

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051225\
 Data File : VL042525.D
 Acq On : 12 May 2025 08:57
 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 05/14/2025
 Supervised By : Mahesh Dadoda 05/14/2025

Quant Time: May 12 23:45:09 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M

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

QLast Update : Mon May 12 23:42:45 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.777	49	115823	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	341715	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.869	117	299786	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.364 95 261594 10.029 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.492	85	169160	8.994	ppbv	100
3) Chlorodifluoromethane	1.470	51	178822	9.329	ppbv	100
4) Chloromethane	1.528	50	67750	8.826	ppbv	100
5) Vinyl Chloride	1.573	62	64115	8.163	ppbv	100
6) Bromomethane	1.661	94	33766	9.053	ppbv	100
7) Chloroethane	1.700	64	25777	8.338	ppbv	100
8) Dichlorotetrafluoroethane	1.548	85	142870	8.828	ppbv	100
9) Propene	1.476	41	10300	2.474	ppbv #	1
10) Heptane	4.959	43	171443	10.802	ppbv	100
11) Trichlorofluoromethane	1.871	101	161561	8.930	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.130	101	127743	8.791	ppbv	100
13) Ethanol	1.716	45	7854	6.912	ppbv	100
14) Bromoethene	1.774	108	47318	8.932	ppbv	100
15) Acetone	1.829	43	140078	7.569	ppbv	100
16) 1,3-Butadiene	1.603	39	74449	8.946	ppbv	100
17) tert-Butyl alcohol	2.033	59	159013	9.298	ppbv	100
18) 1,1-Dichloroethene	2.027	96	57005	8.952	ppbv	100
19) Isopropyl Alcohol	1.881	45	90090	8.961	ppbv #	1
20) Methylene Chloride	2.052	84	49582	7.693	ppbv	100
21) Allyl Chloride	2.088	41	114157	9.316	ppbv	100
22) trans-1,2-Dichloroethene	2.331	96	65183	8.750	ppbv	100
23) Vinyl Acetate	2.454	43	186900	9.646	ppbv	100
24) 1,1-Dichloroethane	2.399	63	131534	9.126	ppbv	100
25) Ethyl Acetate	2.826	43	330659	10.175	ppbv	100
26) Hexane	2.816	57	140065	10.498	ppbv	100
27) Carbon Disulfide	2.143	76	163053	9.467	ppbv	99
28) Methyl tert-Butyl Ether	2.431	73	69971	9.440	ppbv	100
29) Chloroform	2.839	83	246790	8.919	ppbv	100
30) Cyclohexane	3.842	84	118162	10.787	ppbv	100
31) cis-1,2-Dichloroethene	2.709	61	147467	9.788	ppbv	100
32) 1,1,1-Trichloroethane	3.357	97	260477	9.331	ppbv	100
34) 2-Butanone	2.548	43	204394	9.075	ppbv	100
35) Carbon Tetrachloride	3.748	117	275147	8.956	ppbv	100
36) Benzene	3.642	78	288357	9.522	ppbv	100
37) 1,2-Dichloroethane	3.208	62	194477	9.003	ppbv	100
38) Trichloroethene	4.528	130	123174	9.520	ppbv	100
39) 1,2-Dichloropropane	4.299	63	105313	9.342	ppbv	100
40) 1,4-Dioxane	4.564	88	46049	10.246	ppbv #	96
41) Tetrahydrofuran	3.046	42	105158	10.824	ppbv	100
42) Bromodichloromethane	4.473	83	267225	9.286	ppbv	100
43) Methyl Methacrylate	4.862	69	110028	10.879	ppbv	100
44) 2,2,4-Trimethylpentane	4.622	57	486999	10.240	ppbv	100
45) t-1,3-Dichloropropene	6.393	75	137698	10.664	ppbv	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M

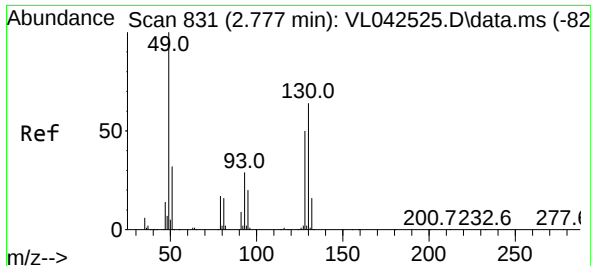
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon May 12 23:42:45 2025

Response via : Initial Calibration

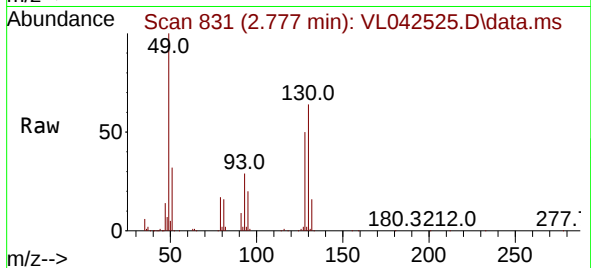
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.580	75	166227	10.673	ppbv	100
47) 1,1,2-Trichloroethane	6.561	97	119791	9.025	ppbv	100
48) Dibromochloromethane	7.373	129	211079	9.517	ppbv	100
49) Bromoform	9.474	173	178401	9.802	ppbv	100
50) 4-Methyl-2-Pentanone	5.736	43	282238m	10.684	ppbv	
51) 2-Hexanone	7.419	43	226227	11.522	ppbv	100
52) Tetrachloroethene	8.212	164	107438	9.209	ppbv	100
53) Toluene	6.914	91	325568	10.955	ppbv	100
54) 1,2-Dibromoethane	7.636	107	182336	9.400	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.914	131	165589	8.909	ppbv	99
57) Chlorobenzene	8.911	112	273225	9.077	ppbv	100
58) Ethyl Benzene	9.345	91	468520	11.466	ppbv	100
59) m/p-Xylene	9.539	91	804567m	22.134	ppbv	
60) o-Xylene	9.953	91	399046	11.266	ppbv	100
61) Styrene	9.859	104	152478	11.686	ppbv	100
62) Isopropylbenzene	10.529	105	579443	10.856	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.953	83	246197	8.666	ppbv	100
64) n-propylbenzene	10.979	120	151897	11.231	ppbv	100
65) tert-Butylbenzene	11.523	119	533457	10.884	ppbv	100
66) Benzyl Chloride	11.607	91	66999	10.331	ppbv	100
67) sec-Butylbenzene	11.759	105	743905	10.586	ppbv	100
69) p-Isopropyltoluene	11.918	119	644903	11.163	ppbv	100
70) n-Butylbenzene	12.274	91	640472	11.219	ppbv	100
71) 2-Chlorotoluene	10.892	91	446467	11.047	ppbv	100
72) 4-Ethyltoluene	11.118	105	496120	11.285	ppbv	100
73) 1,3,5-Trimethylbenzene	11.196	105	424133	11.076	ppbv	100
74) 1,2,4-Trimethylbenzene	11.529	105	485862	10.313	ppbv	100
75) 1,3-Dichlorobenzene	11.601	146	285664	9.681	ppbv	100
76) 1,4-Dichlorobenzene	11.662	146	278935	9.936	ppbv	100
77) 1,2-Dichlorobenzene	11.940	146	273570	8.976	ppbv	100
78) Hexachloro-1,3-Butadiene	13.876	225	219741	8.408	ppbv	100
79) Naphthalene	13.507	128	411831	12.661	ppbv	100
80) Naphthalene,2-methyl-	14.452	142	232576	12.289	ppbv	100
81) 1,2,4-Trichlorobenzene	13.432	180	217565	10.955	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 831
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

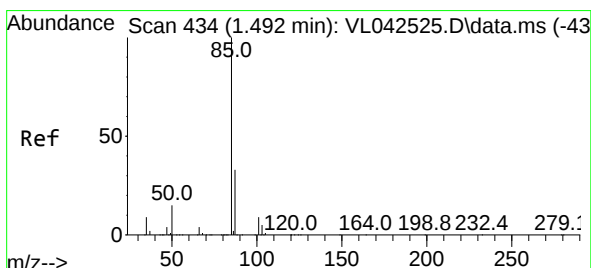
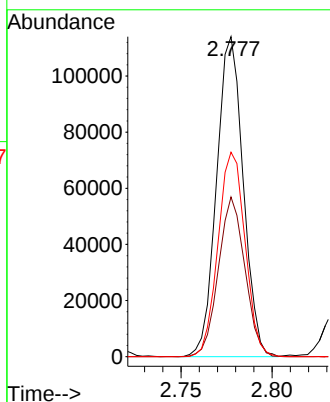
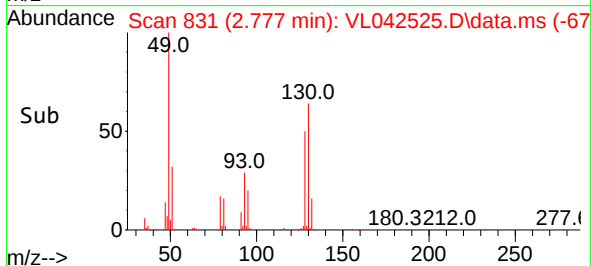
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 49 Resp: 115823
Ion Ratio Lower Upper
49 100
128 49.7 24.9 74.6
130 65.0 32.5 97.5

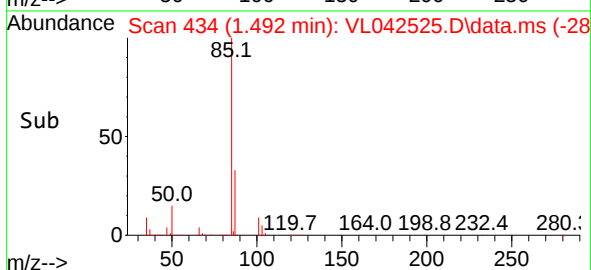
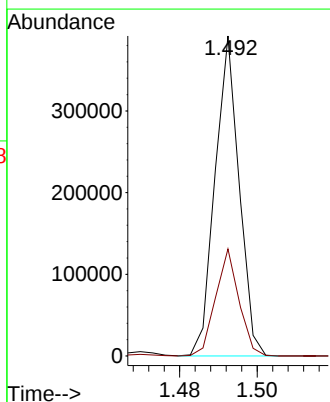
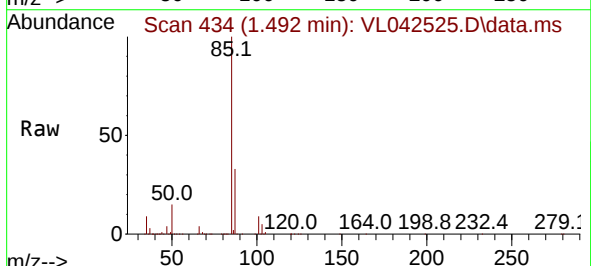
Manual Integrations
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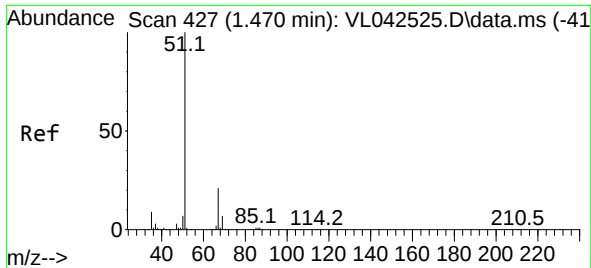
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#2
Dichlorodifluoromethane
Concen: 8.994 ppbv
RT: 1.492 min Scan# 434
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

Tgt Ion: 85 Resp: 169160
Ion Ratio Lower Upper
85 100
87 33.5 26.8 40.2





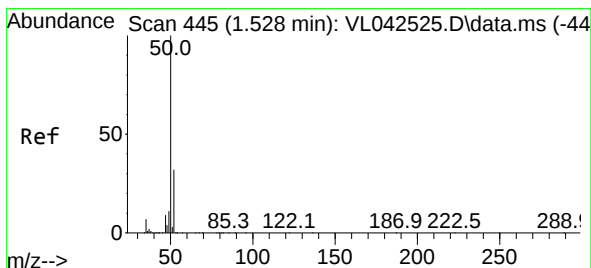
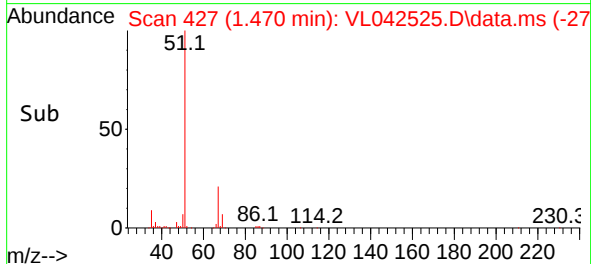
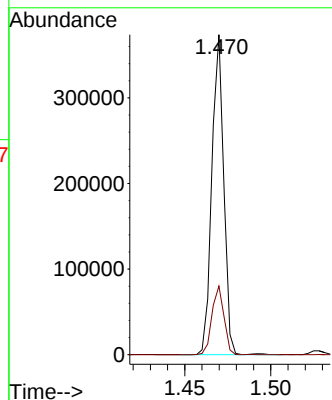
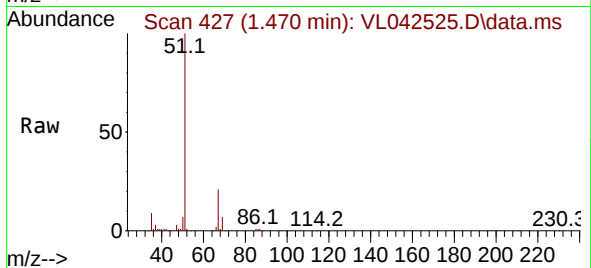
#3
Chlorodifluoromethane
Concen: 9.329 ppbv
RT: 1.470 min Scan# 427
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 17882
Ion Ratio Lower Upper
51 100
67 21.7 17.4 26.0

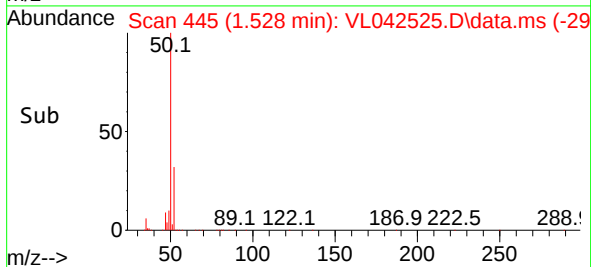
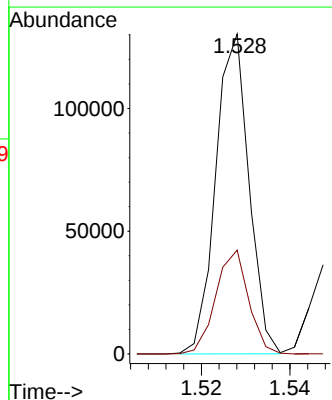
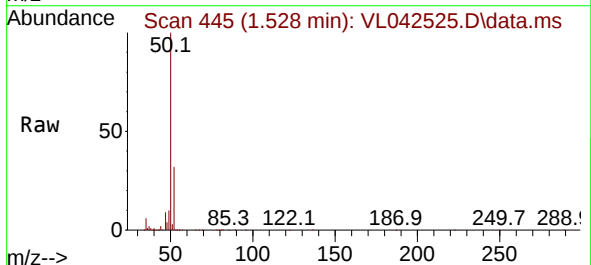
Manual Integrations
APPROVED

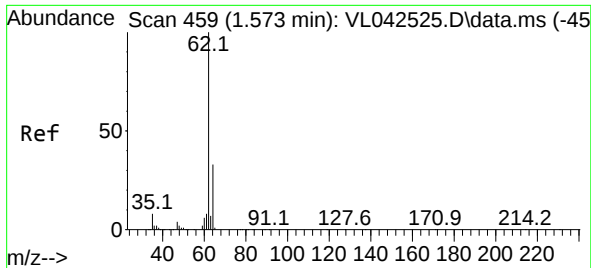
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#4
Chloromethane
Concen: 8.826 ppbv
RT: 1.528 min Scan# 445
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

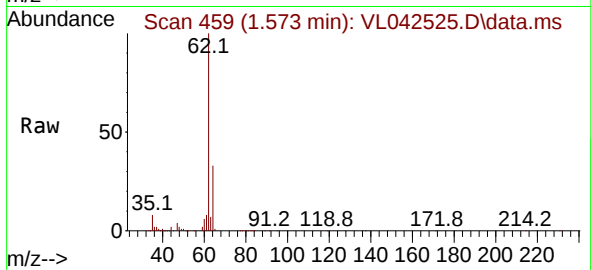
Tgt Ion: 50 Resp: 67750
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9





#5
 Vinyl Chloride
 Concen: 8.163 ppbv
 RT: 1.573 min Scan# 459
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

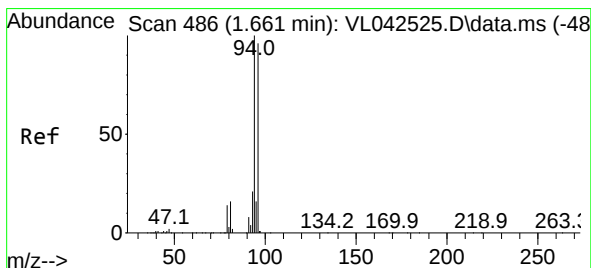
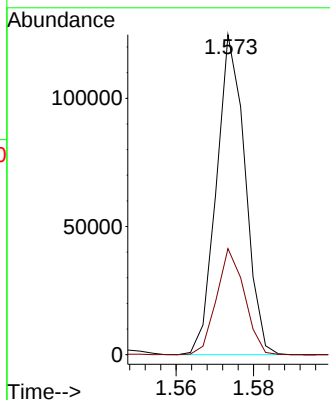
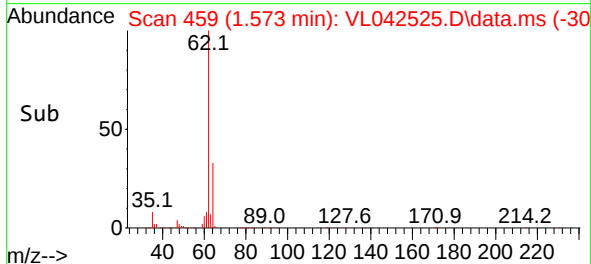
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



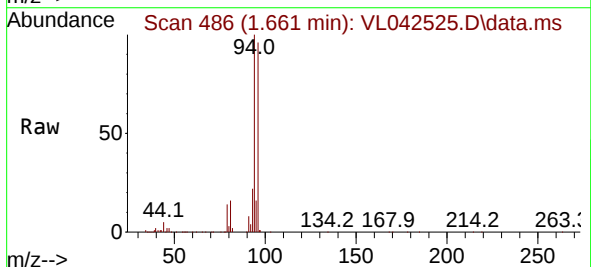
Tgt Ion: 62 Resp: 64115
 Ion Ratio Lower Upper
 62 100
 64 33.1 26.5 39.7

Manual Integrations
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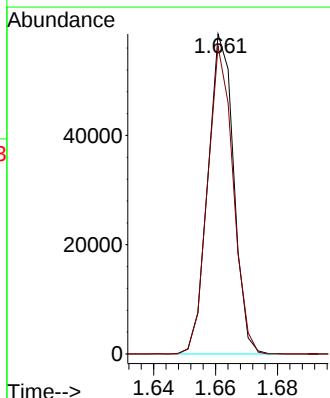
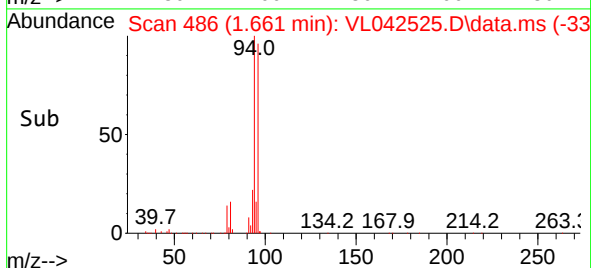
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

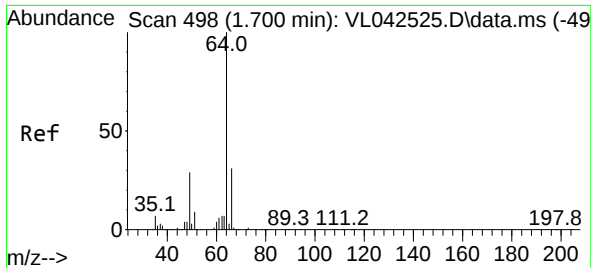


#6
 Bromomethane
 Concen: 9.053 ppbv
 RT: 1.661 min Scan# 486
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57



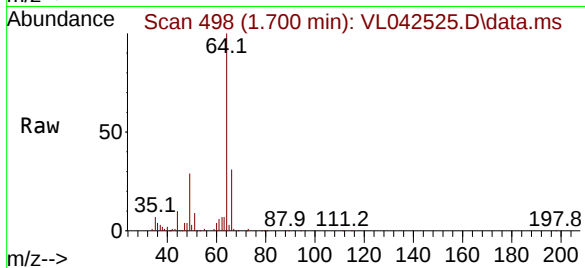
Tgt Ion: 94 Resp: 33766
 Ion Ratio Lower Upper
 94 100
 96 96.1 76.9 115.3





#7
Chloroethane
Concen: 8.338 ppbv
RT: 1.700 min Scan# 498
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

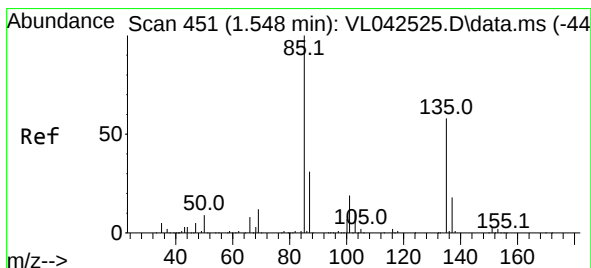
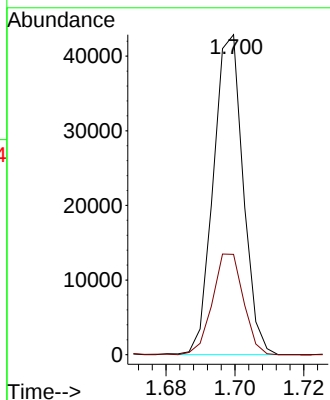
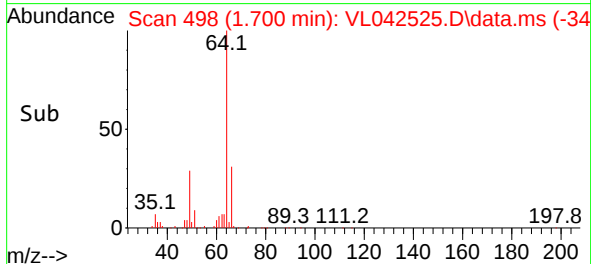
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



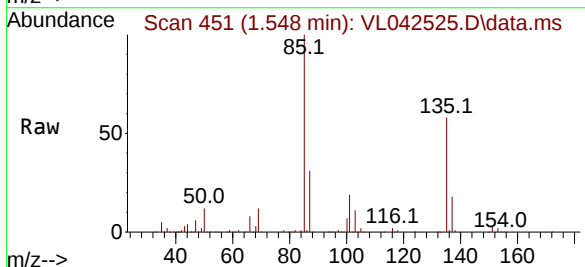
Tgt Ion: 64 Resp: 2577
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7

Manual Integrations
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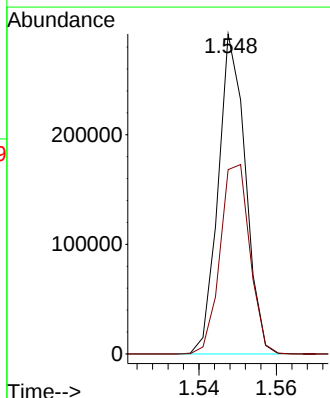
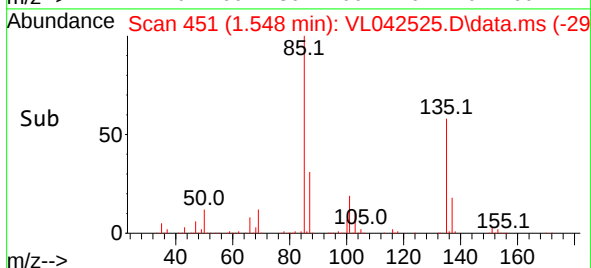
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

