

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062325\
 Data File : VL042663.D
 Acq On : 23 Jun 2025 08:41
 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 :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 06:40:03 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	107594	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	276339	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	242640	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 192988 10.610 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	138217	10.452	ppbv	97
3) Chlorodifluoromethane	1.476	51	178410	9.796	ppbv	97
4) Chloromethane	1.534	50	52895	10.101	ppbv	97
5) Vinyl Chloride	1.580	62	50091	9.390	ppbv	97
6) Bromomethane	1.667	94	24674	9.503	ppbv	88
7) Chloroethane	1.703	64	20015	9.657	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	113998	10.346	ppbv	99
9) Propene	1.483	41	68079	9.282	ppbv	100
10) Heptane	4.978	43	196688	9.514	ppbv	100
11) Trichlorofluoromethane	1.877	101	146085	11.873	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.140	101	110320	11.419	ppbv	97
13) Ethanol	1.722	45	5775	6.607	ppbv	95
14) Bromoethene	1.780	108	40479	11.139	ppbv	95
15) Acetone	1.835	43	121399	9.367	ppbv	98
16) 1,3-Butadiene	1.609	39	57008	9.286	ppbv	95
17) tert-Butyl alcohol	2.039	59	132796	9.836	ppbv	99
18) 1,1-Dichloroethene	2.036	96	47216	10.544	ppbv	86
19) Isopropyl Alcohol	1.884	45	75865	9.792	ppbv	93
20) Methylene Chloride	2.062	84	42438	9.923	ppbv	95
21) Allyl Chloride	2.094	41	90824	9.932	ppbv	94
22) trans-1,2-Dichloroethene	2.340	96	54642	10.924	ppbv	99
23) Vinyl Acetate	2.463	43	205531	11.732	ppbv	98
24) 1,1-Dichloroethane	2.408	63	112237	10.905	ppbv	99
25) Ethyl Acetate	2.835	43	347267	9.791	ppbv	99
26) Hexane	2.826	57	151330	9.390	ppbv	97
27) Carbon Disulfide	2.149	76	136256	11.013	ppbv	96
28) Methyl tert-Butyl Ether	2.441	73	63583	9.723	ppbv	97
29) Chloroform	2.848	83	221500	10.569	ppbv	98
30) Cyclohexane	3.858	84	121505	9.094	ppbv	98
31) cis-1,2-Dichloroethene	2.722	61	146205	9.918	ppbv	99
32) 1,1,1-Trichloroethane	3.369	97	212367	9.918	ppbv	98
34) 2-Butanone	2.557	43	229755	11.658	ppbv	100
35) Carbon Tetrachloride	3.761	117	219549	12.036	ppbv	94
36) Benzene	3.658	78	300886	11.057	ppbv	98
37) 1,2-Dichloroethane	3.217	62	166642	12.321	ppbv	97
38) Trichloroethene	4.548	130	118538	10.248	ppbv	91
39) 1,2-Dichloropropane	4.311	63	112430	11.172	ppbv	97
40) 1,4-Dioxane	4.580	88	49446	10.981	ppbv #	94
41) Tetrahydrofuran	3.052	42	124761	10.815	ppbv	99
42) Bromodichloromethane	4.489	83	240200	12.505	ppbv	96
43) Methyl Methacrylate	4.878	69	110110	10.425	ppbv	99
44) 2,2,4-Trimethylpentane	4.638	57	517756	11.123	ppbv	99
45) t-1,3-Dichloropropene	6.415	75	127466	10.547	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062325\
 Data File : VL042663.D
 Acq On : 23 Jun 2025 08:41
 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 :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 06:40:03 2025

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

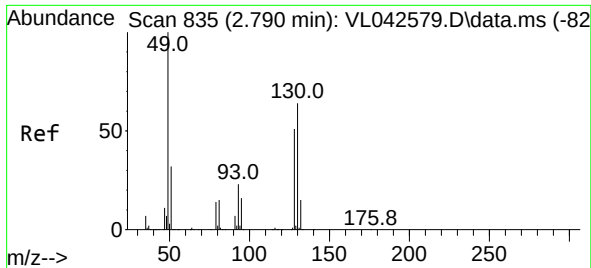
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	165013	10.896	ppbv	99
47) 1,1,2-Trichloroethane	6.580	97	116477	11.181	ppbv	91
48) Dibromochloromethane	7.389	129	189132	11.341	ppbv	99
49) Bromoform	9.483	173	161707	11.238	ppbv	99
50) 4-Methyl-2-Pentanone	5.752	43	300666	11.000	ppbv	98
51) 2-Hexanone	7.438	43	237754	10.967	ppbv #	96
52) Tetrachloroethene	8.228	164	99515	9.787	ppbv	96
53) Toluene	6.933	91	327154	10.402	ppbv	100
54) 1,2-Dibromoethane	7.655	107	171564	11.127	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.927	131	142626	11.690	ppbv	98
57) Chlorobenzene	8.924	112	259252	11.004	ppbv	96
58) Ethyl Benzene	9.357	91	454212	11.036	ppbv	96
59) m/p-Xylene	9.535	91	749683m	23.146	ppbv	
60) o-Xylene	9.966	91	370094	11.457	ppbv	97
61) Styrene	9.875	104	159261	10.427	ppbv	98
62) Isopropylbenzene	10.542	105	537730	11.267	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	238296	11.601	ppbv	99
64) n-propylbenzene	10.992	120	140127	10.954	ppbv	92
65) tert-Butylbenzene	11.532	119	470271	10.859	ppbv	96
66) Benzyl Chloride	11.616	91	49156	8.818	ppbv	97
67) sec-Butylbenzene	11.769	105	678281	11.140	ppbv	98
69) p-Isopropyltoluene	11.927	119	557238	10.929	ppbv	99
70) n-Butylbenzene	12.283	91	573279	11.390	ppbv	98
71) 2-Chlorotoluene	10.904	91	410730	11.283	ppbv	96
72) 4-Ethyltoluene	11.128	105	452536	11.236	ppbv	98
73) 1,3,5-Trimethylbenzene	11.205	105	376444	11.293	ppbv	99
74) 1,2,4-Trimethylbenzene	11.539	105	416433	11.258	ppbv	98
75) 1,3-Dichlorobenzene	11.610	146	260528	11.215	ppbv	98
76) 1,4-Dichlorobenzene	11.675	146	261021	11.267	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	251878	11.172	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	179838	9.641	ppbv	99
79) Naphthalene	13.513	128	395716	11.349	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	187000	11.871	ppbv	97
81) 1,2,4-Trichlorobenzene	13.439	180	204634	10.513	ppbv	98

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



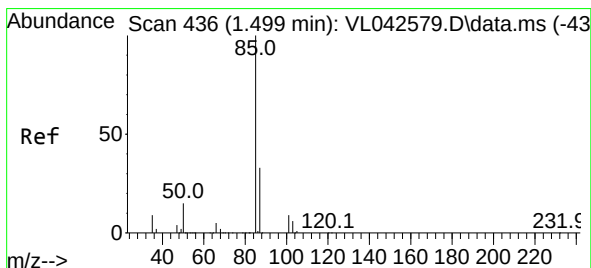
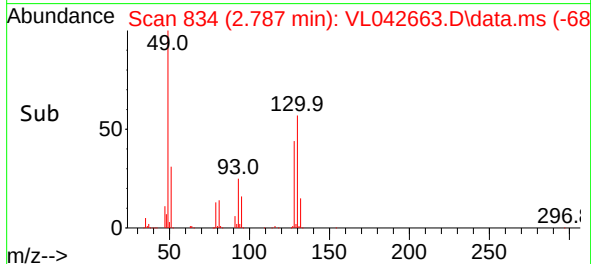
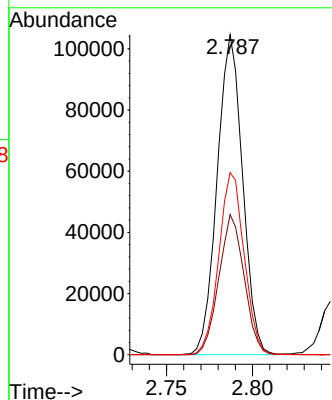
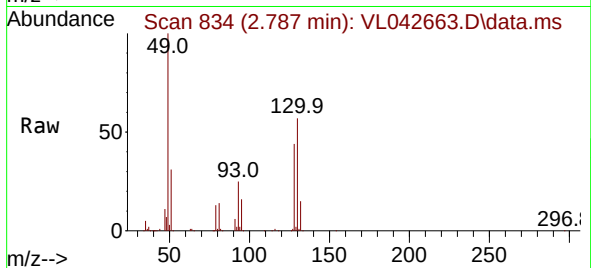
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 107594
Ion Ratio Lower Upper
49 100
128 43.4 24.2 72.6
130 56.7 30.4 91.2

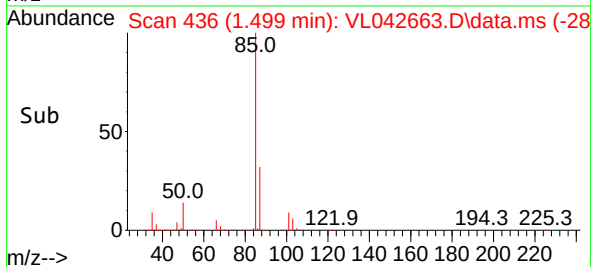
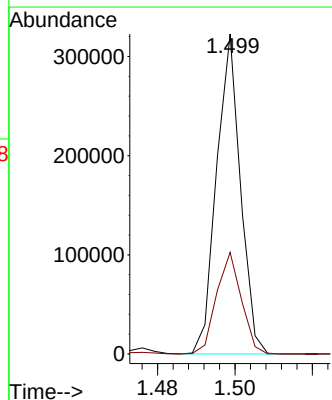
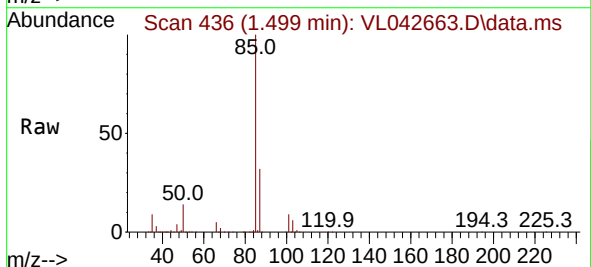
Manual Integrations
APPROVED

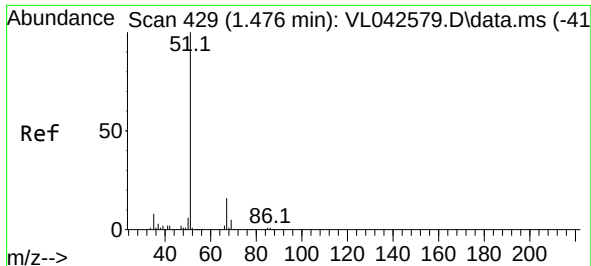
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#2
Dichlorodifluoromethane
Concen: 10.452 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

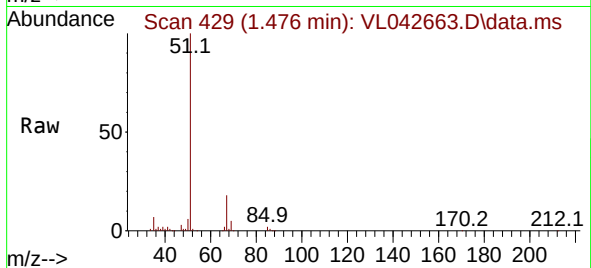
Tgt Ion: 85 Resp: 138217
Ion Ratio Lower Upper
85 100
87 31.8 26.6 39.8





#3
Chlorodifluoromethane
Concen: 9.796 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

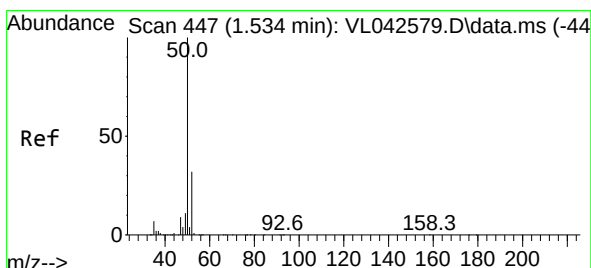
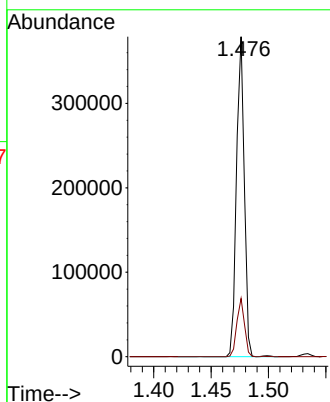
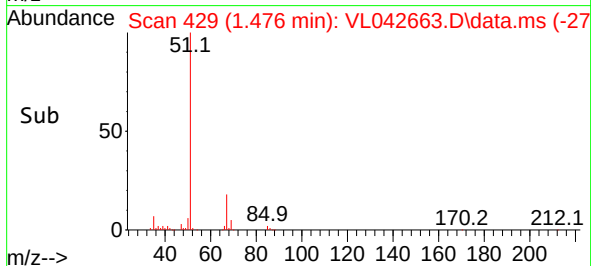
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



