

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032525\
 Data File : VL042164.D
 Acq On : 25 Mar 2025 08:56
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

Quant Time: Mar 26 01:29:55 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032525AIR.M

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

QLast Update : Wed Mar 26 01:29:19 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	181211	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	422369	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	364437	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 309342 10.862 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 108.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	228699	11.436	ppbv	100
3) Chlorodifluoromethane	1.479	51	234247	8.916	ppbv	100
4) Chloromethane	1.534	50	80907	11.021	ppbv	100
5) Vinyl Chloride	1.583	62	78292	11.448	ppbv	100
6) Bromomethane	1.670	94	38469	11.564	ppbv	100
7) Chloroethane	1.706	64	31999	11.308	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	179388	11.037	ppbv	100
9) Propene	1.486	41	91287	8.560	ppbv	100
10) Heptane	4.994	43	286988	8.665	ppbv	100
11) Trichlorofluoromethane	1.881	101	226013	11.312	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.143	101	181250	11.217	ppbv	100
13) Ethanol	1.725	45	4402	6.310	ppbv	100
14) Bromoethene	1.783	108	60826	10.901	ppbv	100
15) Acetone	1.838	43	172680	10.237	ppbv	100
16) 1,3-Butadiene	1.612	39	83992	10.728	ppbv	100
17) tert-Butyl alcohol	2.046	59	186327	9.176	ppbv	100
18) 1,1-Dichloroethene	2.039	96	75468	10.547	ppbv	100
19) Isopropyl Alcohol	1.890	45	95315	9.948	ppbv	100
20) Methylene Chloride	2.065	84	61067	9.647	ppbv	100
21) Allyl Chloride	2.101	41	124329	10.276	ppbv	100
22) trans-1,2-Dichloroethene	2.347	96	90822	10.743	ppbv	100
23) Vinyl Acetate	2.470	43	70829	6.569	ppbv	100
24) 1,1-Dichloroethane	2.415	63	170578	10.832	ppbv	100
25) Ethyl Acetate	2.842	43	571757	8.936	ppbv	100
26) Hexane	2.832	57	219348	8.556	ppbv	100
27) Carbon Disulfide	2.156	76	212700	11.371	ppbv	98
28) Methyl tert-Butyl Ether	2.447	73	112136	8.467	ppbv	100
29) Chloroform	2.855	83	314686	9.015	ppbv	100
30) Cyclohexane	3.865	84	168099	8.207	ppbv	100
31) cis-1,2-Dichloroethene	2.729	61	192686	8.068	ppbv	100
32) 1,1,1-Trichloroethane	3.376	97	284429	8.545	ppbv	100
34) 2-Butanone	2.563	43	310052	9.322	ppbv	100
35) Carbon Tetrachloride	3.771	117	300239	10.190	ppbv	100
36) Benzene	3.664	78	413821	9.340	ppbv	100
37) 1,2-Dichloroethane	3.227	62	226162	9.177	ppbv	100
38) Trichloroethene	4.560	130	161045	8.911	ppbv	100
39) 1,2-Dichloropropane	4.327	63	157909	9.332	ppbv	100
40) 1,4-Dioxane	4.596	88	68561	8.968	ppbv #	100
41) Tetrahydrofuran	3.062	42	173662	8.960	ppbv	100
42) Bromodichloromethane	4.502	83	324884	9.760	ppbv	100
43) Methyl Methacrylate	4.894	69	149346	8.813	ppbv	100
44) 2,2,4-Trimethylpentane	4.651	57	756318	9.567	ppbv	100
45) t-1,3-Dichloropropene	6.431	75	130677	7.945	ppbv	100

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Instrument :
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Manual Integrations
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 Supervised By : Mahesh Dadoda 03/26/2025

Quant Time: Mar 26 01:29:55 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032525AIR.M

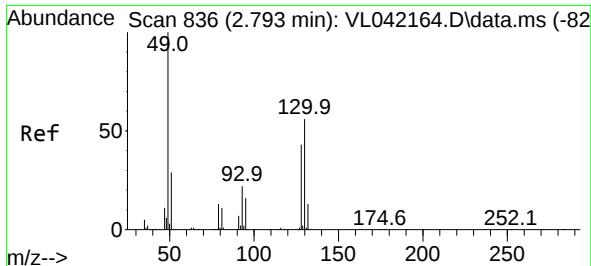
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Mar 26 01:29:19 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	181069	8.438	ppbv	100
47) 1,1,2-Trichloroethane	6.596	97	167475	9.659	ppbv	100
48) Dibromochloromethane	7.399	129	258020	9.619	ppbv	100
49) Bromoform	9.493	173	235426	10.042	ppbv	100
50) 4-Methyl-2-Pentanone	5.771	43	437072	10.228	ppbv	100
51) 2-Hexanone	7.448	43	339692	11.697	ppbv	100
52) Tetrachloroethene	8.237	164	136981	9.060	ppbv	100
53) Toluene	6.946	91	433813	8.872	ppbv	100
54) 1,2-Dibromoethane	7.664	107	212628	9.221	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.936	131	213907	10.090	ppbv	99
57) Chlorobenzene	8.933	112	377407	9.752	ppbv	100
58) Ethyl Benzene	9.364	91	603844	9.033	ppbv	100
59) m/p-Xylene	9.542	91	1055357m	19.444	ppbv	
60) o-Xylene	9.972	91	534875	9.763	ppbv	100
61) Styrene	9.882	104	223146	8.957	ppbv	100
62) Isopropylbenzene	10.548	105	794509	9.695	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.972	83	385350	10.572	ppbv	100
64) n-propylbenzene	10.998	120	221651	10.211	ppbv	100
65) tert-Butylbenzene	11.539	119	747249	9.898	ppbv	100
66) Benzyl Chloride	11.623	91	56161	10.045	ppbv	100
67) sec-Butylbenzene	11.775	105	1082261	10.001	ppbv	100
69) p-Isopropyltoluene	11.934	119	902842	10.425	ppbv	100
70) n-Butylbenzene	12.290	91	957543	10.751	ppbv	100
71) 2-Chlorotoluene	10.911	91	600396	9.536	ppbv	100
72) 4-Ethyltoluene	11.134	105	683095	10.134	ppbv	100
73) 1,3,5-Trimethylbenzene	11.212	105	575201	9.865	ppbv	100
74) 1,2,4-Trimethylbenzene	11.545	105	666490	10.000	ppbv	100
75) 1,3-Dichlorobenzene	11.616	146	409283	10.574	ppbv	100
76) 1,4-Dichlorobenzene	11.681	146	406473	10.574	ppbv	100
77) 1,2-Dichlorobenzene	11.956	146	414133	10.912	ppbv	100
78) Hexachloro-1,3-Butadiene	13.888	225	339163	11.316	ppbv	100
79) Naphthalene	13.523	128	746842	15.551	ppbv	100
80) Naphthalene,2-methyl-	14.465	142	321801	22.419	ppbv	100
81) 1,2,4-Trichlorobenzene	13.448	180	334314	12.634	ppbv	100

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



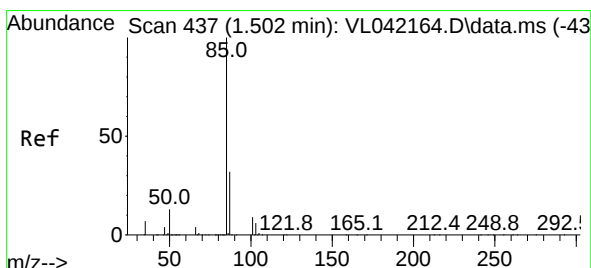
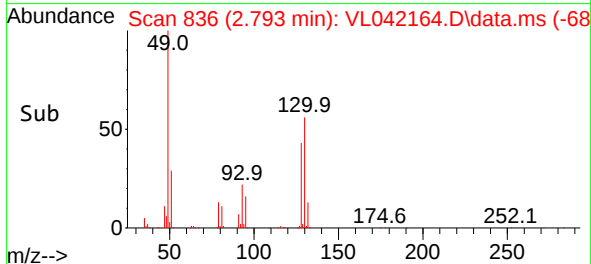
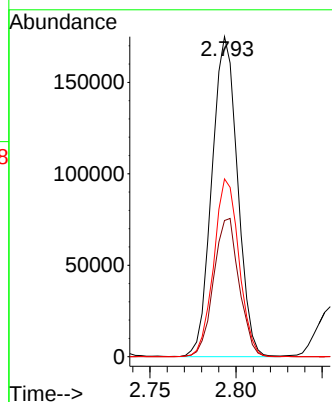
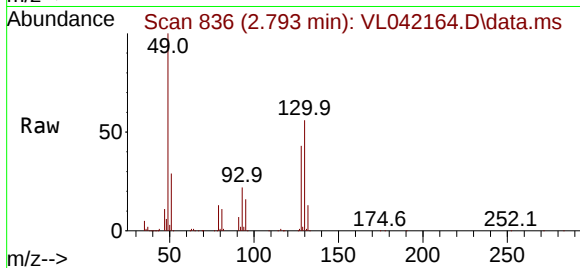
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 836
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 18121
Ion Ratio Lower Upper
49 100
128 43.0 21.5 64.5
130 54.6 27.3 81.9

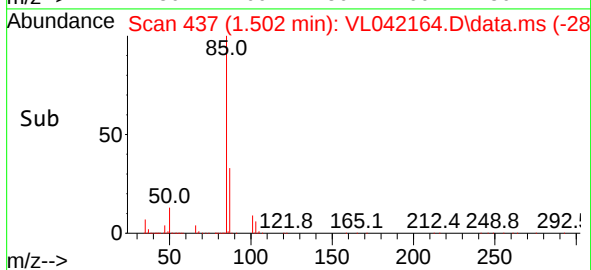
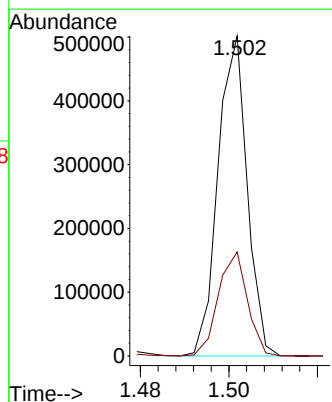
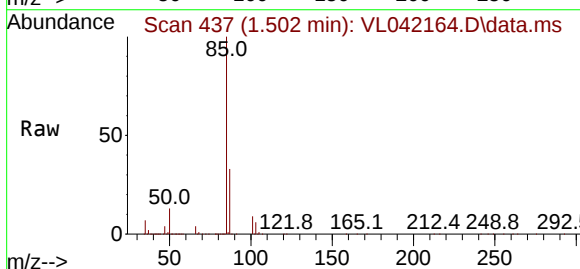
Manual Integrations
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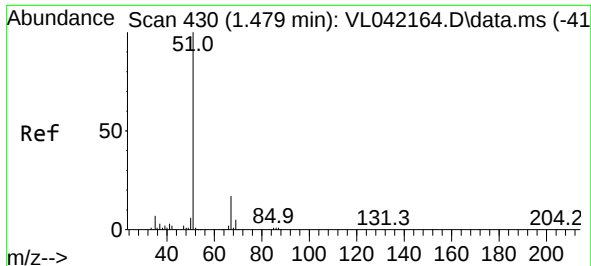
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#2
Dichlorodifluoromethane
Concen: 11.436 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

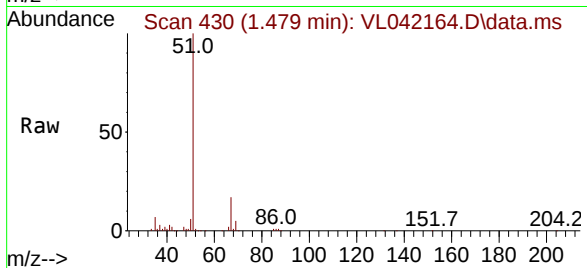
Tgt Ion: 85 Resp: 228699
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0





#3
Chlorodifluoromethane
Concen: 8.916 ppbv
RT: 1.479 min Scan# 430
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

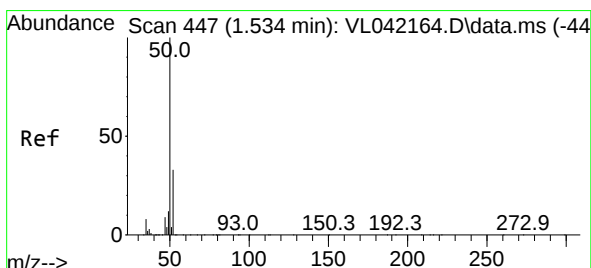
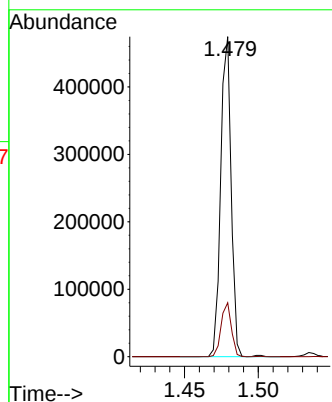
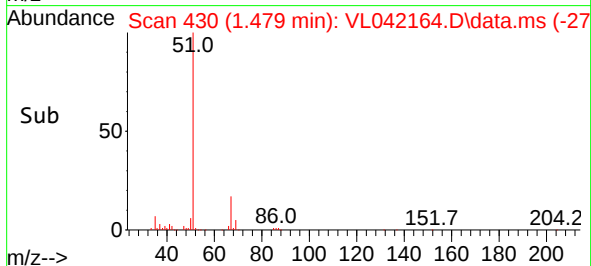
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



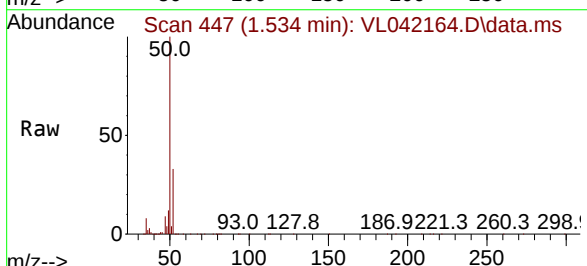
Tgt Ion: 51 Resp: 23424
Ion Ratio Lower Upper
51 100
67 16.6 13.3 19.9

Manual Integrations
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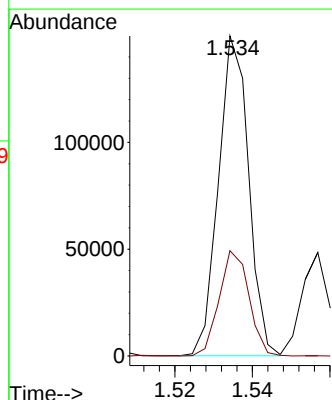
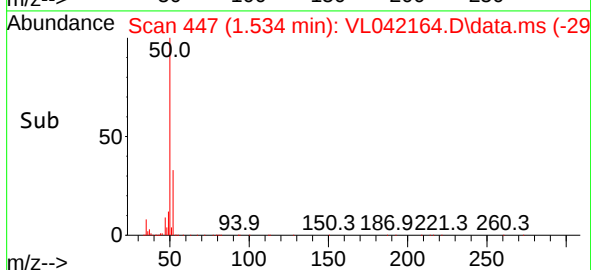
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

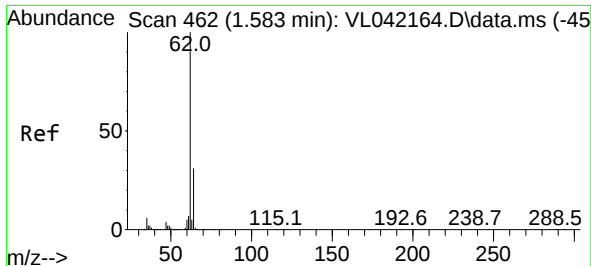


#4
Chloromethane
Concen: 11.021 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56



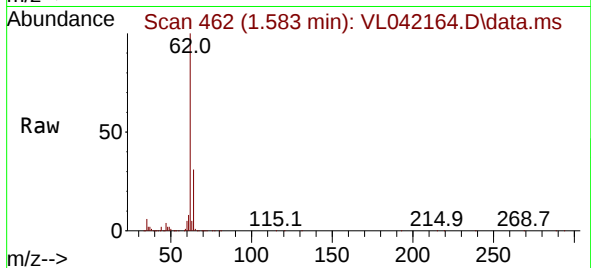
Tgt Ion: 50 Resp: 80907
Ion Ratio Lower Upper
50 100
52 33.0 26.4 39.6





#5
 Vinyl Chloride
 Concen: 11.448 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

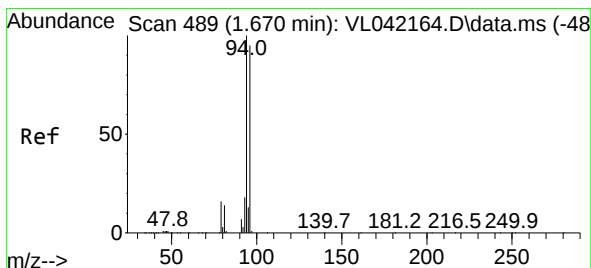
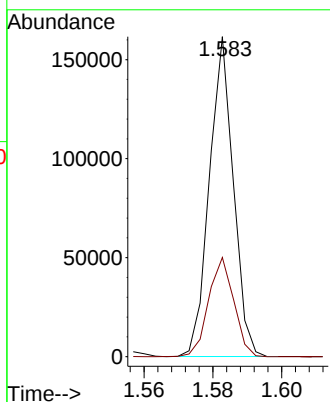
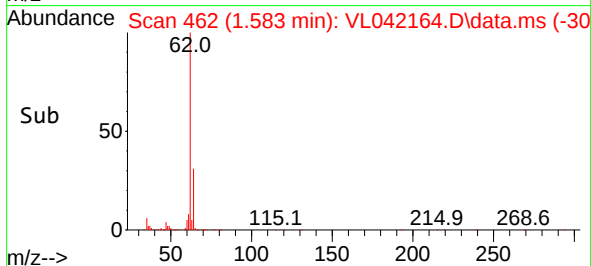
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



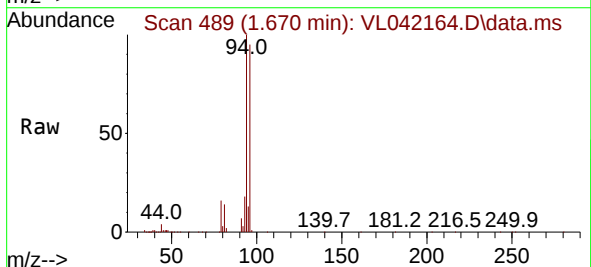
Tgt Ion: 62 Resp: 78292
 Ion Ratio Lower Upper
 62 100
 64 31.0 24.8 37.2

Manual Integrations
 APPROVED

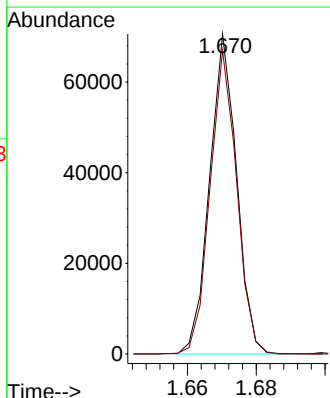
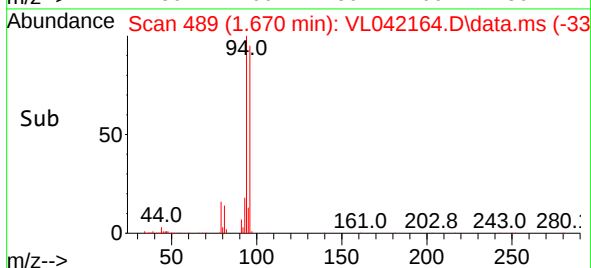
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

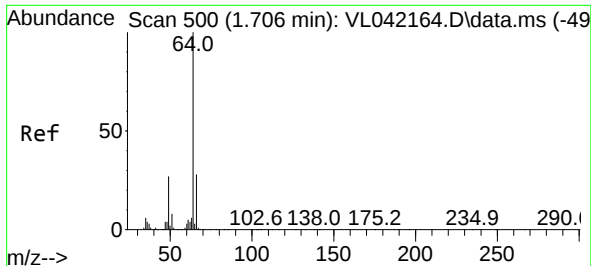


#6
 Bromomethane
 Concen: 11.564 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56



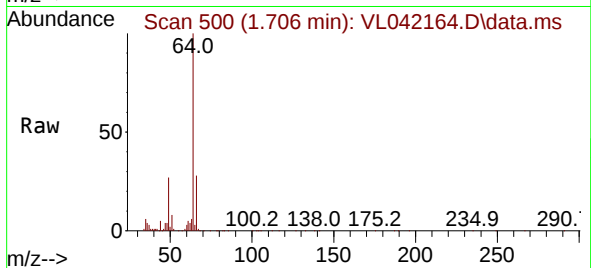
Tgt Ion: 94 Resp: 38469
 Ion Ratio Lower Upper
 94 100
 96 94.7 75.8 113.6





#7
Chloroethane
Concen: 11.308 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

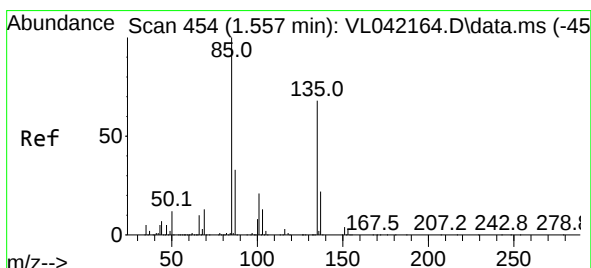
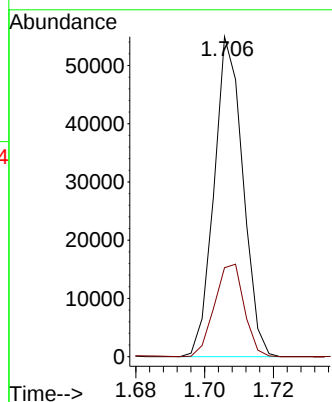
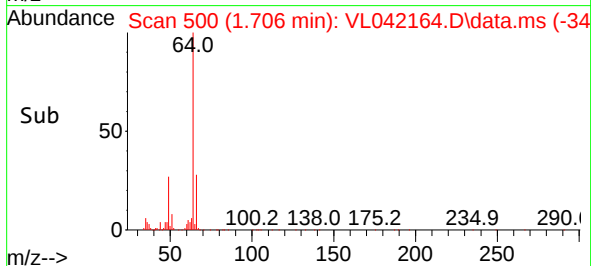
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 31998
Ion Ratio Lower Upper
64 100
66 27.8 22.2 33.4

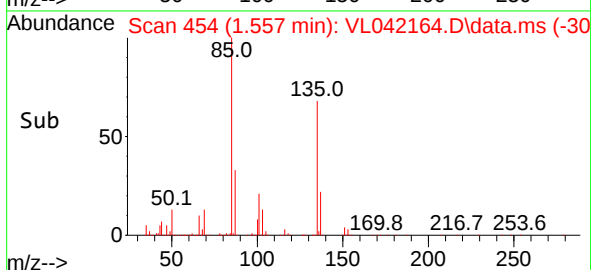
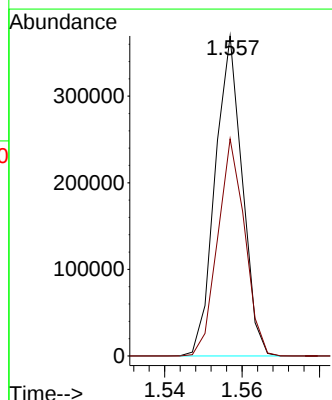
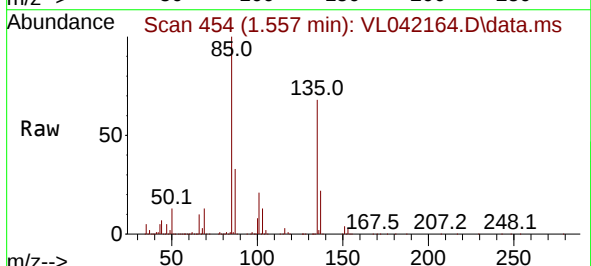
Manual Integrations
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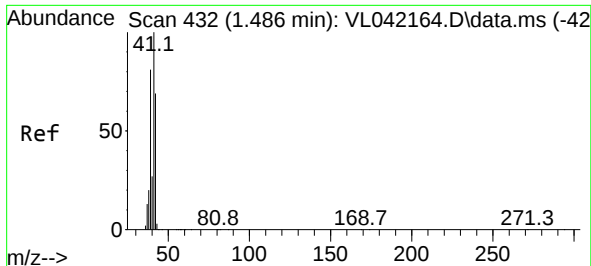
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#8
Dichlorotetrafluoroethane
Concen: 11.037 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Tgt Ion: 85 Resp: 179388
Ion Ratio Lower Upper
85 100
135 67.9 54.3 81.5





