

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042603.D
 Acq On : 03 Jun 2025 09:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/04/2025
 Supervised By : Mahesh Dadoda 06/06/2025

Quant Time: Jun 04 01:36:19 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

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

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	103651	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	286148	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	257739	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 199753 10.339 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	117468	9.221	ppbv	99
3) Chlorodifluoromethane	1.476	51	156759	8.935	ppbv	99
4) Chloromethane	1.531	50	45396	8.999	ppbv	99
5) Vinyl Chloride	1.580	62	42371	8.245	ppbv	97
6) Bromomethane	1.667	94	21400	8.556	ppbv	98
7) Chloroethane	1.703	64	17059	8.543	ppbv	96
8) Dichlorotetrafluoroethane	1.554	85	96775	9.117	ppbv	100
9) Propene	1.483	41	60913	8.621	ppbv	99
10) Heptane	4.978	43	174657	8.770	ppbv	100
11) Trichlorofluoromethane	1.878	101	114301	9.643	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.140	101	86144	9.255	ppbv	99
13) Ethanol	1.722	45	4651	5.524	ppbv	89
14) Bromoethene	1.780	108	32007	9.142	ppbv	98
15) Acetone	1.835	43	96314	7.714	ppbv	99
16) 1,3-Butadiene	1.609	39	50360	8.515	ppbv	97
17) tert-Butyl alcohol	2.039	59	116438	8.952	ppbv	100
18) 1,1-Dichloroethene	2.033	96	38780	8.989	ppbv	92
19) Isopropyl Alcohol	1.884	45	64531	8.646	ppbv	97
20) Methylene Chloride	2.062	84	32530	7.895	ppbv	98
21) Allyl Chloride	2.094	41	78756	8.940	ppbv	99
22) trans-1,2-Dichloroethene	2.340	96	43046	8.933	ppbv	94
23) Vinyl Acetate	2.460	43	167783	9.942	ppbv	98
24) 1,1-Dichloroethane	2.408	63	88857	8.962	ppbv	100
25) Ethyl Acetate	2.836	43	312603	9.149	ppbv	99
26) Hexane	2.823	57	136454	8.789	ppbv	98
27) Carbon Disulfide	2.149	76	109303	9.171	ppbv	94
28) Methyl tert-Butyl Ether	2.438	73	52508	8.335	ppbv	99
29) Chloroform	2.849	83	194078	9.613	ppbv	100
30) Cyclohexane	3.855	84	113479	8.817	ppbv	97
31) cis-1,2-Dichloroethene	2.719	61	132152	9.305	ppbv	99
32) 1,1,1-Trichloroethane	3.366	97	192143	9.315	ppbv	98
34) 2-Butanone	2.557	43	203595	9.977	ppbv	99
35) Carbon Tetrachloride	3.761	117	194011	10.271	ppbv	98
36) Benzene	3.654	78	273248	9.697	ppbv	100
37) 1,2-Dichloroethane	3.218	62	150367	10.737	ppbv	98
38) Trichloroethene	4.548	130	111669	9.323	ppbv	95
39) 1,2-Dichloropropane	4.312	63	99730	9.571	ppbv	97
40) 1,4-Dioxane	4.580	88	44872	9.623	ppbv #	94
41) Tetrahydrofuran	3.052	42	113671	9.516	ppbv	99
42) Bromodichloromethane	4.486	83	210804	10.598	ppbv	95
43) Methyl Methacrylate	4.878	69	106339	9.723	ppbv	98
44) 2,2,4-Trimethylpentane	4.638	57	463354	9.613	ppbv	99
45) t-1,3-Dichloropropene	6.412	75	123957	9.905	ppbv	98

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/04/2025
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Quant Time: Jun 04 01:36:19 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

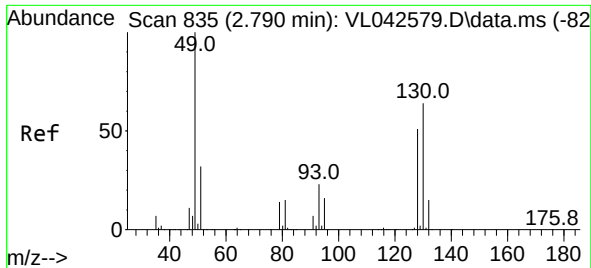
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

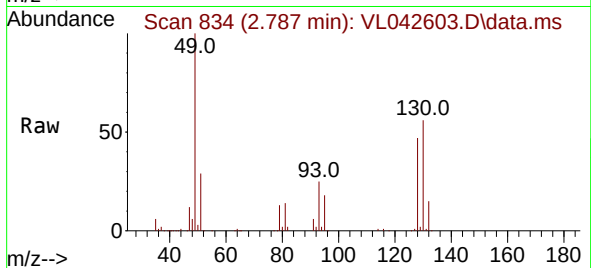
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	154808	9.872	ppbv	94
47) 1,1,2-Trichloroethane	6.580	97	106058	9.832	ppbv	93
48) Dibromochloromethane	7.390	129	174596	10.111	ppbv	98
49) Bromoform	9.484	173	149026	10.002	ppbv	99
50) 4-Methyl-2-Pentanone	5.752	43	275211	9.723	ppbv	100
51) 2-Hexanone	7.435	43	221659	9.874	ppbv #	98
52) Tetrachloroethene	8.221	164	95597	9.079	ppbv	99
53) Toluene	6.933	91	309534	9.504	ppbv	99
54) 1,2-Dibromoethane	7.652	107	155912	9.765	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.924	131	129281	9.976	ppbv	100
57) Chlorobenzene	8.924	112	237104	9.474	ppbv	98
58) Ethyl Benzene	9.354	91	423449	9.686	ppbv	97
59) m/p-Xylene	9.552	91	672557m	19.548	ppbv	
60) o-Xylene	9.966	91	335687	9.783	ppbv	98
61) Styrene	9.869	104	155358	9.576	ppbv	97
62) Isopropylbenzene	10.539	105	491695	9.699	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.963	83	210420	9.644	ppbv	100
64) n-propylbenzene	10.989	120	129627	9.539	ppbv	96
65) tert-Butylbenzene	11.532	119	431902	9.389	ppbv	98
66) Benzyl Chloride	11.617	91	55882	9.437	ppbv	99
67) sec-Butylbenzene	11.769	105	613548	9.486	ppbv	98
69) p-Isopropyltoluene	11.927	119	508995	9.398	ppbv	98
70) n-Butylbenzene	12.280	91	522086	9.765	ppbv	98
71) 2-Chlorotoluene	10.901	91	374154	9.676	ppbv	98
72) 4-Ethyltoluene	11.125	105	415540	9.713	ppbv	98
73) 1,3,5-Trimethylbenzene	11.202	105	342857	9.683	ppbv	96
74) 1,2,4-Trimethylbenzene	11.539	105	375612	9.560	ppbv	96
75) 1,3-Dichlorobenzene	11.607	146	234817	9.516	ppbv	99
76) 1,4-Dichlorobenzene	11.672	146	235558	9.572	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	225433	9.413	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	168390	8.498	ppbv	99
79) Naphthalene	13.513	128	370828	10.012	ppbv	100
80) Naphthalene,2-methyl-	14.458	142	183040	10.939	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	195316	9.447	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

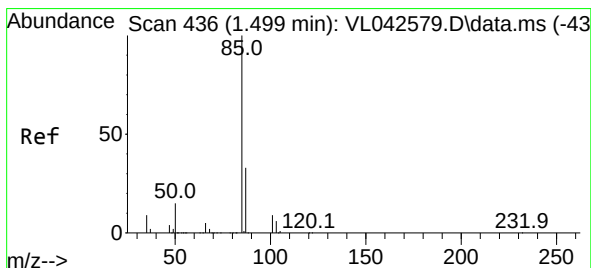
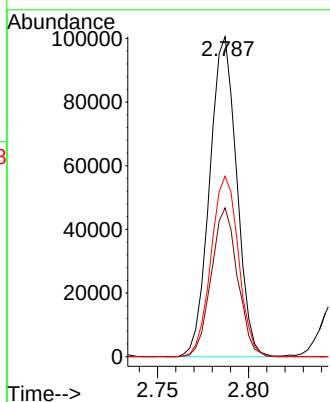
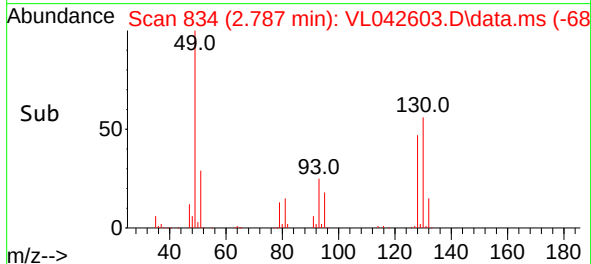
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



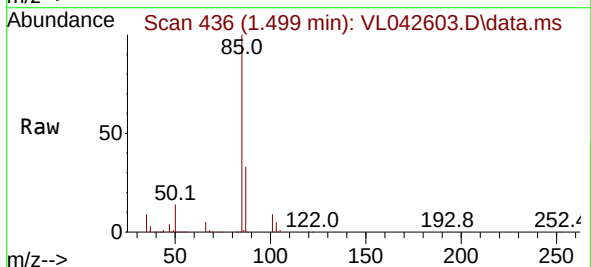
Tgt Ion: 49 Resp: 10365
Ion Ratio Lower Upper
49 100
128 45.1 24.2 72.6
130 57.1 30.4 91.2

Manual Integrations
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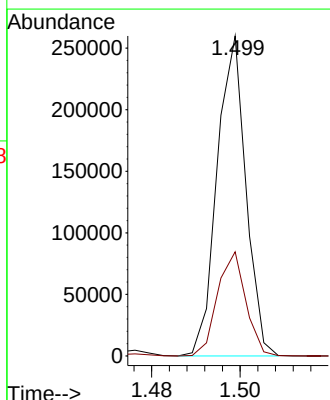
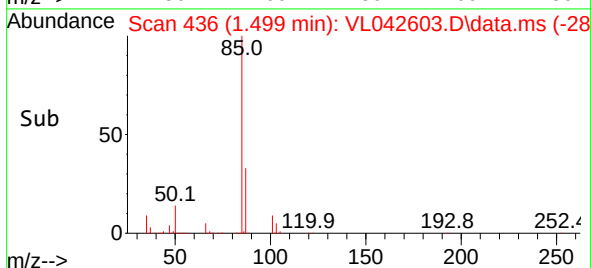
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

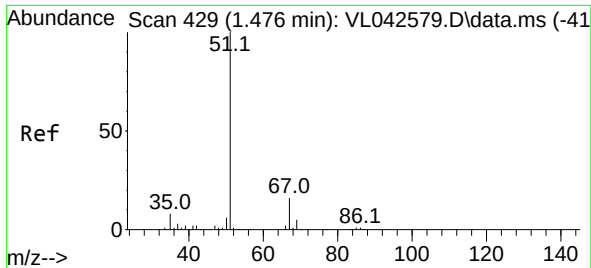


#2
Dichlorodifluoromethane
Concen: 9.221 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



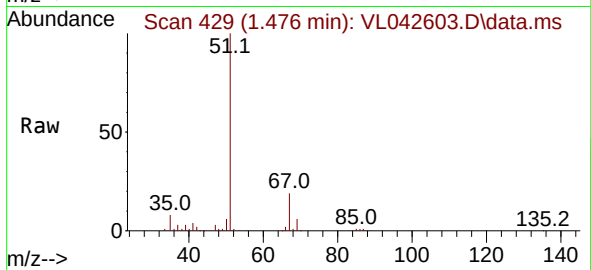
Tgt Ion: 85 Resp: 117468
Ion Ratio Lower Upper
85 100
87 32.5 26.6 39.8





#3
Chlorodifluoromethane
Concen: 8.935 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

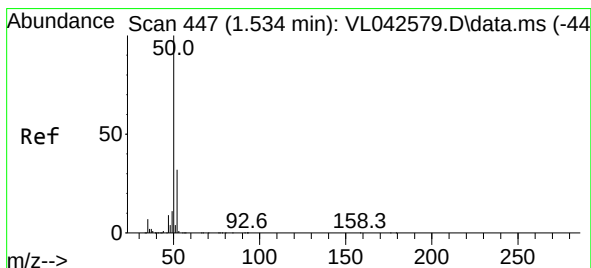
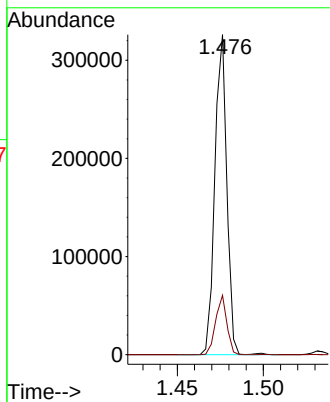
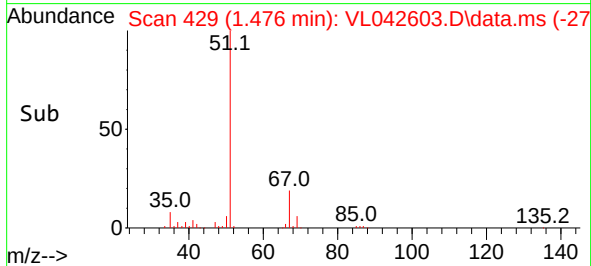
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



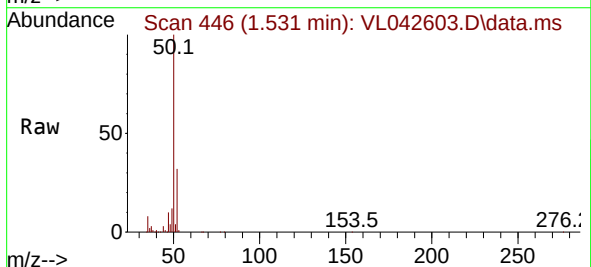
Tgt Ion: 51 Resp: 156759
Ion Ratio Lower Upper
51 100
67 17.4 13.4 20.2

Manual Integrations
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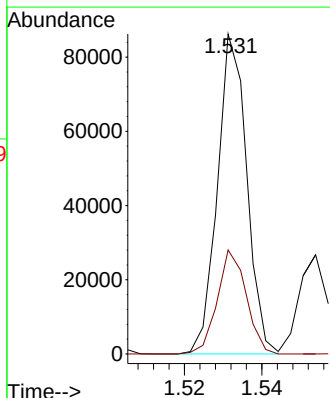
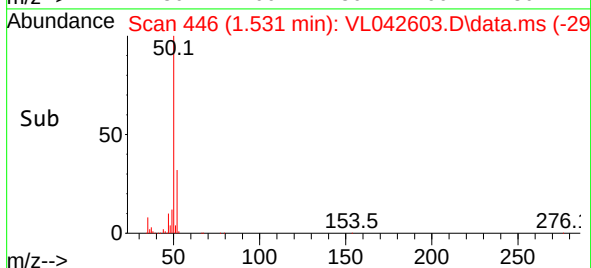
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

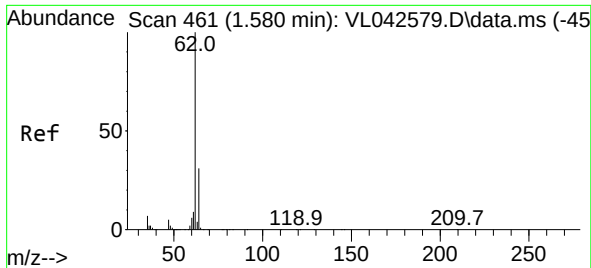


#4
Chloromethane
Concen: 8.999 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



Tgt Ion: 50 Resp: 45396
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.6





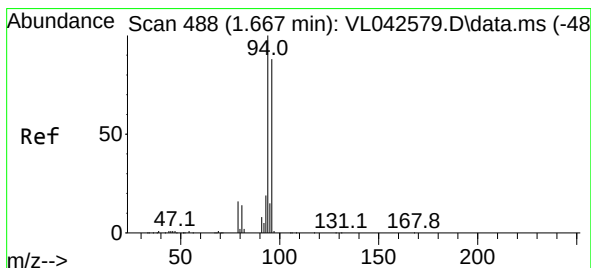
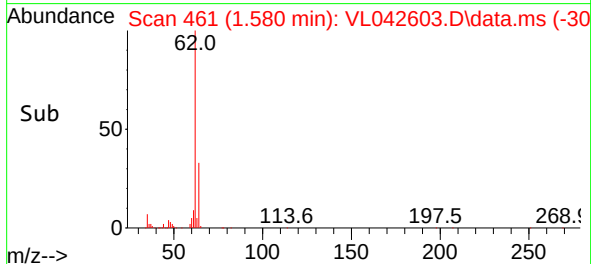
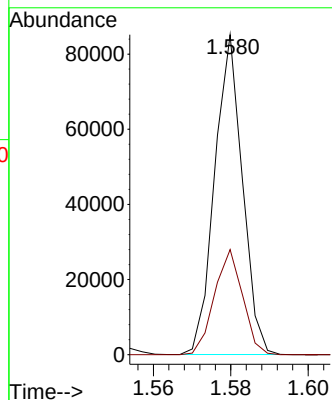
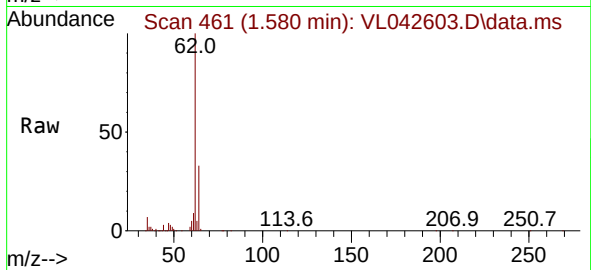
#5
 Vinyl Chloride
 Concen: 8.245 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 4237
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.9 37.3

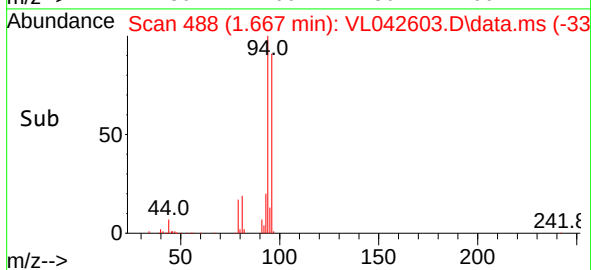
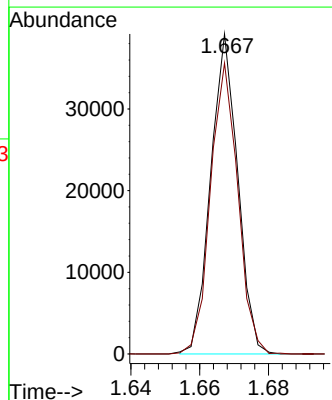
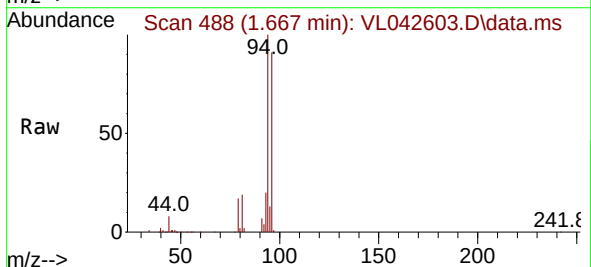
Manual Integrations
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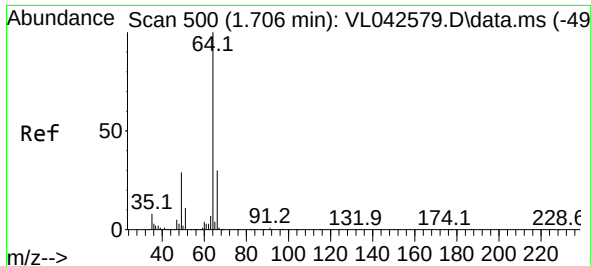
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#6
 Bromomethane
 Concen: 8.556 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57

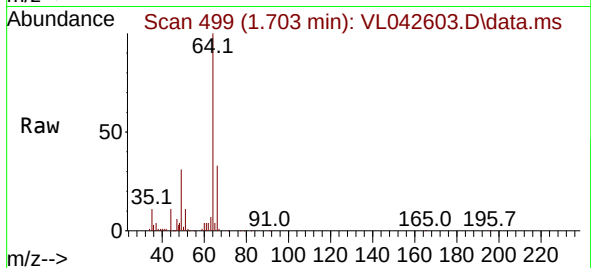
Tgt Ion: 94 Resp: 21400
 Ion Ratio Lower Upper
 94 100
 96 90.7 70.7 106.1





#7
Chloroethane
Concen: 8.543 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

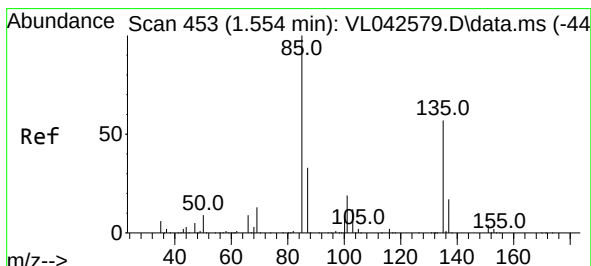
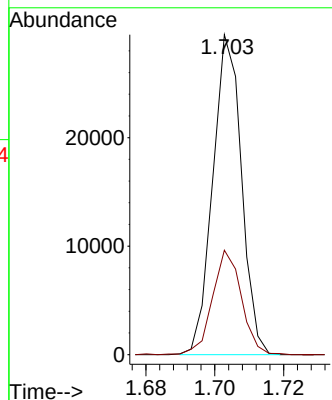
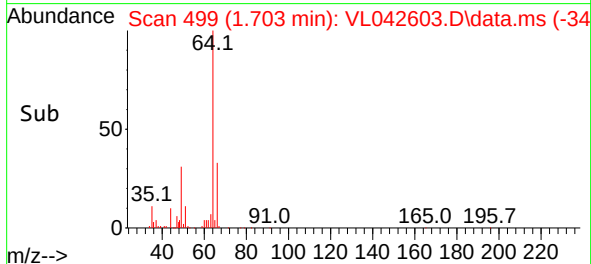
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 17059
Ion Ratio Lower Upper
64 100
66 32.6 24.3 36.5

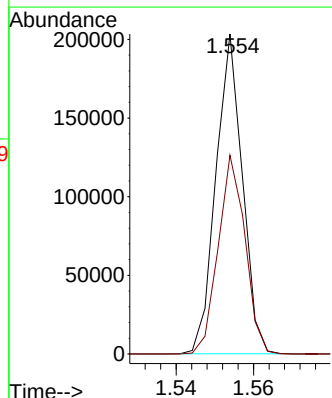
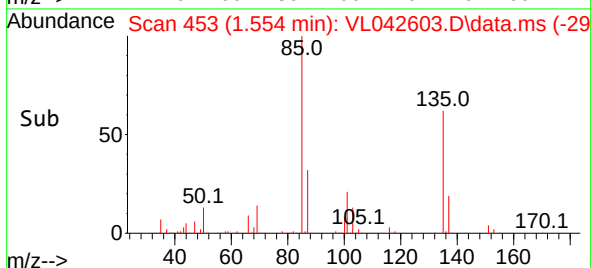
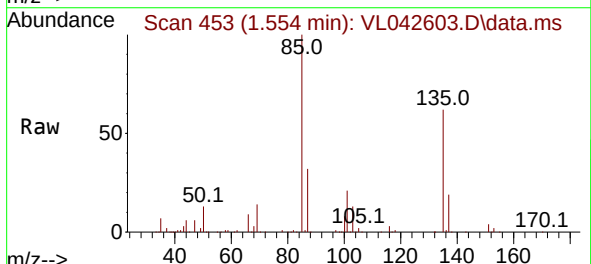
Manual Integrations
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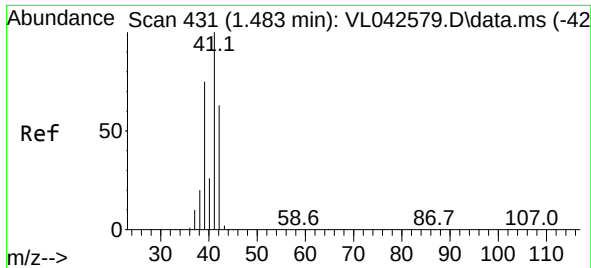
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#8
Dichlorotetrafluoroethane
Concen: 9.117 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Tgt Ion: 85 Resp: 96775
Ion Ratio Lower Upper
85 100
135 63.1 50.2 75.4