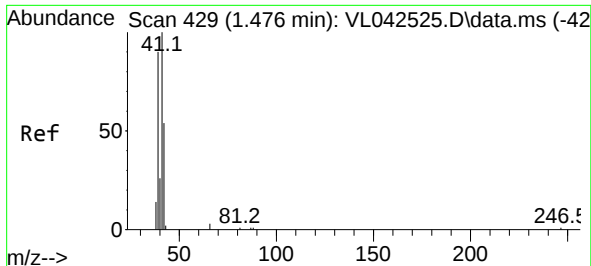


#8
Dichlorotetrafluoroethane
Concen: 8.828 ppbv
RT: 1.548 min Scan# 451
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



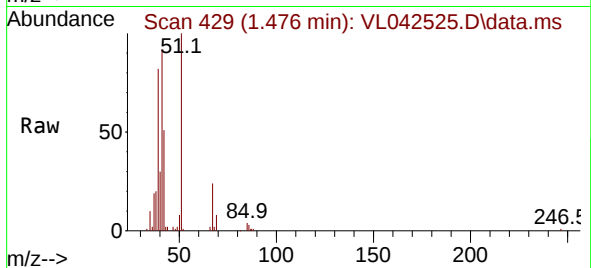
Tgt Ion: 85 Resp: 142870
Ion Ratio Lower Upper
85 100
135 64.8 51.8 77.8





#9
 Propene
 Concen: 2.474 ppbv
 RT: 1.476 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

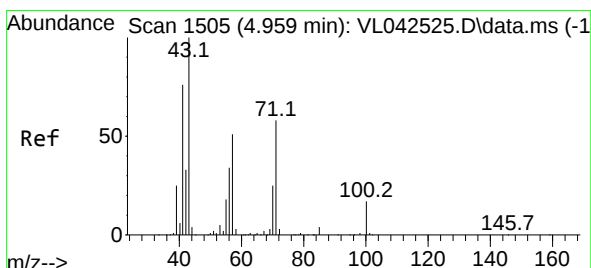
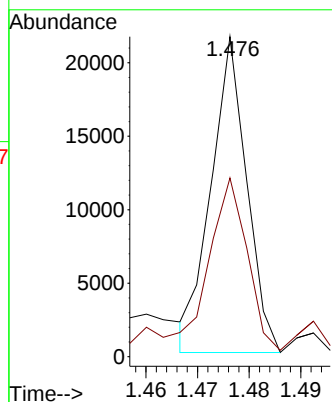
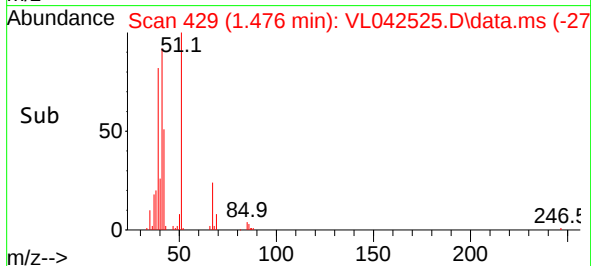
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 10300
 Ion Ratio Lower Upper
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 42 81.7 4.1 6.1

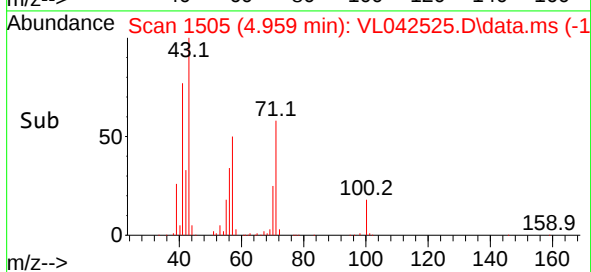
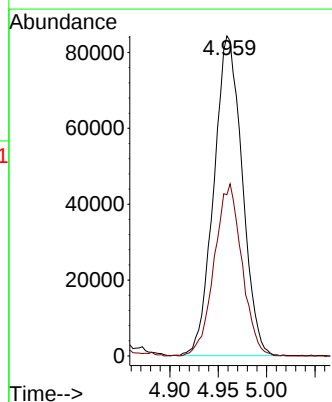
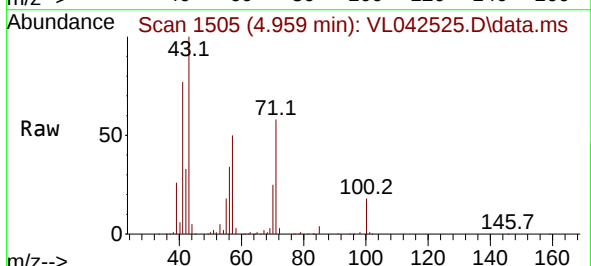
Manual Integrations
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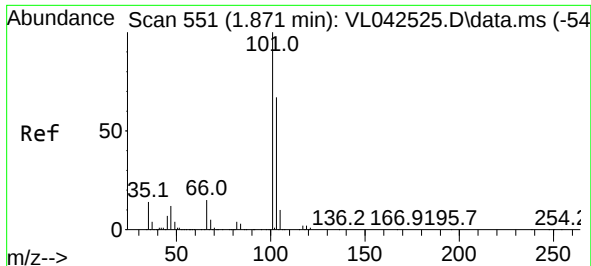
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#10
 Heptane
 Concen: 10.802 ppbv
 RT: 4.959 min Scan# 1505
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

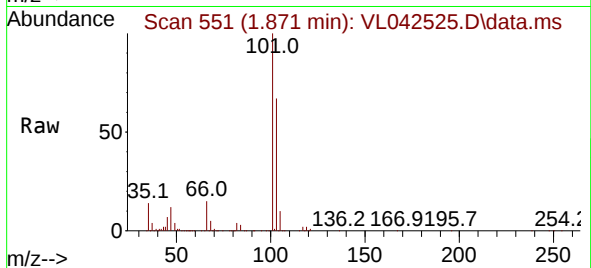
Tgt Ion: 43 Resp: 171443
 Ion Ratio Lower Upper
 43 100
 57 52.6 42.1 63.1





#11
 Trichlorofluoromethane
 Concen: 8.930 ppbv
 RT: 1.871 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

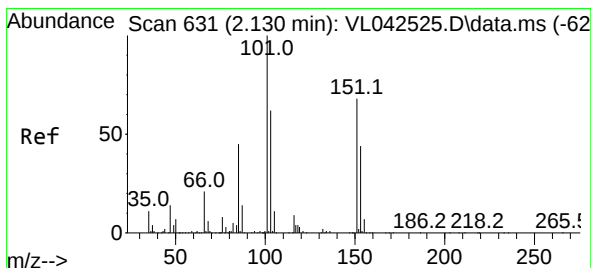
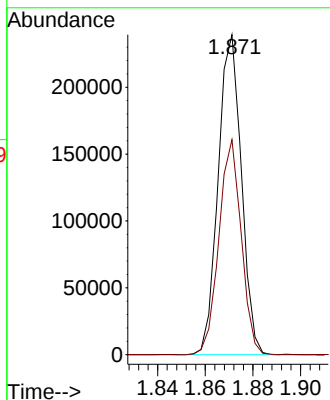
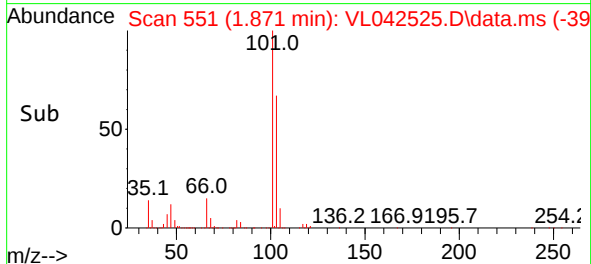
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



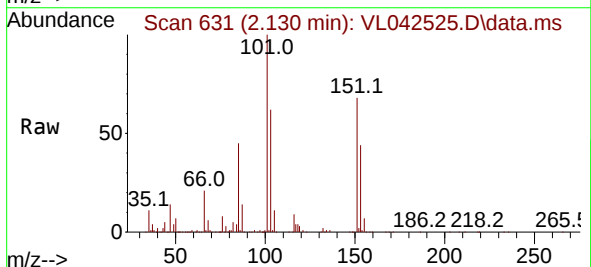
Tgt Ion:101 Resp: 16156
 Ion Ratio Lower Upper
 101 100
 103 67.2 53.8 80.6

Manual Integrations
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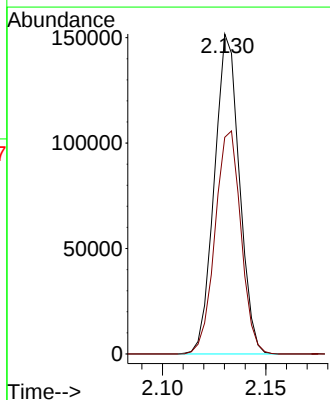
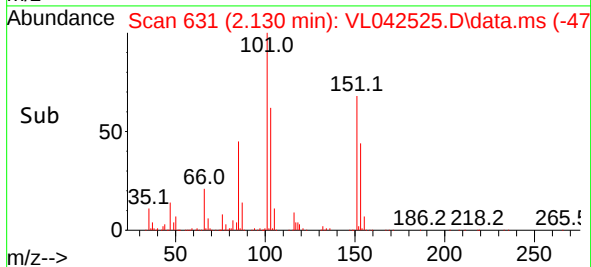
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

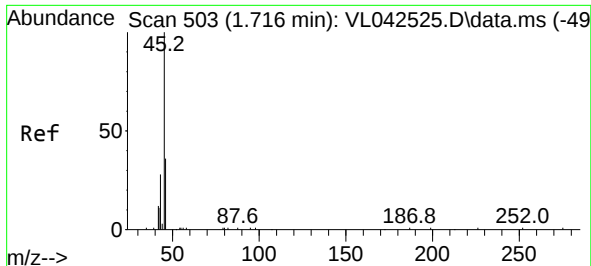


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.791 ppbv
 RT: 2.130 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57



Tgt Ion:101 Resp: 127743
 Ion Ratio Lower Upper
 101 100
 151 72.3 57.8 86.8





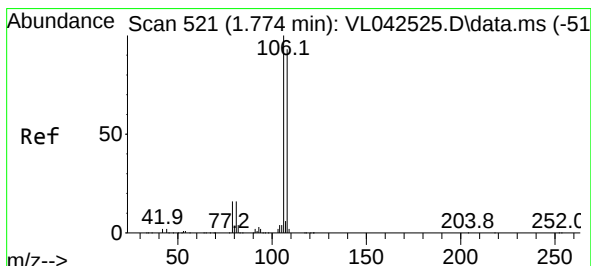
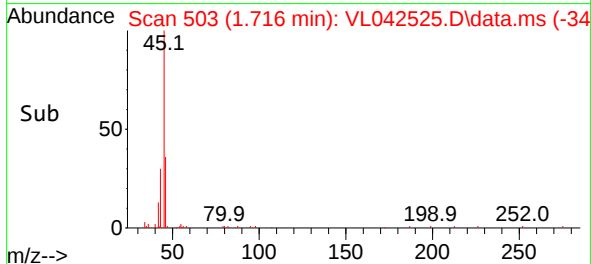
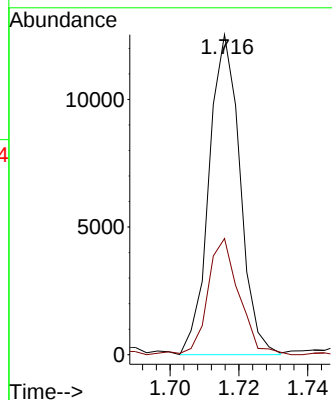
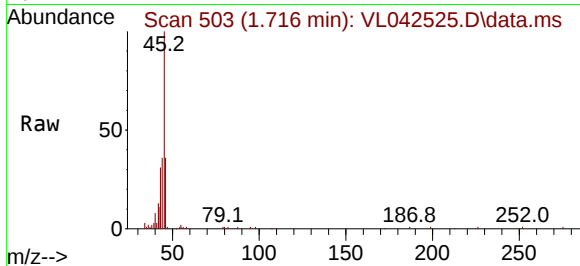
#13
Ethanol
Concen: 6.912 ppbv
RT: 1.716 min Scan# 503
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 7854
Ion Ratio Lower Upper
45 100
46 37.1 14.8 59.4

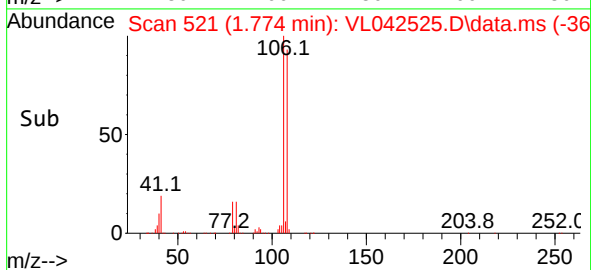
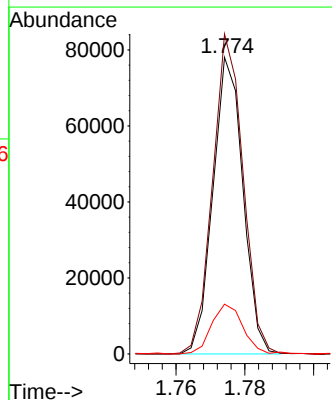
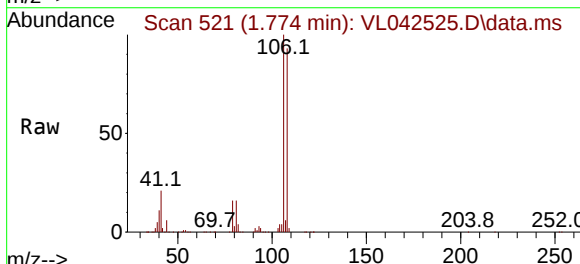
Manual Integrations
APPROVED

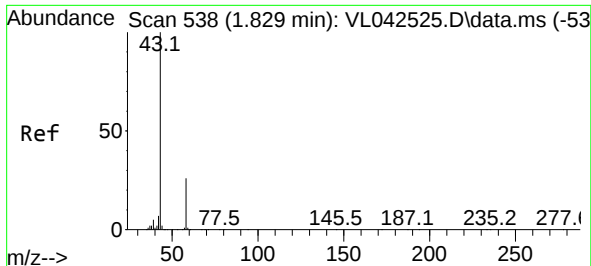
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#14
Bromoethene
Concen: 8.932 ppbv
RT: 1.774 min Scan# 521
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

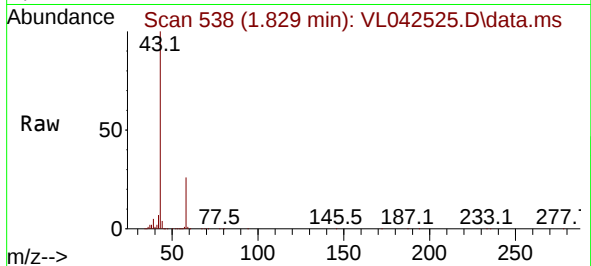
Tgt Ion:108 Resp: 47318
Ion Ratio Lower Upper
108 100
106 109.3 87.4 131.2
79 17.5 15.1 22.7





#15
Acetone
Concen: 7.569 ppbv
RT: 1.829 min Scan# 538
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

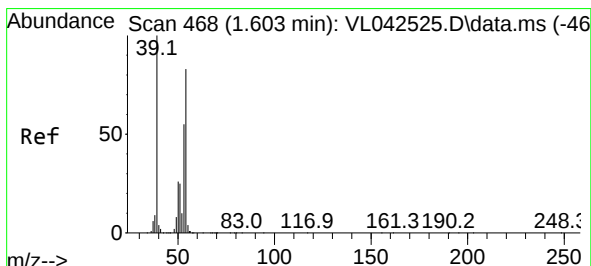
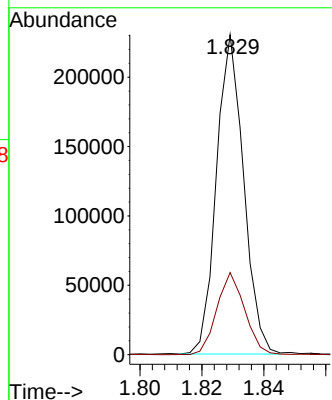
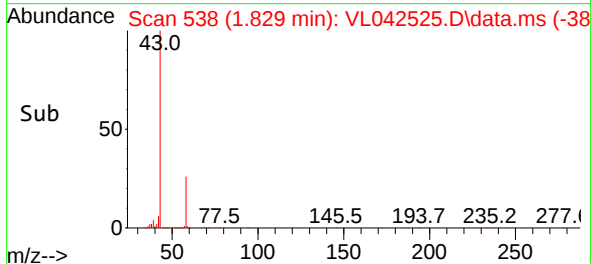
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



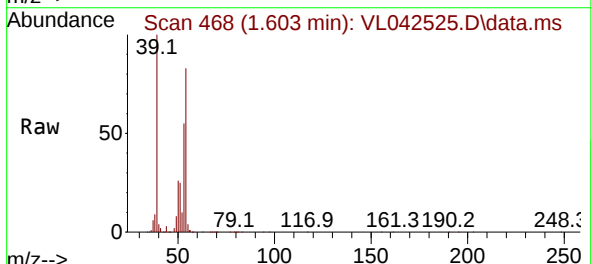
Tgt Ion: 43 Resp: 140078
Ion Ratio Lower Upper
43 100
58 26.6 21.3 31.9

Manual Integrations
APPROVED

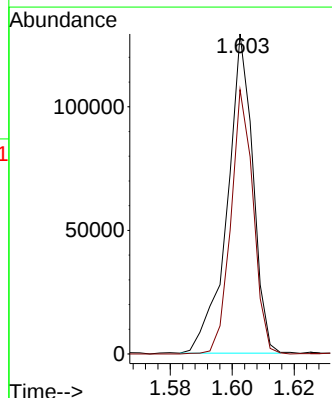
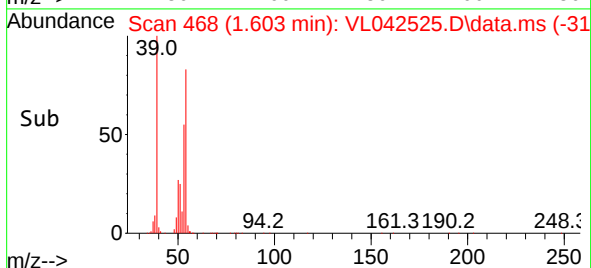
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

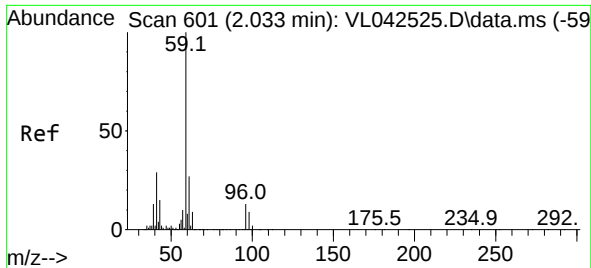


#16
1,3-Butadiene
Concen: 8.946 ppbv
RT: 1.603 min Scan# 468
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



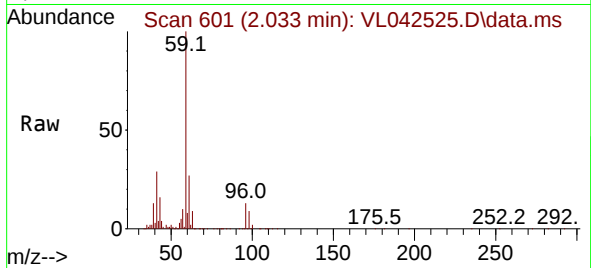
Tgt Ion: 39 Resp: 74449
Ion Ratio Lower Upper
39 100
54 72.1 57.8 86.6





#17
 tert-Butyl alcohol
 Concen: 9.298 ppbv
 RT: 2.033 min Scan# 601
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

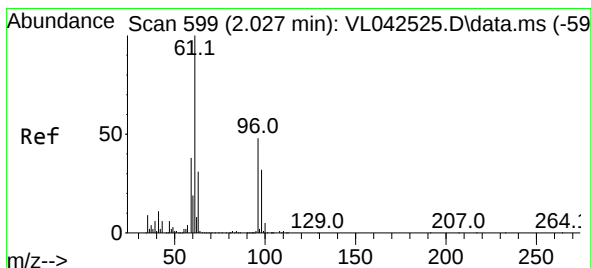
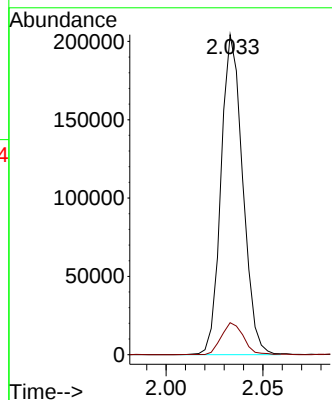
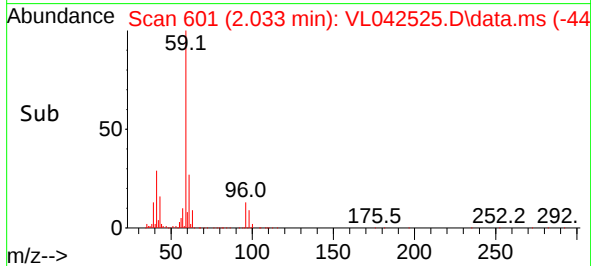
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



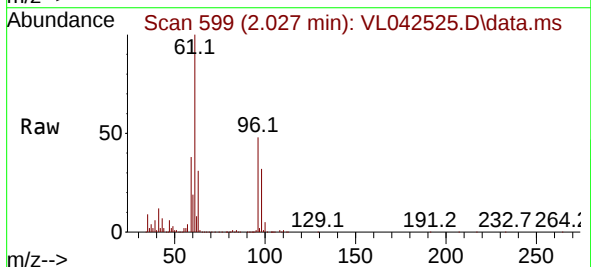
Tgt Ion: 59 Resp: 15901
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

Manual Integrations
 APPROVED

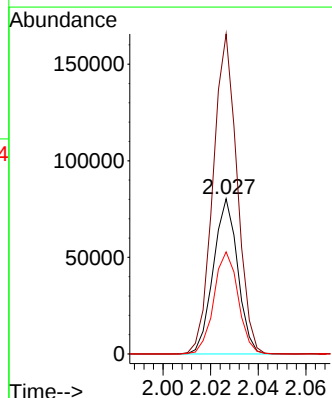
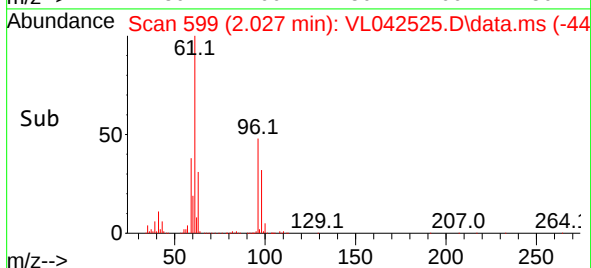
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

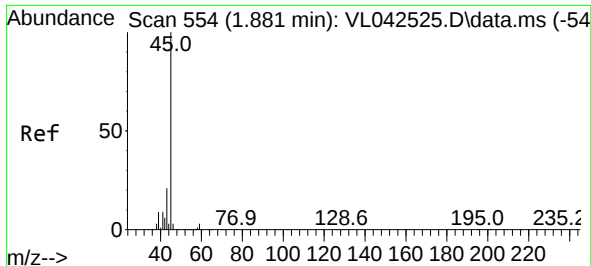


#18
 1,1-Dichloroethene
 Concen: 8.952 ppbv
 RT: 2.027 min Scan# 599
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57