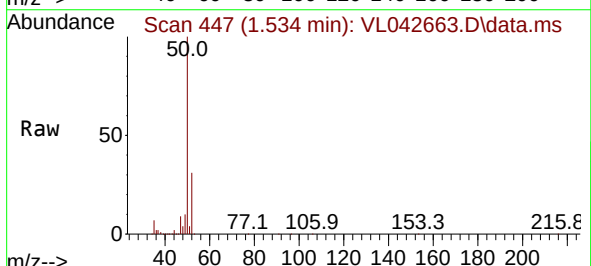
Tgt Ion: 51 Resp: 178410
Ion Ratio Lower Upper
51 100
67 18.0 13.4 20.2

Manual Integrations
APPROVED

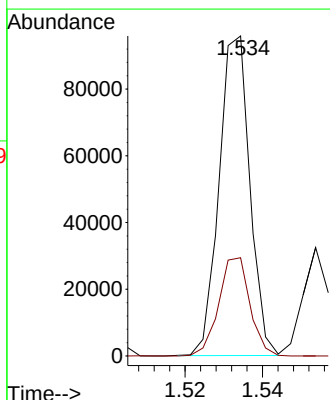
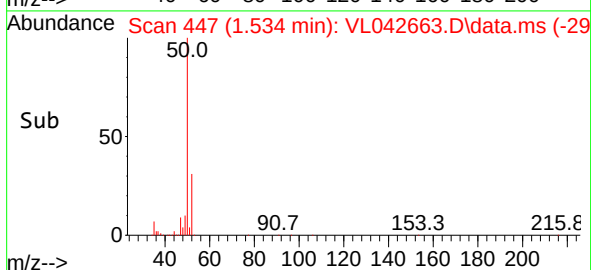
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

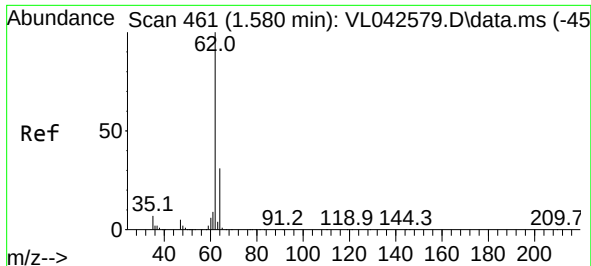


#4
Chloromethane
Concen: 10.101 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41



Tgt Ion: 50 Resp: 52895
Ion Ratio Lower Upper
50 100
52 30.7 25.8 38.6





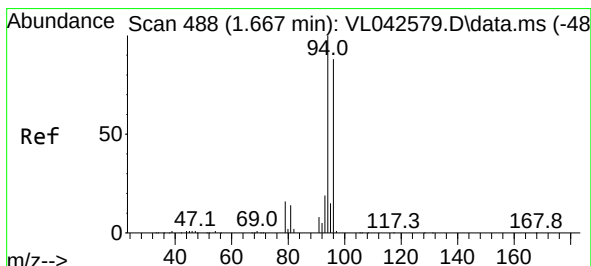
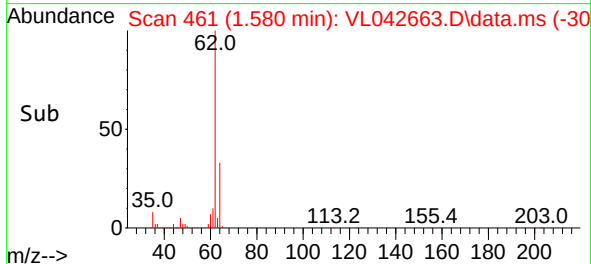
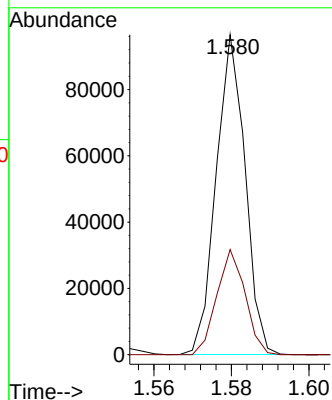
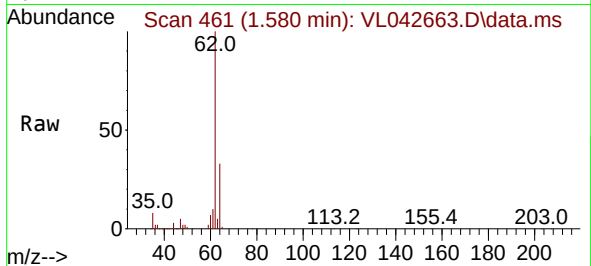
#5
 Vinyl Chloride
 Concen: 9.390 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 5009
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.9 37.3

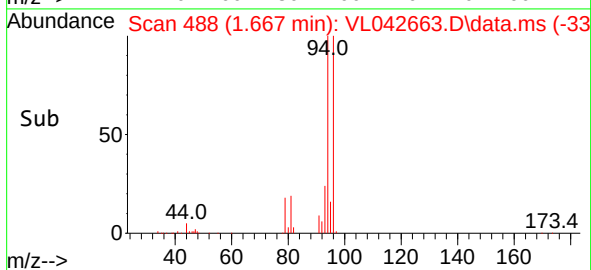
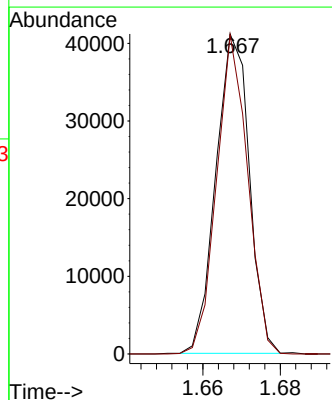
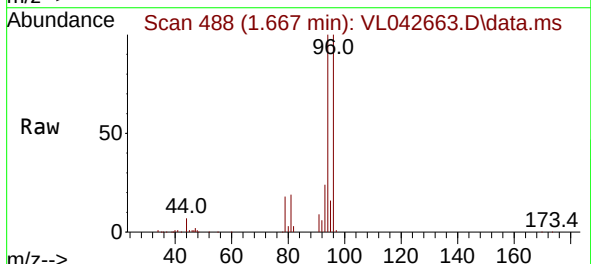
Manual Integrations
 APPROVED

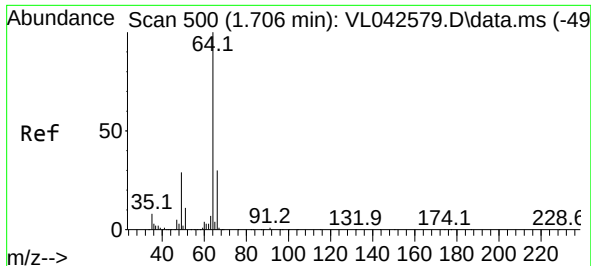
Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025



#6
 Bromomethane
 Concen: 9.503 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

Tgt Ion: 94 Resp: 24674
 Ion Ratio Lower Upper
 94 100
 96 99.7 70.7 106.1





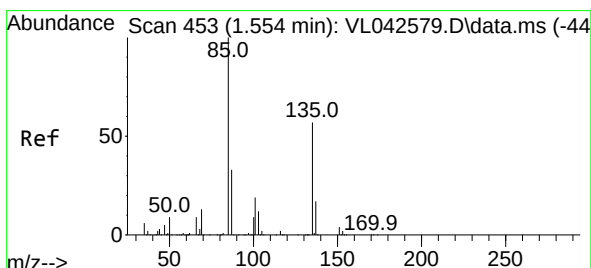
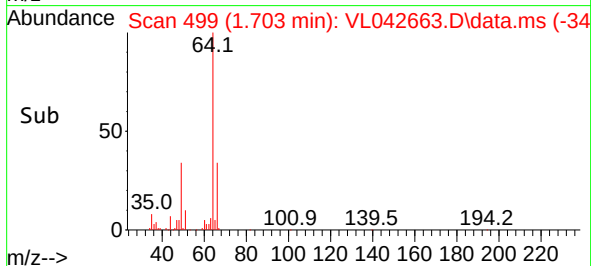
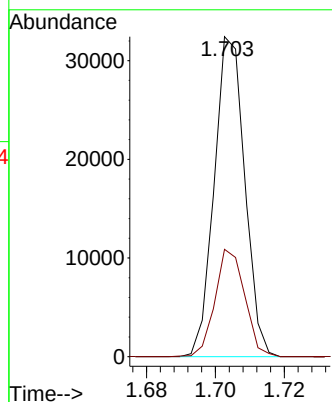
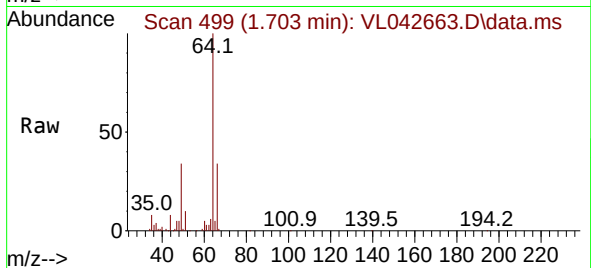
#7
Chloroethane
Concen: 9.657 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 2001
Ion Ratio Lower Upper
64 100
66 33.6 24.3 36.5

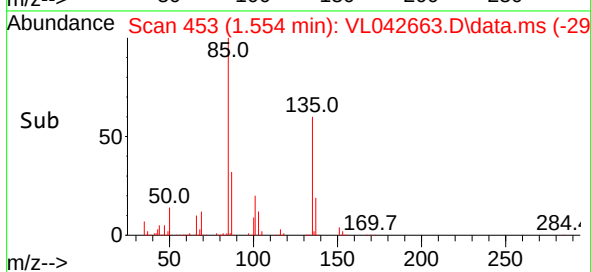
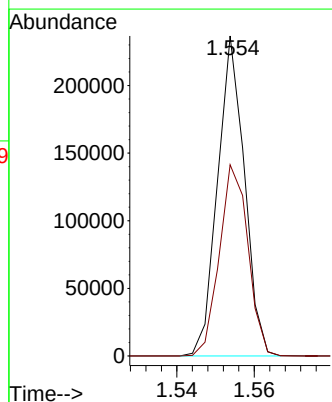
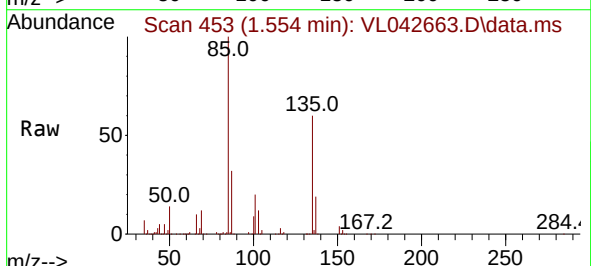
Manual Integrations
APPROVED

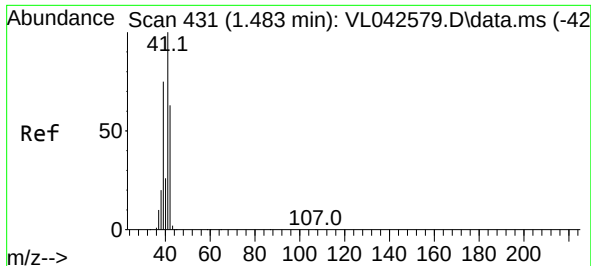
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#8
Dichlorotetrafluoroethane
Concen: 10.346 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

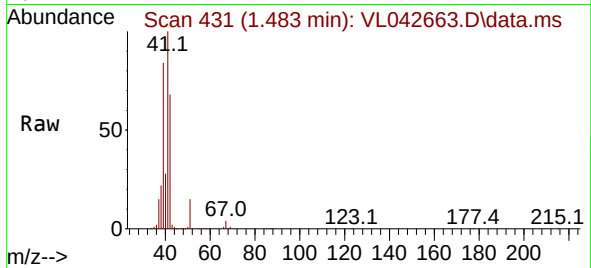
Tgt Ion: 85 Resp: 113998
Ion Ratio Lower Upper
85 100
135 63.6 50.2 75.4