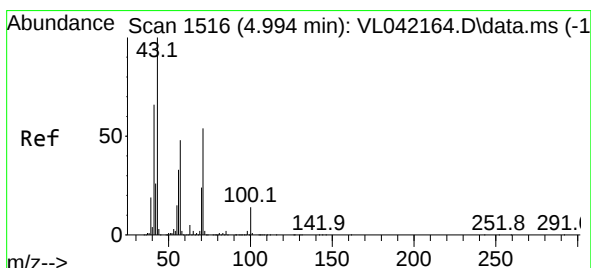
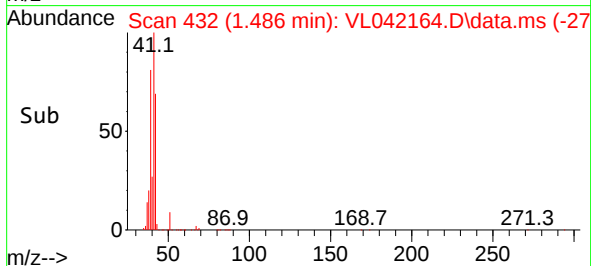
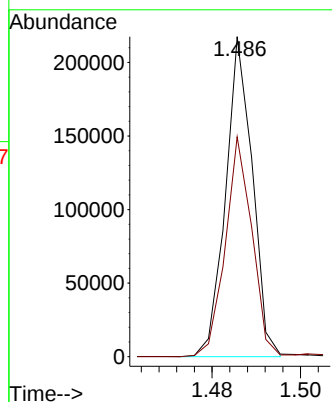
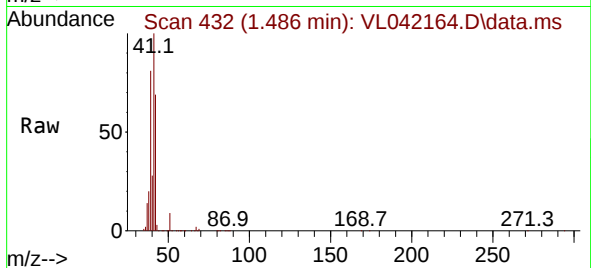
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 Propene
 Concen: 8.560 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 9128
 Ion Ratio Lower Upper
 41 100
 42 69.9 55.9 83.9

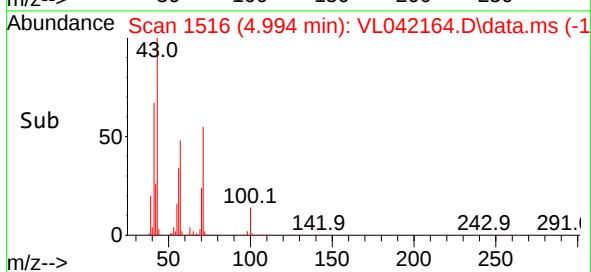
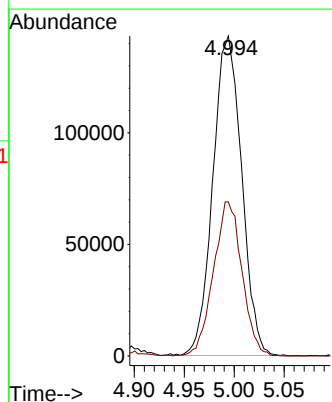
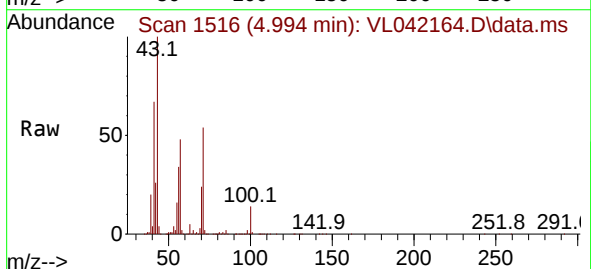
Manual Integrations
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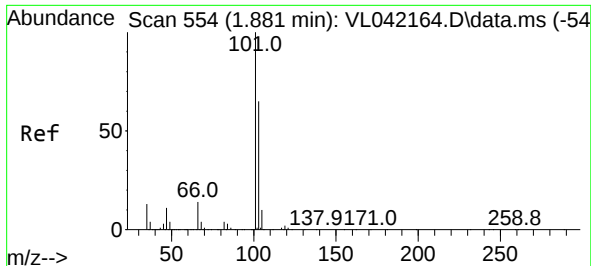
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#10
 Heptane
 Concen: 8.665 ppbv
 RT: 4.994 min Scan# 1516
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

Tgt Ion: 43 Resp: 286988
 Ion Ratio Lower Upper
 43 100
 57 47.9 38.3 57.5





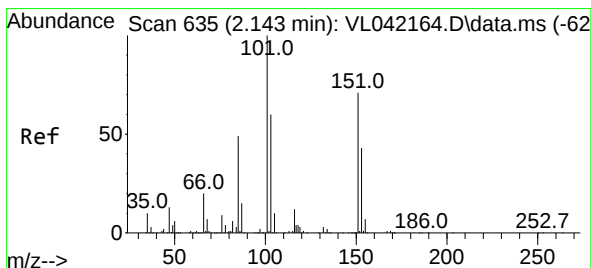
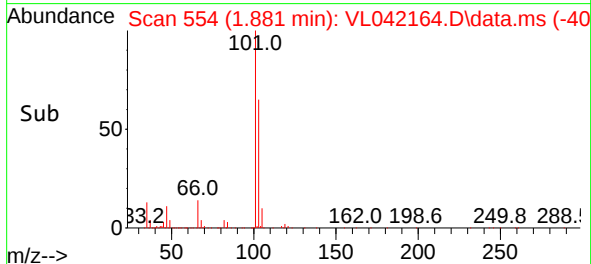
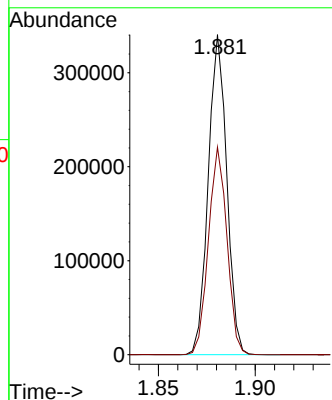
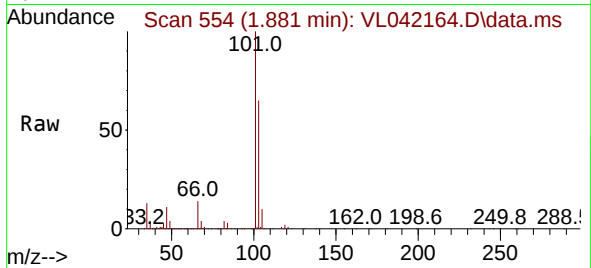
#11
 Trichlorofluoromethane
 Concen: 11.312 ppbv
 RT: 1.881 min Scan# 554
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:101 Resp: 22601
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.9 77.9

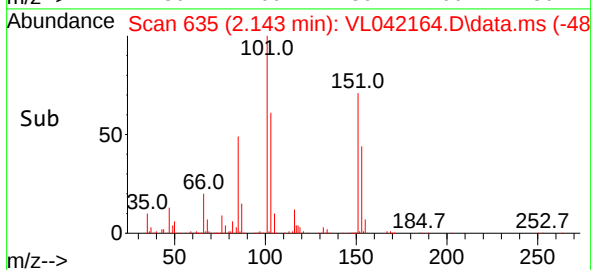
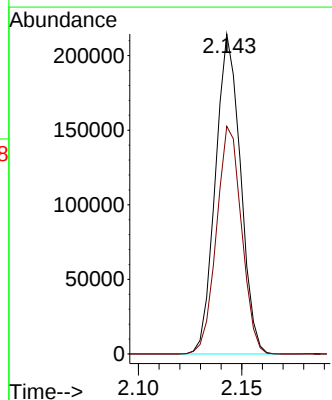
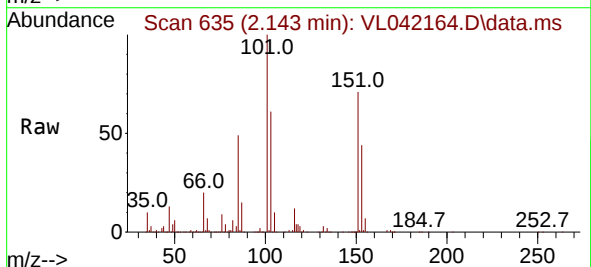
Manual Integrations
 APPROVED

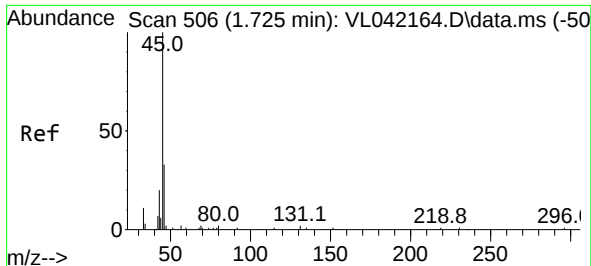
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.217 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

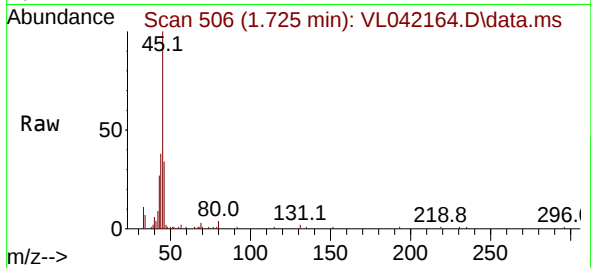
Tgt Ion:101 Resp: 181250
 Ion Ratio Lower Upper
 101 100
 151 71.1 57.0 85.4





#13
Ethanol
Concen: 6.310 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

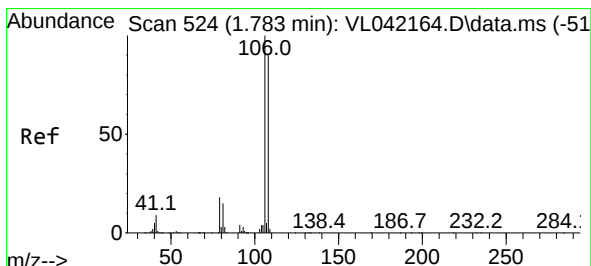
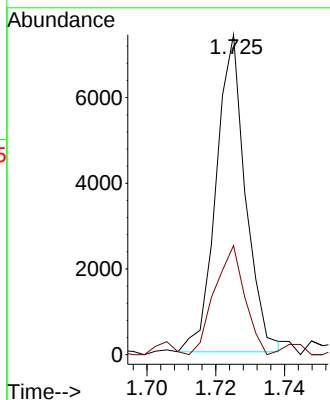
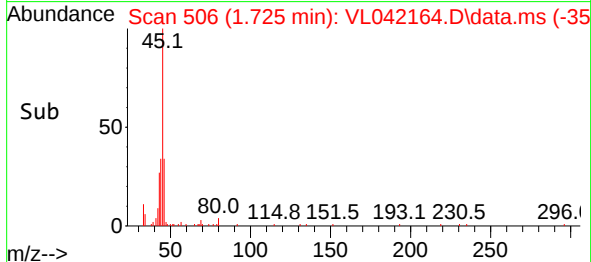
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



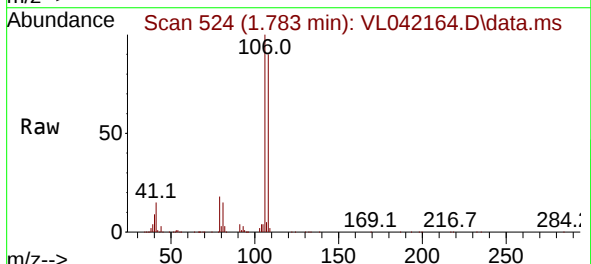
Tgt Ion: 45 Resp: 4402
Ion Ratio Lower Upper
45 100
46 40.7 16.3 65.1

Manual Integrations
APPROVED

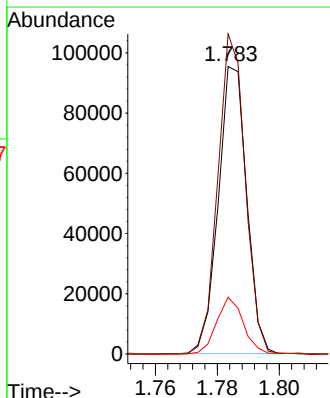
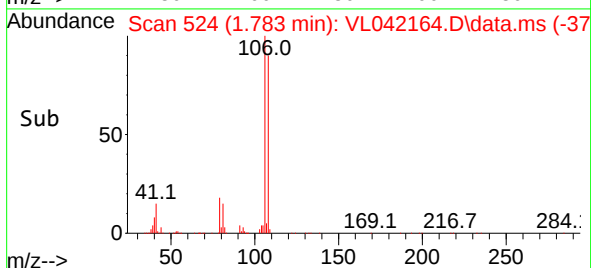
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

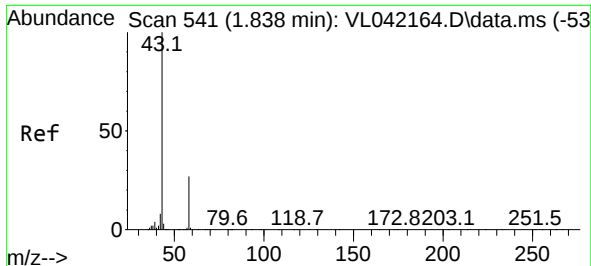


#14
Bromoethene
Concen: 10.901 ppbv
RT: 1.783 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56



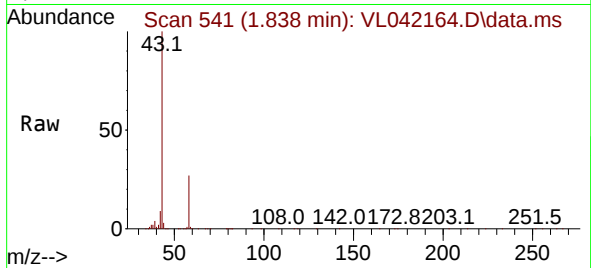
Tgt Ion:108 Resp: 60826
Ion Ratio Lower Upper
108 100
106 107.3 85.8 128.8
79 19.4 15.5 23.3





#15
Acetone
Concen: 10.237 ppbv
RT: 1.838 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

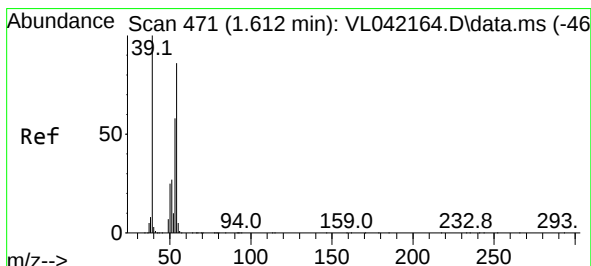
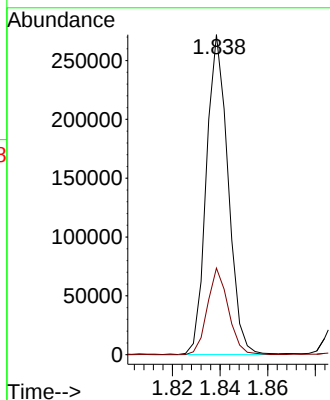
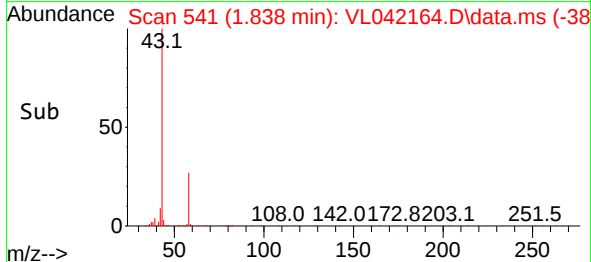
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



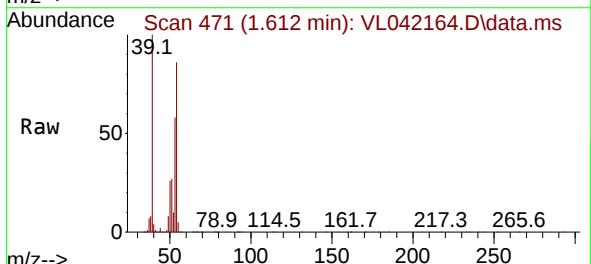
Tgt Ion: 43 Resp: 172680
Ion Ratio Lower Upper
43 100
58 26.1 20.9 31.3

Manual Integrations
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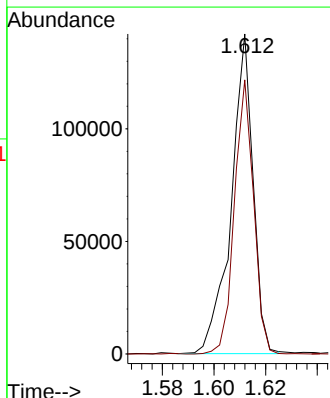
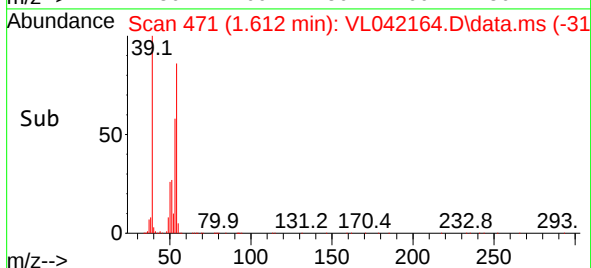
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

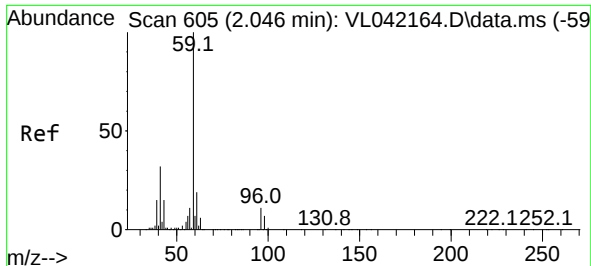


#16
1,3-Butadiene
Concen: 10.728 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56



Tgt Ion: 39 Resp: 83992
Ion Ratio Lower Upper
39 100
54 75.0 60.0 90.0





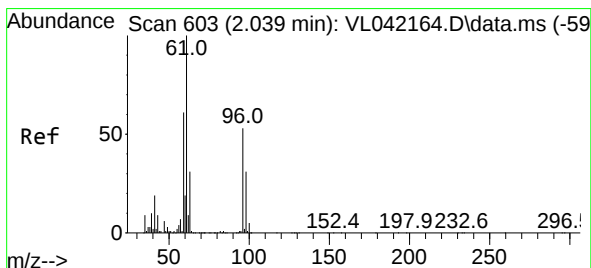
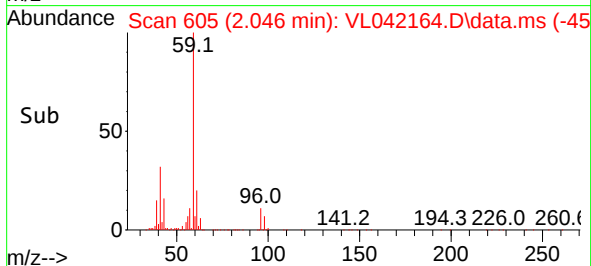
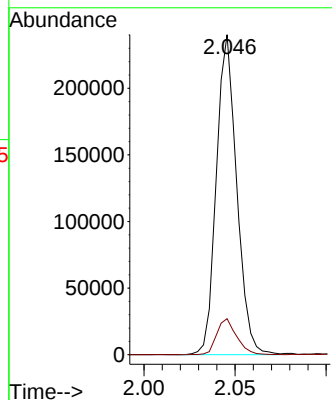
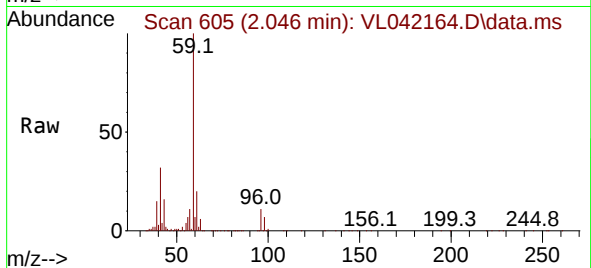
#17
tert-Butyl alcohol
Concen: 9.176 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 186327
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3

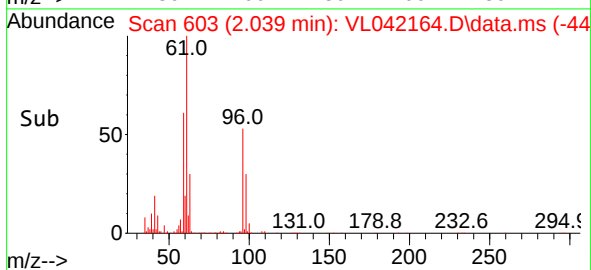
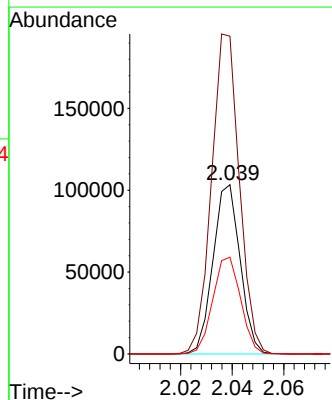
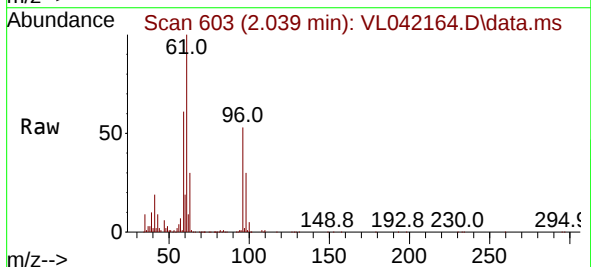
Manual Integrations
APPROVED

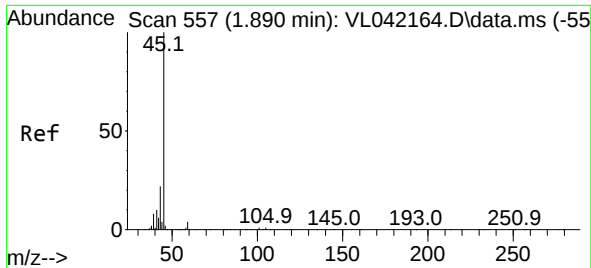
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#18
1,1-Dichloroethene
Concen: 10.547 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Tgt Ion: 96 Resp: 75468
Ion Ratio Lower Upper
96 100
61 187.5 150.0 225.0
98 57.1 45.7 68.5