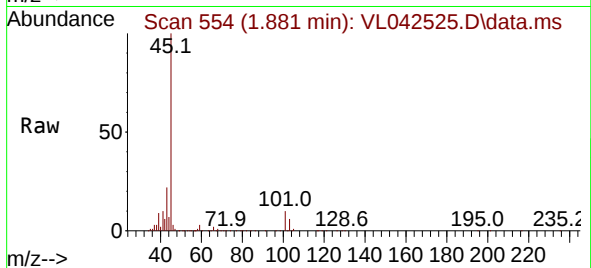
Tgt Ion: 96 Resp: 57005
 Ion Ratio Lower Upper
 96 100
 61 206.2 165.0 247.4
 98 65.8 52.6 79.0





#19
Isopropyl Alcohol
Concen: 8.961 ppbv
RT: 1.881 min Scan# 554
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

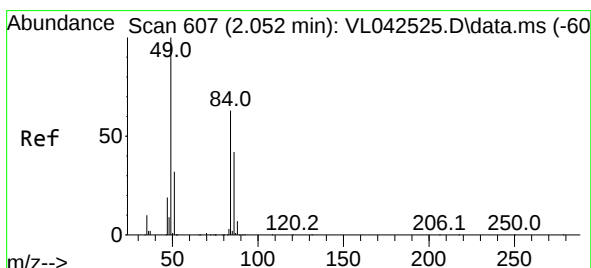
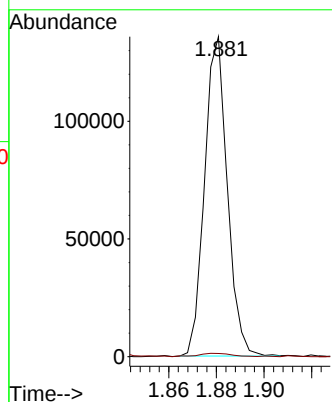
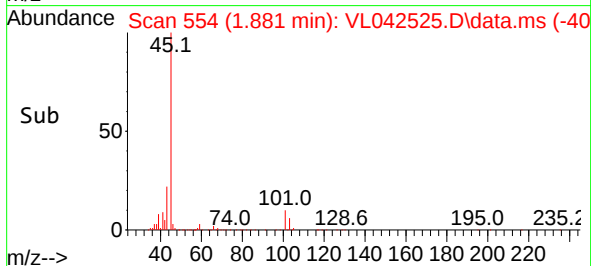
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



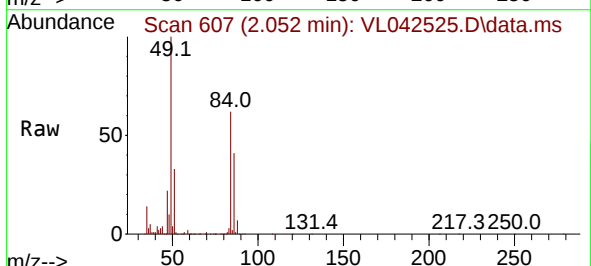
Tgt Ion: 45 Resp: 90090
Ion Ratio Lower Upper
45 100
58 41.4 1.5 2.3

Manual Integrations
APPROVED

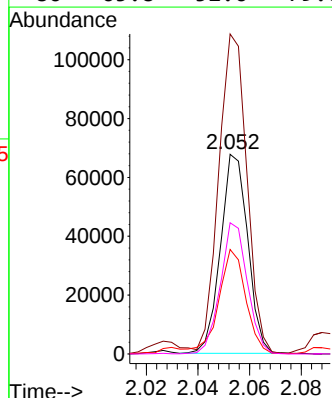
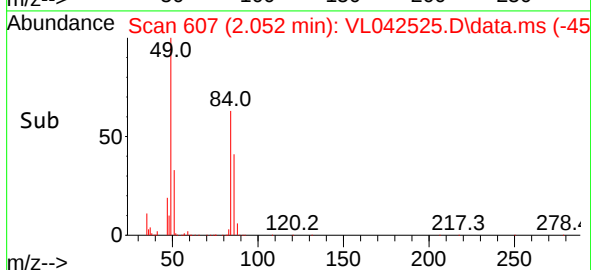
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

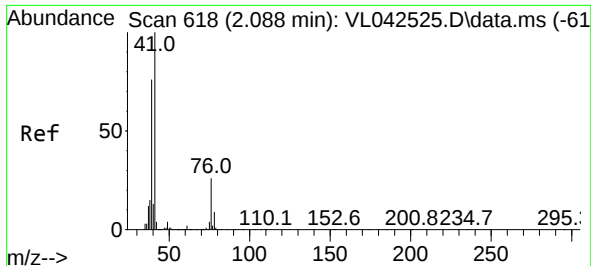


#20
Methylene Chloride
Concen: 7.693 ppbv
RT: 2.052 min Scan# 607
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



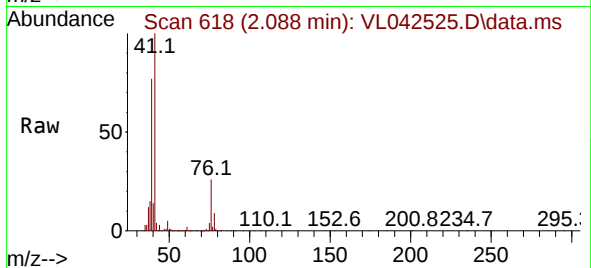
Tgt Ion: 84 Resp: 49582
Ion Ratio Lower Upper
84 100
49 160.3 128.2 192.4
51 52.1 41.7 62.5
86 65.8 52.6 79.0





#21
 Allyl Chloride
 Concen: 9.316 ppbv
 RT: 2.088 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

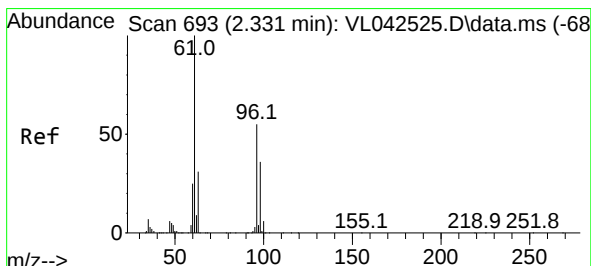
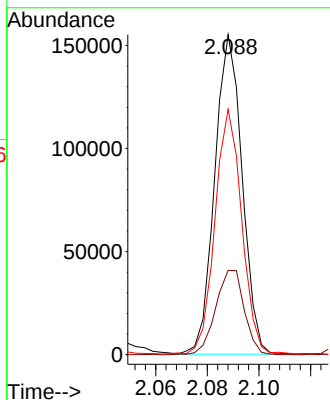
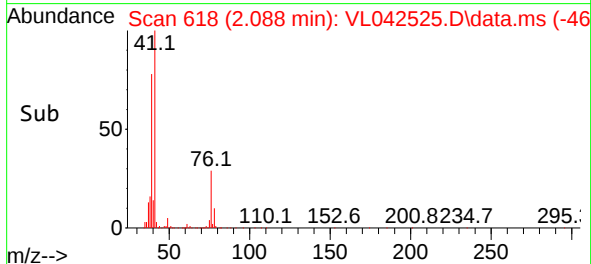
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



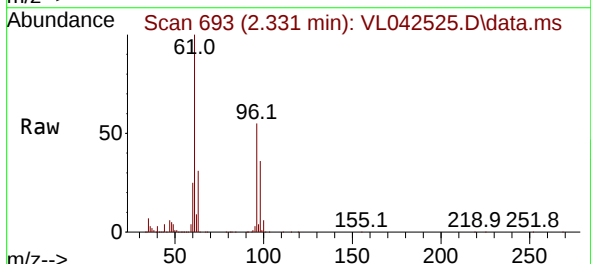
Tgt Ion: 41 Resp: 11415
 Ion Ratio Lower Upper
 41 100
 76 27.5 22.0 33.0
 39 74.4 59.5 89.3

Manual Integrations
 APPROVED

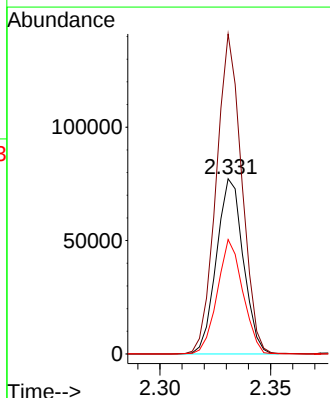
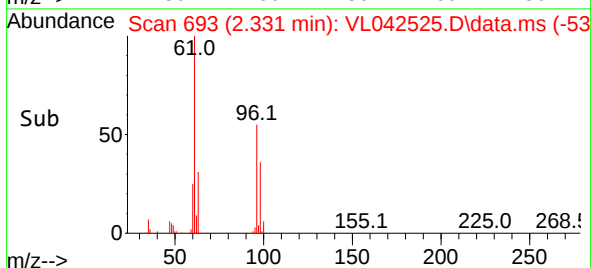
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

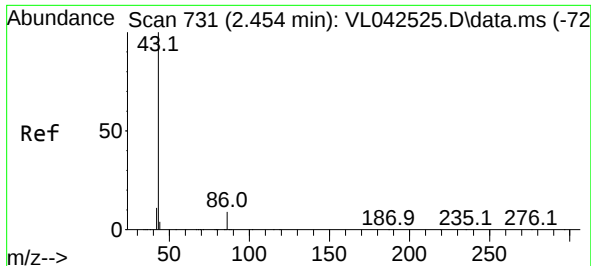


#22
 trans-1,2-Dichloroethene
 Concen: 8.750 ppbv
 RT: 2.331 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57



Tgt Ion: 96 Resp: 65183
 Ion Ratio Lower Upper
 96 100
 61 182.4 145.9 218.9
 98 65.3 52.2 78.4





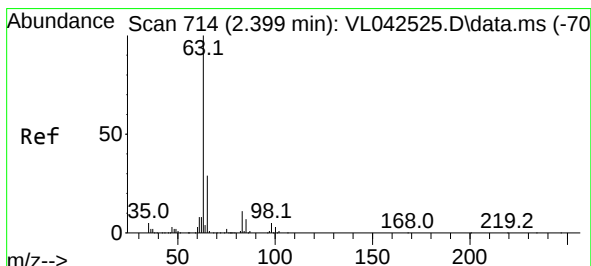
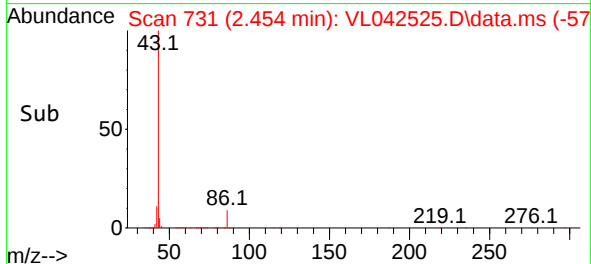
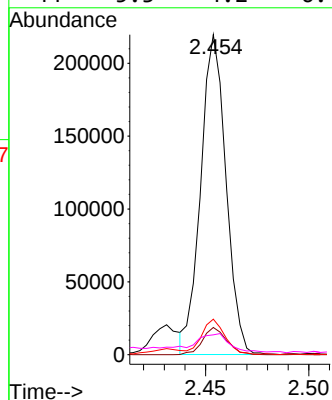
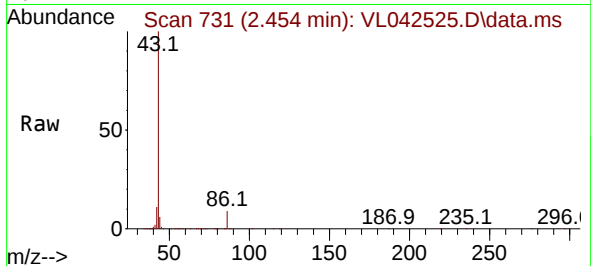
#23
 Vinyl Acetate
 Concen: 9.646 ppbv
 RT: 2.454 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 186900
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.8 10.2
 42 11.0 8.8 13.2
 44 5.3 4.2 6.4

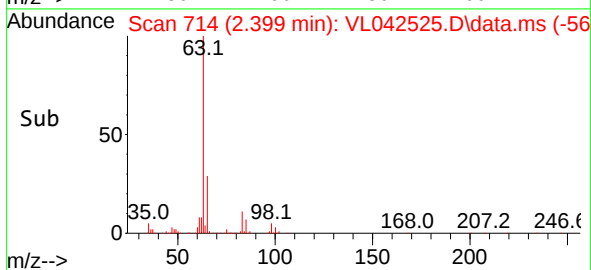
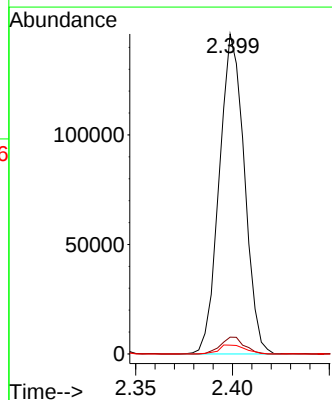
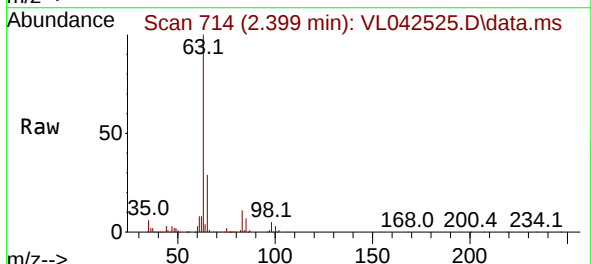
Manual Integrations
 APPROVED

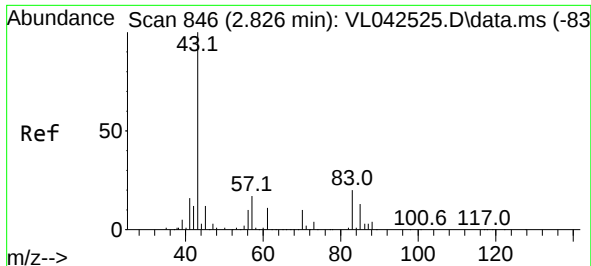
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#24
 1,1-Dichloroethane
 Concen: 9.126 ppbv
 RT: 2.399 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

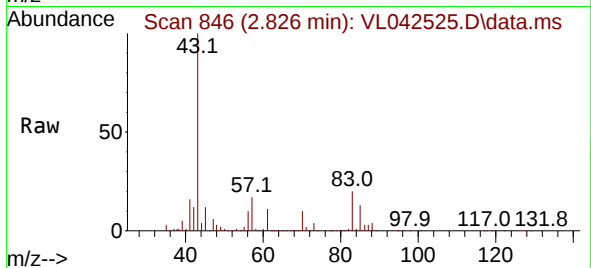
Tgt Ion: 63 Resp: 131534
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.6 8.0
 100 2.8 1.4 4.2





#25
Ethyl Acetate
Concen: 10.175 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

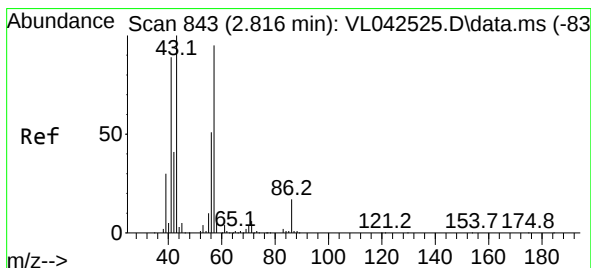
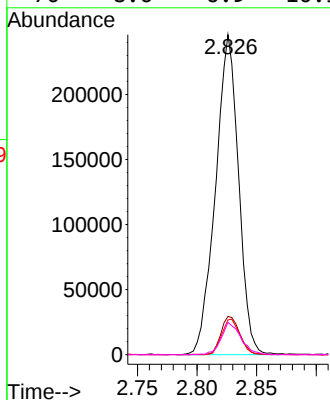
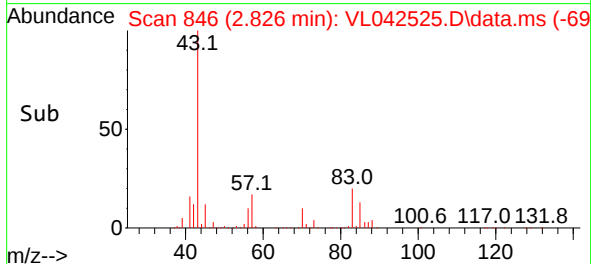
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 330659
Ion Ratio Lower Upper
43 100
45 9.8 7.9 11.9
61 8.9 7.1 10.7
70 8.6 6.9 10.3

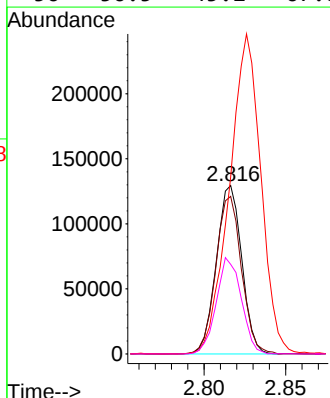
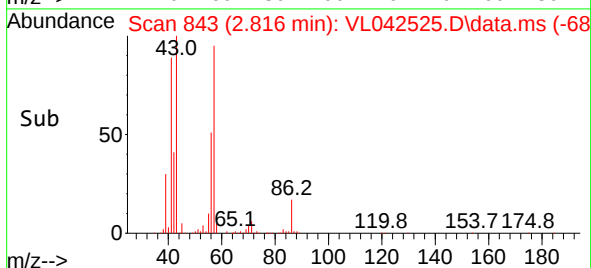
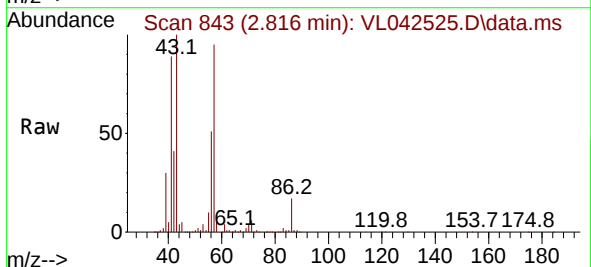
Manual Integrations
APPROVED

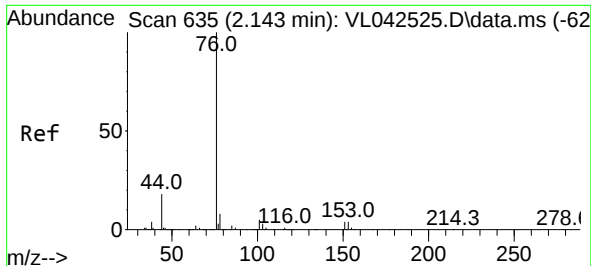
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#26
Hexane
Concen: 10.498 ppbv
RT: 2.816 min Scan# 843
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

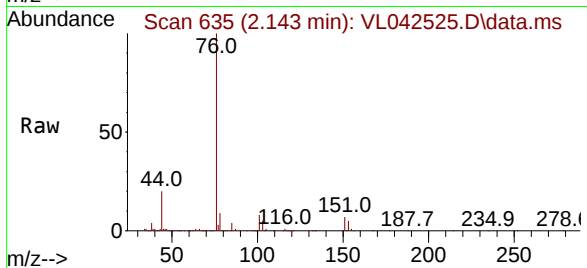
Tgt Ion: 57 Resp: 140065
Ion Ratio Lower Upper
57 100
41 95.1 76.1 114.1
43 236.5 188.9 283.3
56 56.5 45.2 67.8





#27
Carbon Disulfide
Concen: 9.467 ppbv
RT: 2.143 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

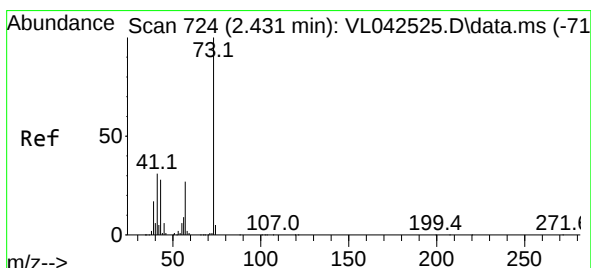
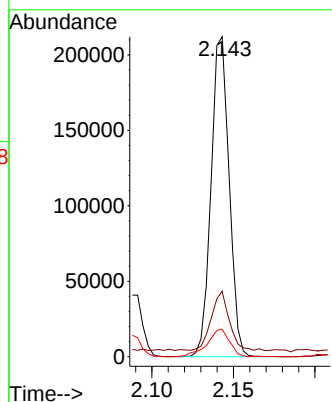
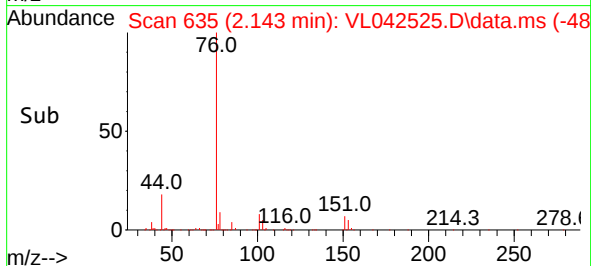
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



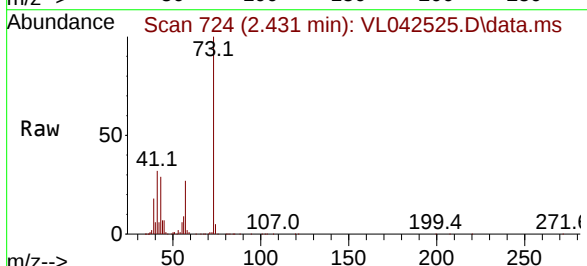
Tgt Ion: 76 Resp: 16305
Ion Ratio Lower Upper
76 100
44 21.0 17.1 25.7
78 10.7 8.6 12.8

Manual Integrations
APPROVED

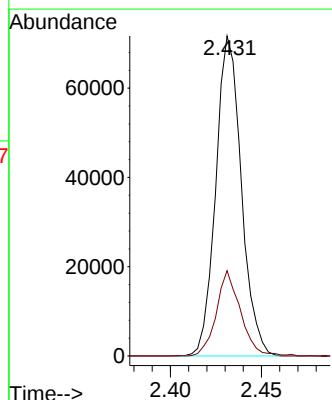
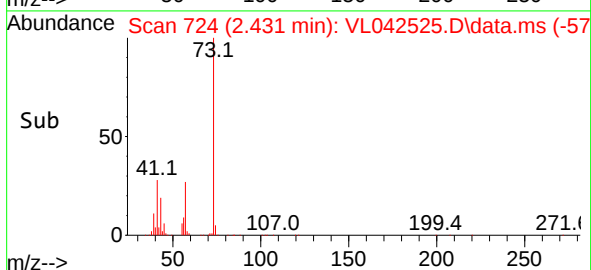
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

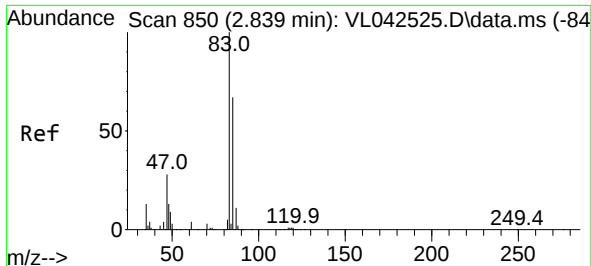


#28
Methyl tert-Butyl Ether
Concen: 9.440 ppbv
RT: 2.431 min Scan# 724
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



