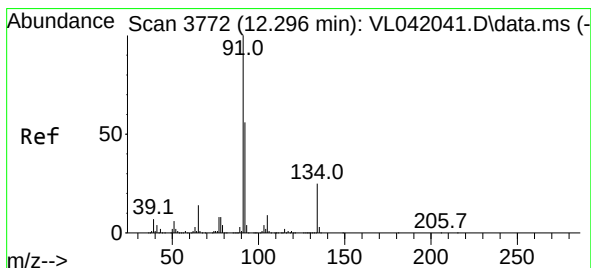
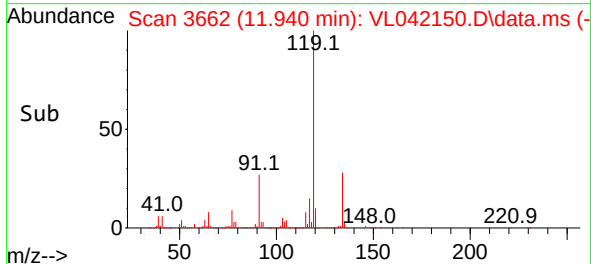
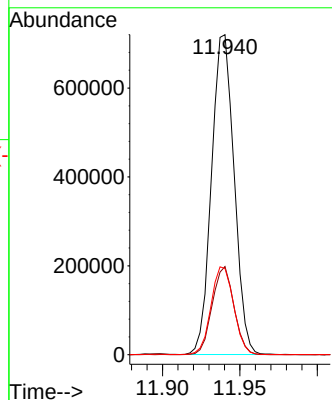
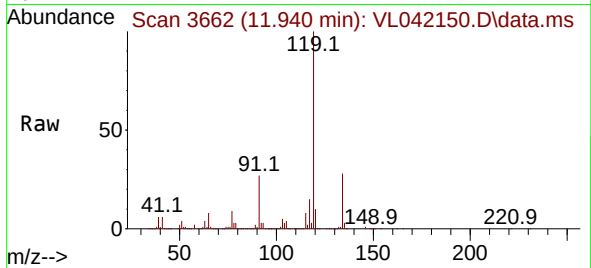
#69
p-Isopropyltoluene
Concen: 9.476 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 729864
Ion Ratio Lower Upper
119 100
134 26.5 20.9 31.3
91 27.8 23.1 34.7

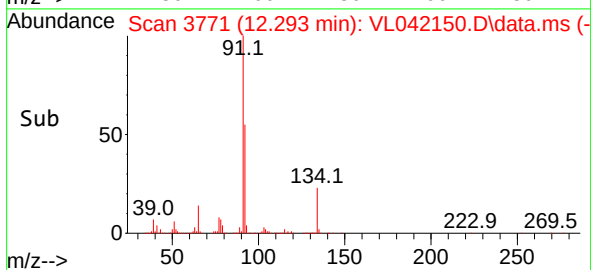
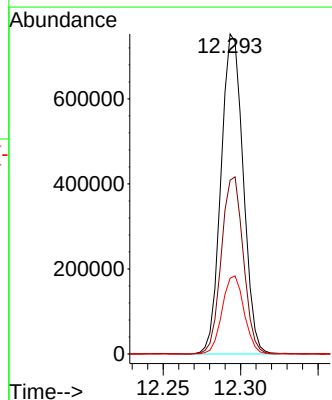
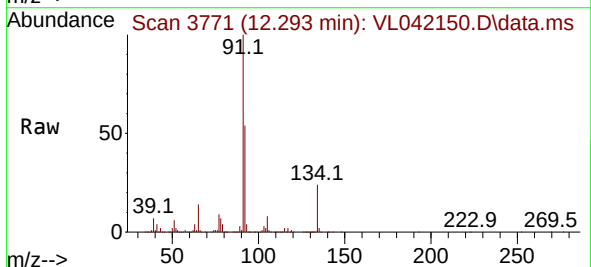
Manual Integrations
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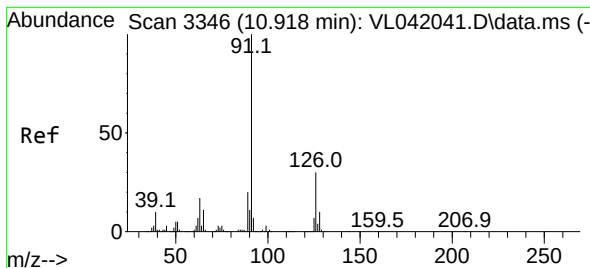
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#70
n-Butylbenzene
Concen: 9.531 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Tgt Ion: 91 Resp: 749368
Ion Ratio Lower Upper
91 100
92 55.1 44.7 67.1
134 24.2 18.9 28.3