#9

Propene

Concen: 8.621 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042603.D

Acq: 03 Jun 2025 09:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 6091

Ion Ratio Lower Upper

41 100

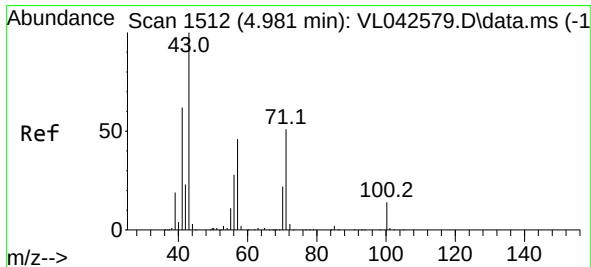
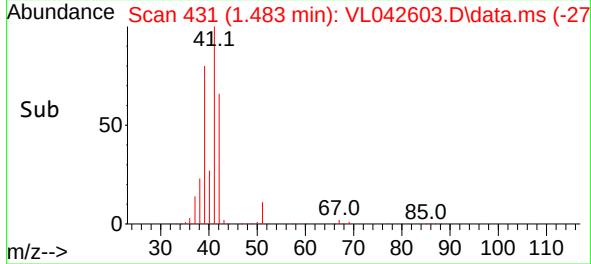
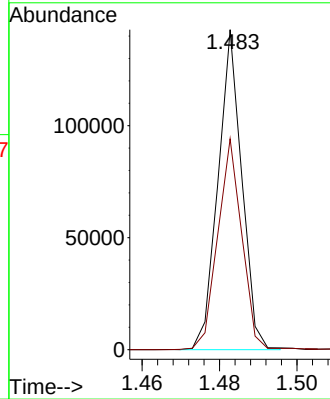
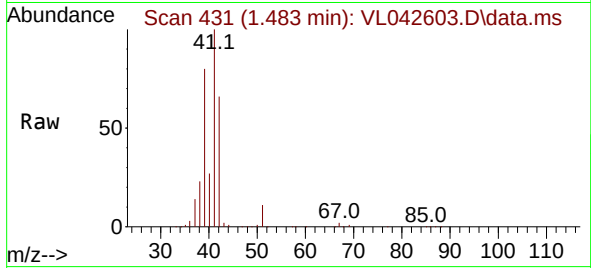
42 67.3 53.3 79.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#10

Heptane

Concen: 8.770 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. -0.003 min

Lab File: VL042603.D

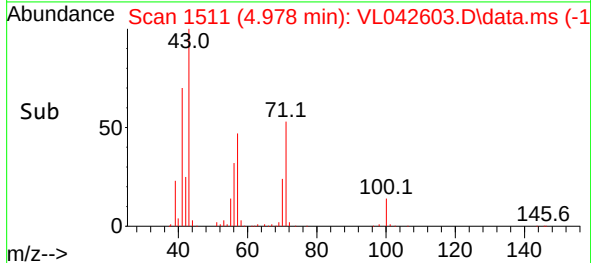
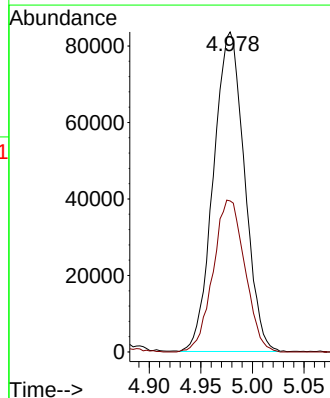
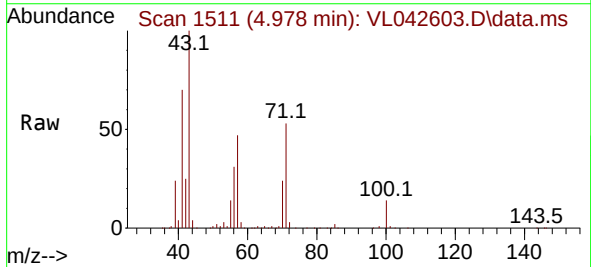
Acq: 03 Jun 2025 09:57

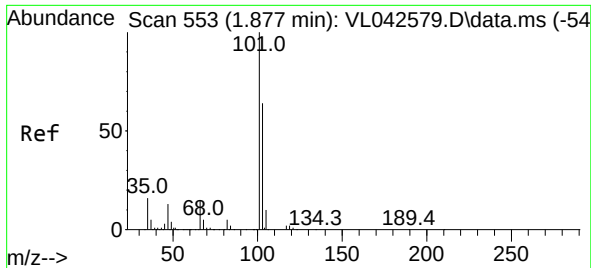
Tgt Ion: 43 Resp: 174657

Ion Ratio Lower Upper

43 100

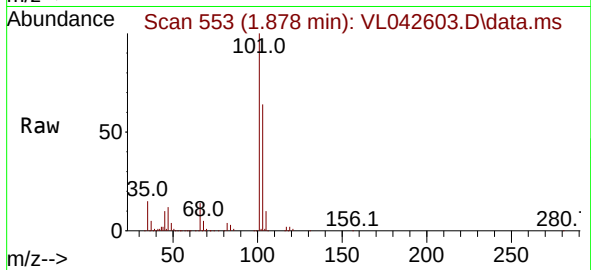
57 48.6 38.9 58.3





#11
 Trichlorofluoromethane
 Concen: 9.643 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57

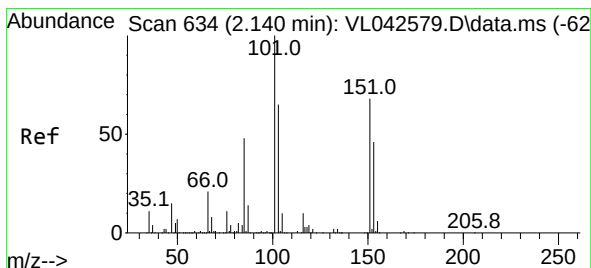
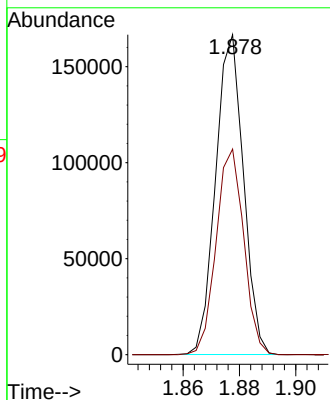
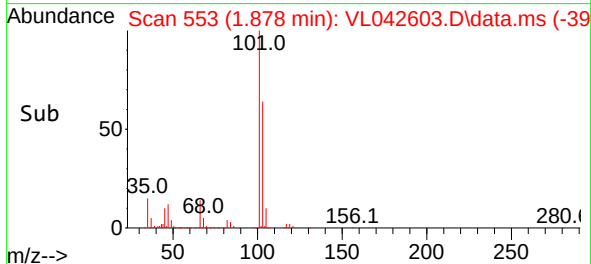
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



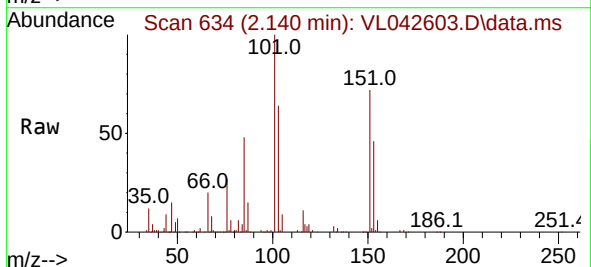
Tgt Ion:101 Resp: 11430
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.5 77.3

Manual Integrations
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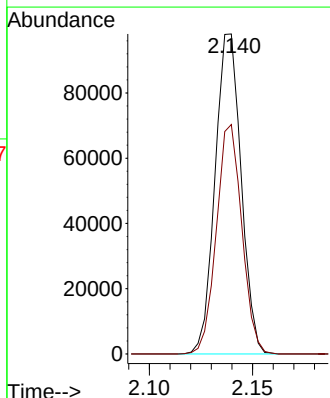
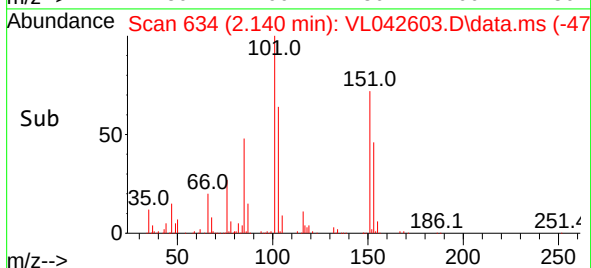
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025

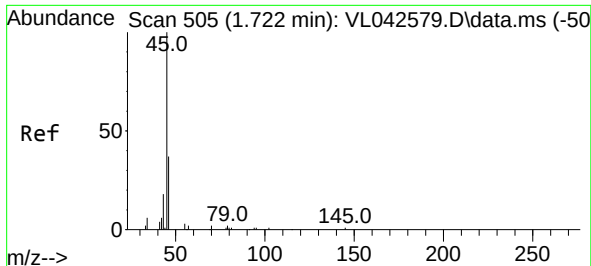


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.255 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.000 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57



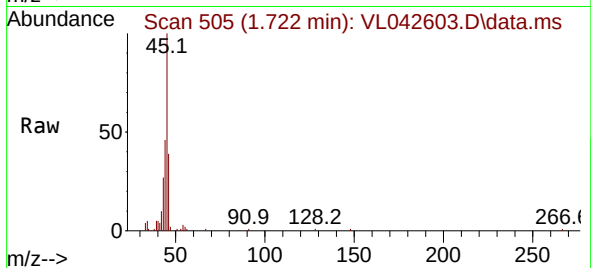
Tgt Ion:101 Resp: 86144
 Ion Ratio Lower Upper
 101 100
 151 70.0 55.3 82.9





#13
Ethanol
Concen: 5.524 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

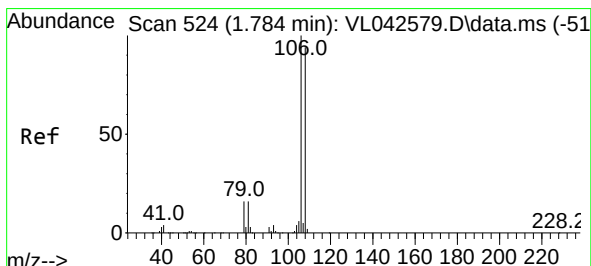
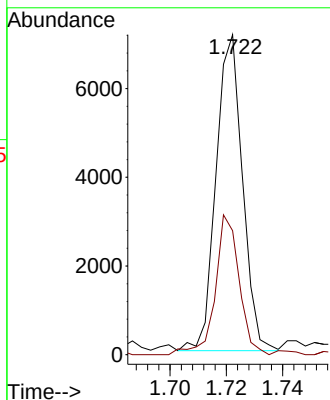
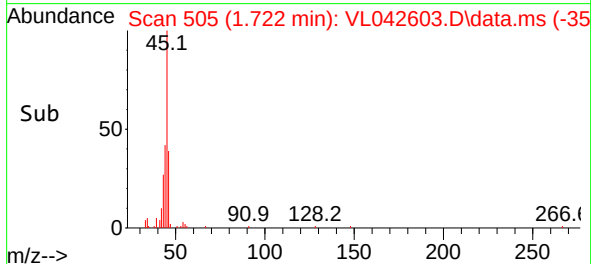
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



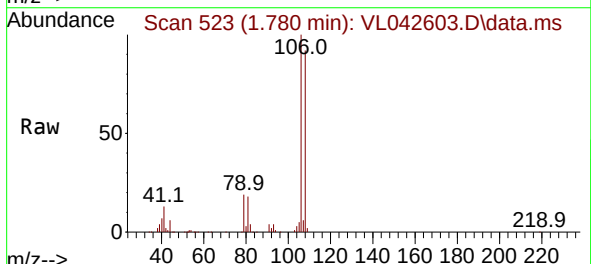
Tgt Ion: 45 Resp: 465
Ion Ratio Lower Upper
45 100
46 42.6 14.5 58.1

Manual Integrations
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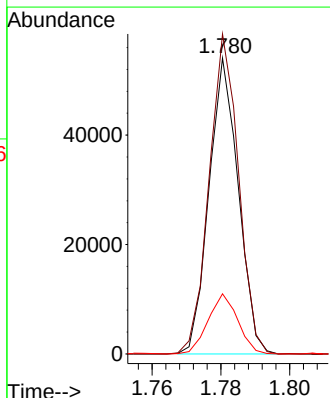
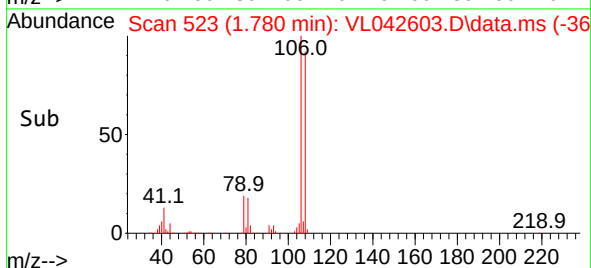
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

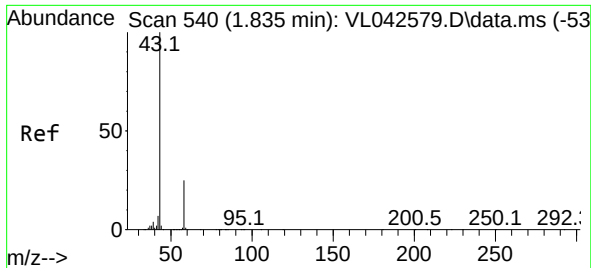


#14
Bromoethene
Concen: 9.142 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



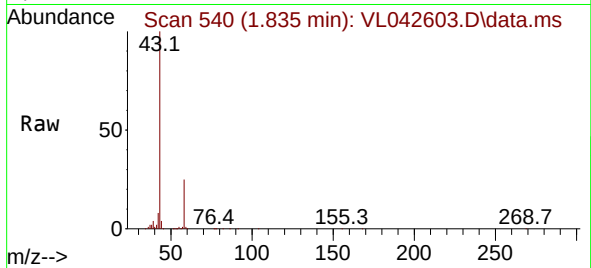
Tgt Ion:108 Resp: 32007
Ion Ratio Lower Upper
108 100
106 108.3 87.9 131.9
79 20.9 15.6 23.4





#15
Acetone
Concen: 7.714 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

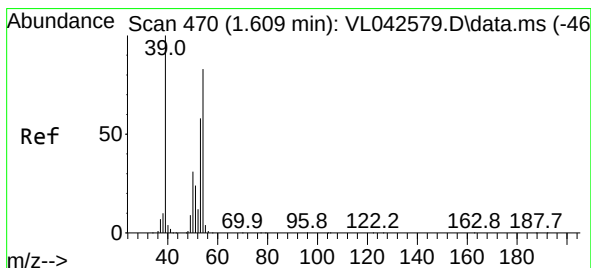
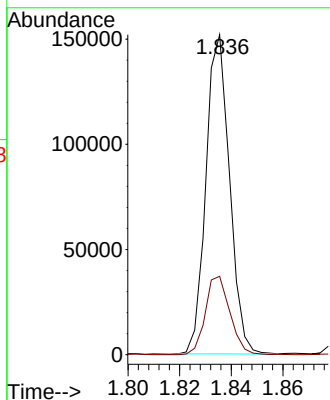
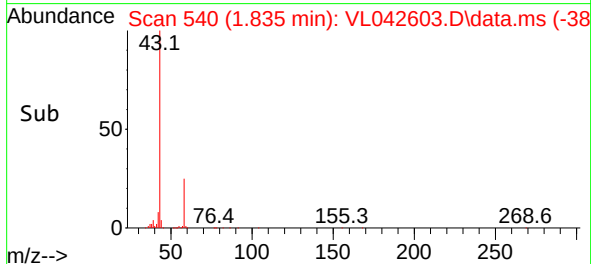
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



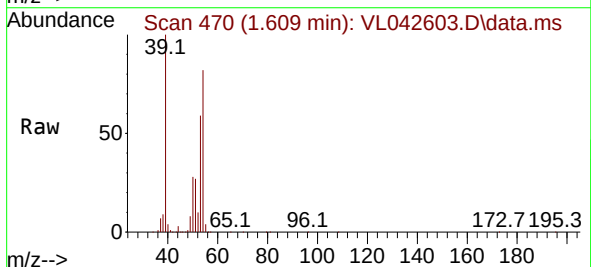
Tgt Ion: 43 Resp: 96314
Ion Ratio Lower Upper
43 100
58 25.8 21.0 31.4

Manual Integrations
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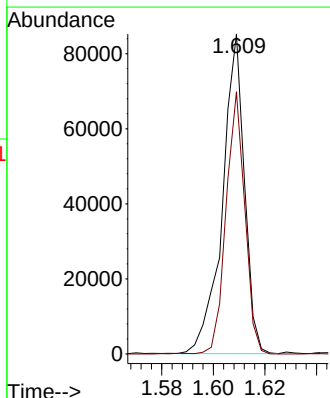
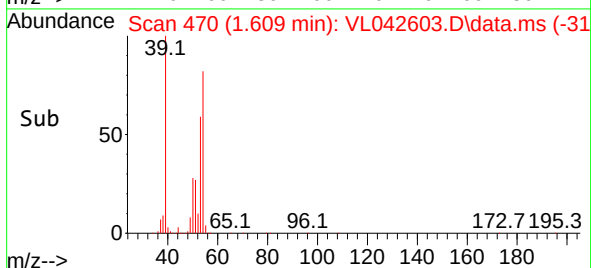
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

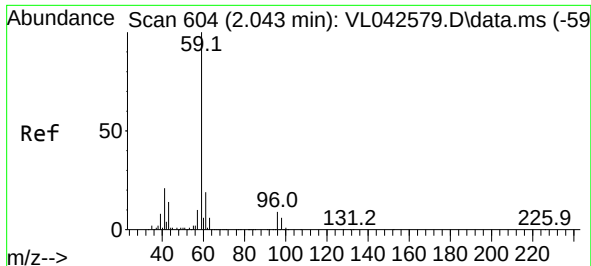


#16
1,3-Butadiene
Concen: 8.515 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



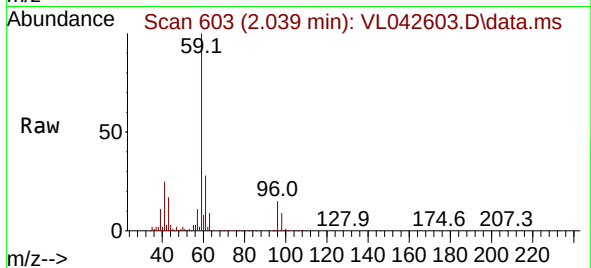
Tgt Ion: 39 Resp: 50360
Ion Ratio Lower Upper
39 100
54 69.9 57.9 86.9





#17
tert-Butyl alcohol
Concen: 8.952 ppbv
RT: 2.039 min Scan# 604
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

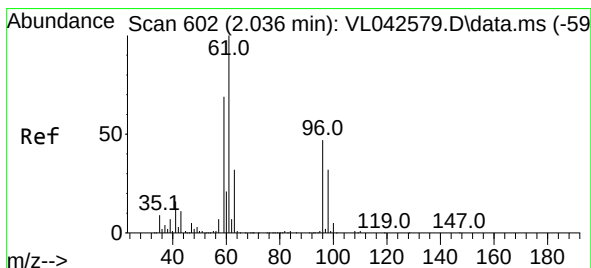
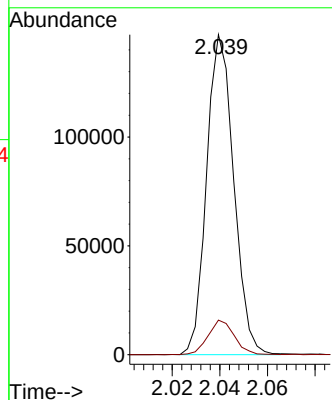
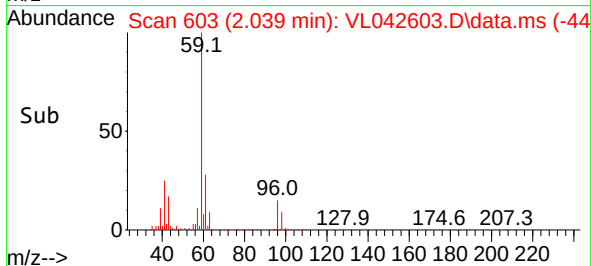
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



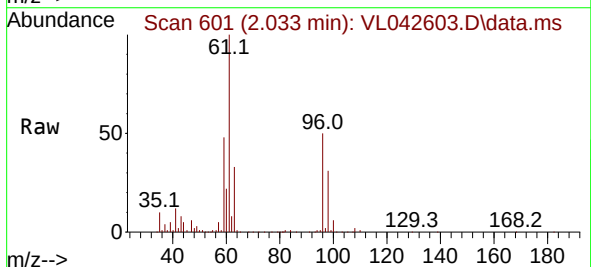
Tgt Ion: 59 Resp: 116438
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

Manual Integrations
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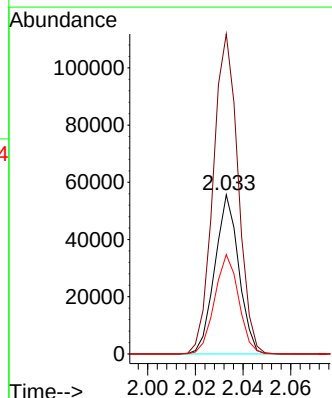
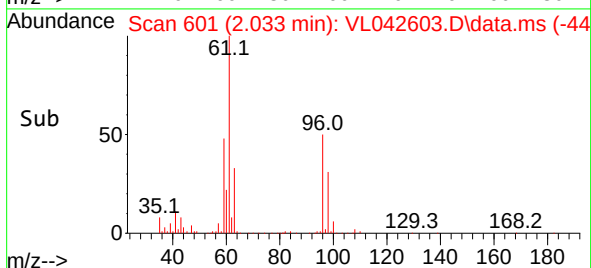
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

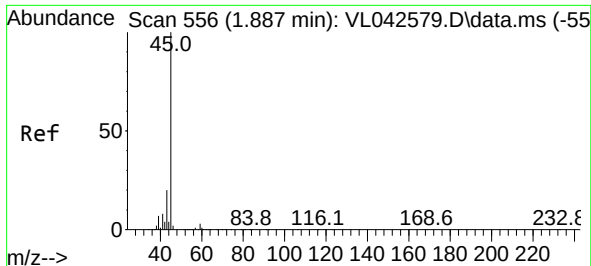


#18
1,1-Dichloroethene
Concen: 8.989 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



Tgt Ion: 96 Resp: 38780
Ion Ratio Lower Upper
96 100
61 201.1 171.1 256.7
98 62.4 54.4 81.6





