

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051225\
 Data File : VL042534.D
 Acq On : 12 May 2025 16:10
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL051225

Manual Integrations
 APPROVED

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

Quant Time: May 13 02:12:03 2025

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

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

QLast Update : Tue May 13 02:07:03 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	104793	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	308722	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	276426	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 237168 9.861 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	169352	9.952	ppbv	99
3) Chlorodifluoromethane	1.473	51	179743	10.365	ppbv	99
4) Chloromethane	1.528	50	67307	9.691	ppbv	99
5) Vinyl Chloride	1.577	62	65875	9.270	ppbv	98
6) Bromomethane	1.664	94	33010	9.781	ppbv	96
7) Chloroethane	1.700	64	25071	8.935	ppbv	98
8) Dichlorotetrafluoroethane	1.551	85	141921	9.693	ppbv	99
9) Propene	1.479	41	37590m	9.995	ppbv	
10) Heptane	4.972	43	176857	12.306	ppbv	98
11) Trichlorofluoromethane	1.871	101	160862	9.828	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.133	101	130708	9.942	ppbv	98
13) Ethanol	1.716	45	7859	7.769	ppbv	97
14) Bromoethene	1.777	108	49763	10.383	ppbv	97
15) Acetone	1.832	43	140624	8.325	ppbv	99
16) 1,3-Butadiene	1.606	39	74698	9.920	ppbv	98
17) tert-Butyl alcohol	2.036	59	160597	10.379	ppbv	99
18) 1,1-Dichloroethene	2.030	96	57778	10.028	ppbv	93
19) Isopropyl Alcohol	1.881	45	91861	10.098	ppbv	100
20) Methylene Chloride	2.056	84	50836	8.718	ppbv	97
21) Allyl Chloride	2.091	41	113385	10.227	ppbv	97
22) trans-1,2-Dichloroethene	2.334	96	66384	9.849	ppbv	96
23) Vinyl Acetate	2.457	43	181814	10.371	ppbv #	97
24) 1,1-Dichloroethane	2.402	63	129353	9.919	ppbv	99
25) Ethyl Acetate	2.832	43	335010	11.394	ppbv	99
26) Hexane	2.819	57	145797	12.078	ppbv	98
27) Carbon Disulfide	2.146	76	159609	10.243	ppbv	98
28) Methyl tert-Butyl Ether	2.434	73	71357	10.640	ppbv	98
29) Chloroform	2.842	83	248251	9.916	ppbv	100
30) Cyclohexane	3.849	84	125731	12.687	ppbv	98
31) cis-1,2-Dichloroethene	2.716	61	156337	11.469	ppbv	96
32) 1,1,1-Trichloroethane	3.363	97	260615	10.089	ppbv	99
34) 2-Butanone	2.554	43	215548	10.593	ppbv	99
35) Carbon Tetrachloride	3.755	117	275996	9.944	ppbv	99
36) Benzene	3.648	78	302608	11.060	ppbv	95
37) 1,2-Dichloroethane	3.211	62	197759	10.133	ppbv	99
38) Trichloroethene	4.541	130	124443	10.461	ppbv	92
39) 1,2-Dichloropropane	4.308	63	105794	10.381	ppbv	94
40) 1,4-Dioxane	4.577	88	46856	11.326	ppbv #	98
41) Tetrahydrofuran	3.049	42	108235	12.288	ppbv	98
42) Bromodichloromethane	4.480	83	269411	10.344	ppbv	96
43) Methyl Methacrylate	4.875	69	115023	12.553	ppbv	99
44) 2,2,4-Trimethylpentane	4.629	57	488308	11.264	ppbv	99
45) t-1,3-Dichloropropene	6.406	75	145771	12.452	ppbv	100

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Manual Integrations
 APPROVED

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

Quant Time: May 13 02:12:03 2025

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

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

QLast Update : Tue May 13 02:07:03 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	173741	12.337	ppbv	89
47) 1,1,2-Trichloroethane	6.574	97	122312	10.192	ppbv	95
48) Dibromochloromethane	7.380	129	213991	10.680	ppbv	99
49) Bromoform	9.480	173	179114	10.893	ppbv	99
50) 4-Methyl-2-Pentanone	5.742	43	283584	11.865	ppbv	100
51) 2-Hexanone	7.428	43	234324	13.181	ppbv #	98
52) Tetrachloroethene	8.218	164	108772	10.391	ppbv	92
53) Toluene	6.927	91	336112	12.519	ppbv	99
54) 1,2-Dibromoethane	7.645	107	185157	10.565	ppbv	93
56) 1,1,1,2-Tetrachloroethane	8.920	131	160912	9.389	ppbv	100
57) Chlorobenzene	8.917	112	274500	9.890	ppbv	94
58) Ethyl Benzene	9.351	91	487590	12.941	ppbv	92
59) m/p-Xylene	9.529	91	803149m	24.002	ppbv	
60) o-Xylene	9.959	91	408333	12.495	ppbv	98
61) Styrene	9.866	104	166262	13.737	ppbv	99
62) Isopropylbenzene	10.536	105	589527	11.978	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.959	83	244748	9.228	ppbv	100
64) n-propylbenzene	10.985	120	149858	11.993	ppbv	96
65) tert-Butylbenzene	11.529	119	540642	11.963	ppbv	96
66) Benzyl Chloride	11.610	91	78976	13.151	ppbv	95
67) sec-Butylbenzene	11.765	105	731113	11.283	ppbv	100
69) p-Isopropyltoluene	11.924	119	635040	11.921	ppbv	99
70) n-Butylbenzene	12.277	91	641756	12.192	ppbv	99
71) 2-Chlorotoluene	10.898	91	460416	12.354	ppbv	100
72) 4-Ethyltoluene	11.121	105	504066	12.435	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	420393	11.906	ppbv	97
74) 1,2,4-Trimethylbenzene	11.532	105	477131	10.983	ppbv	91
75) 1,3-Dichlorobenzene	11.604	146	285094	10.479	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	280324	10.829	ppbv	99
77) 1,2-Dichlorobenzene	11.943	146	269510	9.590	ppbv	100
78) Hexachloro-1,3-Butadiene	13.879	225	223250	9.265	ppbv	99
79) Naphthalene	13.510	128	452623	15.035	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	312897	18.008	ppbv	98
81) 1,2,4-Trichlorobenzene	13.436	180	241524	13.190	ppbv	98

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

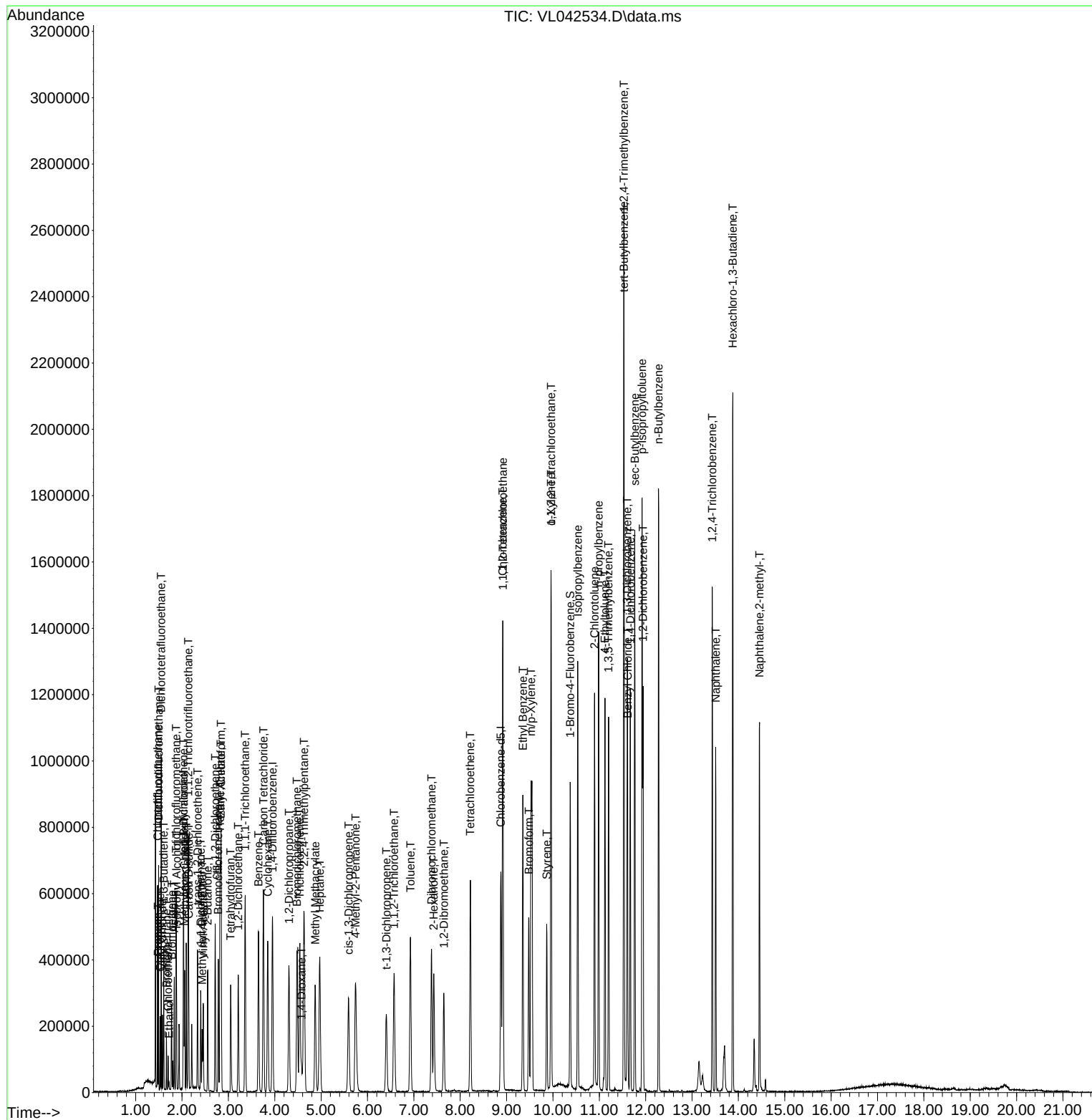
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051225\
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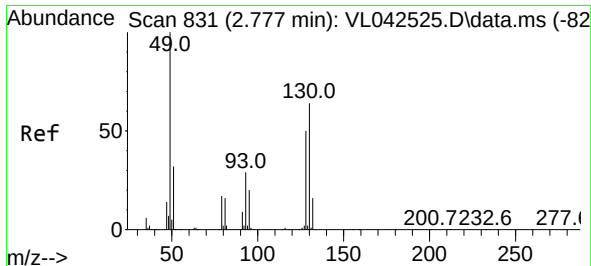
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225

Manual Integrations
APPROVED

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

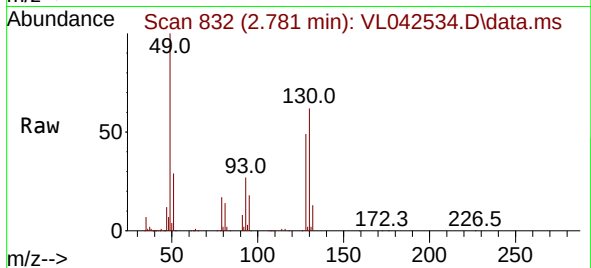
Quant Time: May 13 02:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue May 13 02:07:03 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

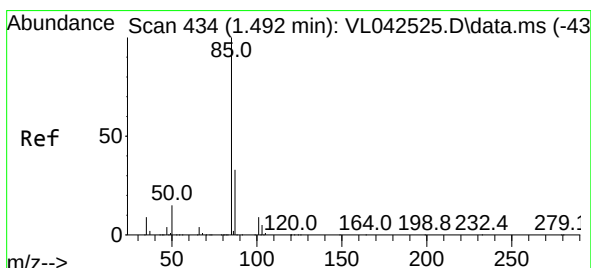
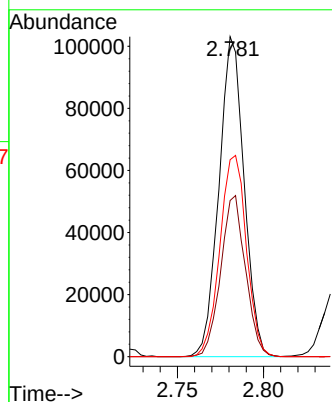
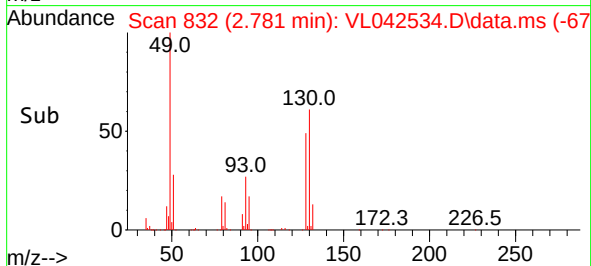
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



Tgt Ion: 49 Resp: 10479
Ion Ratio Lower Upper
49 100
128 49.6 24.9 74.6
130 66.3 32.5 97.5

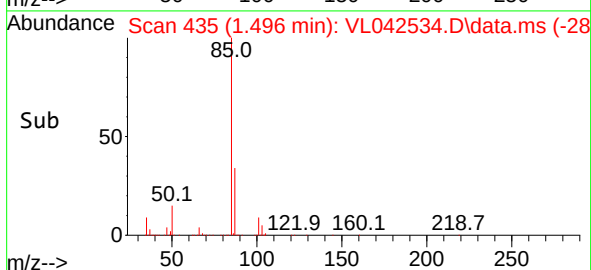
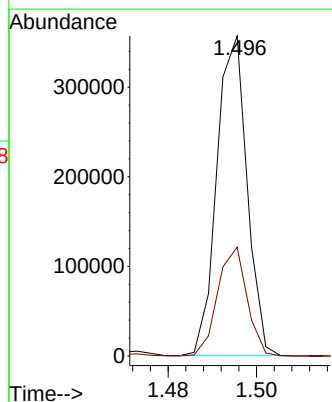
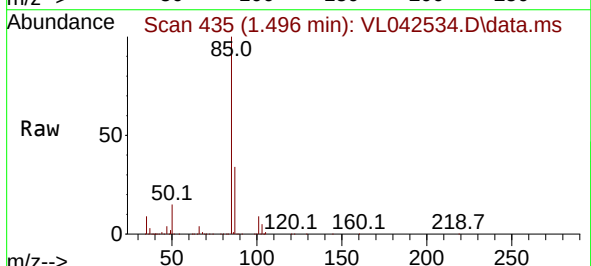
Manual Integrations
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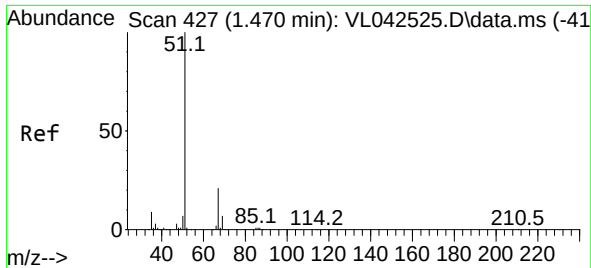
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#2
Dichlorodifluoromethane
Concen: 9.952 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Tgt Ion: 85 Resp: 169352
Ion Ratio Lower Upper
85 100
87 34.0 26.8 40.2





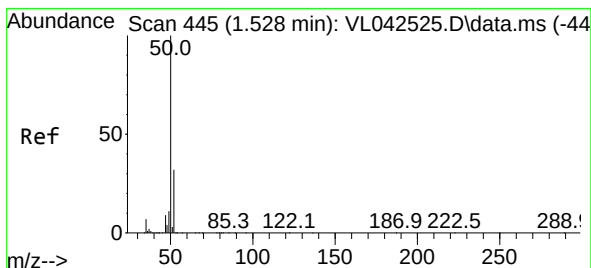
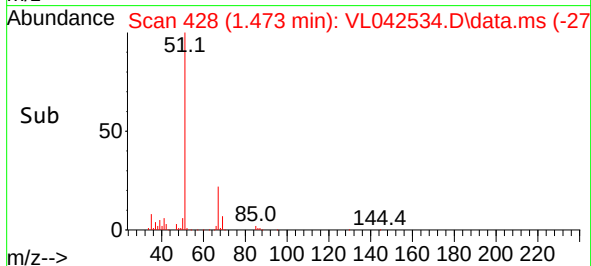
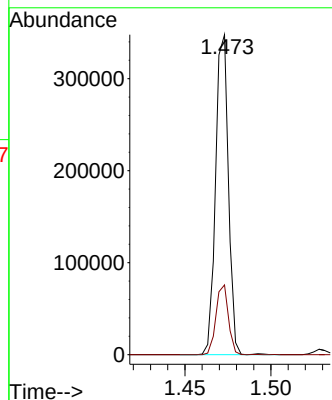
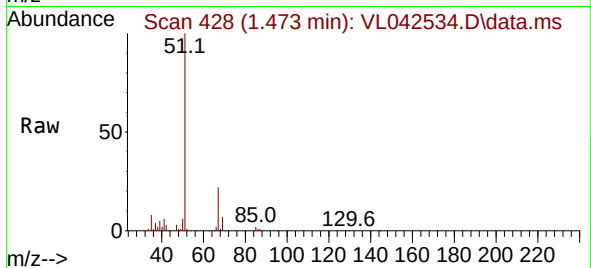
#3
Chlorodifluoromethane
Concen: 10.365 ppbv
RT: 1.473 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225

Tgt Ion: 51 Resp: 17974
Ion Ratio Lower Upper
51 100
67 21.1 17.4 26.0

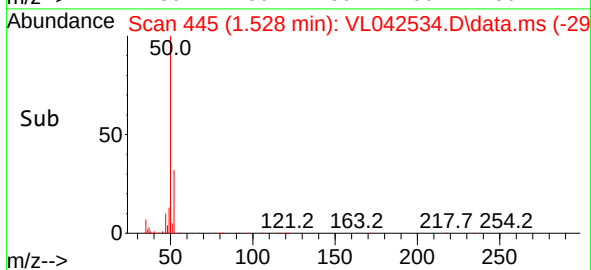
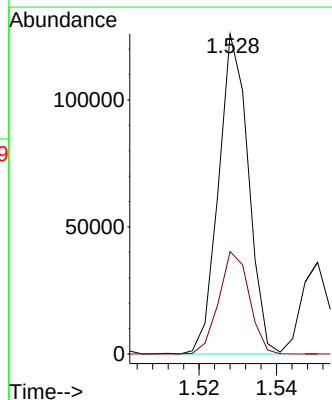
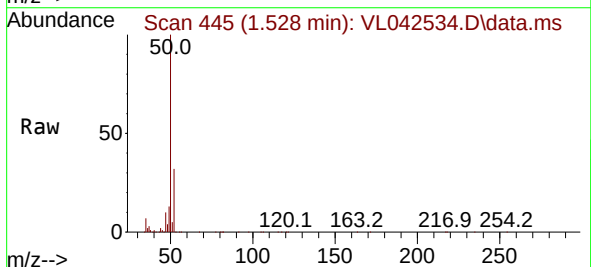
Manual Integrations
APPROVED

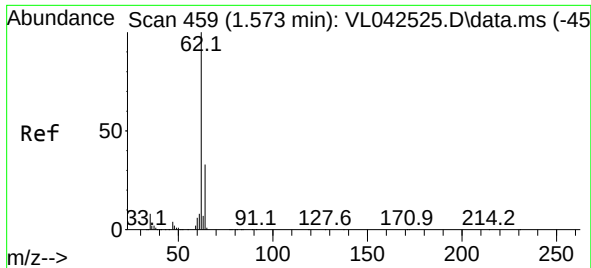
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#4
Chloromethane
Concen: 9.691 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.000 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

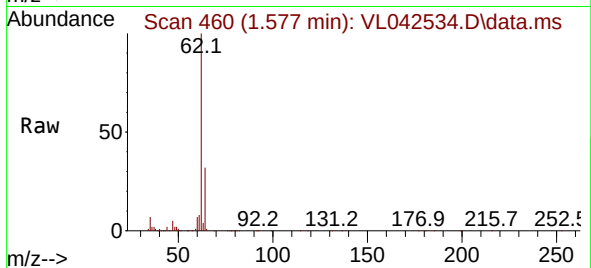
Tgt Ion: 50 Resp: 67307
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.270 ppbv
 RT: 1.577 min Scan# 459
 Delta R.T. 0.003 min
 Lab File: VL042534.D
 Acq: 12 May 2025 16:10

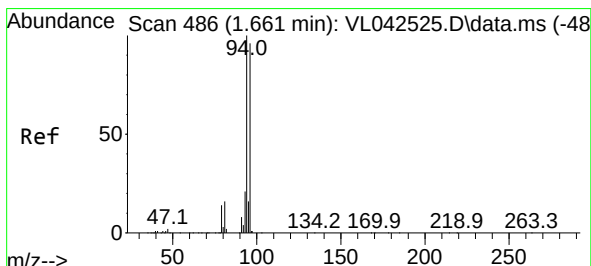
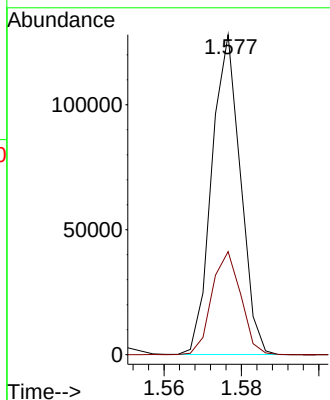
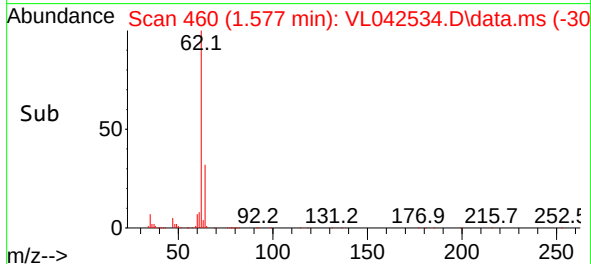
Instrument :
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 ClientSampleId :
 ICVVL051225



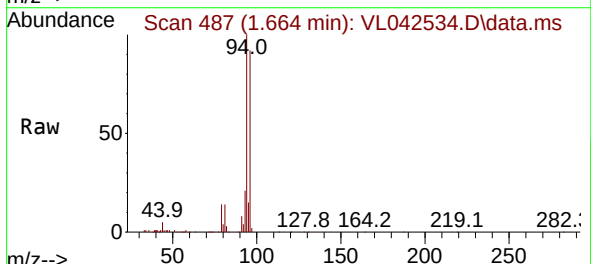
Tgt Ion: 62 Resp: 65875
 Ion Ratio Lower Upper
 62 100
 64 32.2 26.5 39.7

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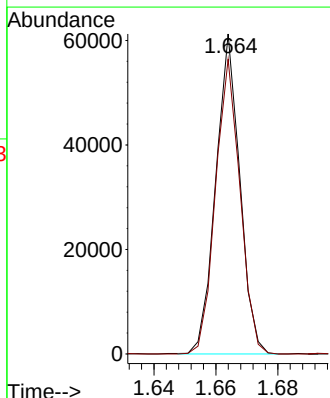
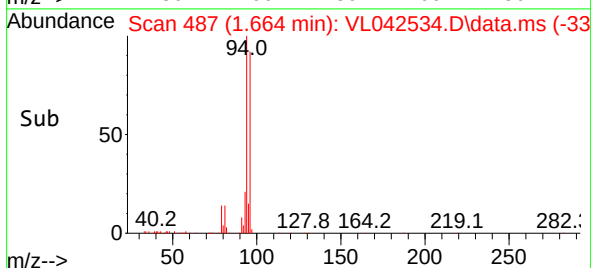
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

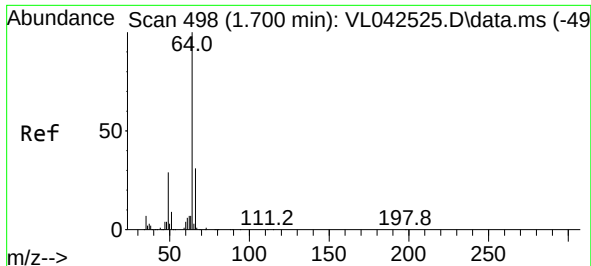


#6
 Bromomethane
 Concen: 9.781 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. 0.003 min
 Lab File: VL042534.D
 Acq: 12 May 2025 16:10



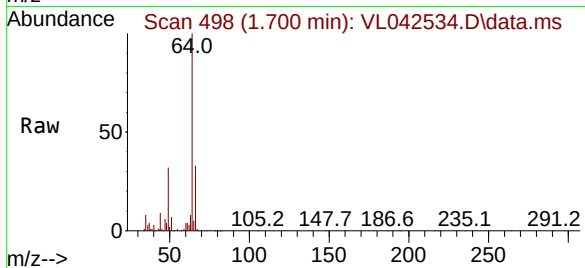
Tgt Ion: 94 Resp: 33010
 Ion Ratio Lower Upper
 94 100
 96 92.1 76.9 115.3