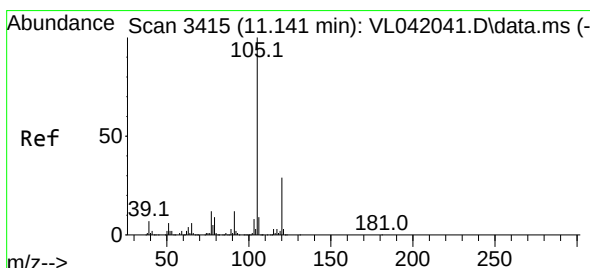
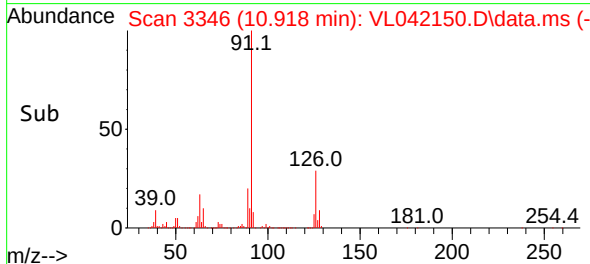
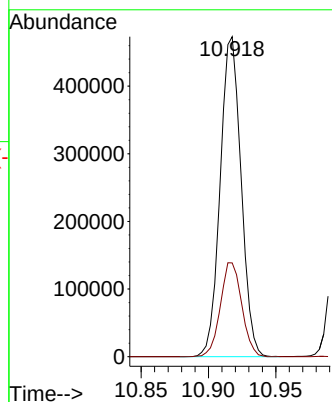
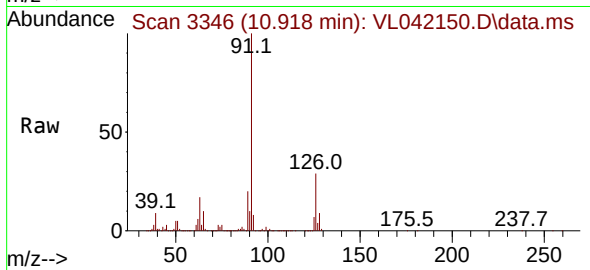
#71
2-Chlorotoluene
Concen: 8.901 ppbv
RT: 10.918 min Scan# 3346
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 51037
Ion Ratio Lower Upper
91 100
126 30.0 11.9 47.5

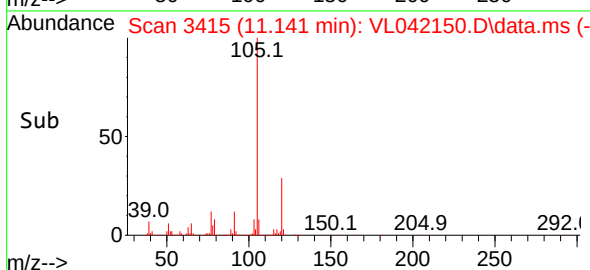
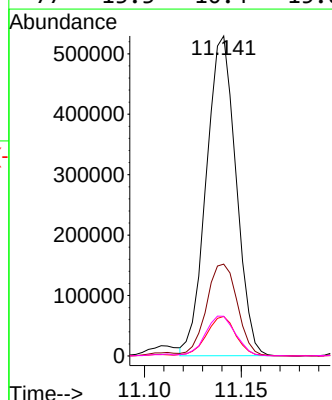
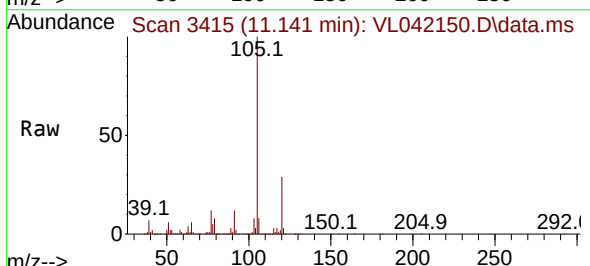
Manual Integrations
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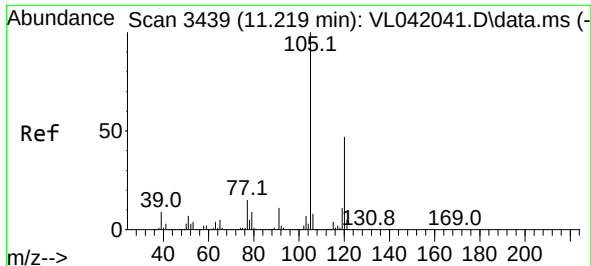
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#72
4-Ethyltoluene
Concen: 9.321 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