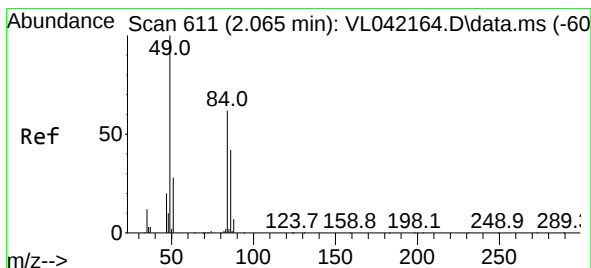
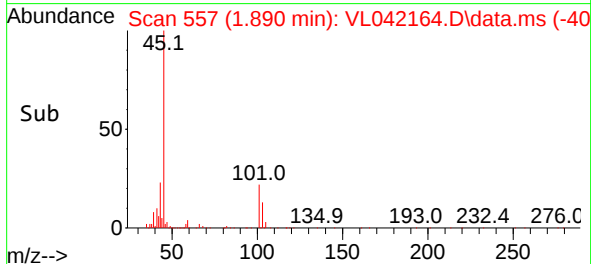
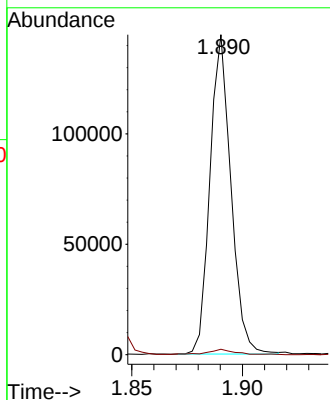
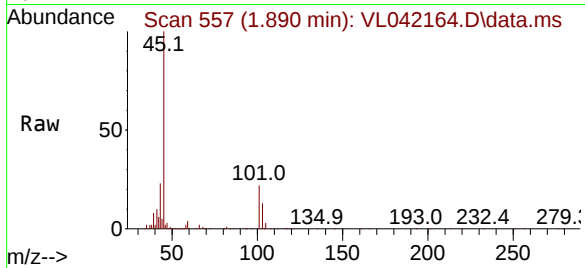
#19
Isopropyl Alcohol
Concen: 9.948 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 95315
Ion Ratio Lower Upper
45 100
58 2.3 1.8 2.8

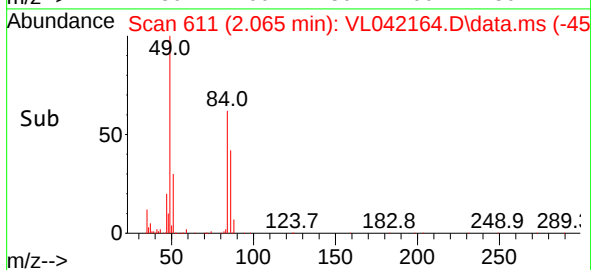
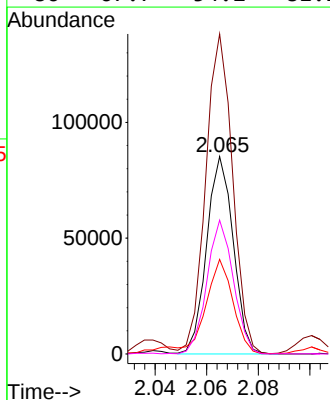
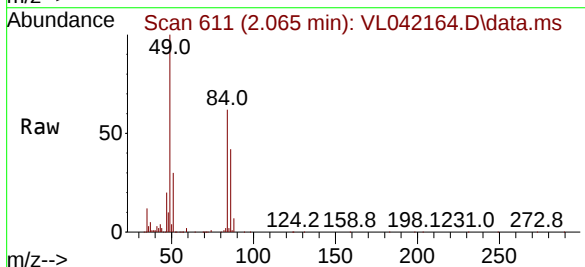
Manual Integrations
APPROVED

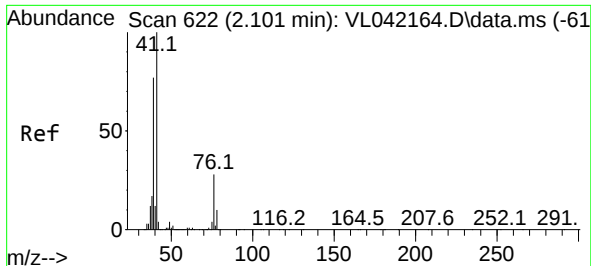
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#20
Methylene Chloride
Concen: 9.647 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

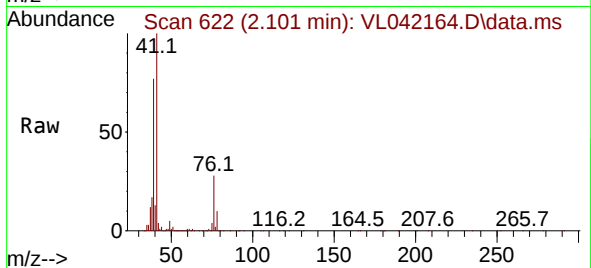
Tgt Ion: 84 Resp: 61067
Ion Ratio Lower Upper
84 100
49 161.7 129.4 194.0
51 47.7 38.2 57.2
86 67.7 54.2 81.2





#21
 Allyl Chloride
 Concen: 10.276 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

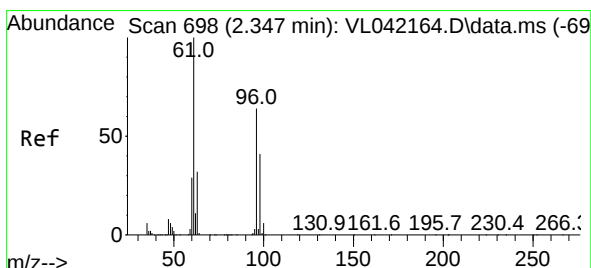
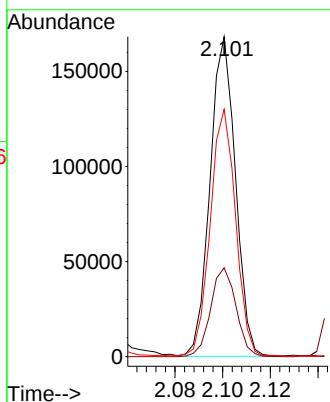
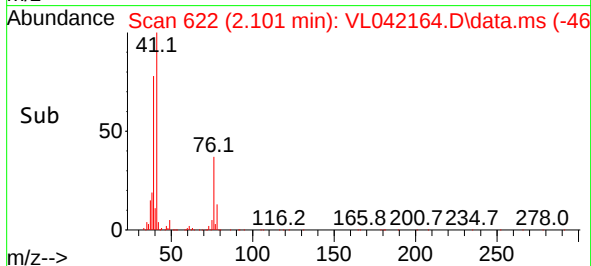
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



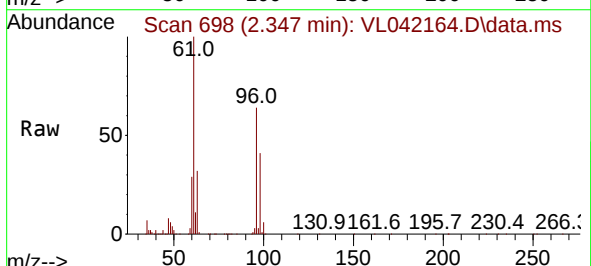
Tgt Ion: 41 Resp: 124329
 Ion Ratio Lower Upper
 41 100
 76 27.8 22.2 33.4
 39 76.9 61.4 92.2

Manual Integrations
 APPROVED

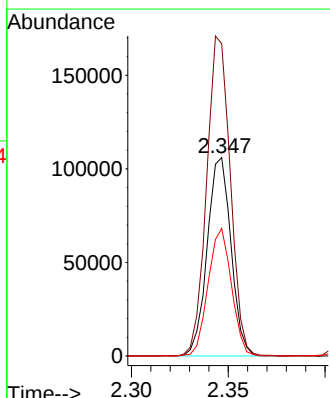
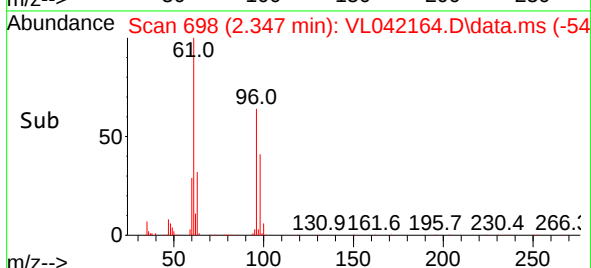
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

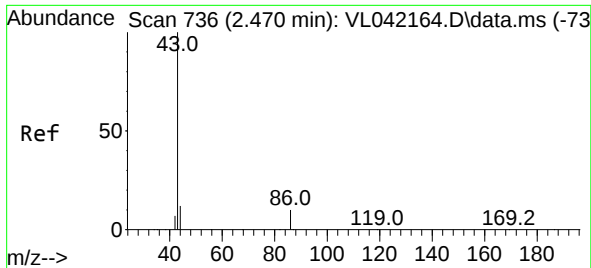


#22
 trans-1,2-Dichloroethene
 Concen: 10.743 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56



Tgt Ion: 96 Resp: 90822
 Ion Ratio Lower Upper
 96 100
 61 157.3 125.8 188.8
 98 64.3 51.4 77.2





#23
 Vinyl Acetate
 Concen: 6.569 ppbv
 RT: 2.470 min Scan# 736
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

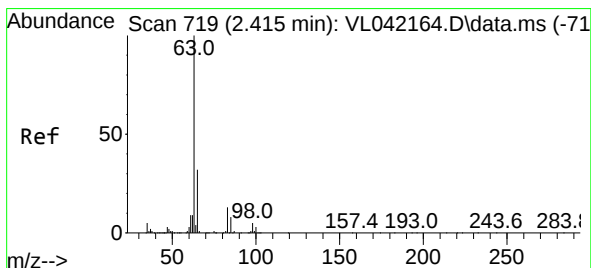
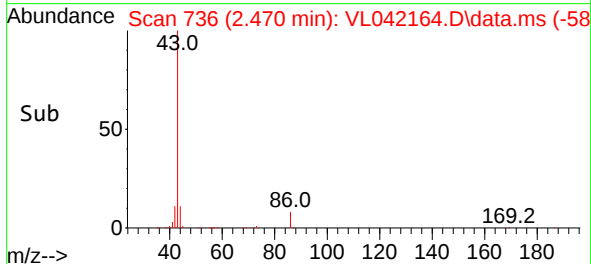
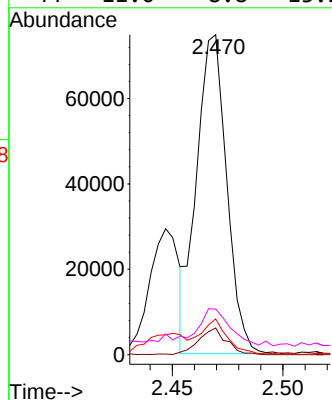
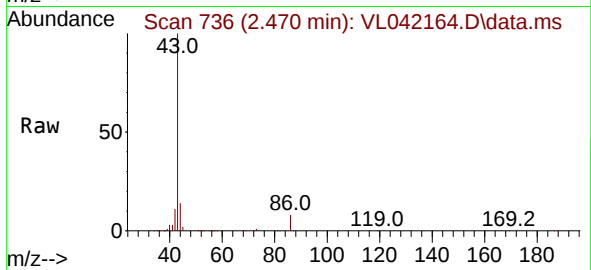
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 70829

Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.7	10.1
42	10.6	8.5	12.7
44	11.0	8.8	13.2

Manual Integrations
 APPROVED

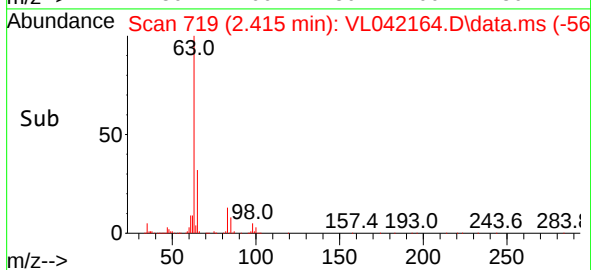
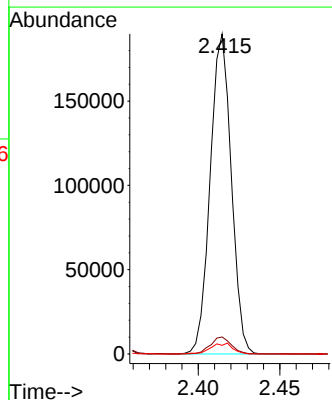
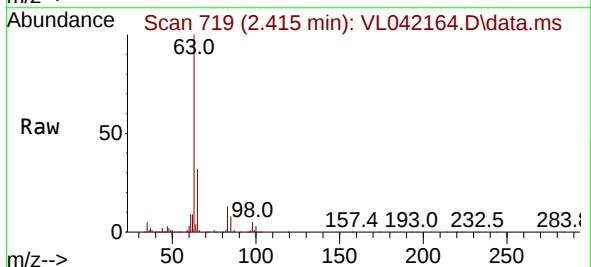
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

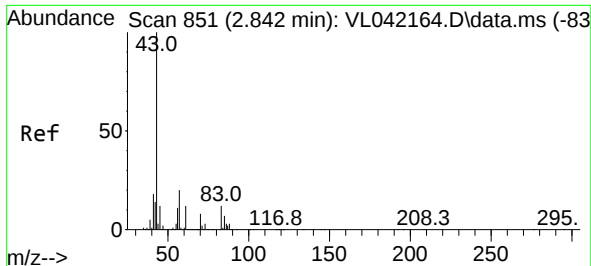


#24
 1,1-Dichloroethane
 Concen: 10.832 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

Tgt Ion: 63 Resp: 170578

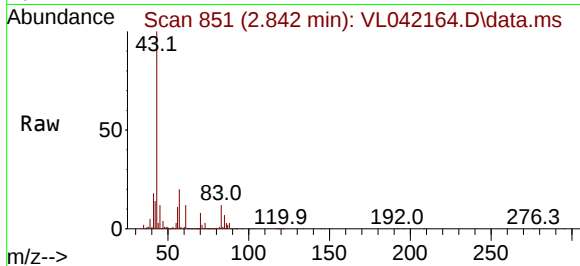
Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.6	7.8
100	2.7	1.4	4.0





#25
Ethyl Acetate
Concen: 8.936 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

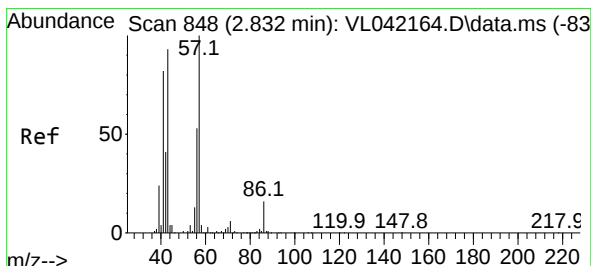
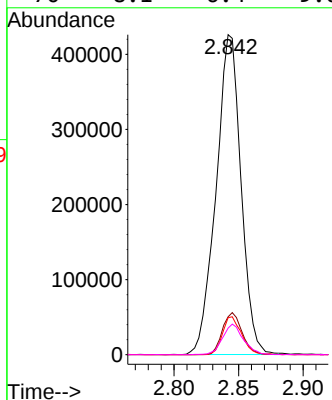
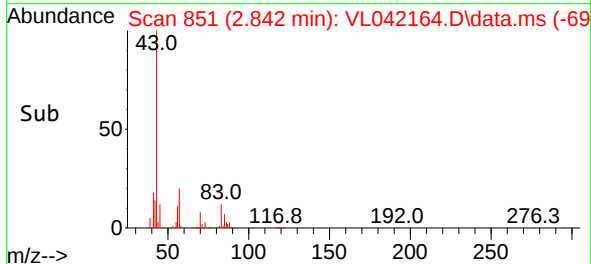
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



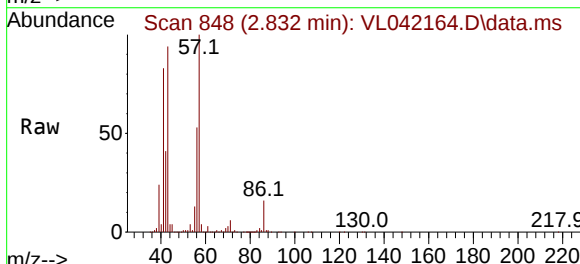
Tgt Ion: 43 Resp: 57175
Ion Ratio Lower Upper
43 100
45 10.4 8.4 12.6
61 9.2 7.3 10.9
70 8.1 6.4 9.6

Manual Integrations
APPROVED

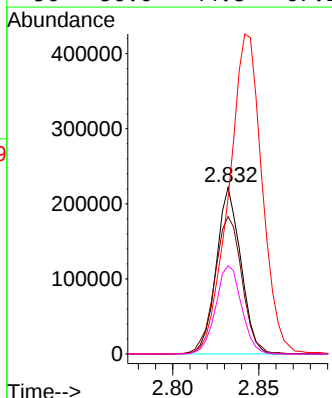
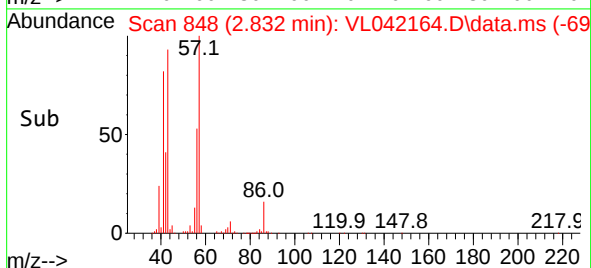
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

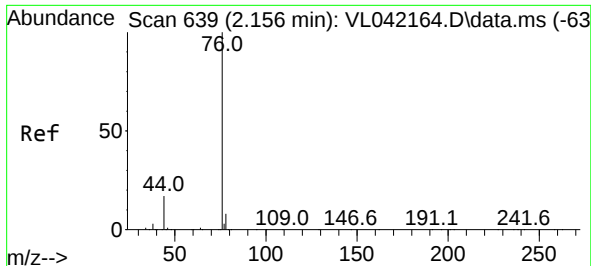


#26
Hexane
Concen: 8.556 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56



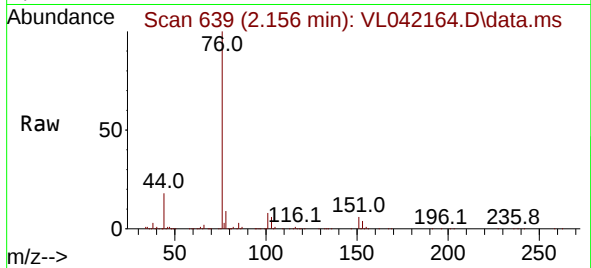
Tgt Ion: 57 Resp: 219348
Ion Ratio Lower Upper
57 100
41 92.4 73.9 110.9
43 262.5 210.0 315.0
56 56.0 44.8 67.2





#27
Carbon Disulfide
Concen: 11.371 ppbv
RT: 2.156 min Scan# 639
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

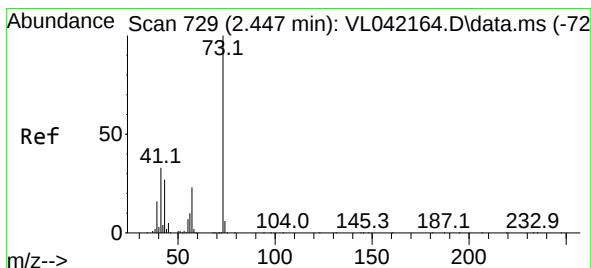
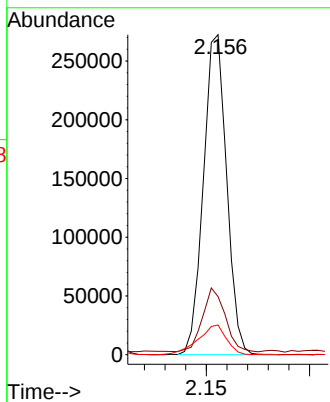
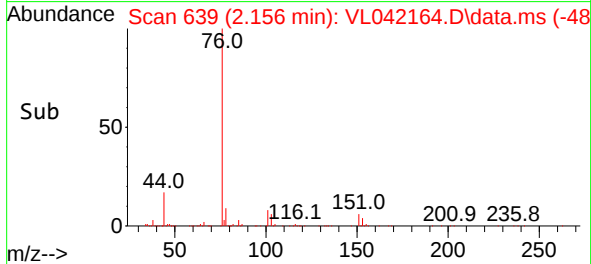
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



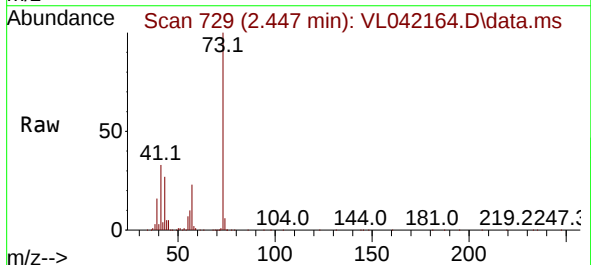
Tgt Ion: 76 Resp: 212700
Ion Ratio Lower Upper
76 100
44 20.0 17.0 25.4
78 11.3 9.0 13.6

Manual Integrations
APPROVED

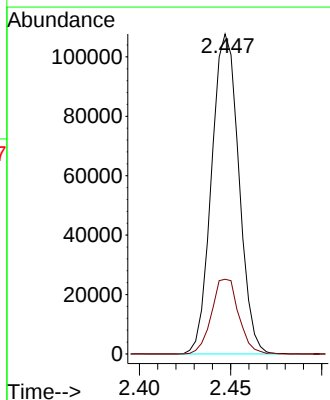
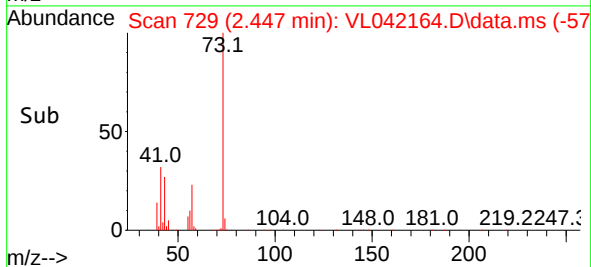
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

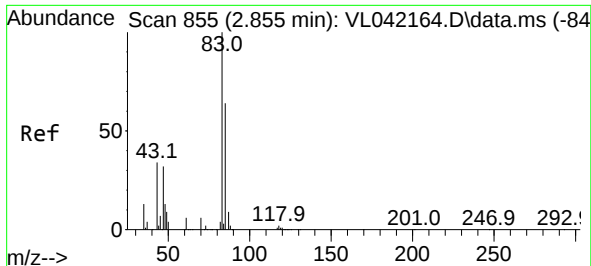


#28
Methyl tert-Butyl Ether
Concen: 8.467 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56



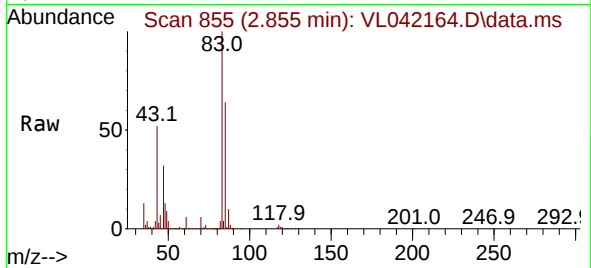
Tgt Ion: 73 Resp: 112136
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0





#29
Chloroform
Concen: 9.015 ppbv
RT: 2.855 min Scan# 855
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