#7
Chloroethane
Concen: 8.935 ppbv
RT: 1.700 min Scan# 498
Delta R.T. -0.000 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

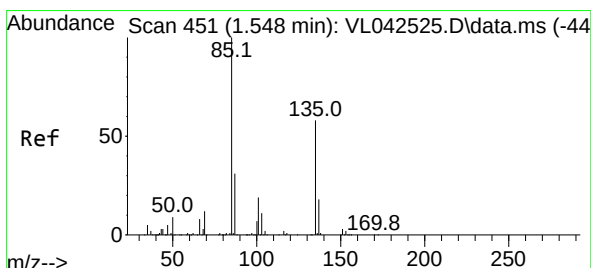
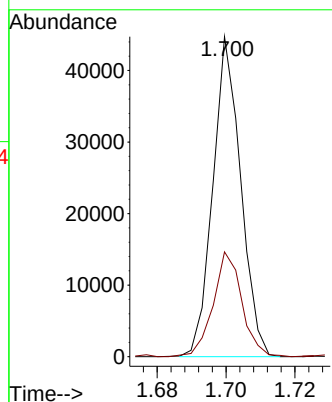
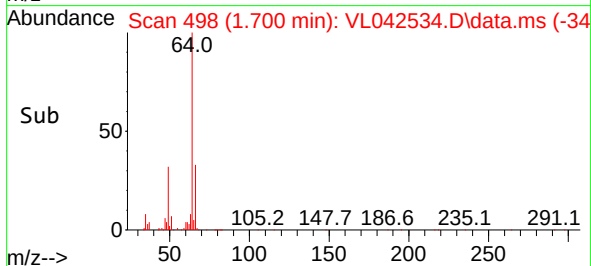
Instrument :
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ClientSampleId :
ICVVL051225



Tgt Ion: 64 Resp: 2507
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7

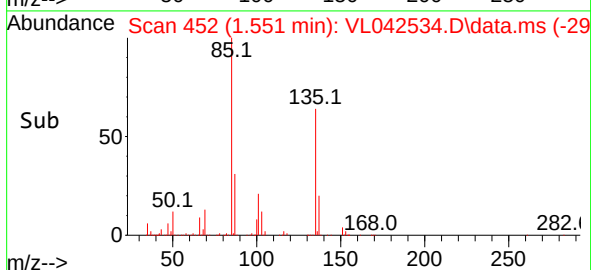
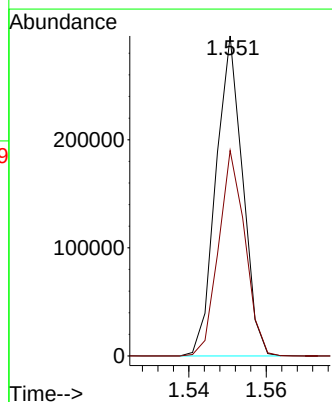
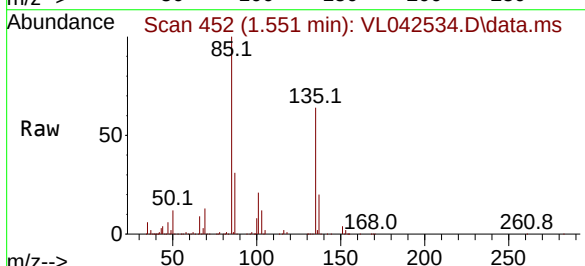
Manual Integrations
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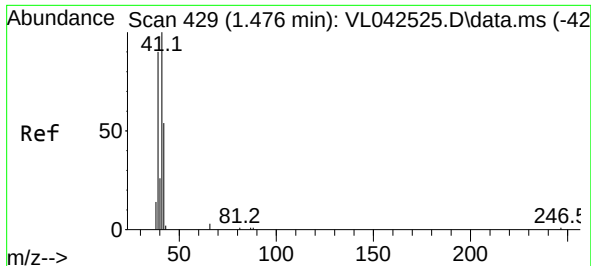
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#8
Dichlorotetrafluoroethane
Concen: 9.693 ppbv
RT: 1.551 min Scan# 452
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

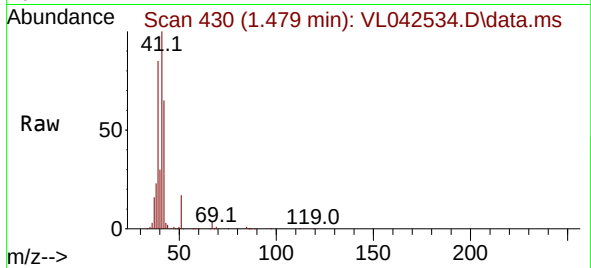
Tgt Ion: 85 Resp: 141921
Ion Ratio Lower Upper
85 100
135 63.7 51.8 77.8





#9
Propene
Concen: 9.995 ppbv m
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

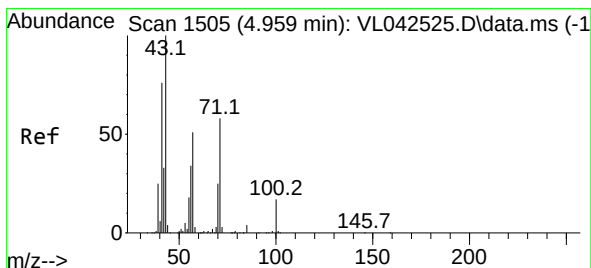
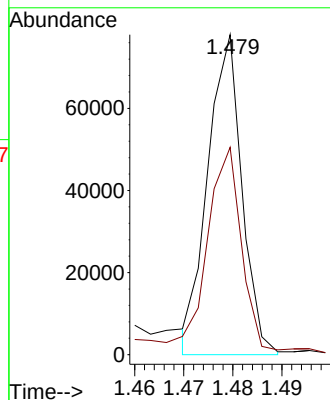
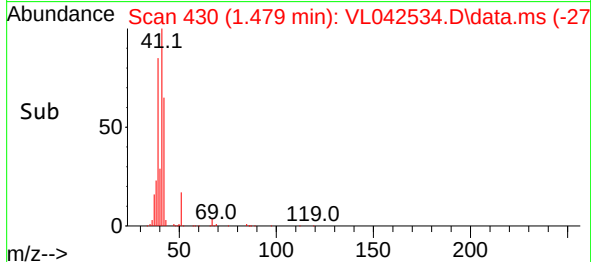
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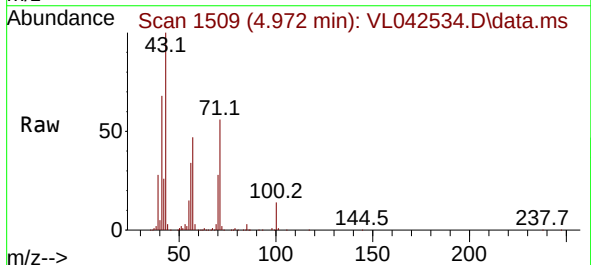
Tgt Ion: 41 Resp: 37590
Ion Ratio Lower Upper
41 100
42 7.2 4.1 6.1

Manual Integrations
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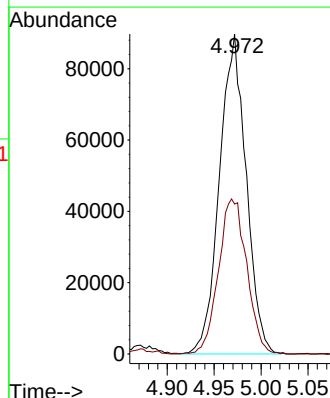
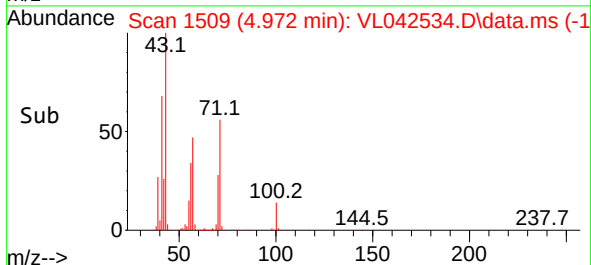
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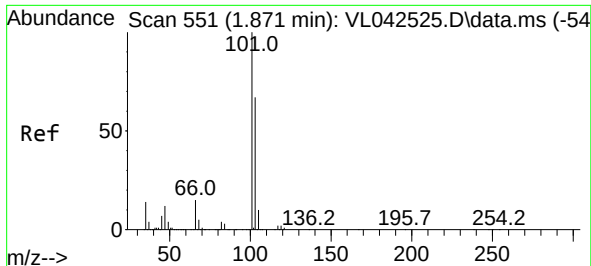


#10
Heptane
Concen: 12.306 ppbv
RT: 4.972 min Scan# 1509
Delta R.T. 0.013 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



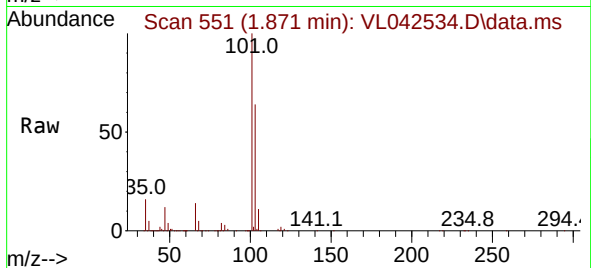
Tgt Ion: 43 Resp: 176857
Ion Ratio Lower Upper
43 100
57 51.4 42.1 63.1





#11
 Trichlorofluoromethane
 Concen: 9.828 ppbv
 RT: 1.871 min Scan# 551
 Delta R.T. -0.000 min
 Lab File: VL042534.D
 Acq: 12 May 2025 16:10

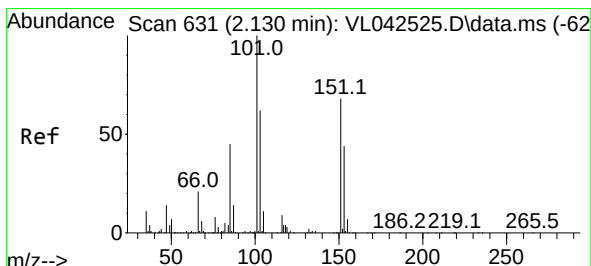
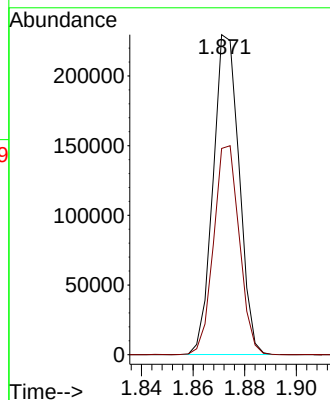
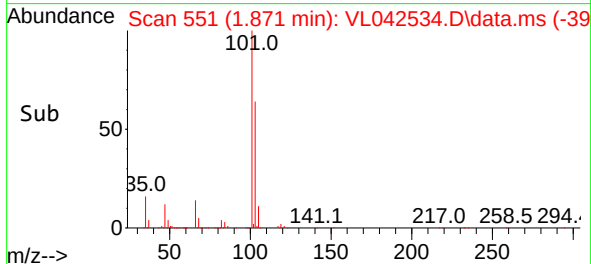
Instrument : MSVOA_L
 ClientSampleId : ICVVL051225



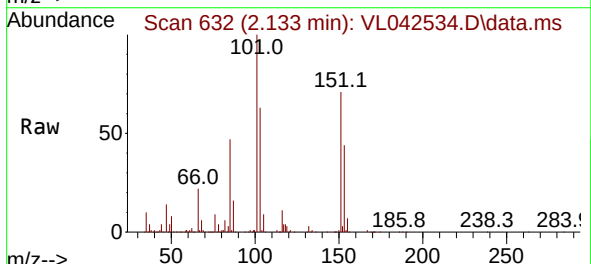
Tgt Ion:101 Resp: 160862
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.8 80.6

Manual Integrations
 APPROVED

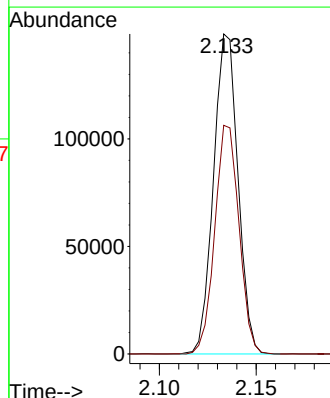
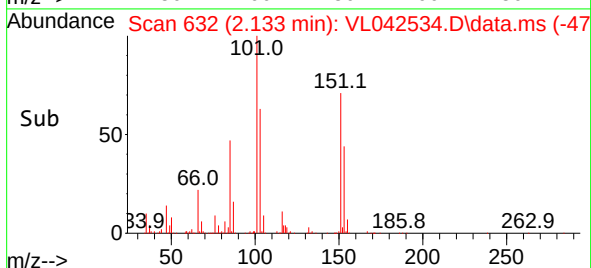
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

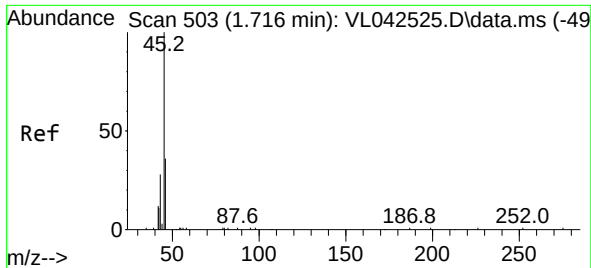


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.942 ppbv
 RT: 2.133 min Scan# 632
 Delta R.T. 0.003 min
 Lab File: VL042534.D
 Acq: 12 May 2025 16:10



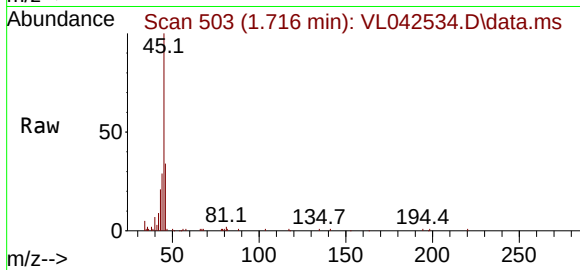
Tgt Ion:101 Resp: 130708
 Ion Ratio Lower Upper
 101 100
 151 70.7 57.8 86.8





#13
Ethanol
Concen: 7.769 ppbv
RT: 1.716 min Scan# 503
Delta R.T. -0.000 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

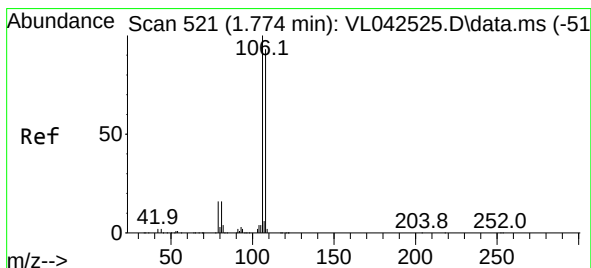
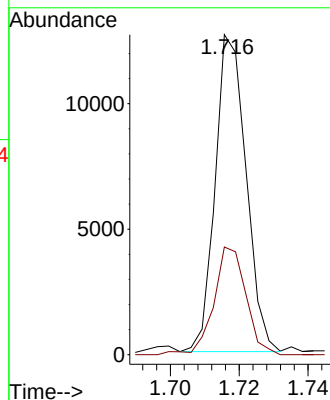
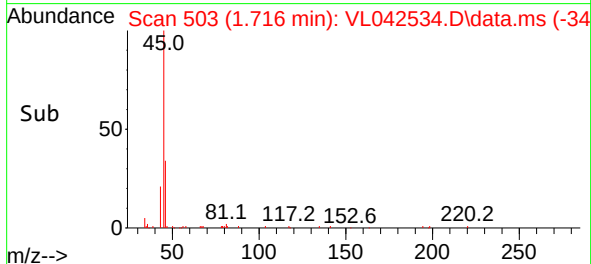
Instrument : MSVOA_L
ClientSampleId : ICVVL051225



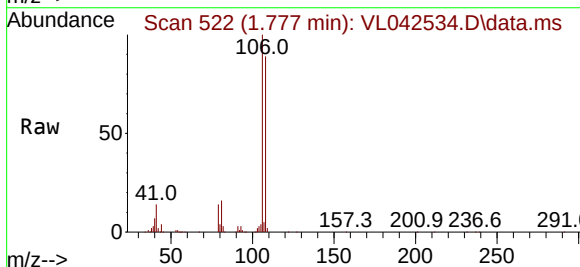
Tgt Ion: 45 Resp: 7859
Ion Ratio Lower Upper
45 100
46 35.4 14.8 59.4

Manual Integrations
APPROVED

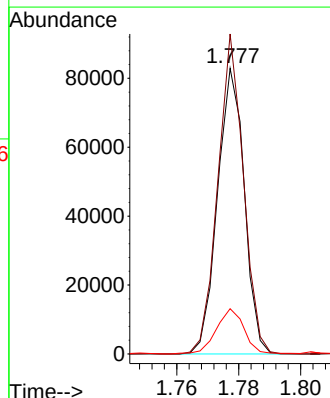
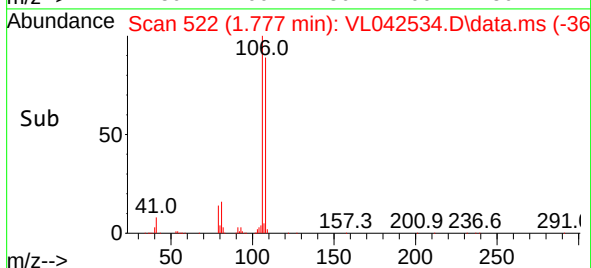
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

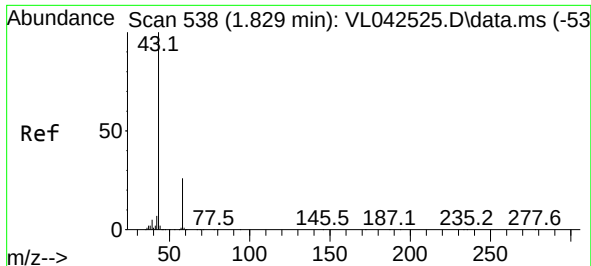


#14
Bromoethene
Concen: 10.383 ppbv
RT: 1.777 min Scan# 522
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



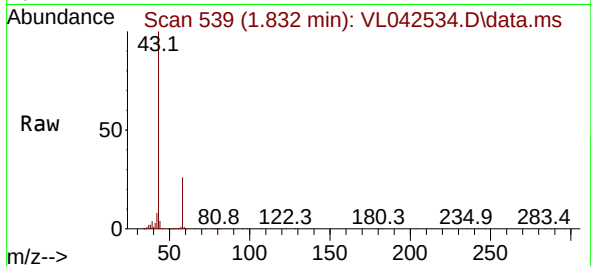
Tgt Ion:108 Resp: 49763
Ion Ratio Lower Upper
108 100
106 106.9 87.4 131.2
79 16.0 15.1 22.7





#15
Acetone
Concen: 8.325 ppbv
RT: 1.832 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

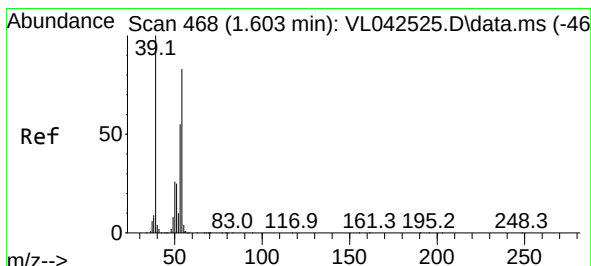
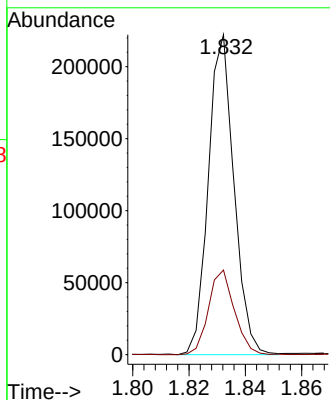
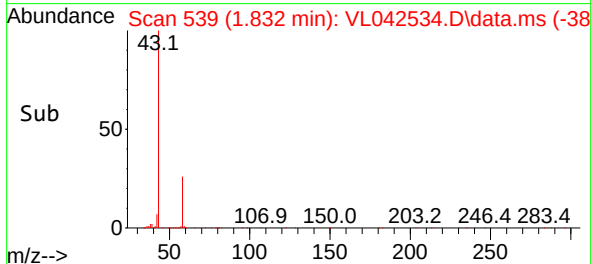
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



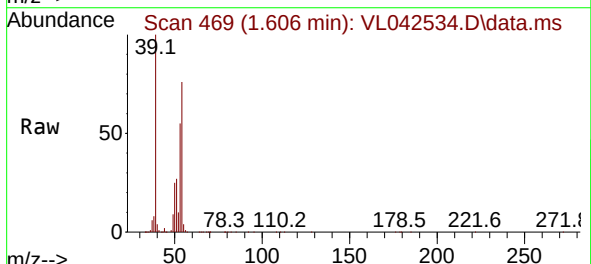
Tgt Ion: 43 Resp: 140624
Ion Ratio Lower Upper
43 100
58 26.9 21.3 31.9

Manual Integrations
APPROVED

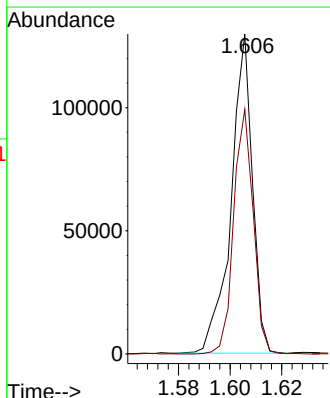
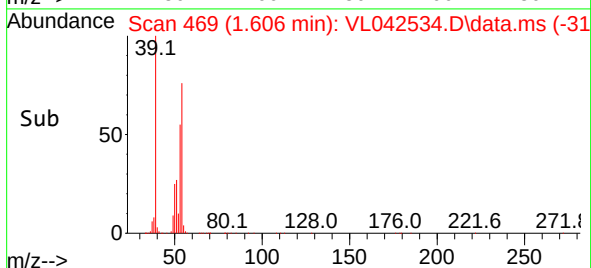
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

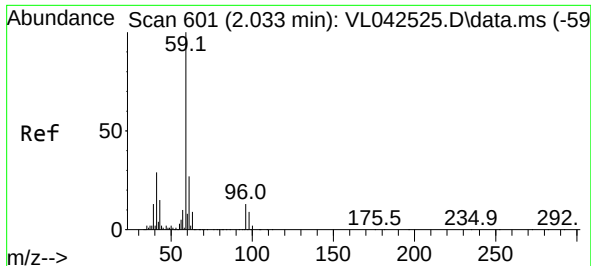


#16
1,3-Butadiene
Concen: 9.920 ppbv
RT: 1.606 min Scan# 469
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



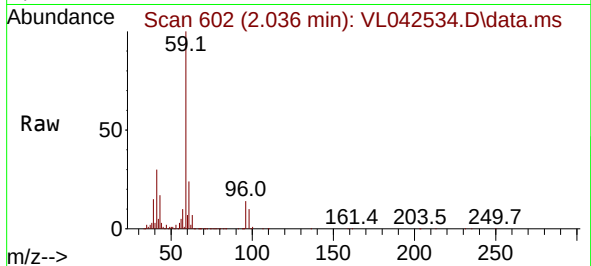
Tgt Ion: 39 Resp: 74698
Ion Ratio Lower Upper
39 100
54 70.3 57.8 86.6





#17
tert-Butyl alcohol
Concen: 10.379 ppbv
RT: 2.036 min Scan# 601
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

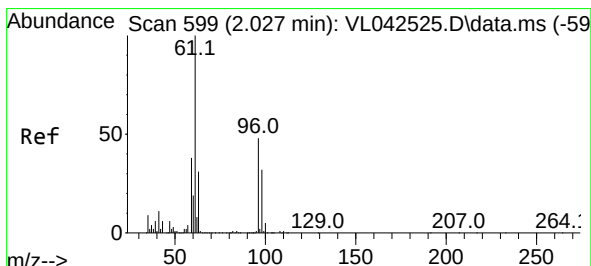
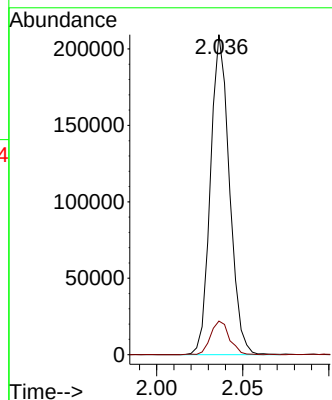
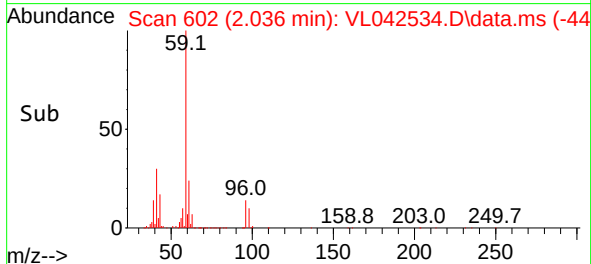
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