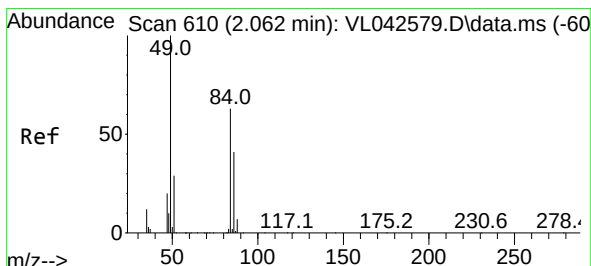
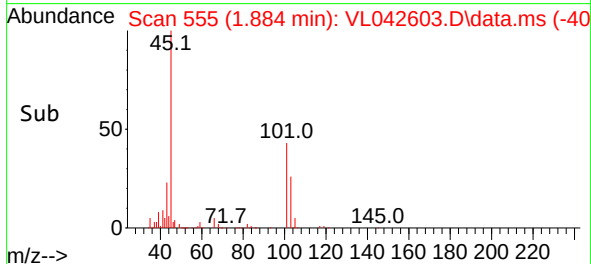
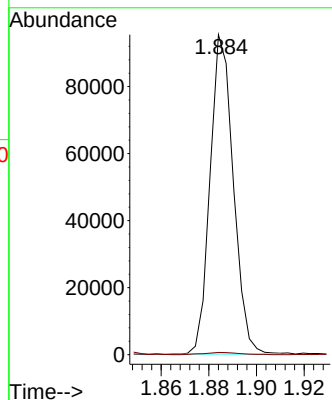
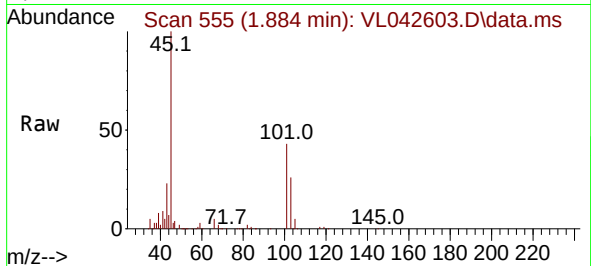
#19
Isopropyl Alcohol
Concen: 8.646 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 6453
Ion Ratio Lower Upper
45 100
58 38.5 29.4 44.2

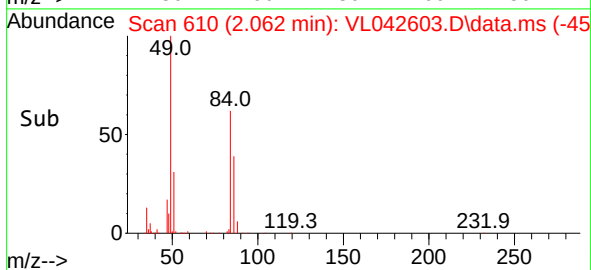
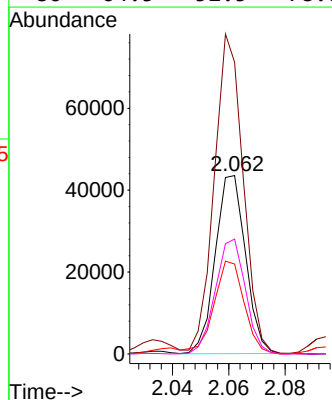
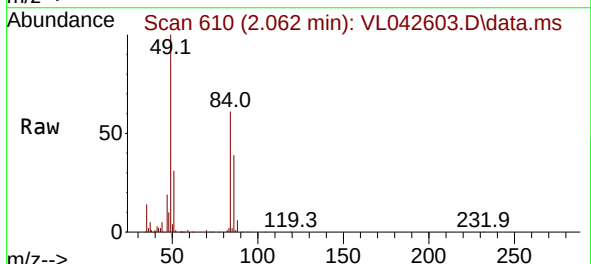
Manual Integrations
APPROVED

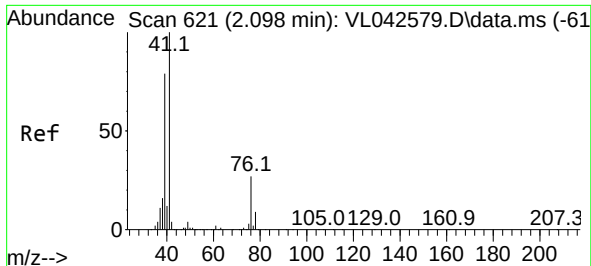
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#20
Methylene Chloride
Concen: 7.895 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Tgt Ion: 84 Resp: 32530
Ion Ratio Lower Upper
84 100
49 163.2 128.8 193.2
51 50.5 38.6 57.8
86 64.5 52.5 78.7





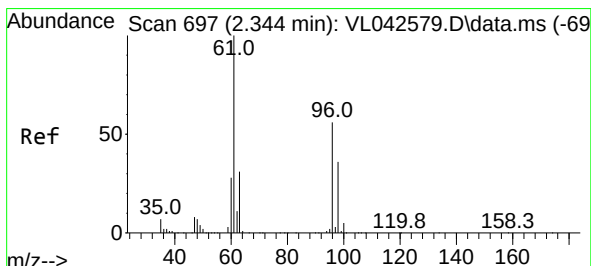
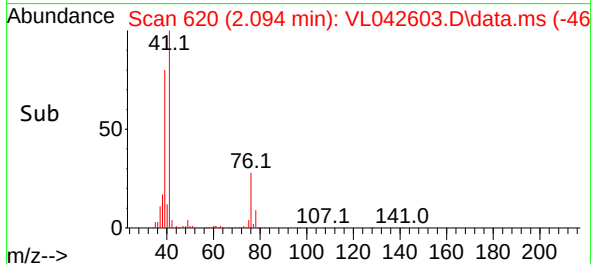
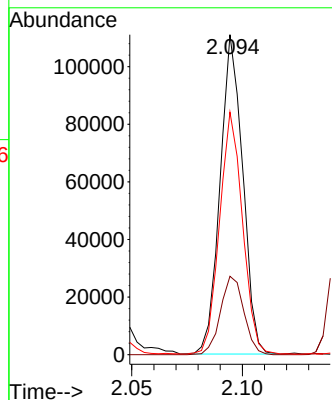
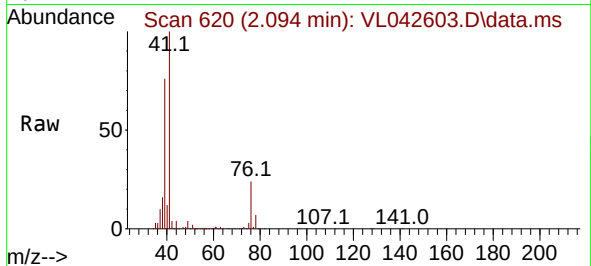
#21
 Allyl Chloride
 Concen: 8.940 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 78750
 Ion Ratio Lower Upper
 41 100
 76 25.4 21.2 31.8
 39 76.8 60.9 91.3

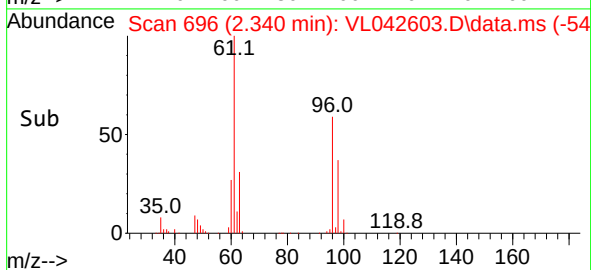
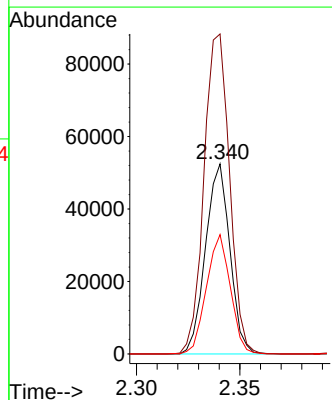
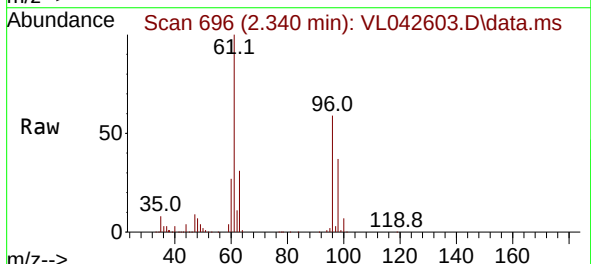
Manual Integrations
 APPROVED

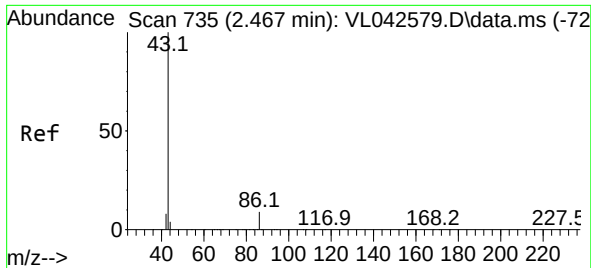
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#22
 trans-1,2-Dichloroethene
 Concen: 8.933 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57

Tgt Ion: 96 Resp: 43046
 Ion Ratio Lower Upper
 96 100
 61 168.3 142.6 214.0
 98 62.8 51.0 76.4





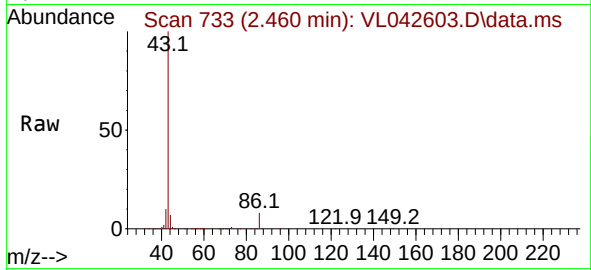
#23
 Vinyl Acetate
 Concen: 9.942 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. -0.006 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

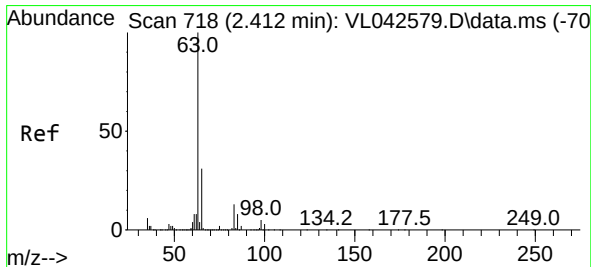
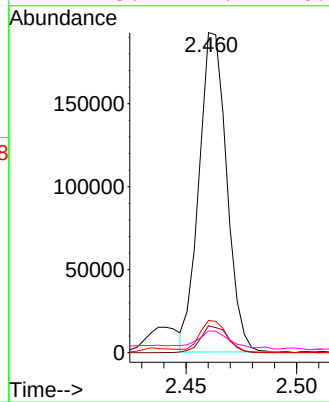
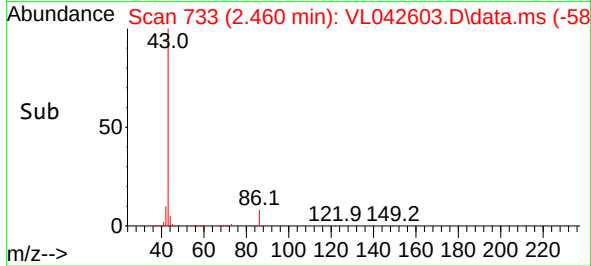


Tgt Ion: 43 Resp: 16778
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.6 9.8
 42 9.9 7.0 10.4
 44 5.7 4.2 6.2

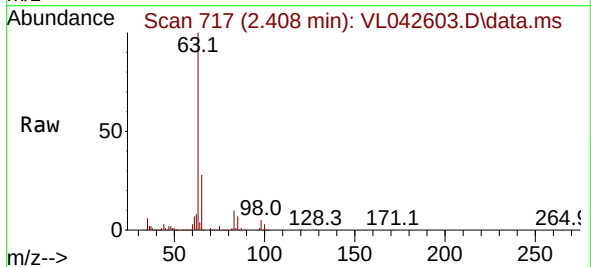
Manual Integrations

APPROVED

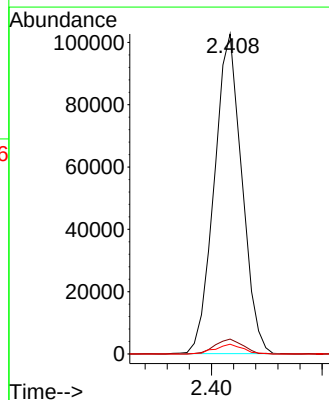
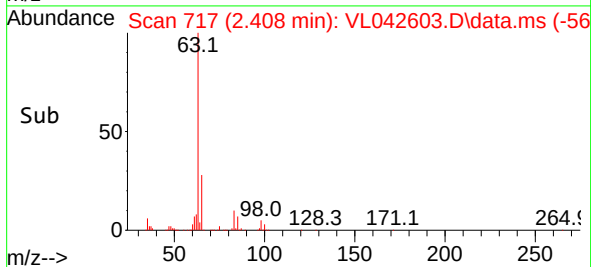
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025

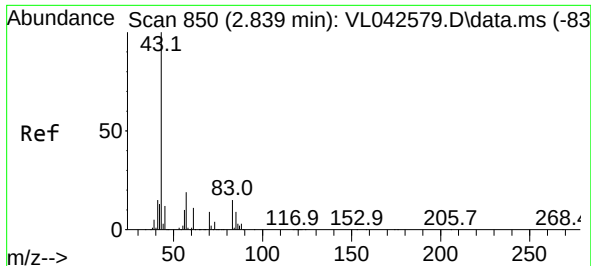


#24
 1,1-Dichloroethane
 Concen: 8.962 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57



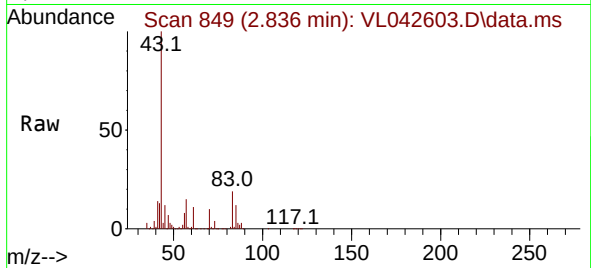
Tgt Ion: 63 Resp: 88857
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.4 7.1
 100 3.1 1.4 4.0





#25
Ethyl Acetate
Concen: 9.149 ppbv
RT: 2.836 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

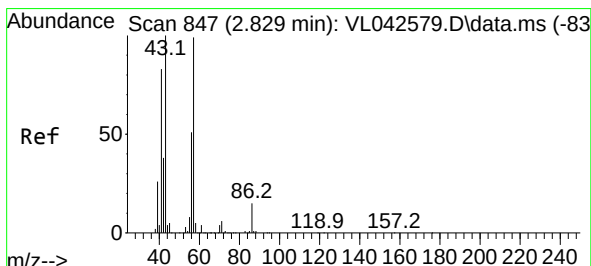
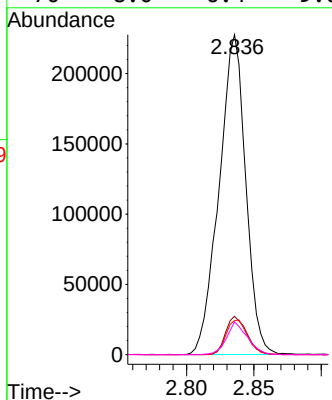
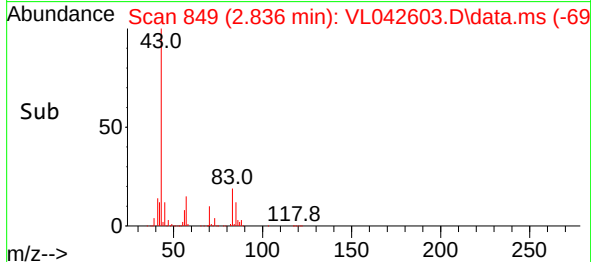
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 31260
Ion Ratio Lower Upper
43 100
45 9.5 8.2 12.2
61 8.8 7.1 10.7
70 8.0 6.4 9.6

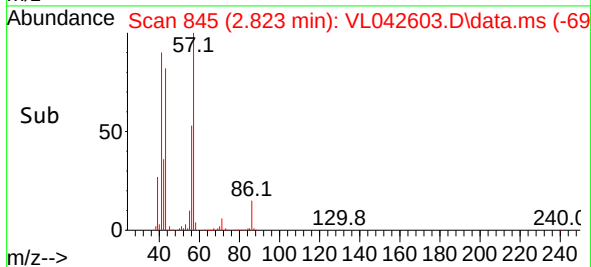
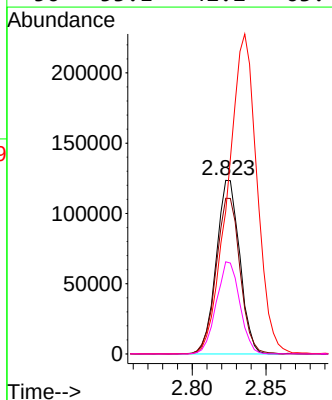
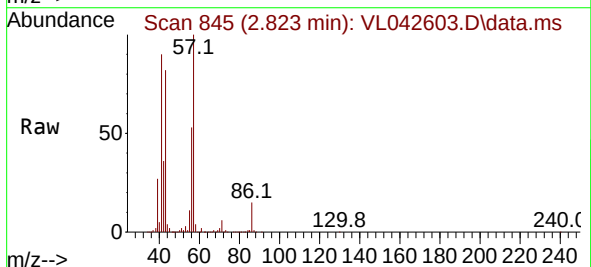
Manual Integrations
APPROVED

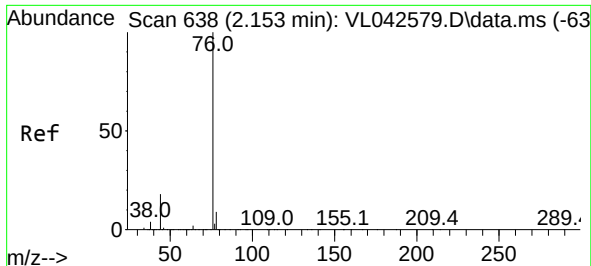
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#26
Hexane
Concen: 8.789 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

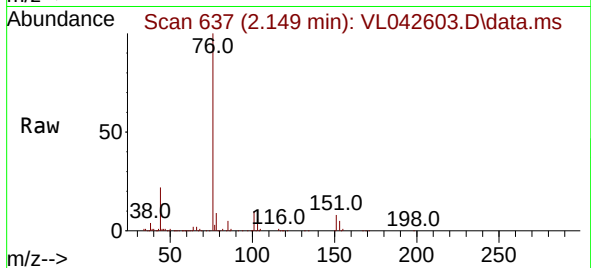
Tgt Ion: 57 Resp: 136454
Ion Ratio Lower Upper
57 100
41 92.1 70.6 106.0
43 229.9 181.1 271.7
56 53.1 42.2 63.4





#27
Carbon Disulfide
Concen: 9.171 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

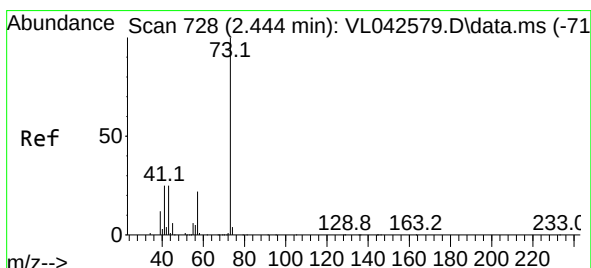
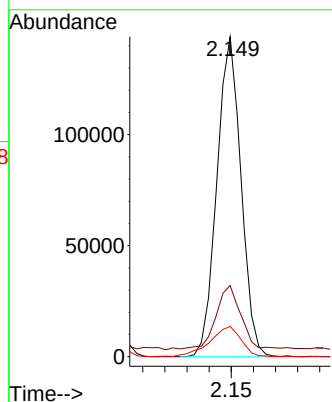
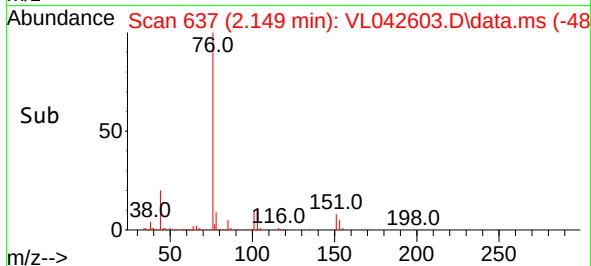
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



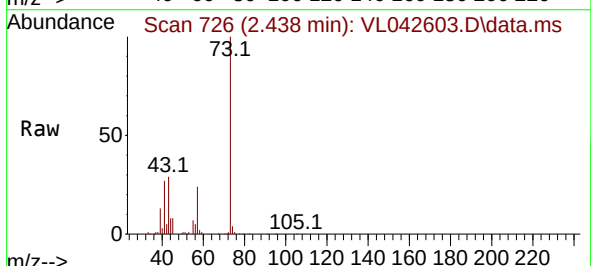
Tgt Ion: 76 Resp: 10930
Ion Ratio Lower Upper
76 100
44 22.2 21.3 31.9
78 12.3 9.4 14.0

Manual Integrations
APPROVED

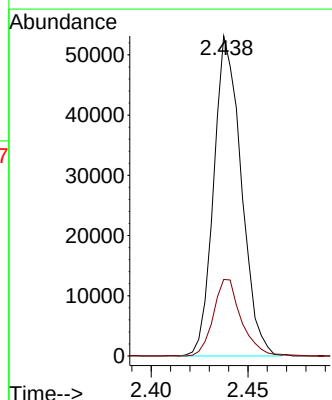
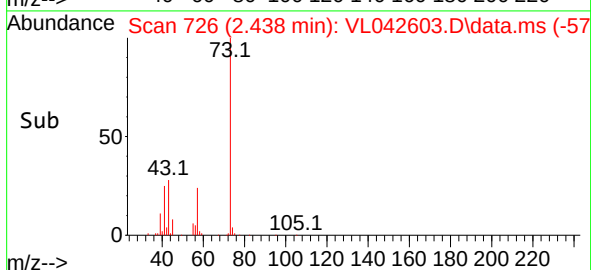
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

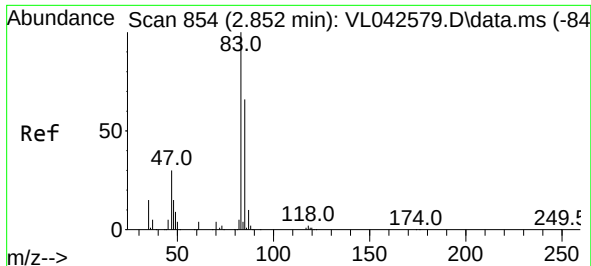


#28
Methyl tert-Butyl Ether
Concen: 8.335 ppbv
RT: 2.438 min Scan# 726
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



Tgt Ion: 73 Resp: 52508
Ion Ratio Lower Upper
73 100
57 24.3 19.9 29.9





#29

Chloroform

Concen: 9.613 ppbv

RT: 2.849 min Scan# 853

Delta R.T. -0.003 min

Lab File: VL042603.D

Acq: 03 Jun 2025 09:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 194078

Ion Ratio Lower Upper

83 100

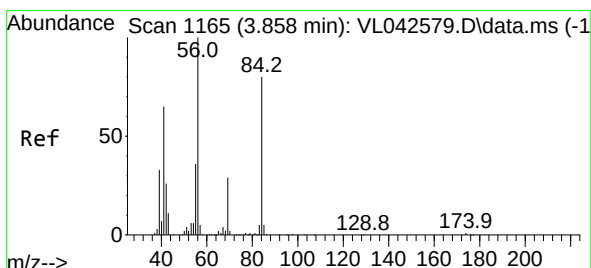
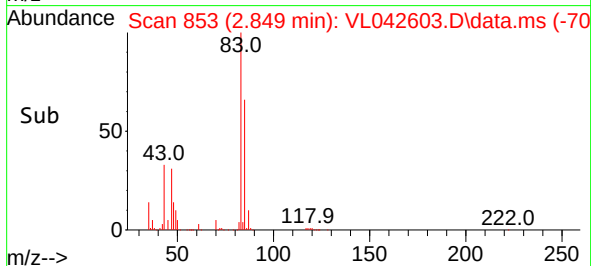
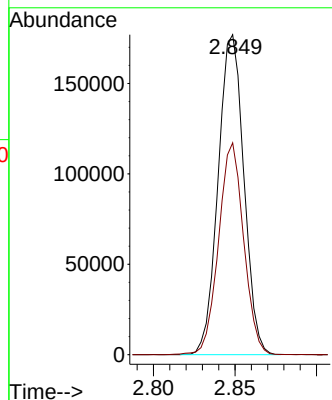
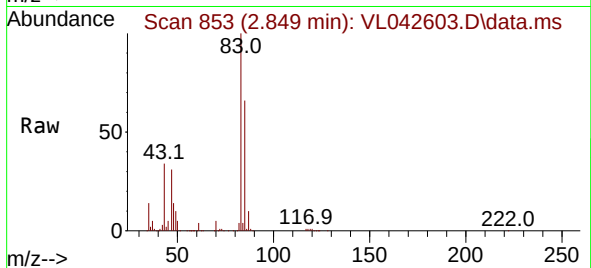
85 66.2 52.8 79.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#30