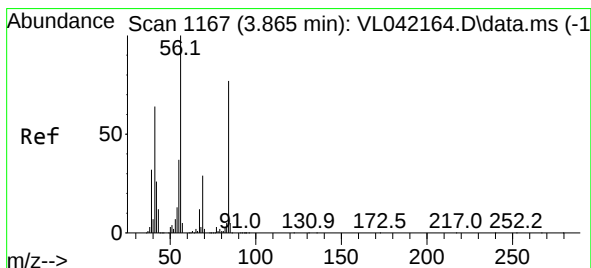
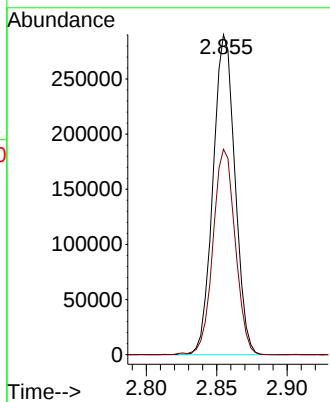
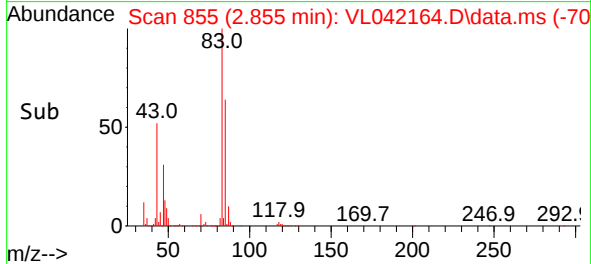
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



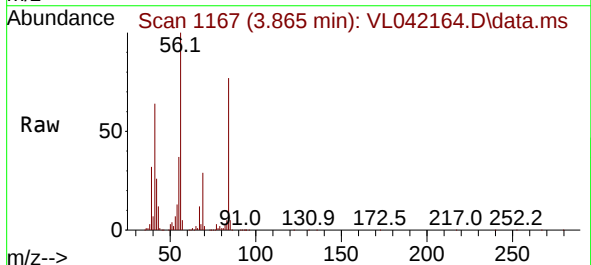
Tgt Ion: 83 Resp: 314680
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0

Manual Integrations
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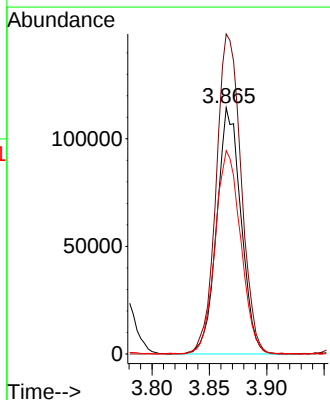
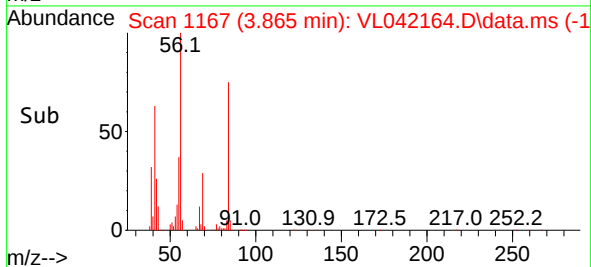
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

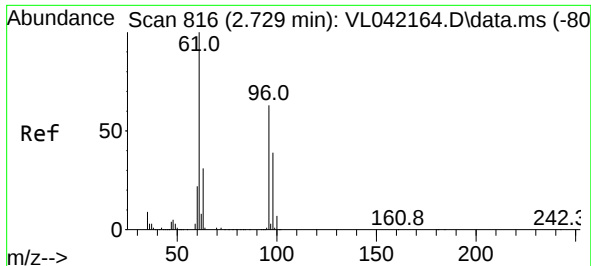


#30
Cyclohexane
Concen: 8.207 ppbv
RT: 3.865 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56



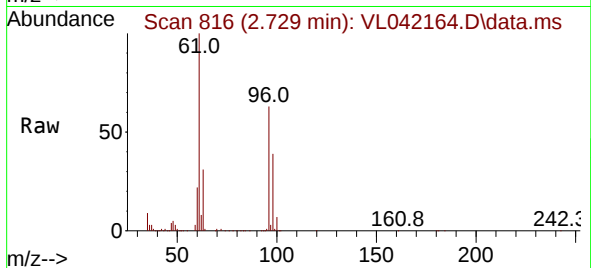
Tgt Ion: 84 Resp: 168099
Ion Ratio Lower Upper
84 100
56 133.8 107.0 160.6
41 87.4 69.9 104.9





#31
 cis-1,2-Dichloroethene
 Concen: 8.068 ppbv
 RT: 2.729 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

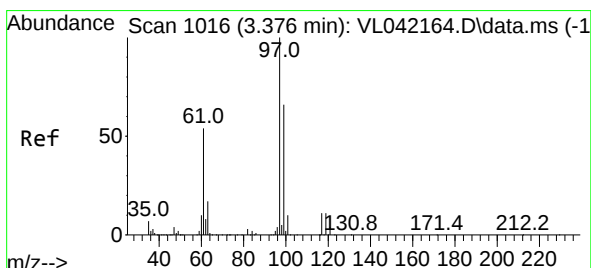
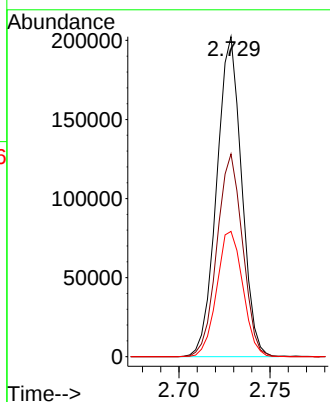
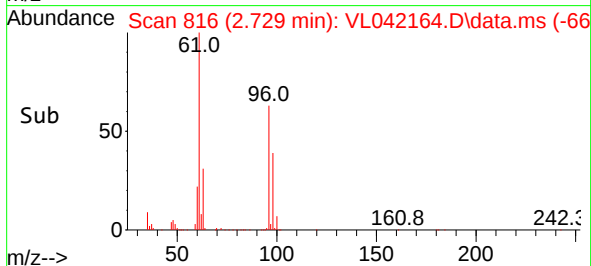
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



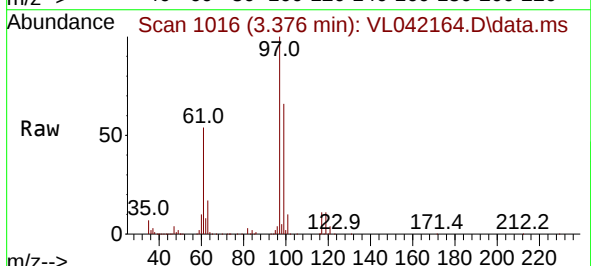
Tgt Ion: 61 Resp: 192680
 Ion Ratio Lower Upper
 61 100
 96 63.4 50.7 76.1
 98 39.2 31.4 47.0

Manual Integrations
 APPROVED

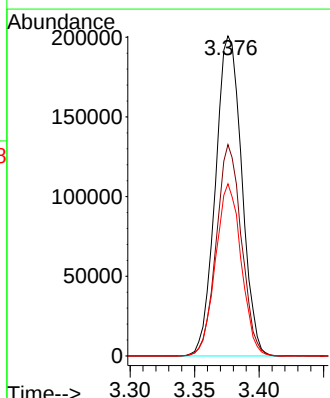
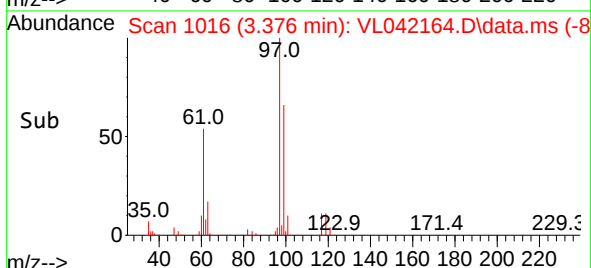
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

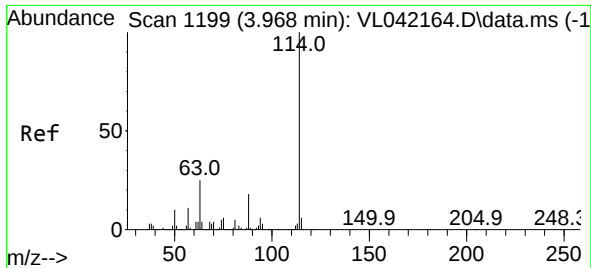


#32
 1,1,1-Trichloroethane
 Concen: 8.545 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56



Tgt Ion: 97 Resp: 284429
 Ion Ratio Lower Upper
 97 100
 99 63.2 50.6 75.8
 61 52.6 42.1 63.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VL042164.D

Acq: 25 Mar 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 422369

Ion Ratio Lower Upper

114 100

63 25.1 20.1 30.1

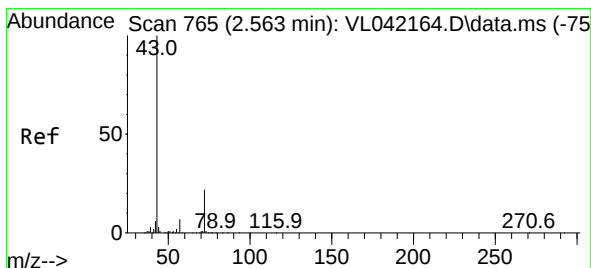
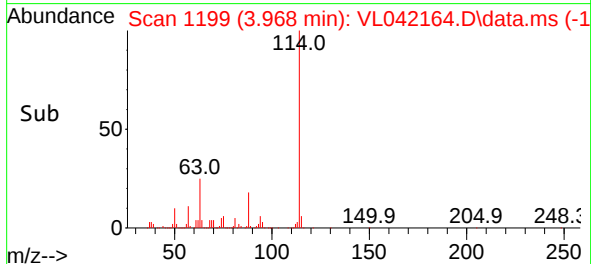
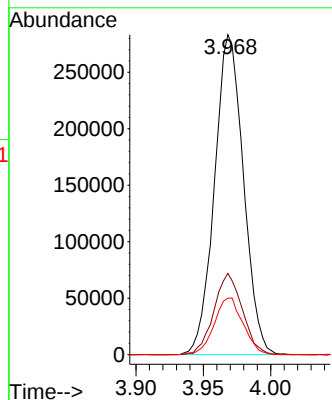
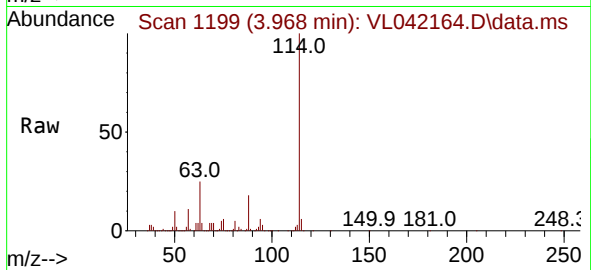
88 17.7 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#34

2-Butanone

Concen: 9.322 ppbv

RT: 2.563 min Scan# 765

Delta R.T. 0.000 min

Lab File: VL042164.D

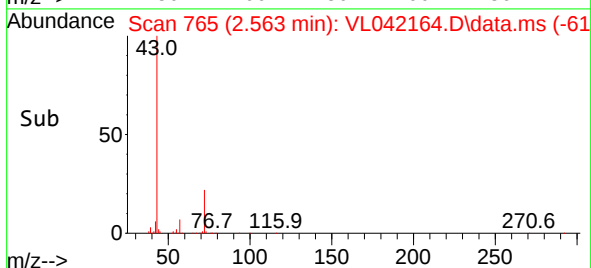
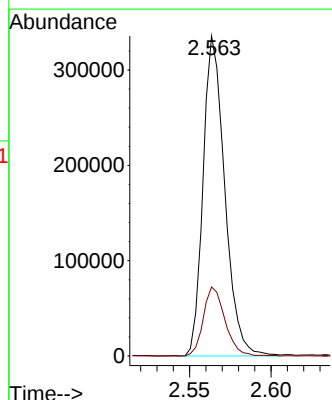
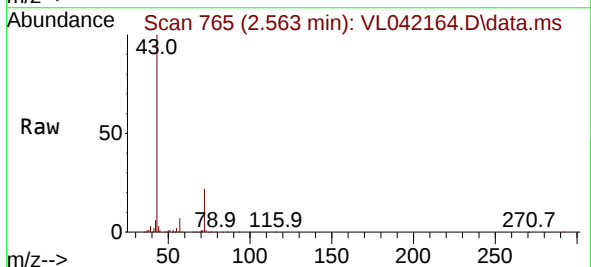
Acq: 25 Mar 2025 08:56

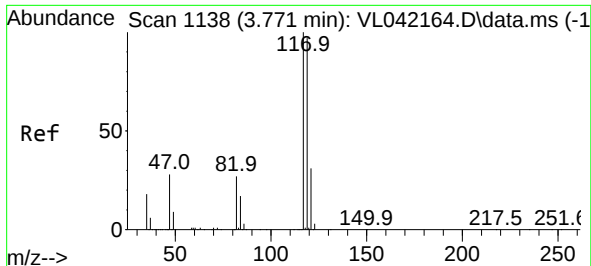
Tgt Ion: 43 Resp: 310052

Ion Ratio Lower Upper

43 100

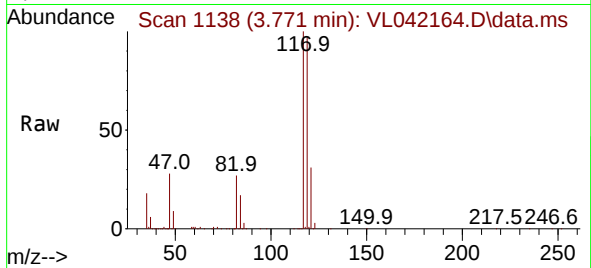
72 21.5 17.2 25.8





#35
Carbon Tetrachloride
Concen: 10.190 ppbv
RT: 3.771 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

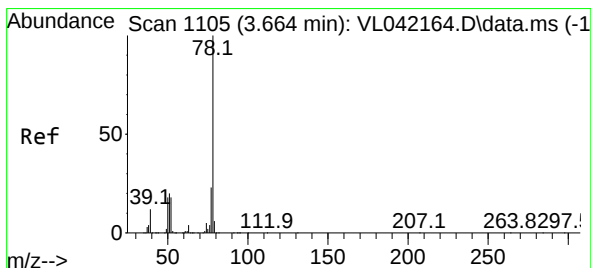
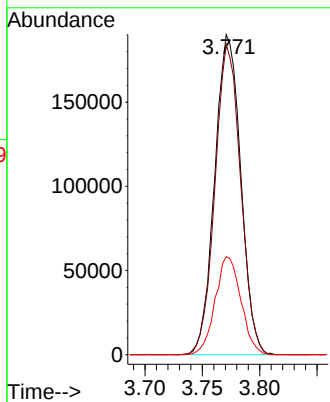
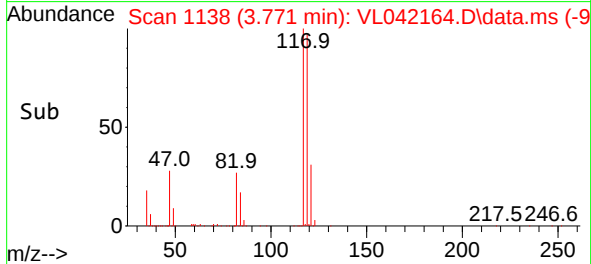
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



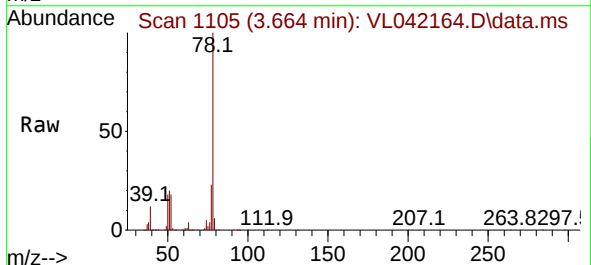
Tgt Ion: 117 Resp: 300239
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
121 30.6 24.5 36.7

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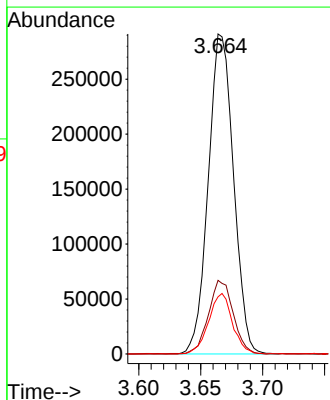
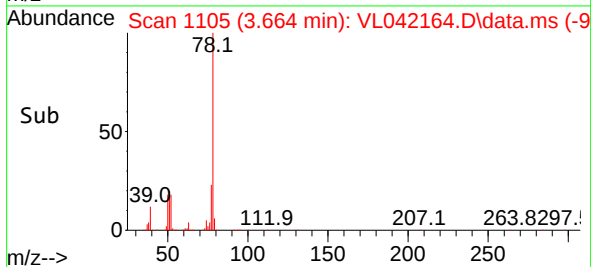
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

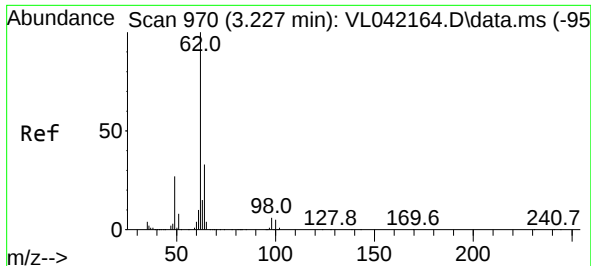


#36
Benzene
Concen: 9.340 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56



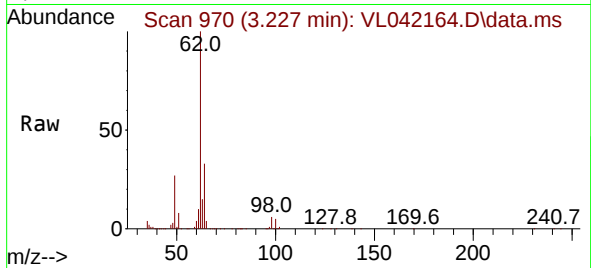
Tgt Ion: 78 Resp: 413821
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6
50 17.8 14.2 21.4





#37
1,2-Dichloroethane
Concen: 9.177 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

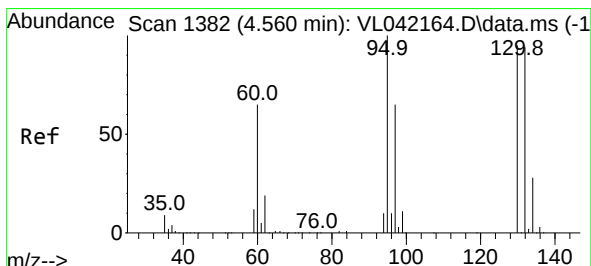
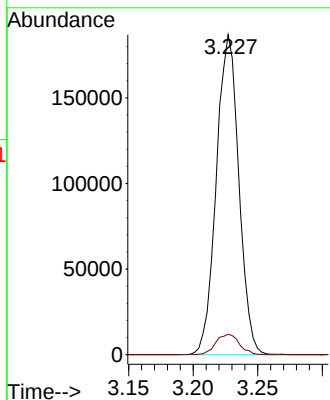
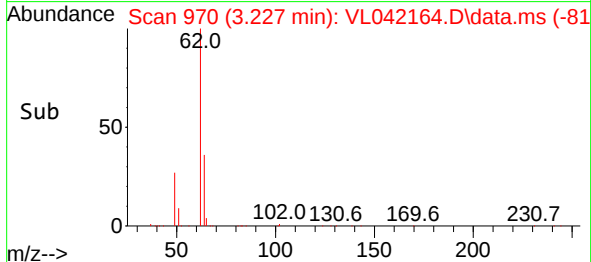
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



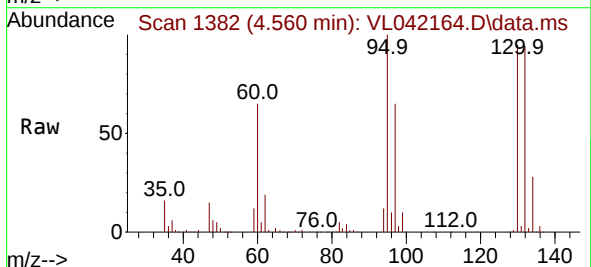
Tgt Ion: 62 Resp: 226162
Ion Ratio Lower Upper
62 100
98 6.7 5.4 8.0

Manual Integrations
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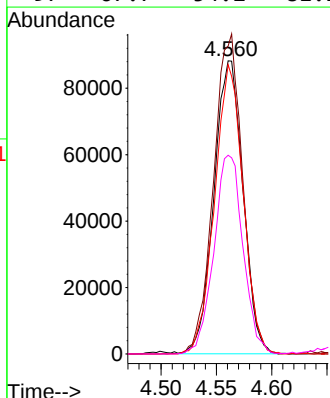
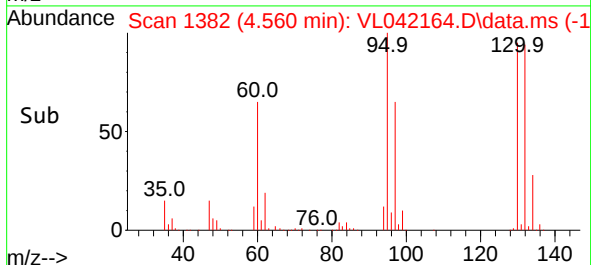
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

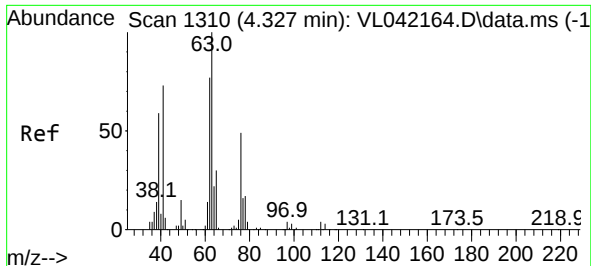


#38
Trichloroethene
Concen: 8.911 ppbv
RT: 4.560 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56



Tgt Ion:130 Resp: 161045
Ion Ratio Lower Upper
130 100
95 105.1 84.1 126.1
132 98.8 79.0 118.6
97 67.7 54.2 81.2





#39

1,2-Dichloropropane

Concen: 9.332 ppbv

RT: 4.327 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VL042164.D

Acq: 25 Mar 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 63 Resp: 157909

Ion Ratio Lower Upper

63 100

41 73.5 58.8 88.2

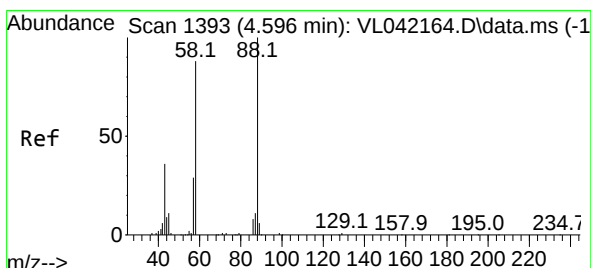
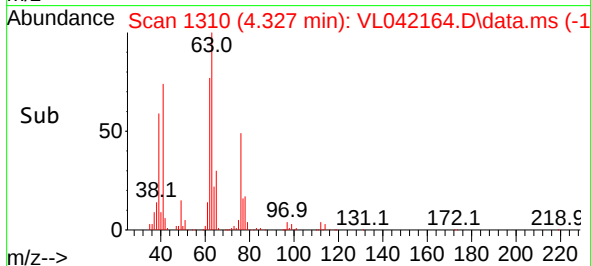
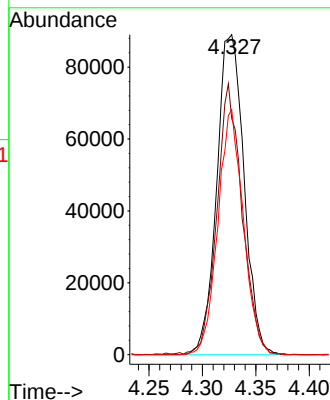
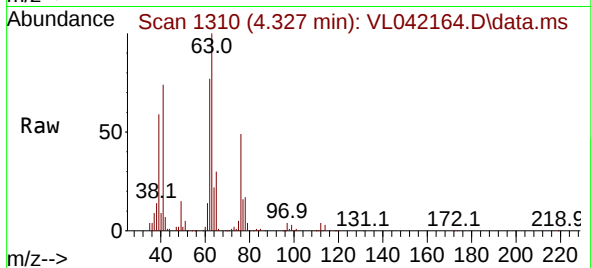
62 76.6 61.3 91.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#40