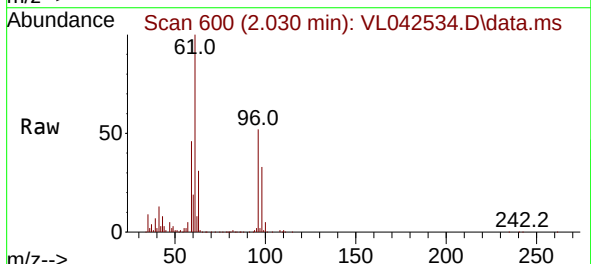
Tgt Ion: 59 Resp: 160597
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

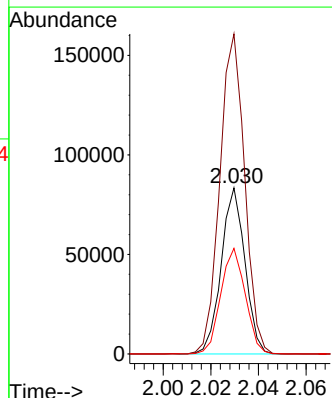
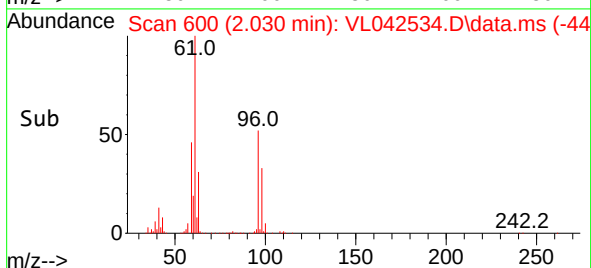
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

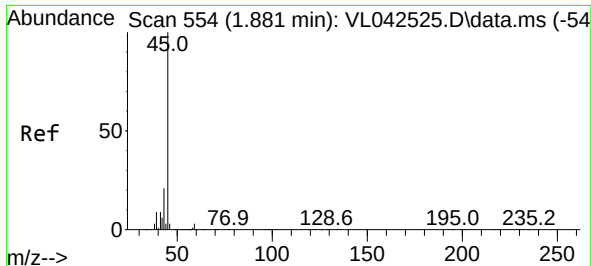


#18
1,1-Dichloroethene
Concen: 10.028 ppbv
RT: 2.030 min Scan# 600
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



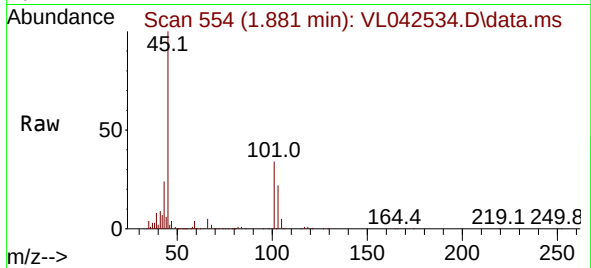
Tgt Ion: 96 Resp: 57778
Ion Ratio Lower Upper
96 100
61 192.6 165.0 247.4
98 63.4 52.6 79.0





#19
Isopropyl Alcohol
Concen: 10.098 ppbv
RT: 1.881 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

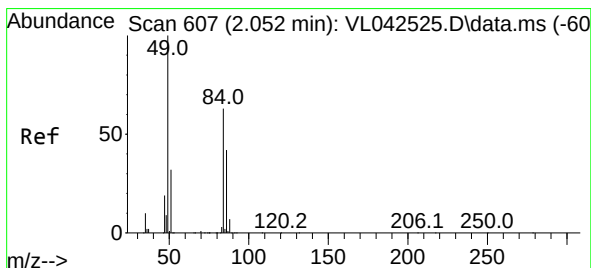
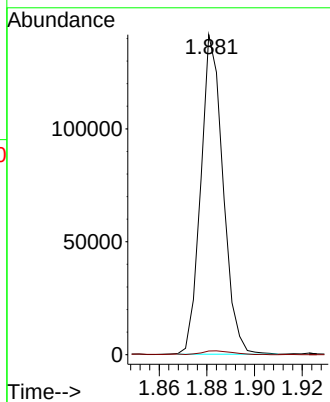
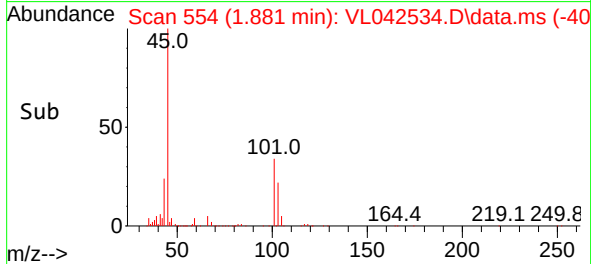
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



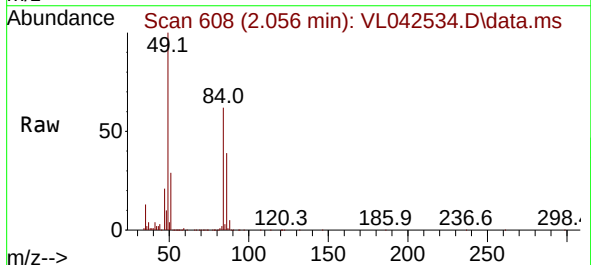
Tgt Ion: 45 Resp: 9186
Ion Ratio Lower Upper
45 100
58 1.9 1.5 2.3

Manual Integrations
APPROVED

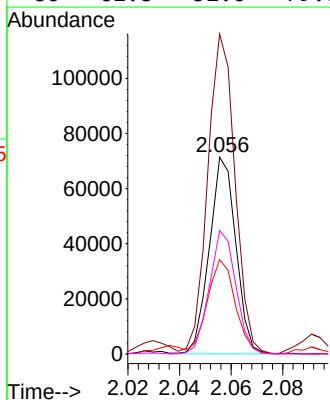
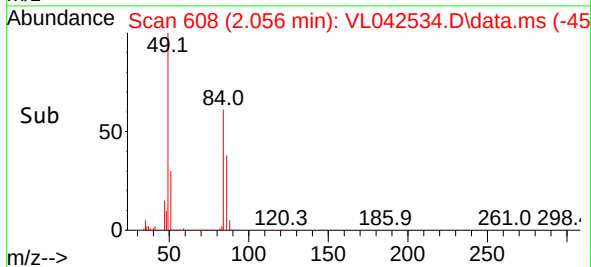
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

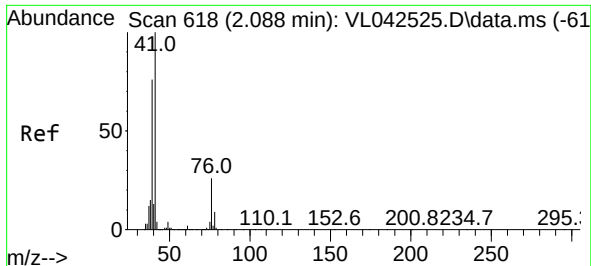


#20
Methylene Chloride
Concen: 8.718 ppbv
RT: 2.056 min Scan# 608
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



Tgt Ion: 84 Resp: 50836
Ion Ratio Lower Upper
84 100
49 162.7 128.2 192.4
51 47.7 41.7 62.5
86 62.8 52.6 79.0





#21

Allyl Chloride

Concen: 10.227 ppbv

RT: 2.091 min Scan# 618

Delta R.T. 0.003 min

Lab File: VL042534.D

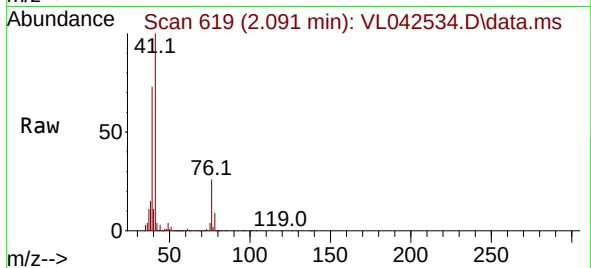
Acq: 12 May 2025 16:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL051225

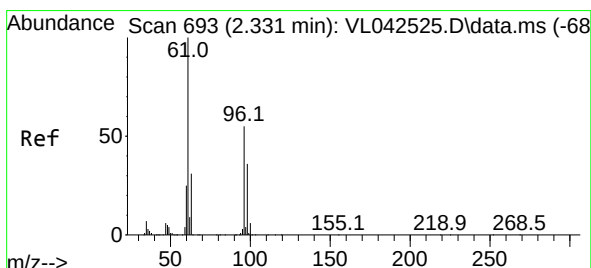
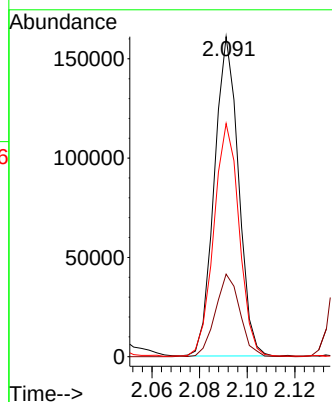
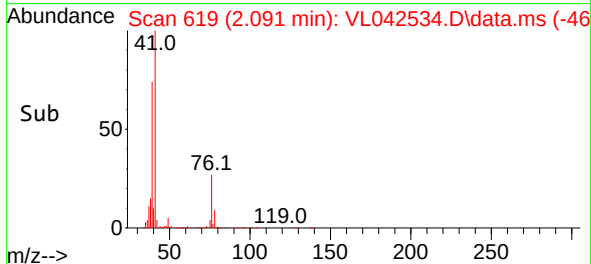


Tgt Ion:	41	Resp:	11338
Ion Ratio	Lower	Upper	
41	100		
76	26.3	22.0	33.0
39	76.7	59.5	89.3

Manual Integrations

APPROVED

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



#22

trans-1,2-Dichloroethene

Concen: 9.849 ppbv

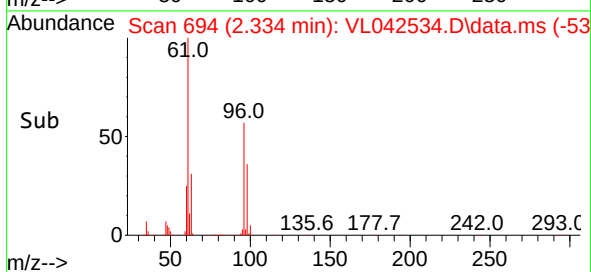
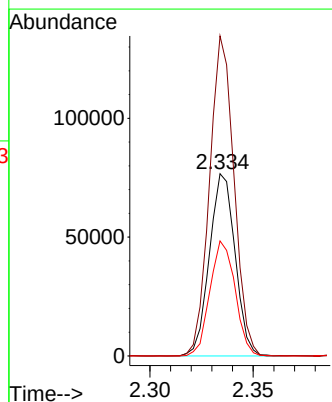
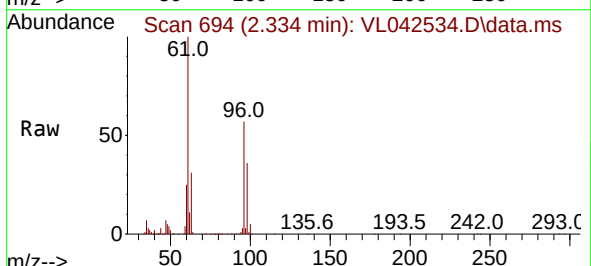
RT: 2.334 min Scan# 694

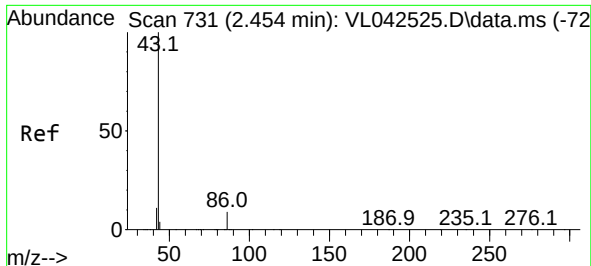
Delta R.T. 0.003 min

Lab File: VL042534.D

Acq: 12 May 2025 16:10

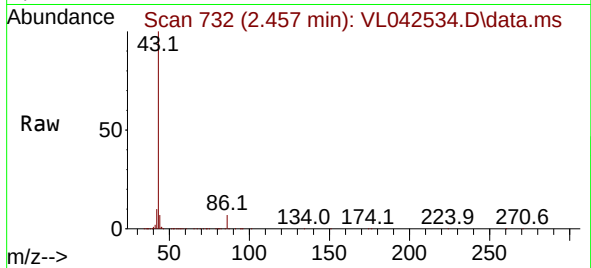
Tgt Ion:	96	Resp:	66384
Ion Ratio	Lower	Upper	
96	100		
61	175.4	145.9	218.9
98	63.2	52.2	78.4





#23
 Vinyl Acetate
 Concen: 10.371 ppbv
 RT: 2.457 min Scan# 714
 Delta R.T. 0.003 min
 Lab File: VL042534.D
 Acq: 12 May 2025 16:10

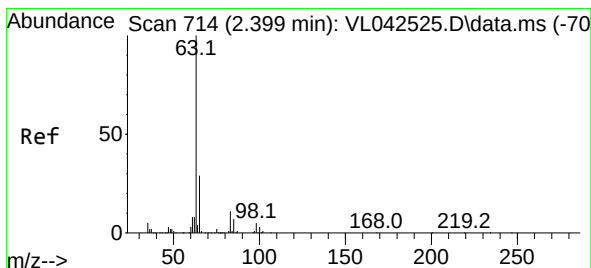
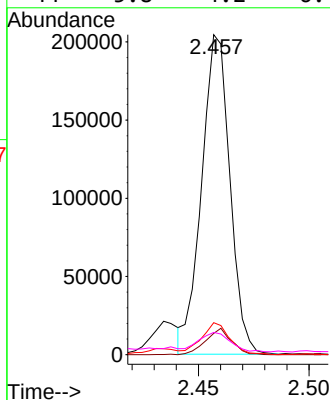
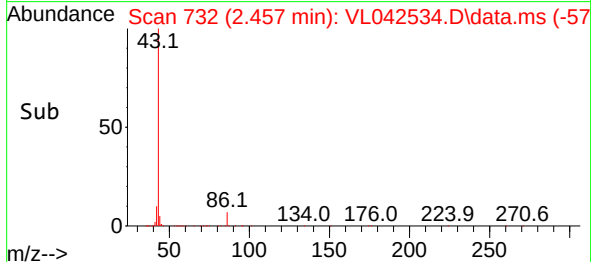
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL051225



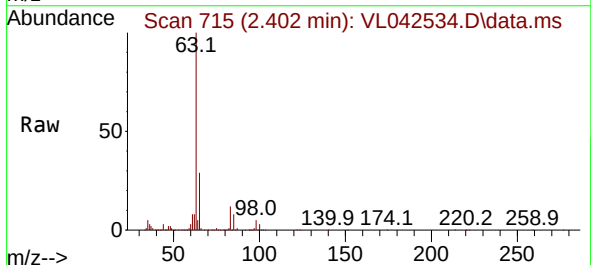
Tgt Ion: 43 Resp: 181814
 Ion Ratio Lower Upper
 43 100
 86 6.7 6.8 10.2
 42 10.0 8.8 13.2
 44 5.8 4.2 6.4

Manual Integrations
 APPROVED

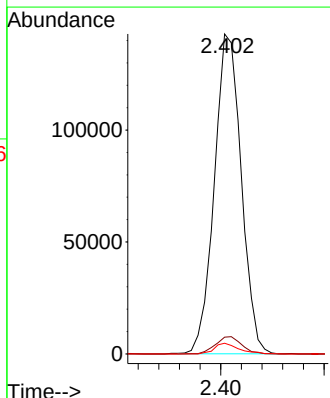
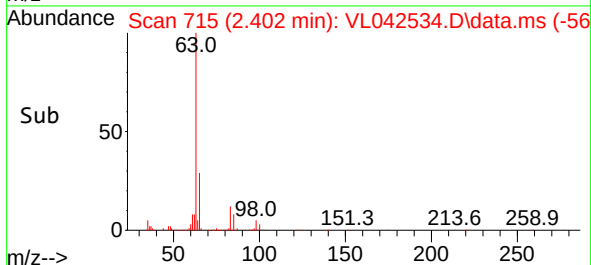
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

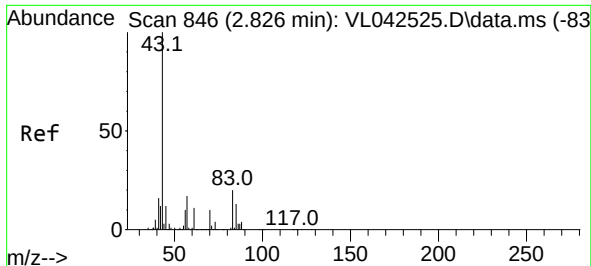


#24
 1,1-Dichloroethane
 Concen: 9.919 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. 0.003 min
 Lab File: VL042534.D
 Acq: 12 May 2025 16:10



Tgt Ion: 63 Resp: 129353
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.6 8.0
 100 3.4 1.4 4.2





#25

Ethyl Acetate

Concen: 11.394 ppbv

RT: 2.832 min Scan# 846

Delta R.T. 0.006 min

Lab File: VL042534.D

Acq: 12 May 2025 16:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL051225

Tgt Ion: 43 Resp: 335010

Ion Ratio Lower Upper

43 100

45 10.1 7.9 11.9

61 9.3 7.1 10.7

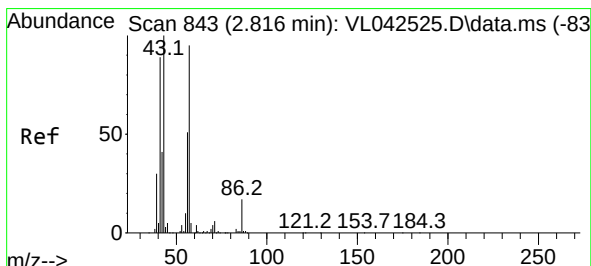
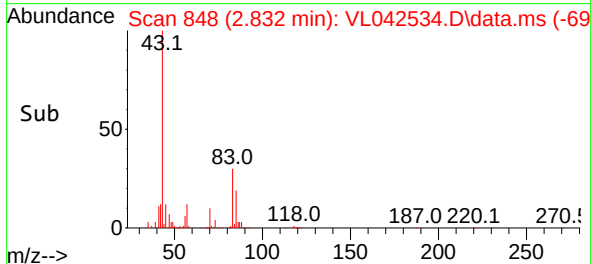
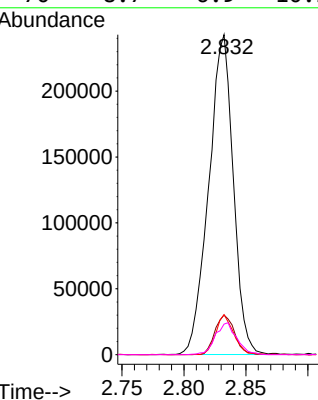
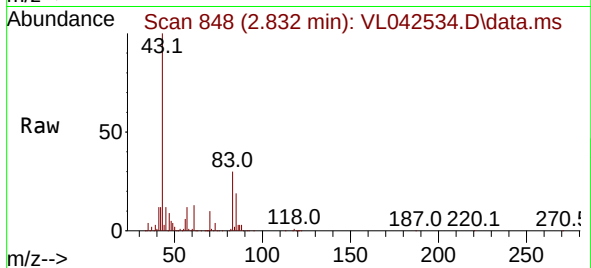
70 8.7 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#26

Hexane

Concen: 12.078 ppbv

RT: 2.819 min Scan# 844

Delta R.T. 0.003 min

Lab File: VL042534.D

Acq: 12 May 2025 16:10

Tgt Ion: 57 Resp: 145797

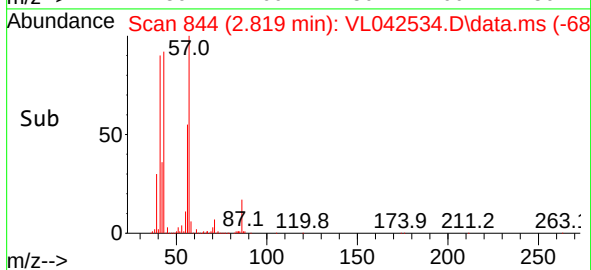
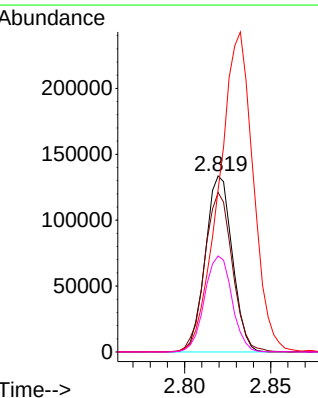
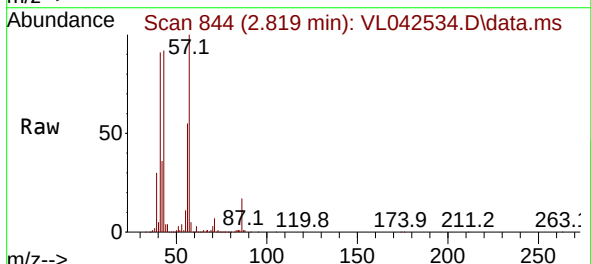
Ion Ratio Lower Upper

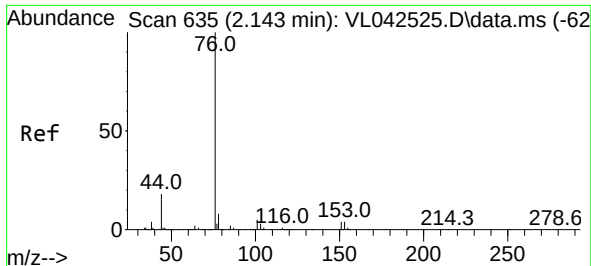
57 100

41 93.6 76.1 114.1

43 231.0 188.9 283.3

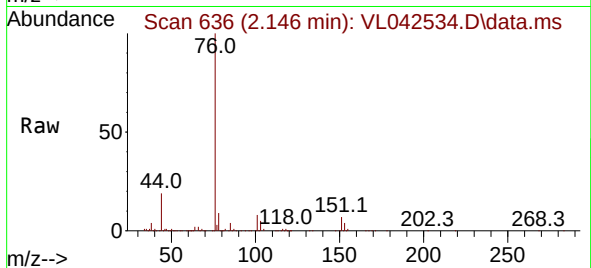
56 55.3 45.2 67.8





#27
Carbon Disulfide
Concen: 10.243 ppbv
RT: 2.146 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

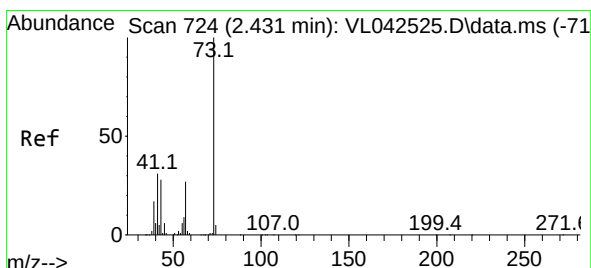
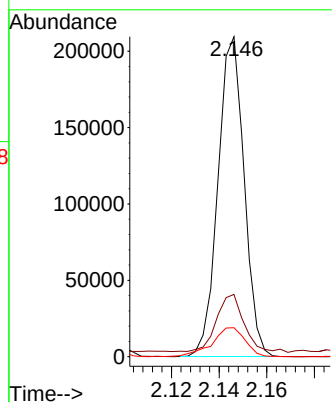
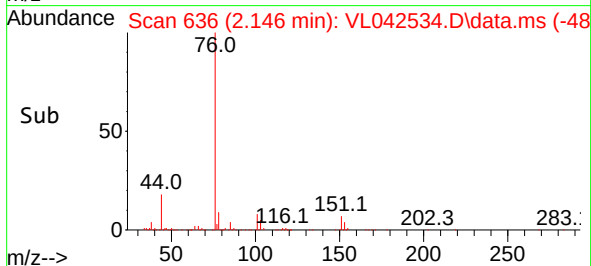
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



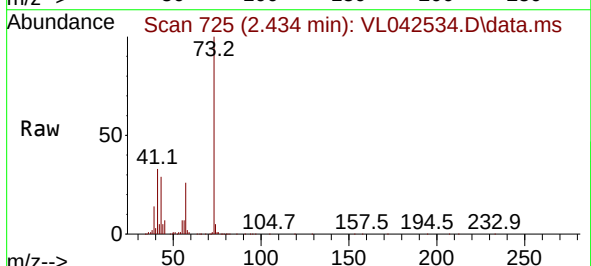
Tgt Ion: 76 Resp: 159609
Ion Ratio Lower Upper
76 100
44 20.5 17.1 25.7
78 11.6 8.6 12.8