Cyclohexane

Concen: 8.817 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VL042603.D

Acq: 03 Jun 2025 09:57

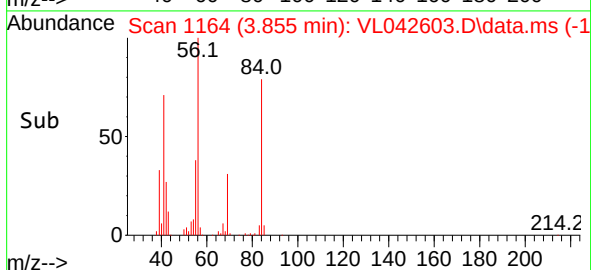
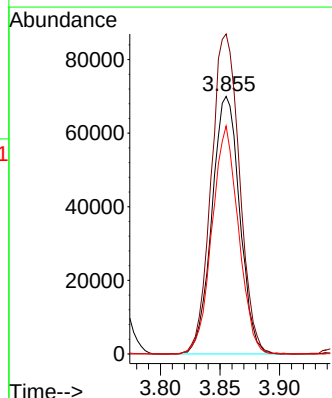
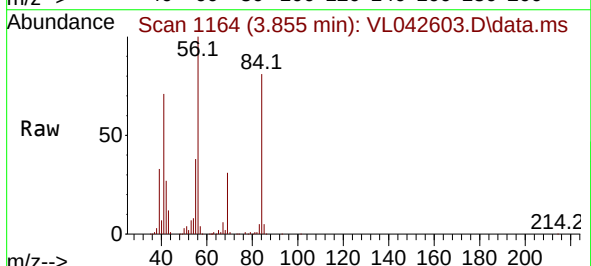
Tgt Ion: 84 Resp: 113479

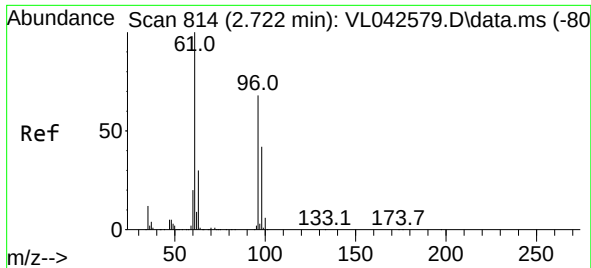
Ion Ratio Lower Upper

84 100

56 126.3 103.7 155.5

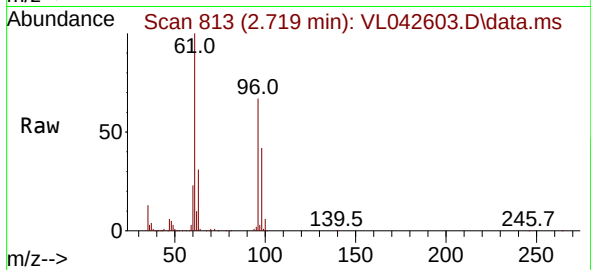
41 84.3 65.1 97.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.305 ppbv
 RT: 2.719 min Scan# 814
 Delta R.T. -0.003 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57

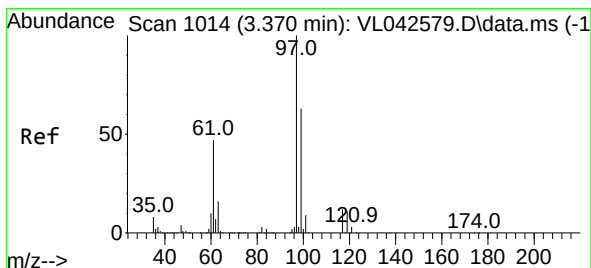
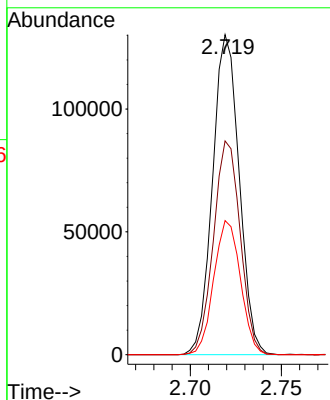
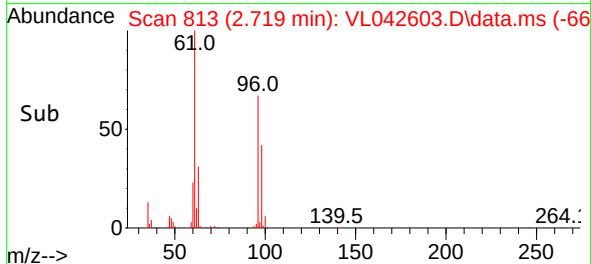
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



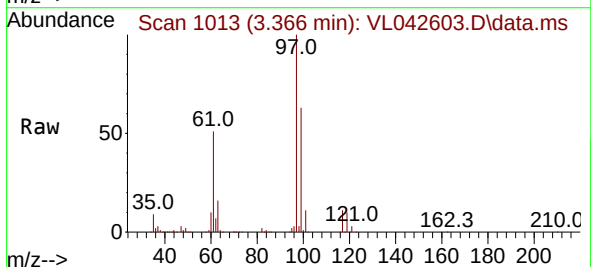
Tgt Ion: 61 Resp: 132152
 Ion Ratio Lower Upper
 61 100
 96 66.8 54.5 81.7
 98 41.9 33.4 50.2

Manual Integrations
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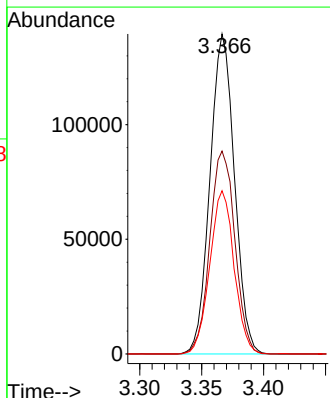
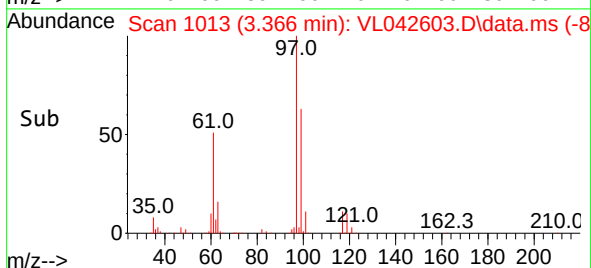
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025

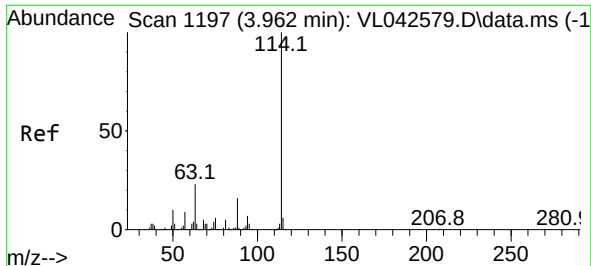


#32
 1,1,1-Trichloroethane
 Concen: 9.315 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.003 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57



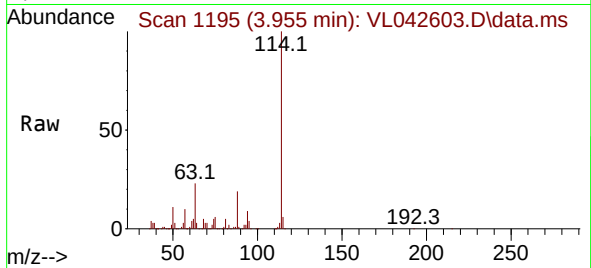
Tgt Ion: 97 Resp: 192143
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.0 76.6
 61 50.7 39.4 59.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

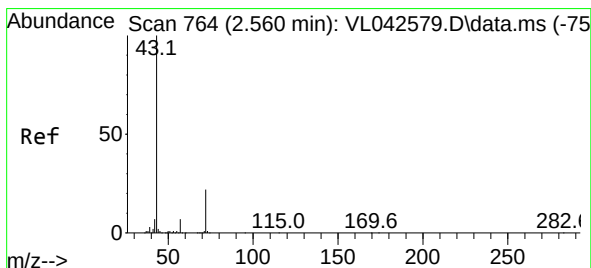
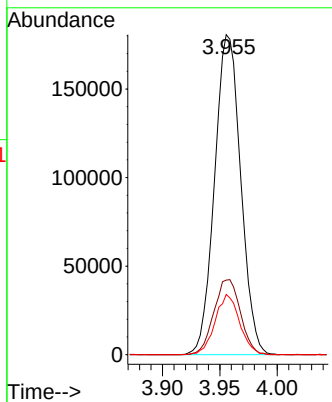
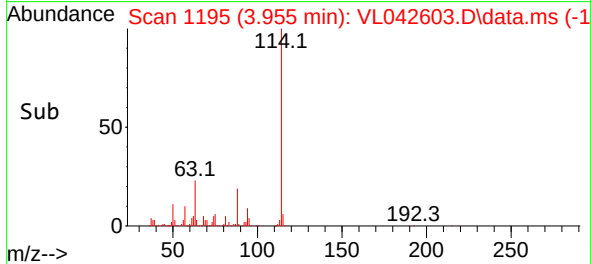
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



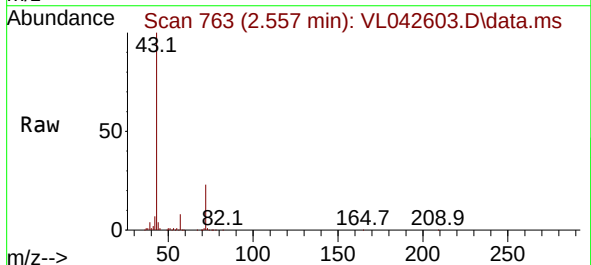
Tgt Ion:114 Resp: 286144
Ion Ratio Lower Upper
114 100
63 23.9 19.0 28.6
88 17.7 13.6 20.4

Manual Integrations
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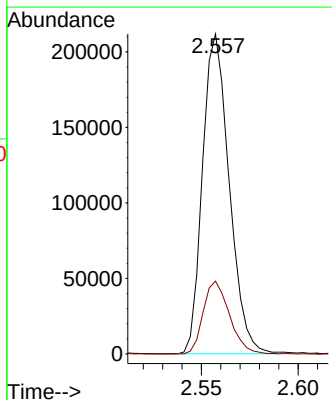
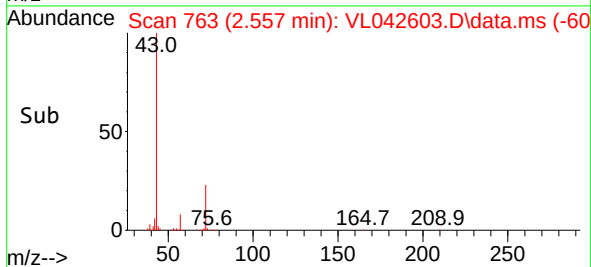
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

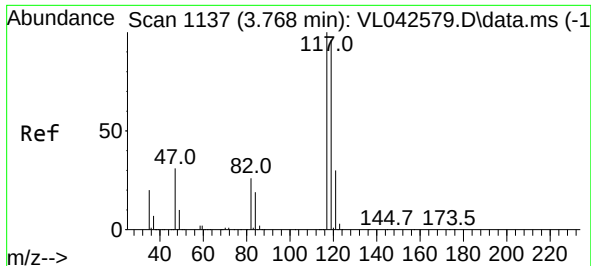


#34
2-Butanone
Concen: 9.977 ppbv
RT: 2.557 min Scan# 763
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



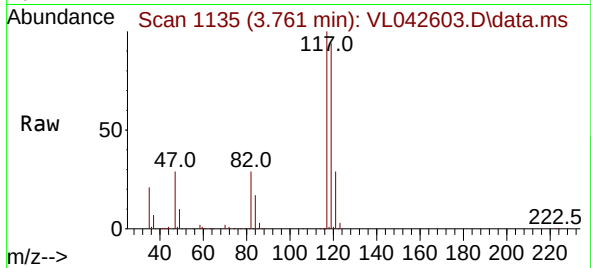
Tgt Ion: 43 Resp: 203595
Ion Ratio Lower Upper
43 100
72 22.4 17.7 26.5





#35
Carbon Tetrachloride
Concen: 10.271 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

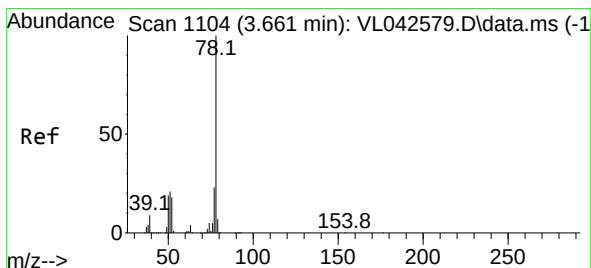
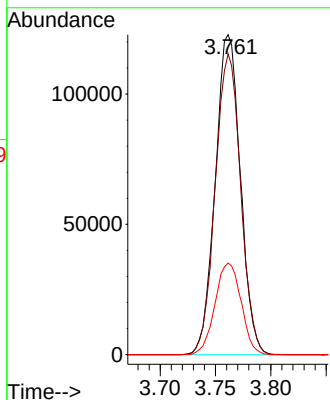
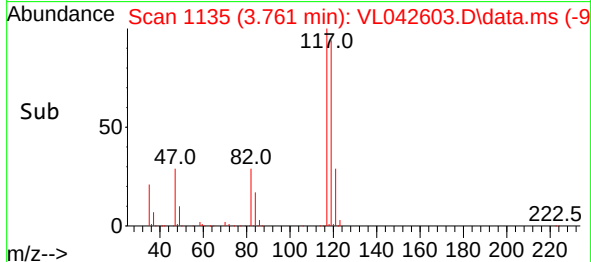
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 19401
Ion Ratio Lower Upper
117 100
119 94.0 76.8 115.2
121 28.7 24.3 36.5

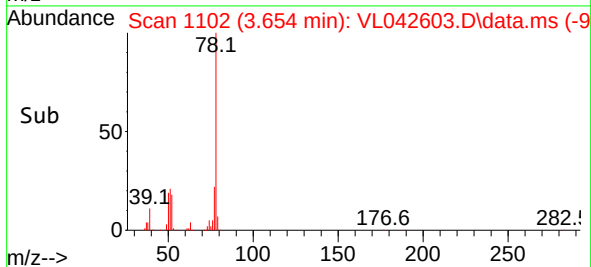
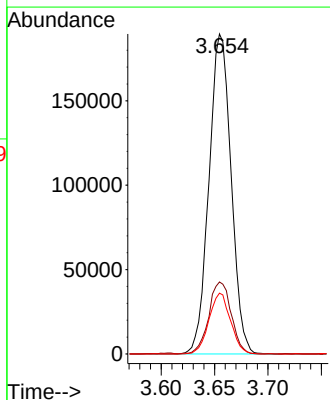
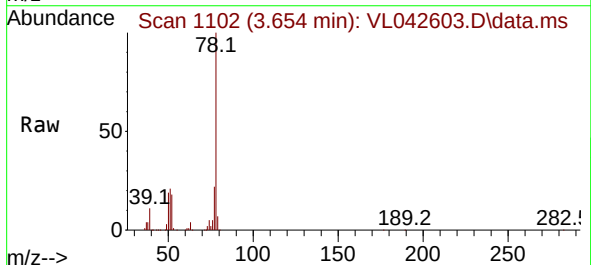
Manual Integrations
APPROVED

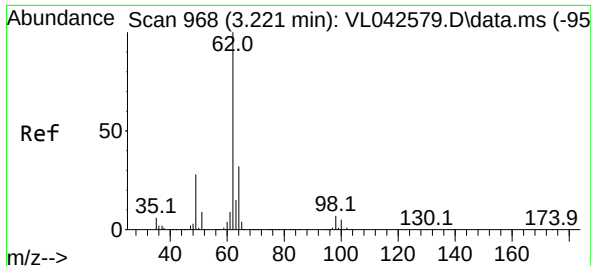
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#36
Benzene
Concen: 9.697 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Tgt Ion: 78 Resp: 273248
Ion Ratio Lower Upper
78 100
77 22.5 18.2 27.2
50 19.0 15.2 22.8





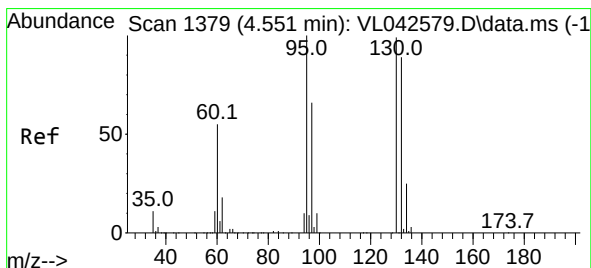
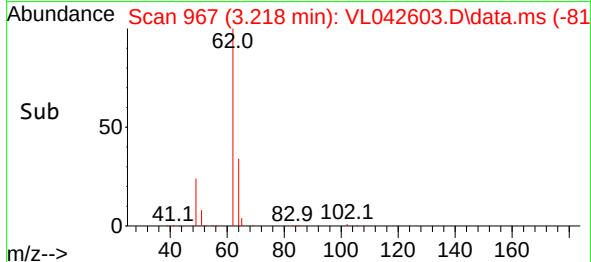
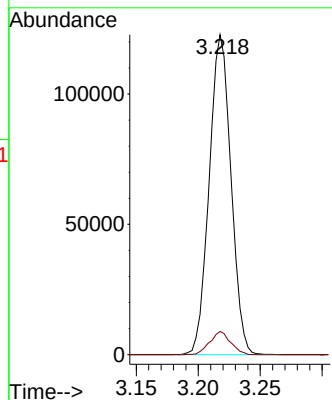
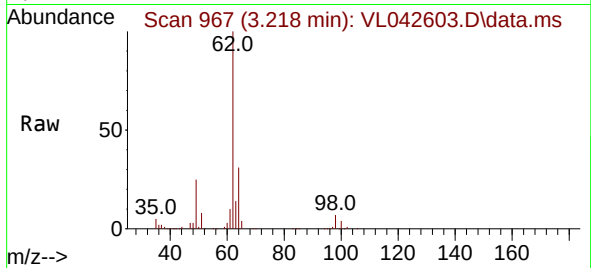
#37
1,2-Dichloroethane
Concen: 10.737 ppbv
RT: 3.218 min Scan# 90
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 15036
Ion Ratio Lower Upper
62 100
98 6.9 6.1 9.1

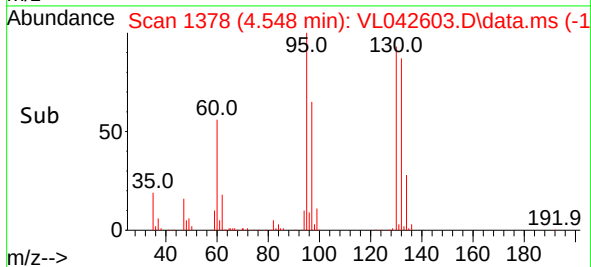
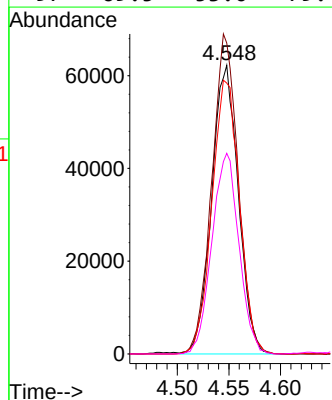
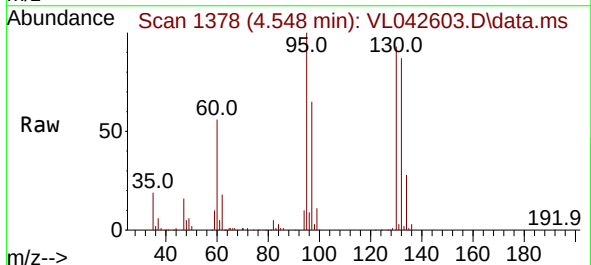
Manual Integrations
APPROVED

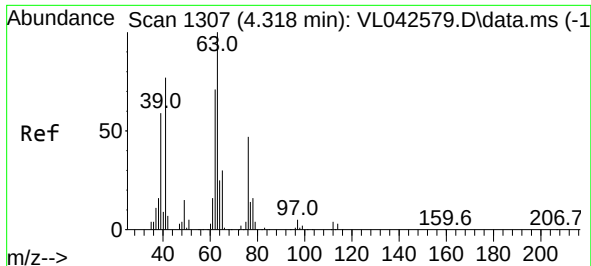
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#38
Trichloroethene
Concen: 9.323 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Tgt Ion:130 Resp: 111669
Ion Ratio Lower Upper
130 100
95 107.7 80.6 121.0
132 93.7 71.8 107.6
97 69.5 53.0 79.4





#39

1,2-Dichloropropane

Concen: 9.571 ppbv

RT: 4.312 min Scan# 1307

Delta R.T. -0.006 min

Lab File: VL042603.D

Acq: 03 Jun 2025 09:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

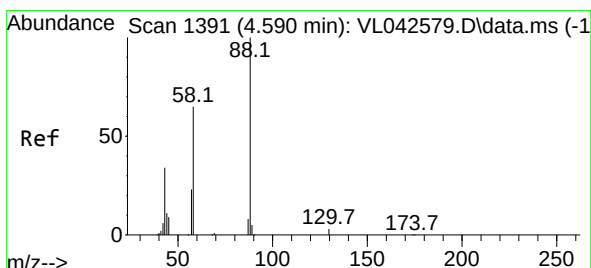
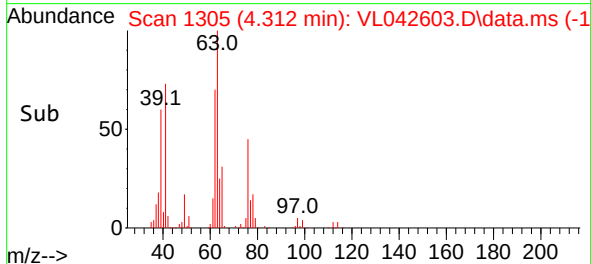
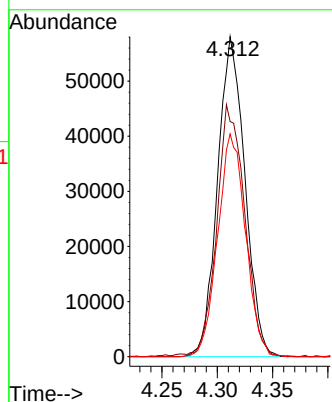
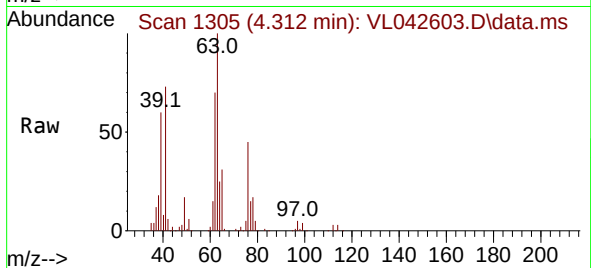
Tgt Ion: 63 Resp: 99730