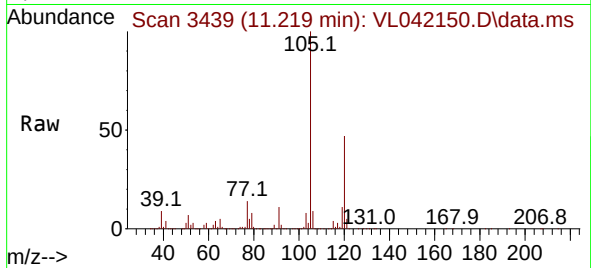
Tgt Ion:105 Resp: 565254
Ion Ratio Lower Upper
105 100
120 30.9 24.1 36.1
91 12.6 10.2 15.4
77 13.3 10.4 15.6





#73
1,3,5-Trimethylbenzene
Concen: 9.043 ppbv
RT: 11.219 min Scan# 3439
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

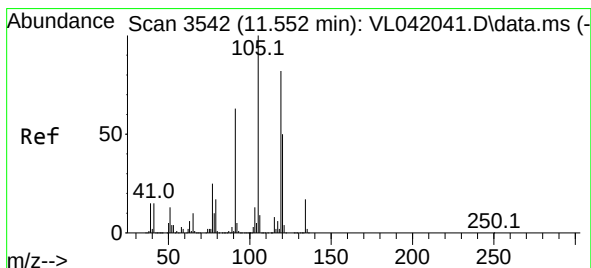
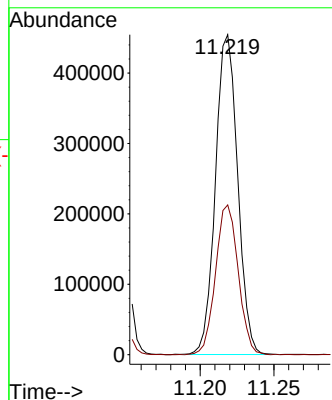
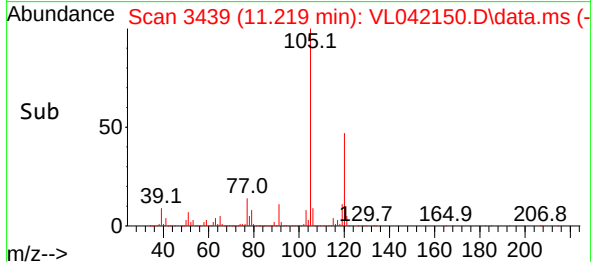
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



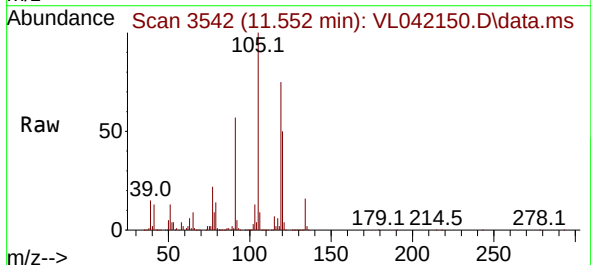
Tgt Ion:105 Resp: 47566
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.0