#9
 Propene
 Concen: 9.282 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

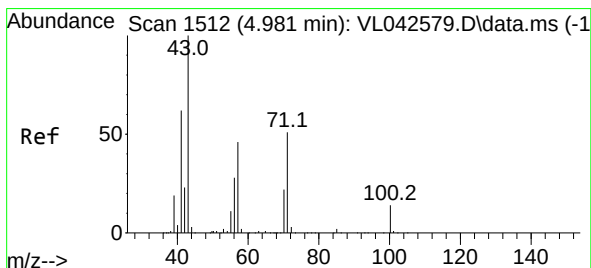
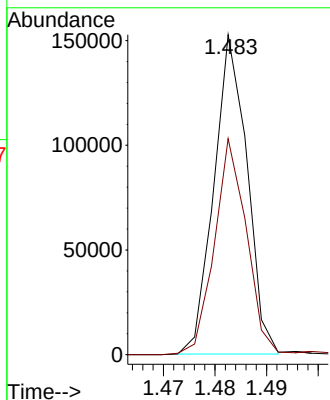
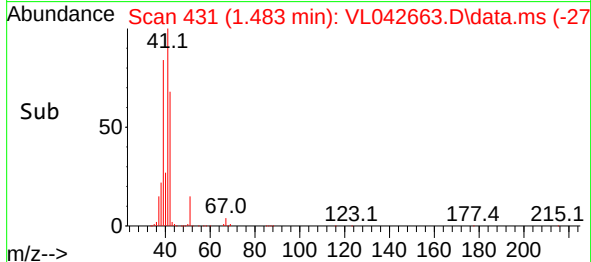
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



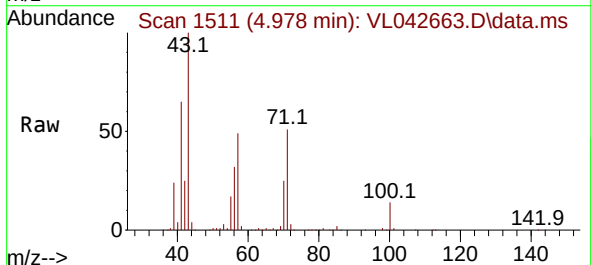
Tgt Ion: 41 Resp: 68079
 Ion Ratio Lower Upper
 41 100
 42 67.0 53.3 79.9

Manual Integrations
 APPROVED

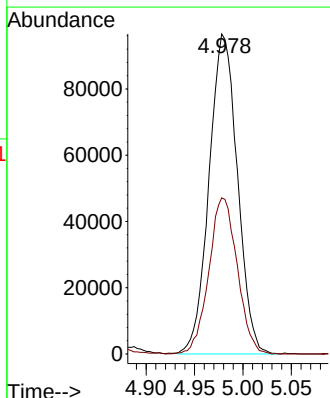
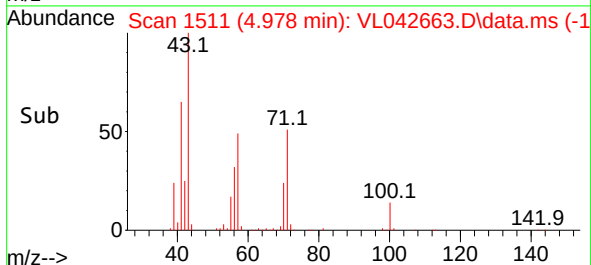
Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

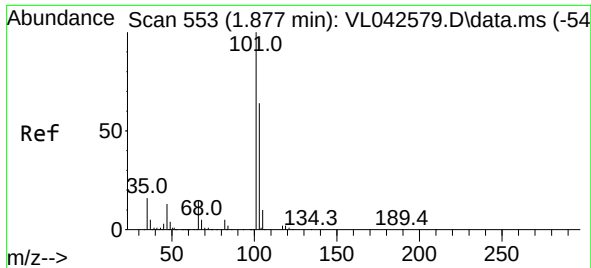


#10
 Heptane
 Concen: 9.514 ppbv
 RT: 4.978 min Scan# 1511
 Delta R.T. -0.003 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41



Tgt Ion: 43 Resp: 196688
 Ion Ratio Lower Upper
 43 100
 57 48.9 38.9 58.3





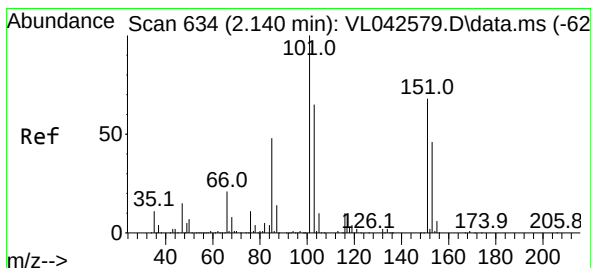
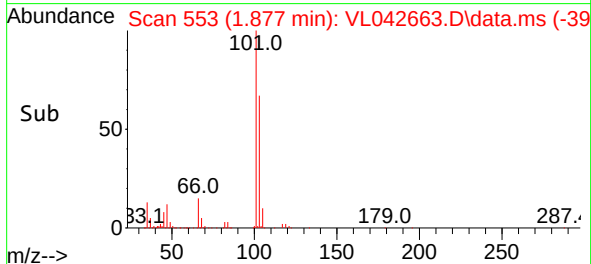
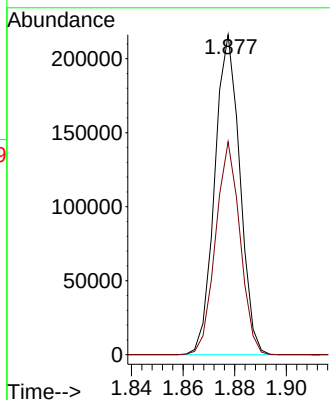
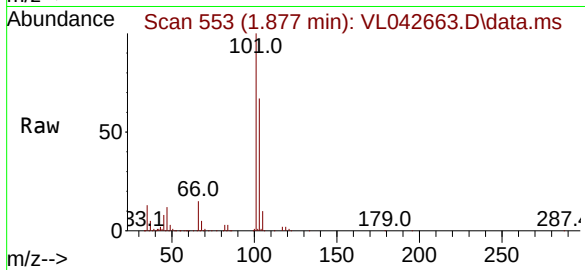
#11
 Trichlorofluoromethane
 Concen: 11.873 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 146085
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.5 77.3

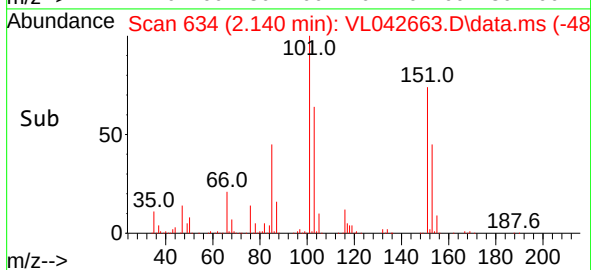
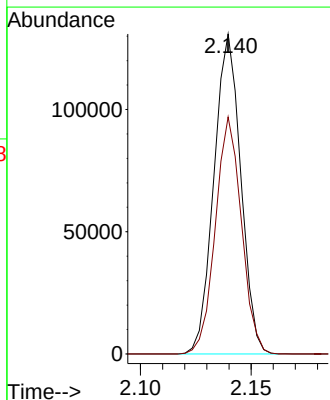
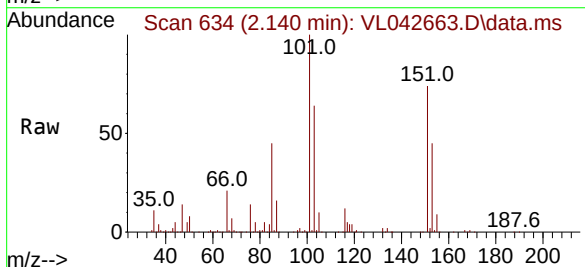
Manual Integrations
 APPROVED

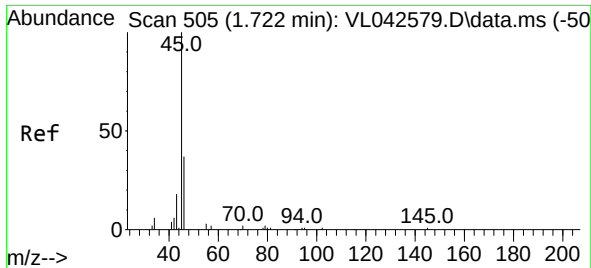
Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.419 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.000 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

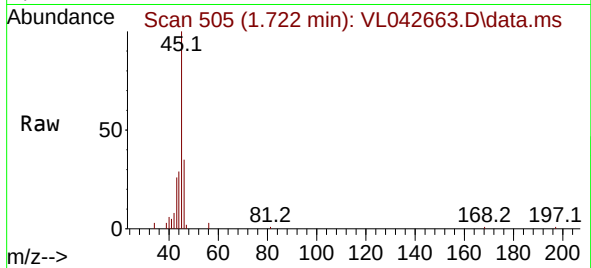
Tgt Ion:101 Resp: 110320
 Ion Ratio Lower Upper
 101 100
 151 71.9 55.3 82.9





#13
Ethanol
Concen: 6.607 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

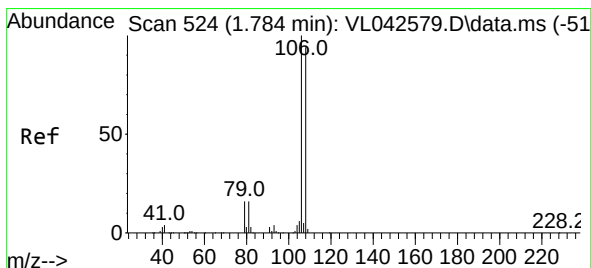
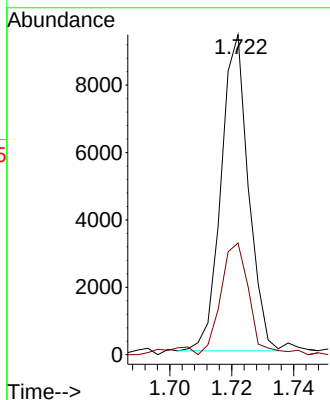
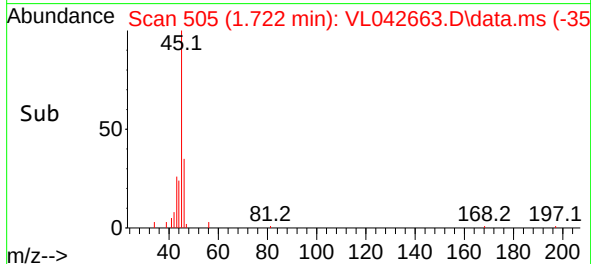
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



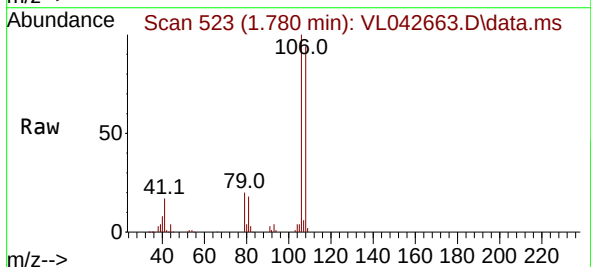
Tgt Ion: 45 Resp: 5779
Ion Ratio Lower Upper
45 100
46 39.4 14.5 58.1

Manual Integrations
APPROVED

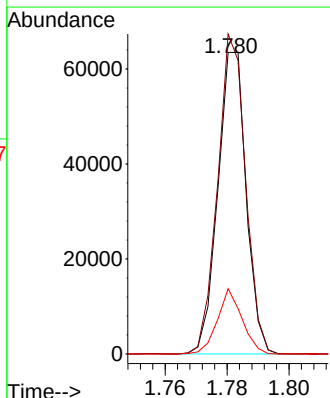
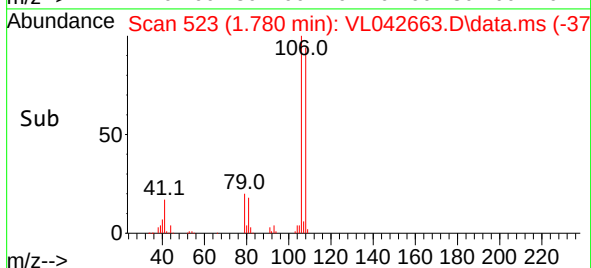
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

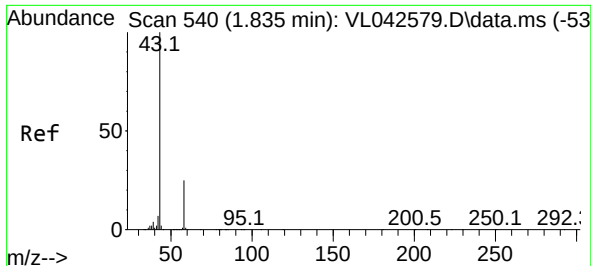


#14
Bromoethene
Concen: 11.139 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41



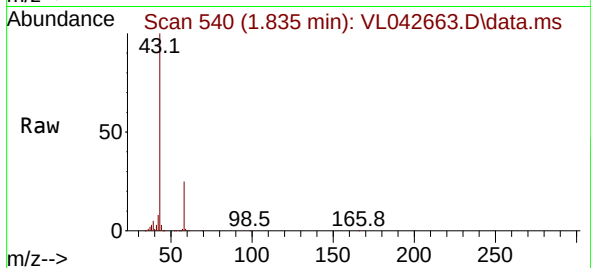
Tgt Ion:108 Resp: 40479
Ion Ratio Lower Upper
108 100
106 104.2 87.9 131.9
79 18.8 15.6 23.4