Ion	Ratio	Lower	Upper
63	100		
41	73.1	61.8	92.6
62	69.6	56.6	85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#40

1,4-Dioxane

Concen: 9.623 ppbv

RT: 4.580 min Scan# 1388

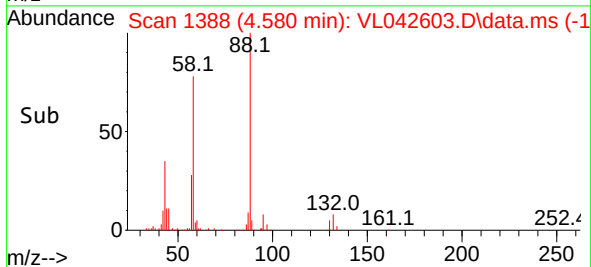
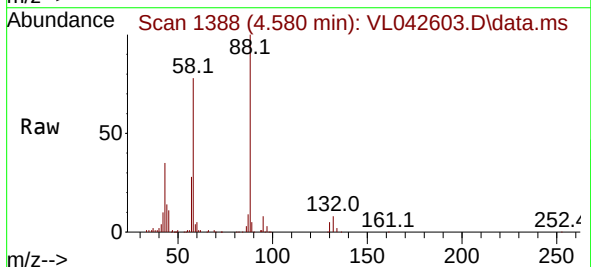
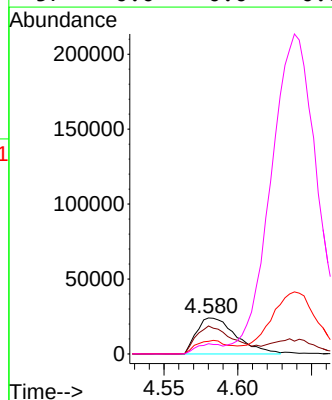
Delta R.T. -0.010 min

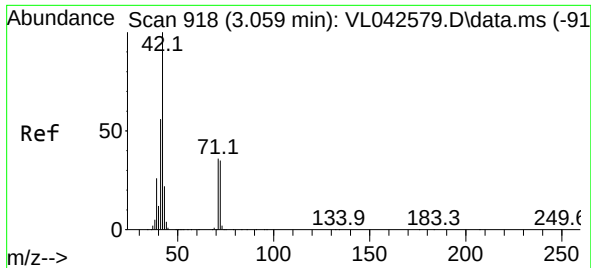
Lab File: VL042603.D

Acq: 03 Jun 2025 09:57

Tgt Ion: 88 Resp: 44872

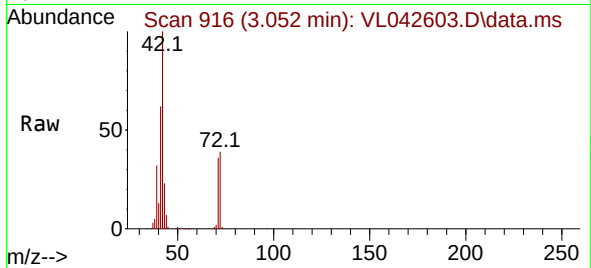
Ion	Ratio	Lower	Upper
88	100		
58	75.6	55.8	83.8
43	29.5	24.8	37.2
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 9.516 ppbv
RT: 3.052 min Scan# 916
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

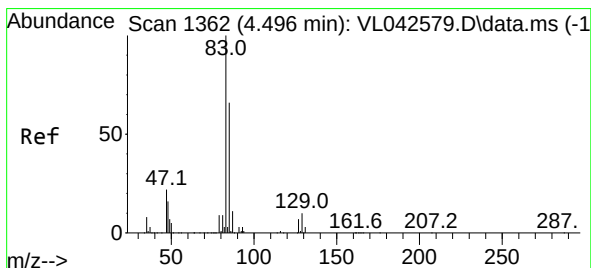
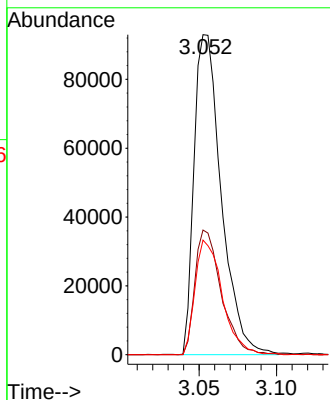
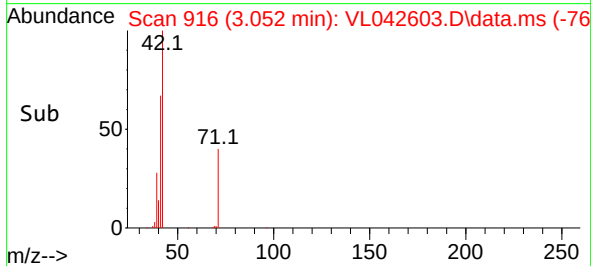
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



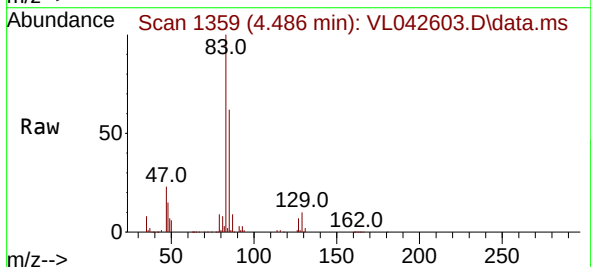
Tgt Ion: 42 Resp: 11367
Ion Ratio Lower Upper
42 100
72 37.7 28.9 43.3
71 35.8 28.5 42.7

Manual Integrations
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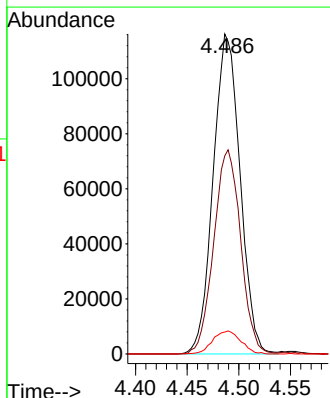
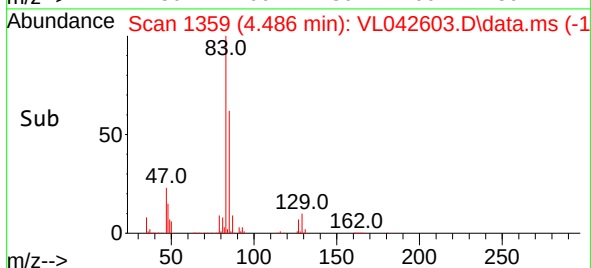
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

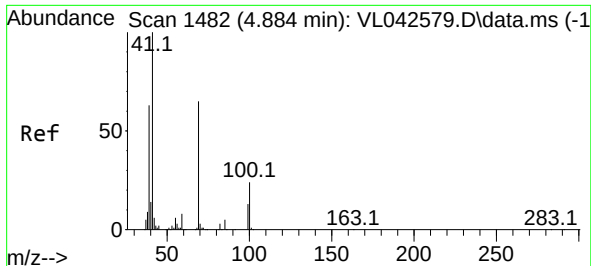


#42
Bromodichloromethane
Concen: 10.598 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. -0.010 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



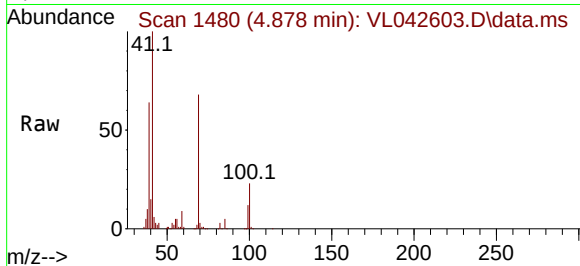
Tgt Ion: 83 Resp: 210804
Ion Ratio Lower Upper
83 100
85 61.9 52.7 79.1
127 6.9 5.8 8.6





#43
Methyl Methacrylate
Concen: 9.723 ppbv
RT: 4.878 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

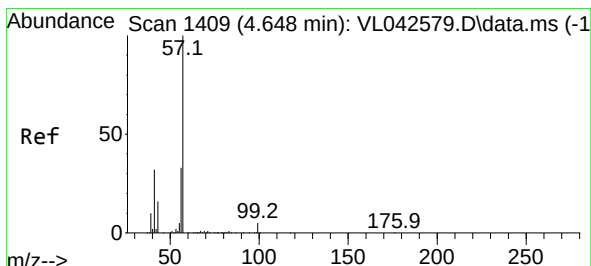
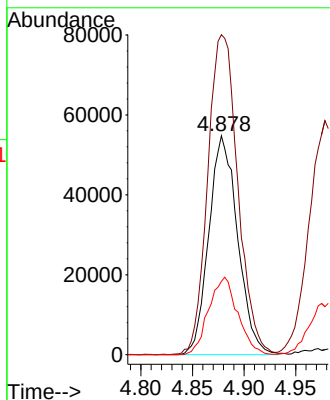
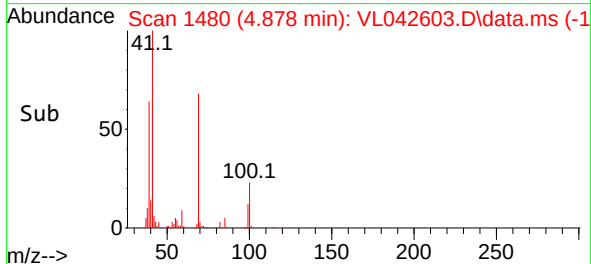
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 106339
Ion Ratio Lower Upper
69 100
41 152.7 124.6 187.0
100 35.6 29.9 44.9

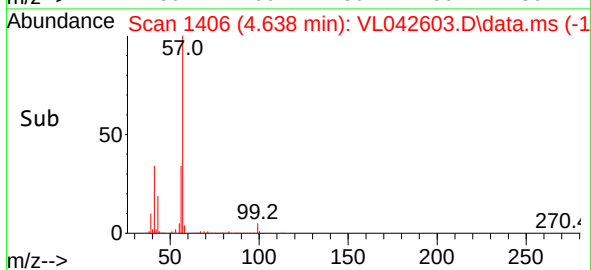
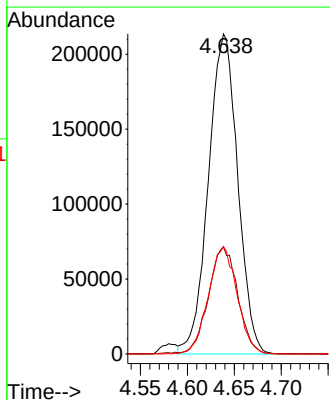
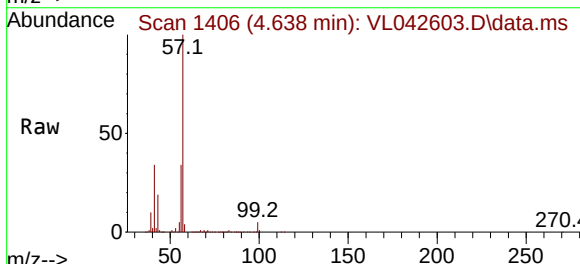
Manual Integrations
APPROVED

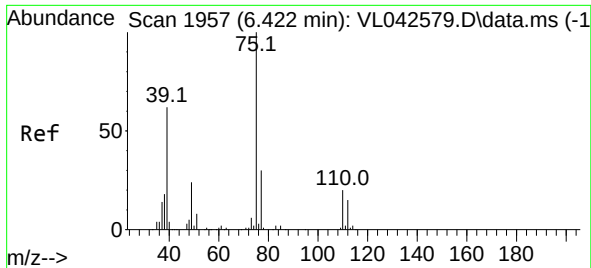
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#44
2,2,4-Trimethylpentane
Concen: 9.613 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.010 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

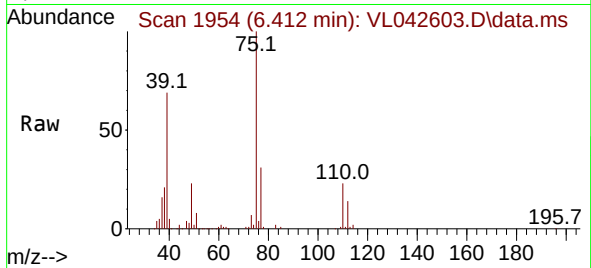
Tgt Ion: 57 Resp: 463354
Ion Ratio Lower Upper
57 100
41 33.8 26.1 39.1
56 32.9 25.9 38.9





#45
 t-1,3-Dichloropropene
 Concen: 9.905 ppbv
 RT: 6.412 min Scan# 1957
 Delta R.T. -0.010 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57

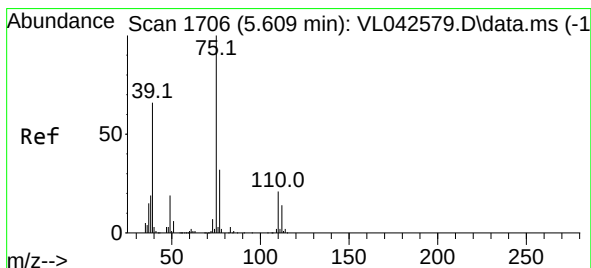
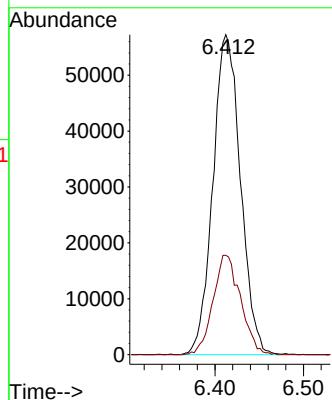
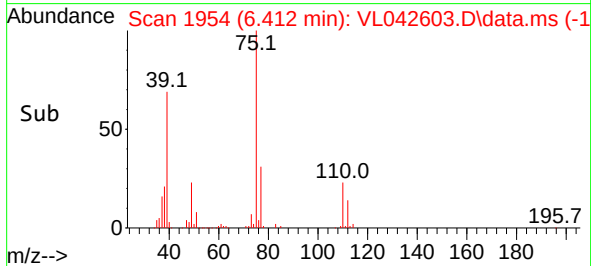
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 12395
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.2

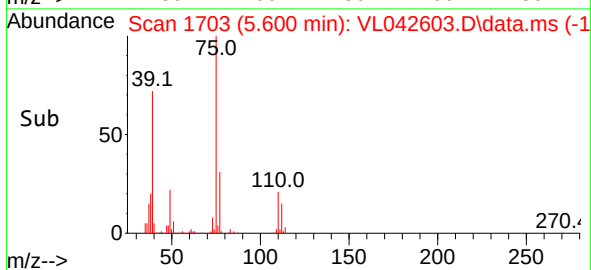
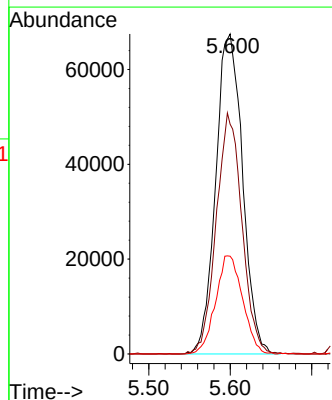
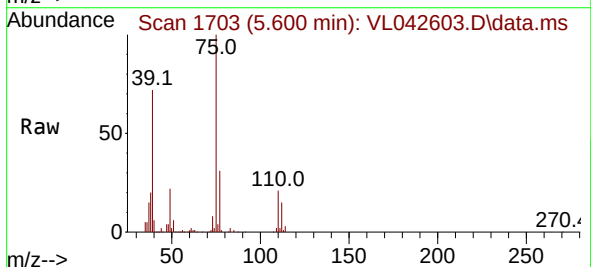
Manual Integrations
 APPROVED

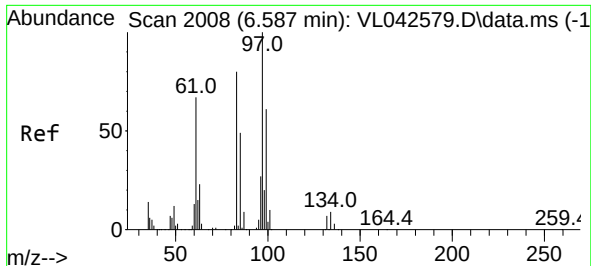
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#46
 cis-1,3-Dichloropropene
 Concen: 9.872 ppbv
 RT: 5.600 min Scan# 1703
 Delta R.T. -0.010 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57

Tgt Ion: 75 Resp: 154808
 Ion Ratio Lower Upper
 75 100
 39 71.8 52.7 79.1
 77 30.5 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 9.832 ppbv

RT: 6.580 min Scan# 2008

Delta R.T. -0.006 min

Lab File: VL042603.D

Acq: 03 Jun 2025 09:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 106058

Ion Ratio Lower Upper

97 100

83 89.1 63.9 95.9

85 56.3 39.2 58.8

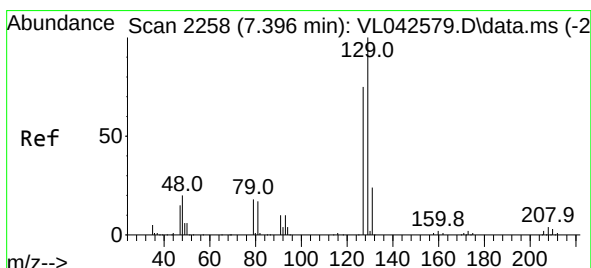
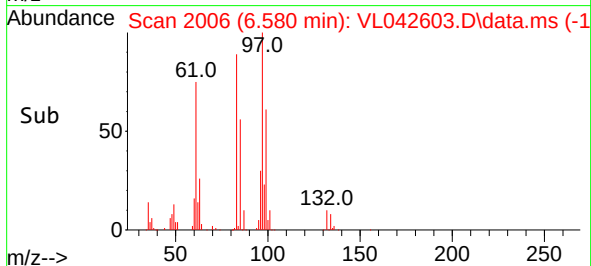
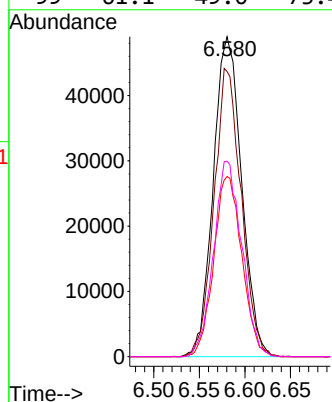
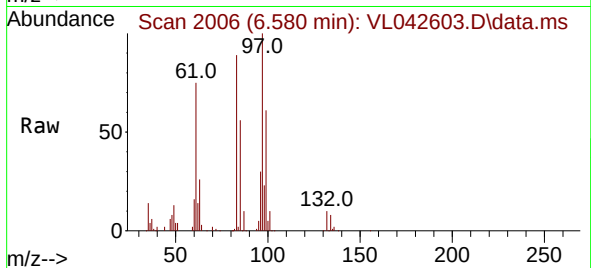
99 61.1 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#48

Dibromochloromethane

Concen: 10.111 ppbv

RT: 7.390 min Scan# 2256

Delta R.T. -0.006 min

Lab File: VL042603.D

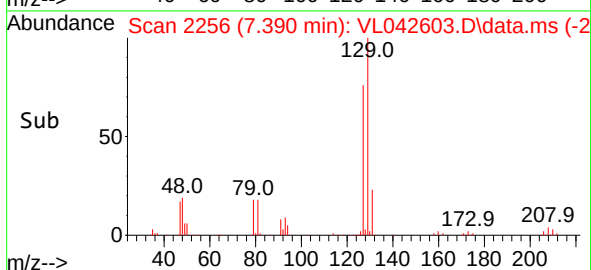
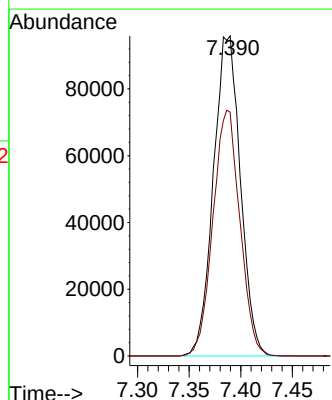
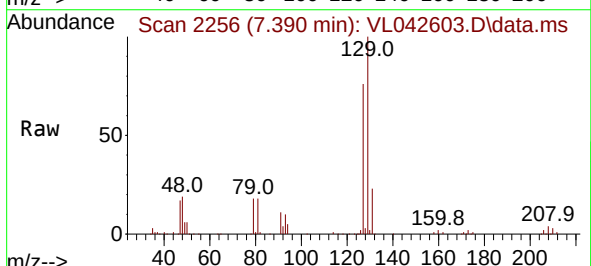
Acq: 03 Jun 2025 09:57

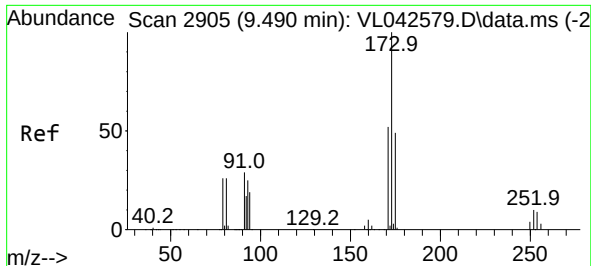
Tgt Ion:129 Resp: 174596

Ion Ratio Lower Upper

129 100

127 76.5 39.0 116.9





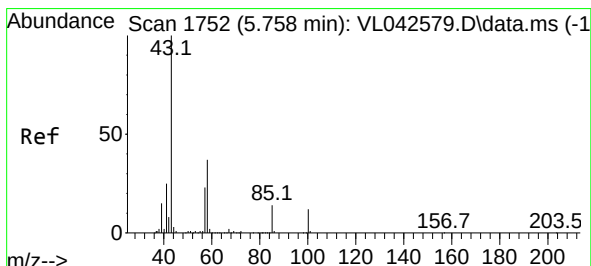
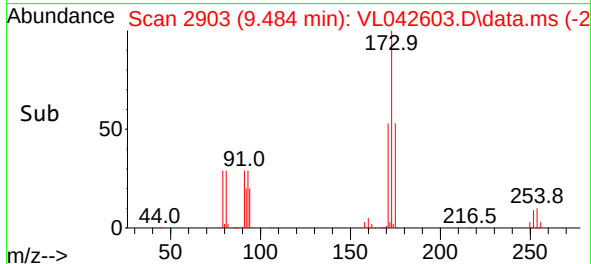
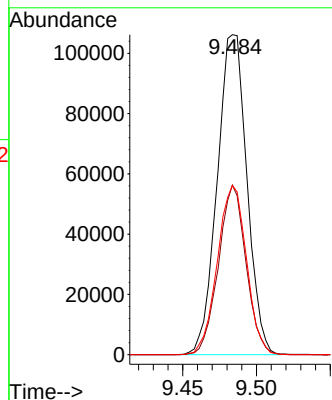
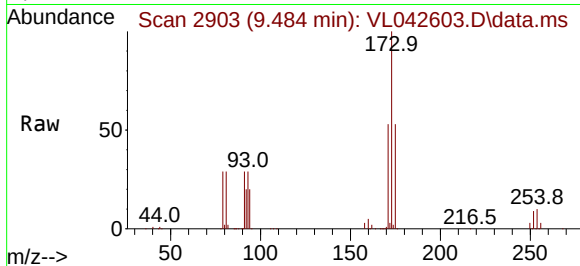
#49
Bromoform
Concen: 10.002 ppbv
RT: 9.484 min Scan# 2905
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 149020
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
171 51.8 41.2 61.8