Manual Integrations
APPROVED

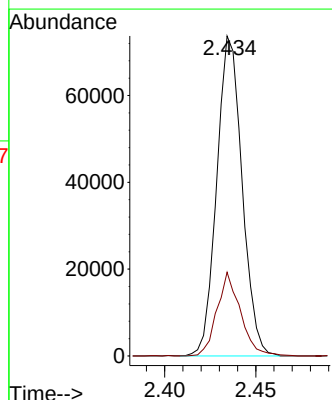
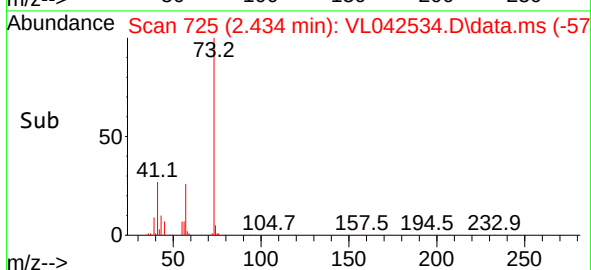
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

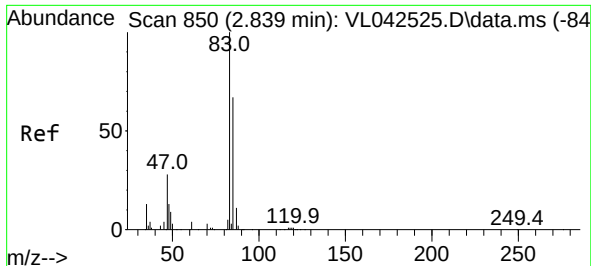


#28
Methyl tert-Butyl Ether
Concen: 10.640 ppbv
RT: 2.434 min Scan# 725
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



Tgt Ion: 73 Resp: 71357
Ion Ratio Lower Upper
73 100
57 24.4 20.3 30.5





#29

Chloroform

Concen: 9.916 ppbv

RT: 2.842 min Scan# 851

Delta R.T. 0.003 min

Lab File: VL042534.D

Acq: 12 May 2025 16:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL051225

Tgt Ion: 83 Resp: 24825

Ion Ratio Lower Upper

83 100

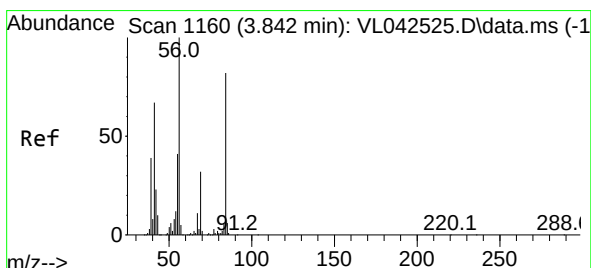
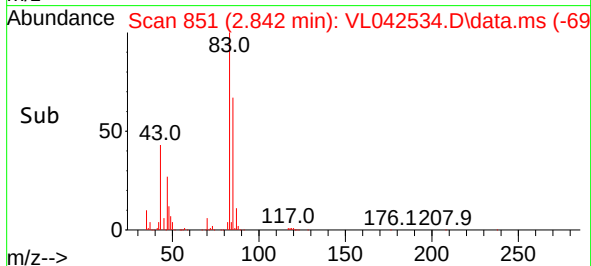
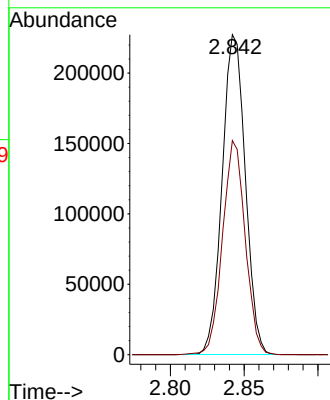
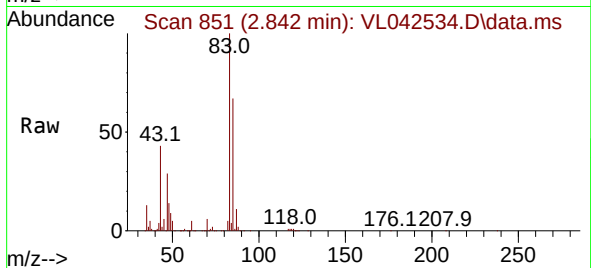
85 66.9 53.5 80.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#30

Cyclohexane

Concen: 12.687 ppbv

RT: 3.849 min Scan# 1162

Delta R.T. 0.006 min

Lab File: VL042534.D

Acq: 12 May 2025 16:10

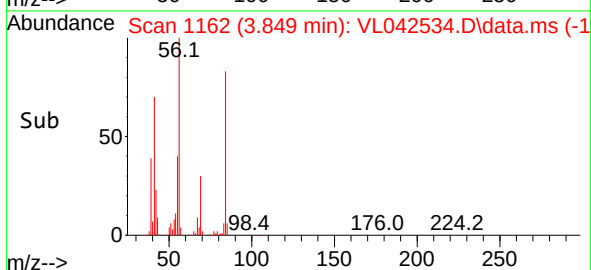
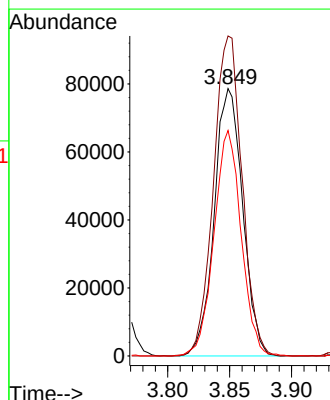
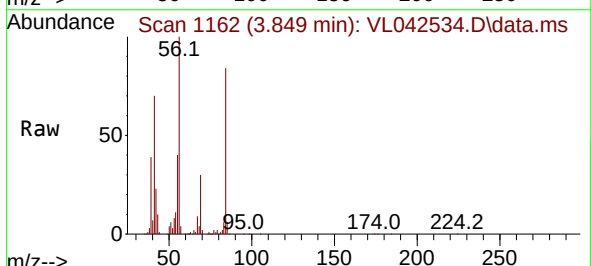
Tgt Ion: 84 Resp: 125731

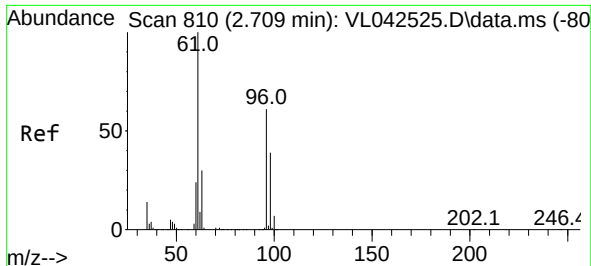
Ion Ratio Lower Upper

84 100

56 120.5 97.1 145.7

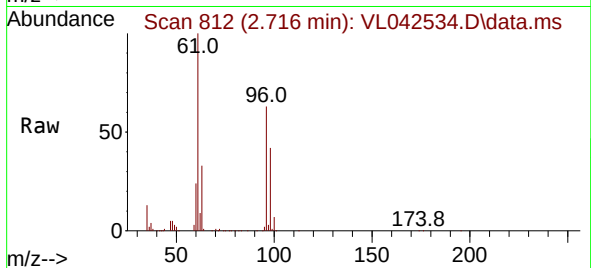
41 80.8 66.6 99.8





#31
 cis-1,2-Dichloroethene
 Concen: 11.469 ppbv
 RT: 2.716 min Scan# 810
 Delta R.T. 0.006 min
 Lab File: VL042534.D
 Acq: 12 May 2025 16:10

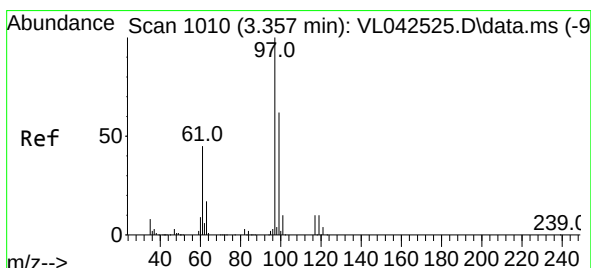
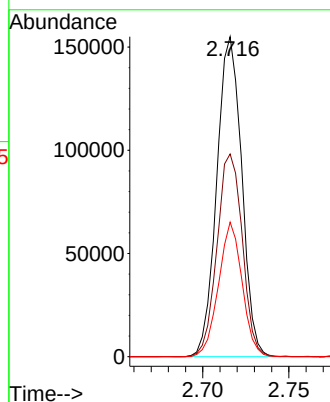
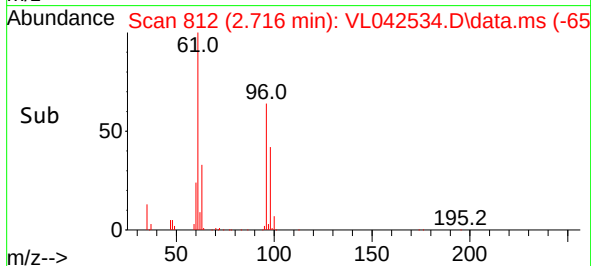
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL051225



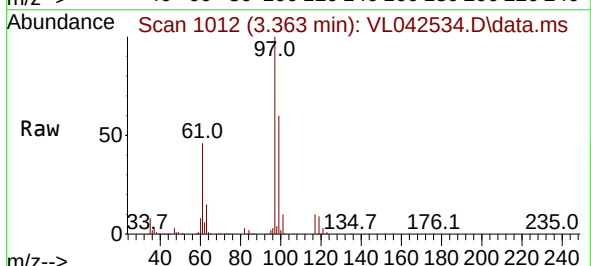
Tgt Ion: 61 Resp: 156337
 Ion Ratio Lower Upper
 61 100
 96 63.4 48.9 73.3
 98 42.1 31.4 47.2

Manual Integrations
 APPROVED

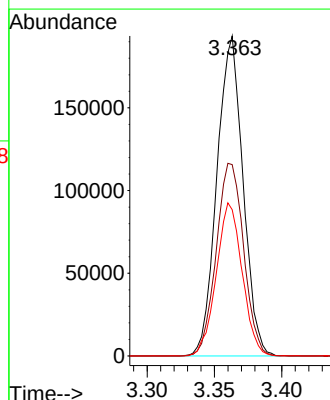
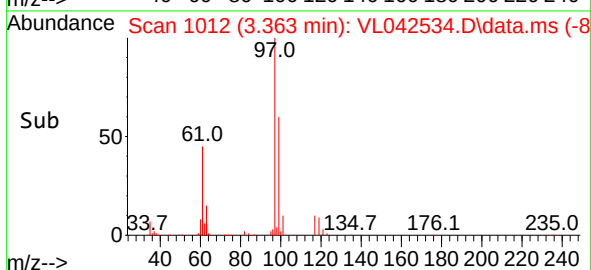
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

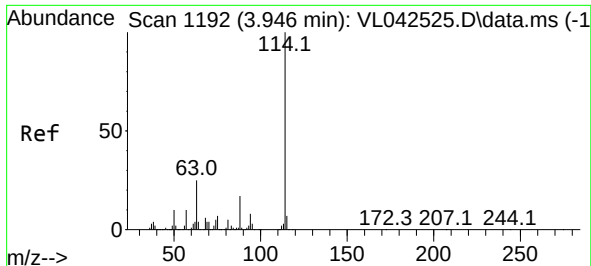


#32
 1,1,1-Trichloroethane
 Concen: 10.089 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. 0.006 min
 Lab File: VL042534.D
 Acq: 12 May 2025 16:10



Tgt Ion: 97 Resp: 260615
 Ion Ratio Lower Upper
 97 100
 99 63.2 50.1 75.1
 61 47.6 38.2 57.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VL042534.D

Acq: 12 May 2025 16:10

Instrument :

MSVOA_L

ClientSampleId :

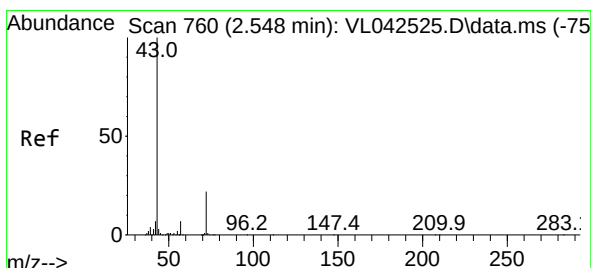
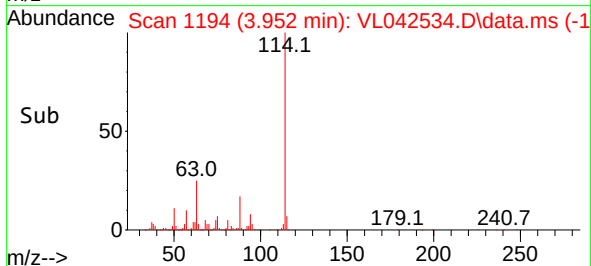
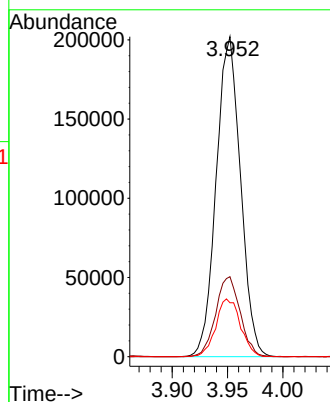
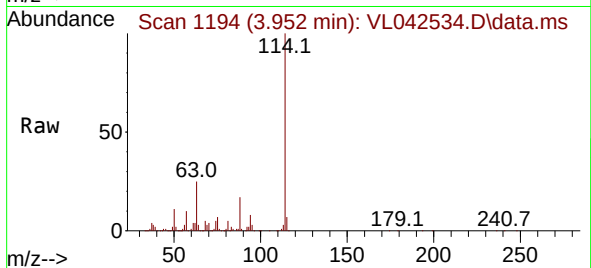
ICVVL051225

Tgt Ion:114	Resp: 30872
Ion Ratio	Lower Upper
114 100	
63 25.2	20.4 30.6
88 18.3	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: 10.593 ppbv

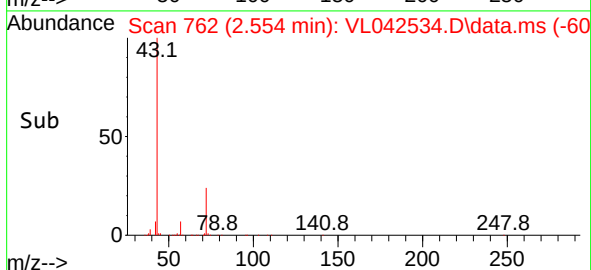
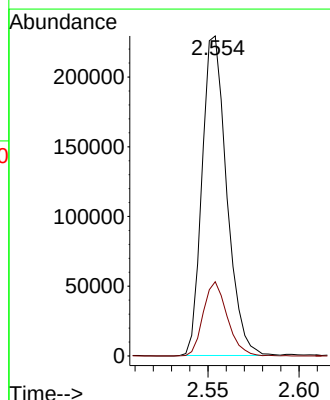
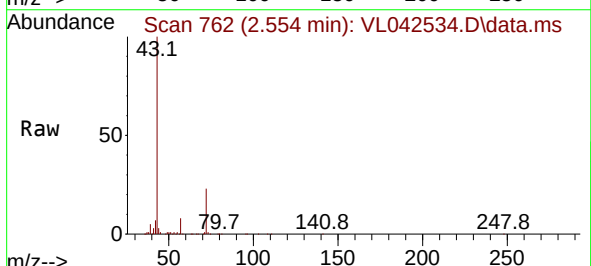
RT: 2.554 min Scan# 762

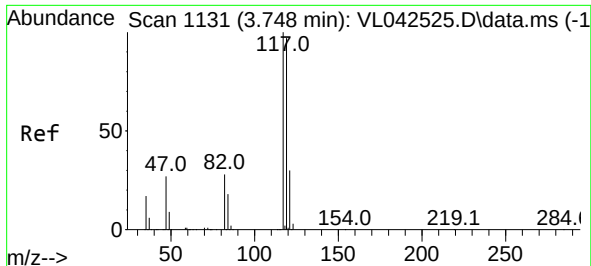
Delta R.T. 0.006 min

Lab File: VL042534.D

Acq: 12 May 2025 16:10

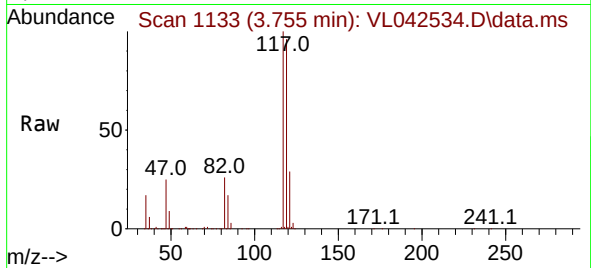
Tgt Ion: 43	Resp: 215548
Ion Ratio	Lower Upper
43 100	
72 22.7	18.7 28.1





#35
Carbon Tetrachloride
Concen: 9.944 ppbv
RT: 3.755 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

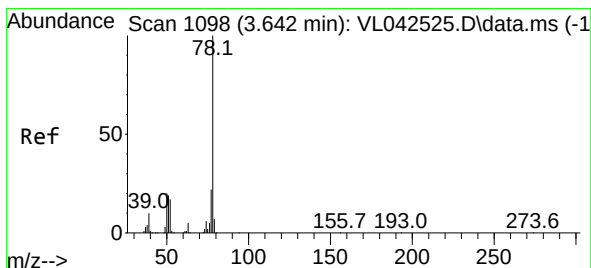
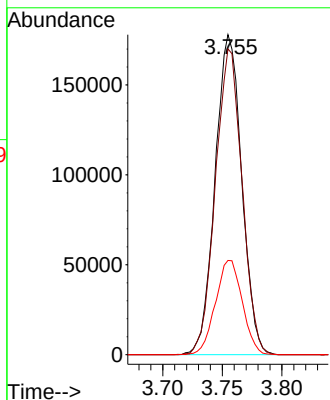
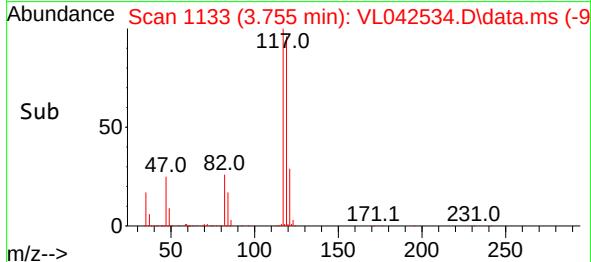
Instrument : MSVOA_L
ClientSampleId : ICVVL051225



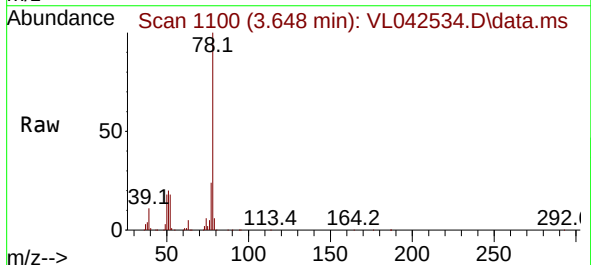
Tgt Ion: 117 Resp: 275990
Ion Ratio Lower Upper
117 100
119 95.5 77.7 116.5
121 29.5 24.0 36.0

Manual Integrations
APPROVED

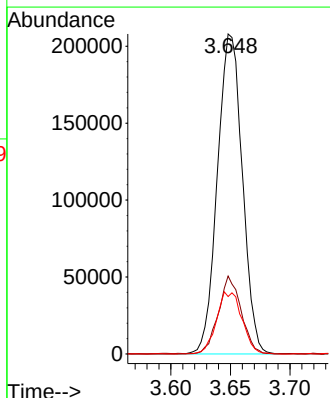
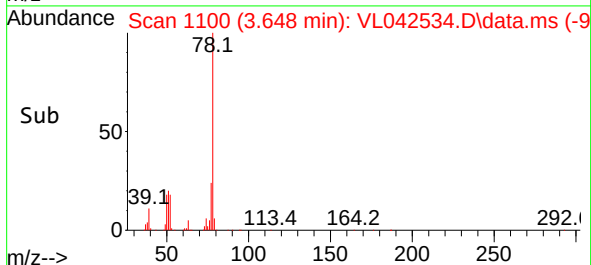
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

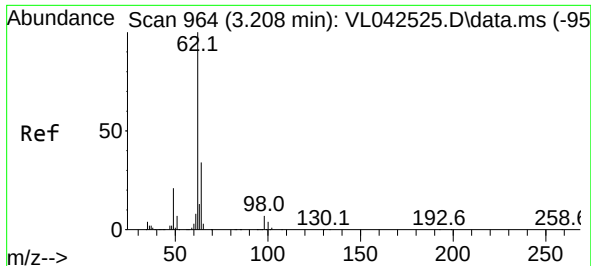


#36
Benzene
Concen: 11.060 ppbv
RT: 3.648 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



Tgt Ion: 78 Resp: 302608
Ion Ratio Lower Upper
78 100
77 24.3 17.4 26.2
50 18.0 16.3 24.5





#37

1,2-Dichloroethane

Concen: 10.133 ppbv

RT: 3.211 min Scan# 9

Delta R.T. 0.003 min

Lab File: VL042534.D

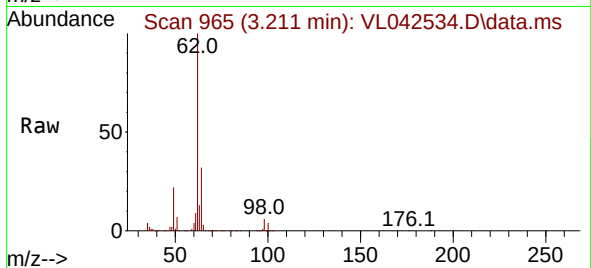
Acq: 12 May 2025 16:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL051225



Tgt Ion: 62 Resp: 19775

Ion Ratio Lower Upper

62 100

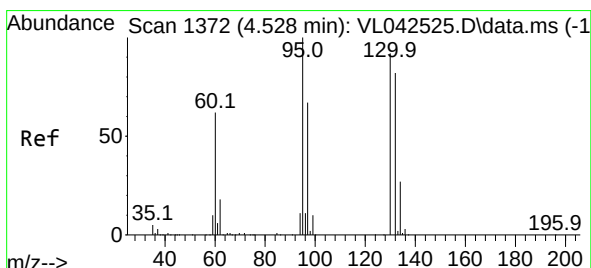
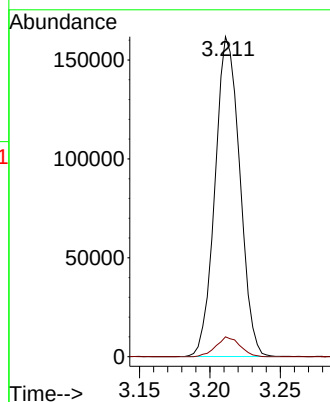
98 6.0 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#38

Trichloroethene

Concen: 10.461 ppbv

RT: 4.541 min Scan# 1376

Delta R.T. 0.013 min

Lab File: VL042534.D

Acq: 12 May 2025 16:10

Tgt Ion:130 Resp: 124443

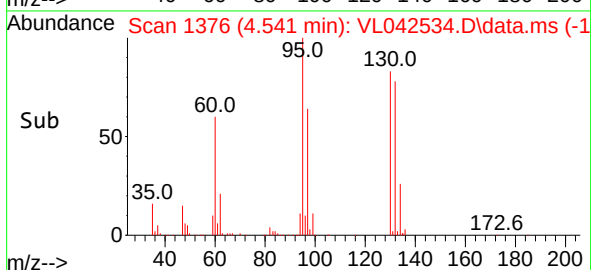
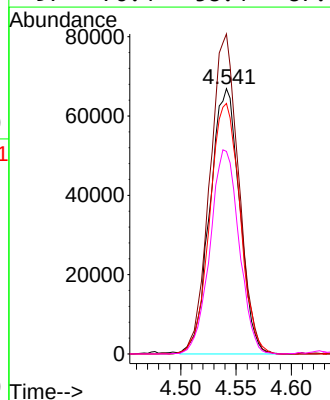
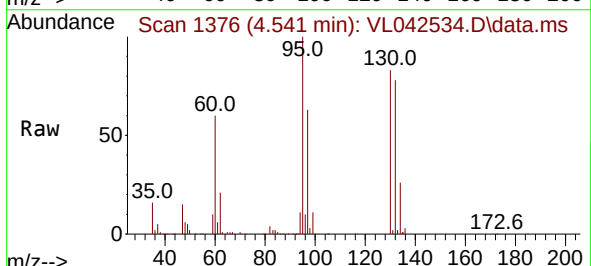
Ion Ratio Lower Upper