Tgt Ion: 73 Resp: 69971
Ion Ratio Lower Upper
73 100
57 25.4 20.3 30.5





#29

Chloroform

Concen: 8.919 ppbv

RT: 2.839 min Scan# 850

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 246790

Ion Ratio Lower Upper

83 100

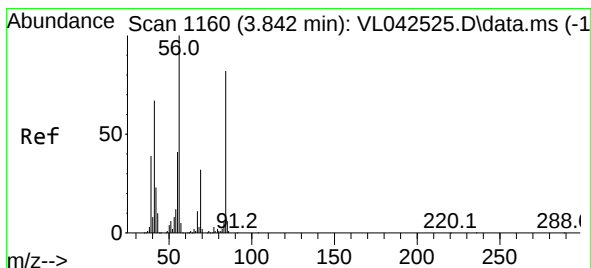
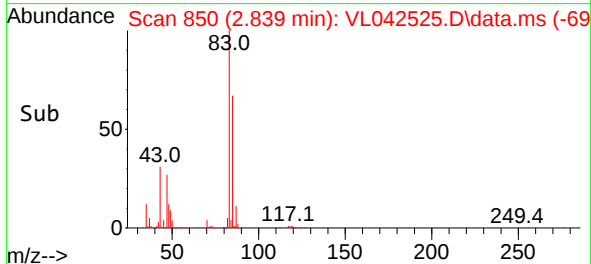
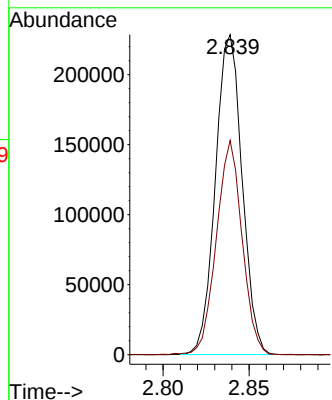
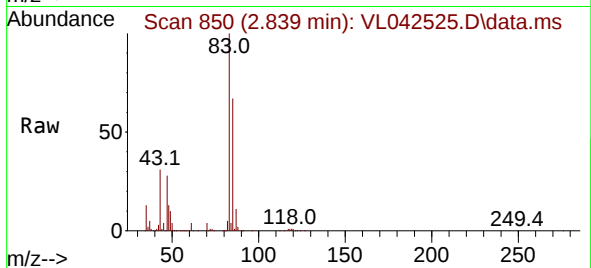
85 66.9 53.5 80.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#30

Cyclohexane

Concen: 10.787 ppbv

RT: 3.842 min Scan# 1160

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

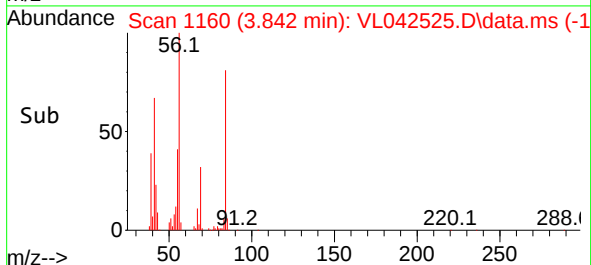
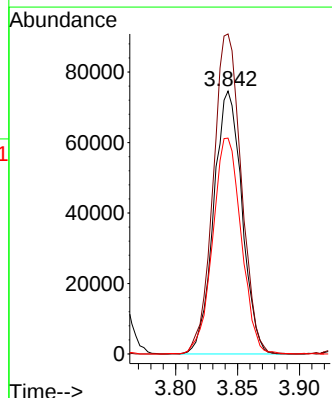
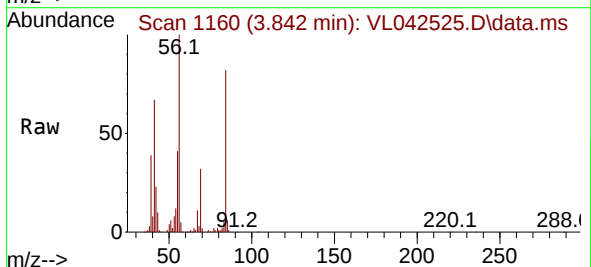
Tgt Ion: 84 Resp: 118162

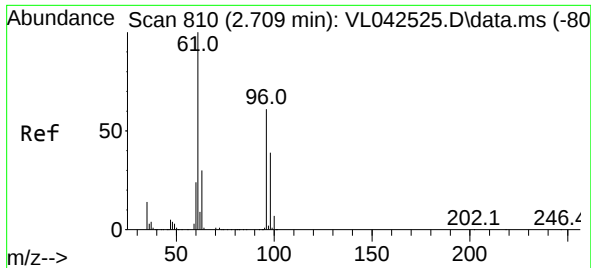
Ion Ratio Lower Upper

84 100

56 121.4 97.1 145.7

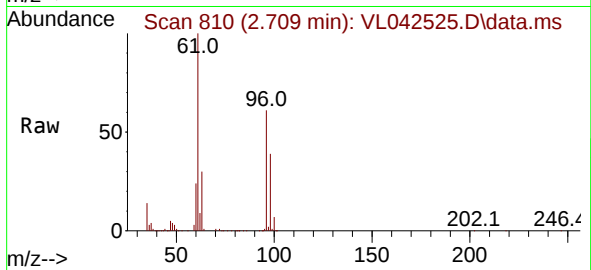
41 83.1 66.6 99.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.788 ppbv
 RT: 2.709 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

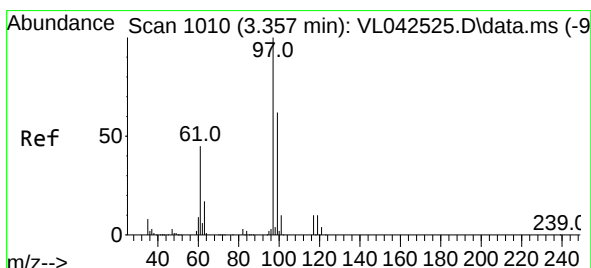
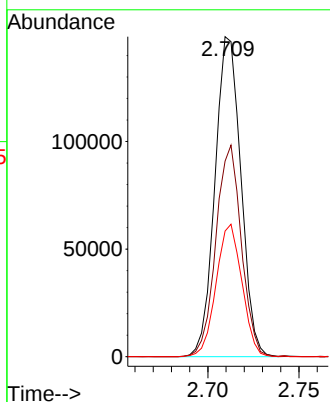
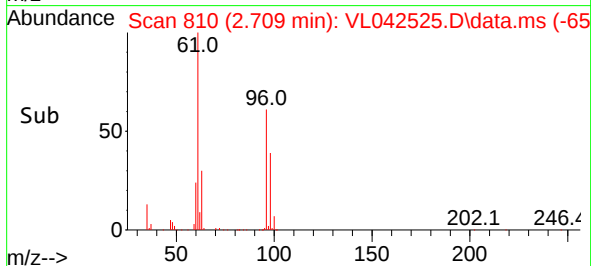
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



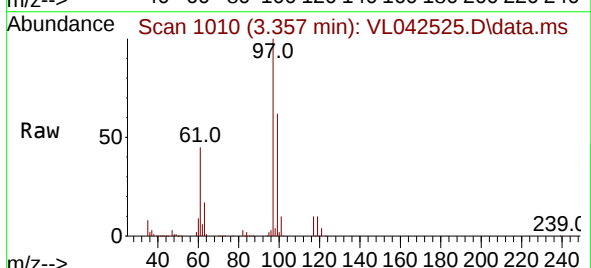
Tgt Ion: 61 Resp: 147461
 Ion Ratio Lower Upper
 61 100
 96 61.1 48.9 73.3
 98 39.3 31.4 47.2

Manual Integrations
 APPROVED

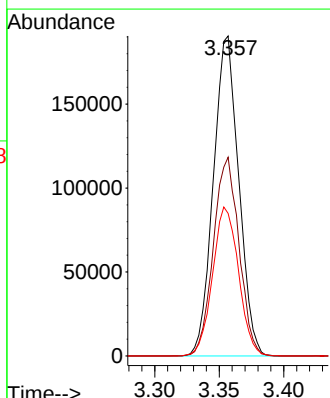
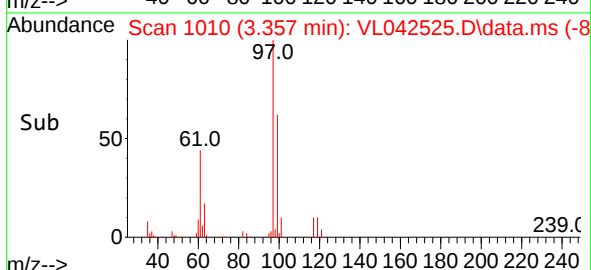
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

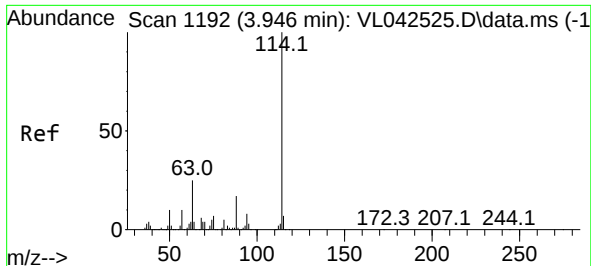


#32
 1,1,1-Trichloroethane
 Concen: 9.331 ppbv
 RT: 3.357 min Scan# 1010
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57



Tgt Ion: 97 Resp: 260477
 Ion Ratio Lower Upper
 97 100
 99 62.6 50.1 75.1
 61 47.7 38.2 57.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.946 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA_L

ClientSampleId :

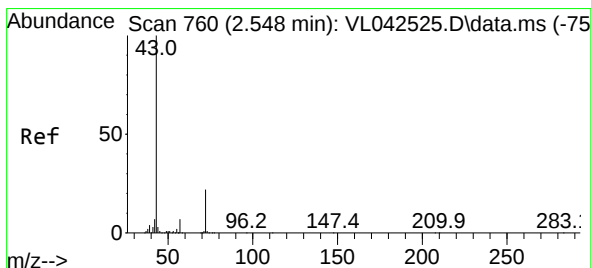
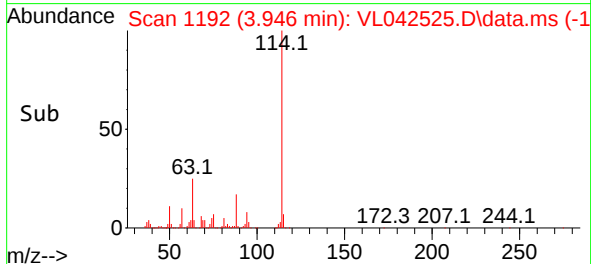
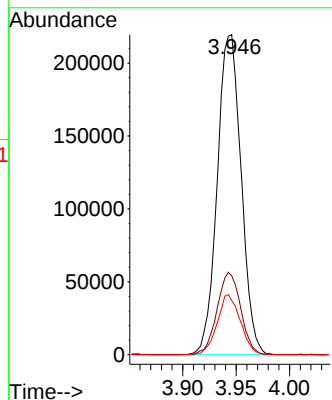
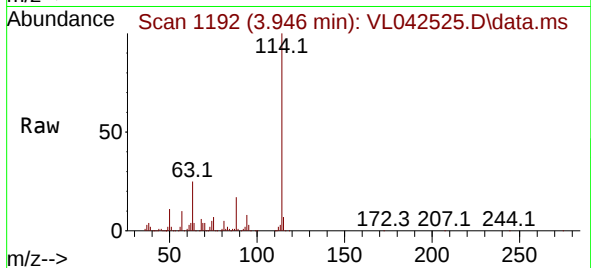
VSTDICCC010

Tgt Ion:114	Resp:	341715
Ion Ratio	Lower	Upper
114	100	
63	25.5	20.4 30.6
88	18.1	14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#34

2-Butanone

Concen: 9.075 ppbv

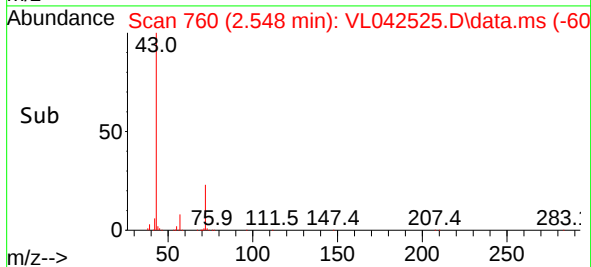
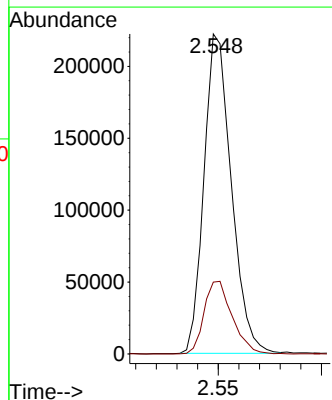
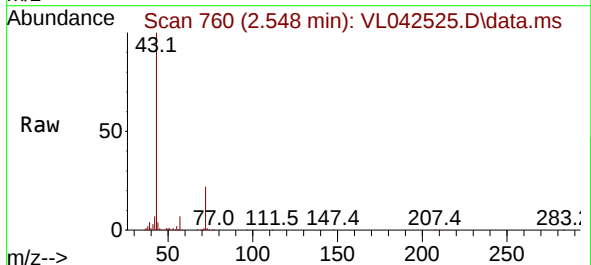
RT: 2.548 min Scan# 760

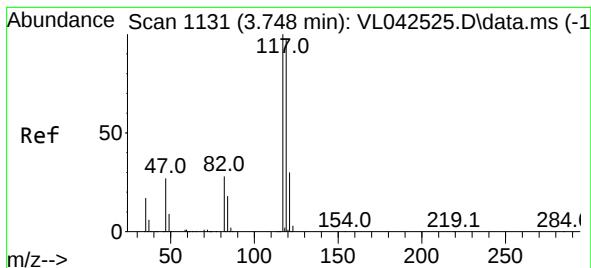
Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Tgt Ion: 43	Resp:	204394
Ion Ratio	Lower	Upper
43	100	
72	23.4	18.7 28.1





#35

Carbon Tetrachloride

Concen: 8.956 ppbv

RT: 3.748 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA_L

ClientSampleId :

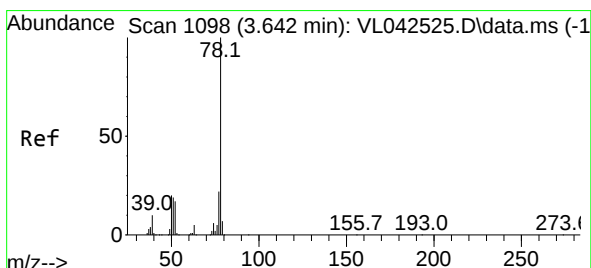
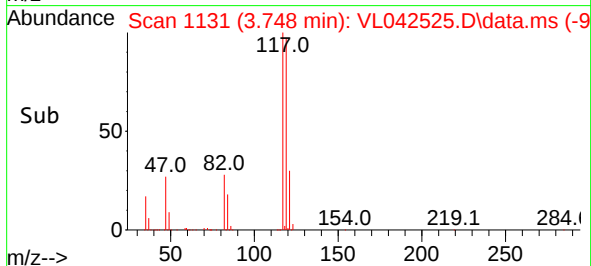
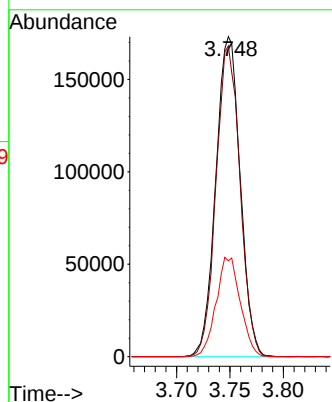
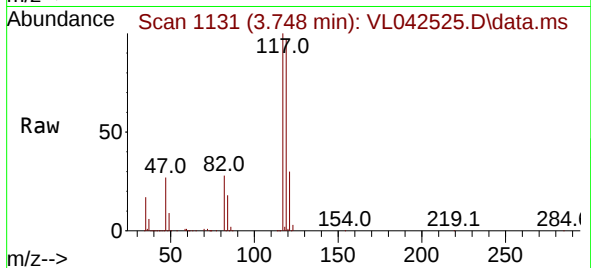
VSTDICCC010

Tgt Ion:	117	Resp:	27514
Ion Ratio	Lower	Upper	
117	100		
119	97.1	77.7	116.5
121	30.0	24.0	36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#36

Benzene

Concen: 9.522 ppbv

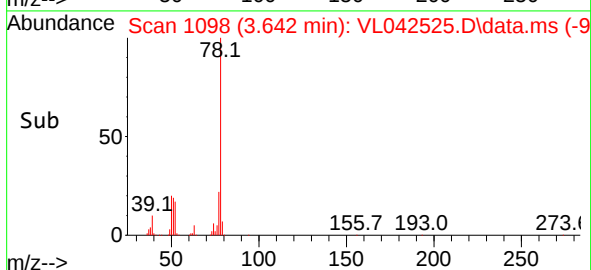
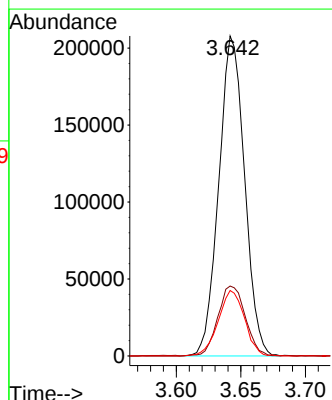
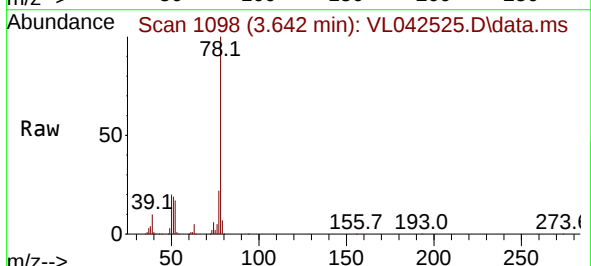
RT: 3.642 min Scan# 1098

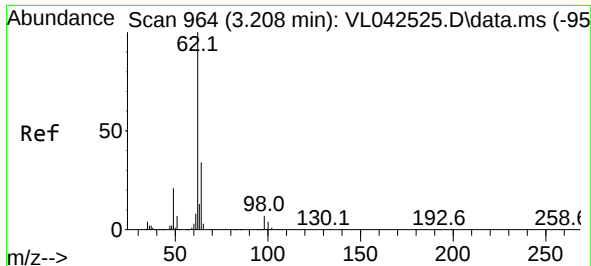
Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Tgt Ion:	78	Resp:	288357
Ion Ratio	Lower	Upper	
78	100		
77	21.8	17.4	26.2
50	20.4	16.3	24.5





#37

1,2-Dichloroethane

Concen: 9.003 ppbv

RT: 3.208 min Scan# 964

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 62 Resp: 19447

Ion Ratio Lower Upper

62 100

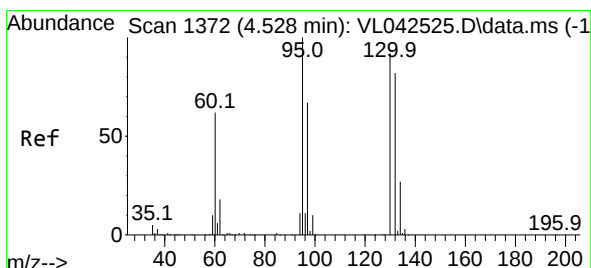
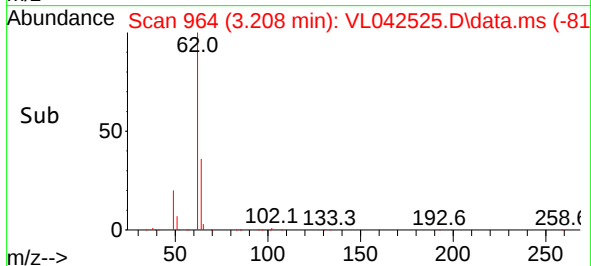
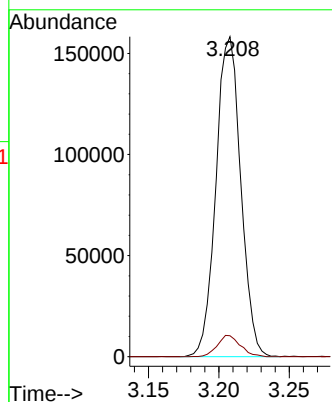
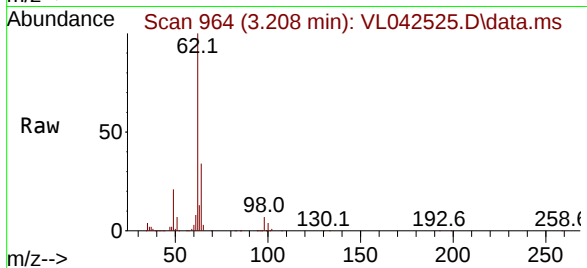
98 6.2 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#38

Trichloroethene

Concen: 9.520 ppbv

RT: 4.528 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Tgt Ion:130 Resp: 123174

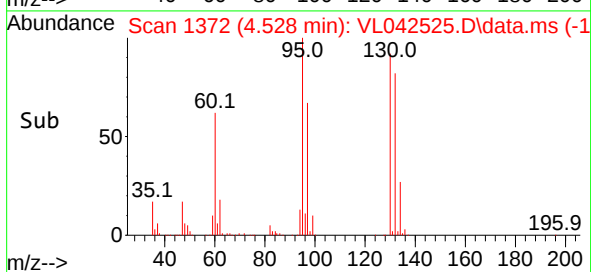
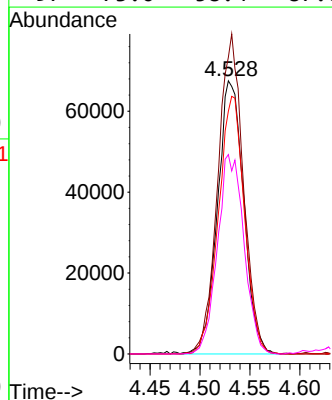
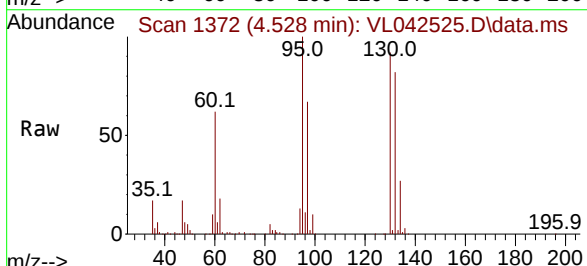
Ion Ratio Lower Upper

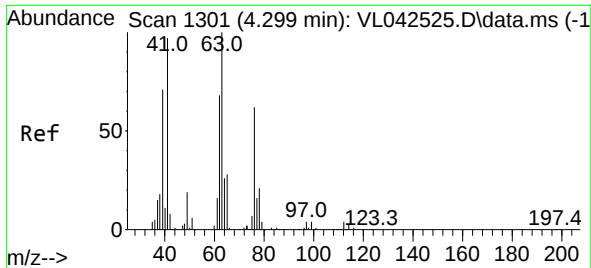
130 100

95 108.7 87.0 130.4

132 88.9 71.1 106.7

97 73.0 58.4 87.6





#39

1,2-Dichloropropane

Concen: 9.342 ppbv

RT: 4.299 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 63 Resp: 10531

Ion Ratio Lower Upper

63 100

41 96.9 77.5 116.3

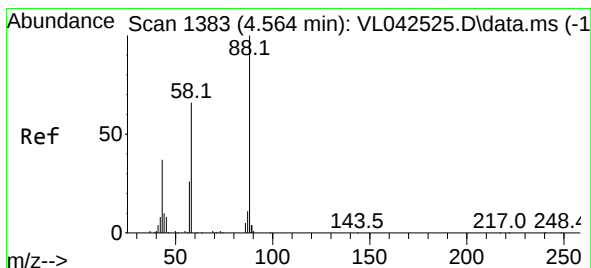
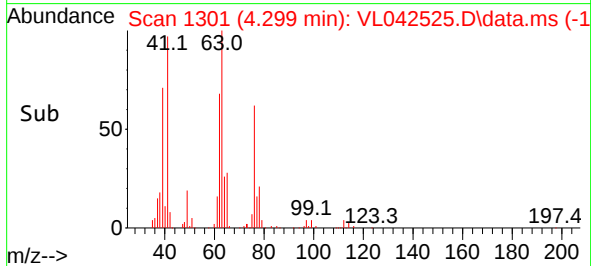
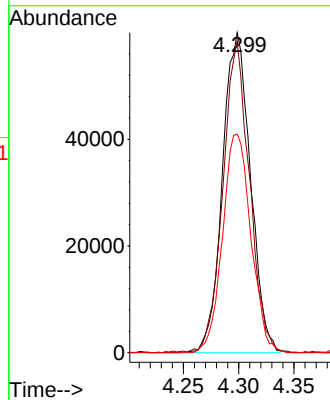
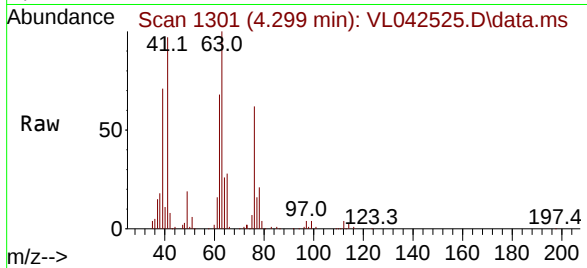
62 68.3 54.6 82.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#40