1,4-Dioxane

Concen: 8.968 ppbv

RT: 4.596 min Scan# 1393

Delta R.T. 0.000 min

Lab File: VL042164.D

Acq: 25 Mar 2025 08:56

Tgt Ion: 88 Resp: 68561

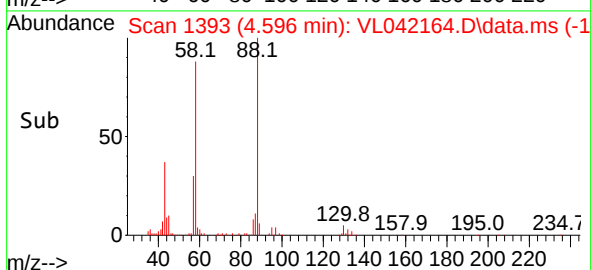
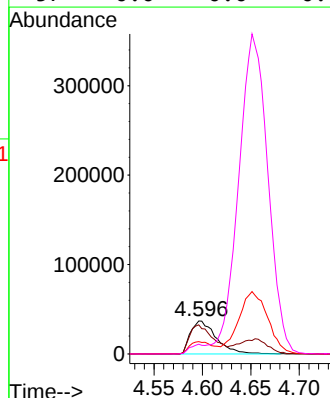
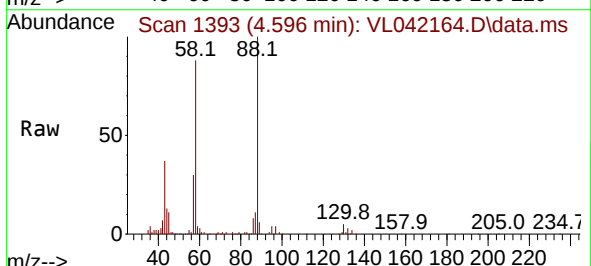
Ion Ratio Lower Upper

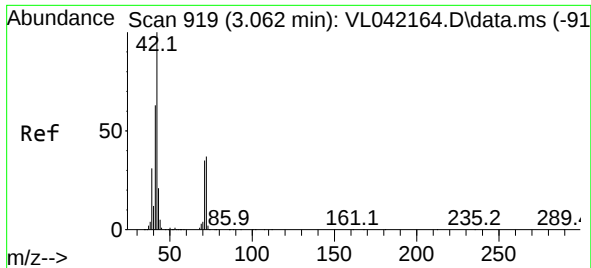
88 100

58 85.0 68.0 102.0

43 31.6 25.3 37.9

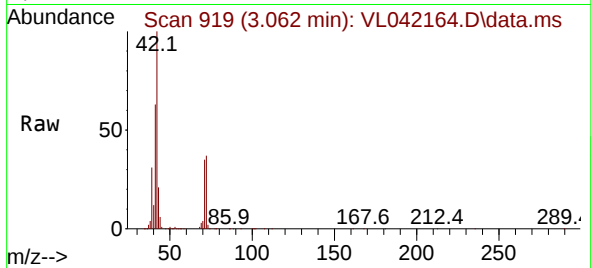
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 8.960 ppbv
RT: 3.062 min Scan# 919
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

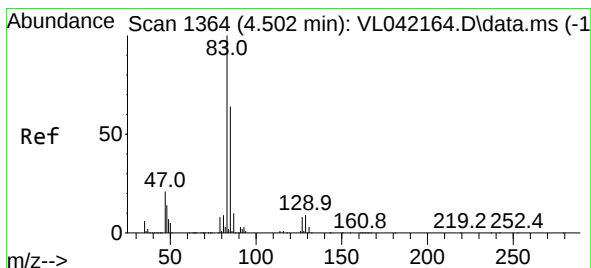
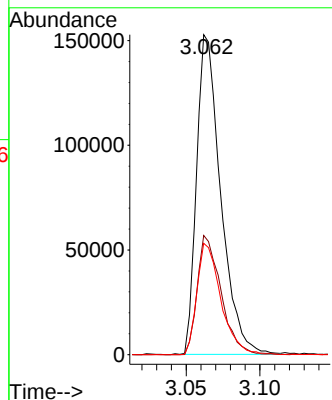
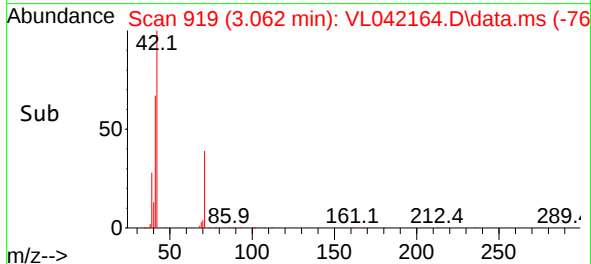
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



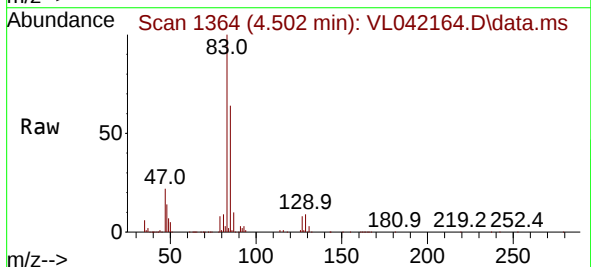
Tgt Ion: 42 Resp: 173662
Ion Ratio Lower Upper
42 100
72 36.9 29.4 44.2
71 34.6 27.8 41.6

Manual Integrations
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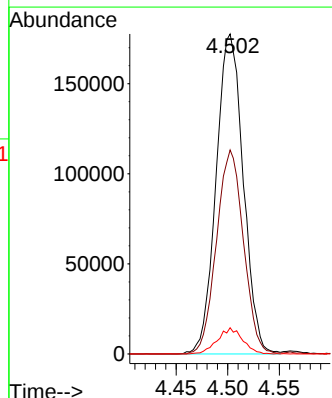
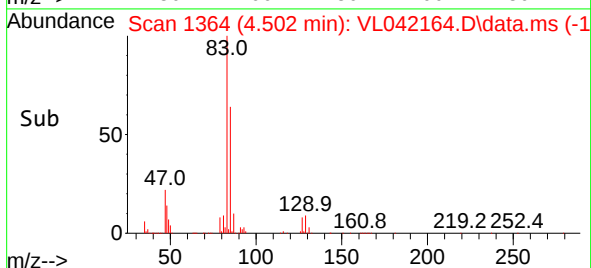
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

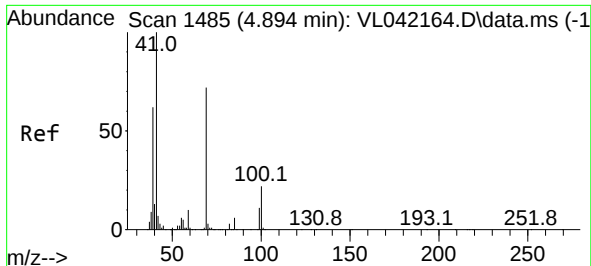


#42
Bromodichloromethane
Concen: 9.760 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56



Tgt Ion: 83 Resp: 324884
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 8.2 6.6 9.8





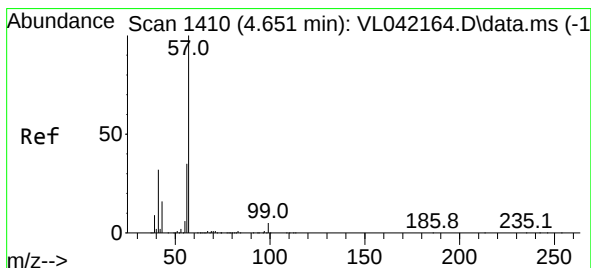
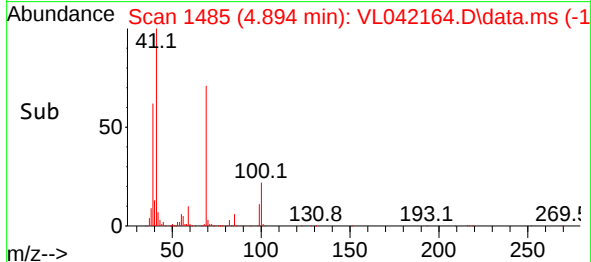
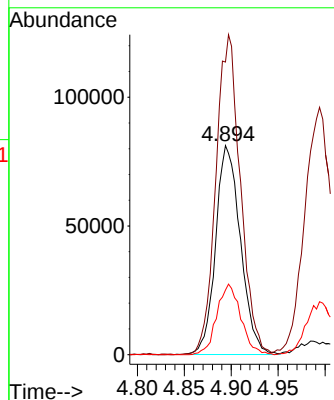
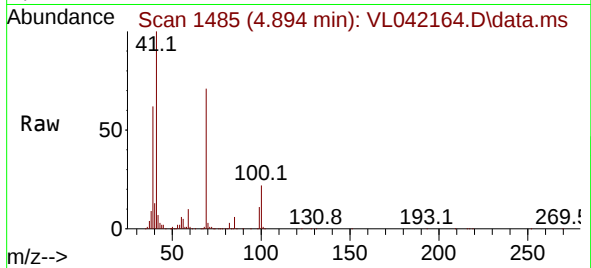
#43
Methyl Methacrylate
Concen: 8.813 ppbv
RT: 4.894 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 149340
Ion Ratio Lower Upper
69 100
41 150.7 120.6 180.8
100 32.7 26.2 39.2

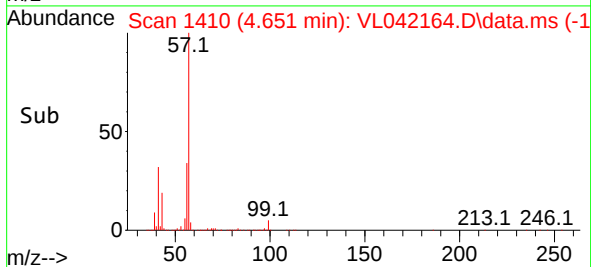
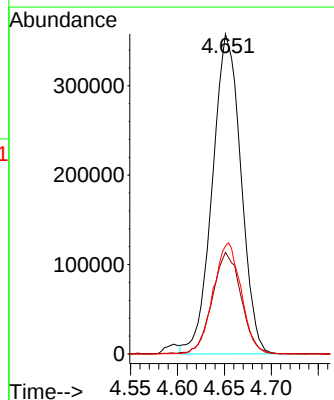
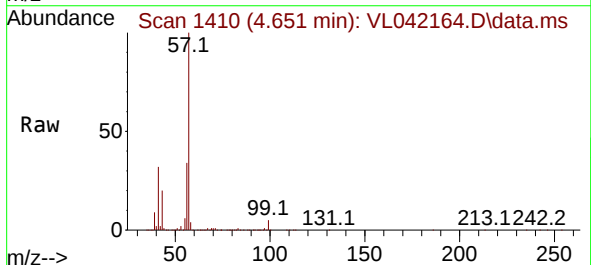
Manual Integrations
APPROVED

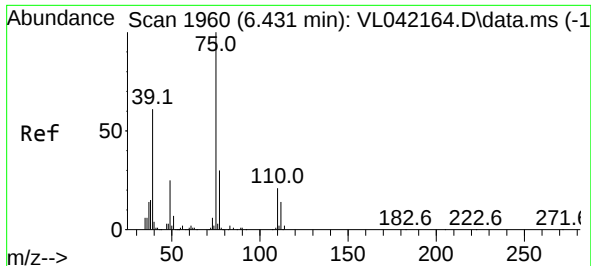
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#44
2,2,4-Trimethylpentane
Concen: 9.567 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Tgt Ion: 57 Resp: 756318
Ion Ratio Lower Upper
57 100
41 32.5 25.8 38.8
56 34.2 27.4 41.0





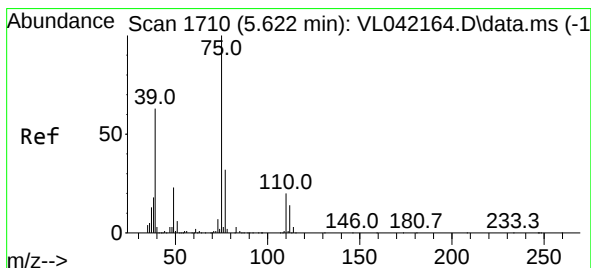
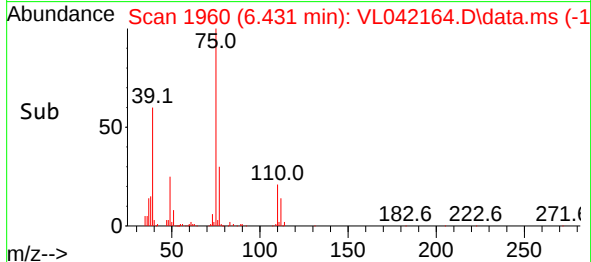
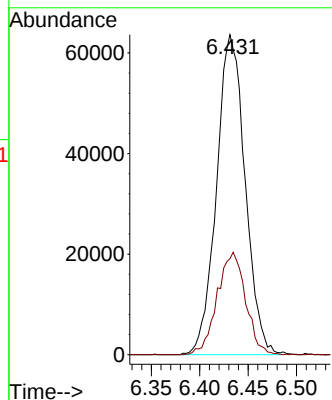
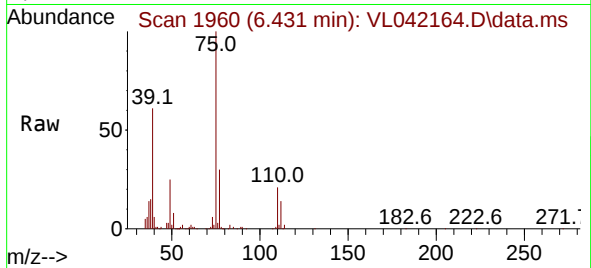
#45
 t-1,3-Dichloropropene
 Concen: 7.945 ppbv
 RT: 6.431 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 13067
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.0 36.0

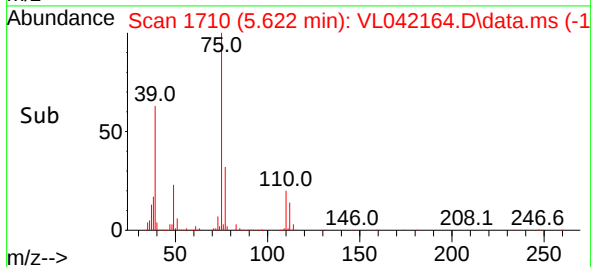
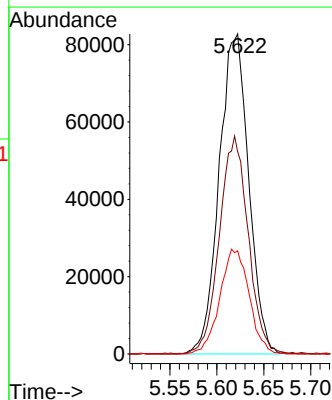
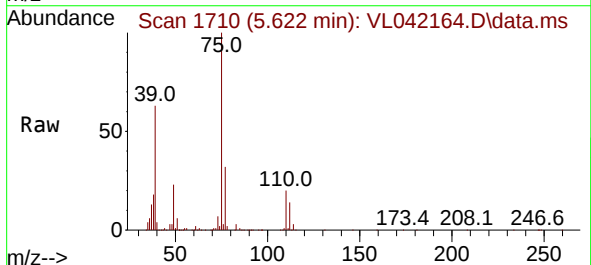
Manual Integrations
 APPROVED

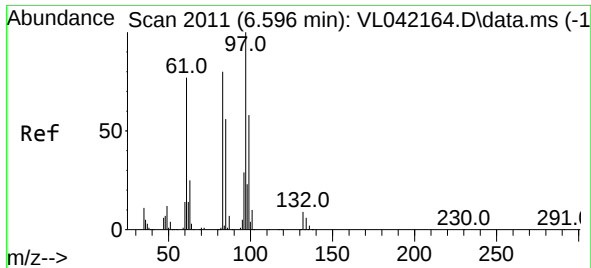
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#46
 cis-1,3-Dichloropropene
 Concen: 8.438 ppbv
 RT: 5.622 min Scan# 1710
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

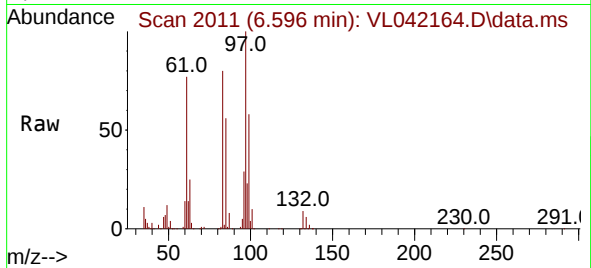
Tgt Ion: 75 Resp: 181069
 Ion Ratio Lower Upper
 75 100
 39 63.0 50.4 75.6
 77 32.3 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 9.659 ppbv
RT: 6.596 min Scan# 2011
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

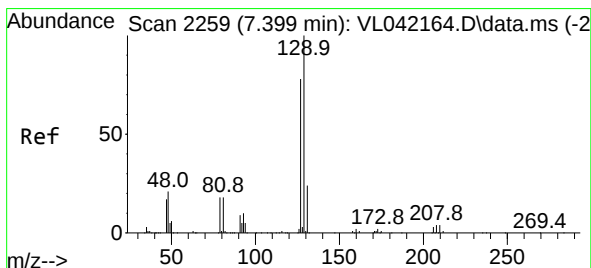
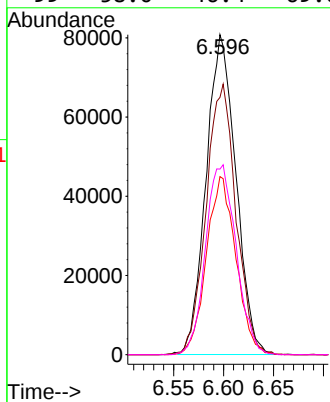
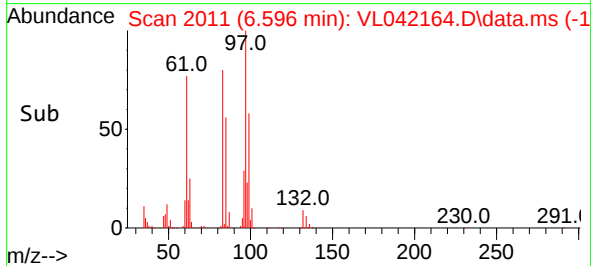
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 167475
Ion Ratio Lower Upper
97 100
83 80.3 64.2 96.4
85 55.6 44.5 66.7
99 58.0 46.4 69.6

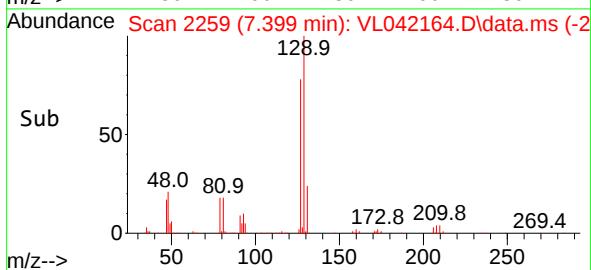
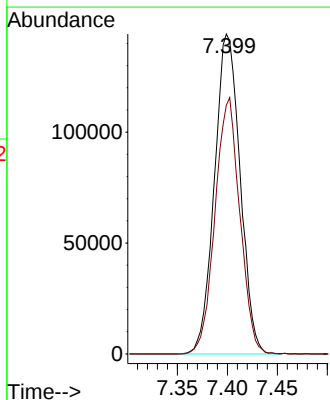
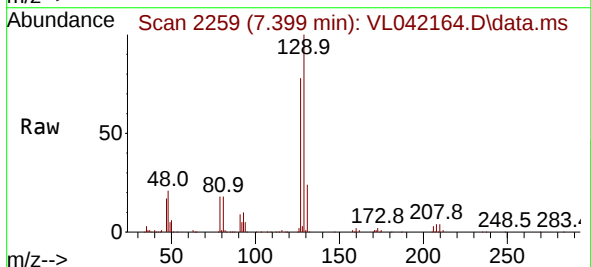
Manual Integrations
APPROVED

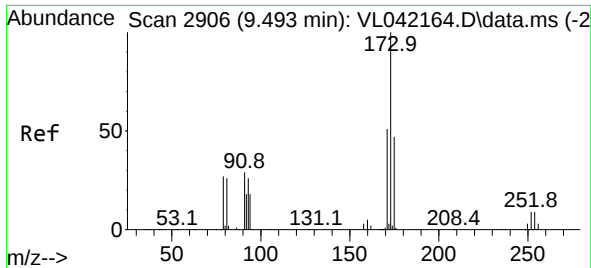
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#48
Dibromochloromethane
Concen: 9.619 ppbv
RT: 7.399 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Tgt Ion:129 Resp: 258020
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





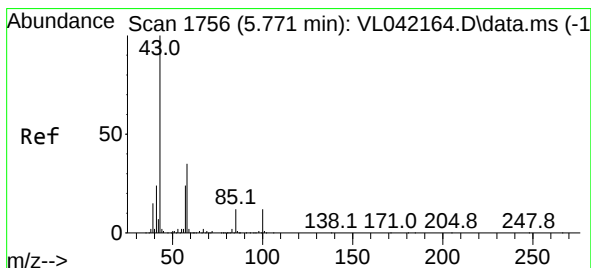
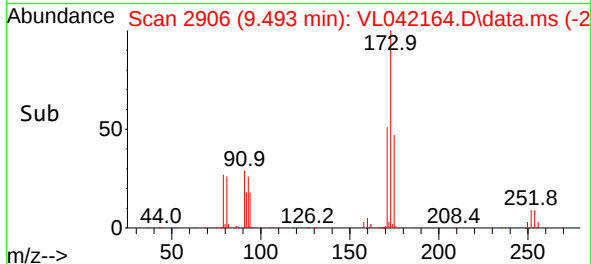
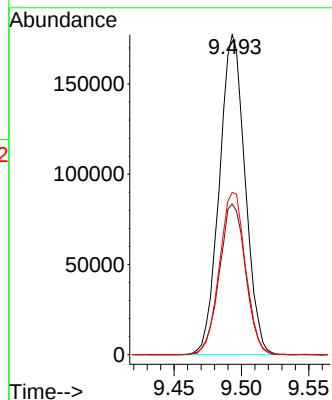
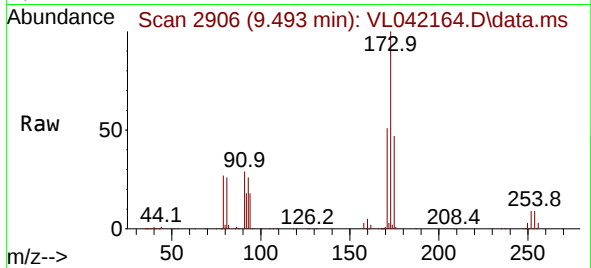
#49
Bromoform
Concen: 10.042 ppbv
RT: 9.493 min Scan# 2906
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 235420
Ion Ratio Lower Upper
173 100
175 48.1 38.5 57.7
171 51.4 41.1 61.7