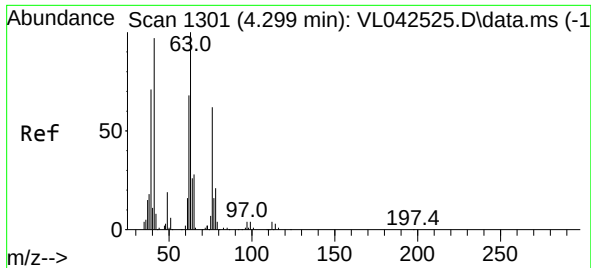
130 100

95 120.7 87.0 130.4

132 94.5 71.1 106.7

97 76.4 58.4 87.6





#39

1,2-Dichloropropane

Concen: 10.381 ppbv

RT: 4.308 min Scan# 1304

Delta R.T. 0.010 min

Lab File: VL042534.D

Acq: 12 May 2025 16:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL051225

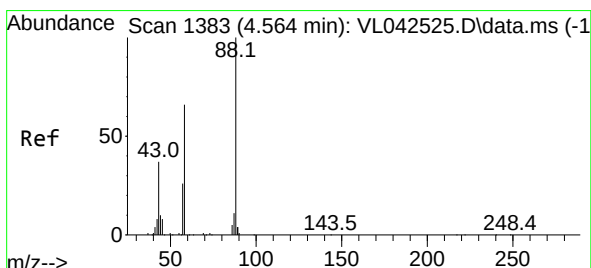
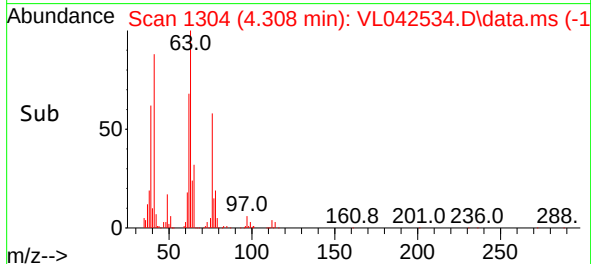
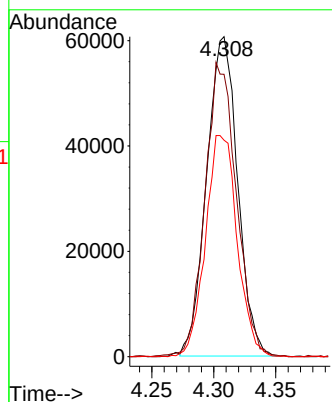
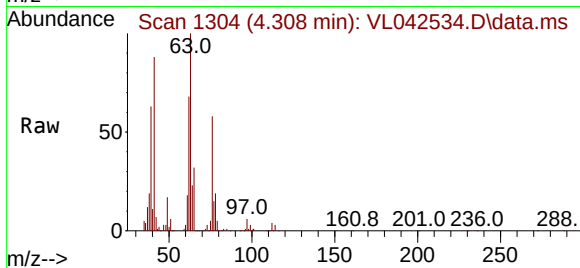
Tgt Ion: 63 Resp: 105794

Ion	Ratio	Lower	Upper
63	100		
41	88.2	77.5	116.3
62	67.4	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: 11.326 ppbv

RT: 4.577 min Scan# 1387

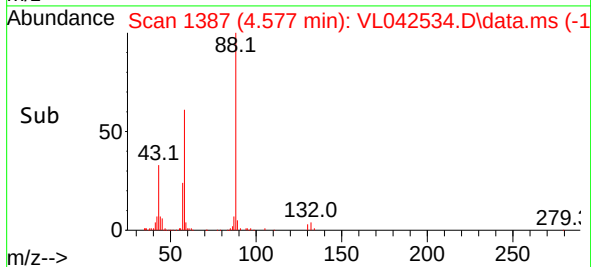
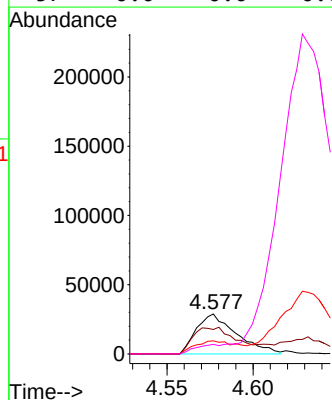
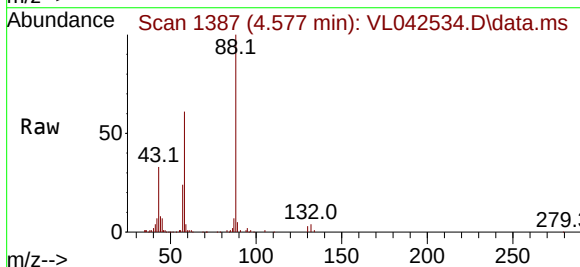
Delta R.T. 0.013 min

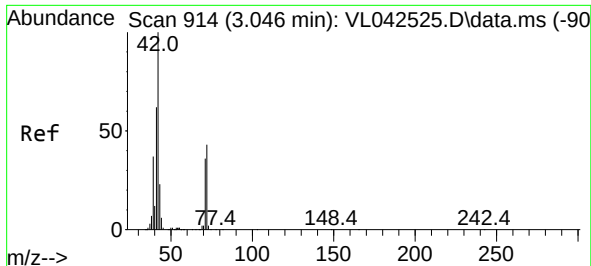
Lab File: VL042534.D

Acq: 12 May 2025 16:10

Tgt Ion: 88 Resp: 46856

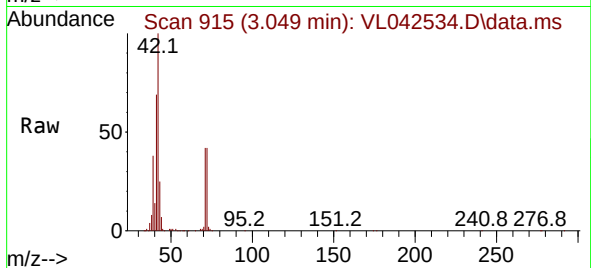
Ion	Ratio	Lower	Upper
88	100		
58	75.2	58.2	87.2
43	35.2	27.9	41.9
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 12.288 ppbv
RT: 3.049 min Scan# 914
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

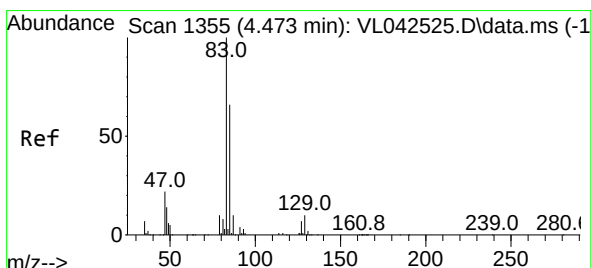
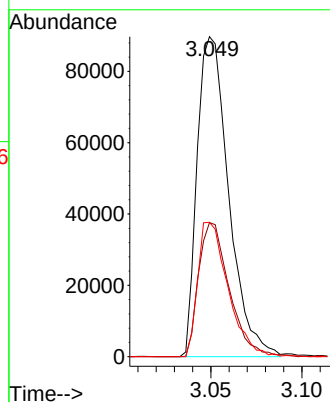
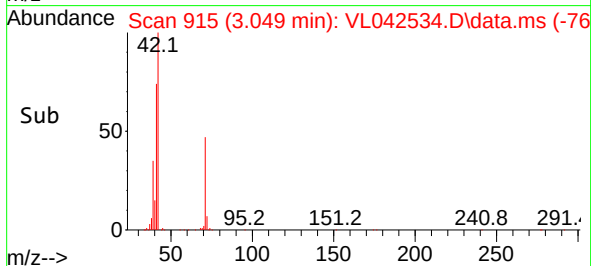
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



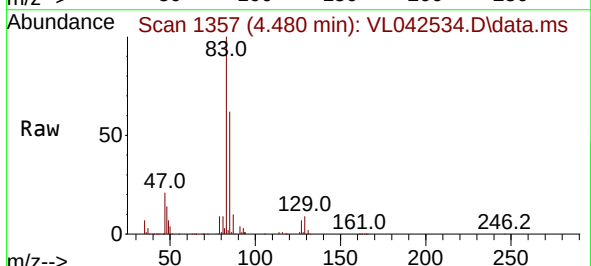
Tgt Ion: 42 Resp: 108235
Ion Ratio Lower Upper
42 100
72 40.9 32.7 49.1
71 40.3 30.4 45.6

Manual Integrations
APPROVED

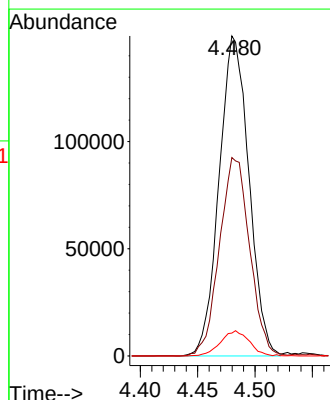
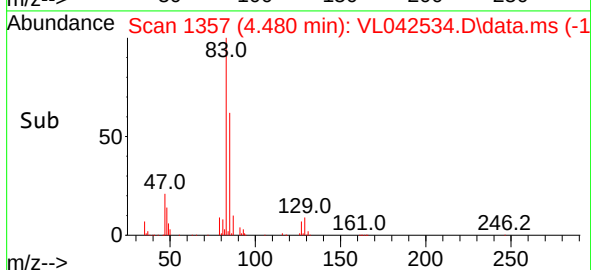
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

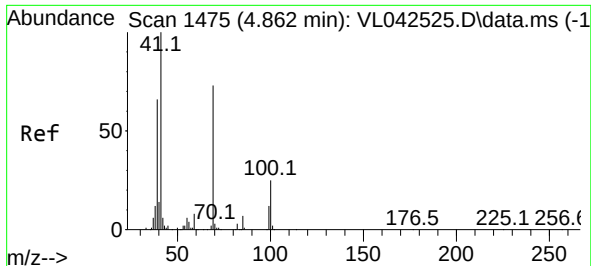


#42
Bromodichloromethane
Concen: 10.344 ppbv
RT: 4.480 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



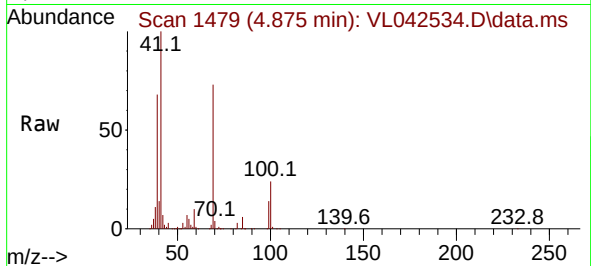
Tgt Ion: 83 Resp: 269411
Ion Ratio Lower Upper
83 100
85 62.0 52.6 79.0
127 7.2 6.0 9.0





#43
Methyl Methacrylate
Concen: 12.553 ppbv
RT: 4.875 min Scan# 1475
Delta R.T. 0.013 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

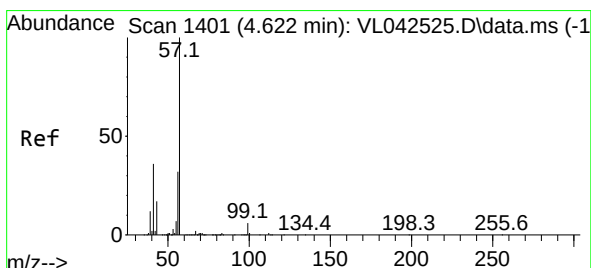
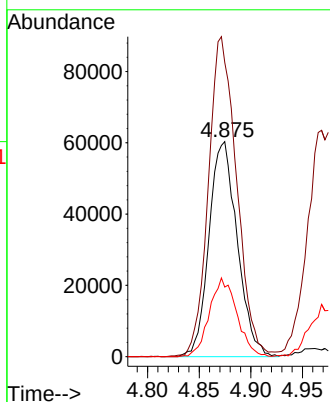
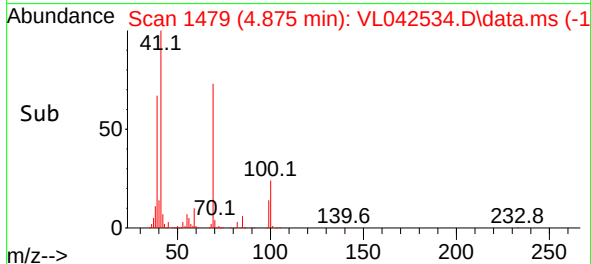
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



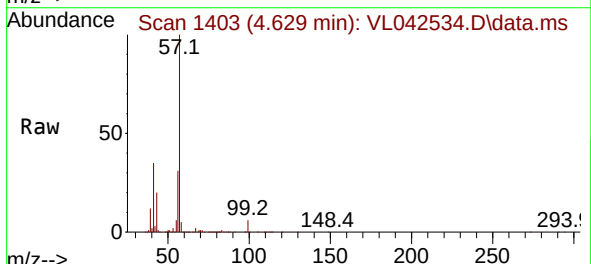
Tgt Ion: 69 Resp: 11502
Ion Ratio Lower Upper
69 100
41 148.6 119.9 179.9
100 35.6 28.4 42.6

Manual Integrations
APPROVED

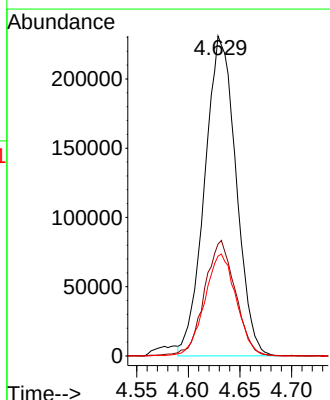
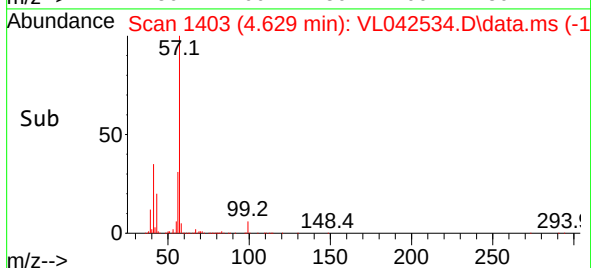
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

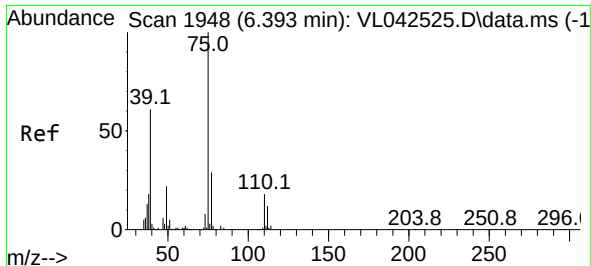


#44
2,2,4-Trimethylpentane
Concen: 11.264 ppbv
RT: 4.629 min Scan# 1403
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



Tgt Ion: 57 Resp: 488308
Ion Ratio Lower Upper
57 100
41 35.8 28.3 42.5
56 32.1 25.9 38.9





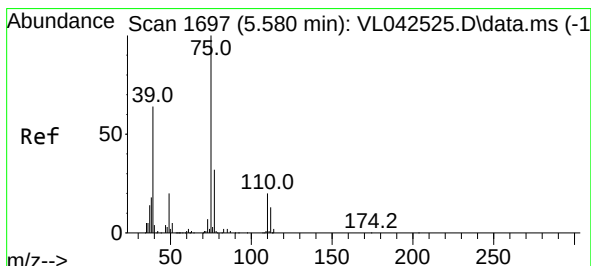
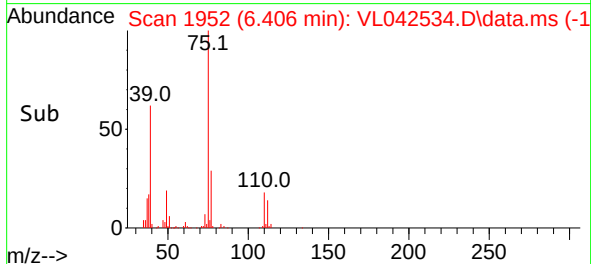
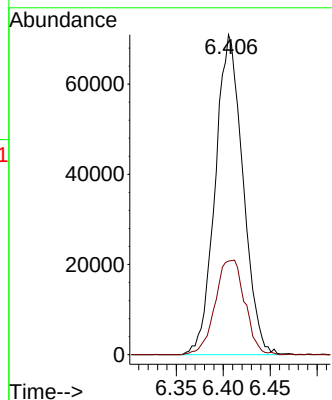
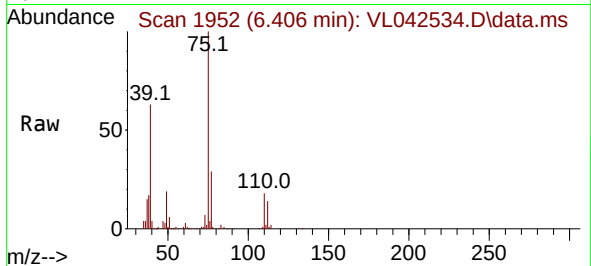
#45
t-1,3-Dichloropropene
Concen: 12.452 ppbv
RT: 6.406 min Scan# 1948
Delta R.T. 0.013 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225

Tgt Ion: 75 Resp: 14577
Ion Ratio Lower Upper
75 100
77 29.3 23.3 34.9

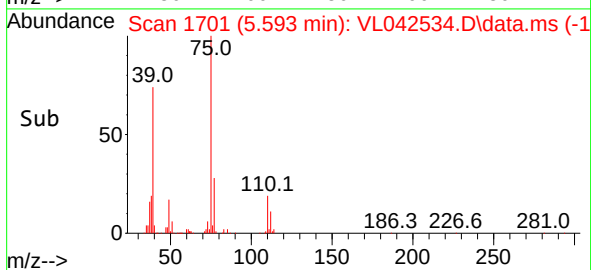
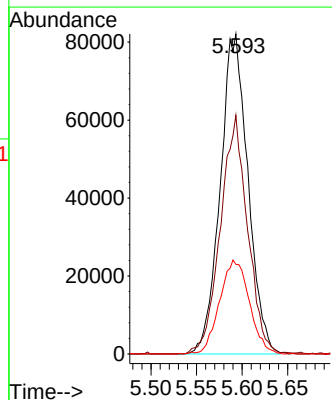
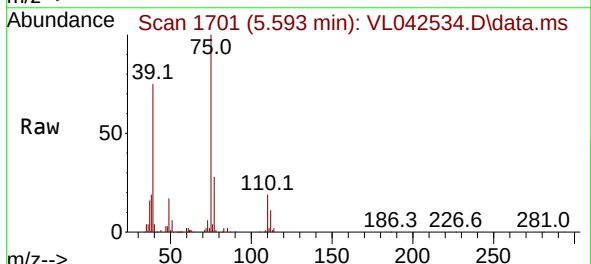
Manual Integrations
APPROVED

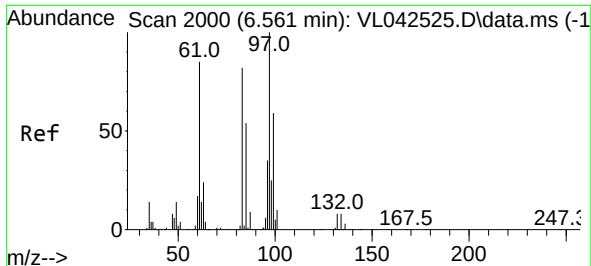
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#46
cis-1,3-Dichloropropene
Concen: 12.337 ppbv
RT: 5.593 min Scan# 1701
Delta R.T. 0.013 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Tgt Ion: 75 Resp: 173741
Ion Ratio Lower Upper
75 100
39 74.5 51.2 76.8
77 27.9 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 10.192 ppbv
RT: 6.574 min Scan# 2004
Delta R.T. 0.013 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Instrument :

MSVOA_L

ClientSampleId :

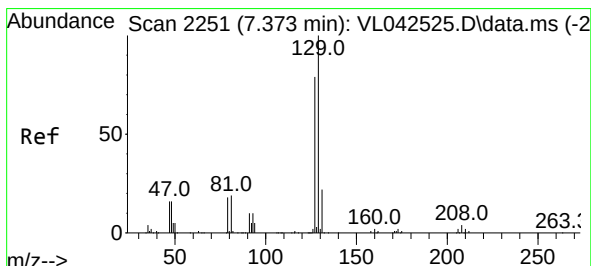
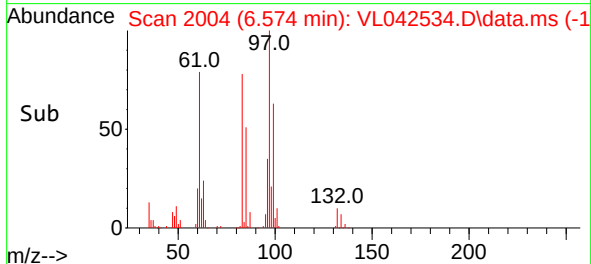
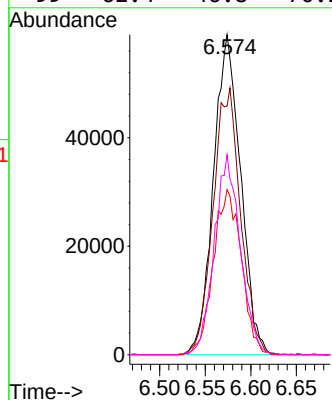
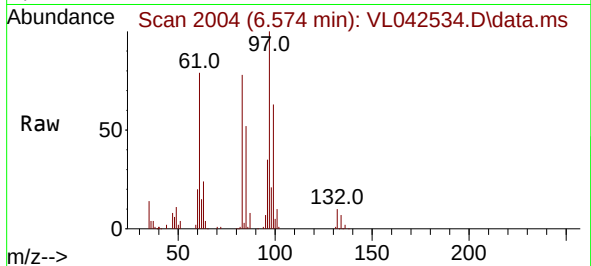
ICVVL051225

Tgt Ion: 97 Resp: 122312
Ion Ratio Lower Upper
97 100
83 77.7 66.0 99.0
85 51.6 42.8 64.2
99 62.4 46.8 70.2

Manual Integrations

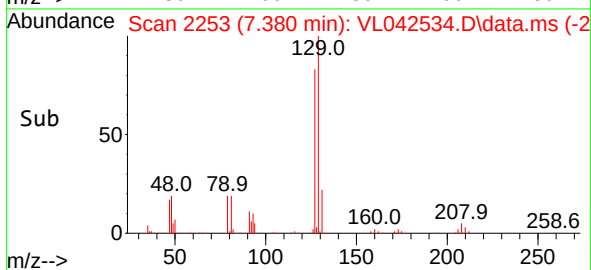
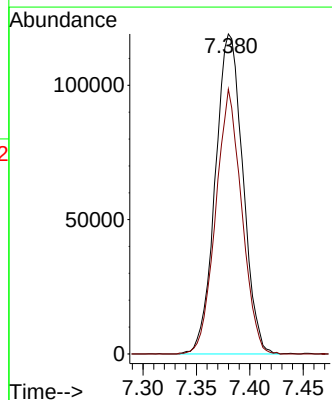
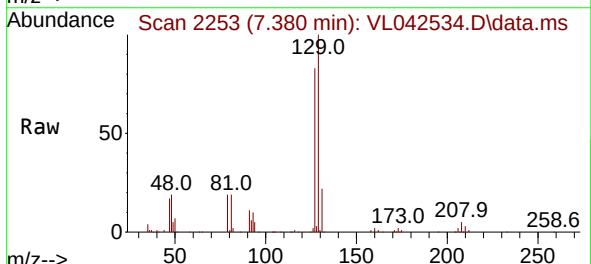
APPROVED

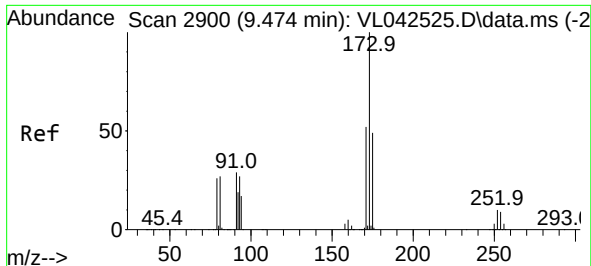
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#48
Dibromochloromethane
Concen: 10.680 ppbv
RT: 7.380 min Scan# 2253
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

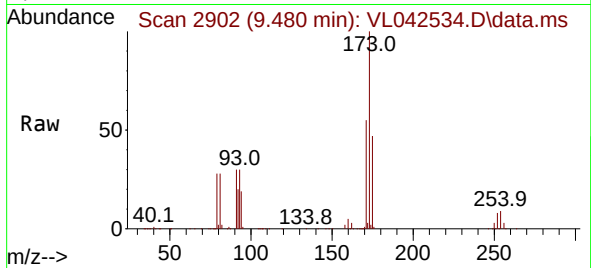
Tgt Ion:129 Resp: 213991
Ion Ratio Lower Upper
129 100
127 78.0 39.6 118.8





#49
Bromoform
Concen: 10.893 ppbv
RT: 9.480 min Scan# 2900
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