#15
Acetone
Concen: 9.367 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

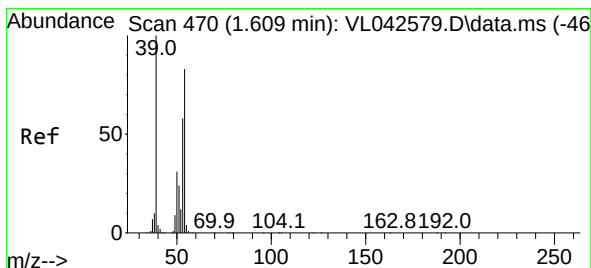
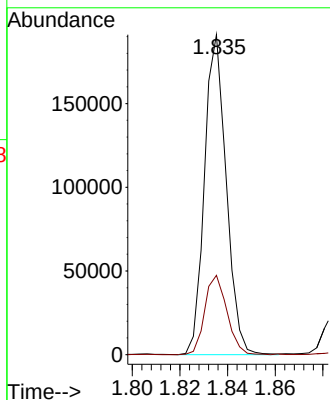
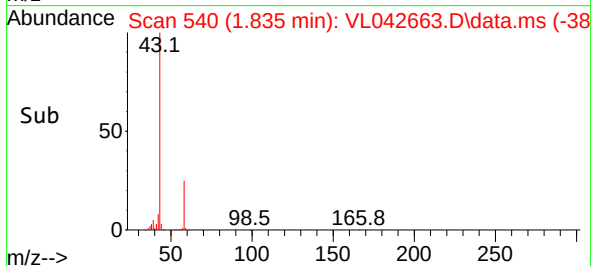
Instrument : MSVOA_1
ClientSampleId : VSTDCCC010



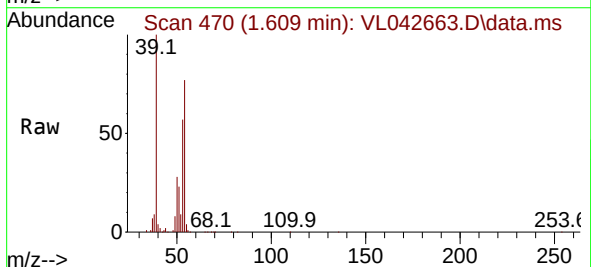
Tgt Ion: 43 Resp: 121395
Ion Ratio Lower Upper
43 100
58 25.3 21.0 31.4

Manual Integrations
APPROVED

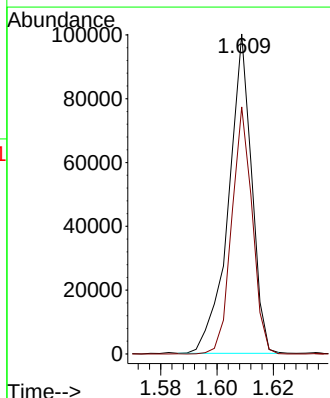
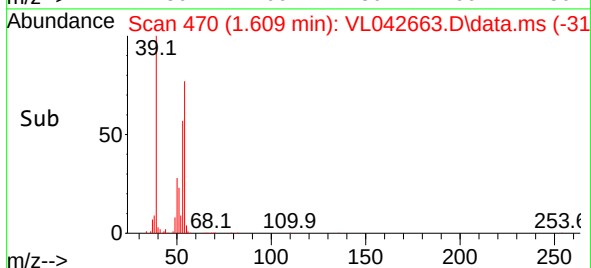
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

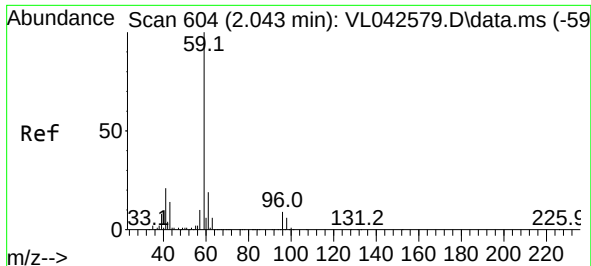


#16
1,3-Butadiene
Concen: 9.286 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41



Tgt Ion: 39 Resp: 57008
Ion Ratio Lower Upper
39 100
54 68.4 57.9 86.9





#17

tert-Butyl alcohol

Concen: 9.836 ppbv

RT: 2.039 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL042663.D

Acq: 23 Jun 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 132790

Ion Ratio Lower Upper

59 100

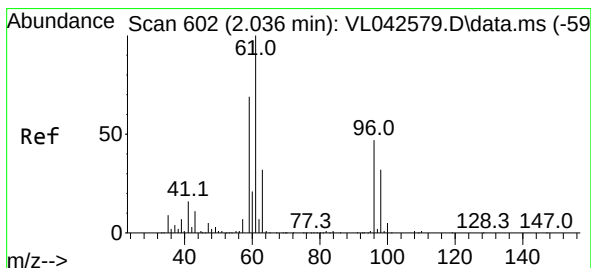
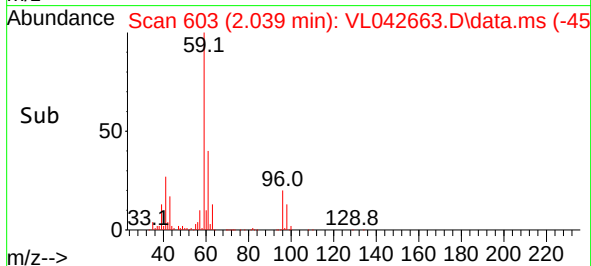
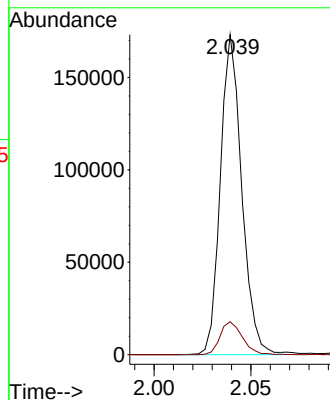
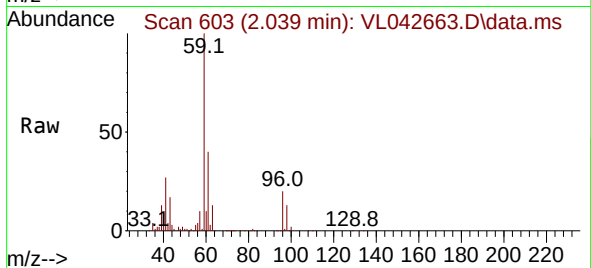
57 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025

Supervised By :Semsettin Yesilyurt 06/24/2025



#18

1,1-Dichloroethene

Concen: 10.544 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.000 min

Lab File: VL042663.D

Acq: 23 Jun 2025 08:41

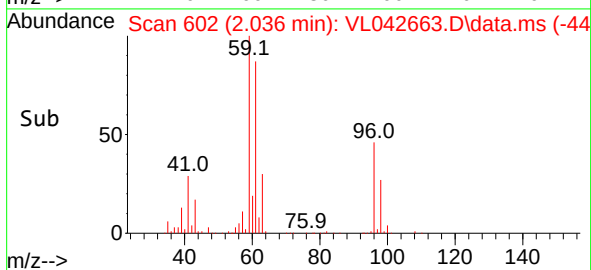
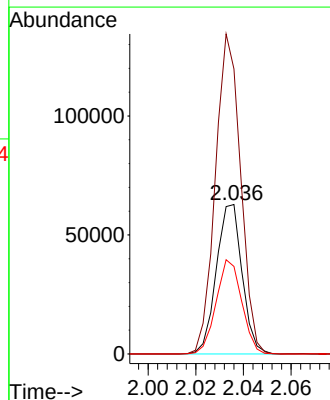
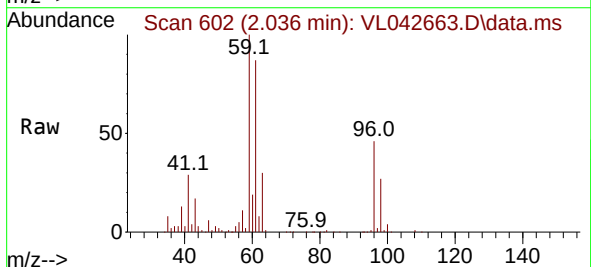
Tgt Ion: 96 Resp: 47216

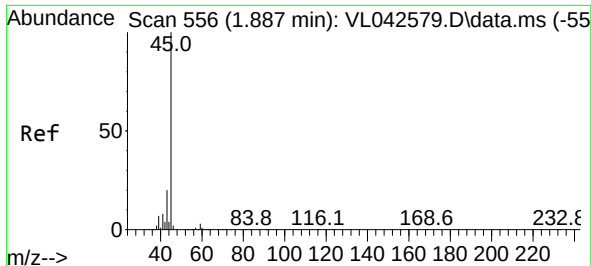
Ion Ratio Lower Upper

96 100

61 190.6 171.1 256.7

98 58.6 54.4 81.6





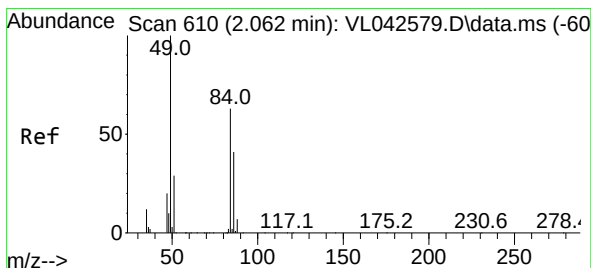
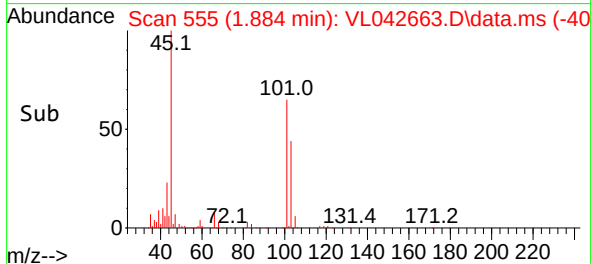
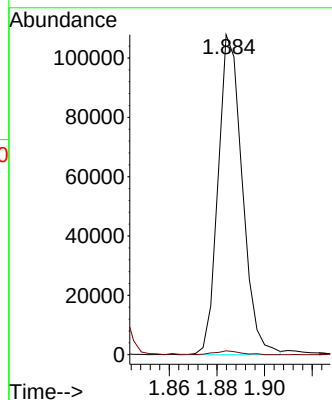
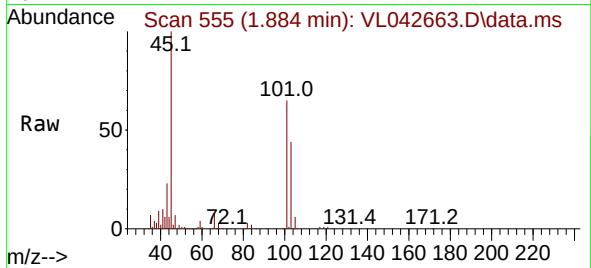
#19
Isopropyl Alcohol
Concen: 9.792 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 7586
Ion Ratio Lower Upper
45 100
58 40.7 29.4 44.2

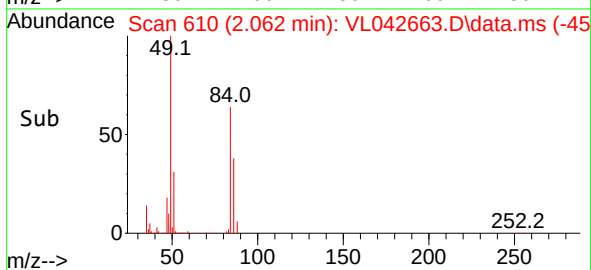
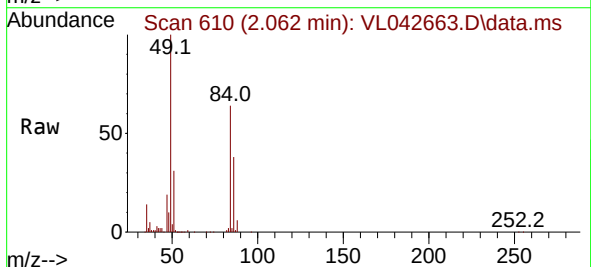
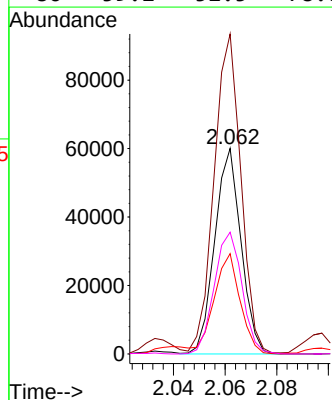
Manual Integrations
APPROVED