1,4-Dioxane

Concen: 10.246 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Tgt Ion: 88 Resp: 46049

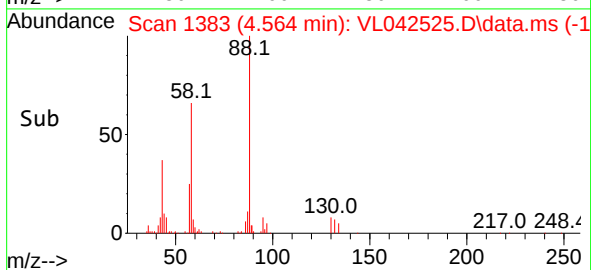
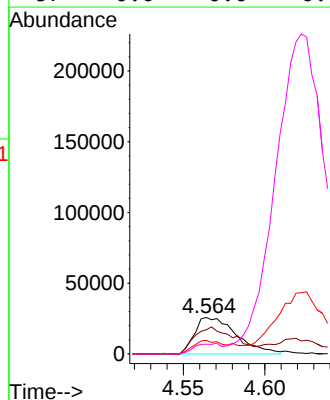
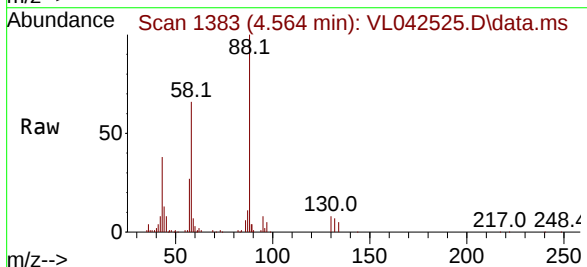
Ion Ratio Lower Upper

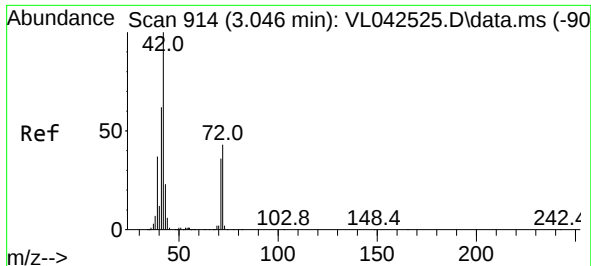
88 100

58 75.5 58.2 87.2

43 37.5 27.9 41.9

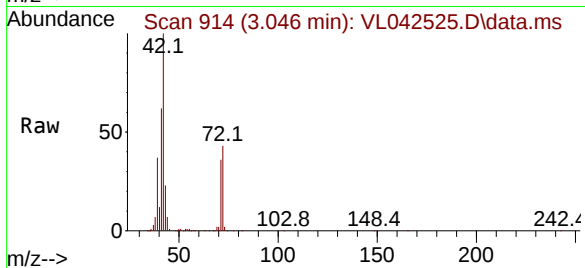
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.824 ppbv
RT: 3.046 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

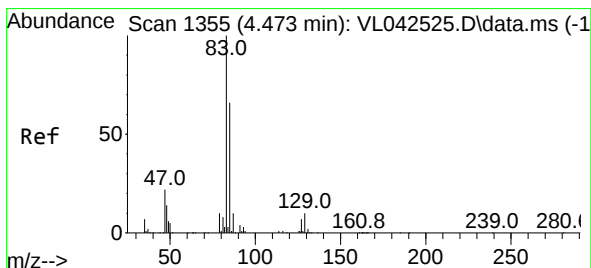
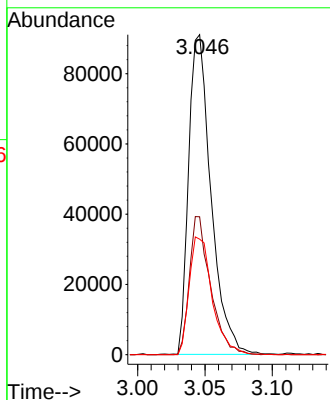
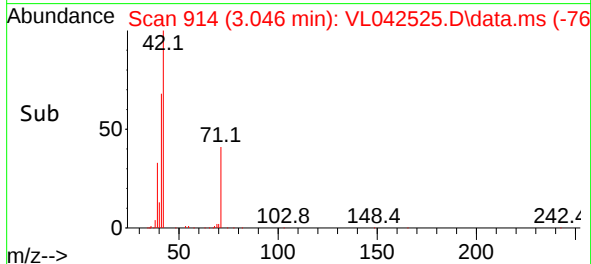
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



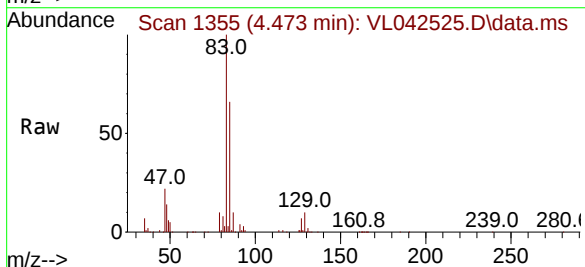
Tgt Ion: 42 Resp: 105158
Ion Ratio Lower Upper
42 100
72 40.9 32.7 49.1
71 38.0 30.4 45.6

Manual Integrations
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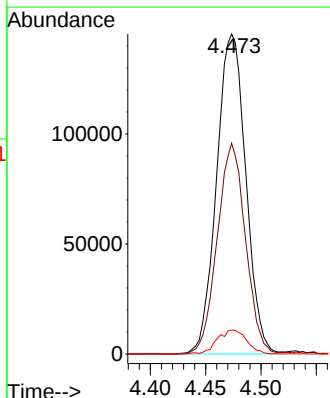
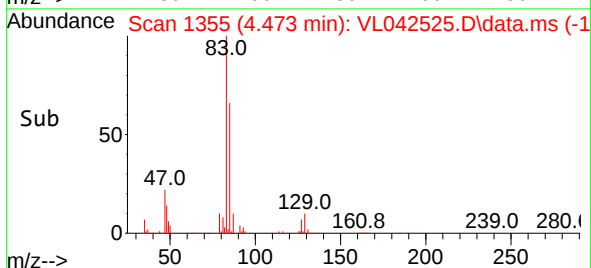
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

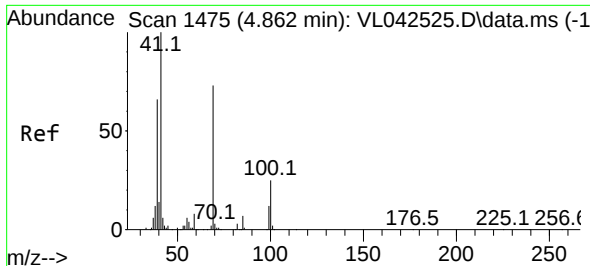


#42
Bromodichloromethane
Concen: 9.286 ppbv
RT: 4.473 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



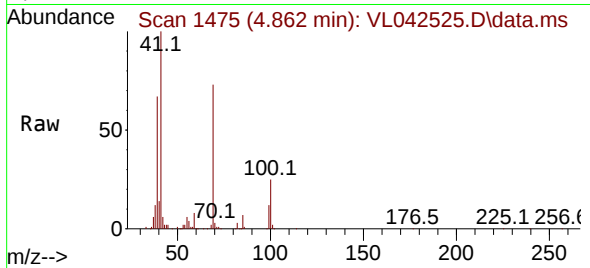
Tgt Ion: 83 Resp: 267225
Ion Ratio Lower Upper
83 100
85 65.8 52.6 79.0
127 7.5 6.0 9.0





#43
Methyl Methacrylate
Concen: 10.879 ppbv
RT: 4.862 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

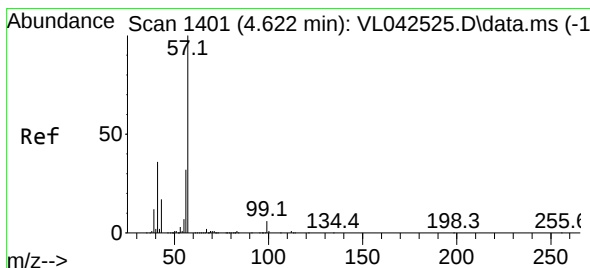
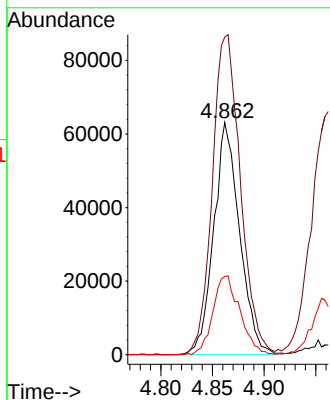
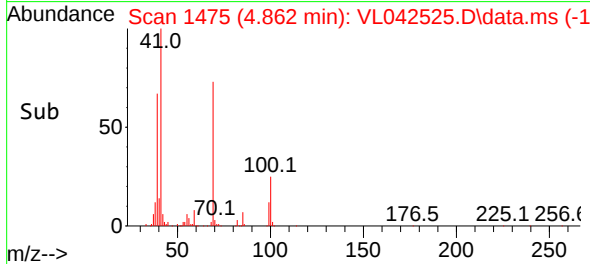
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010



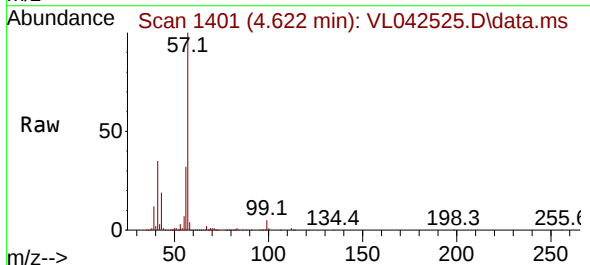
Tgt Ion: 69 Resp: 110028
Ion Ratio Lower Upper
69 100
41 150.0 119.9 179.9
100 35.5 28.4 42.6

Manual Integrations
APPROVED

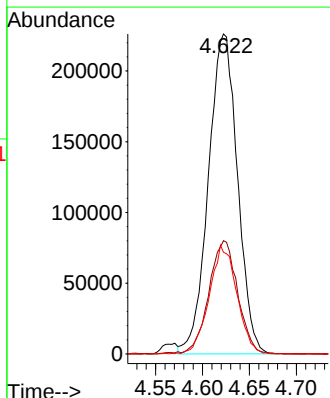
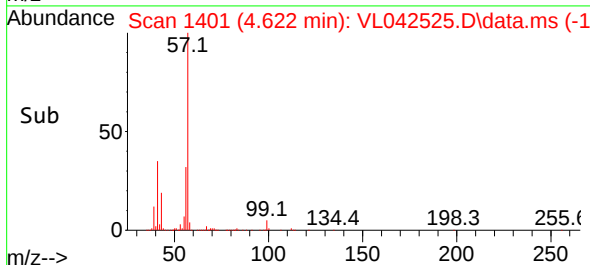
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

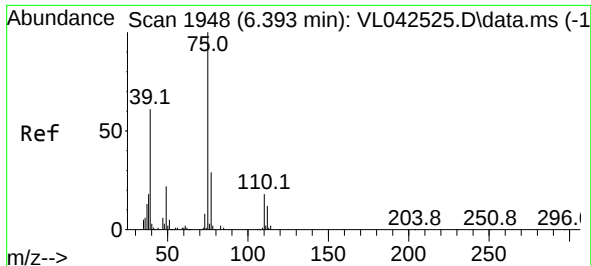


#44
2,2,4-Trimethylpentane
Concen: 10.240 ppbv
RT: 4.622 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



Tgt Ion: 57 Resp: 486999
Ion Ratio Lower Upper
57 100
41 35.4 28.3 42.5
56 32.4 25.9 38.9





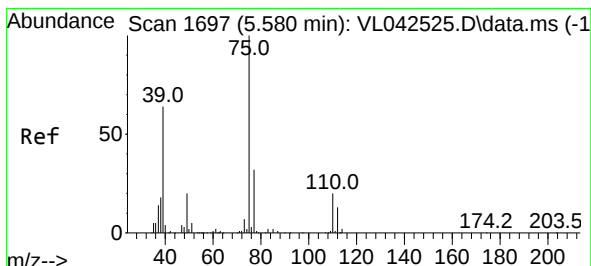
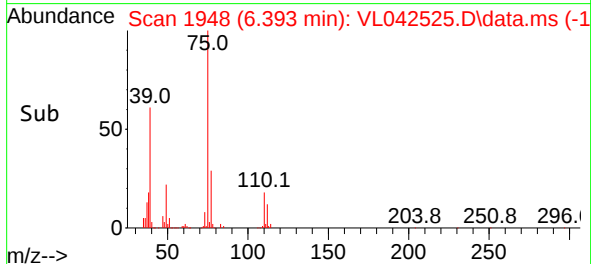
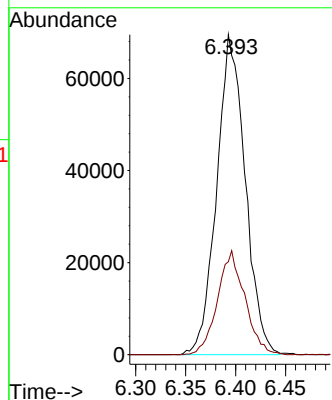
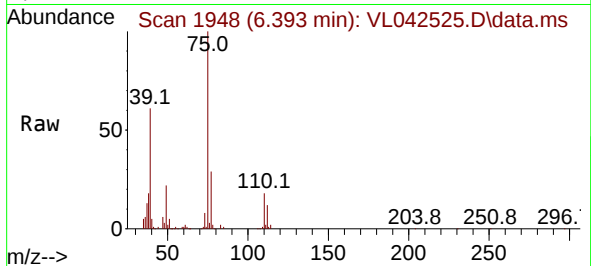
#45
 t-1,3-Dichloropropene
 Concen: 10.664 ppbv
 RT: 6.393 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 137698
 Ion Ratio Lower Upper
 75 100
 77 29.1 23.3 34.9

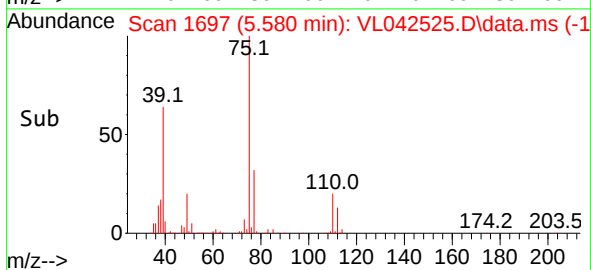
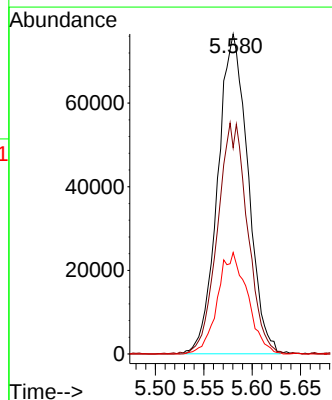
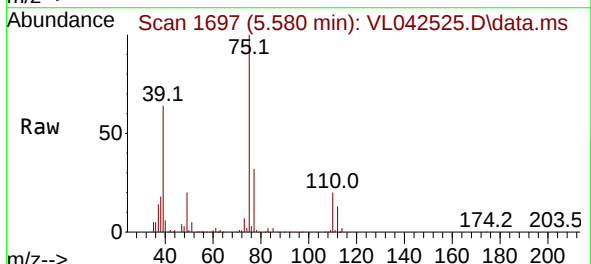
Manual Integrations
 APPROVED

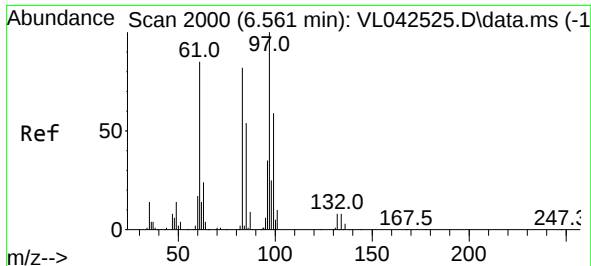
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.673 ppbv
 RT: 5.580 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

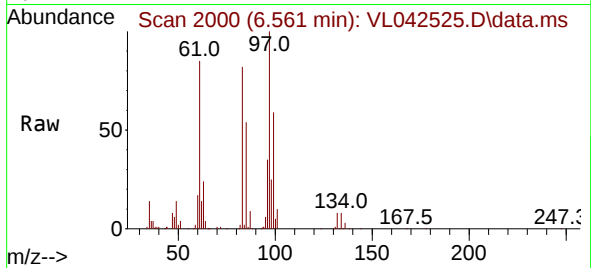
Tgt Ion: 75 Resp: 166227
 Ion Ratio Lower Upper
 75 100
 39 64.0 51.2 76.8
 77 31.7 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 9.025 ppbv
RT: 6.561 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

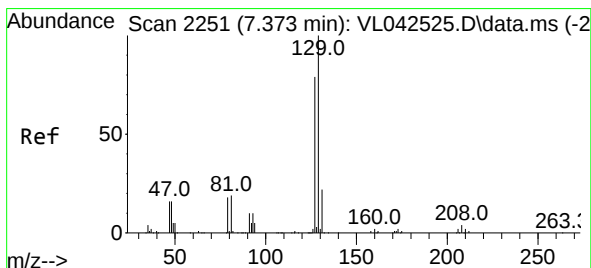
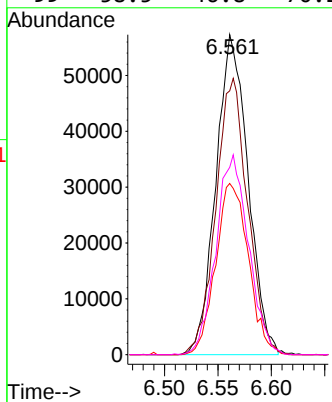
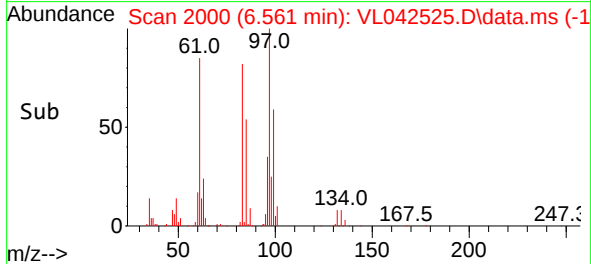
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



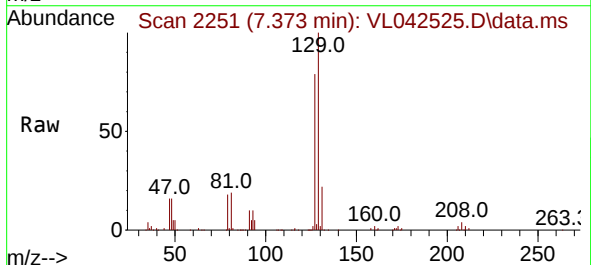
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.5	66.0	99.0
85	53.5	42.8	64.2
99	58.5	46.8	70.2

Manual Integrations
APPROVED

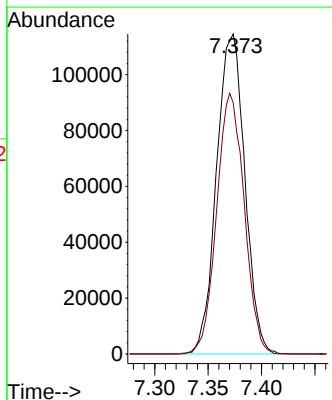
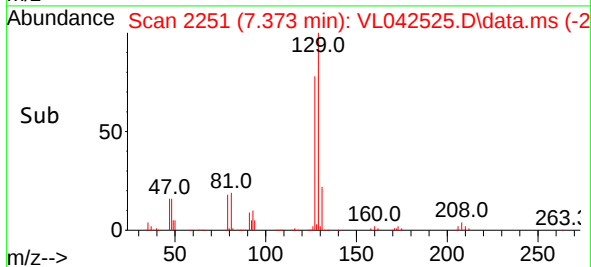
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

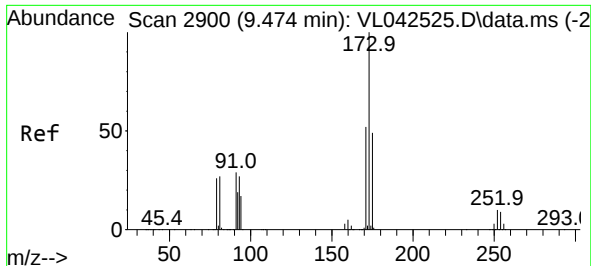


#48
Dibromochloromethane
Concen: 9.517 ppbv
RT: 7.373 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



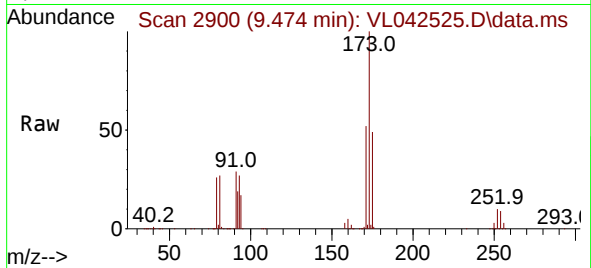
Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.2	39.6	118.8





#49
Bromoform
Concen: 9.802 ppbv
RT: 9.474 min Scan# 2900
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

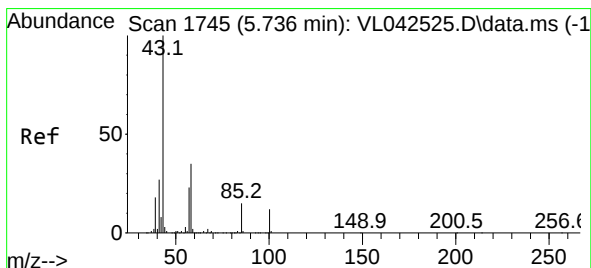
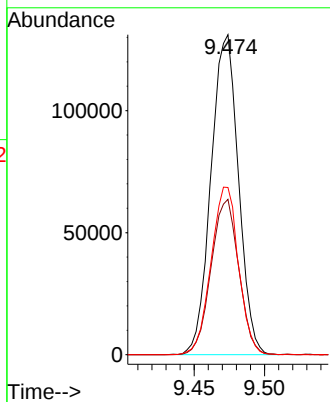
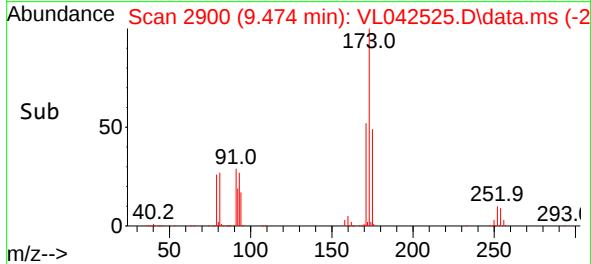
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 173 Resp: 17840
Ion Ratio Lower Upper
173 100
175 48.9 39.1 58.7
171 52.3 41.8 62.8