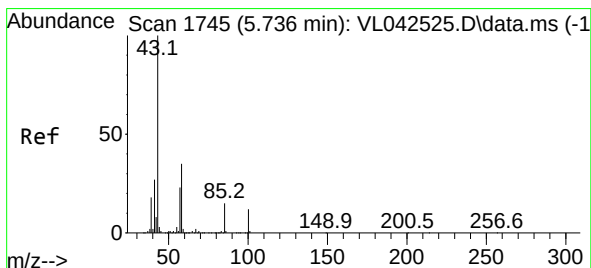
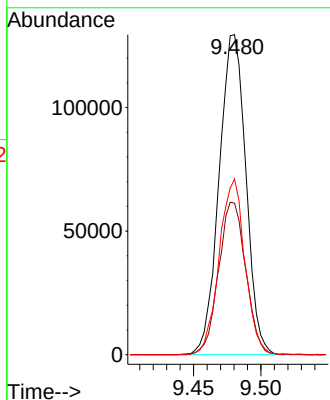
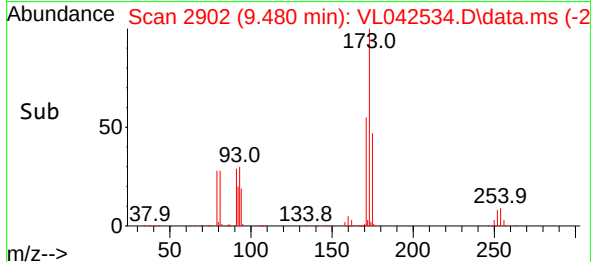
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



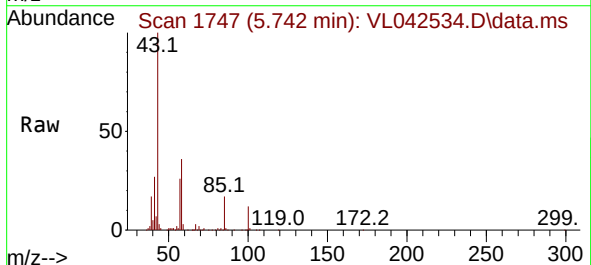
Tgt Ion: 173 Resp: 179114
Ion Ratio Lower Upper
173 100
175 48.3 39.1 58.7
171 52.8 41.8 62.8

Manual Integrations
APPROVED

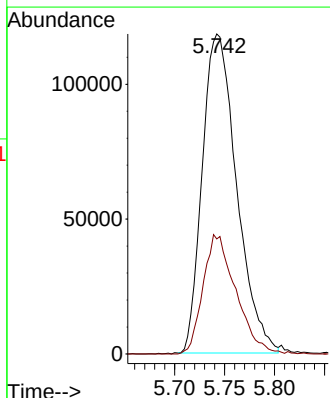
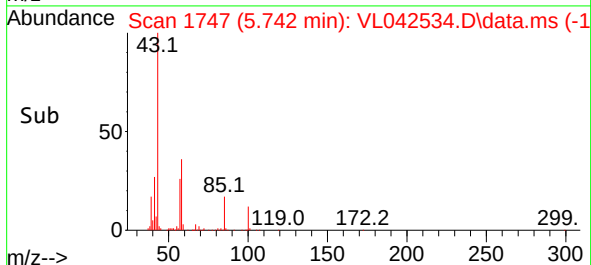
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

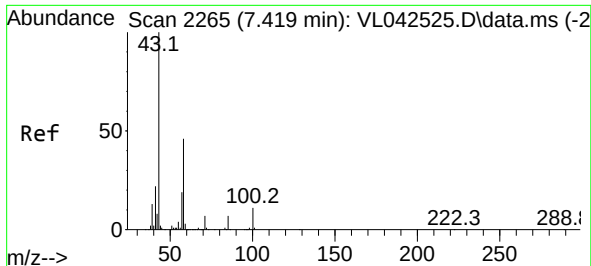


#50
4-Methyl-2-Pentanone
Concen: 11.865 ppbv
RT: 5.742 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



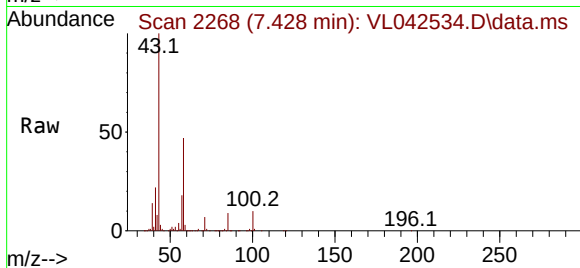
Tgt Ion: 43 Resp: 283584
Ion Ratio Lower Upper
43 100
58 35.7 28.6 42.8





#51
2-Hexanone
Concen: 13.181 ppbv
RT: 7.428 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

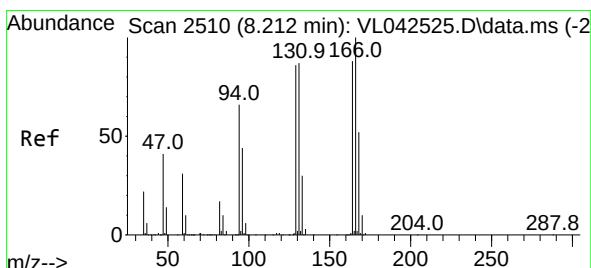
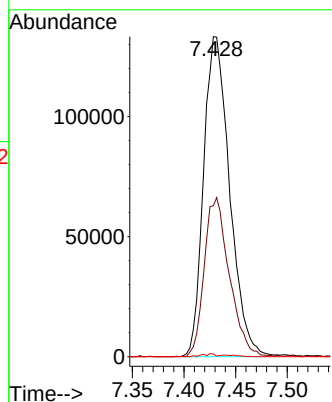
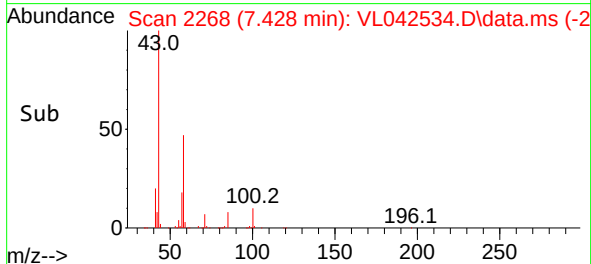
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



Tgt Ion: 43 Resp: 234324
Ion Ratio Lower Upper
43 100
58 48.0 37.5 56.3
98 0.8 0.9 1.3

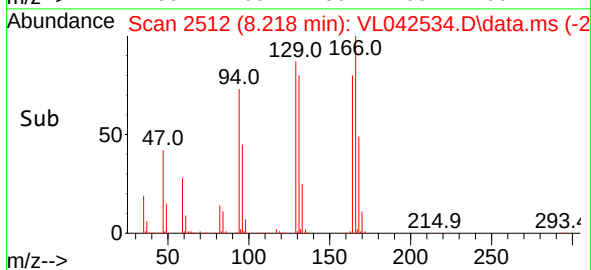
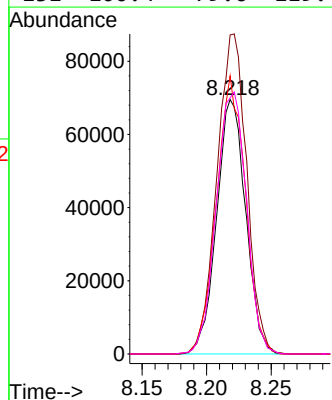
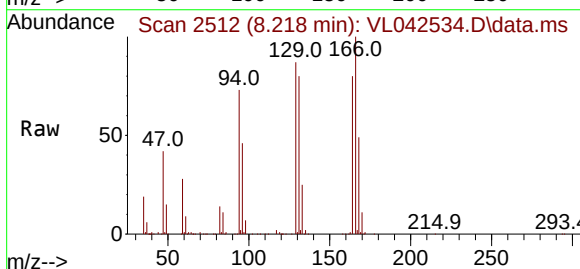
Manual Integrations
APPROVED

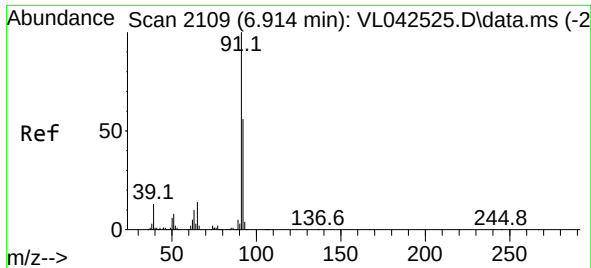
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#52
Tetrachloroethene
Concen: 10.391 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Tgt Ion:164 Resp: 108772
Ion Ratio Lower Upper
164 100
166 125.4 91.3 136.9
129 109.3 78.9 118.3
131 100.4 79.6 119.4





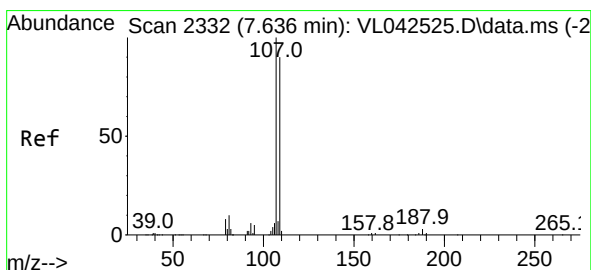
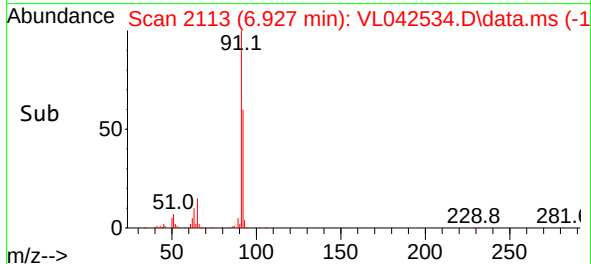
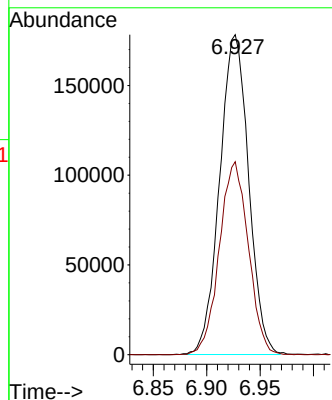
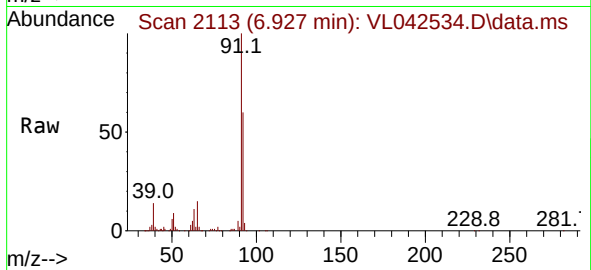
#53
Toluene
Concen: 12.519 ppbv
RT: 6.927 min Scan# 2109
Delta R.T. 0.013 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225

Tgt Ion: 91 Resp: 33611
Ion Ratio Lower Upper
91 100
92 60.5 47.8 71.6

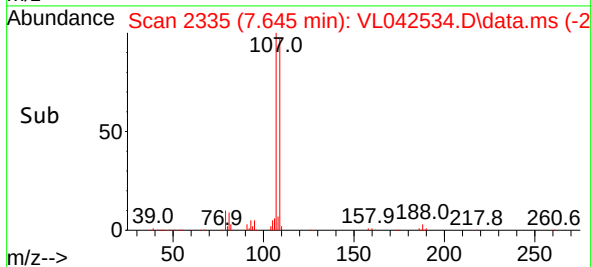
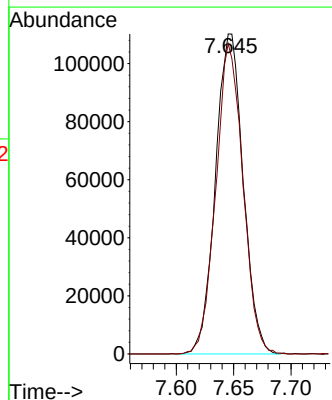
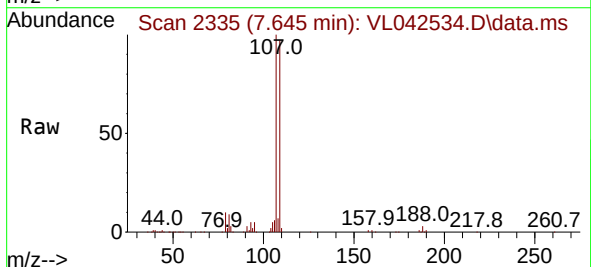
Manual Integrations
APPROVED

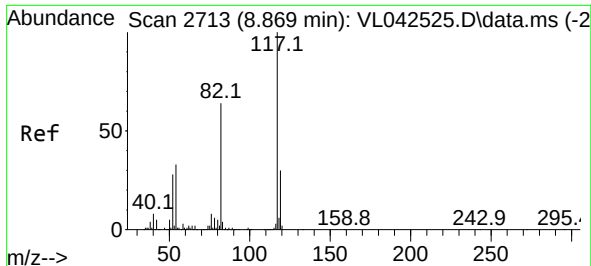
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#54
1,2-Dibromoethane
Concen: 10.565 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. 0.010 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

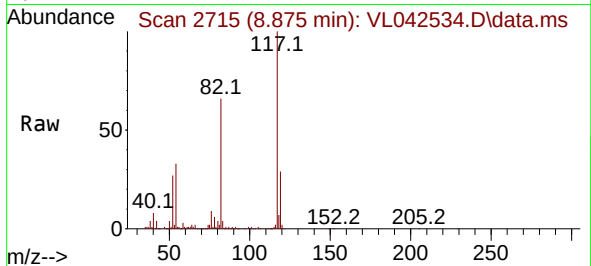
Tgt Ion:107 Resp: 185157
Ion Ratio Lower Upper
107 100
109 96.8 72.2 108.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

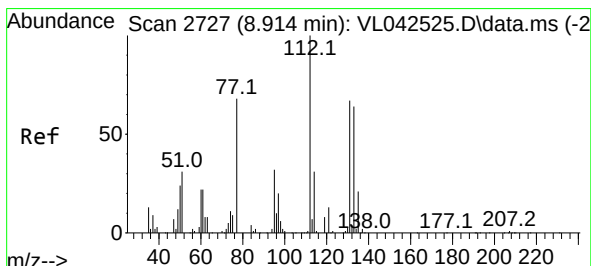
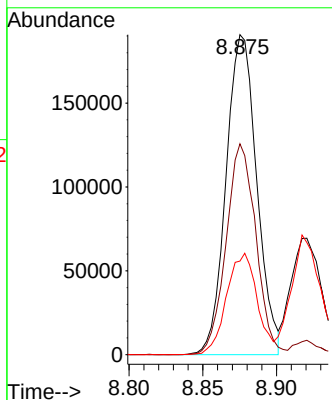
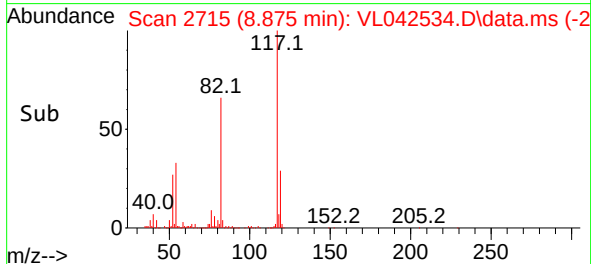
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



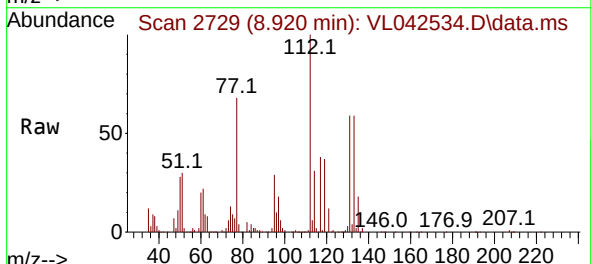
Tgt Ion:117 Resp: 276420
Ion Ratio Lower Upper
117 100
82 67.5 55.0 82.4
119 31.6 25.8 38.6

Manual Integrations
APPROVED

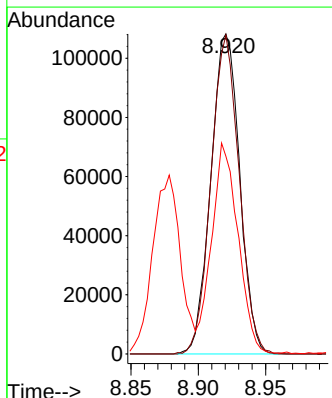
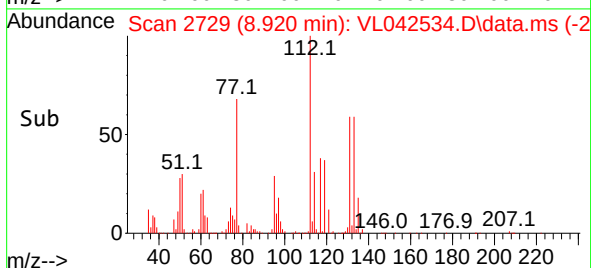
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

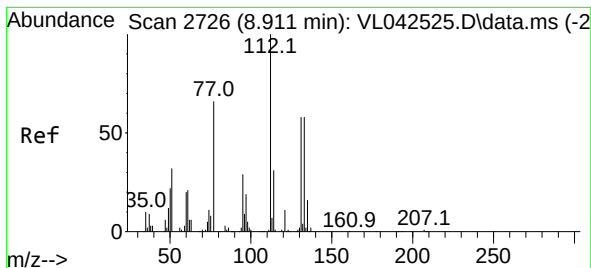


#56
1,1,1,2-Tetrachloroethane
Concen: 9.389 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



Tgt Ion:131 Resp: 160912
Ion Ratio Lower Upper
131 100
133 97.4 77.4 116.2
119 61.2 49.0 73.4





#57

Chlorobenzene

Concen: 9.890 ppbv

RT: 8.917 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL042534.D

Acq: 12 May 2025 16:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL051225

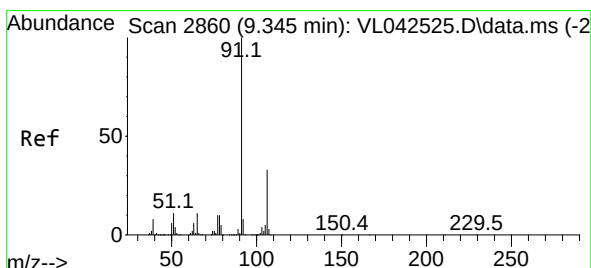
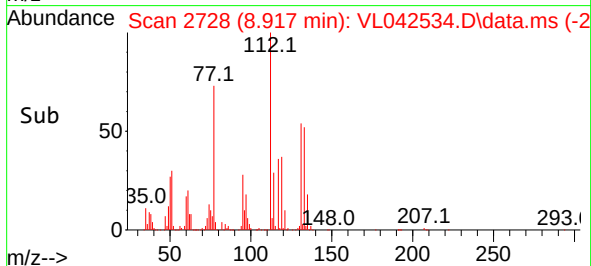
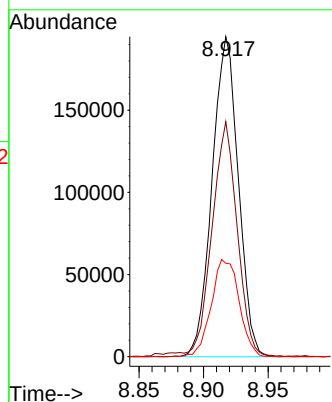
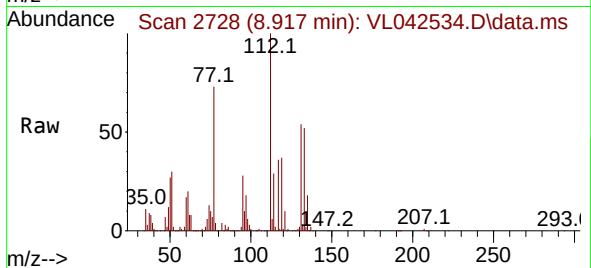
Tgt Ion:112 Resp: 274500

Ion	Ratio	Lower	Upper
112	100		
77	73.1	53.6	80.4
114	29.2	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: 12.941 ppbv

RT: 9.351 min Scan# 2862

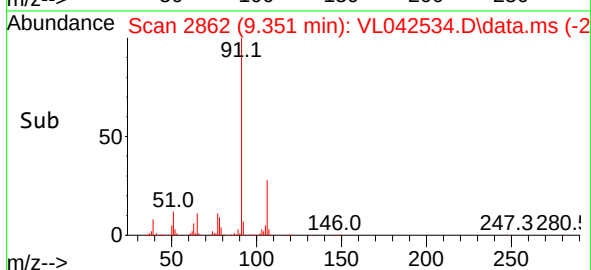
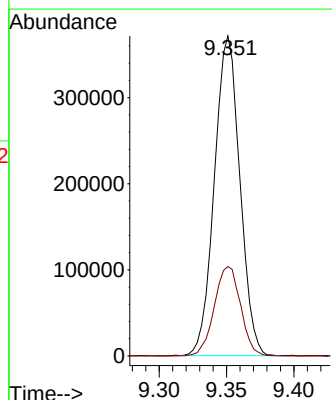
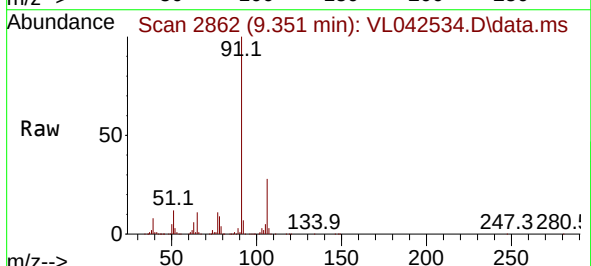
Delta R.T. 0.006 min

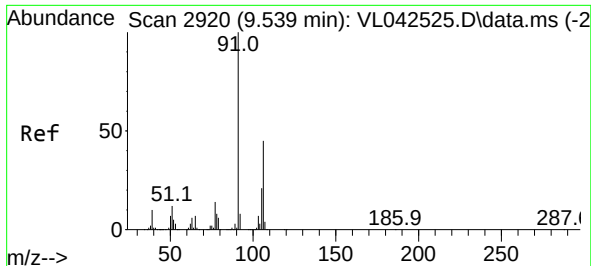
Lab File: VL042534.D

Acq: 12 May 2025 16:10

Tgt Ion: 91 Resp: 487590

Ion	Ratio	Lower	Upper
91	100		
106	28.0	26.0	39.0





#59

m/p-Xylene

Concen: 24.002 ppbv m

RT: 9.529 min Scan# 2920

Delta R.T. -0.010 min

Lab File: VL042534.D

Acq: 12 May 2025 16:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL051225

Tgt Ion: 91 Resp: 803149

Ion Ratio Lower Upper

91 100

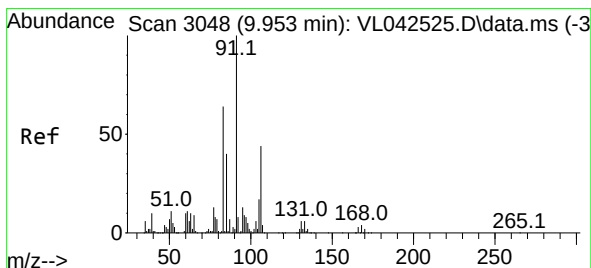
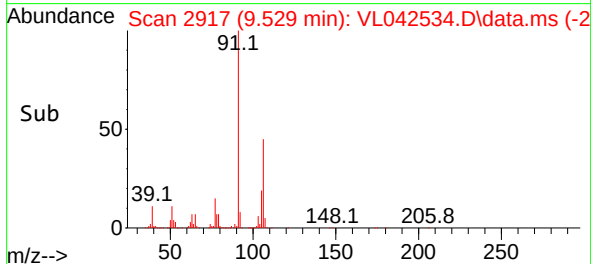
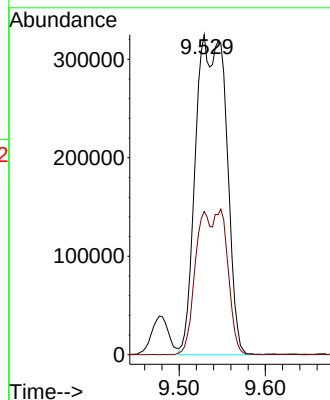
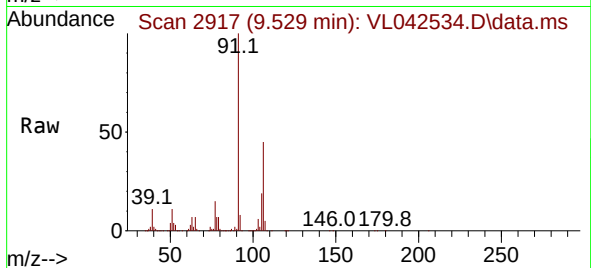
106 45.6 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#60

o-Xylene

Concen: 12.495 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VL042534.D

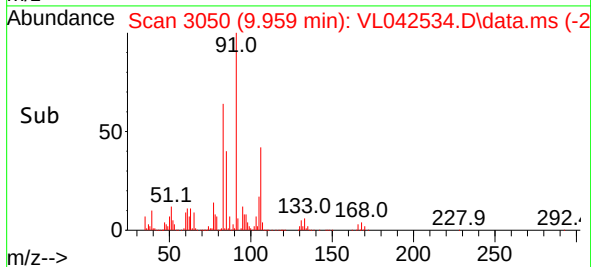
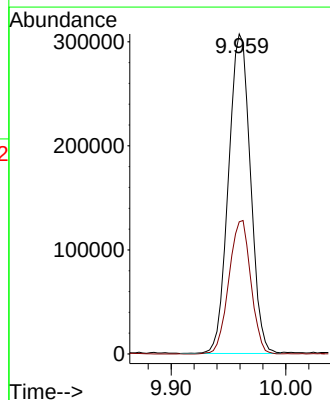
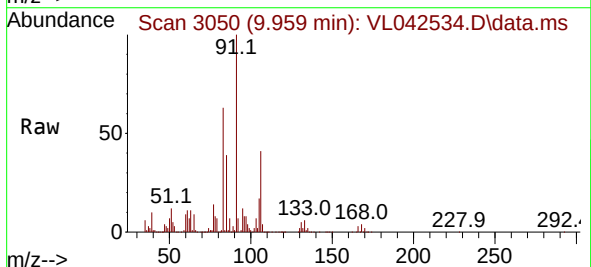
Acq: 12 May 2025 16:10