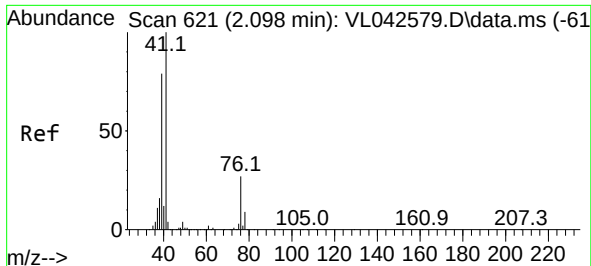
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#20
Methylene Chloride
Concen: 9.923 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Tgt Ion: 84 Resp: 42438
Ion Ratio Lower Upper
84 100
49 155.1 128.8 193.2
51 48.5 38.6 57.8
86 59.2 52.5 78.7





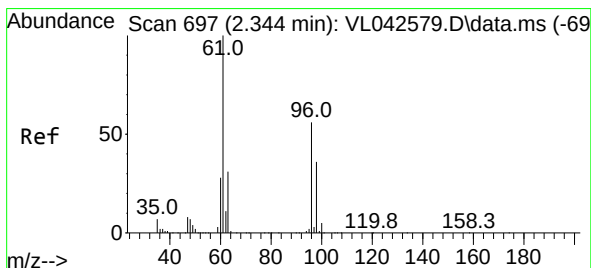
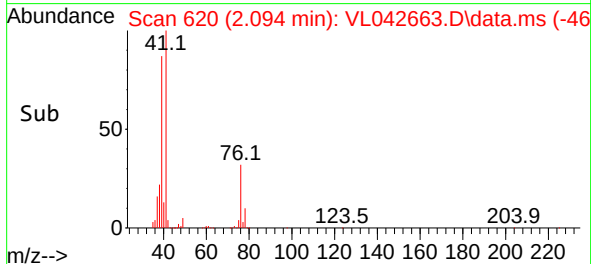
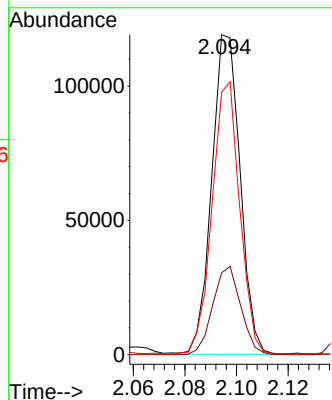
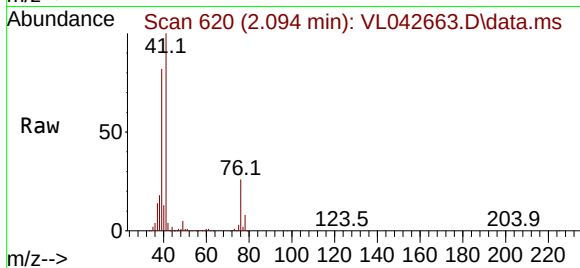
#21
 Allyl Chloride
 Concen: 9.932 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 90824
 Ion Ratio Lower Upper
 41 100
 76 27.2 21.2 31.8
 39 83.0 60.9 91.3

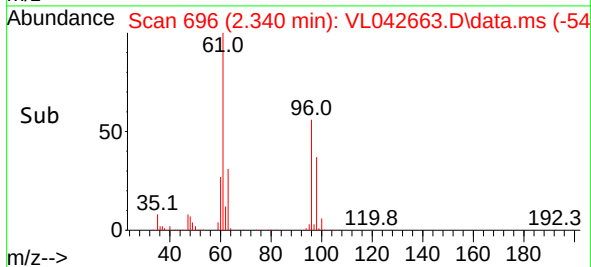
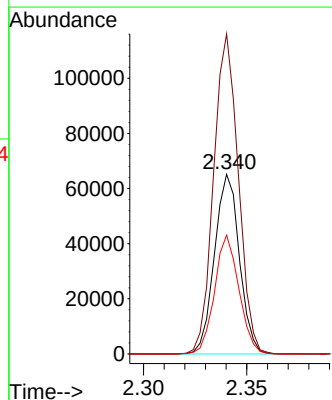
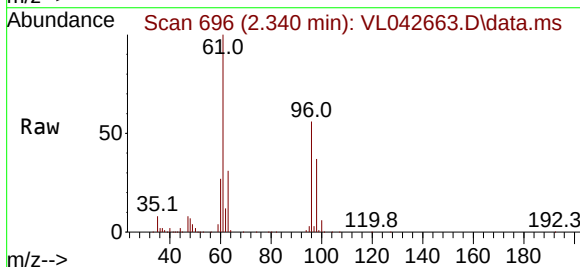
Manual Integrations
 APPROVED

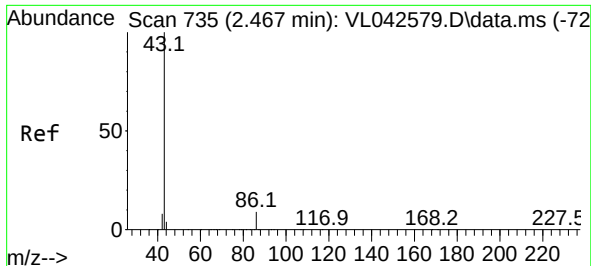
Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025



#22
 trans-1,2-Dichloroethene
 Concen: 10.924 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

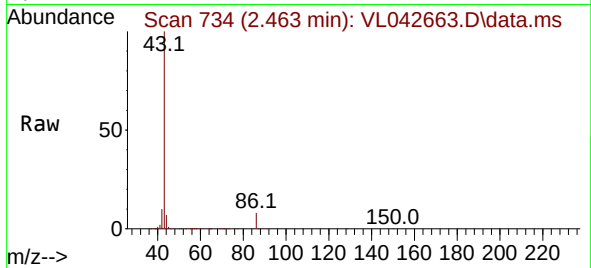
Tgt Ion: 96 Resp: 54642
 Ion Ratio Lower Upper
 96 100
 61 178.0 142.6 214.0
 98 66.1 51.0 76.4





#23
 Vinyl Acetate
 Concen: 11.732 ppbv
 RT: 2.463 min Scan# 711
 Delta R.T. -0.003 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

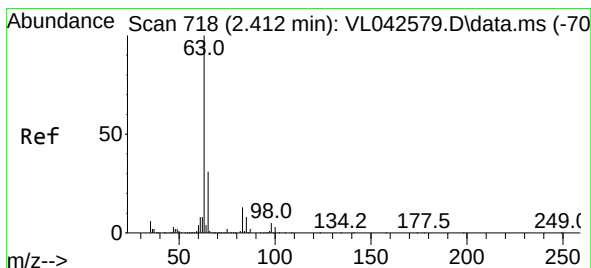
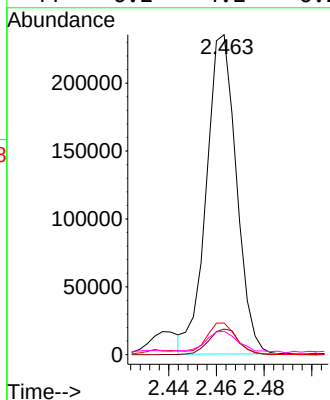
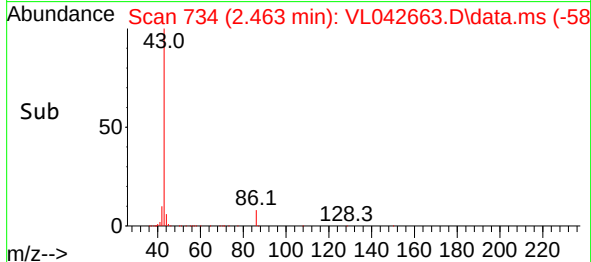
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 20553
 Ion Ratio Lower Upper
 43 100
 86 8.0 6.6 9.8
 42 9.8 7.0 10.4
 44 6.2 4.2 6.2

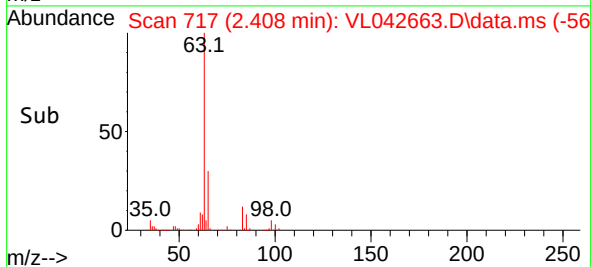
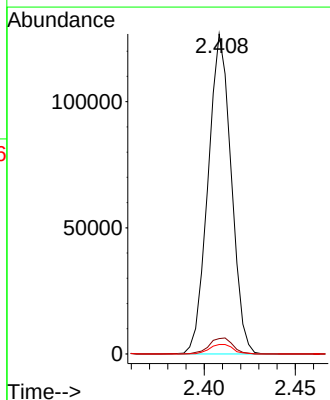
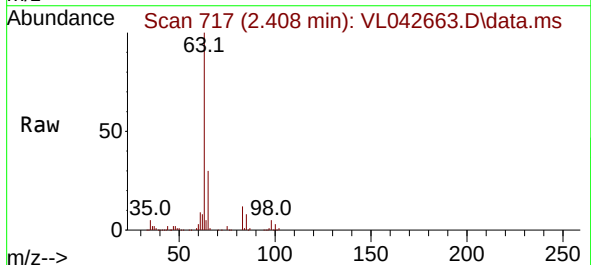
Manual Integrations
 APPROVED

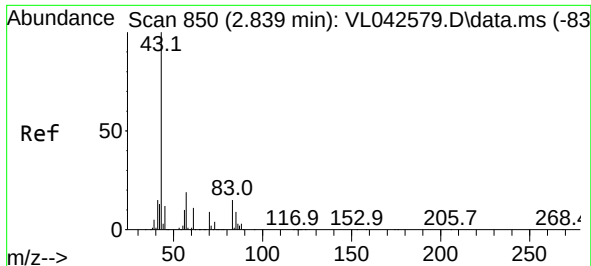
Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025



#24
 1,1-Dichloroethane
 Concen: 10.905 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

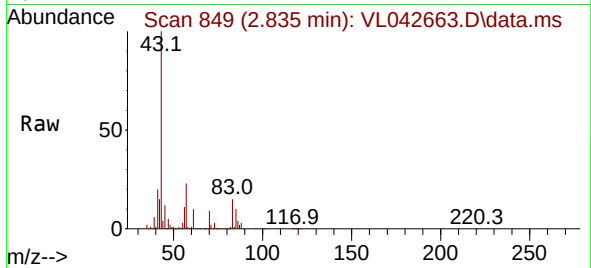
Tgt Ion: 63 Resp: 112237
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.4 7.1
 100 3.0 1.4 4.0





#25
Ethyl Acetate
Concen: 9.791 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

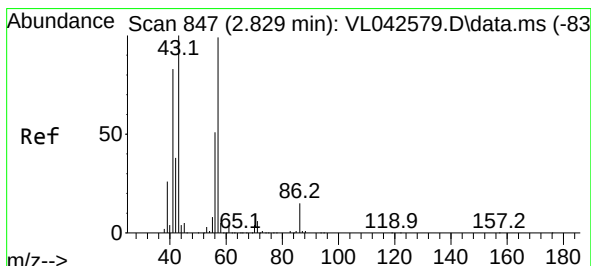
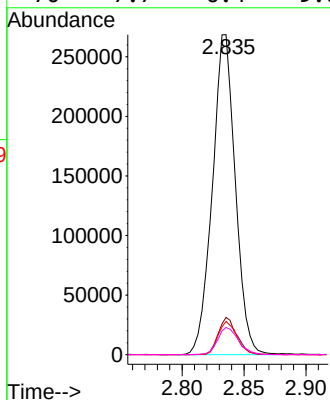
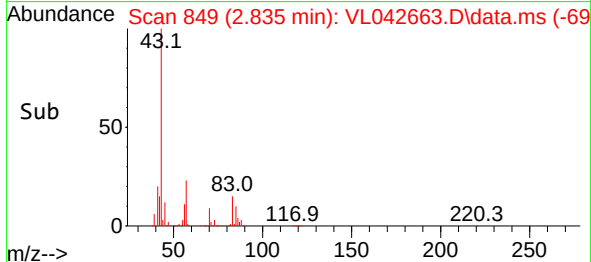
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 34726
Ion Ratio Lower Upper
43 100
45 9.5 8.2 12.2
61 8.6 7.1 10.7
70 7.7 6.4 9.6

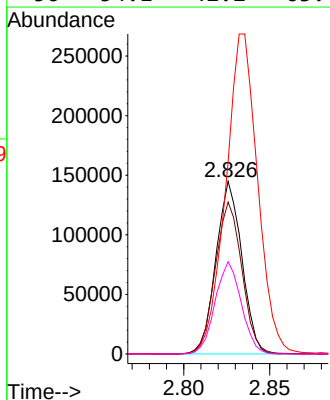
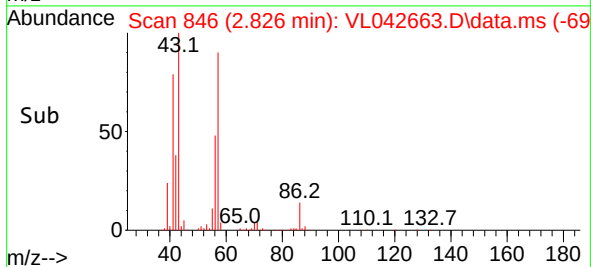
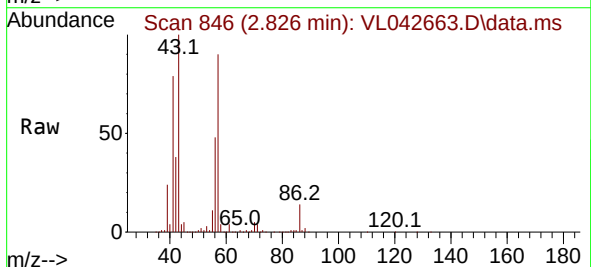
Manual Integrations
APPROVED