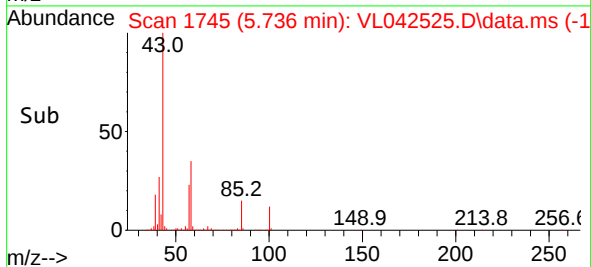
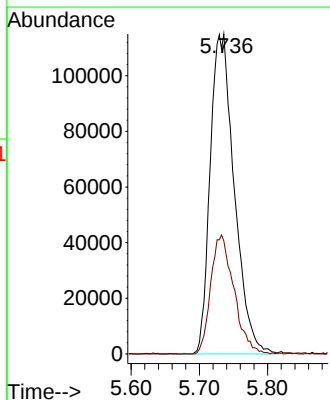
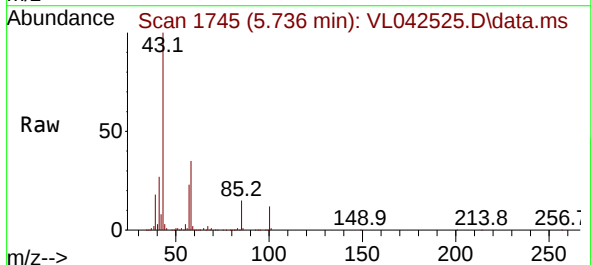
Manual Integrations
APPROVED

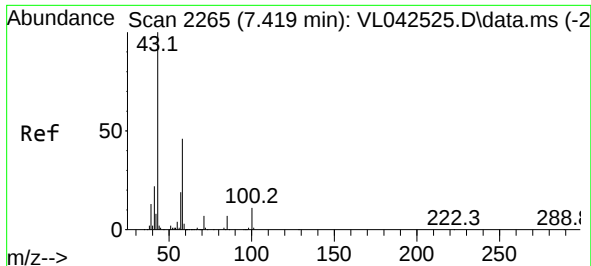
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#50
4-Methyl-2-Pentanone
Concen: 10.684 ppbv m
RT: 5.736 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

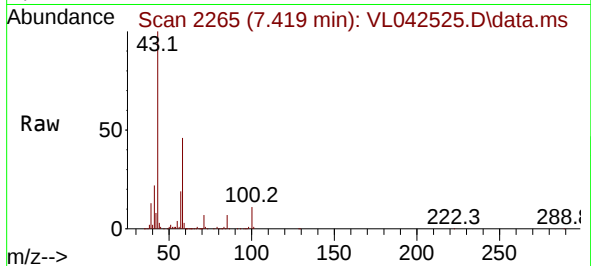
Tgt Ion: 43 Resp: 282238
Ion Ratio Lower Upper
43 100
58 35.8 28.6 42.8





#51
2-Hexanone
Concen: 11.522 ppbv
RT: 7.419 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

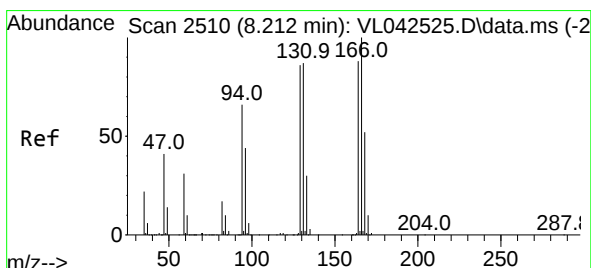
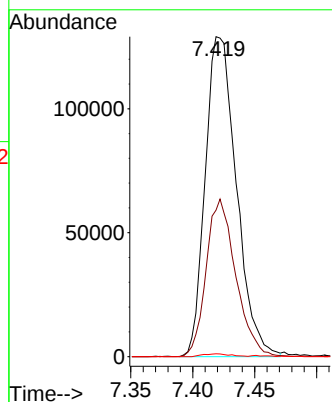
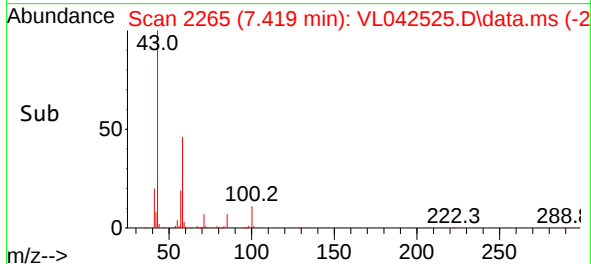
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



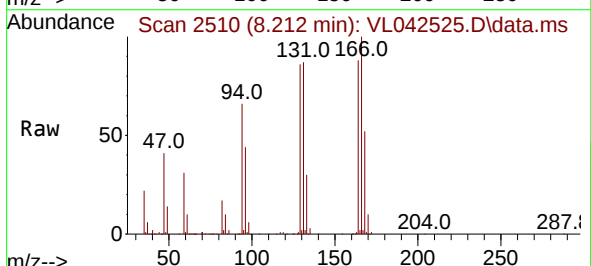
Tgt Ion: 43 Resp: 22622
Ion Ratio Lower Upper
43 100
58 46.8 37.5 56.3
98 1.1 0.9 1.3

Manual Integrations
APPROVED

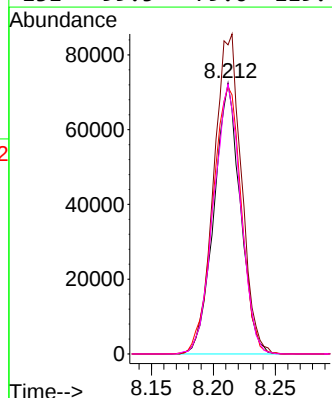
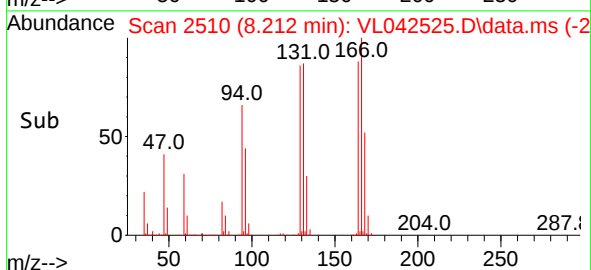
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

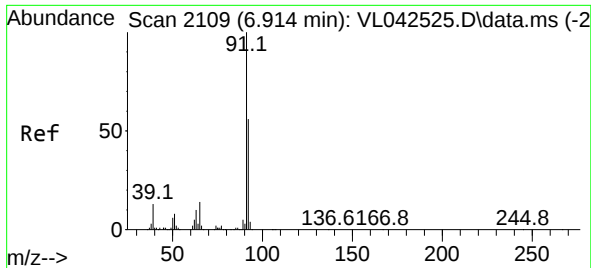


#52
Tetrachloroethene
Concen: 9.209 ppbv
RT: 8.212 min Scan# 2510
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



Tgt Ion:164 Resp: 107438
Ion Ratio Lower Upper
164 100
166 114.1 91.3 136.9
129 98.6 78.9 118.3
131 99.5 79.6 119.4





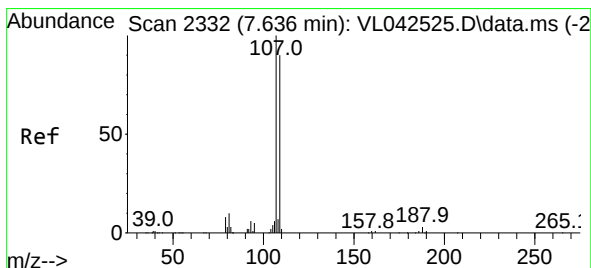
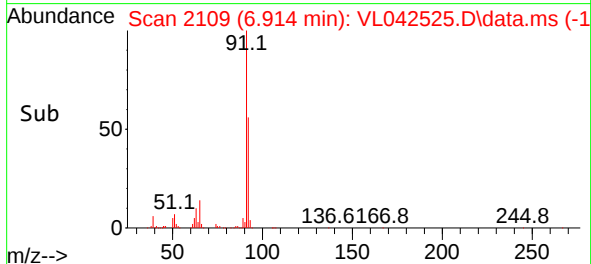
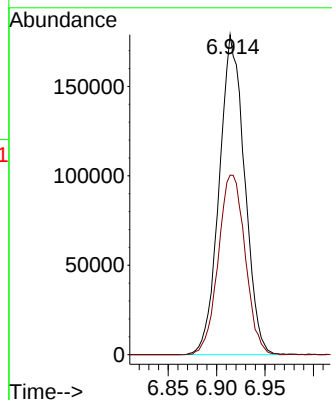
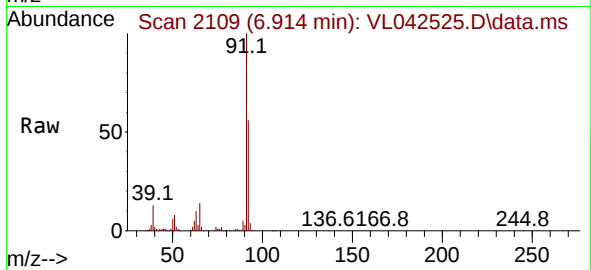
#53
Toluene
Concen: 10.955 ppbv
RT: 6.914 min Scan# 2109
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 32556
Ion Ratio Lower Upper
91 100
92 59.7 47.8 71.6

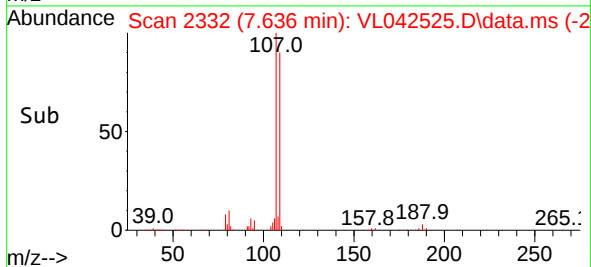
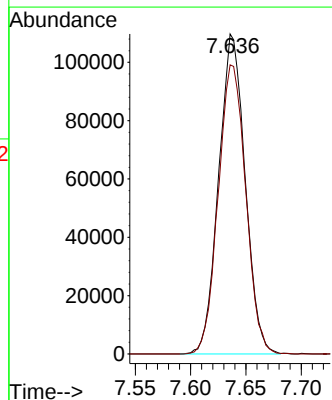
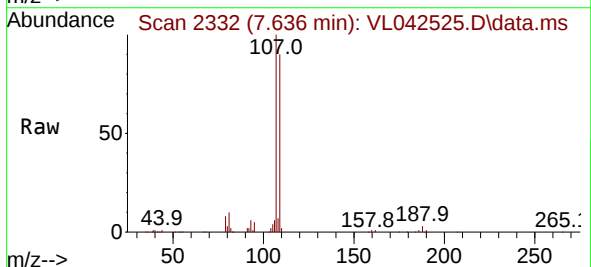
Manual Integrations
APPROVED

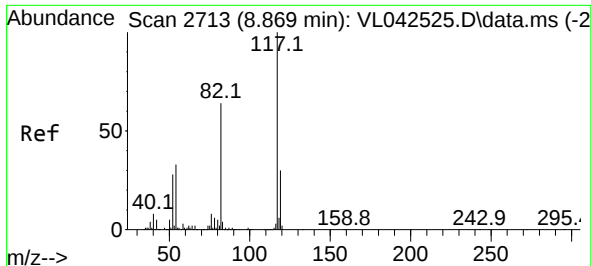
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#54
1,2-Dibromoethane
Concen: 9.400 ppbv
RT: 7.636 min Scan# 2332
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

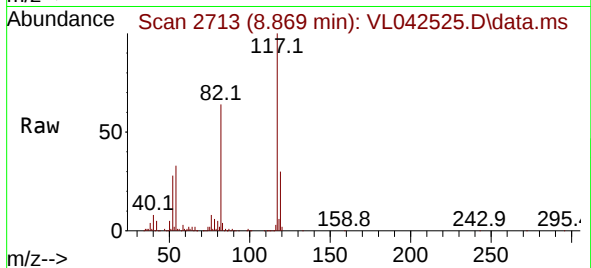
Tgt Ion:107 Resp: 182336
Ion Ratio Lower Upper
107 100
109 90.3 72.2 108.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 2713
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

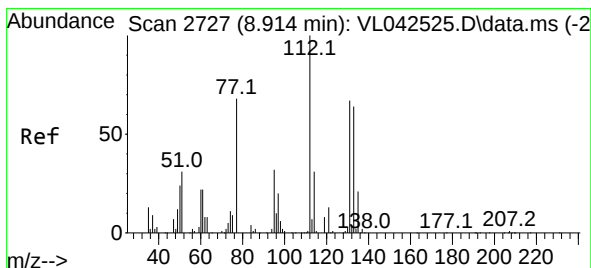
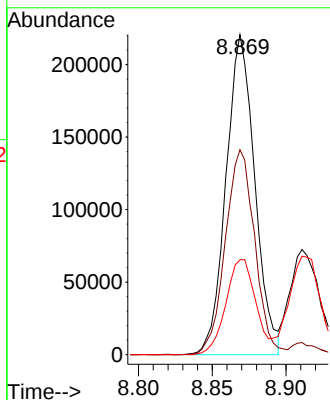
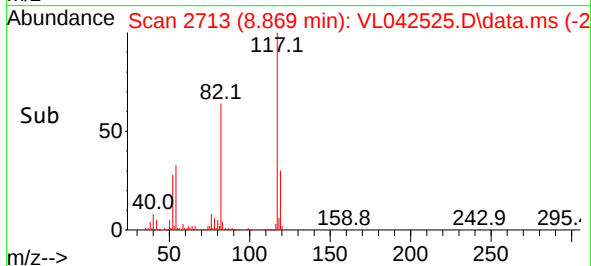
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



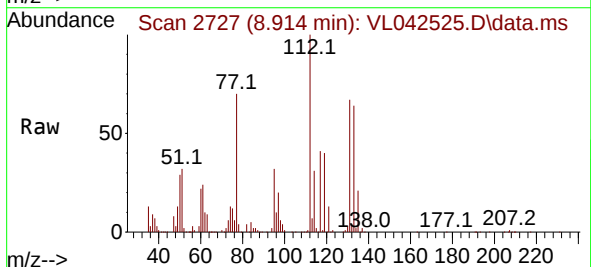
Tgt Ion:117 Resp: 299780
Ion Ratio Lower Upper
117 100
82 68.7 55.0 82.4
119 32.2 25.8 38.6

Manual Integrations
APPROVED

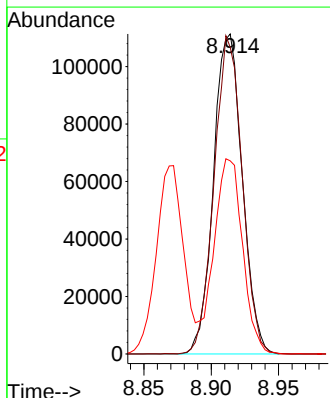
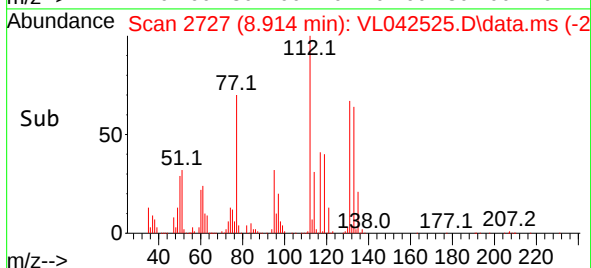
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

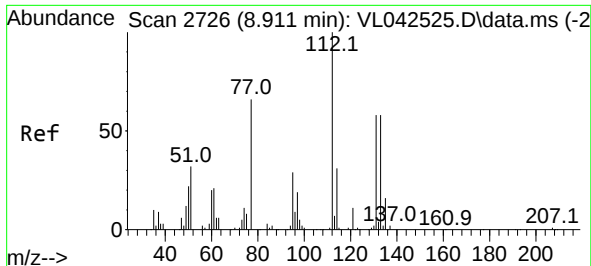


#56
1,1,1,2-Tetrachloroethane
Concen: 8.909 ppbv
RT: 8.914 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



Tgt Ion:131 Resp: 165589
Ion Ratio Lower Upper
131 100
133 96.8 77.4 116.2
119 59.8 49.0 73.4





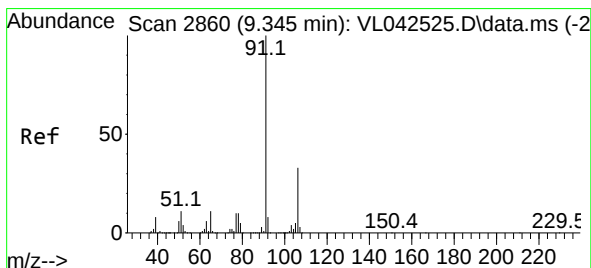
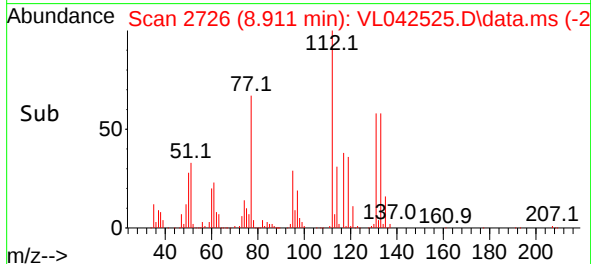
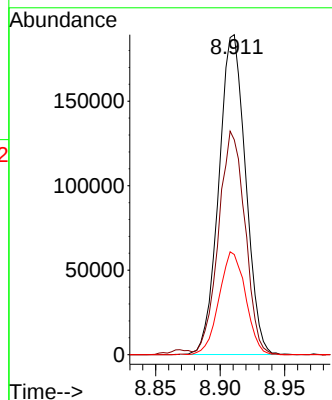
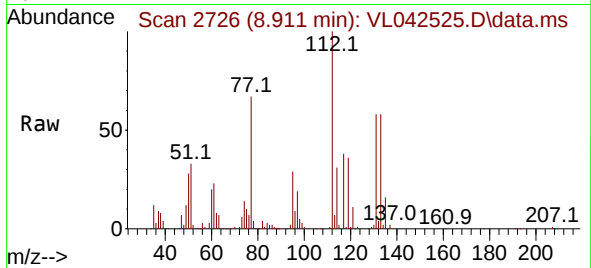
#57
Chlorobenzene
Concen: 9.077 ppbv
RT: 8.911 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 112 Resp: 273225
Ion Ratio Lower Upper
112 100
77 67.0 53.6 80.4
114 31.3 28.2 34.4

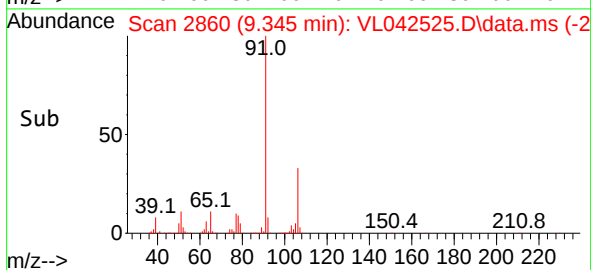
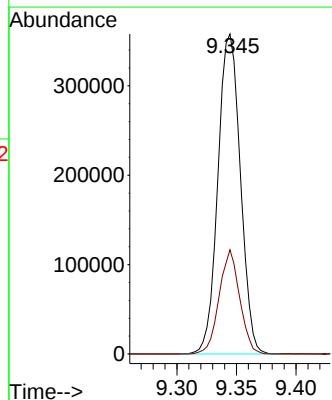
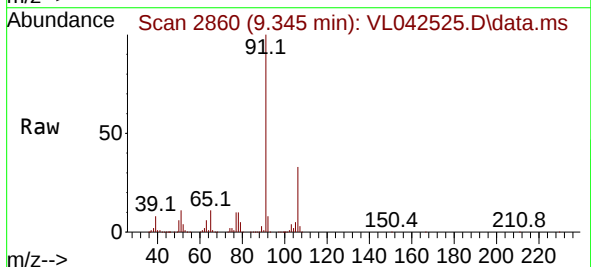
Manual Integrations
APPROVED

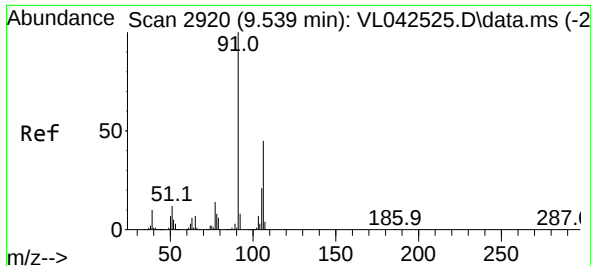
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#58
Ethyl Benzene
Concen: 11.466 ppbv
RT: 9.345 min Scan# 2860
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

Tgt Ion: 91 Resp: 468520
Ion Ratio Lower Upper
91 100
106 32.5 26.0 39.0





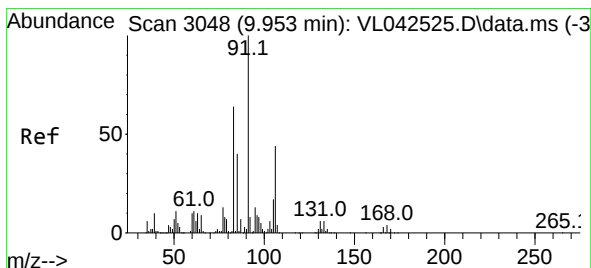
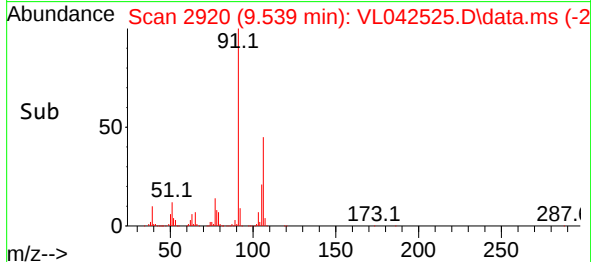
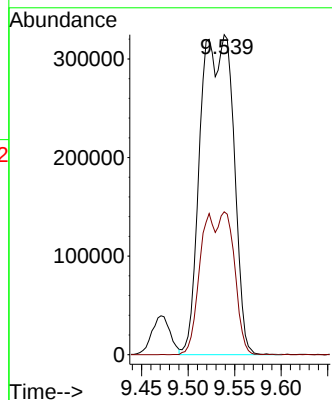
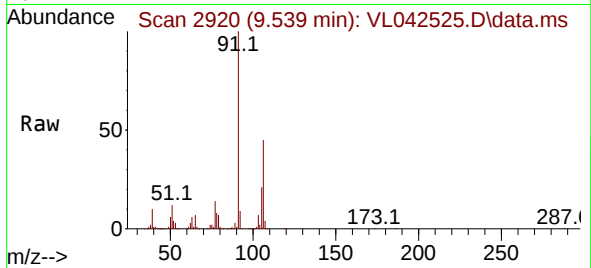
#59
m/p-Xylene
Concen: 22.134 ppbv m
RT: 9.539 min Scan# 2920
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 80456
Ion Ratio Lower Upper
91 100
106 44.3 0.0 0.0

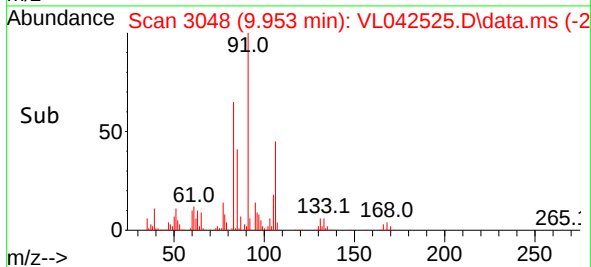
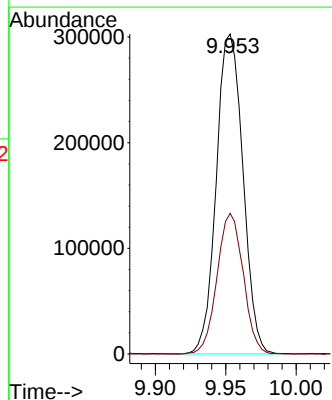
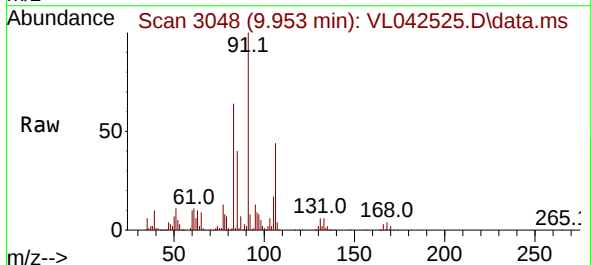
Manual Integrations
APPROVED