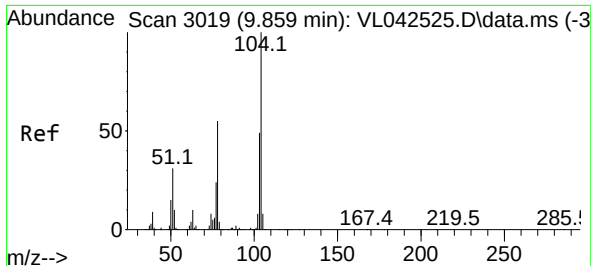
Tgt Ion: 91 Resp: 408333

Ion Ratio Lower Upper

91 100

106 41.7 21.6 64.6





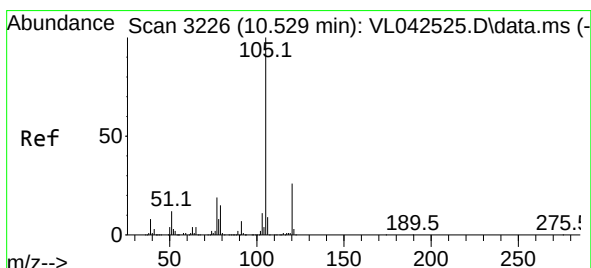
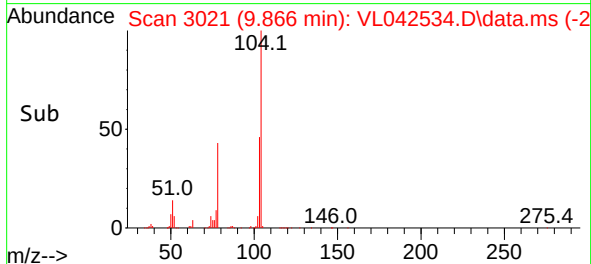
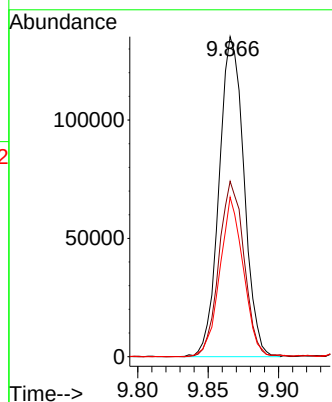
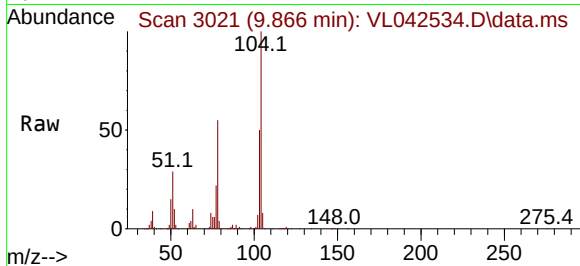
#61
Styrene
Concen: 13.737 ppbv
RT: 9.866 min Scan# 3019
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225

Tgt Ion:104 Resp: 166262
Ion Ratio Lower Upper
104 100
78 55.6 44.7 67.1
103 47.5 38.6 58.0

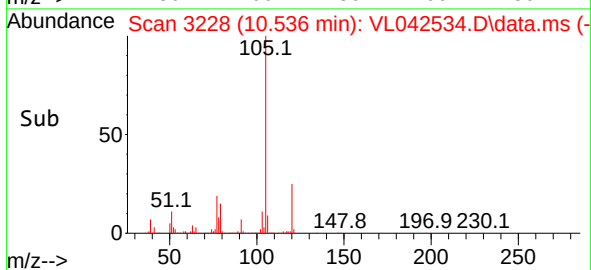
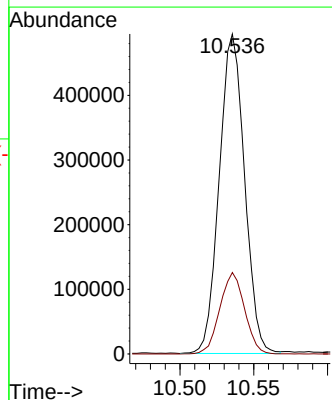
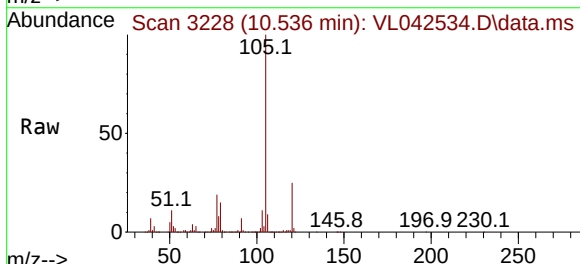
Manual Integrations
APPROVED

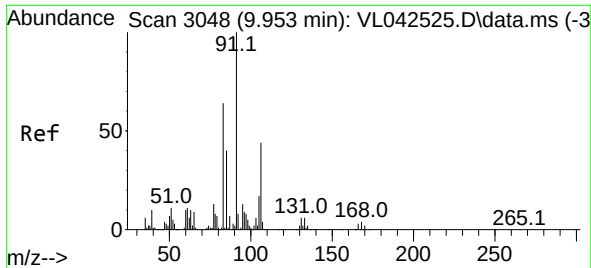
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#62
Isopropylbenzene
Concen: 11.978 ppbv
RT: 10.536 min Scan# 3228
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

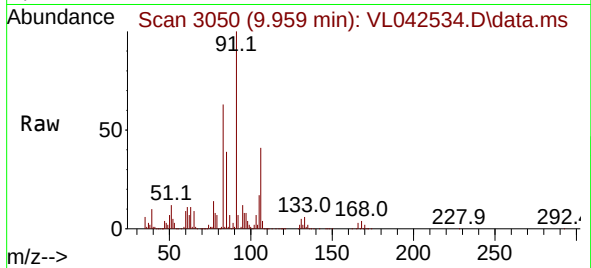
Tgt Ion:105 Resp: 589527
Ion Ratio Lower Upper
105 100
120 24.9 20.1 30.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.228 ppbv
RT: 9.959 min Scan# 3048
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

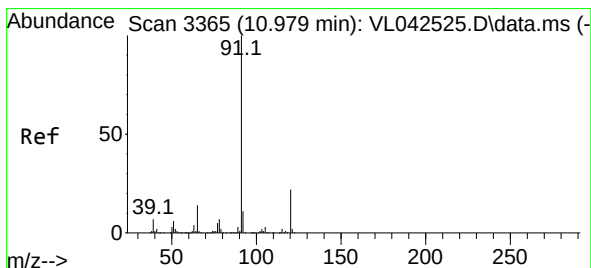
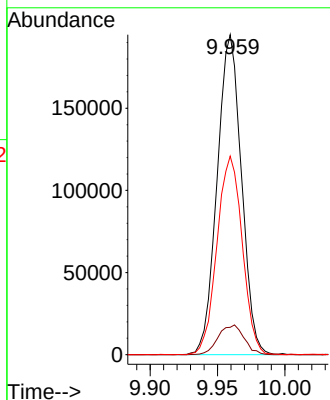
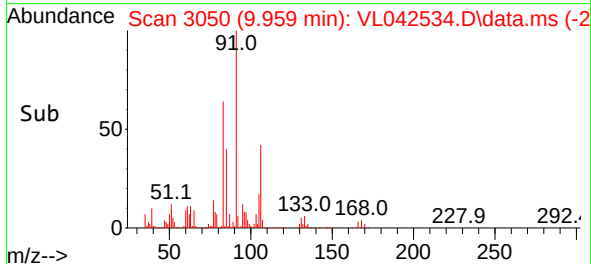
Instrument : MSVOA_L
ClientSampleId : ICVVL051225



Tgt Ion: 83 Resp: 244748
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.4 32.3 96.8

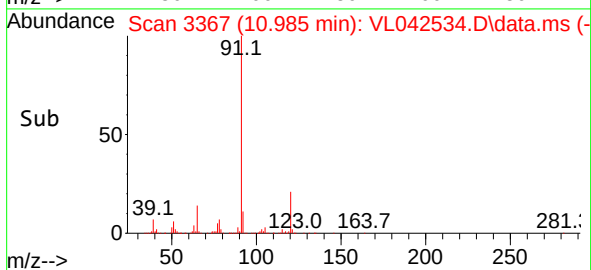
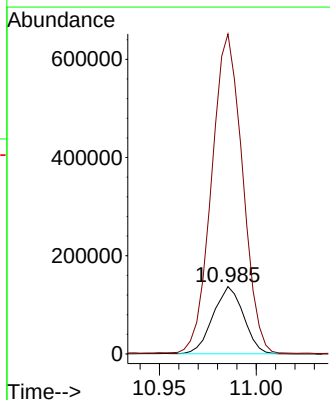
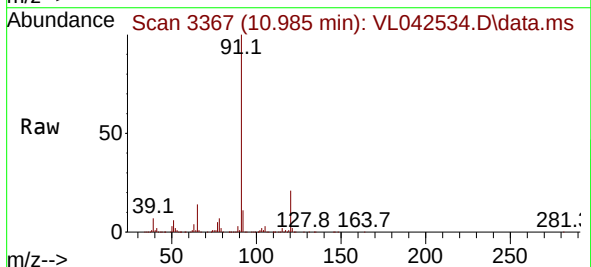
Manual Integrations
APPROVED

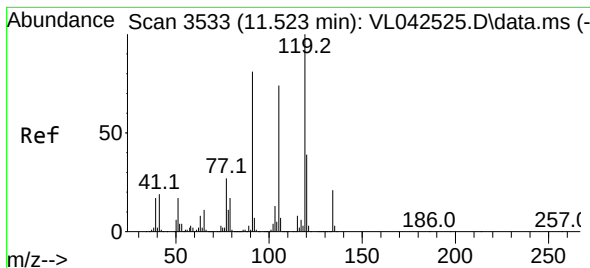
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#64
n-propylbenzene
Concen: 11.993 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Tgt Ion:120 Resp: 149858
Ion Ratio Lower Upper
120 100
91 484.0 377.7 566.5





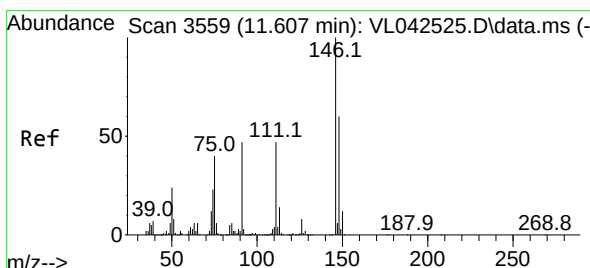
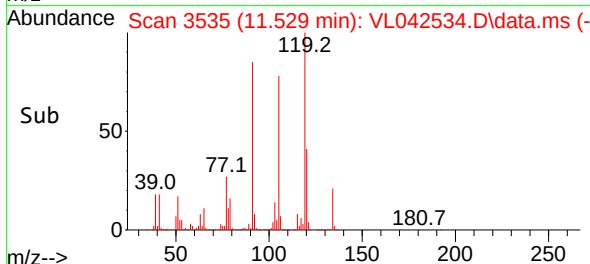
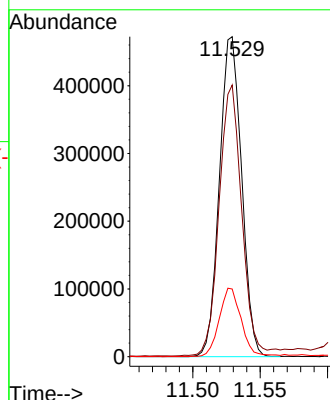
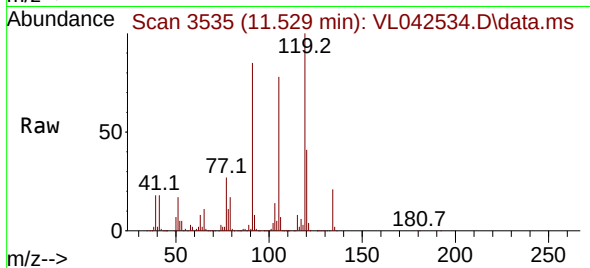
#65
tert-Butylbenzene
Concen: 11.963 ppbv
RT: 11.529 min Scan# 3533
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225

Tgt Ion: 119 Resp: 54064
Ion Ratio Lower Upper
119 100
91 87.6 66.6 99.8
134 21.3 16.3 24.5

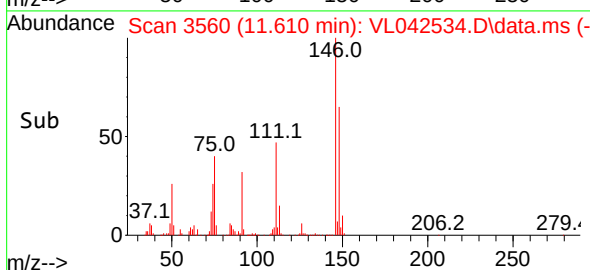
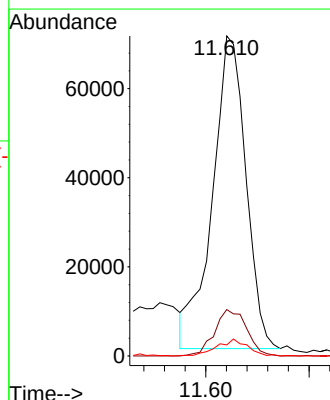
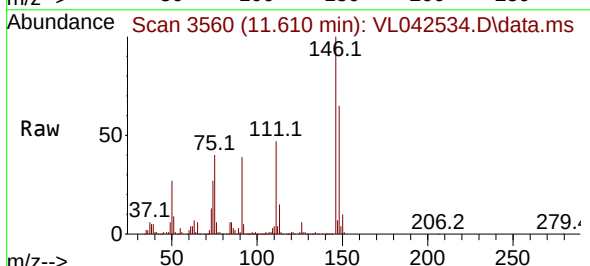
Manual Integrations
APPROVED

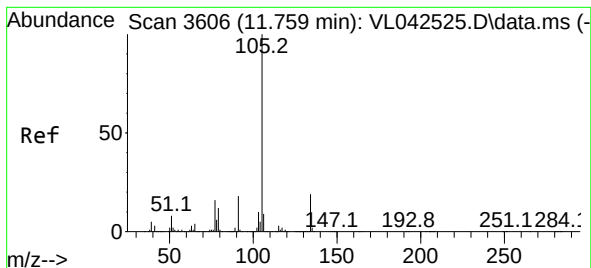
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#66
Benzyl Chloride
Concen: 13.151 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

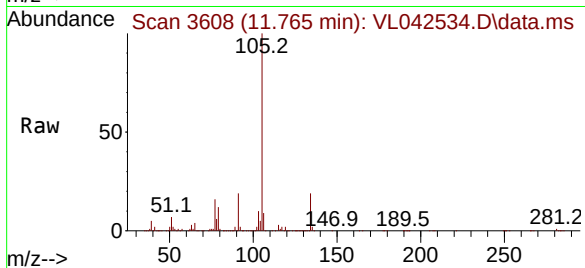
Tgt Ion: 91 Resp: 78976
Ion Ratio Lower Upper
91 100
126 14.4 13.7 20.5
128 5.1 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 11.283 ppbv
 RT: 11.765 min Scan# 3608
 Delta R.T. 0.006 min
 Lab File: VL042534.D
 Acq: 12 May 2025 16:10

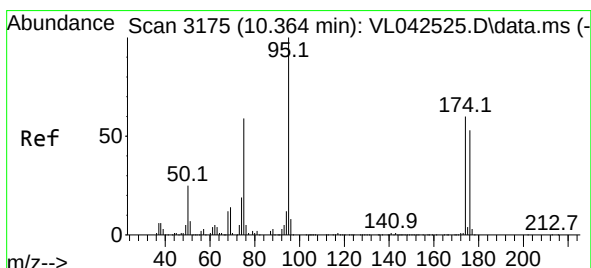
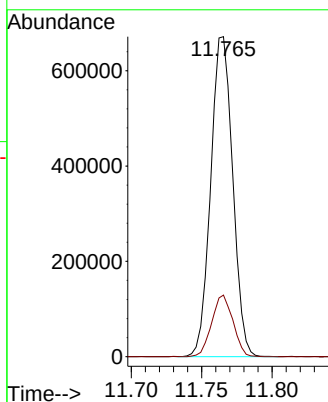
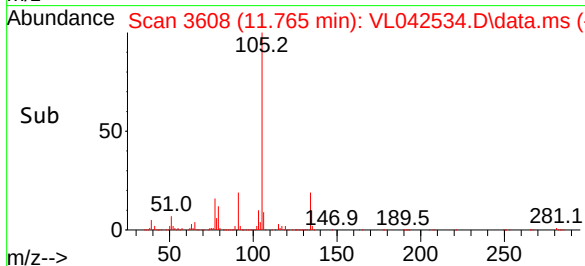
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL051225



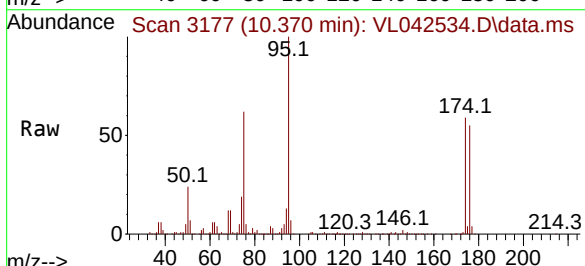
Tgt Ion:105 Resp: 73111
 Ion Ratio Lower Upper
 105 100
 134 18.7 14.9 22.3

Manual Integrations
 APPROVED

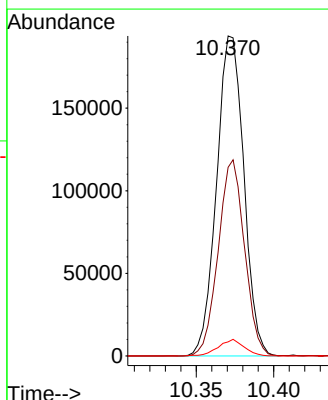
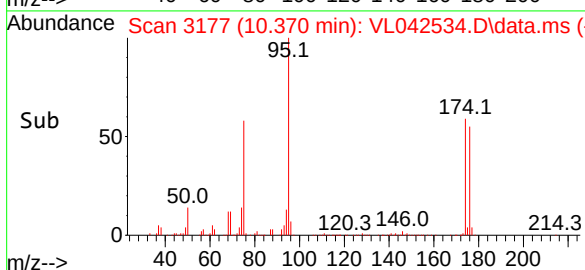
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

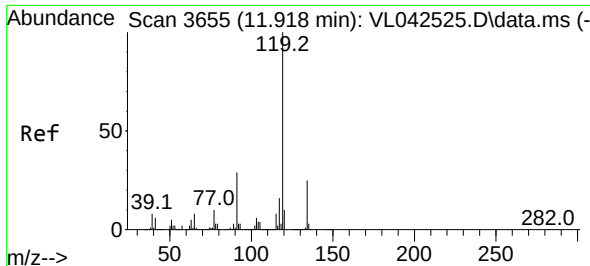


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.861 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. 0.006 min
 Lab File: VL042534.D
 Acq: 12 May 2025 16:10



Tgt Ion: 95 Resp: 237168
 Ion Ratio Lower Upper
 95 100
 174 59.3 48.0 72.0
 175 4.9 3.5 5.3





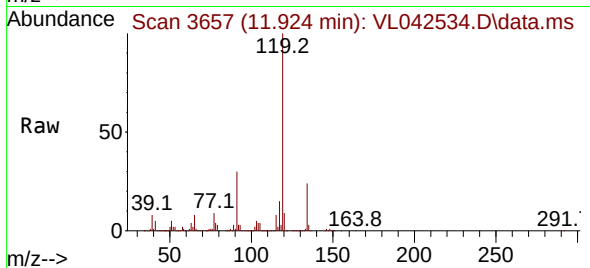
#69
p-Isopropyltoluene
Concen: 11.921 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL051225

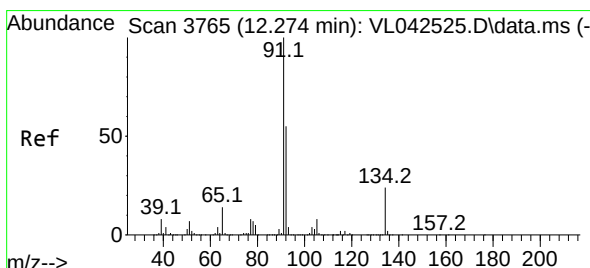
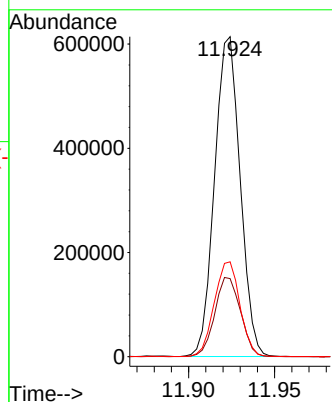
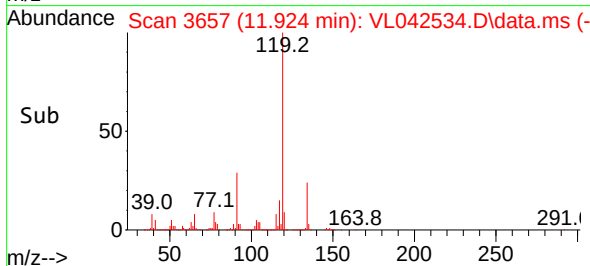


Tgt Ion: 119 Resp: 635040
Ion Ratio Lower Upper
119 100
134 25.1 19.8 29.6
91 29.9 23.6 35.4

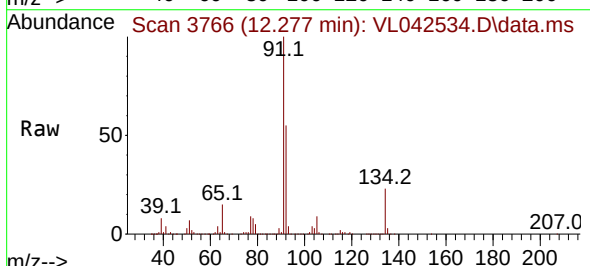
Manual Integrations

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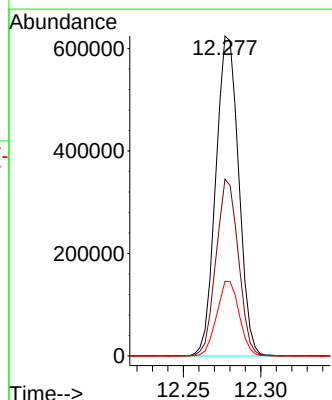
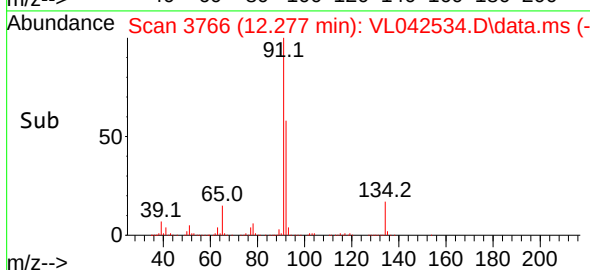
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