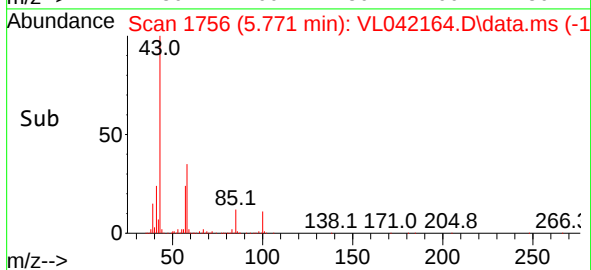
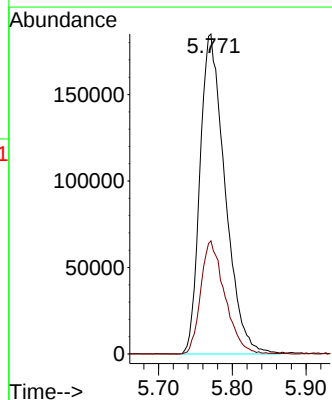
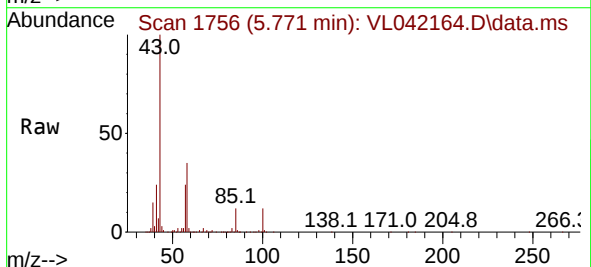
Manual Integrations
APPROVED

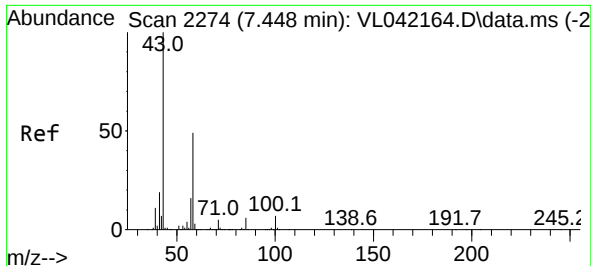
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#50
4-Methyl-2-Pentanone
Concen: 10.228 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

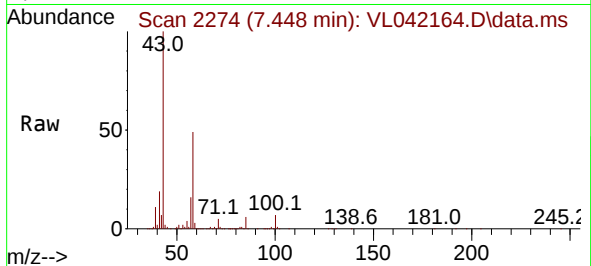
Tgt Ion: 43 Resp: 437072
Ion Ratio Lower Upper
43 100
58 34.0 27.2 40.8





#51
2-Hexanone
Concen: 11.697 ppbv
RT: 7.448 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

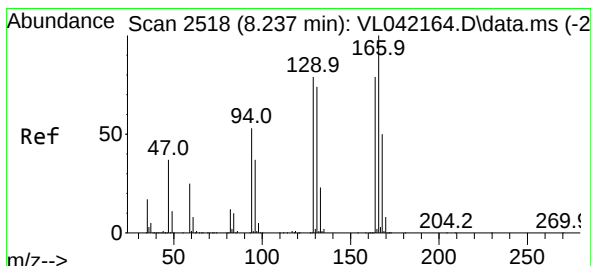
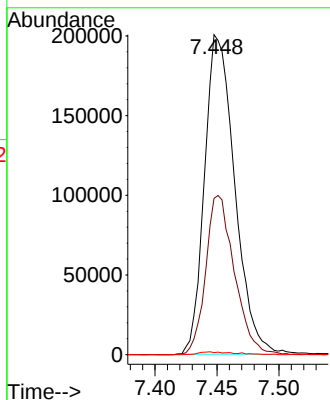
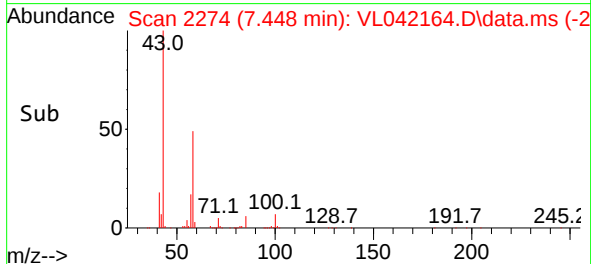
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 339692
Ion Ratio Lower Upper
43 100
58 47.5 37.9 56.9
98 1.1 0.9 1.3

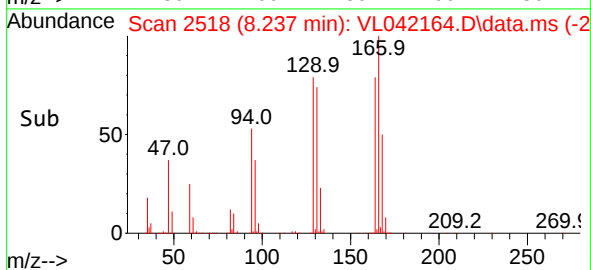
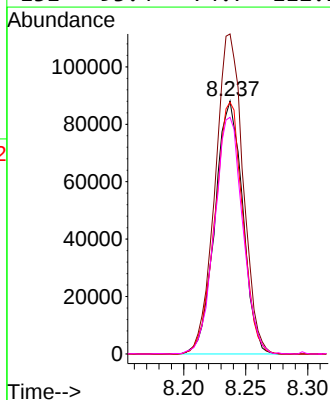
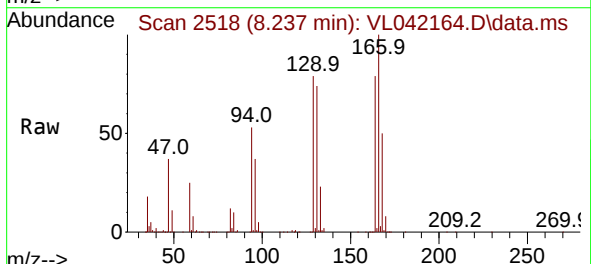
Manual Integrations
APPROVED

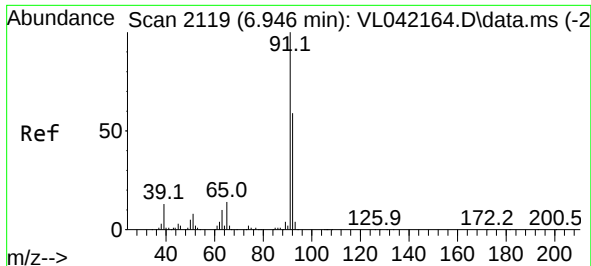
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#52
Tetrachloroethene
Concen: 9.060 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

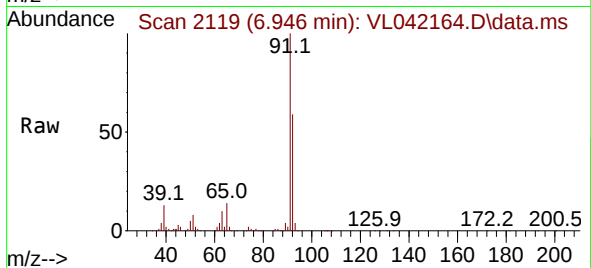
Tgt Ion:164 Resp: 136981
Ion Ratio Lower Upper
164 100
166 126.6 101.3 151.9
129 99.5 79.6 119.4
131 93.4 74.7 112.1





#53
Toluene
Concen: 8.872 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

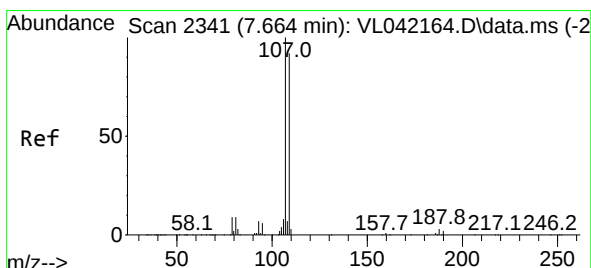
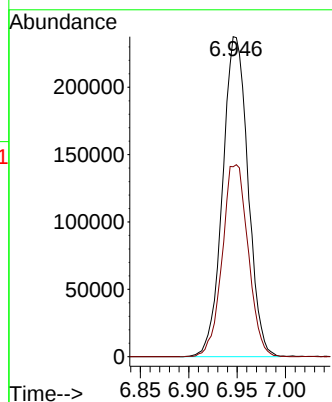
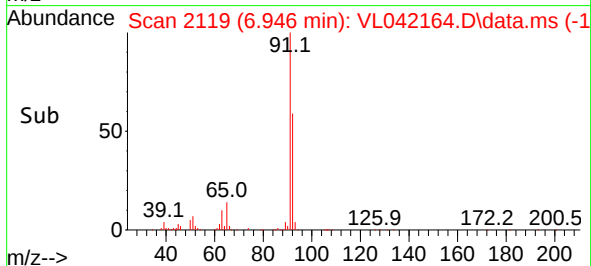
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



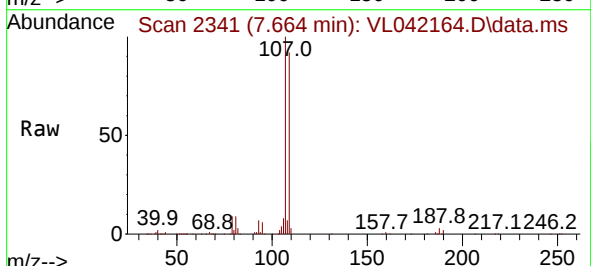
Tgt Ion: 91 Resp: 43381
Ion Ratio Lower Upper
91 100
92 61.1 49.0 73.4

Manual Integrations
APPROVED

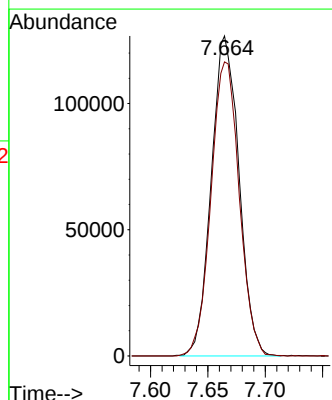
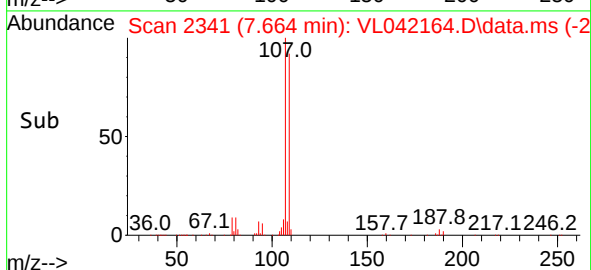
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

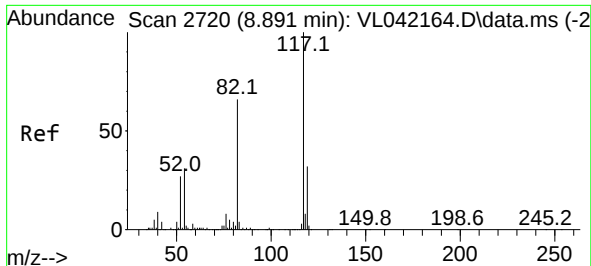


#54
1,2-Dibromoethane
Concen: 9.221 ppbv
RT: 7.664 min Scan# 2341
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56



Tgt Ion:107 Resp: 212628
Ion Ratio Lower Upper
107 100
109 91.7 73.4 110.0





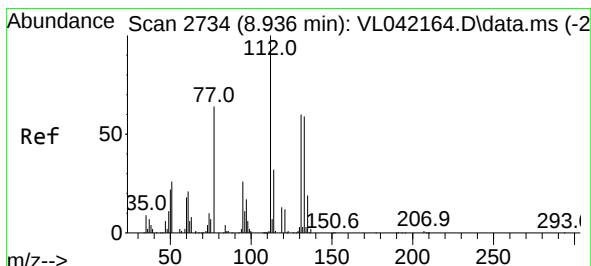
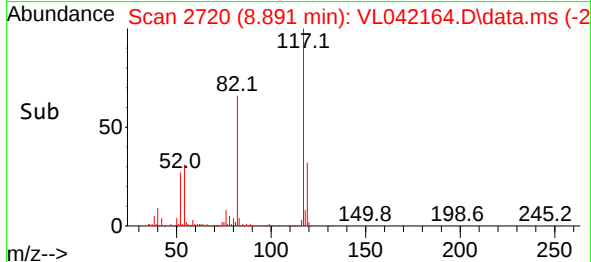
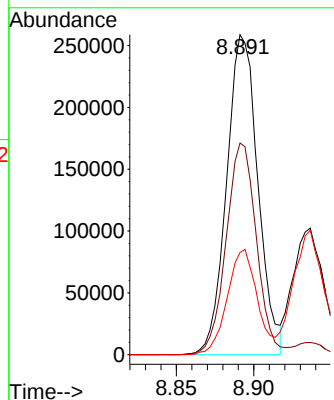
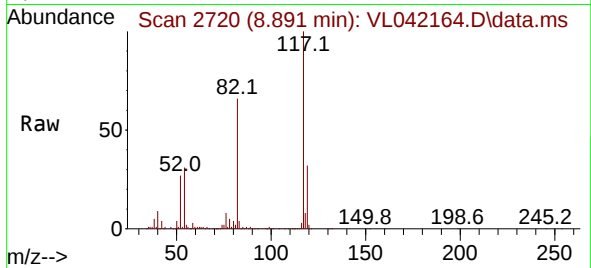
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2720
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 36443
Ion Ratio Lower Upper
117 100
82 67.8 54.2 81.4
119 32.7 25.4 38.2

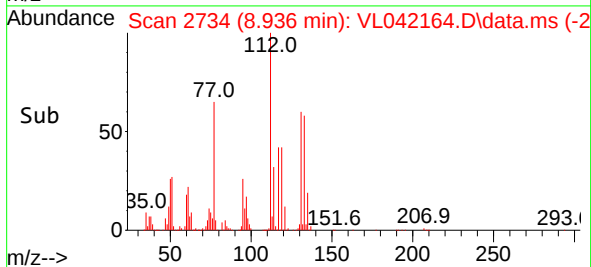
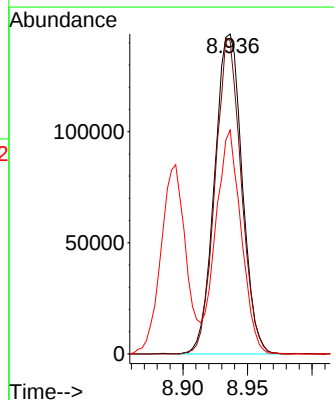
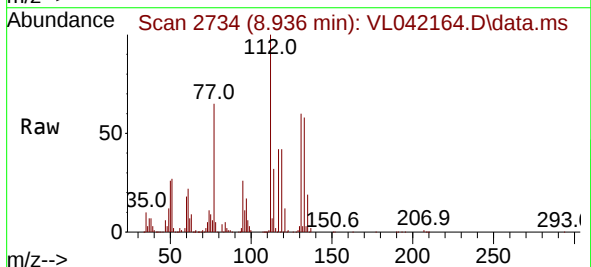
Manual Integrations
APPROVED

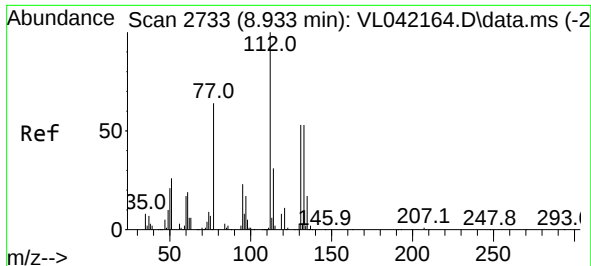
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 10.090 ppbv
RT: 8.936 min Scan# 2734
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Tgt Ion:131 Resp: 213907
Ion Ratio Lower Upper
131 100
133 93.4 74.7 112.1
119 64.4 52.5 78.7





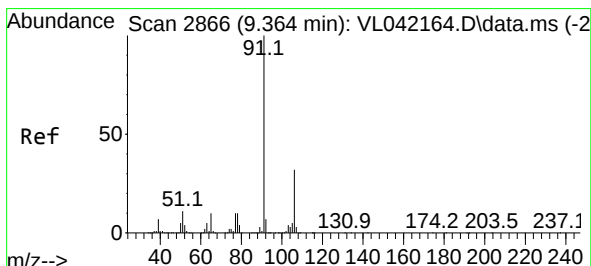
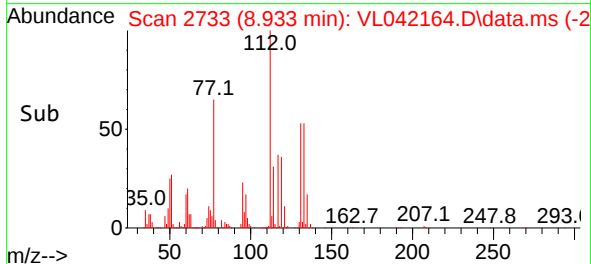
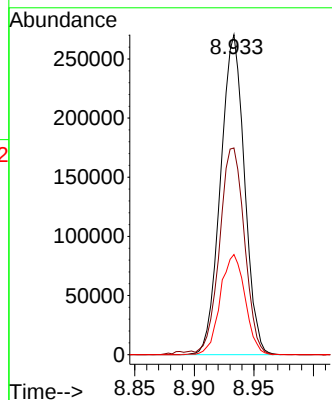
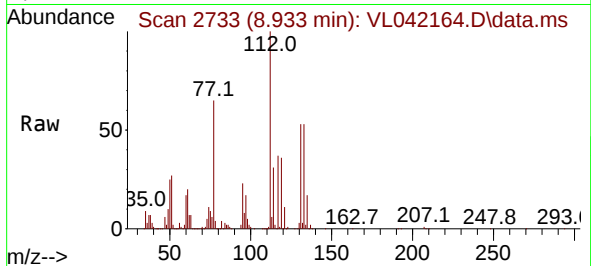
#57
Chlorobenzene
Concen: 9.752 ppbv
RT: 8.933 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 37740
Ion Ratio Lower Upper
112 100
77 64.6 51.7 77.5
114 31.3 28.2 34.4

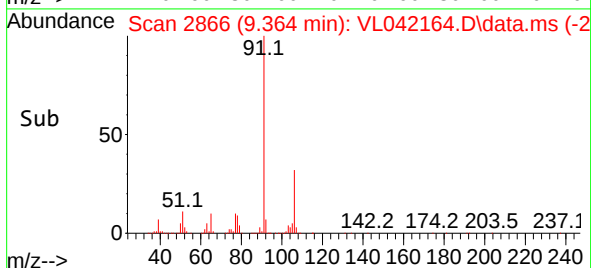
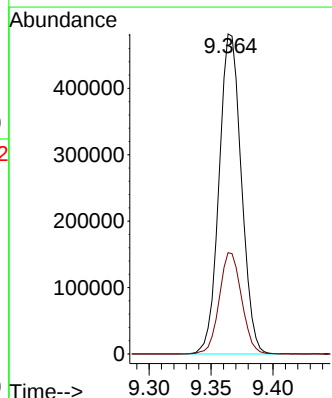
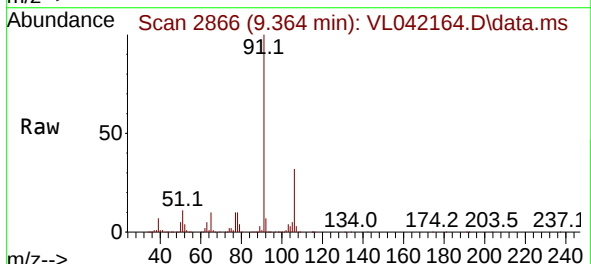
Manual Integrations
APPROVED

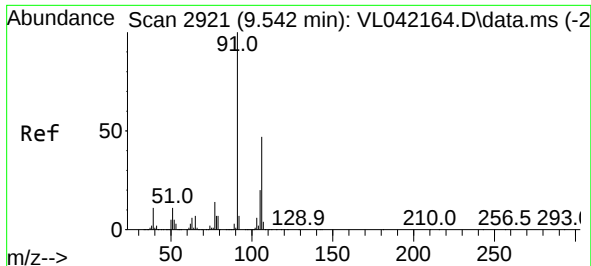
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#58
Ethyl Benzene
Concen: 9.033 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Tgt Ion: 91 Resp: 603844
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0





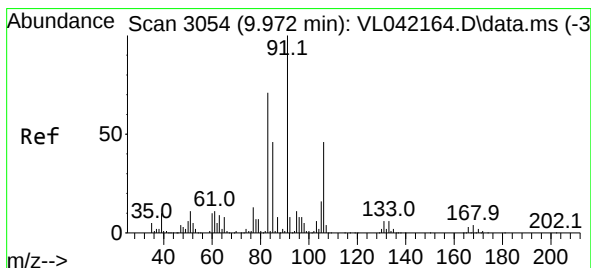
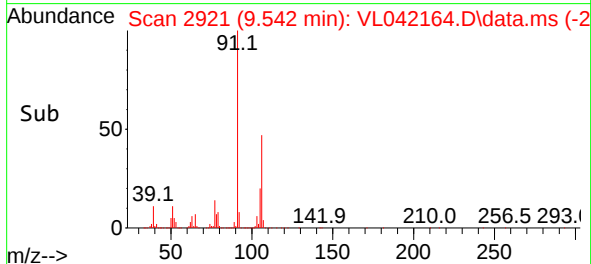
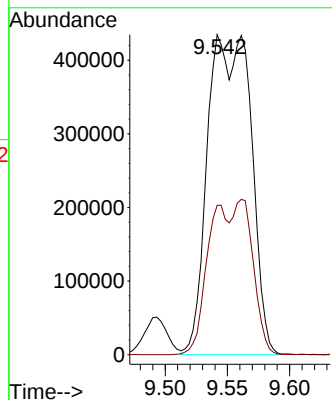
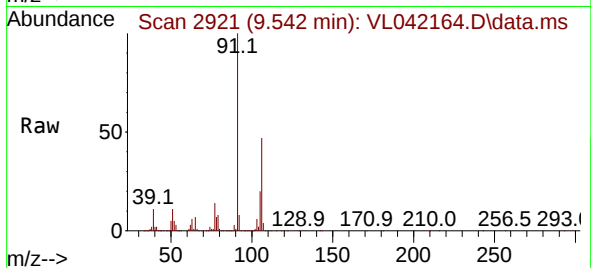
#59
m/p-Xylene
Concen: 19.444 ppbv m
RT: 9.542 min Scan# 2921
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 105535
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

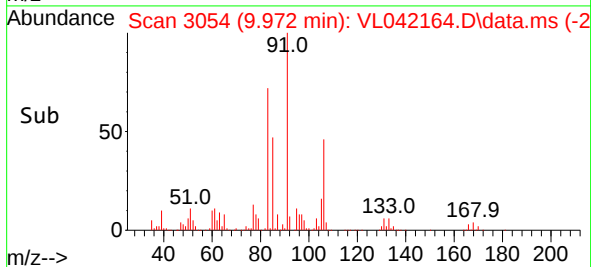
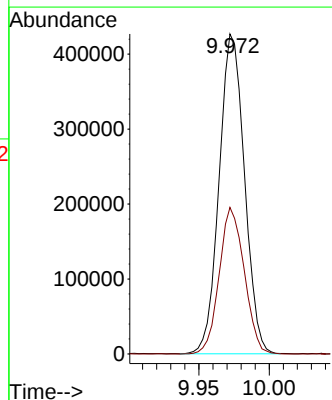
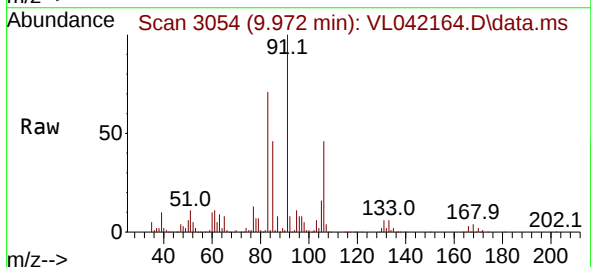
Manual Integrations
APPROVED