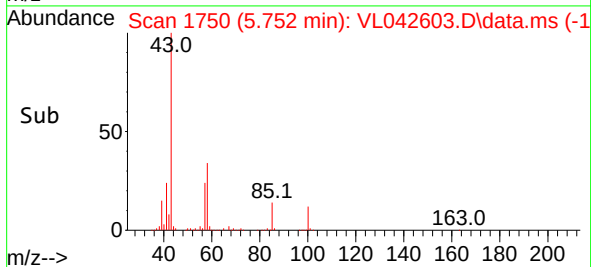
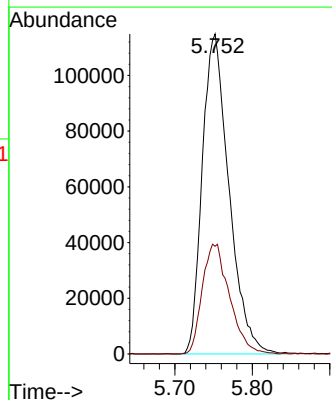
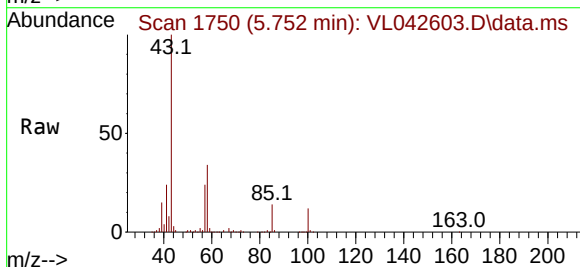
Manual Integrations
APPROVED

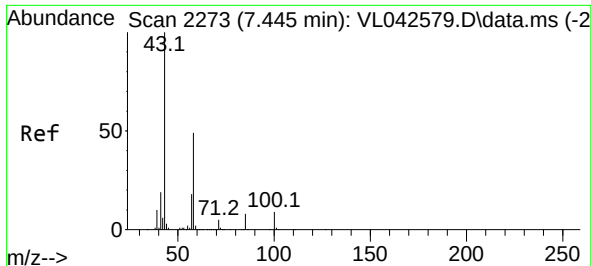
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#50
4-Methyl-2-Pentanone
Concen: 9.723 ppbv
RT: 5.752 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

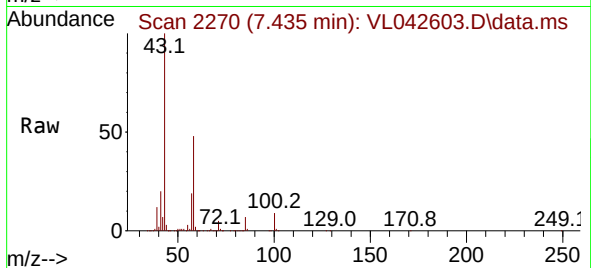
Tgt Ion: 43 Resp: 275211
Ion Ratio Lower Upper
43 100
58 35.2 28.3 42.5





#51
2-Hexanone
Concen: 9.874 ppbv
RT: 7.435 min Scan# 2113
Delta R.T. -0.010 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

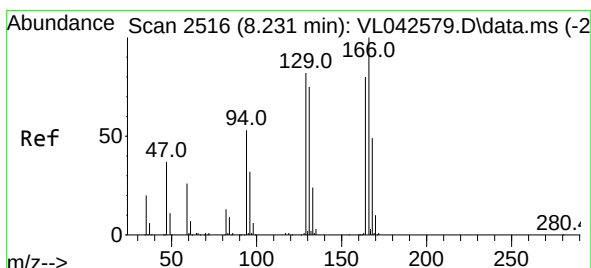
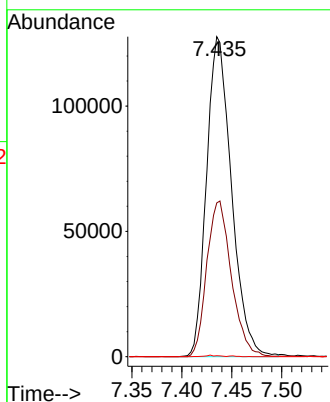
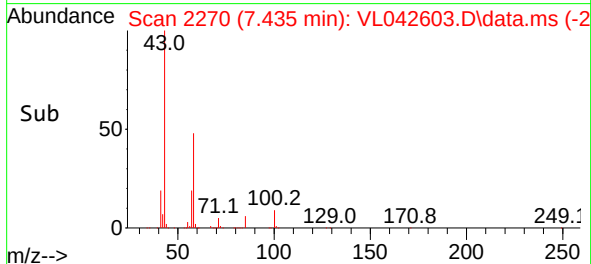
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 221659
Ion Ratio Lower Upper
43 100
58 48.2 39.9 59.9
98 0.3 0.1 0.1

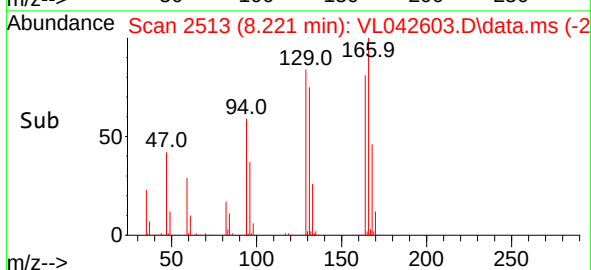
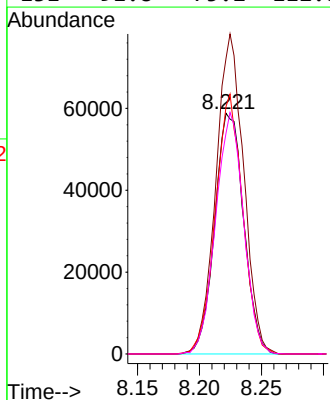
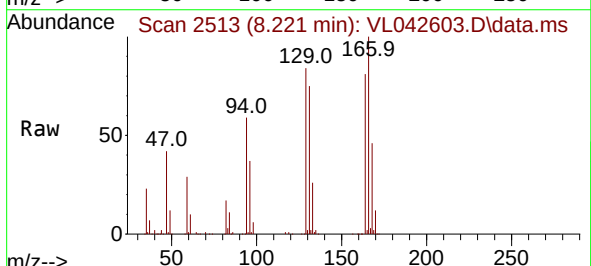
Manual Integrations
APPROVED

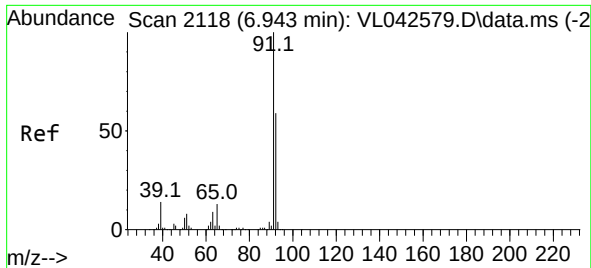
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#52
Tetrachloroethene
Concen: 9.079 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.010 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

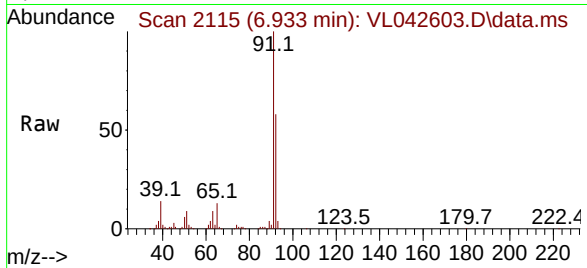
Tgt Ion:164 Resp: 95597
Ion Ratio Lower Upper
164 100
166 122.9 100.0 150.0
129 102.7 82.2 123.4
131 91.8 75.2 112.8





#53
Toluene
Concen: 9.504 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.010 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

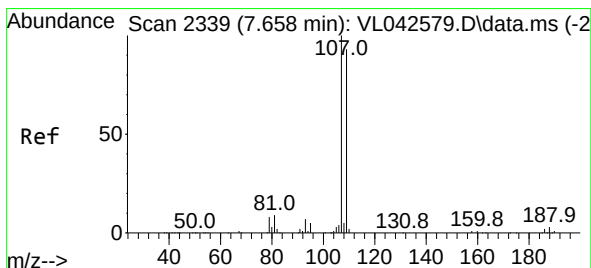
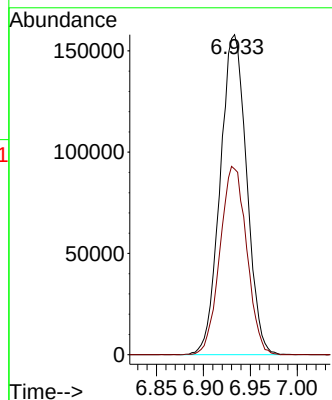
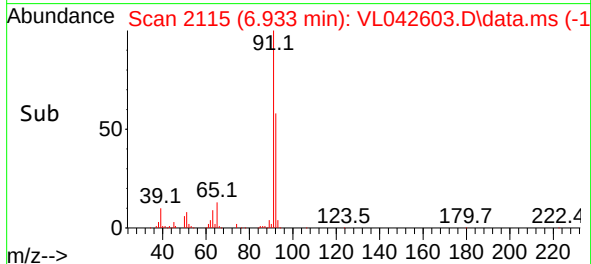
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



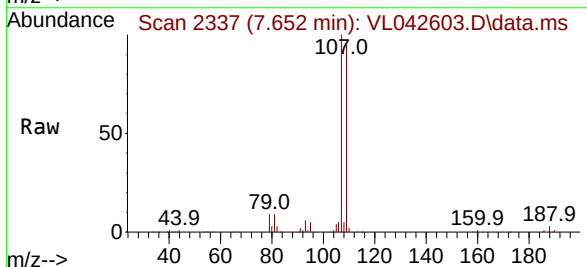
Tgt Ion: 91 Resp: 309534
Ion Ratio Lower Upper
91 100
92 59.5 48.2 72.4

Manual Integrations
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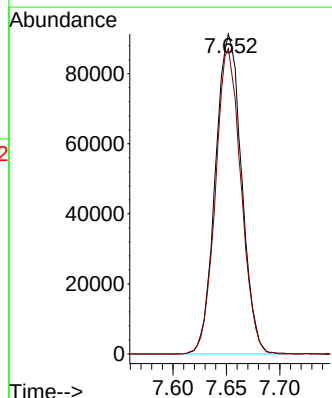
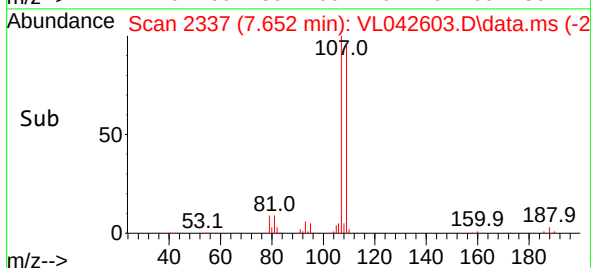
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

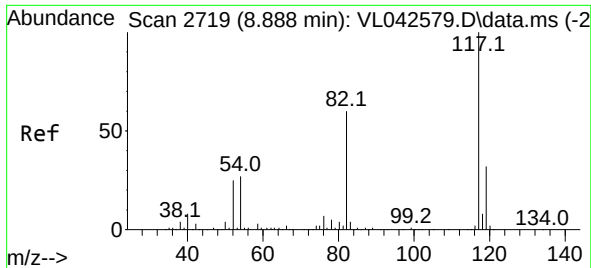


#54
1,2-Dibromoethane
Concen: 9.765 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



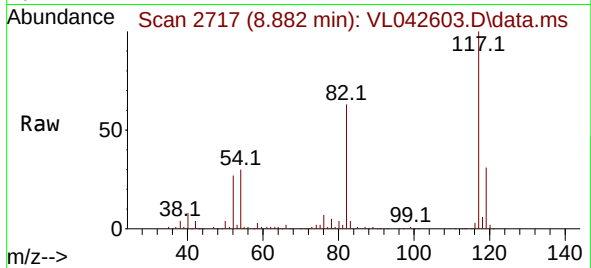
Tgt Ion:107 Resp: 155912
Ion Ratio Lower Upper
107 100
109 95.5 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2719
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

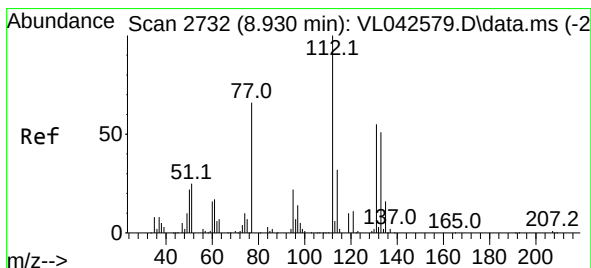
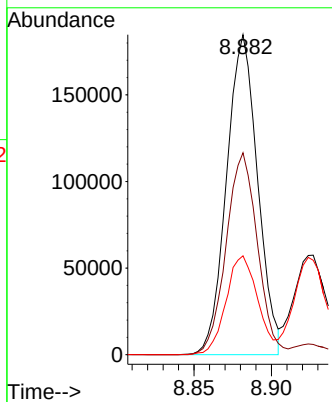
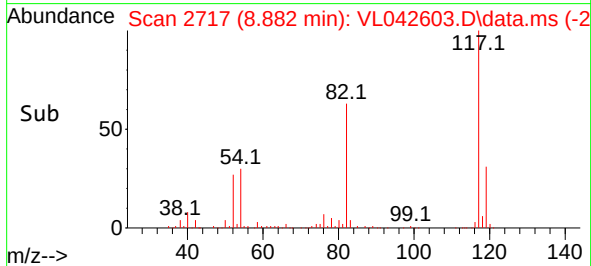
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



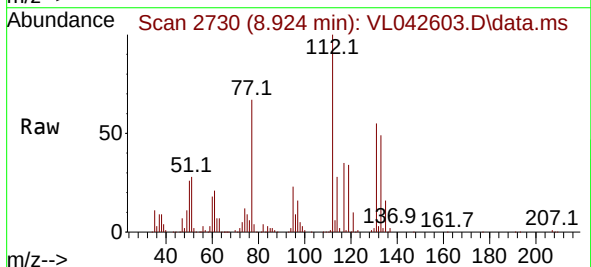
Tgt Ion:117 Resp: 257739
Ion Ratio Lower Upper
117 100
82 67.1 51.2 76.8
119 33.0 26.3 39.5

Manual Integrations
APPROVED

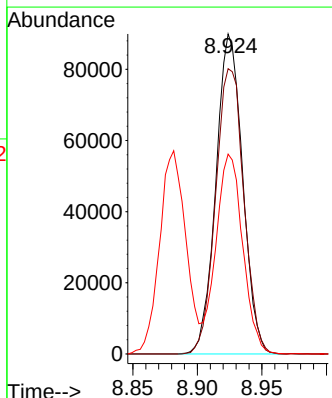
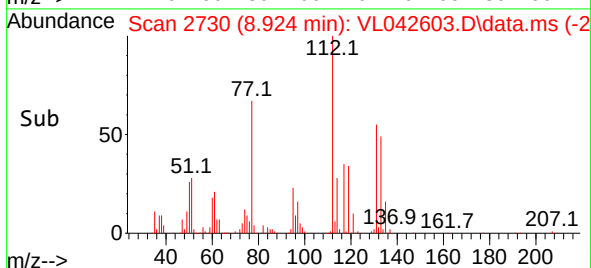
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

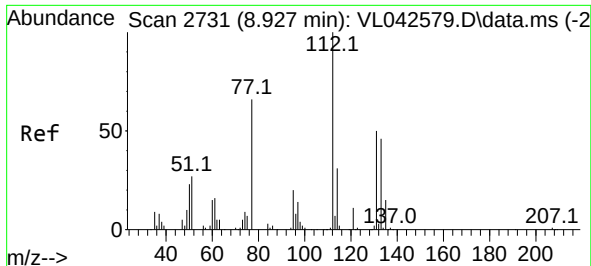


#56
1,1,1,2-Tetrachloroethane
Concen: 9.976 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



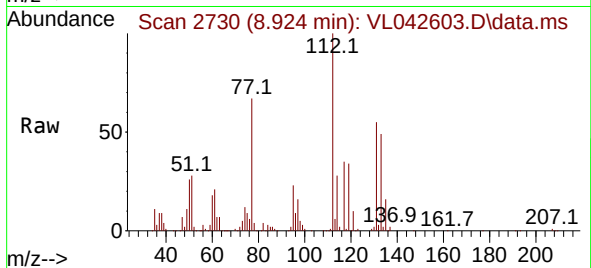
Tgt Ion:131 Resp: 129281
Ion Ratio Lower Upper
131 100
133 94.2 75.0 112.6
119 63.3 50.8 76.2





#57
Chlorobenzene
Concen: 9.474 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

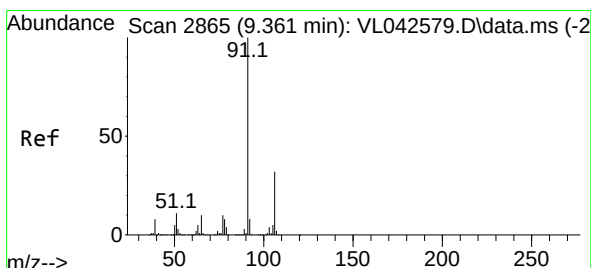
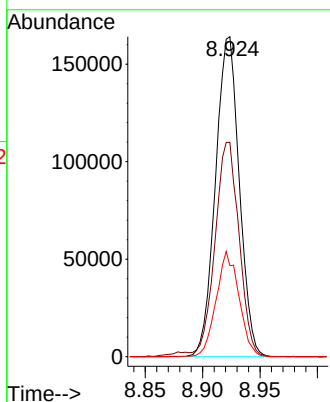
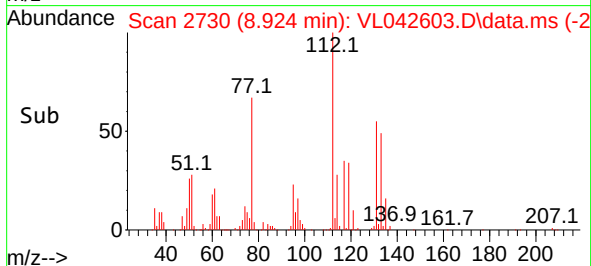
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 112 Resp: 237104
Ion Ratio Lower Upper
112 100
77 67.0 53.5 80.3
114 28.5 27.8 34.0

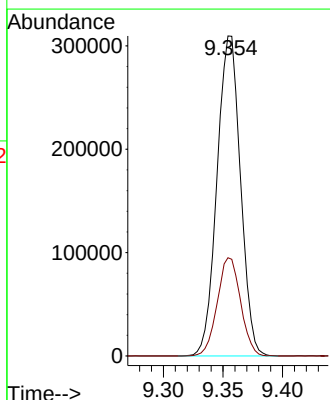
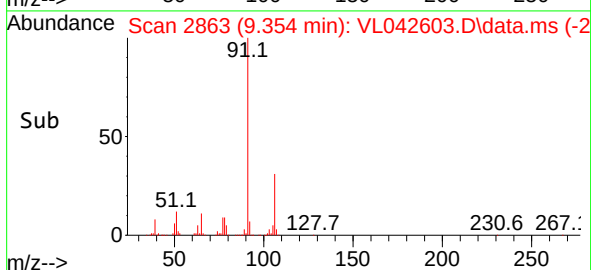
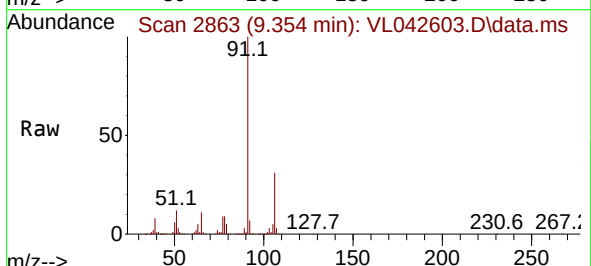
Manual Integrations
APPROVED

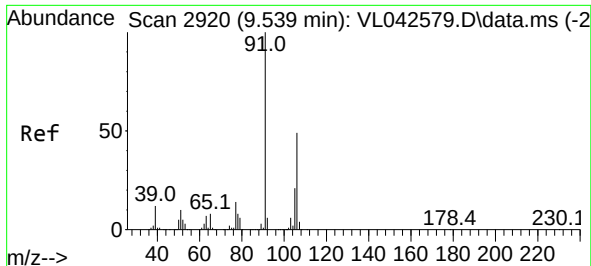
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#58
Ethyl Benzene
Concen: 9.686 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

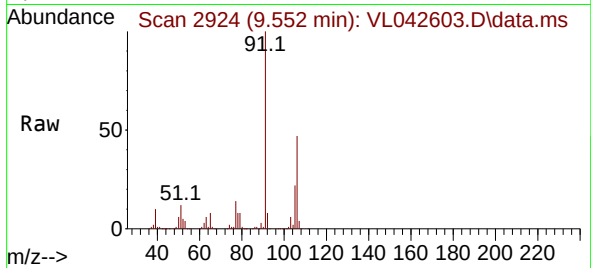
Tgt Ion: 91 Resp: 423449
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9





#59
m/p-Xylene
Concen: 19.548 ppbv m
RT: 9.552 min Scan# 2924
Delta R.T. 0.013 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

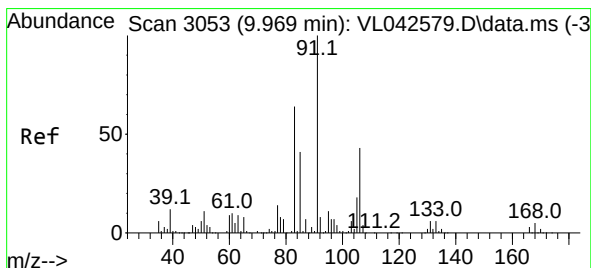
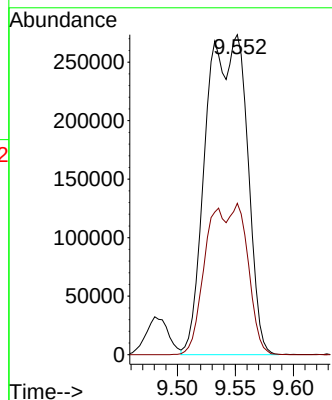
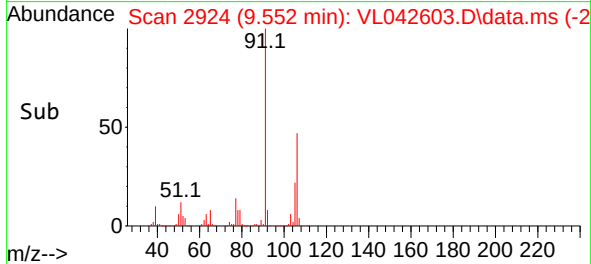
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 67255
Ion Ratio Lower Upper
91 100
106 0.0 38.8 58.2

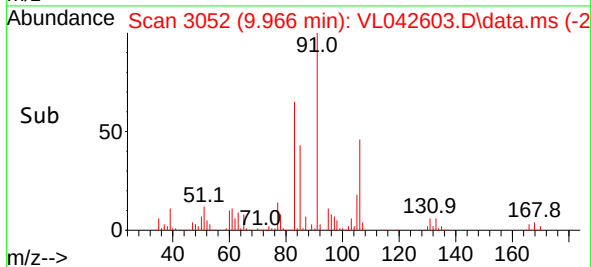
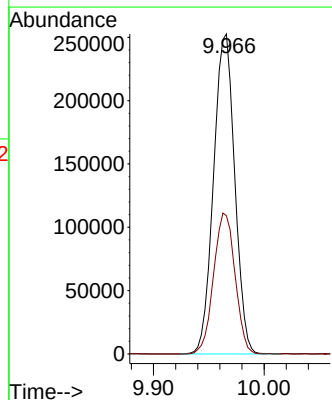
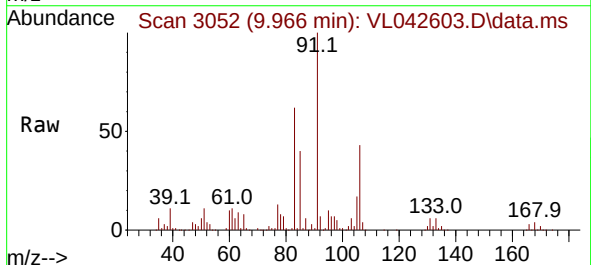
Manual Integrations
APPROVED