Manual Integrations
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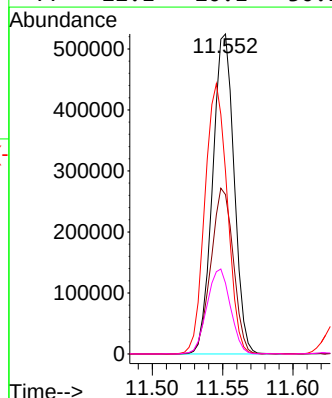
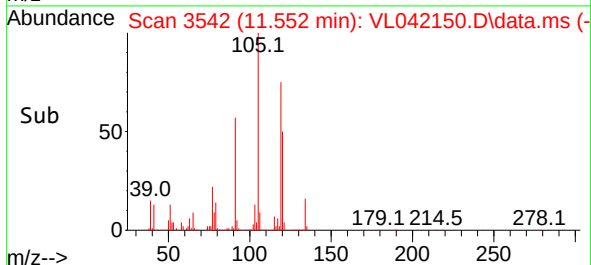
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

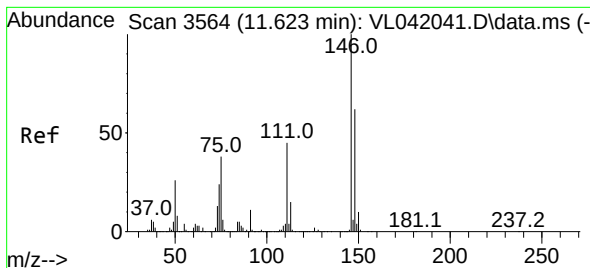


#74
1,2,4-Trimethylbenzene
Concen: 9.378 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



Tgt Ion:105 Resp: 555462
Ion Ratio Lower Upper
105 100
120 49.7 40.2 60.2
91 57.0 51.4 77.2
77 22.1 20.1 30.1





#75

1,3-Dichlorobenzene

Concen: 9.640 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. 0.000 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 328628

Ion Ratio Lower Upper

146 100

111 43.5 22.4 67.2

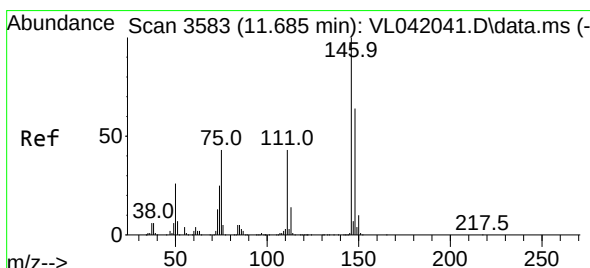
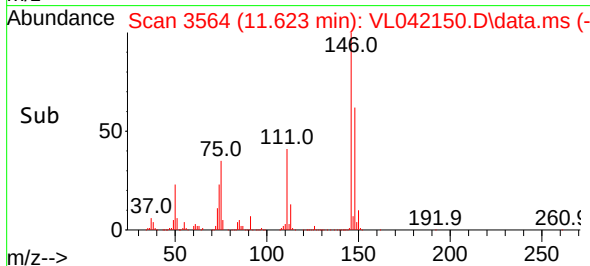
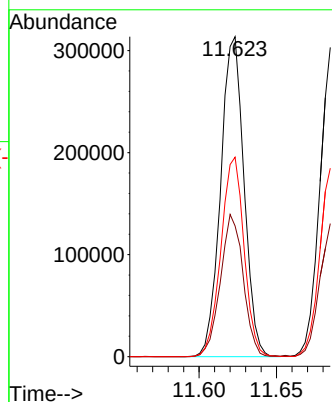
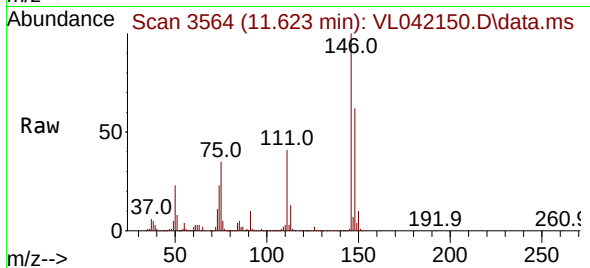
148 62.0 32.3 96.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#76