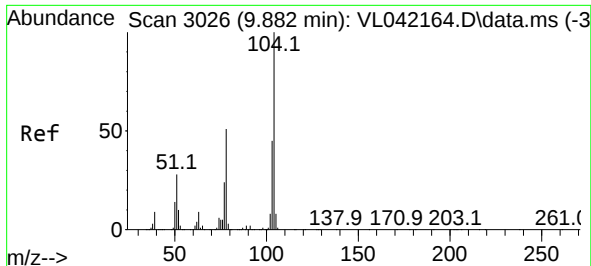
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#60
o-Xylene
Concen: 9.763 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

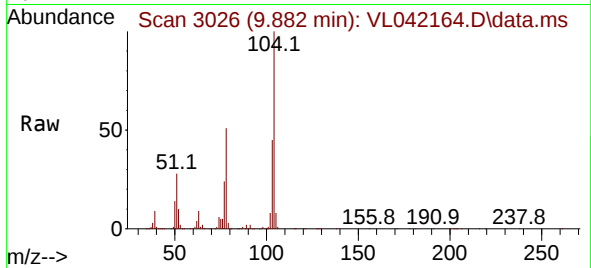
Tgt Ion: 91 Resp: 534875
Ion Ratio Lower Upper
91 100
106 45.3 22.7 68.0





#61
Styrene
Concen: 8.957 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

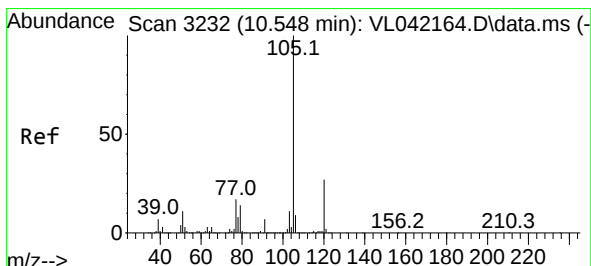
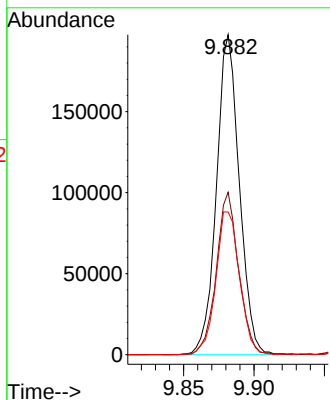
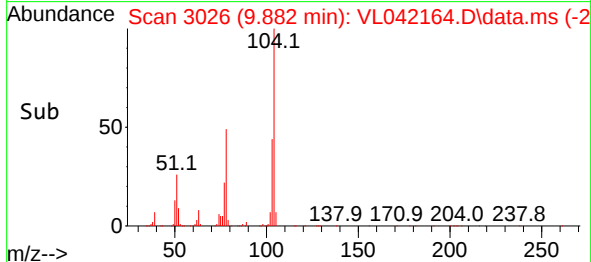
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:104 Resp: 223140
Ion Ratio Lower Upper
104 100
78 49.5 39.7 59.5
103 46.8 37.4 56.2

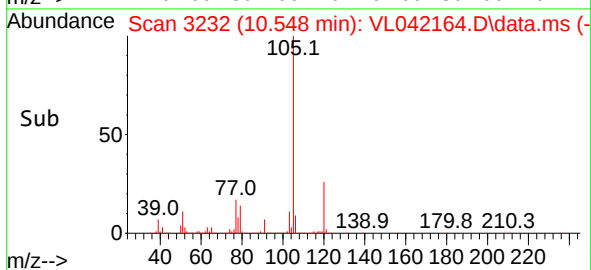
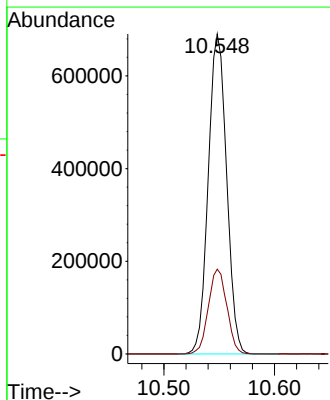
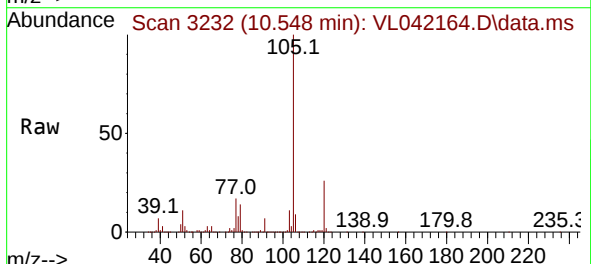
Manual Integrations
APPROVED

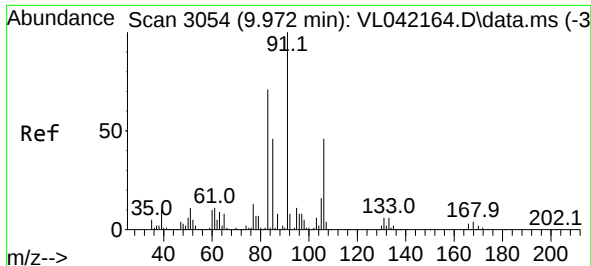
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#62
Isopropylbenzene
Concen: 9.695 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

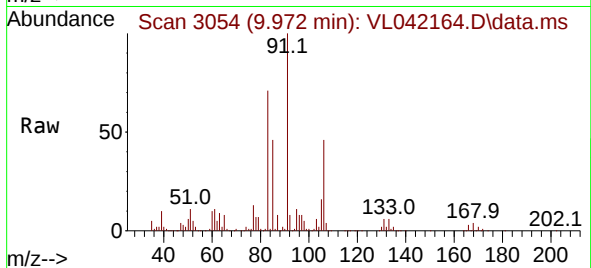
Tgt Ion:105 Resp: 794509
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0





#63
1,1,2,2-Tetrachloroethane
Concen: 10.572 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

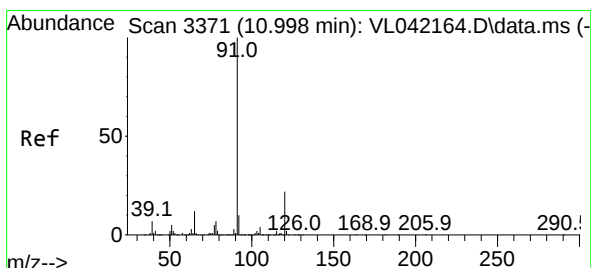
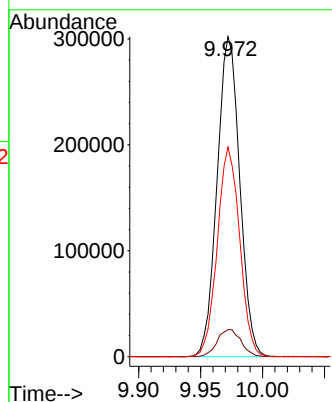
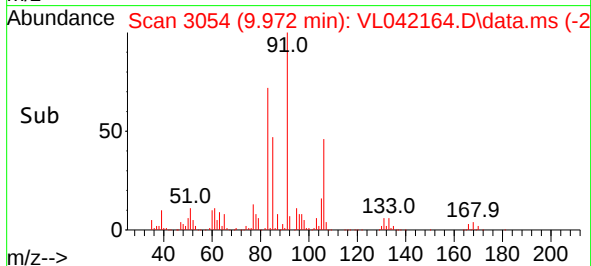
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



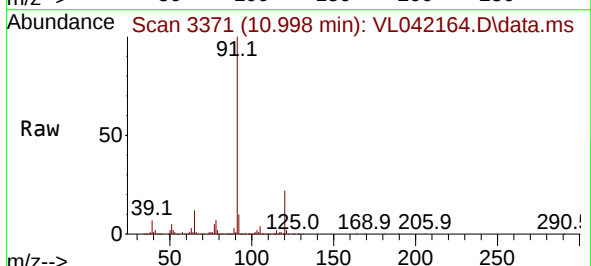
Tgt Ion: 83 Resp: 385350
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 64.6 32.3 96.9

Manual Integrations
APPROVED

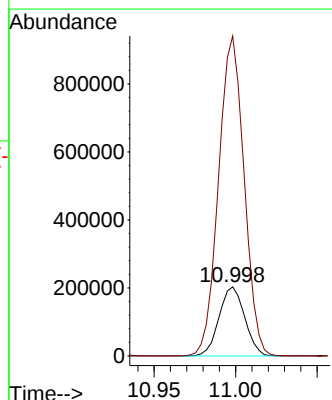
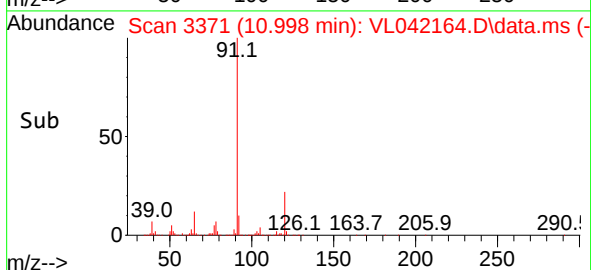
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

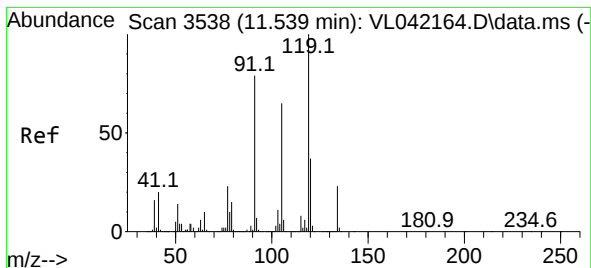


#64
n-propylbenzene
Concen: 10.211 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56



Tgt Ion:120 Resp: 221651
Ion Ratio Lower Upper
120 100
91 462.6 369.8 554.8





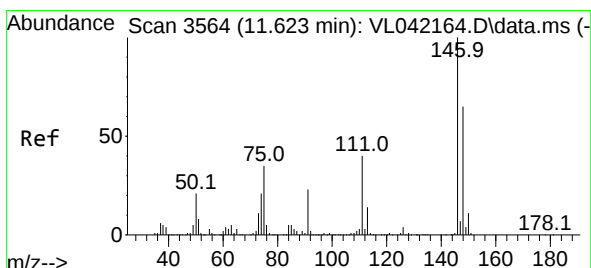
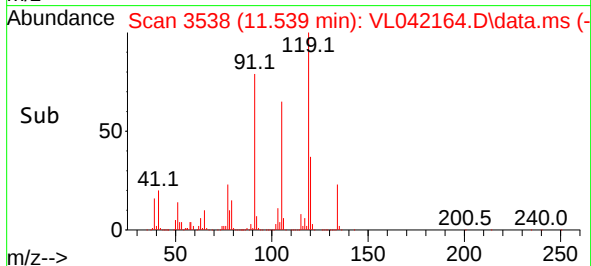
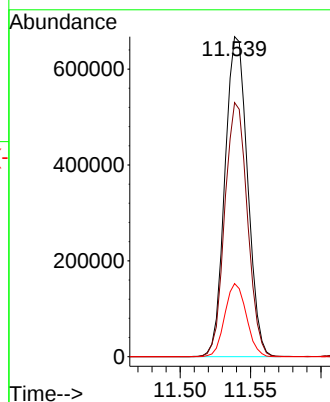
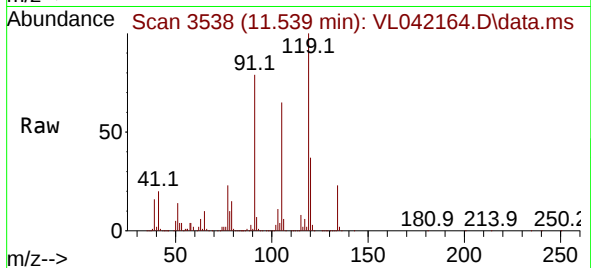
#65
tert-Butylbenzene
Concen: 9.898 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 747249
Ion Ratio Lower Upper
119 100
91 79.4 63.5 95.3
134 21.8 17.4 26.2

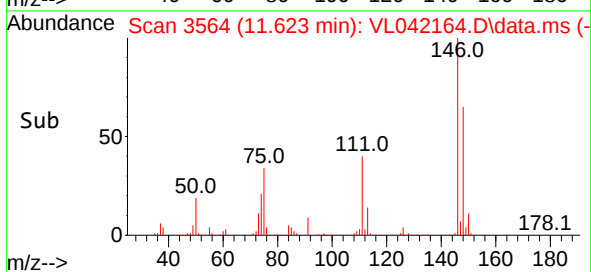
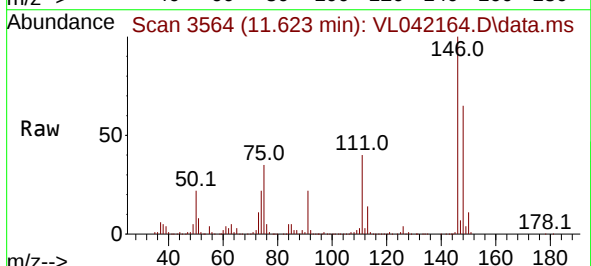
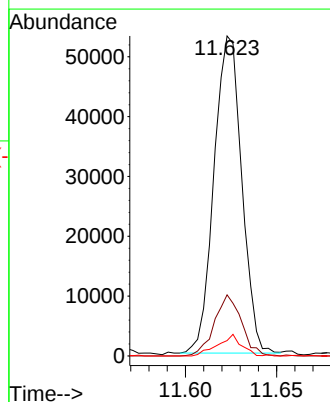
Manual Integrations
APPROVED

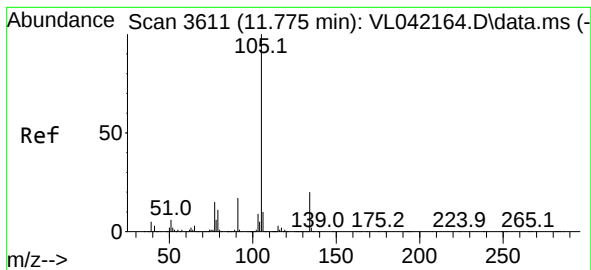
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#66
Benzyl Chloride
Concen: 10.045 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Tgt Ion: 91 Resp: 56161
Ion Ratio Lower Upper
91 100
126 18.8 15.0 22.6
128 5.8 4.6 7.0





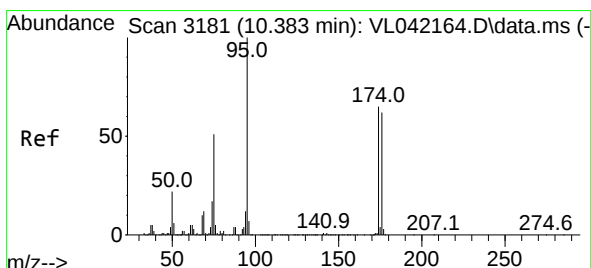
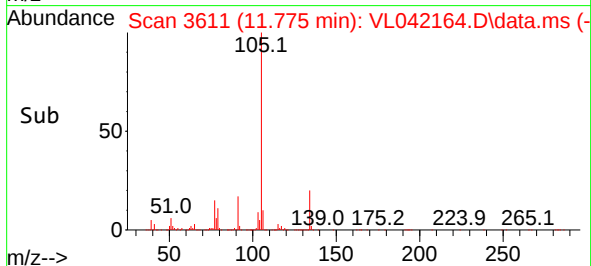
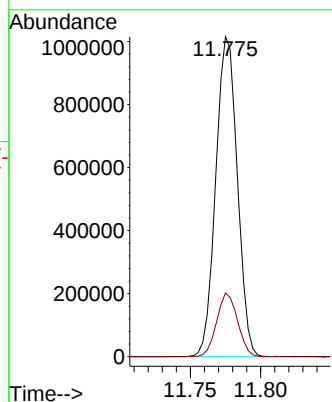
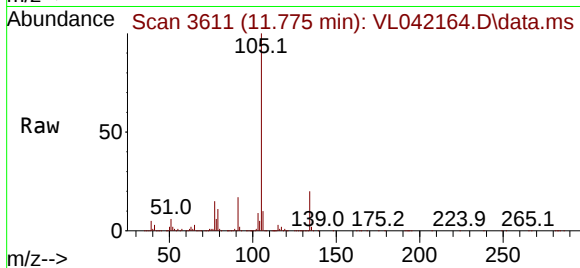
#67
 sec-Butylbenzene
 Concen: 10.001 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:105 Resp: 108226
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.4 23.2

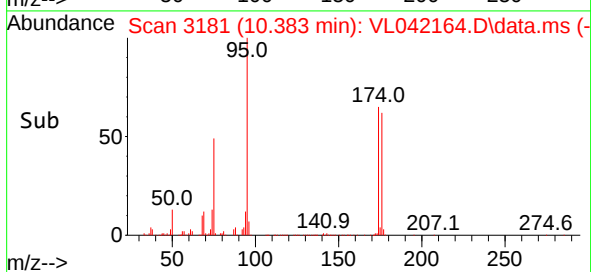
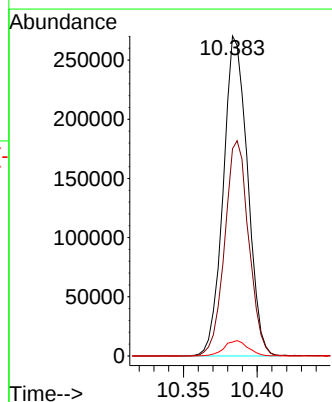
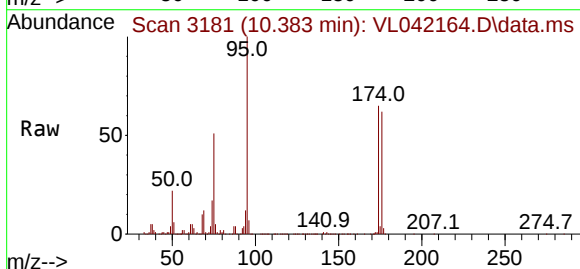
Manual Integrations
 APPROVED

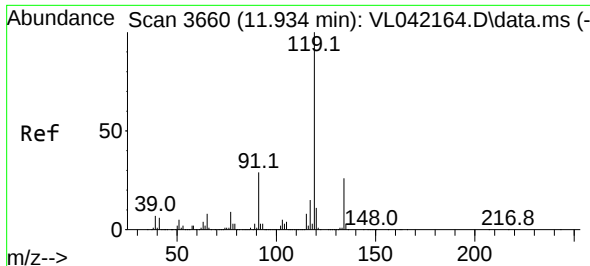
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.862 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.000 min
 Lab File: VL042164.D
 Acq: 25 Mar 2025 08:56

Tgt Ion: 95 Resp: 309342
 Ion Ratio Lower Upper
 95 100
 174 66.9 53.5 80.3
 175 4.8 3.8 5.8





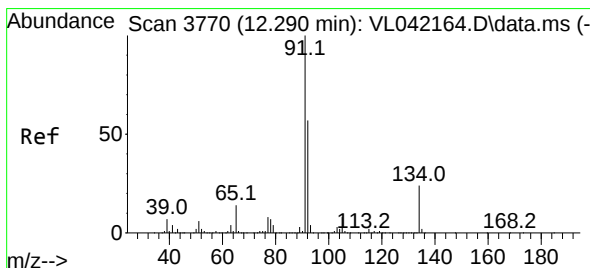
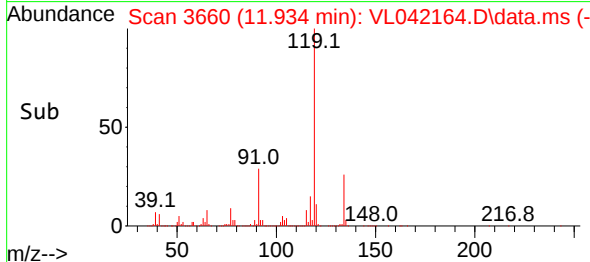
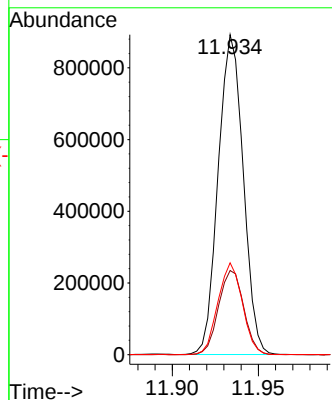
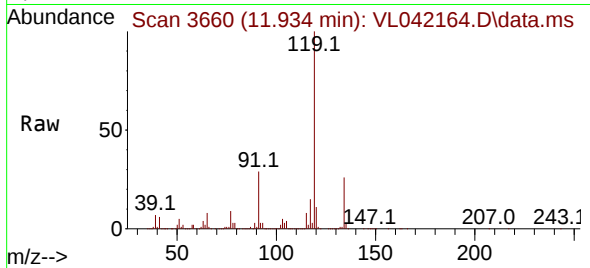
#69
p-Isopropyltoluene
Concen: 10.425 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 90284
Ion Ratio Lower Upper
119 100
134 26.6 21.3 31.9
91 28.0 22.4 33.6

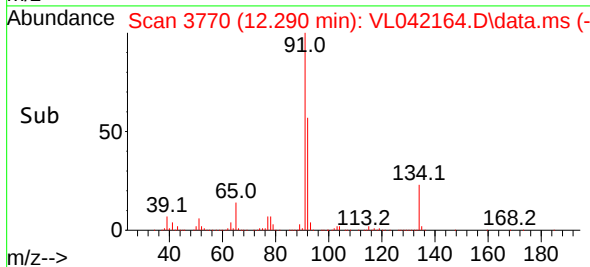
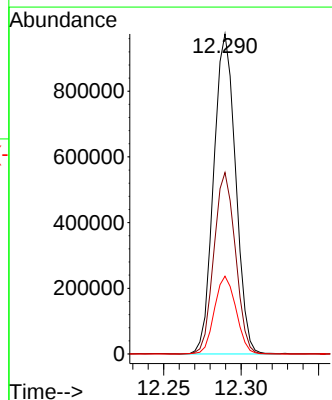
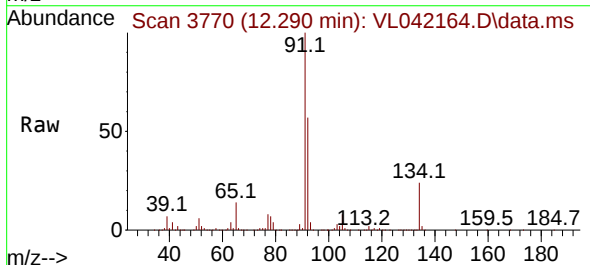
Manual Integrations
APPROVED

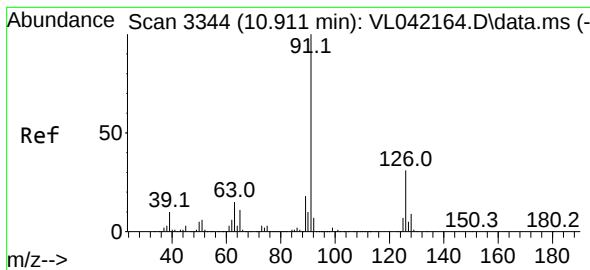
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#70
n-Butylbenzene
Concen: 10.751 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