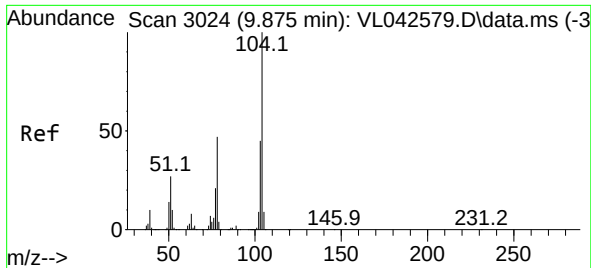
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#60
o-Xylene
Concen: 9.783 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Tgt Ion: 91 Resp: 335687
Ion Ratio Lower Upper
91 100
106 44.7 22.9 68.5





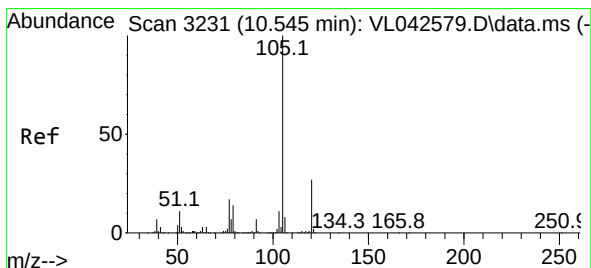
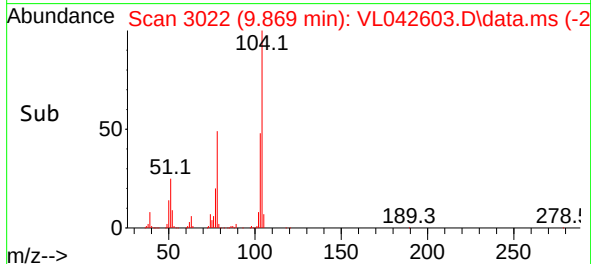
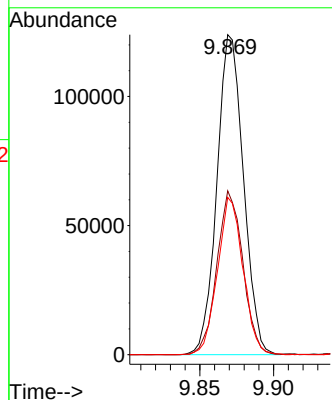
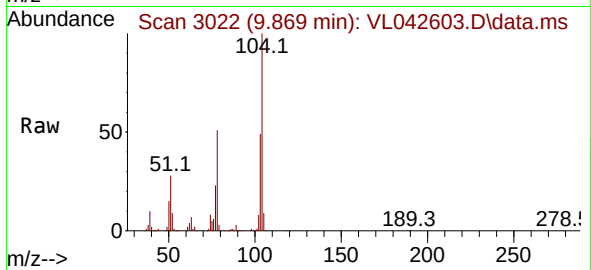
#61
Styrene
Concen: 9.576 ppbv
RT: 9.869 min Scan# 3024
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 155358
Ion Ratio Lower Upper
104 100
78 50.1 38.2 57.4
103 47.3 36.7 55.1

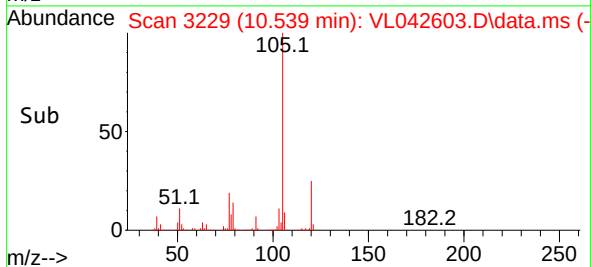
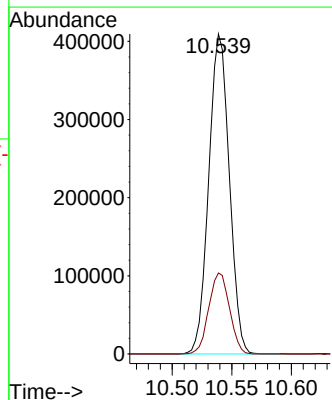
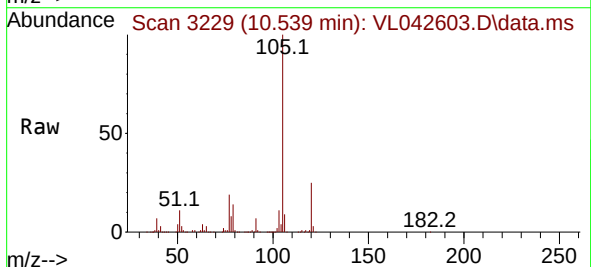
Manual Integrations
APPROVED

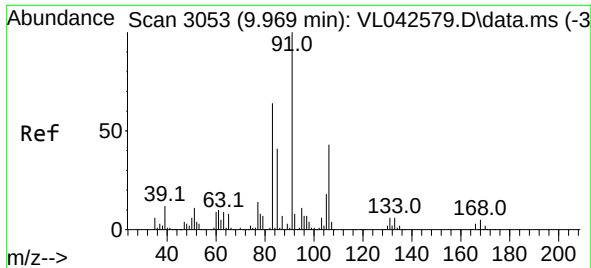
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#62
Isopropylbenzene
Concen: 9.699 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Tgt Ion:105 Resp: 491695
Ion Ratio Lower Upper
105 100
120 25.5 20.9 31.3





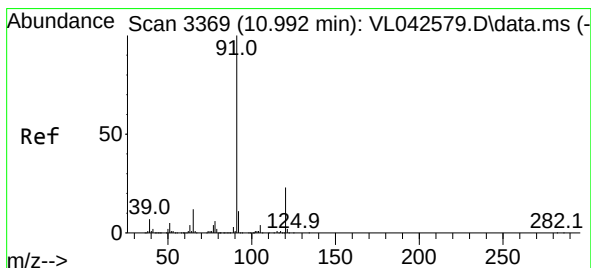
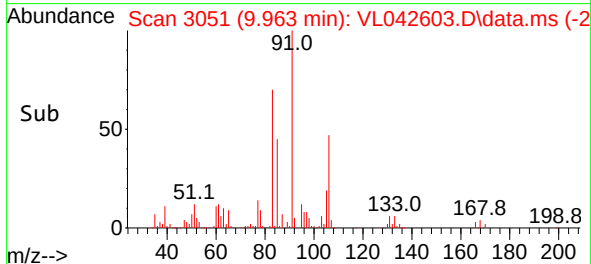
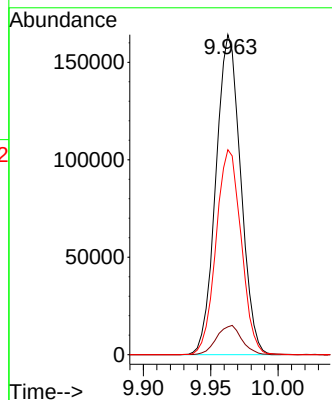
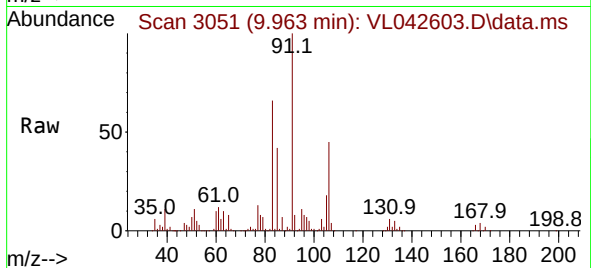
#63
1,1,2,2-Tetrachloroethane
Concen: 9.644 ppbv
RT: 9.963 min Scan# 3053
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 210420
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 64.8 32.5 97.4

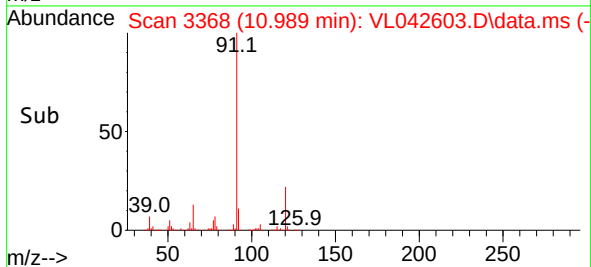
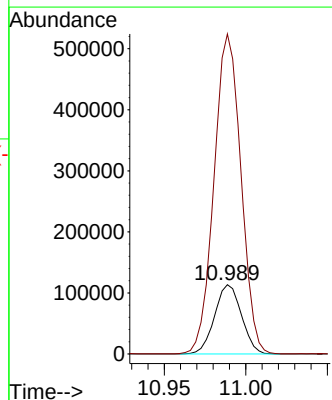
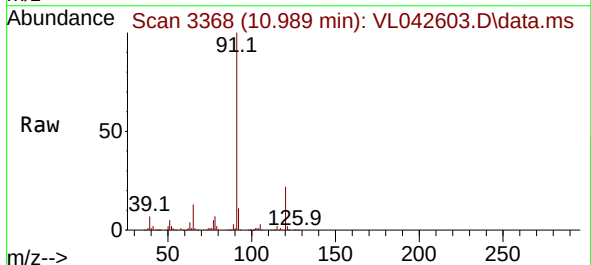
Manual Integrations
APPROVED

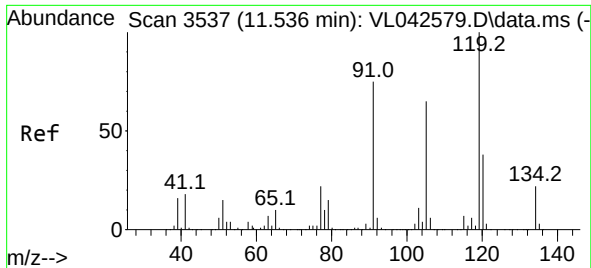
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#64
n-propylbenzene
Concen: 9.539 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

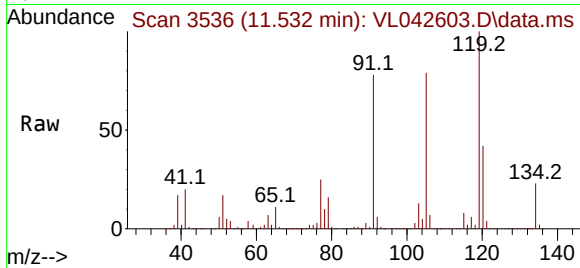
Tgt Ion:120 Resp: 129627
Ion Ratio Lower Upper
120 100
91 463.8 363.0 544.6





#65
tert-Butylbenzene
Concen: 9.389 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

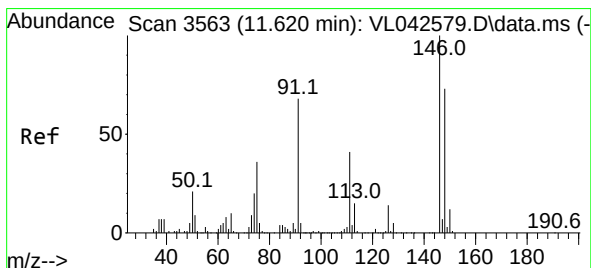
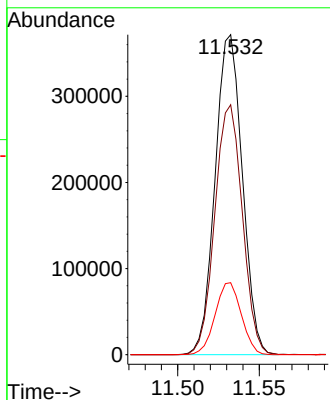
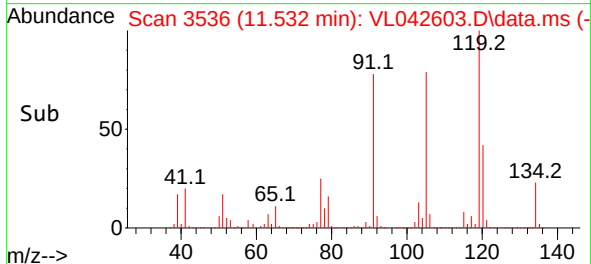
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



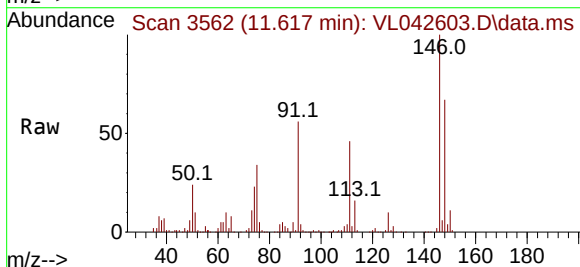
Tgt Ion: 119 Resp: 431902
Ion Ratio Lower Upper
119 100
91 79.0 61.1 91.7
134 21.6 17.4 26.2

Manual Integrations
APPROVED

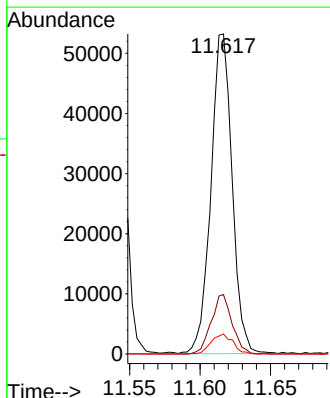
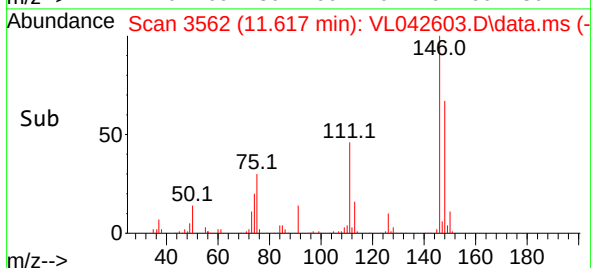
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

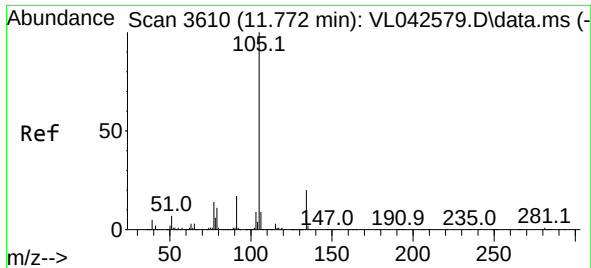


#66
Benzyl Chloride
Concen: 9.437 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



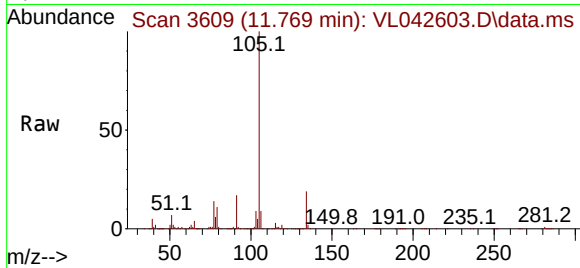
Tgt Ion: 91 Resp: 55882
Ion Ratio Lower Upper
91 100
126 18.2 15.1 22.7
128 6.4 5.0 7.6





#67
 sec-Butylbenzene
 Concen: 9.486 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57

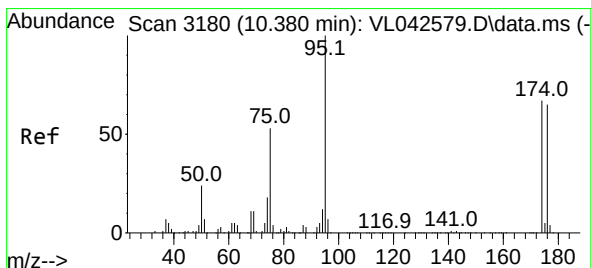
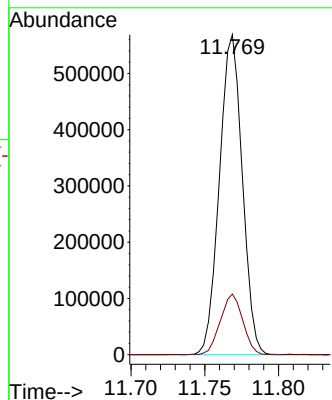
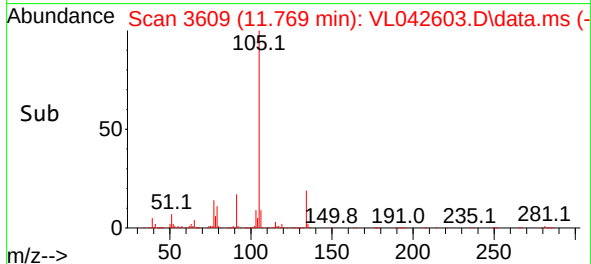
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



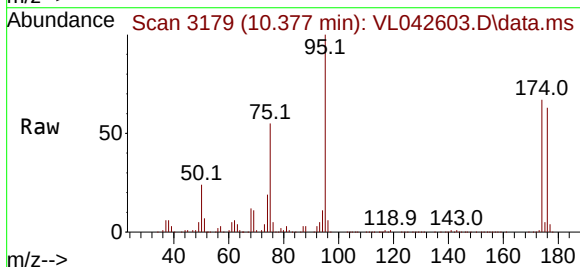
Tgt Ion:105 Resp: 613548
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.8 23.6

Manual Integrations
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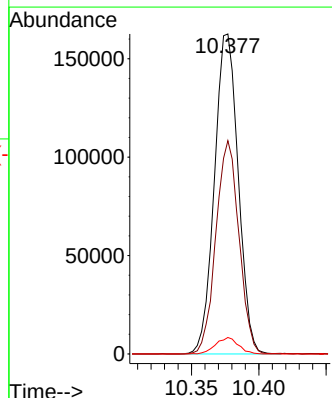
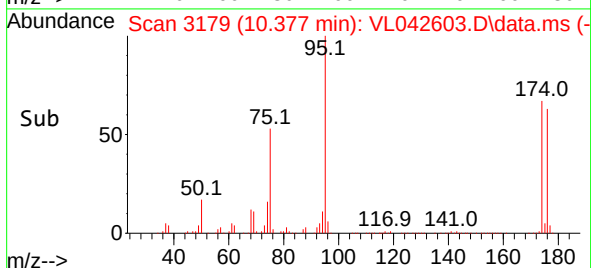
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025

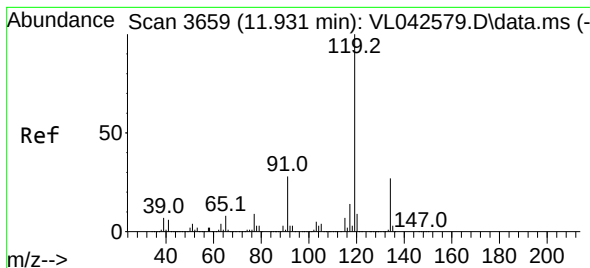


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.339 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57



Tgt Ion: 95 Resp: 199753
 Ion Ratio Lower Upper
 95 100
 174 64.6 53.1 79.7
 175 4.9 4.2 6.2





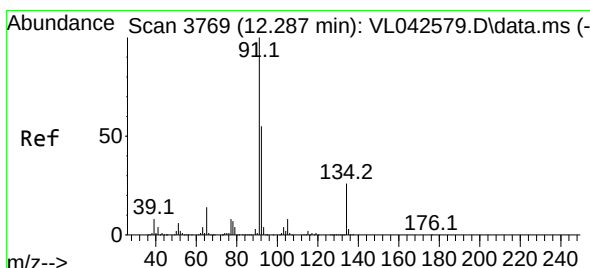
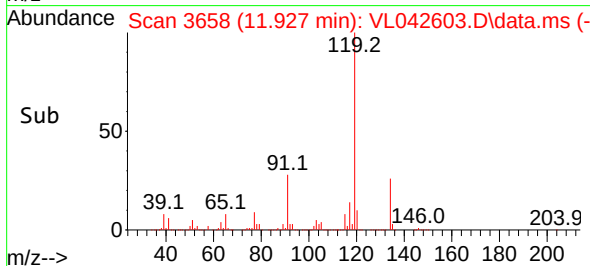
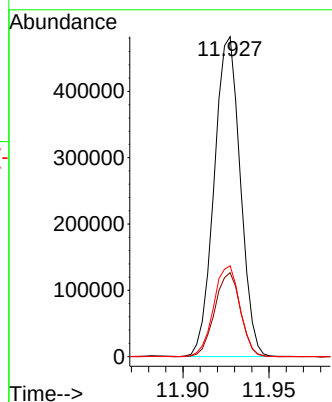
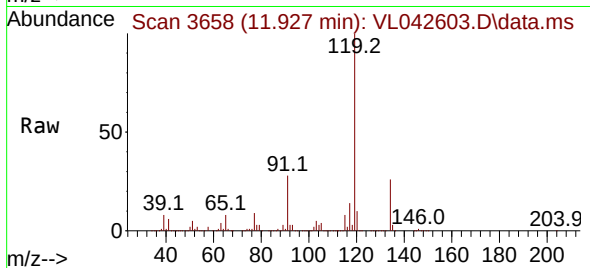
#69
p-Isopropyltoluene
Concen: 9.398 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 508999
Ion Ratio Lower Upper
119 100
134 26.0 21.1 31.7
91 28.6 21.9 32.9

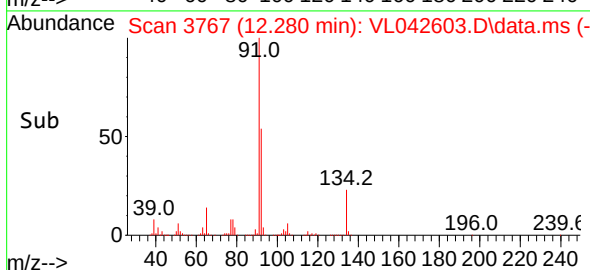
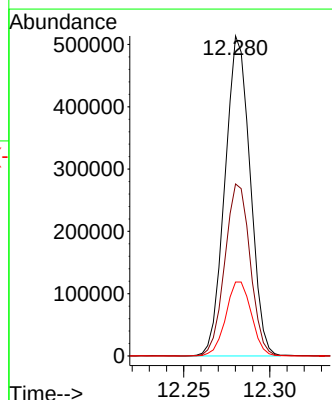
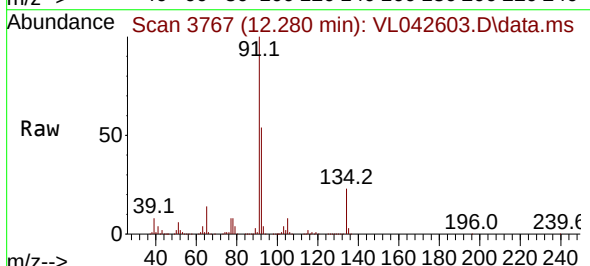
Manual Integrations
APPROVED

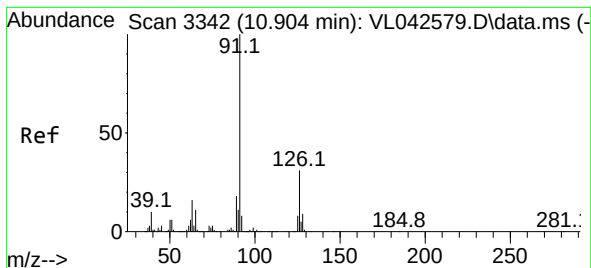
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#70
n-Butylbenzene
Concen: 9.765 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