1,4-Dichlorobenzene

Concen: 9.389 ppbv

RT: 11.685 min Scan# 3583

Delta R.T. 0.000 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

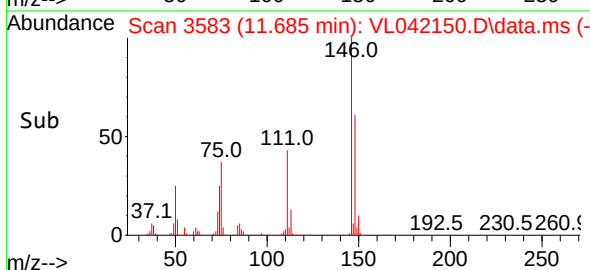
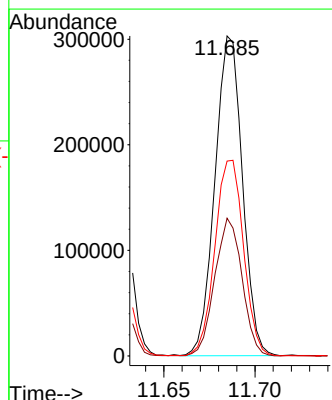
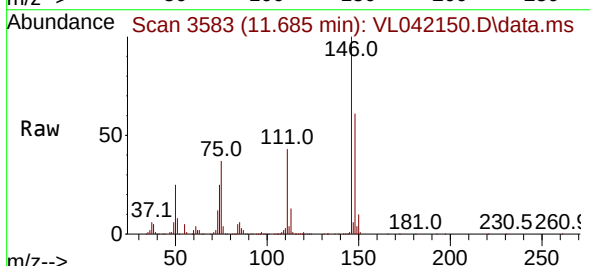
Tgt Ion:146 Resp: 317775

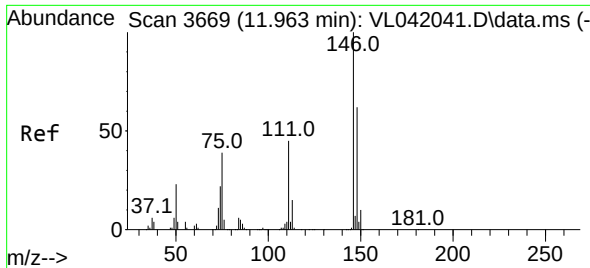
Ion Ratio Lower Upper

146 100

111 42.9 21.5 64.5

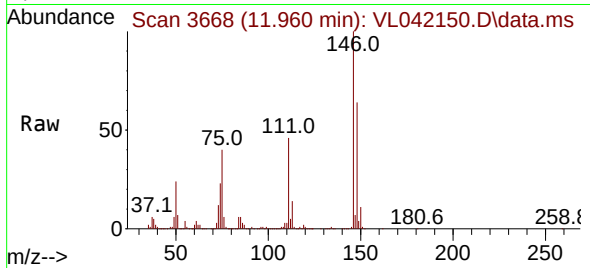
148 64.1 31.6 95.0





#77
1,2-Dichlorobenzene
Concen: 9.758 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55

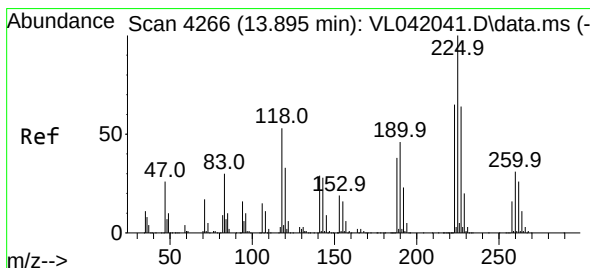
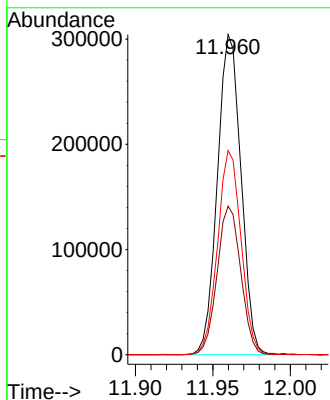
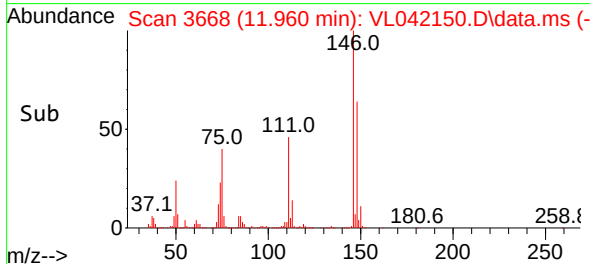
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