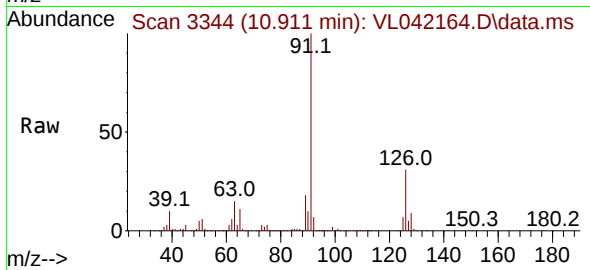
Tgt Ion: 91 Resp: 957543
Ion Ratio Lower Upper
91 100
92 55.6 44.5 66.7
134 23.9 19.1 28.7





#71
2-Chlorotoluene
Concen: 9.536 ppbv
RT: 10.911 min Scan# 3344
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

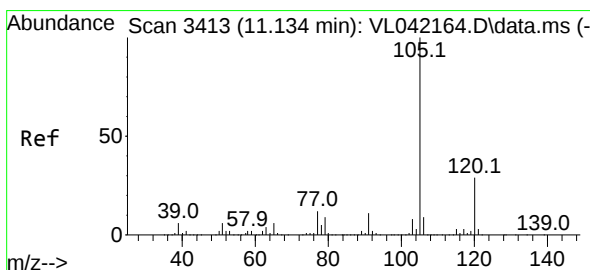
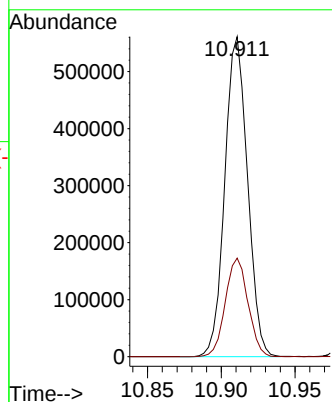
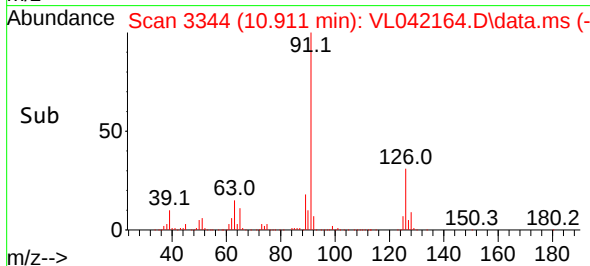
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



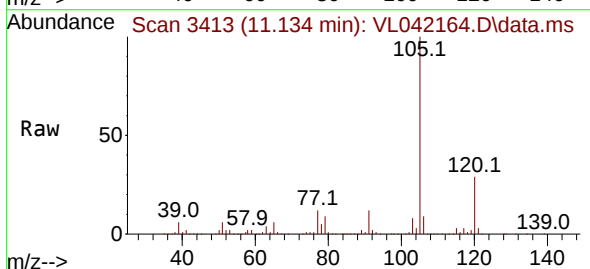
Tgt Ion: 91 Resp: 600390
Ion Ratio Lower Upper
91 100
126 30.7 12.3 49.1

Manual Integrations
APPROVED

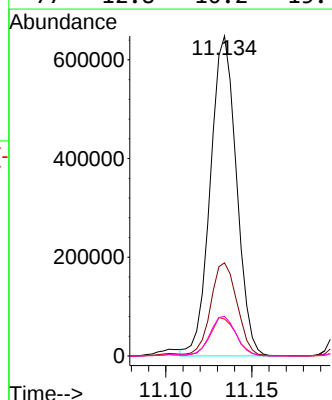
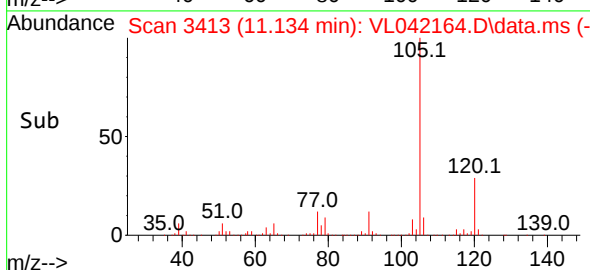
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

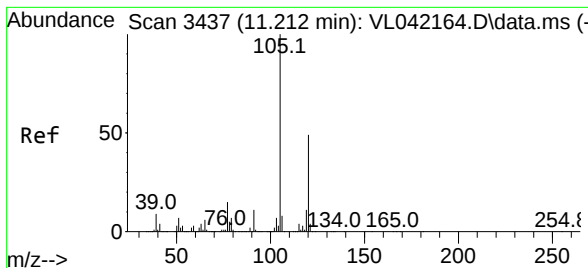


#72
4-Ethyltoluene
Concen: 10.134 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56



Tgt Ion:105 Resp: 683095
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.2
91 12.4 9.8 14.8
77 12.8 10.2 15.4





#73

1,3,5-Trimethylbenzene

Concen: 9.865 ppbv

RT: 11.212 min Scan# 3437

Delta R.T. 0.000 min

Lab File: VL042164.D

Acq: 25 Mar 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 57520

Ion Ratio Lower Upper

105 100

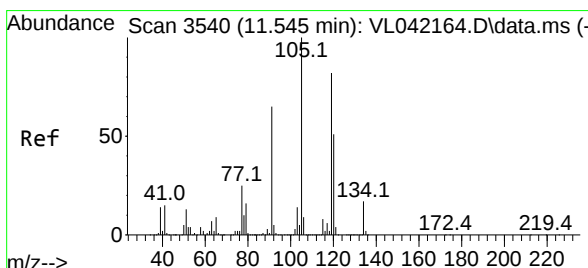
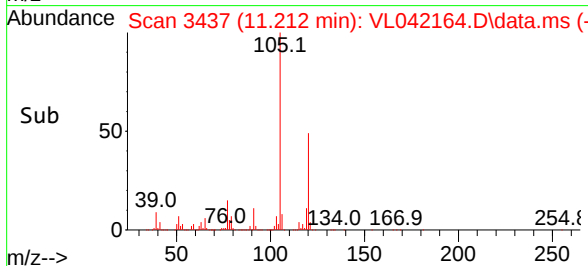
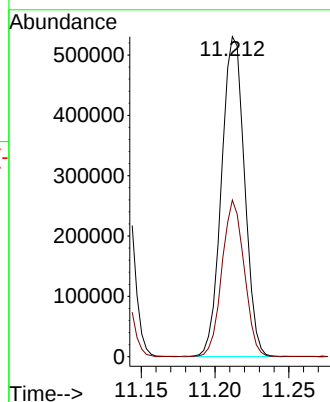
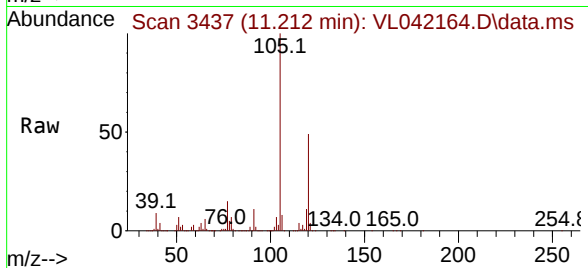
120 49.0 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.000 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.000 min

Lab File: VL042164.D

Acq: 25 Mar 2025 08:56

Tgt Ion:105 Resp: 666490

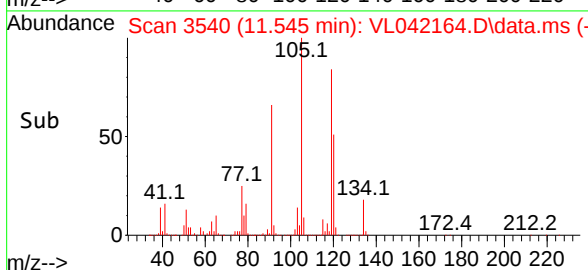
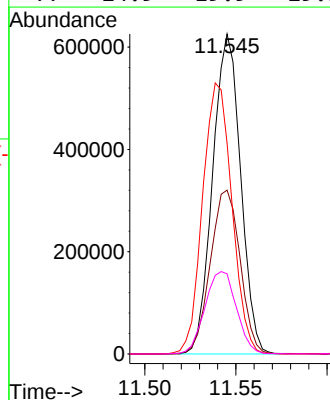
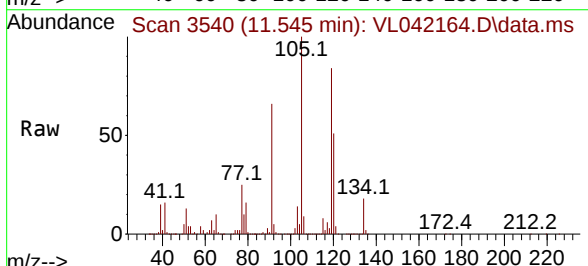
Ion Ratio Lower Upper

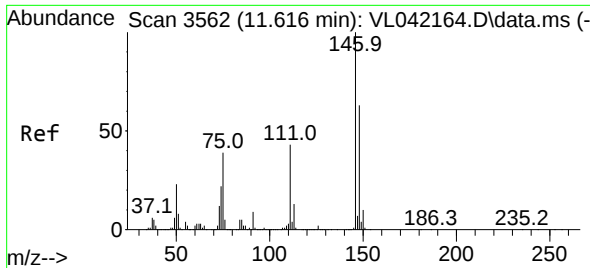
105 100

120 51.1 40.9 61.3

91 65.8 52.6 79.0

77 24.9 19.9 29.9





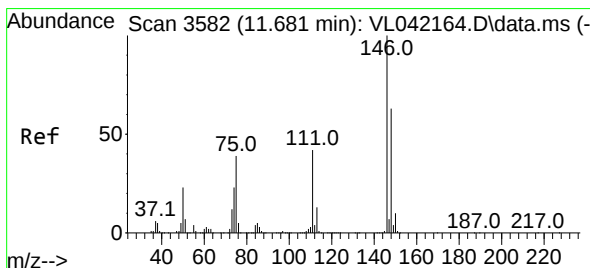
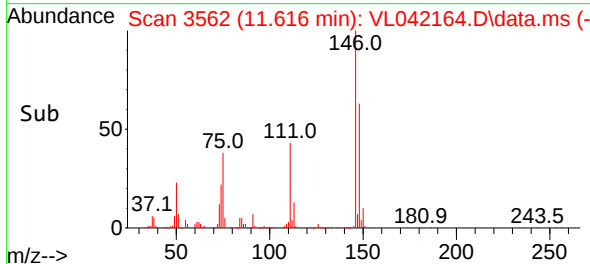
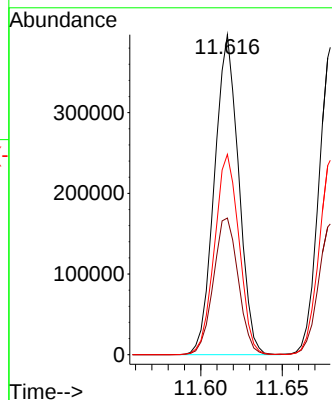
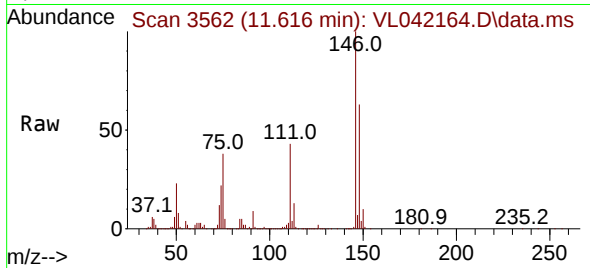
#75
1,3-Dichlorobenzene
Concen: 10.574 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 409283
Ion Ratio Lower Upper
146 100
111 43.9 21.9 65.8
148 63.4 31.7 95.1

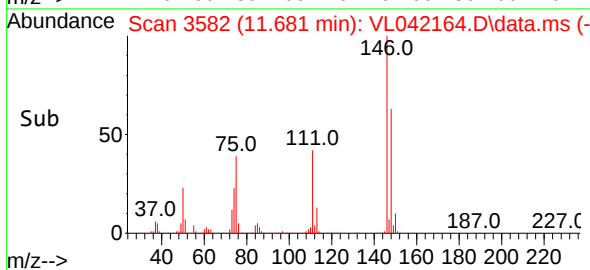
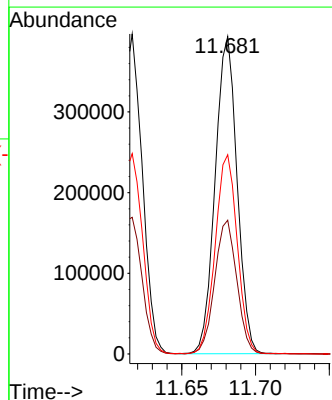
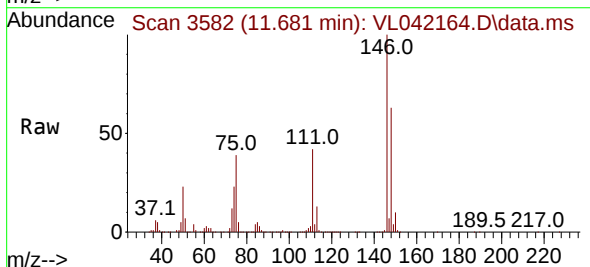
Manual Integrations
APPROVED

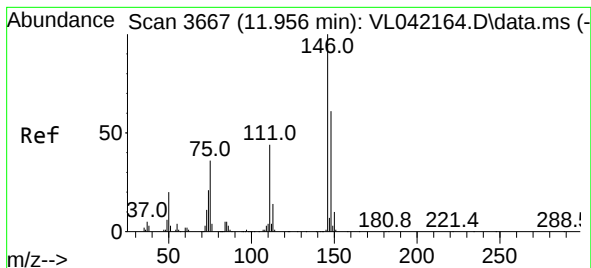
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#76
1,4-Dichlorobenzene
Concen: 10.574 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Tgt Ion:146 Resp: 406473
Ion Ratio Lower Upper
146 100
111 42.7 21.3 64.0
148 63.5 31.8 95.3





#77

1,2-Dichlorobenzene

Concen: 10.912 ppbv

RT: 11.956 min Scan# 3667

Delta R.T. 0.000 min

Lab File: VL042164.D

Acq: 25 Mar 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 41413

Ion Ratio Lower Upper

146 100

111 46.2 23.1 69.3

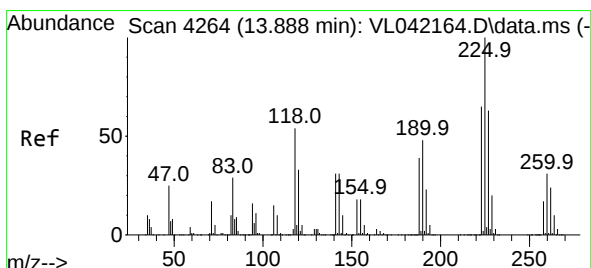
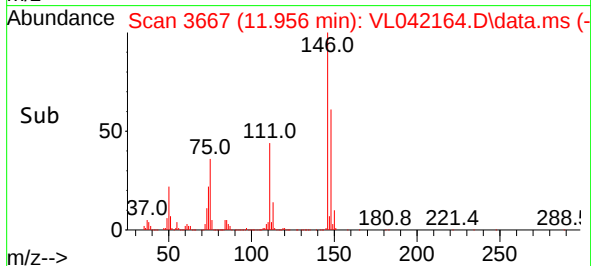
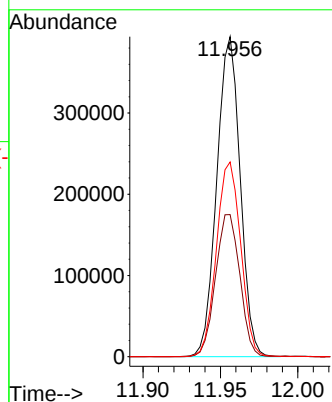
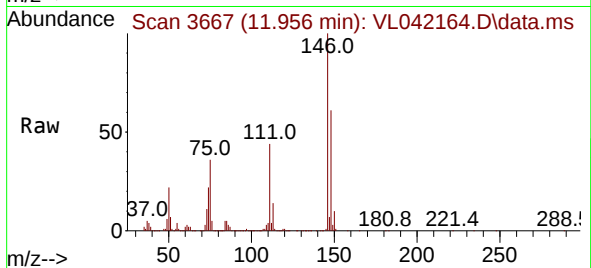
148 63.1 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#78

Hexachloro-1,3-Butadiene

Concen: 11.316 ppbv

RT: 13.888 min Scan# 4264

Delta R.T. 0.000 min

Lab File: VL042164.D

Acq: 25 Mar 2025 08:56

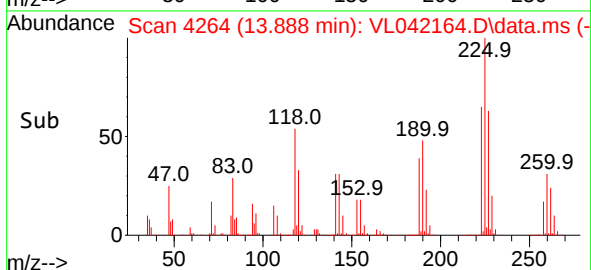
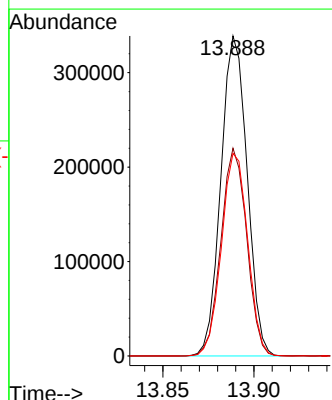
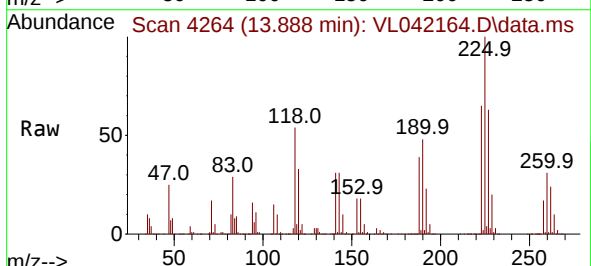
Tgt Ion:225 Resp: 339163

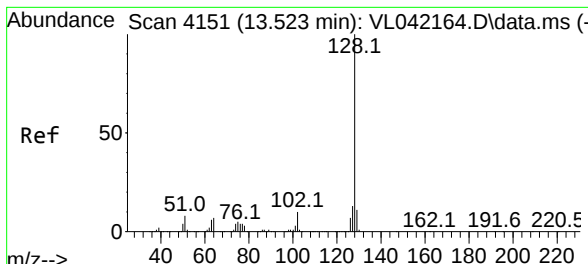
Ion Ratio Lower Upper

225 100

223 63.9 51.1 76.7

227 63.3 50.6 76.0





#79
Naphthalene
Concen: 15.551 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

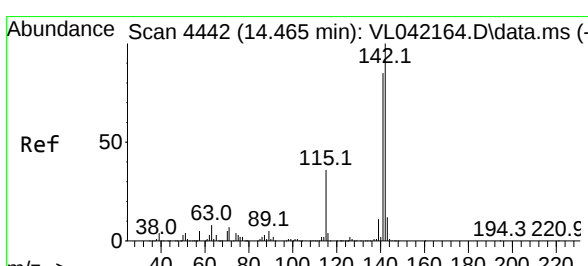
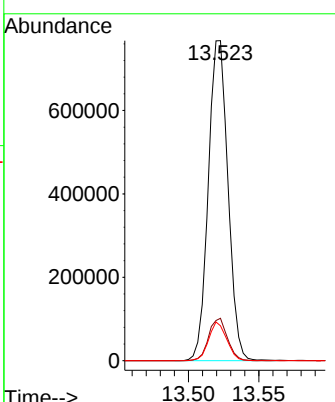
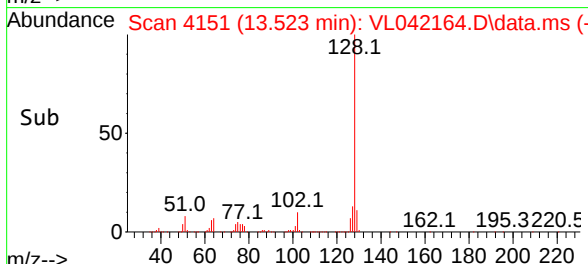
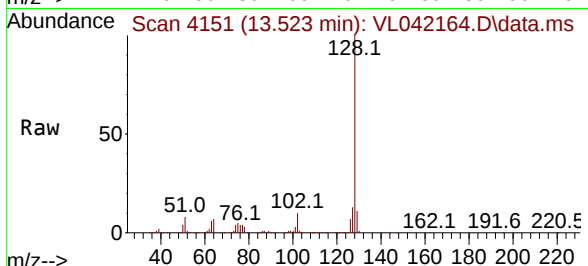
VSTDICCC010

Tgt Ion:128 Resp: 74684

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.9	8.7	13.1

Manual Integrations
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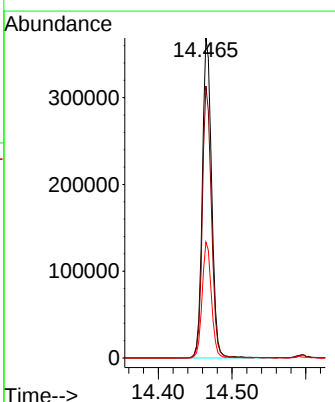
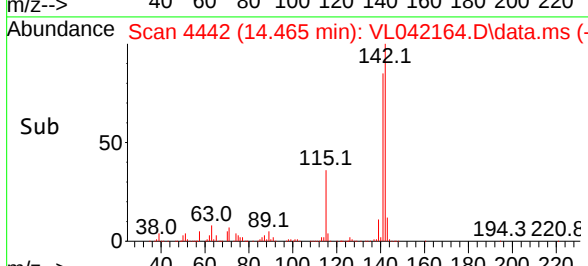
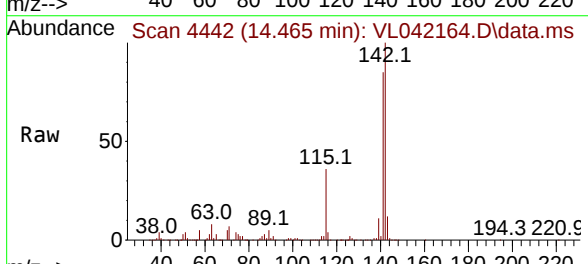
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

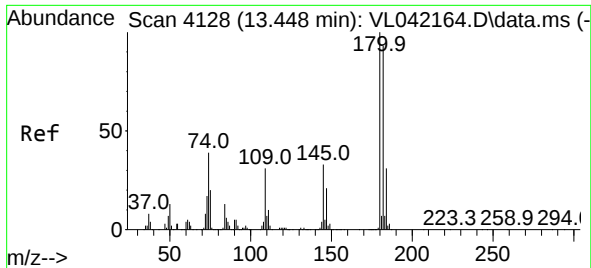


#80
Naphthalene,2-methyl-
Concen: 22.419 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.000 min
Lab File: VL042164.D
Acq: 25 Mar 2025 08:56

Tgt Ion:142 Resp: 321801

Ion	Ratio	Lower	Upper
142	100		
141	83.4	66.7	100.1
115	36.2	29.0	43.4





#81

1,2,4-Trichlorobenzene

Concen: 12.634 ppbv

RT: 13.448 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042164.D

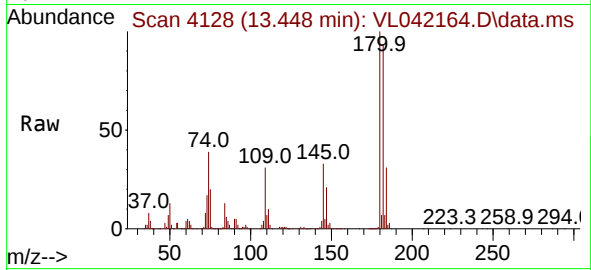
Acq: 25 Mar 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 334314

Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

184 30.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025