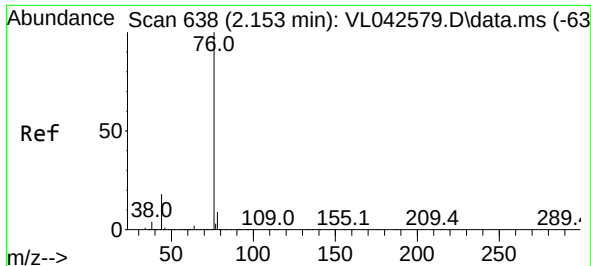
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#26
Hexane
Concen: 9.390 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

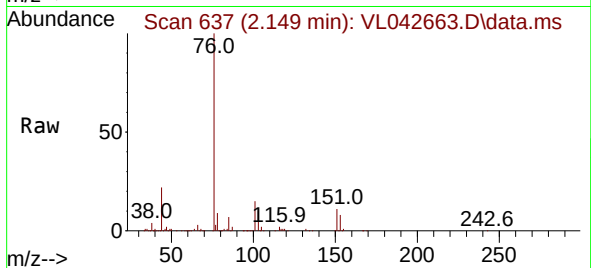
Tgt Ion: 57 Resp: 151330
Ion Ratio Lower Upper
57 100
41 91.4 70.6 106.0
43 230.5 181.1 271.7
56 54.1 42.2 63.4





#27
Carbon Disulfide
Concen: 11.013 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

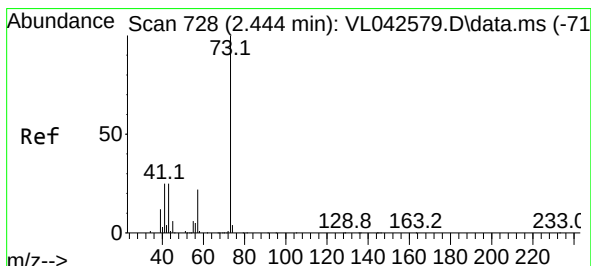
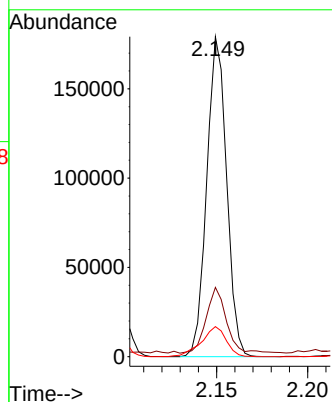
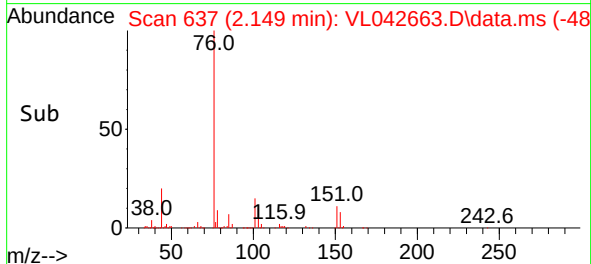
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 136250
Ion Ratio Lower Upper
76 100
44 23.5 21.3 31.9
78 11.7 9.4 14.0

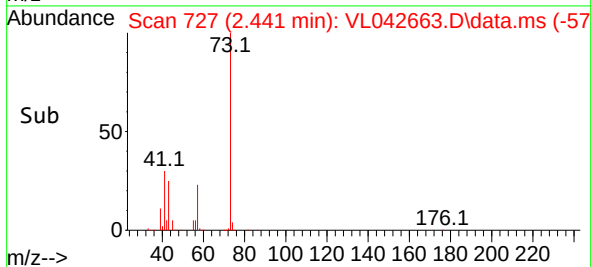
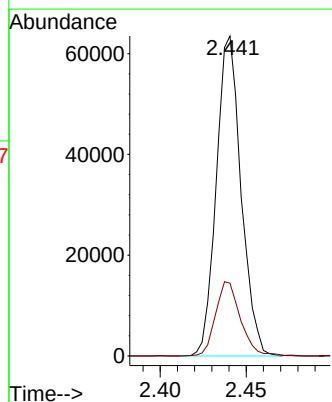
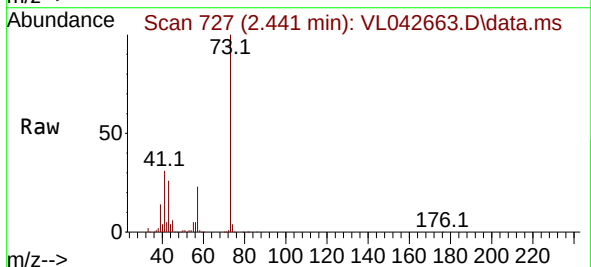
Manual Integrations
APPROVED

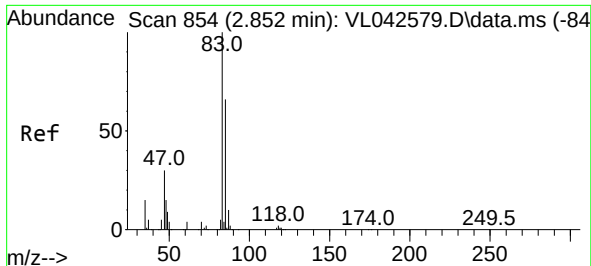
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#28
Methyl tert-Butyl Ether
Concen: 9.723 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Tgt Ion: 73 Resp: 63583
Ion Ratio Lower Upper
73 100
57 23.4 19.9 29.9





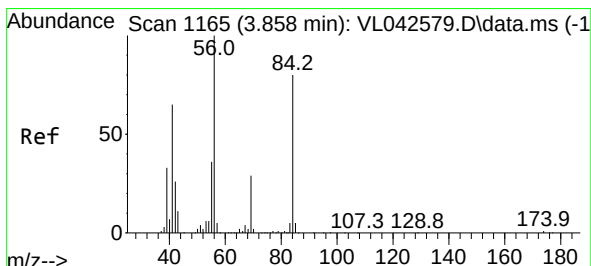
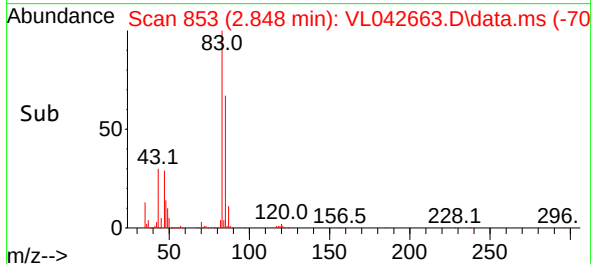
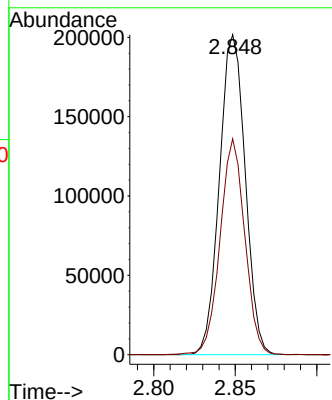
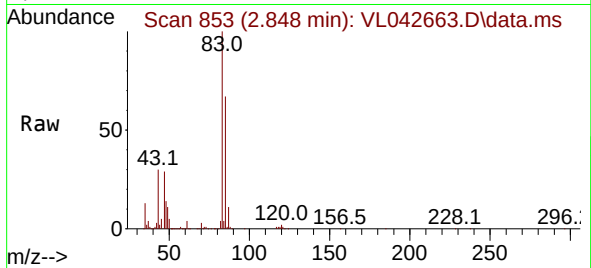
#29
Chloroform
Concen: 10.569 ppbv
RT: 2.848 min Scan# 853
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 221500
Ion Ratio Lower Upper
83 100
85 67.3 52.8 79.2

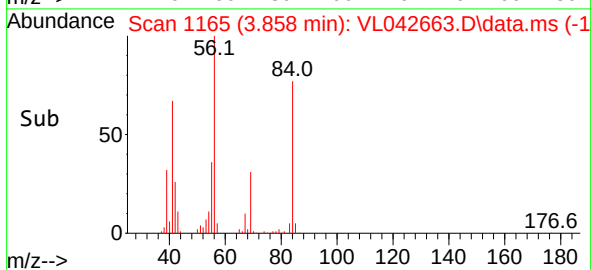
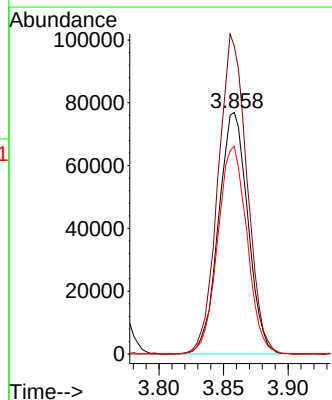
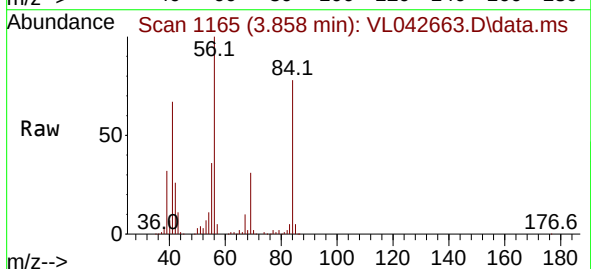
Manual Integrations
APPROVED

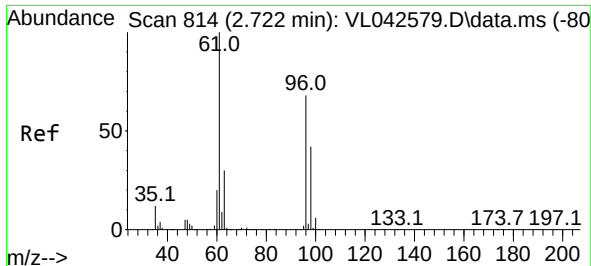
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#30
Cyclohexane
Concen: 9.094 ppbv
RT: 3.858 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

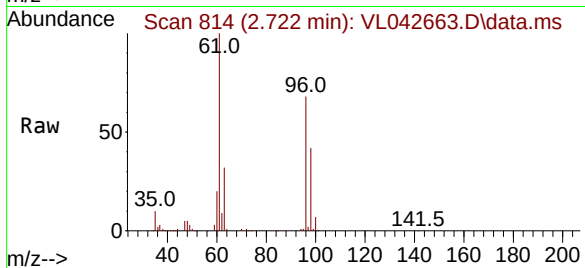
Tgt Ion: 84 Resp: 121505
Ion Ratio Lower Upper
84 100
56 129.8 103.7 155.5
41 85.7 65.1 97.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.918 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

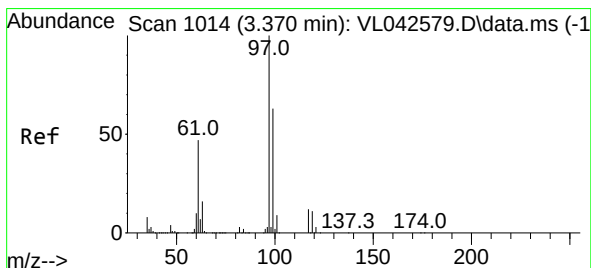
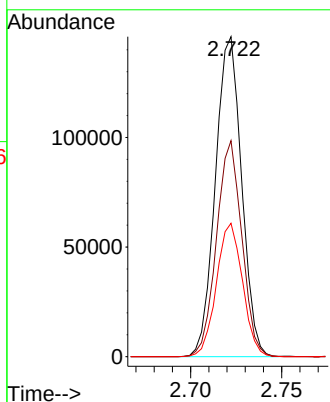
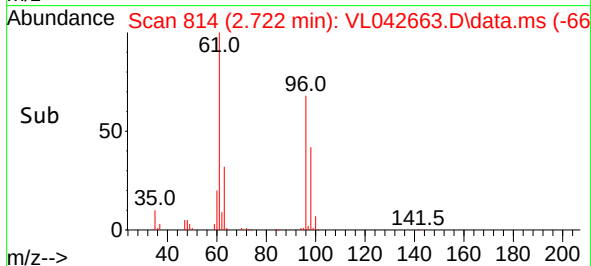
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