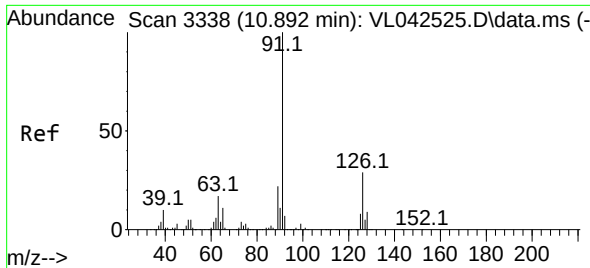


#70
n-Butylbenzene
Concen: 12.192 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



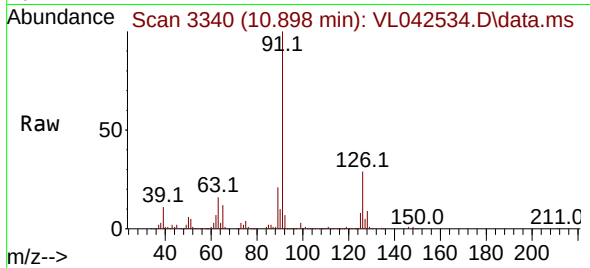
Tgt Ion: 91 Resp: 641756
Ion Ratio Lower Upper
91 100
92 53.8 43.7 65.5
134 23.0 18.9 28.3





#71
2-Chlorotoluene
Concen: 12.354 ppbv
RT: 10.898 min Scan# 3338
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

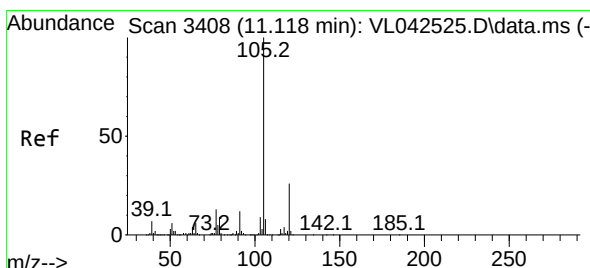
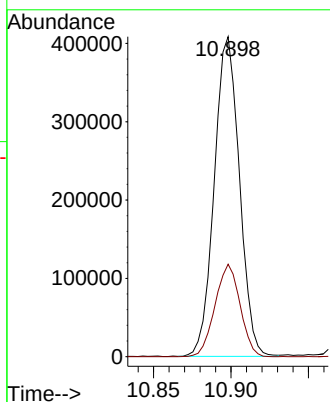
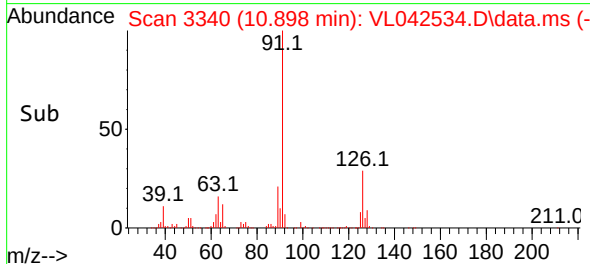
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



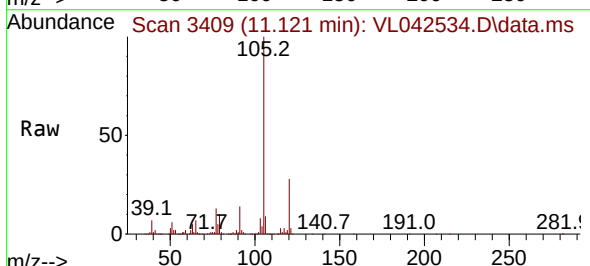
Tgt Ion: 91 Resp: 460410
Ion Ratio Lower Upper
91 100
126 28.8 11.4 45.6

Manual Integrations
APPROVED

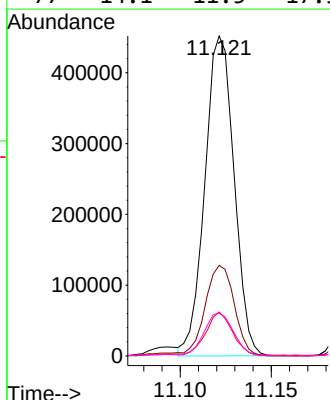
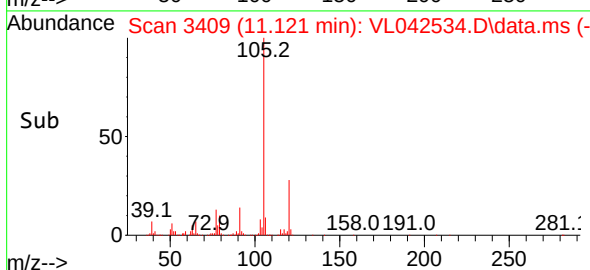
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

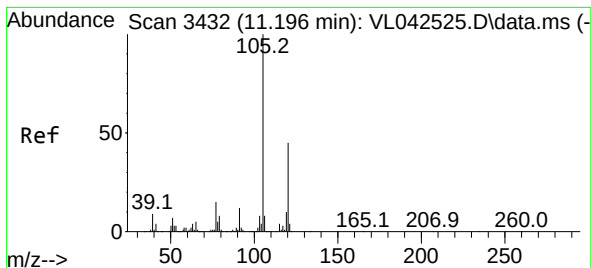


#72
4-Ethyltoluene
Concen: 12.435 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



Tgt Ion:105 Resp: 504066
Ion Ratio Lower Upper
105 100
120 29.2 22.9 34.3
91 12.9 10.9 16.3
77 14.1 11.5 17.3





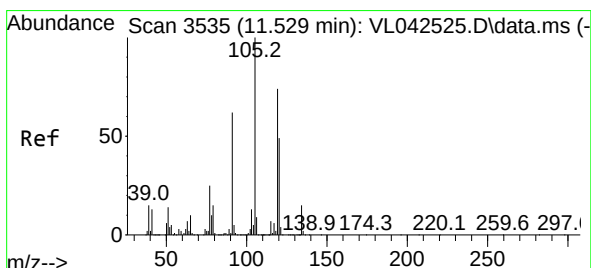
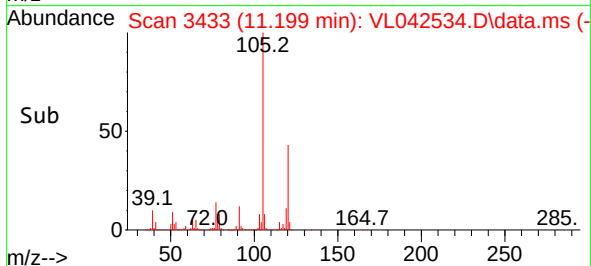
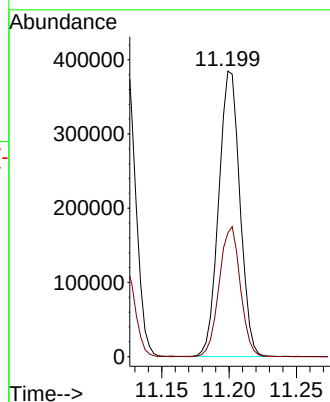
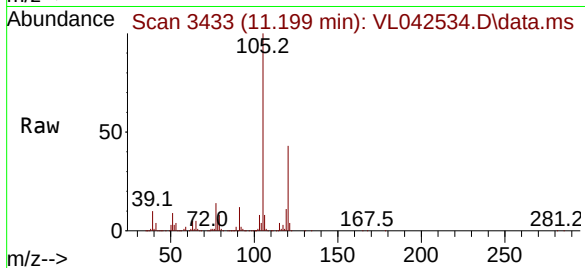
#73
1,3,5-Trimethylbenzene
Concen: 11.906 ppbv
RT: 11.199 min Scan# 3433
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225

Tgt Ion:105 Resp: 42039
Ion Ratio Lower Upper
105 100
120 43.3 36.0 54.0

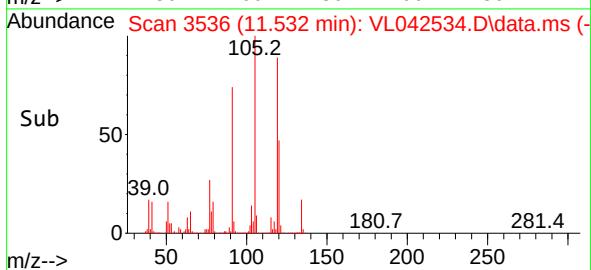
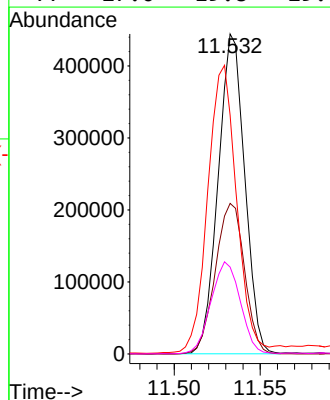
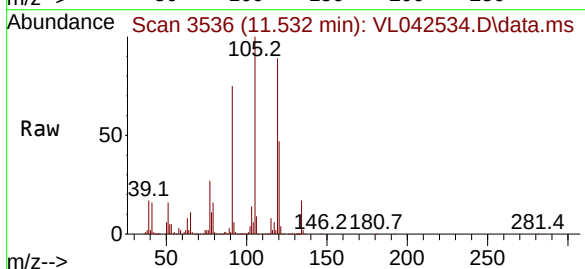
Manual Integrations
APPROVED

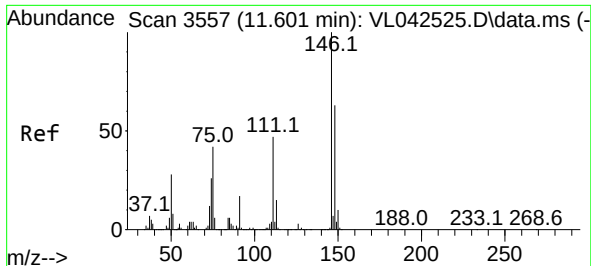
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#74
1,2,4-Trimethylbenzene
Concen: 10.983 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

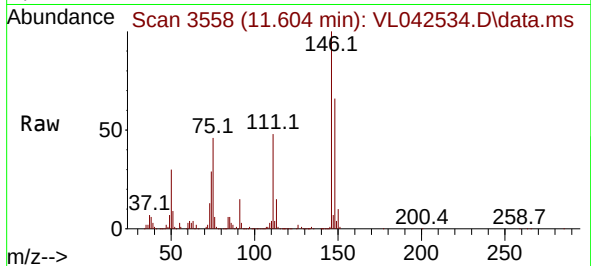
Tgt Ion:105 Resp: 477131
Ion Ratio Lower Upper
105 100
120 47.0 39.0 58.6
91 73.8 49.4 74.2
77 27.0 19.8 29.6





#75
1,3-Dichlorobenzene
Concen: 10.479 ppbv
RT: 11.604 min Scan# 3557
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

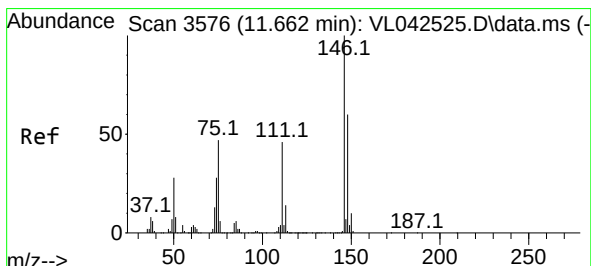
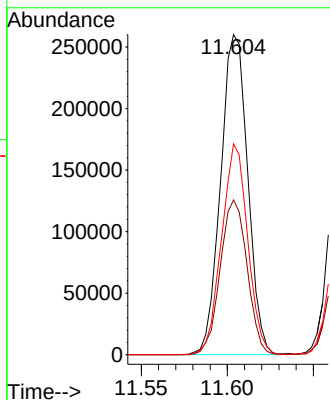
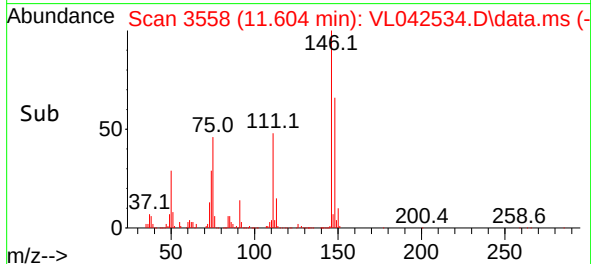
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



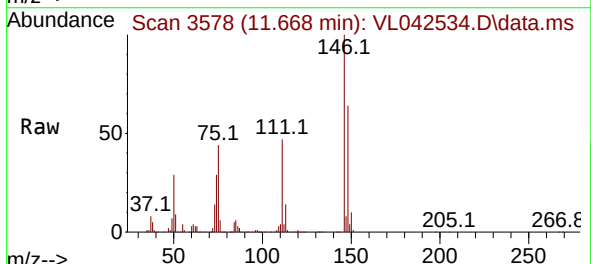
Tgt Ion:146 Resp: 285094
Ion Ratio Lower Upper
146 100
111 47.9 23.6 71.0
148 63.5 31.6 94.8

Manual Integrations
APPROVED

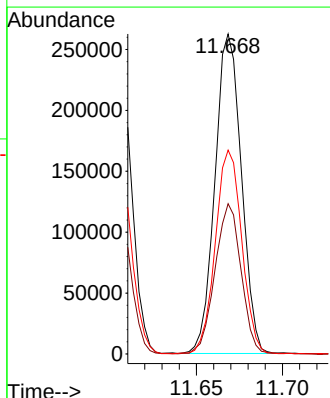
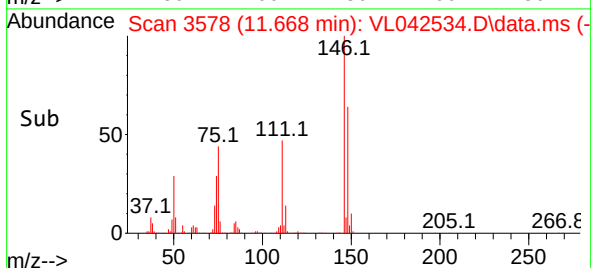
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

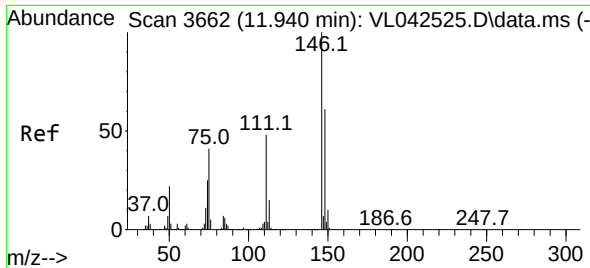


#76
1,4-Dichlorobenzene
Concen: 10.829 ppbv
RT: 11.668 min Scan# 3578
Delta R.T. 0.006 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



Tgt Ion:146 Resp: 280324
Ion Ratio Lower Upper
146 100
111 46.5 23.4 70.3
148 64.1 31.6 94.7





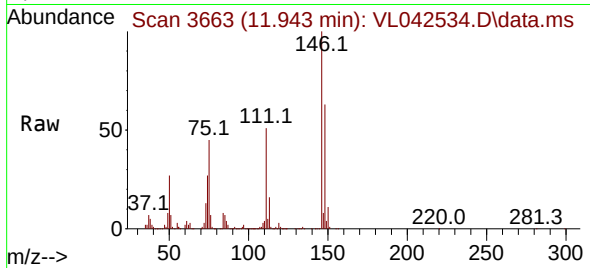
#77
1,2-Dichlorobenzene
Concen: 9.590 ppbv
RT: 11.943 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL051225

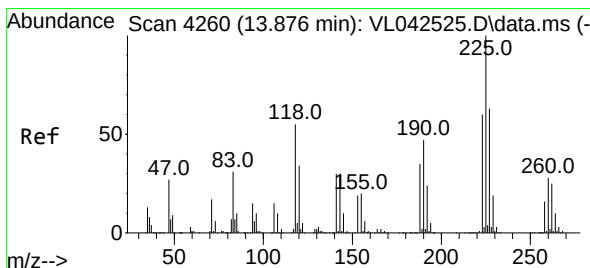
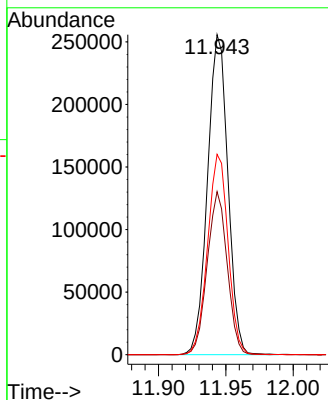
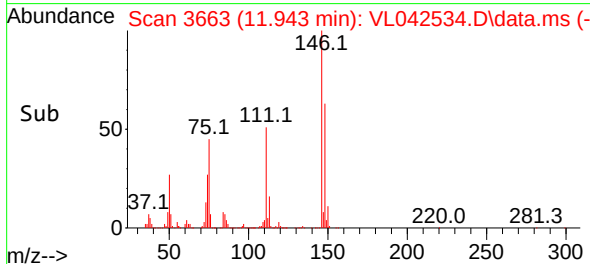


Tgt Ion:146 Resp: 269510
Ion Ratio Lower Upper
146 100
111 49.9 24.9 74.8
148 62.9 31.4 94.2

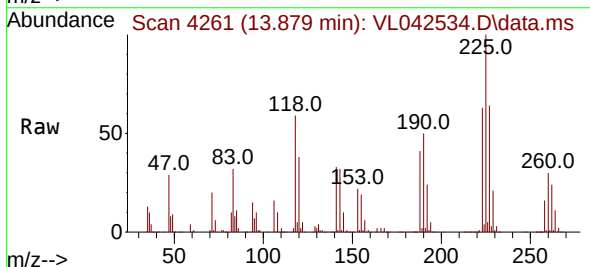
Manual Integrations

APPROVED

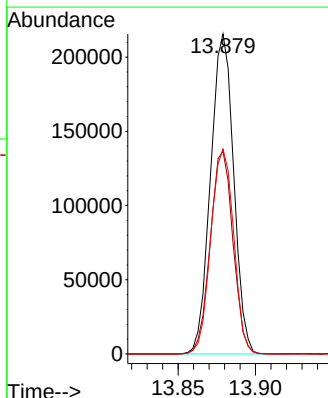
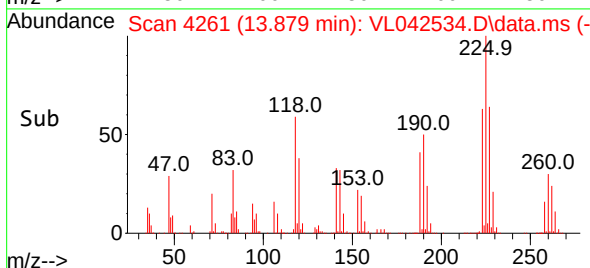
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

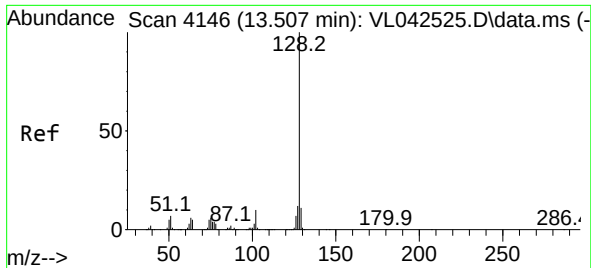


#78
Hexachloro-1,3-Butadiene
Concen: 9.265 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



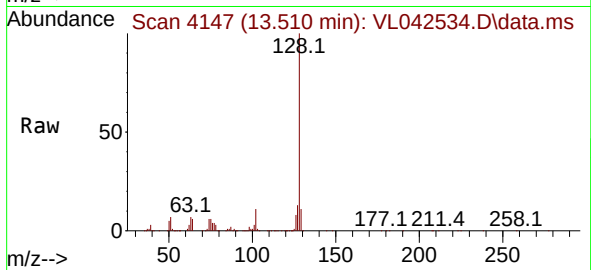
Tgt Ion:225 Resp: 223250
Ion Ratio Lower Upper
225 100
223 62.5 50.8 76.2
227 63.4 50.5 75.7





#79
Naphthalene
Concen: 15.035 ppbv
RT: 13.510 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10

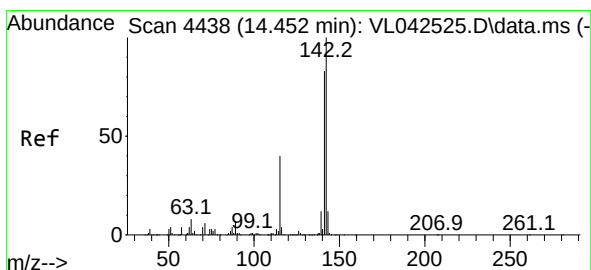
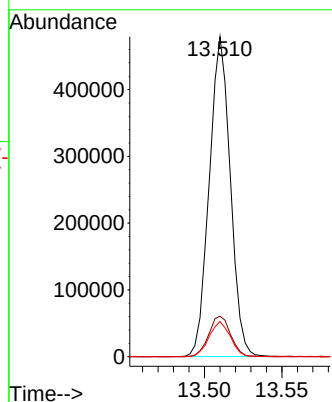
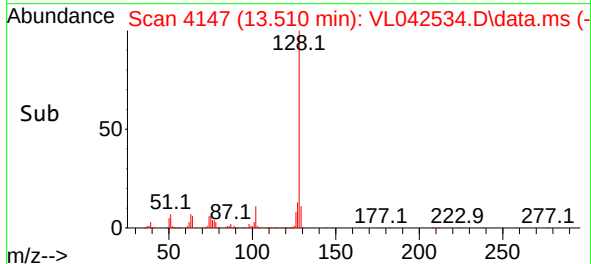
Instrument :
MSVOA_L
ClientSampleId :
ICVVL051225



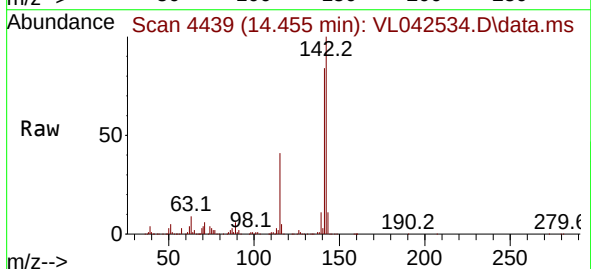
Tgt Ion:128 Resp: 452623
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.8
129 11.0 8.6 12.8

Manual Integrations
APPROVED

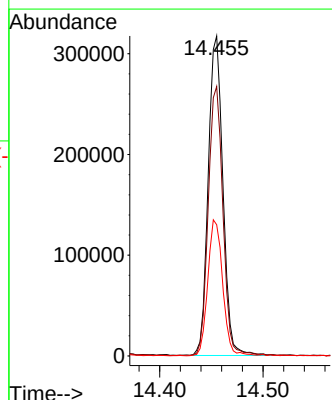
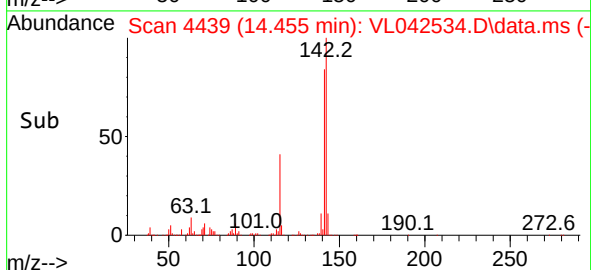
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

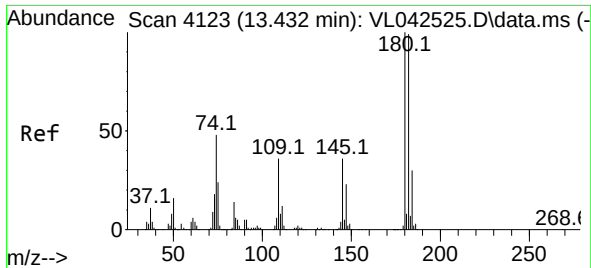


#80
Naphthalene,2-methyl-
Concen: 18.008 ppbv
RT: 14.455 min Scan# 4439
Delta R.T. 0.003 min
Lab File: VL042534.D
Acq: 12 May 2025 16:10



Tgt Ion:142 Resp: 312897
Ion Ratio Lower Upper
142 100
141 84.7 66.8 100.2
115 43.7 33.0 49.6





#81

1,2,4-Trichlorobenzene

Concen: 13.190 ppbv

RT: 13.436 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042534.D

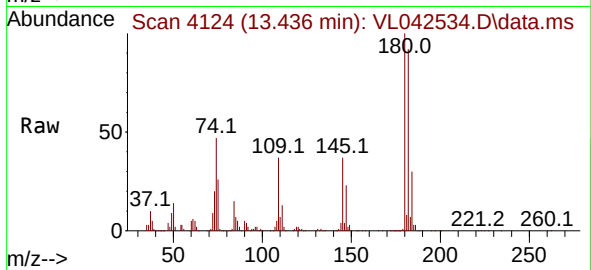
Acq: 12 May 2025 16:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL051225



Tgt Ion:180 Resp: 241524

Ion Ratio Lower Upper

180 100

182 93.7 76.6 114.8

184 30.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025