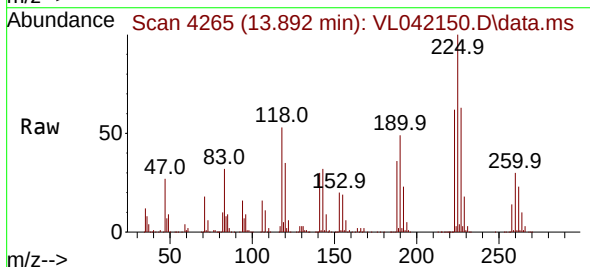
Tgt Ion:146 Resp: 32280
Ion Ratio Lower Upper
146 100
111 46.5 23.2 69.6
148 63.4 31.4 94.2

Manual Integrations
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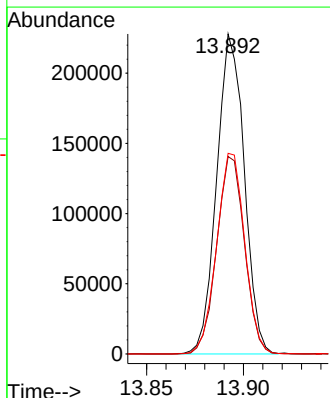
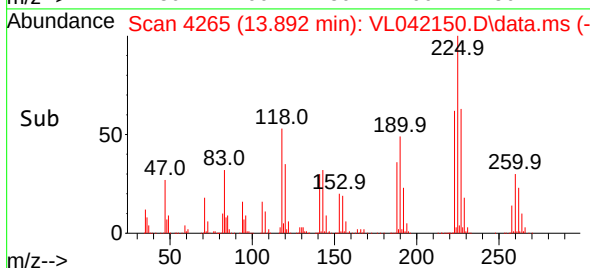
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

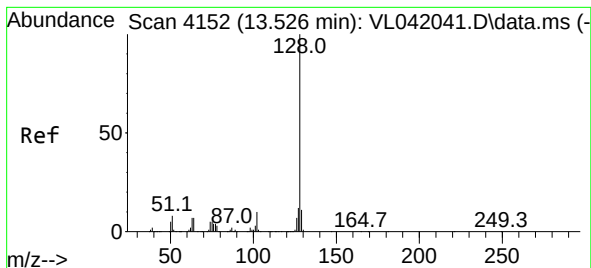


#78
Hexachloro-1,3-Butadiene
Concen: 8.772 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.003 min
Lab File: VL042150.D
Acq: 17 Mar 2025 09:55



Tgt Ion:225 Resp: 225792
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.2
227 63.9 50.8 76.2





#79

Naphthalene

Concen: 11.545 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. 0.000 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

Instrument :

MSVOA_L

ClientSampleId :

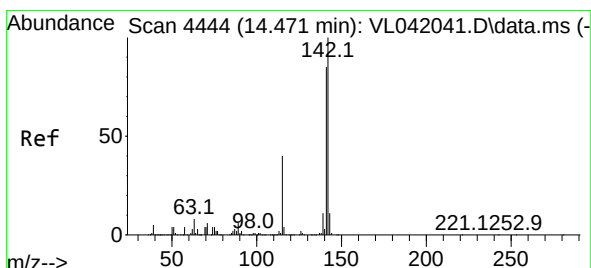
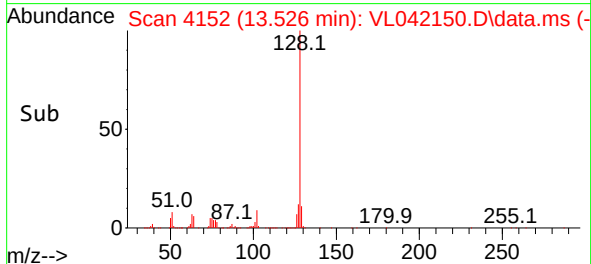
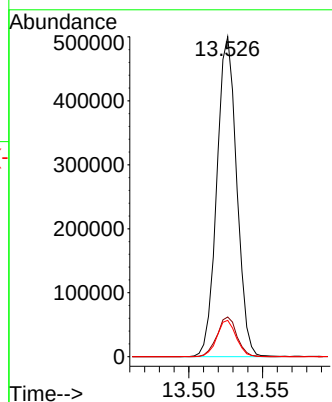
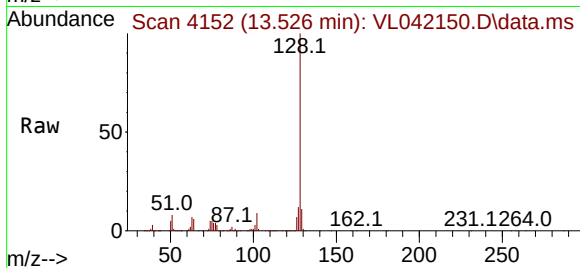
VSTDCCC010