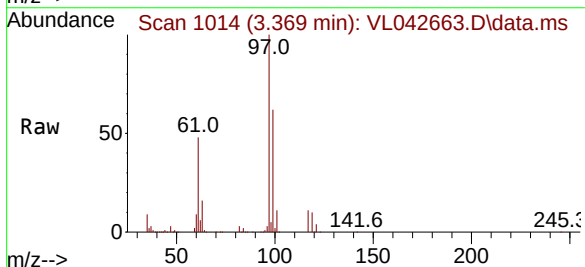
Tgt Ion: 61 Resp: 146208
 Ion Ratio Lower Upper
 61 100
 96 67.5 54.5 81.7
 98 41.7 33.4 50.2

Manual Integrations
 APPROVED

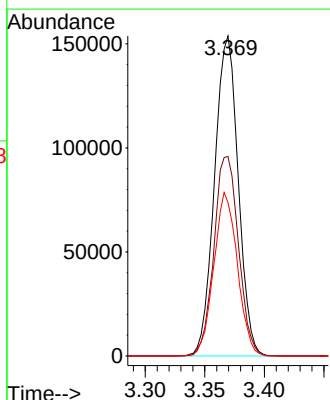
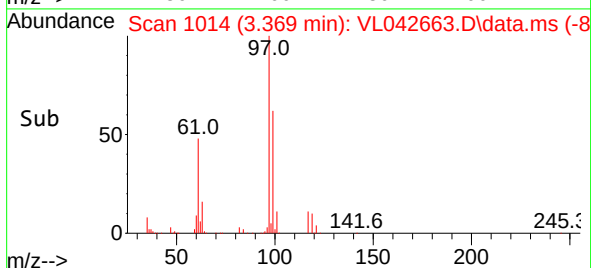
Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

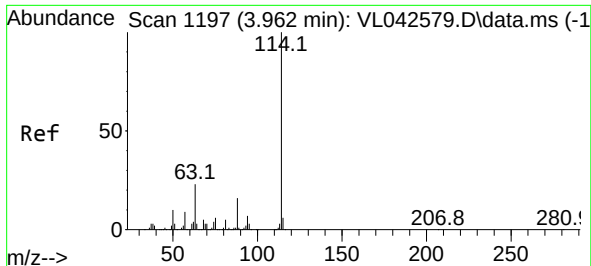


#32
 1,1,1-Trichloroethane
 Concen: 9.918 ppbv
 RT: 3.369 min Scan# 1014
 Delta R.T. -0.000 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41



Tgt Ion: 97 Resp: 212367
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.0 76.6
 61 51.0 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.003 min

Lab File: VL042663.D

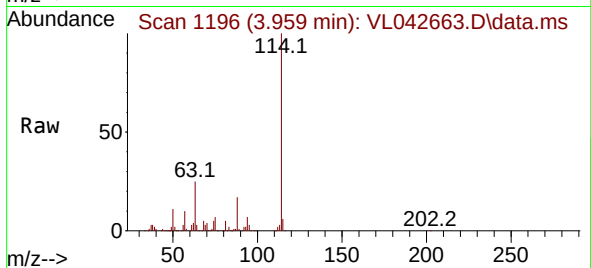
Acq: 23 Jun 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:114 Resp: 276339

Ion Ratio Lower Upper

114 100

63 26.0 19.0 28.6

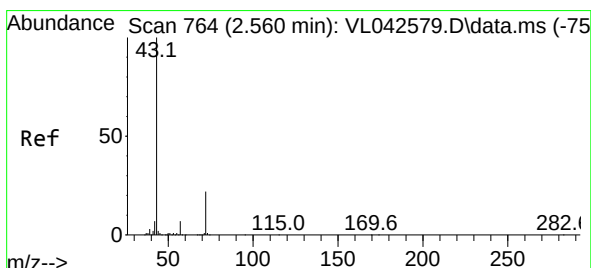
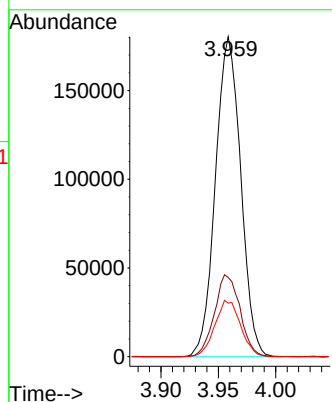
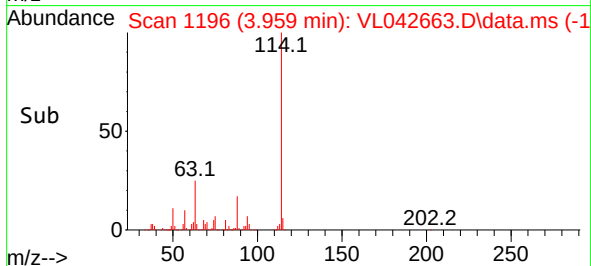
88 17.9 13.6 20.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025

Supervised By :Semsettin Yesilyurt 06/24/2025



#34

2-Butanone

Concen: 11.658 ppbv

RT: 2.557 min Scan# 763

Delta R.T. -0.003 min

Lab File: VL042663.D

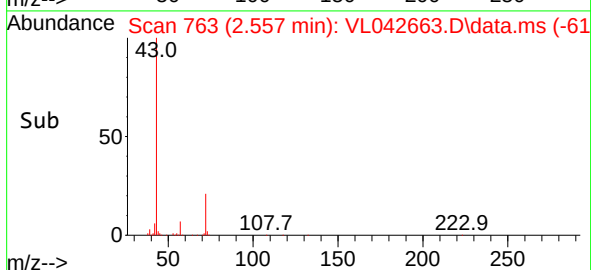
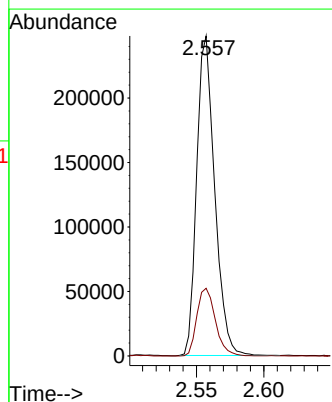
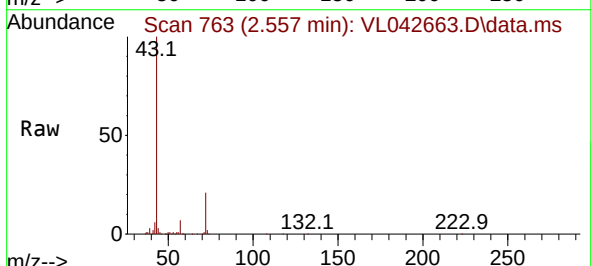
Acq: 23 Jun 2025 08:41

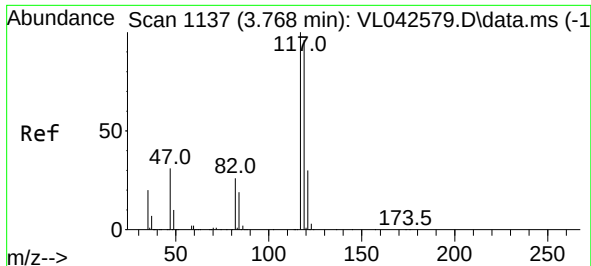
Tgt Ion: 43 Resp: 229755

Ion Ratio Lower Upper

43 100

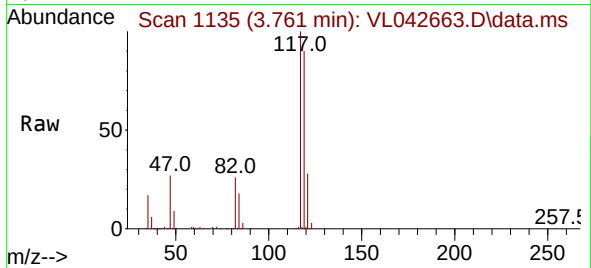
72 22.0 17.7 26.5





#35
Carbon Tetrachloride
Concen: 12.036 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.007 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

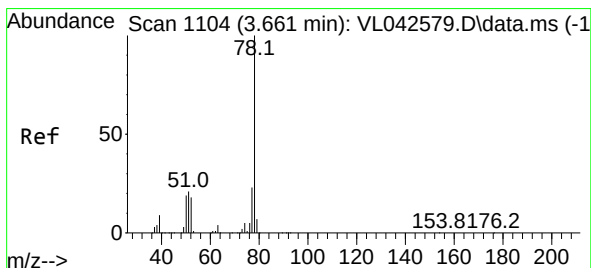
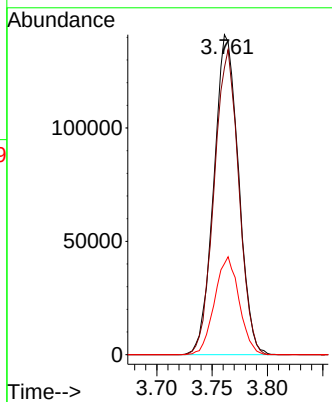
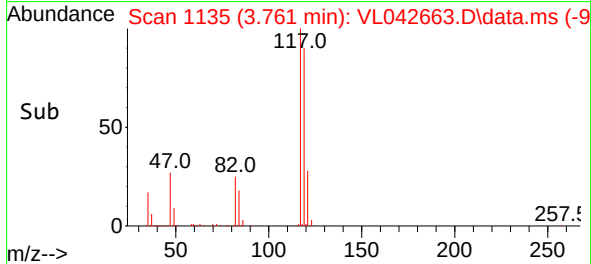
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 219549
Ion Ratio Lower Upper
117 100
119 89.7 76.8 115.2
121 28.5 24.3 36.5

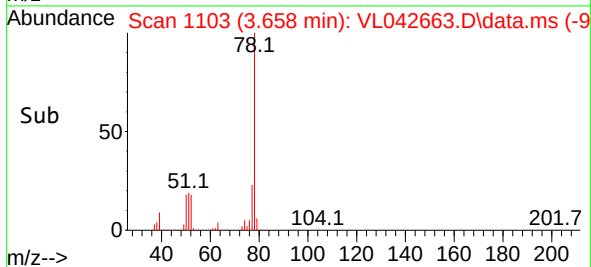
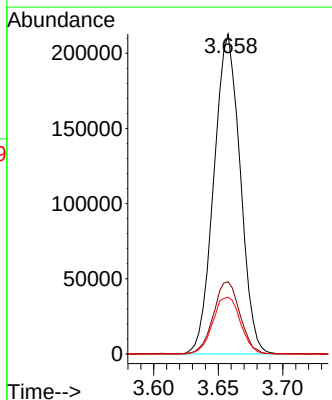
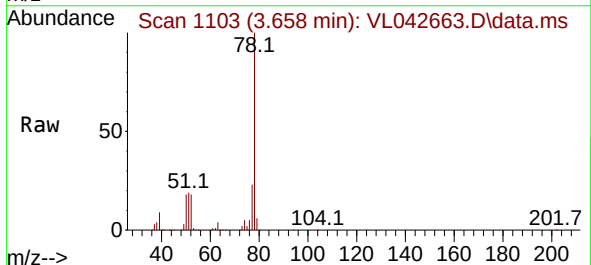
Manual Integrations
APPROVED

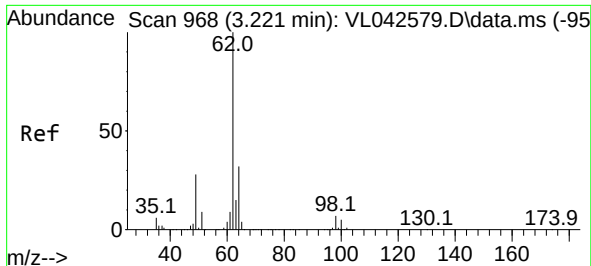
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#36
Benzene
Concen: 11.057 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

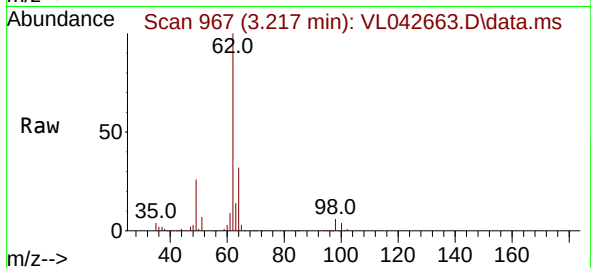
Tgt Ion: 78 Resp: 300886
Ion Ratio Lower Upper
78 100
77 22.5 18.2 27.2
50 17.7 15.2 22.8





#37
1,2-Dichloroethane
Concen: 12.321 ppbv
RT: 3.217 min Scan# 967
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