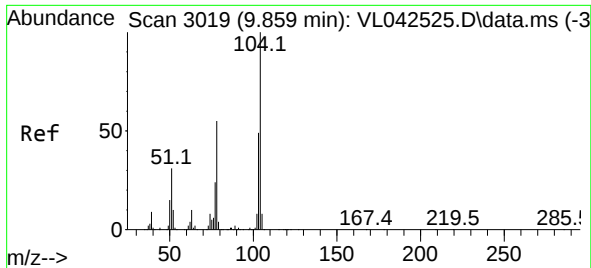
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#60
o-Xylene
Concen: 11.266 ppbv
RT: 9.953 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

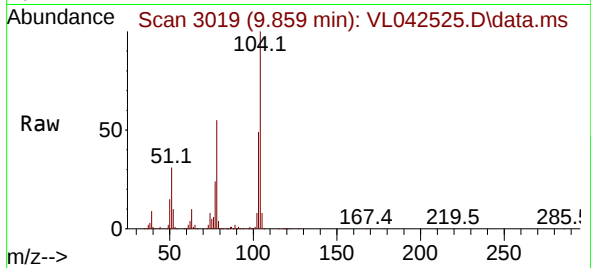
Tgt Ion: 91 Resp: 399046
Ion Ratio Lower Upper
91 100
106 43.1 21.6 64.6





#61
Styrene
Concen: 11.686 ppbv
RT: 9.859 min Scan# 3019
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

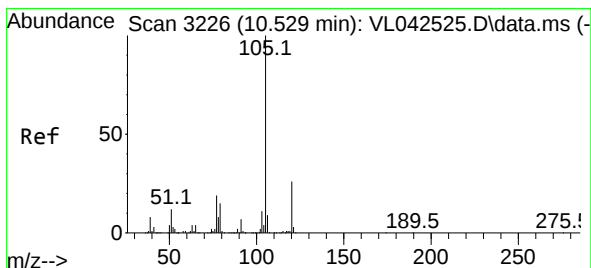
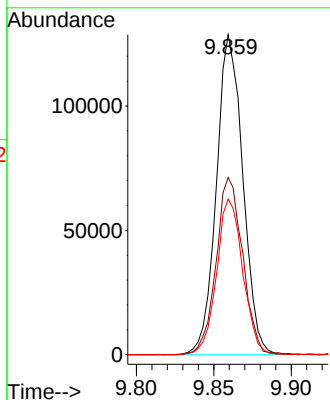
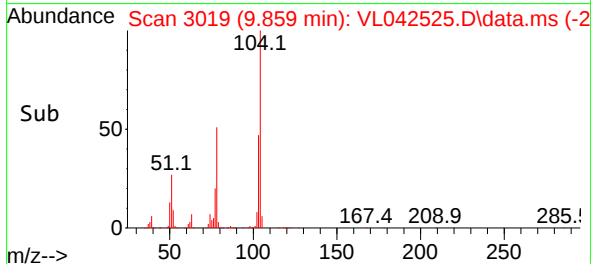
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



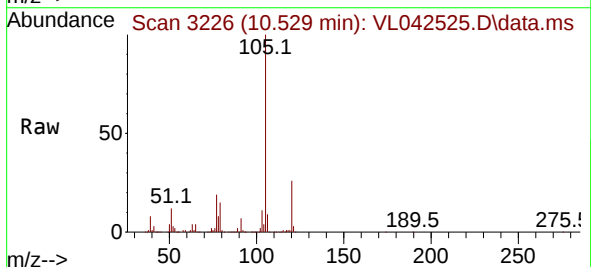
Tgt Ion:104 Resp: 152478
Ion Ratio Lower Upper
104 100
78 55.8 44.7 67.1
103 48.3 38.6 58.0

Manual Integrations
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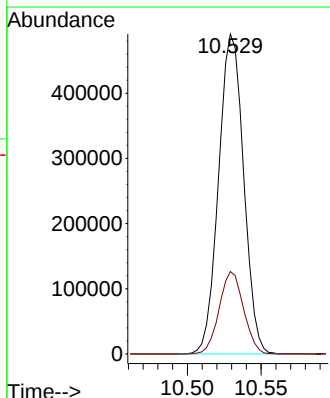
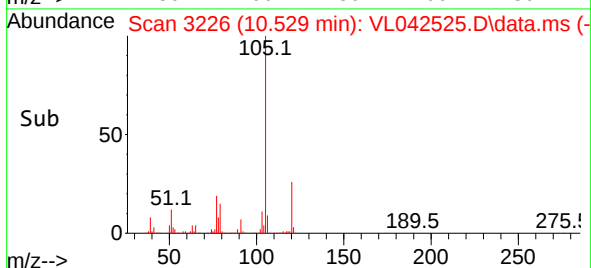
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

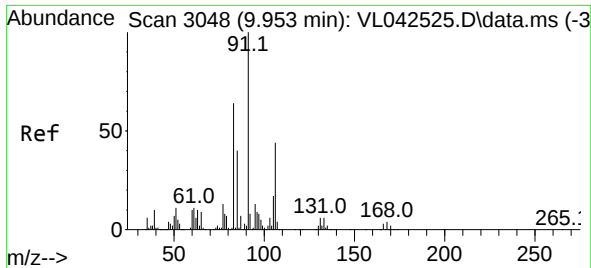


#62
Isopropylbenzene
Concen: 10.856 ppbv
RT: 10.529 min Scan# 3226
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



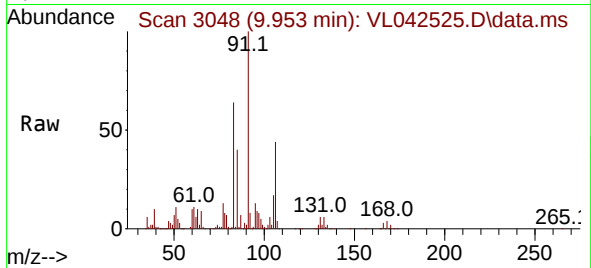
Tgt Ion:105 Resp: 579443
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1





#63
1,1,2,2-Tetrachloroethane
Concen: 8.666 ppbv
RT: 9.953 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

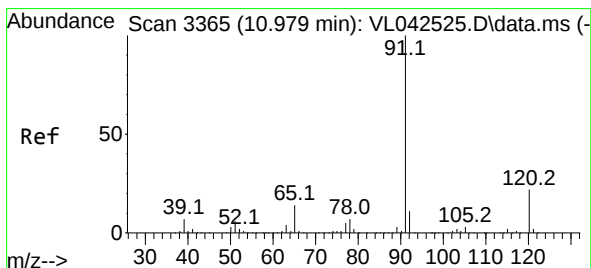
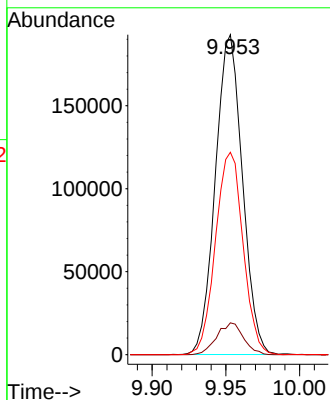
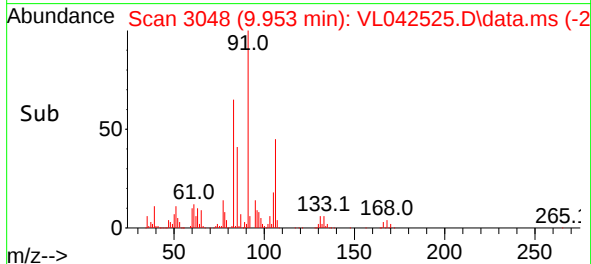
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



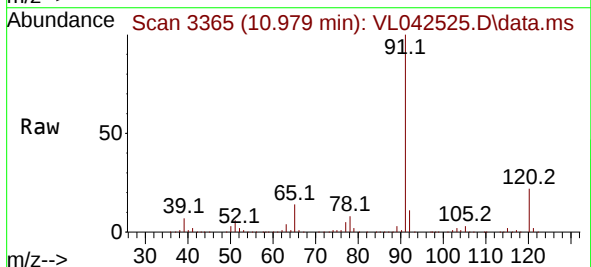
Tgt Ion: 83 Resp: 246197
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 64.5 32.3 96.8

Manual Integrations
APPROVED

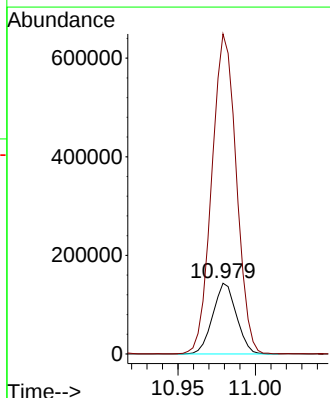
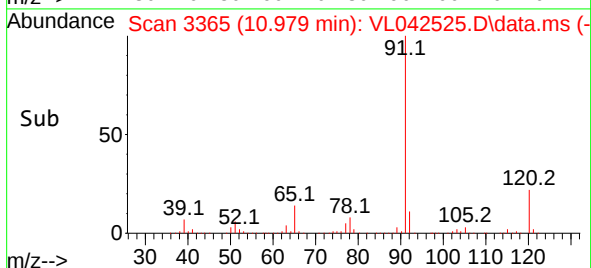
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

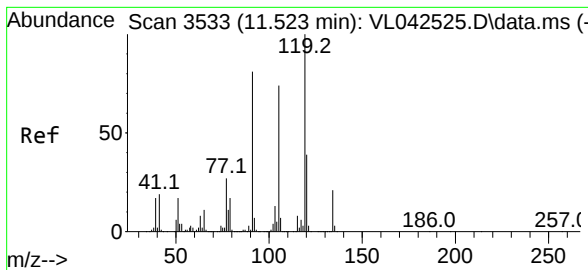


#64
n-propylbenzene
Concen: 11.231 ppbv
RT: 10.979 min Scan# 3365
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



Tgt Ion:120 Resp: 151897
Ion Ratio Lower Upper
120 100
91 472.0 377.7 566.5





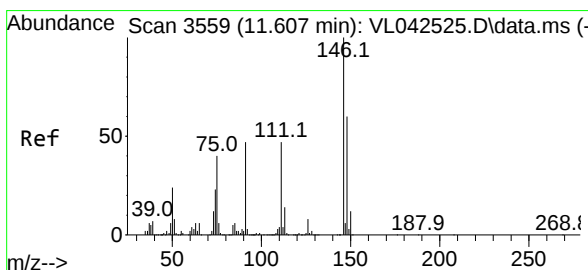
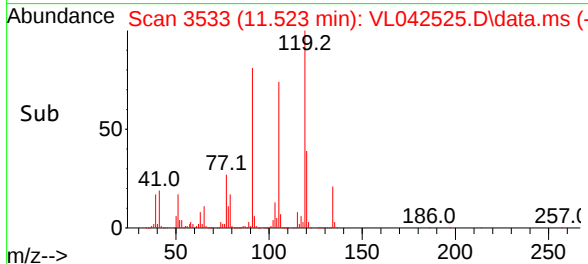
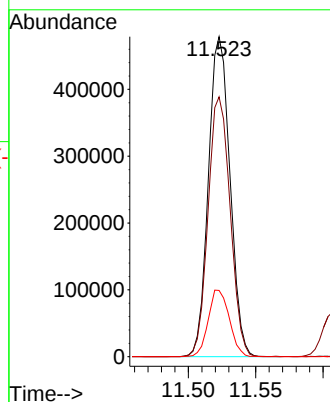
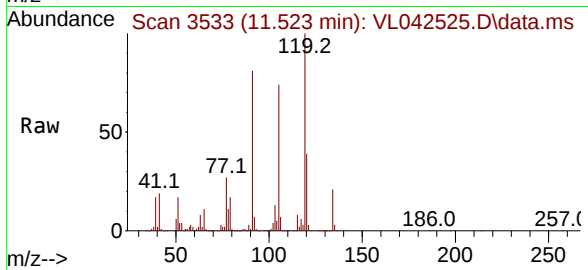
#65
tert-Butylbenzene
Concen: 10.884 ppbv
RT: 11.523 min Scan# 3533
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 119 Resp: 53345
Ion Ratio Lower Upper
119 100
91 83.2 66.6 99.8
134 20.4 16.3 24.5

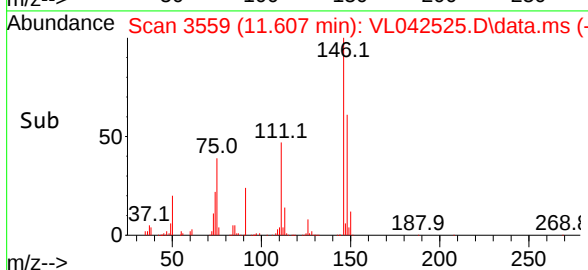
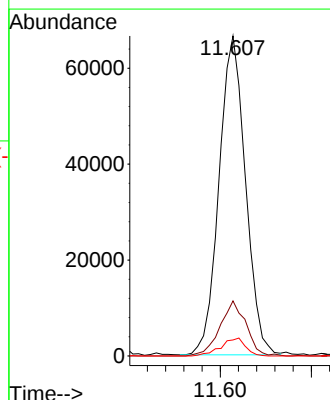
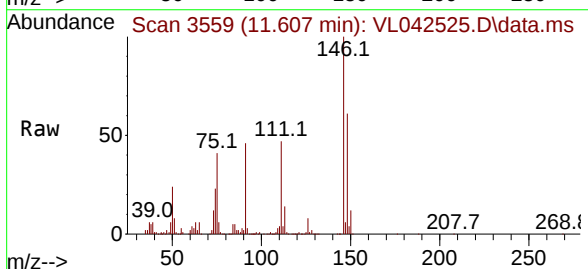
Manual Integrations
APPROVED

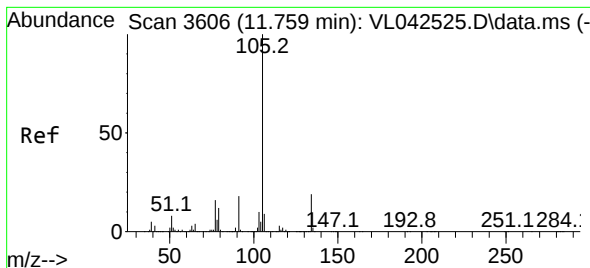
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#66
Benzyl Chloride
Concen: 10.331 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

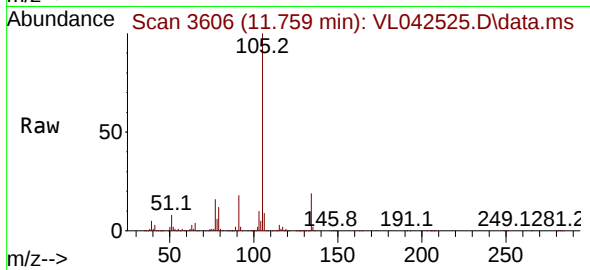
Tgt Ion: 91 Resp: 66999
Ion Ratio Lower Upper
91 100
126 17.1 13.7 20.5
128 5.2 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 10.586 ppbv
 RT: 11.759 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

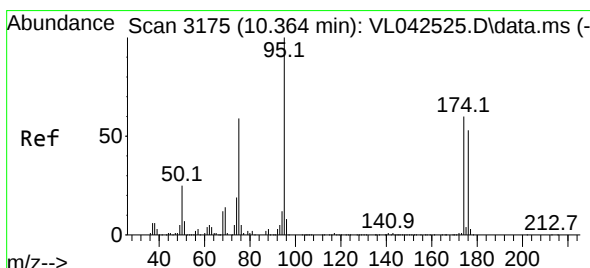
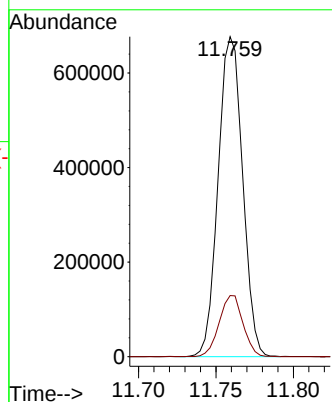
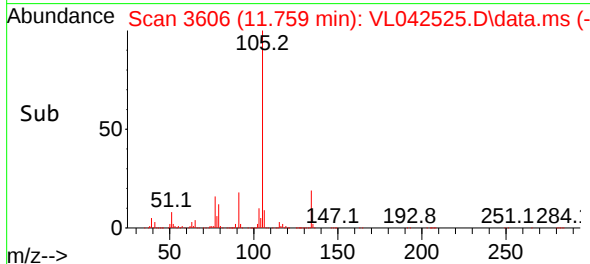
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



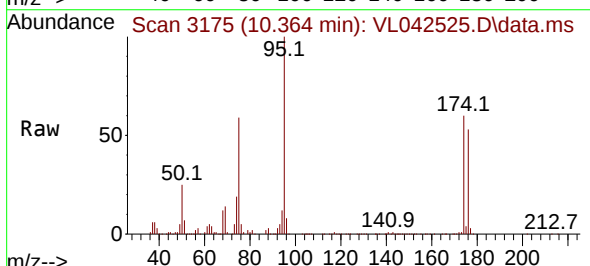
Tgt Ion:105 Resp: 743908
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.9 22.3

Manual Integrations
 APPROVED

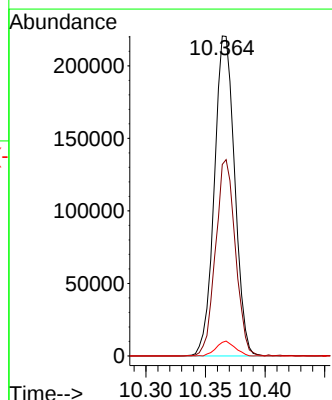
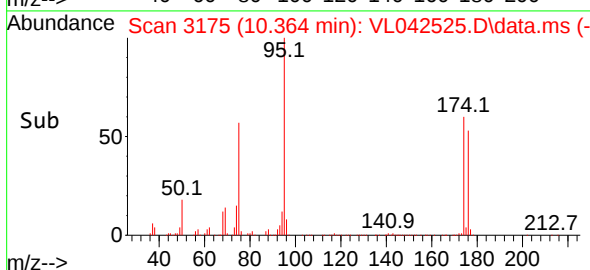
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

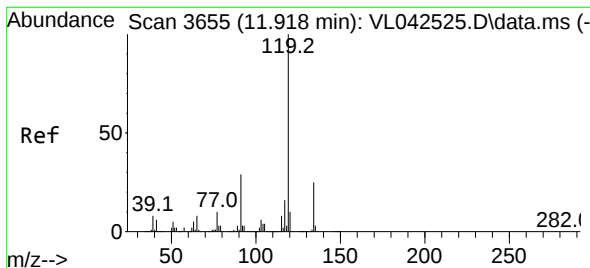


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.029 ppbv
 RT: 10.364 min Scan# 3175
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57



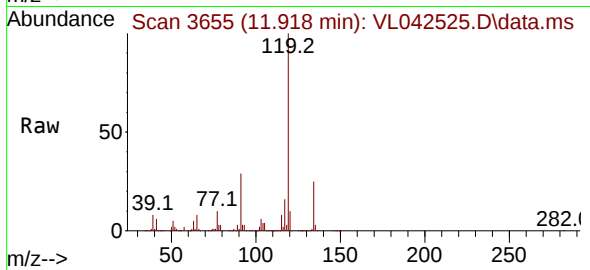
Tgt Ion: 95 Resp: 261594
 Ion Ratio Lower Upper
 95 100
 174 60.1 48.0 72.0
 175 4.4 3.5 5.3





#69
p-Isopropyltoluene
Concen: 11.163 ppbv
RT: 11.918 min Scan# 3655
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

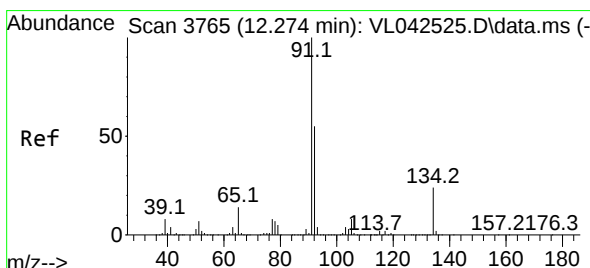
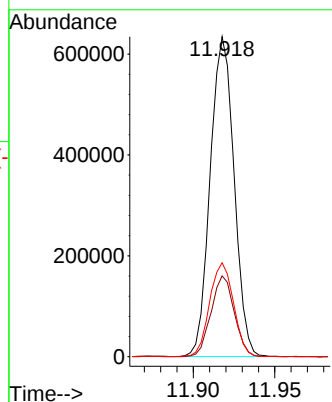
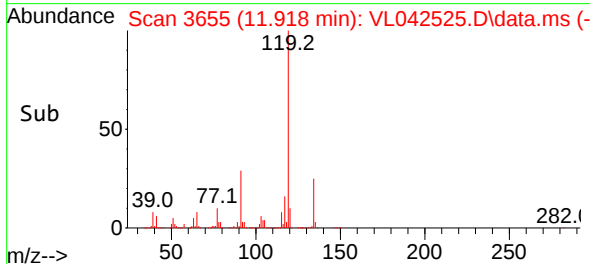
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



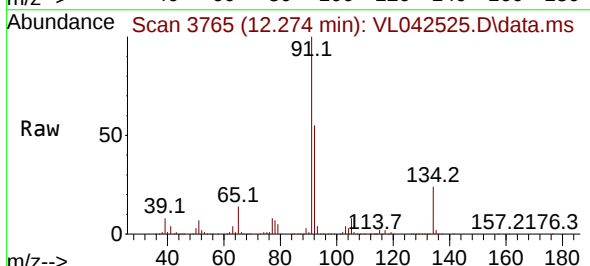
Tgt Ion:119 Resp: 644900
Ion Ratio Lower Upper
119 100
134 24.7 19.8 29.6
91 29.5 23.6 35.4

Manual Integrations
APPROVED

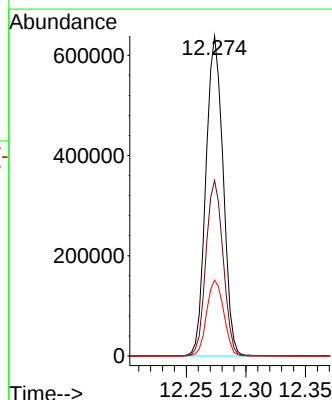
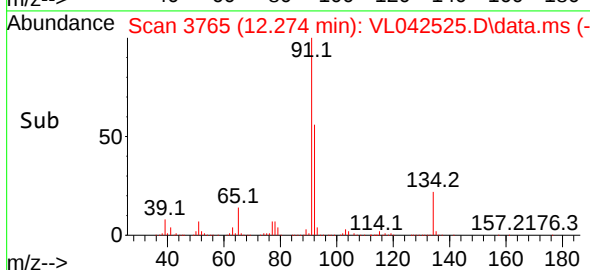
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

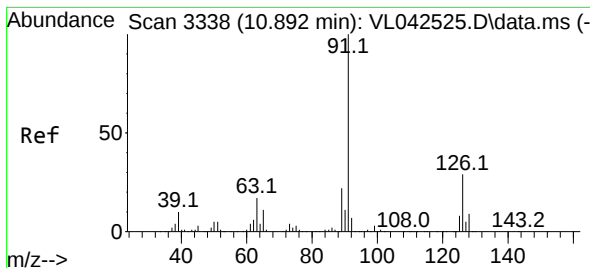


#70
n-Butylbenzene
Concen: 11.219 ppbv
RT: 12.274 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