Tgt Ion:	128	Resp:	46888
Ion Ratio	Lower	Upper	
128	100		
127	12.4	9.8	14.6
129	11.3	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#80

Naphthalene,2-methyl-

Concen: 12.224 ppbv

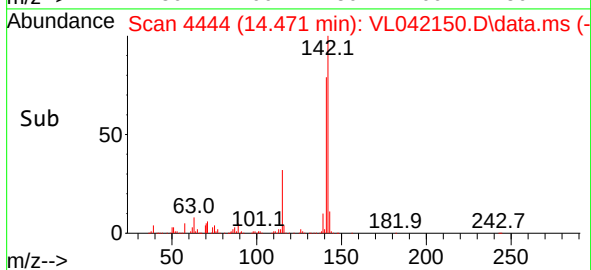
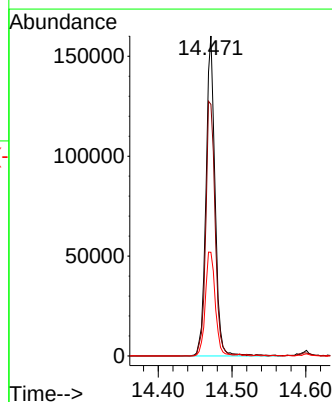
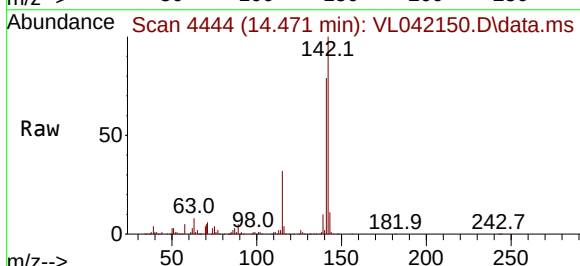
RT: 14.471 min Scan# 4444

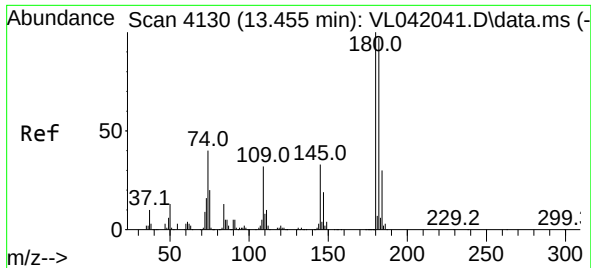
Delta R.T. 0.000 min

Lab File: VL042150.D

Acq: 17 Mar 2025 09:55

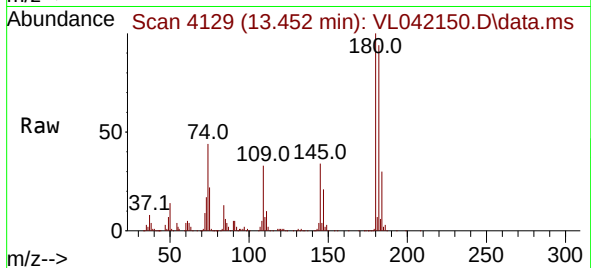
Tgt Ion:	142	Resp:	135870
Ion Ratio	Lower	Upper	
142	100		
141	83.6	65.8	98.6
115	36.3	29.5	44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.305 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042150.D
 Acq: 17 Mar 2025 09:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 21061
 Ion Ratio Lower Upper
 180 100
 182 96.7 75.1 112.7
 184 30.7 23.8 35.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