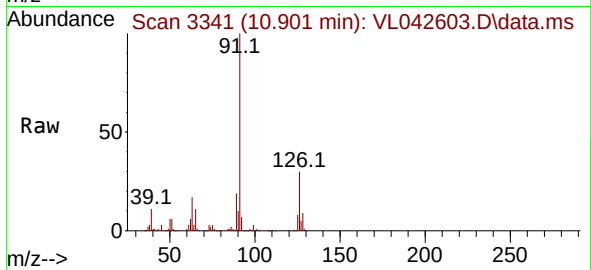
Tgt Ion: 91 Resp: 522086
Ion Ratio Lower Upper
91 100
92 54.4 44.4 66.6
134 23.5 20.1 30.1





#71
2-Chlorotoluene
Concen: 9.676 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

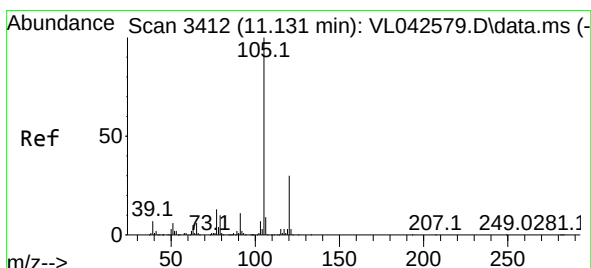
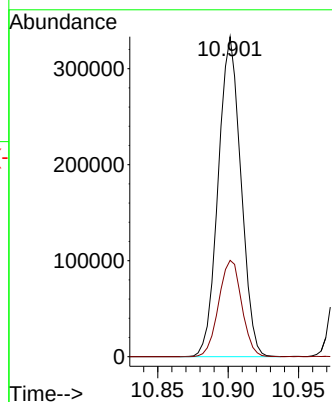
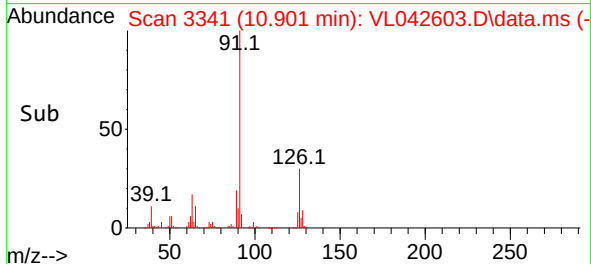
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



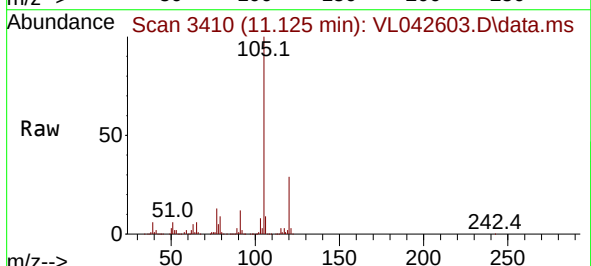
Tgt Ion: 91 Resp: 374154
Ion Ratio Lower Upper
91 100
126 30.5 12.6 50.4

Manual Integrations
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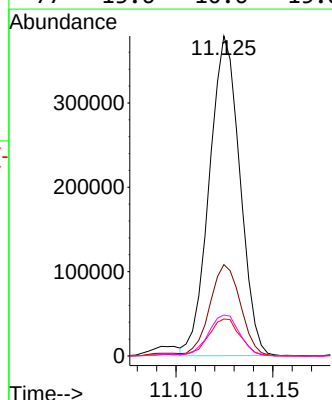
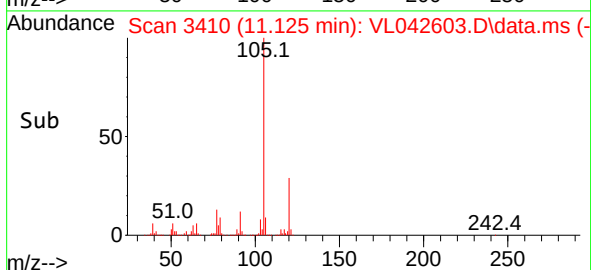
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

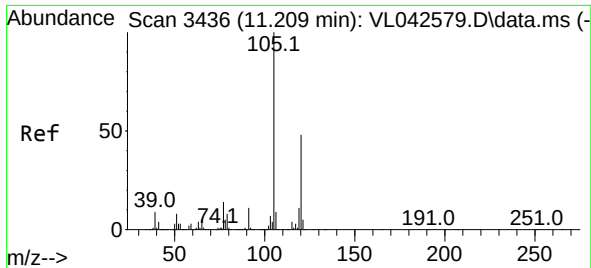


#72
4-Ethyltoluene
Concen: 9.713 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



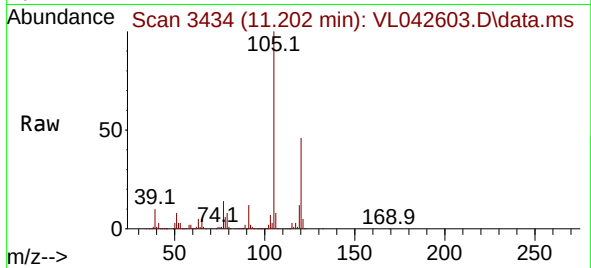
Tgt Ion:105 Resp: 415540
Ion Ratio Lower Upper
105 100
120 29.7 24.6 36.8
91 12.8 9.6 14.4
77 13.6 10.6 15.8





#73
1,3,5-Trimethylbenzene
Concen: 9.683 ppbv
RT: 11.202 min Scan# 3436
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

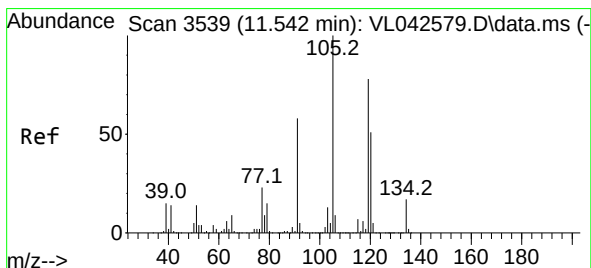
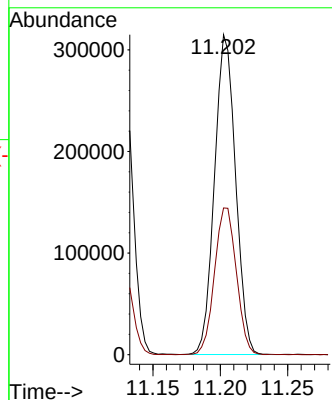
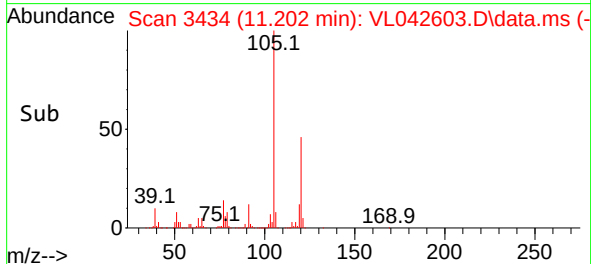
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



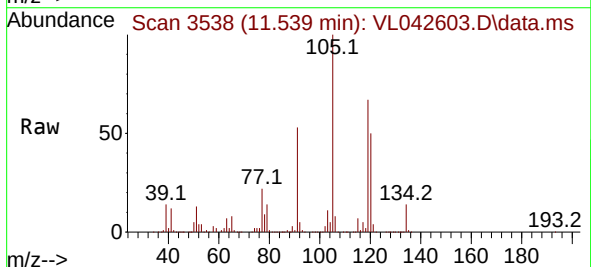
Tgt Ion:105 Resp: 34285
Ion Ratio Lower Upper
105 100
120 45.9 38.8 58.2

Manual Integrations
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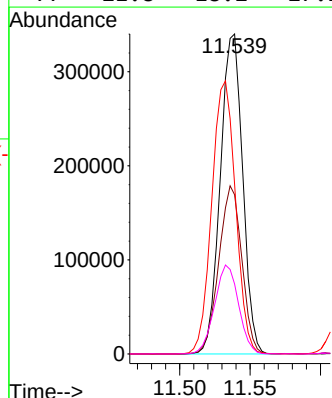
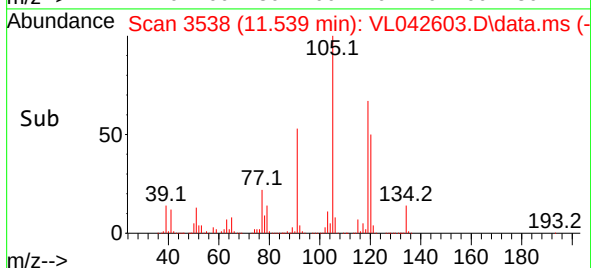
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

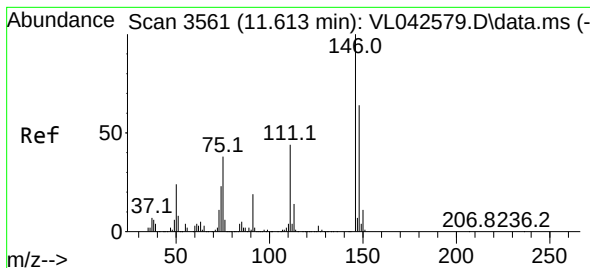


#74
1,2,4-Trimethylbenzene
Concen: 9.560 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



Tgt Ion:105 Resp: 375612
Ion Ratio Lower Upper
105 100
120 49.7 40.8 61.2
91 53.0 46.8 70.2
77 21.8 18.2 27.2





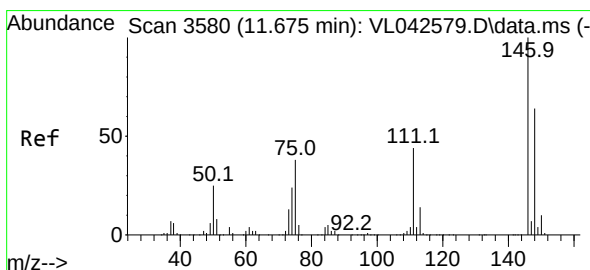
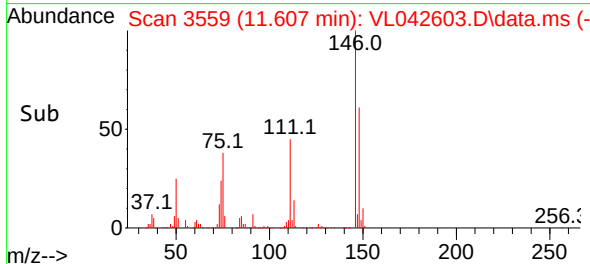
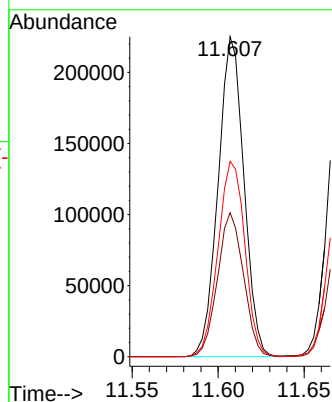
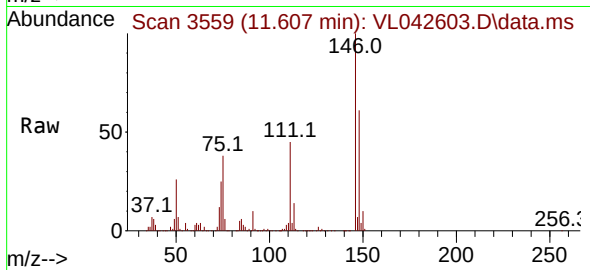
#75
1,3-Dichlorobenzene
Concen: 9.516 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.006 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 23481
Ion Ratio Lower Upper
146 100
111 45.3 22.4 67.3
148 63.5 32.0 96.2

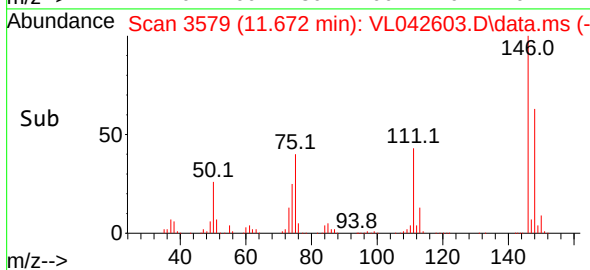
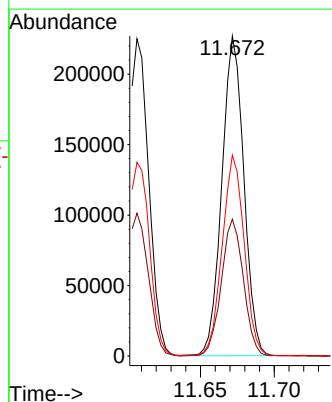
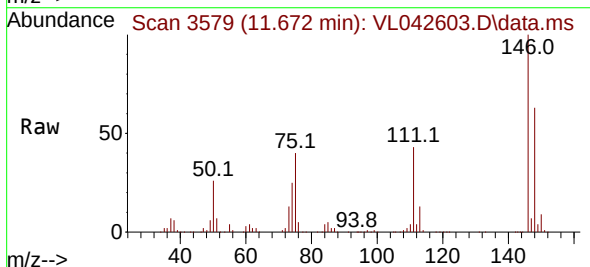
Manual Integrations
APPROVED

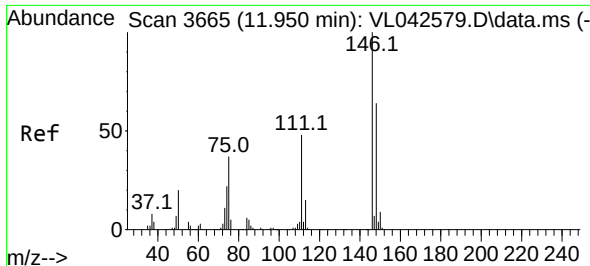
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#76
1,4-Dichlorobenzene
Concen: 9.572 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

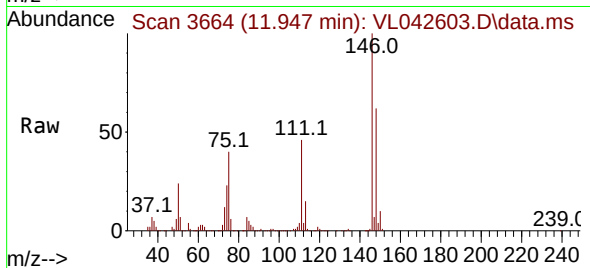
Tgt Ion:146 Resp: 235558
Ion Ratio Lower Upper
146 100
111 43.0 21.6 64.8
148 63.1 32.1 96.5





#77
1,2-Dichlorobenzene
Concen: 9.413 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

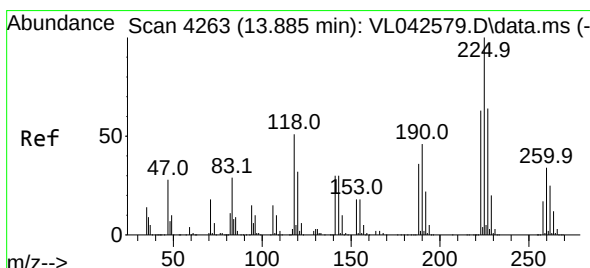
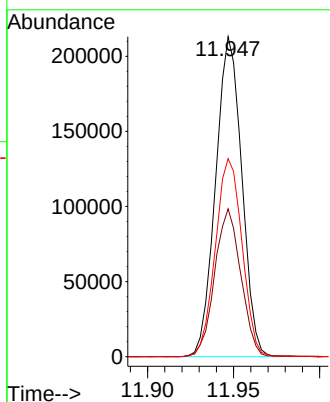
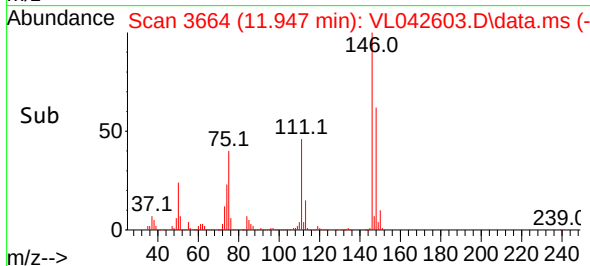
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



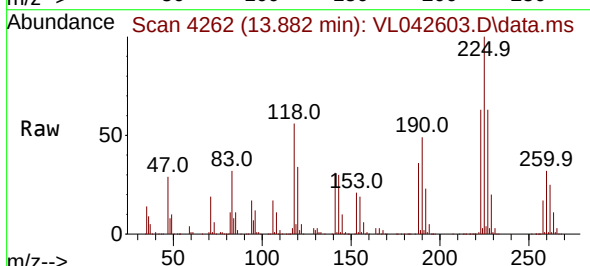
Tgt Ion:146 Resp: 225433
Ion Ratio Lower Upper
146 100
111 46.3 23.1 69.3
148 63.3 32.1 96.3

Manual Integrations
APPROVED

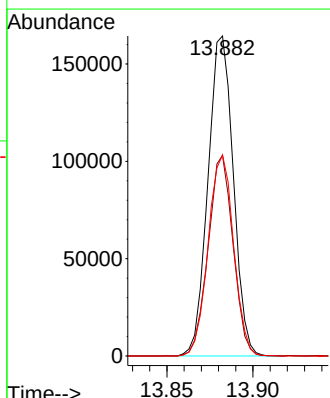
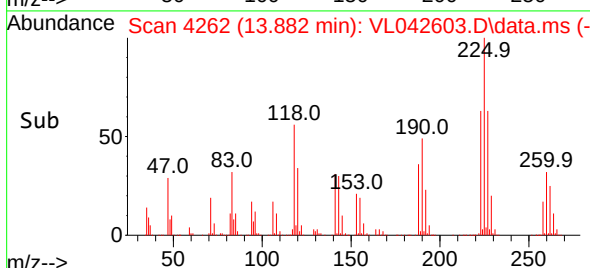
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

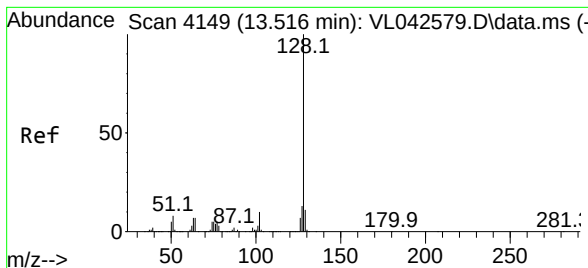


#78
Hexachloro-1,3-Butadiene
Concen: 8.498 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



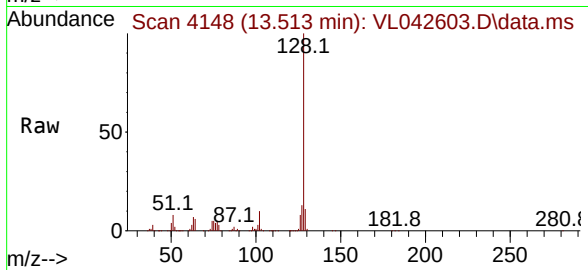
Tgt Ion:225 Resp: 168390
Ion Ratio Lower Upper
225 100
223 61.6 50.2 75.4
227 63.0 51.1 76.7





#79
Naphthalene
Concen: 10.012 ppbv
RT: 13.513 min Scan# 4149
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57

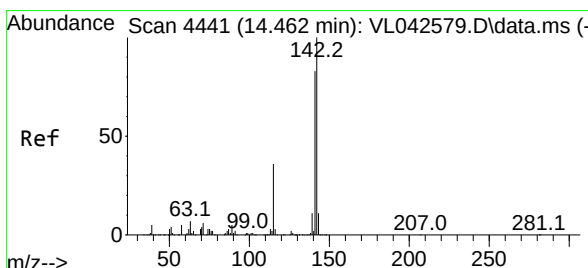
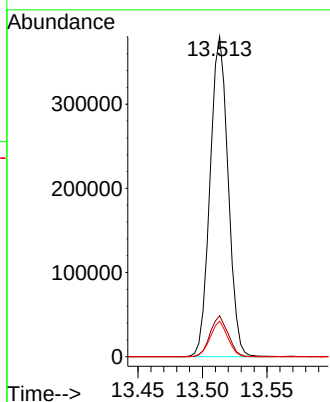
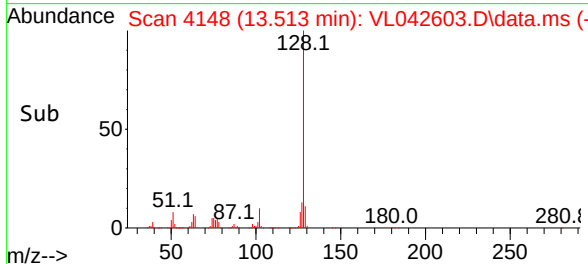
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



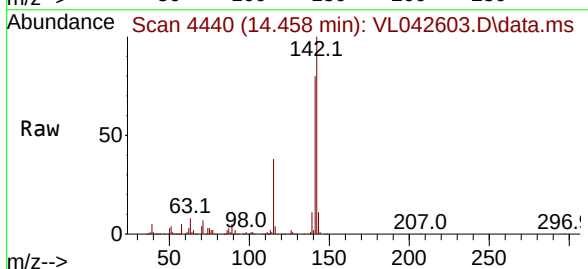
Tgt Ion:128 Resp: 370828
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.8 13.2

Manual Integrations
APPROVED

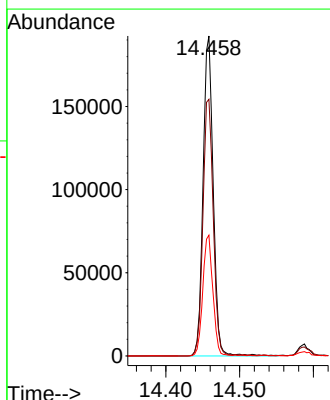
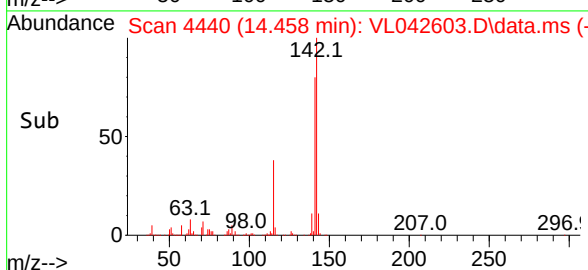
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

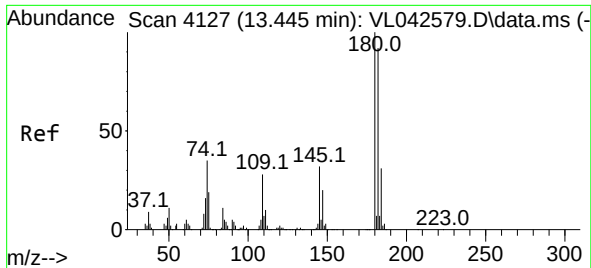


#80
Naphthalene,2-methyl-
Concen: 10.939 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.003 min
Lab File: VL042603.D
Acq: 03 Jun 2025 09:57



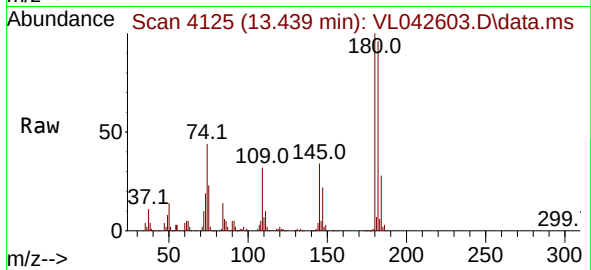
Tgt Ion:142 Resp: 183040
Ion Ratio Lower Upper
142 100
141 82.8 66.2 99.4
115 37.9 28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 9.447 ppbv
 RT: 13.439 min Scan# 4125
 Delta R.T. -0.006 min
 Lab File: VL042603.D
 Acq: 03 Jun 2025 09:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 195310
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.0 112.4
 184 29.9 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025