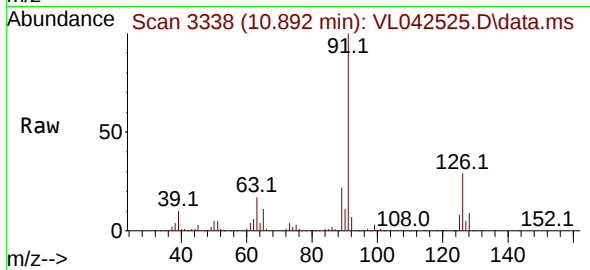
Tgt Ion: 91 Resp: 640472
Ion Ratio Lower Upper
91 100
92 54.6 43.7 65.5
134 23.6 18.9 28.3





#71
2-Chlorotoluene
Concen: 11.047 ppbv
RT: 10.892 min Scan# 3338
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

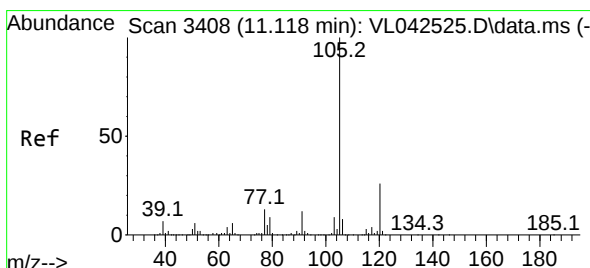
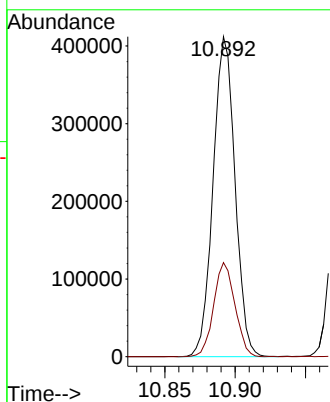
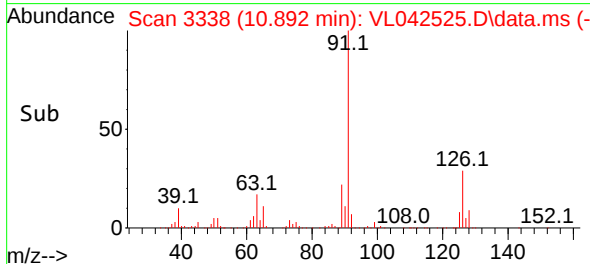
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



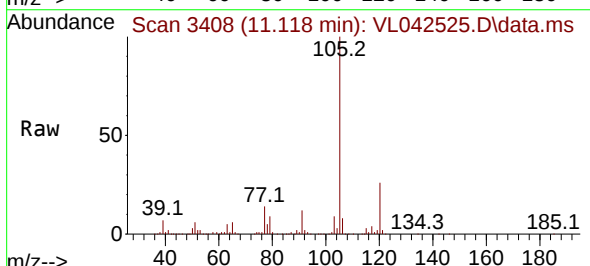
Tgt Ion: 91 Resp: 44646
Ion Ratio Lower Upper
91 100
126 28.5 11.4 45.6

Manual Integrations
APPROVED

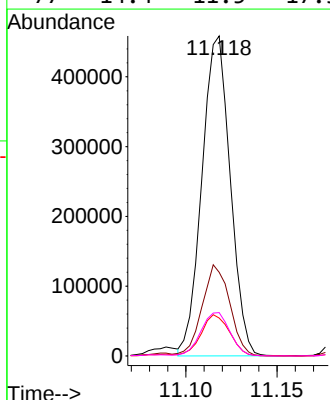
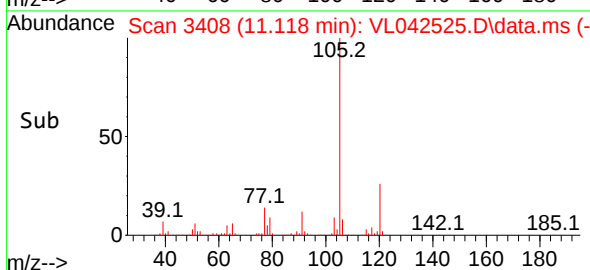
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

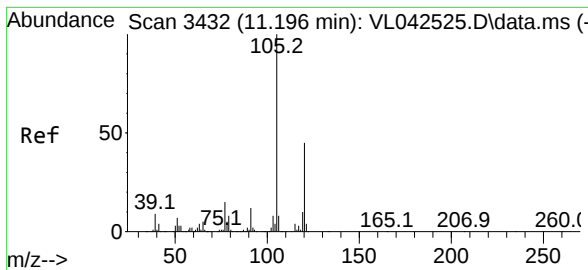


#72
4-Ethyltoluene
Concen: 11.285 ppbv
RT: 11.118 min Scan# 3408
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



Tgt Ion:105 Resp: 496120
Ion Ratio Lower Upper
105 100
120 28.6 22.9 34.3
91 13.6 10.9 16.3
77 14.4 11.5 17.3





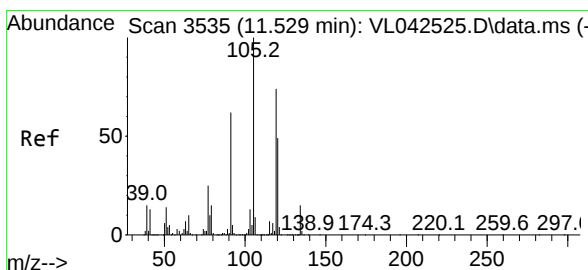
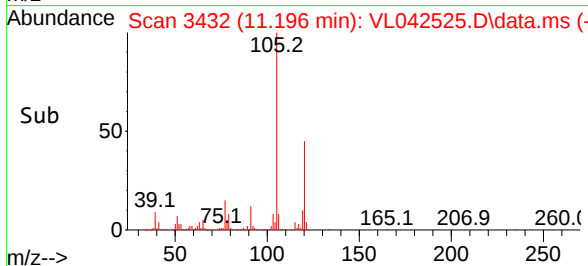
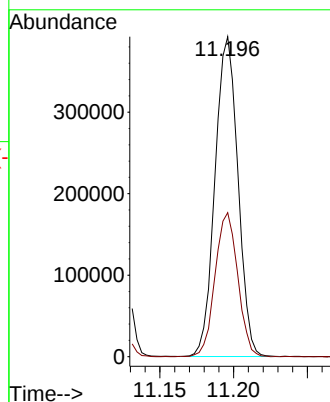
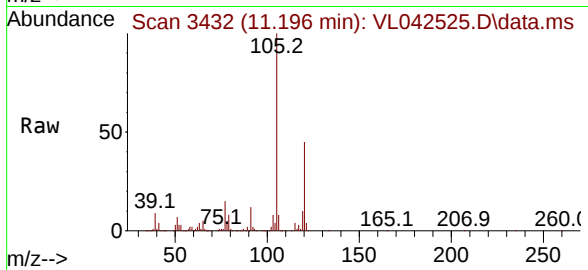
#73
 1,3,5-Trimethylbenzene
 Concen: 11.076 ppbv
 RT: 11.196 min Scan# 3432
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:105 Resp: 424133
 Ion Ratio Lower Upper
 105 100
 120 45.0 36.0 54.0

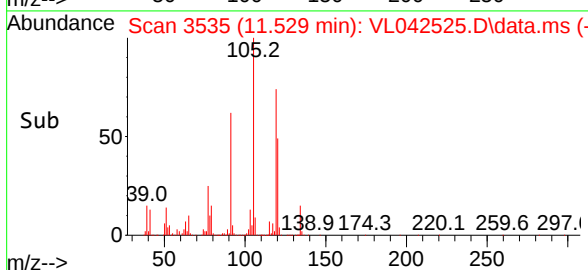
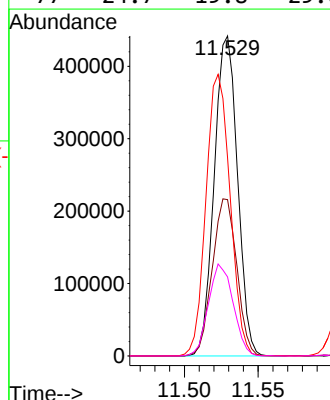
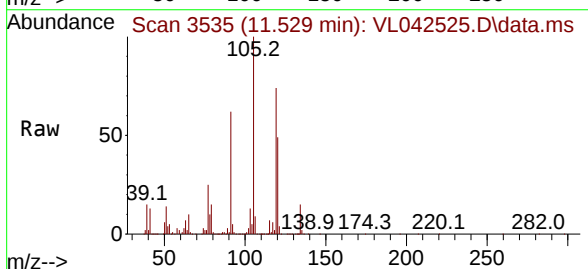
Manual Integrations
 APPROVED

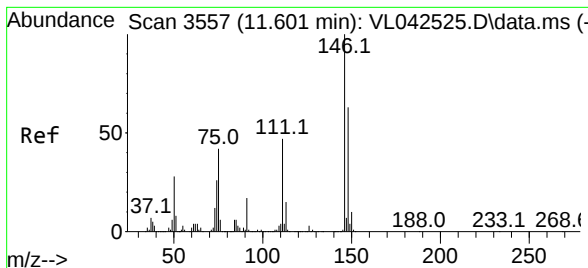
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#74
 1,2,4-Trimethylbenzene
 Concen: 10.313 ppbv
 RT: 11.529 min Scan# 3535
 Delta R.T. 0.000 min
 Lab File: VL042525.D
 Acq: 12 May 2025 08:57

Tgt Ion:105 Resp: 485862
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.0 58.6
 91 61.8 49.4 74.2
 77 24.7 19.8 29.6





#75

1,3-Dichlorobenzene

Concen: 9.681 ppbv

RT: 11.601 min Scan# 3557

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA_L

ClientSampleId :

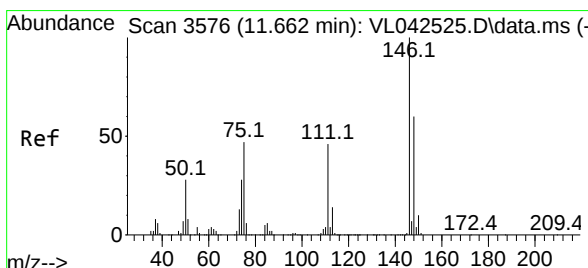
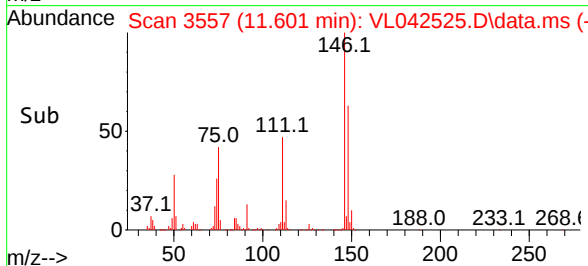
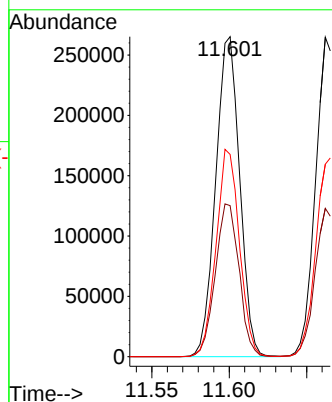
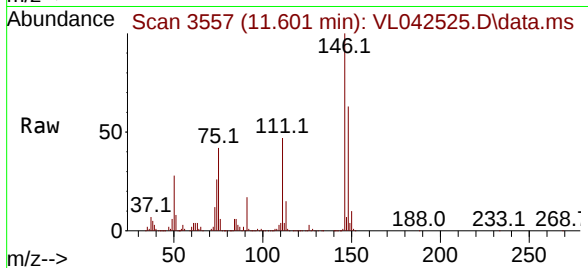
VSTDICCC010

Tgt Ion:	146	Resp:	285664
Ion Ratio	Lower	Upper	
146	100		
111	47.3	23.6	71.0
148	63.2	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#76

1,4-Dichlorobenzene

Concen: 9.936 ppbv

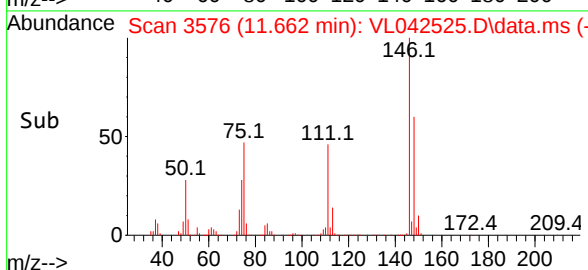
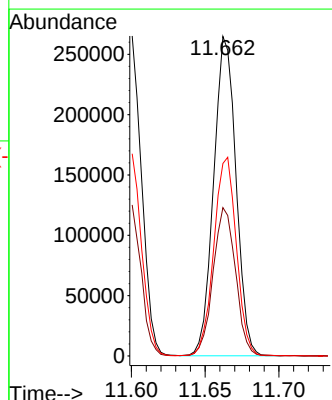
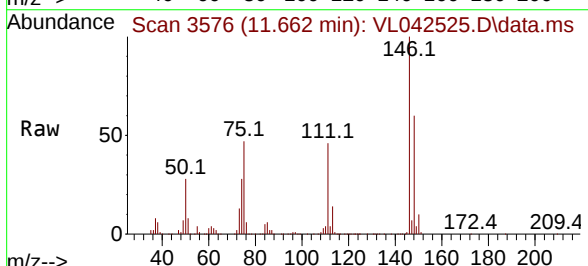
RT: 11.662 min Scan# 3576

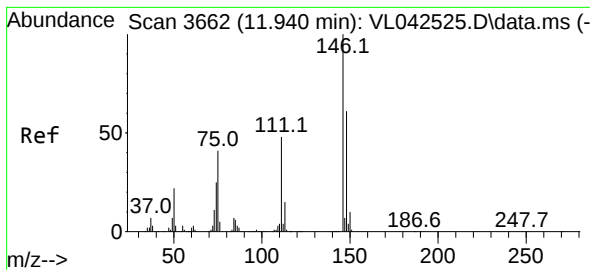
Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Tgt Ion:	146	Resp:	278935
Ion Ratio	Lower	Upper	
146	100		
111	46.9	23.4	70.3
148	63.1	31.6	94.7





#77

1,2-Dichlorobenzene

Concen: 8.976 ppbv

RT: 11.940 min Scan# 3662

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 273570

Ion Ratio Lower Upper

146 100

111 49.8 24.9 74.8

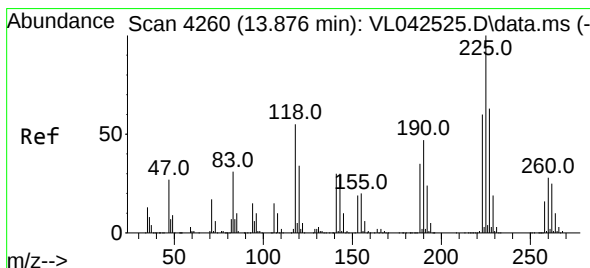
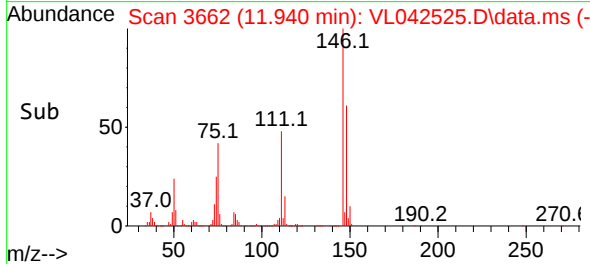
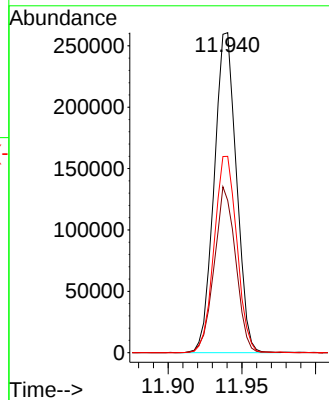
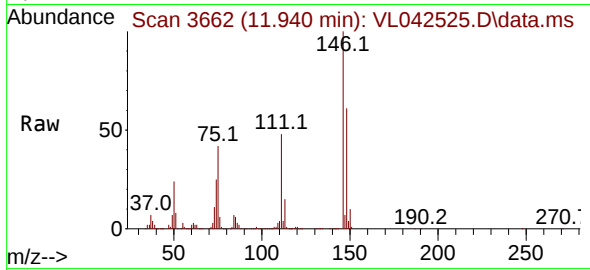
148 62.8 31.4 94.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.408 ppbv

RT: 13.876 min Scan# 4260

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

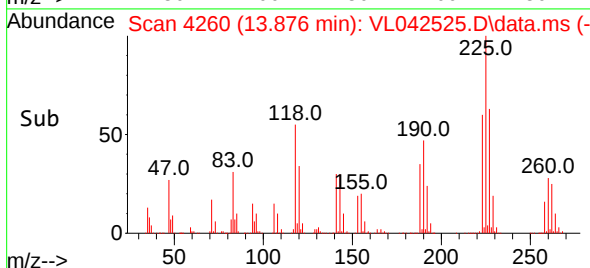
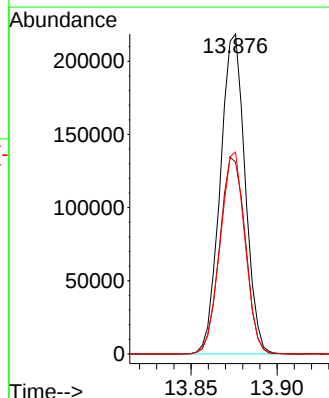
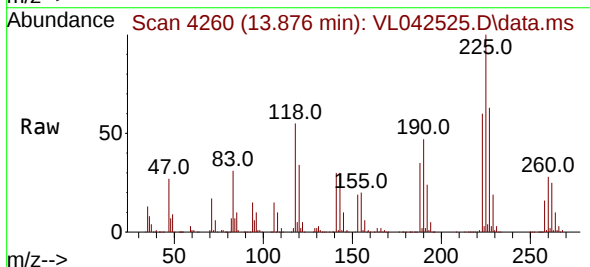
Tgt Ion:225 Resp: 219741

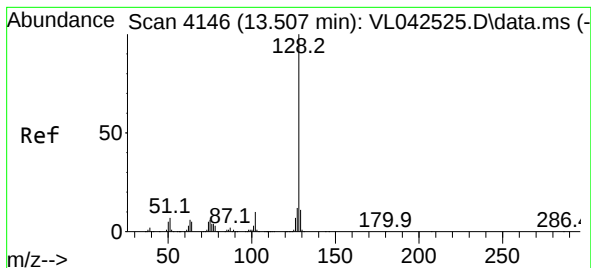
Ion Ratio Lower Upper

225 100

223 63.5 50.8 76.2

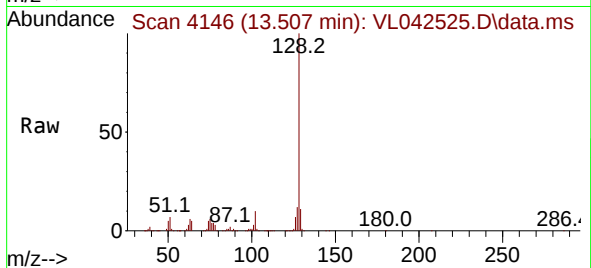
227 63.1 50.5 75.7





#79
Naphthalene
Concen: 12.661 ppbv
RT: 13.507 min Scan# 4146
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57

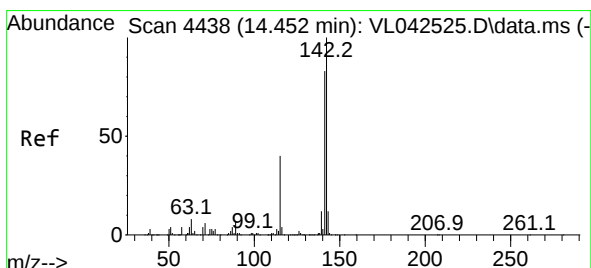
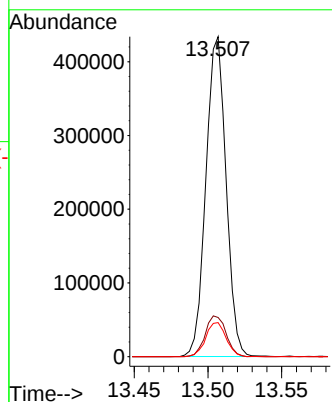
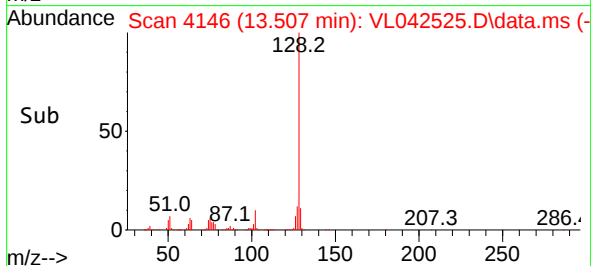
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



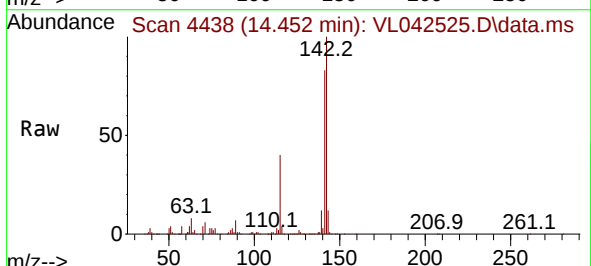
Tgt Ion:128 Resp: 41183
Ion Ratio Lower Upper
128 100
127 12.3 9.8 14.8
129 10.7 8.6 12.8

Manual Integrations
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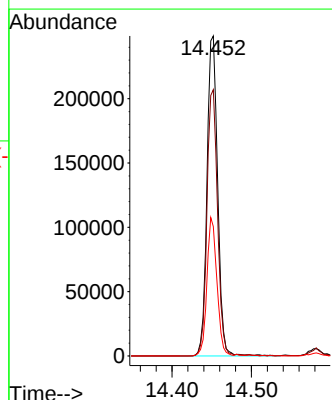
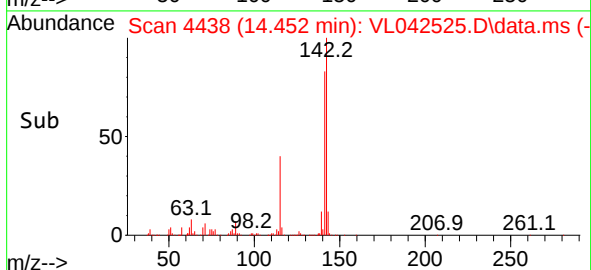
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

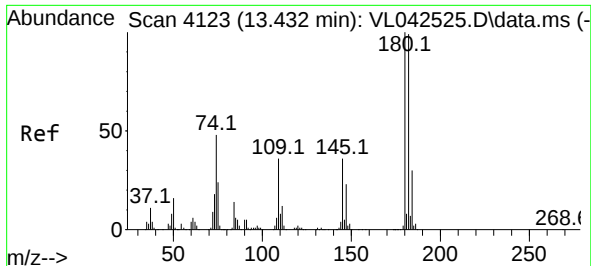


#80
Naphthalene,2-methyl-
Concen: 12.289 ppbv
RT: 14.452 min Scan# 4438
Delta R.T. 0.000 min
Lab File: VL042525.D
Acq: 12 May 2025 08:57



Tgt Ion:142 Resp: 232576
Ion Ratio Lower Upper
142 100
141 83.5 66.8 100.2
115 40.9 33.0 49.6





#81

1,2,4-Trichlorobenzene

Concen: 10.955 ppbv

RT: 13.432 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042525.D

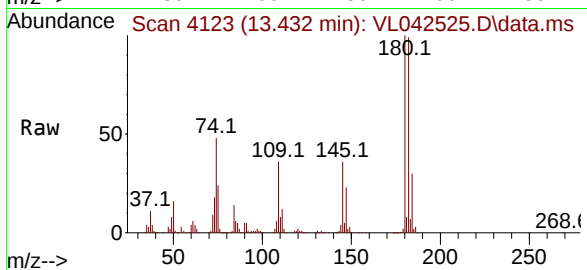
Acq: 12 May 2025 08:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 21756

Ion Ratio Lower Upper

180 100

182 95.9 76.6 114.8

184 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025