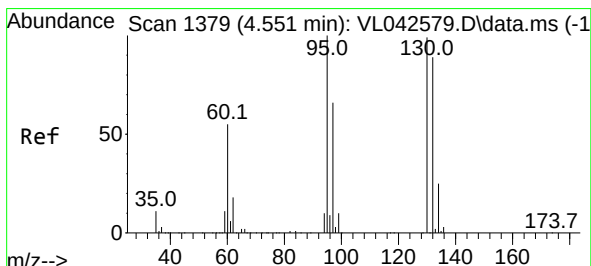
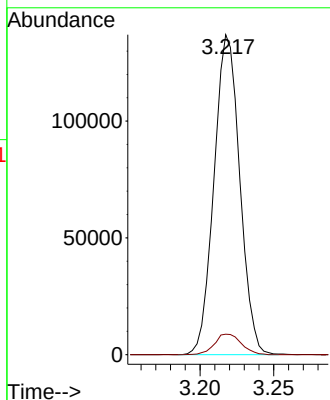
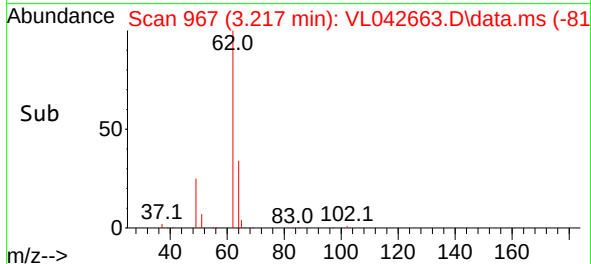
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 16664
Ion Ratio Lower Upper
62 100
98 6.7 6.1 9.1

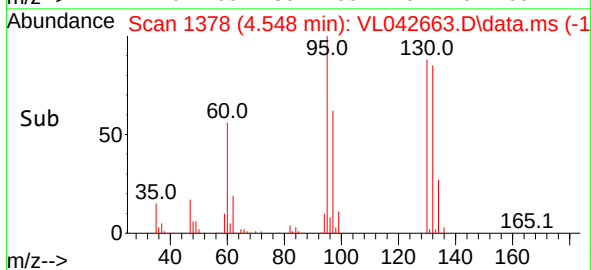
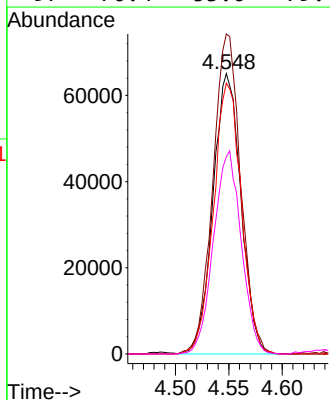
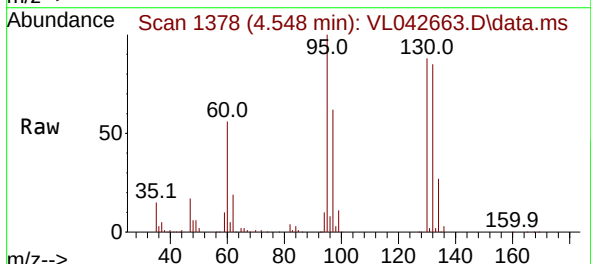
Manual Integrations
APPROVED

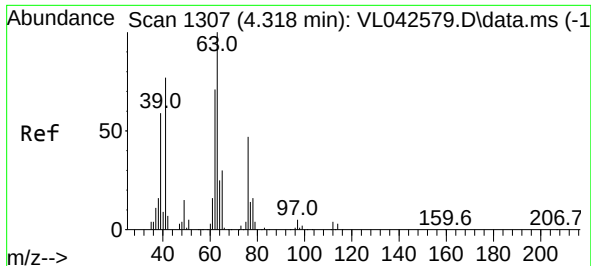
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#38
Trichloroethene
Concen: 10.248 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Tgt Ion:130 Resp: 118538
Ion Ratio Lower Upper
130 100
95 114.0 80.6 121.0
132 96.5 71.8 107.6
97 70.4 53.0 79.4





#39

1,2-Dichloropropane

Concen: 11.172 ppbv

RT: 4.311 min Scan# 112430

Delta R.T. -0.007 min

Lab File: VL042663.D

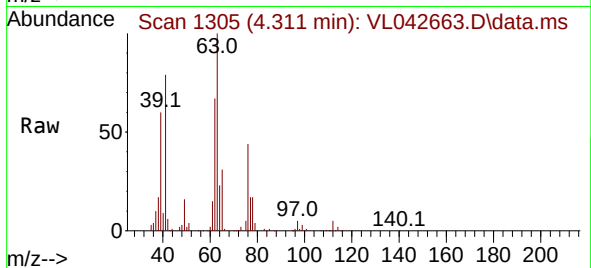
Acq: 23 Jun 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 63 Resp: 112430

Ion Ratio Lower Upper

63 100

41 79.1 61.8 92.6

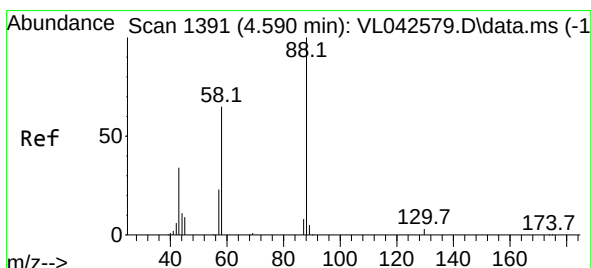
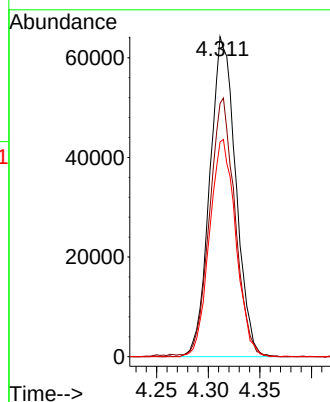
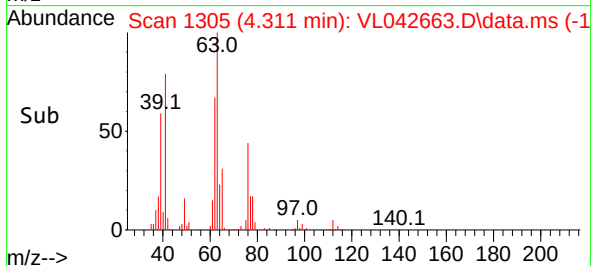
62 67.1 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025

Supervised By :Semsettin Yesilyurt 06/24/2025



#40

1,4-Dioxane

Concen: 10.981 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. -0.010 min

Lab File: VL042663.D

Acq: 23 Jun 2025 08:41

Tgt Ion: 88 Resp: 49446

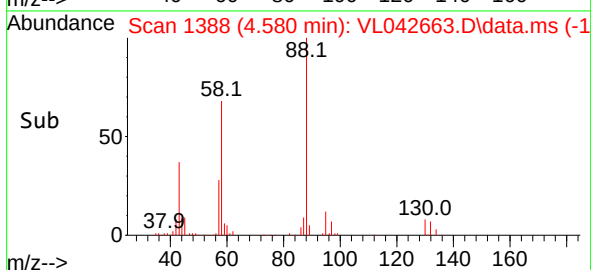
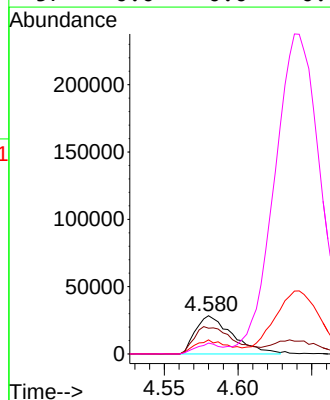
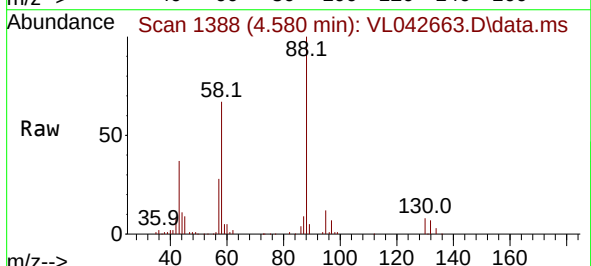
Ion Ratio Lower Upper

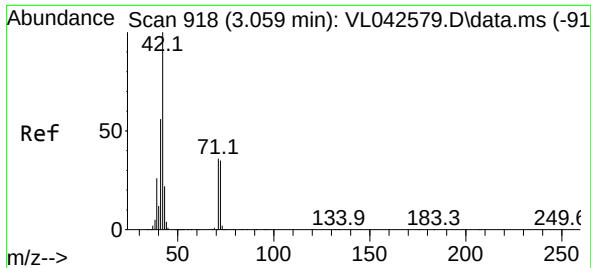
88 100

58 72.7 55.8 83.8

43 38.0 24.8 37.2#

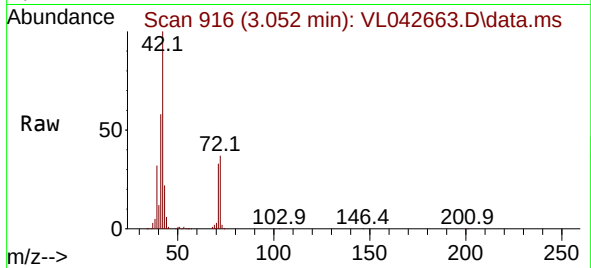
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.815 ppbv
RT: 3.052 min Scan# 916
Delta R.T. -0.007 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

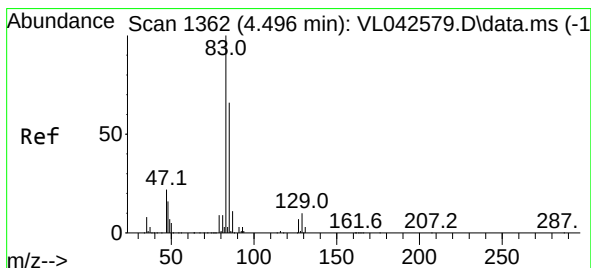
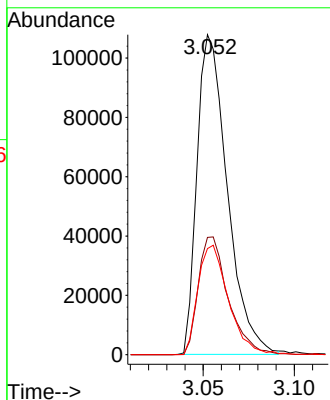
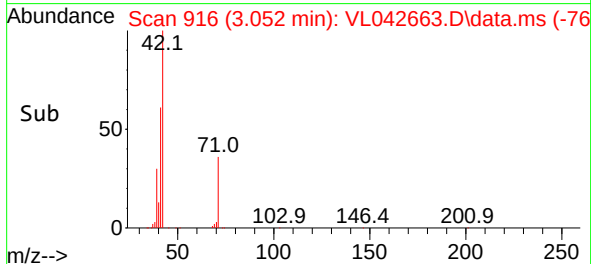
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



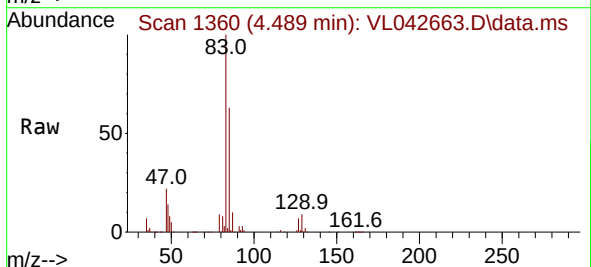
Tgt Ion: 42 Resp: 12476
Ion Ratio Lower Upper
42 100
72 36.6 28.9 43.3
71 34.7 28.5 42.7

Manual Integrations
APPROVED

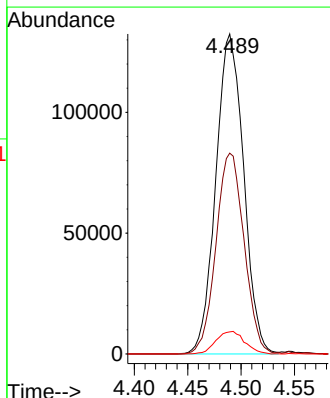
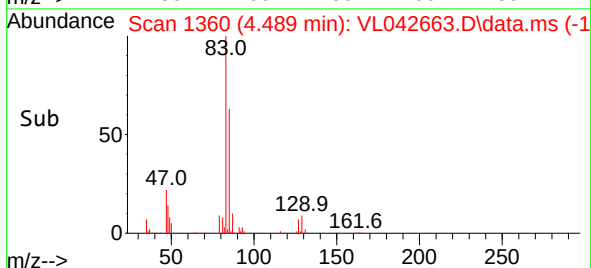
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

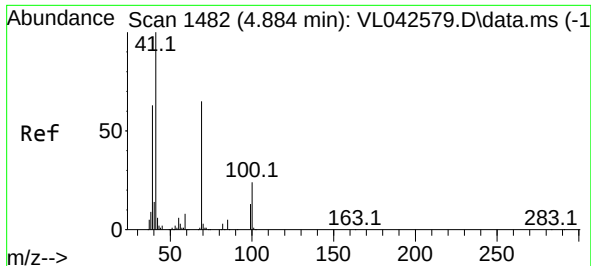


#42
Bromodichloromethane
Concen: 12.505 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. -0.007 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41



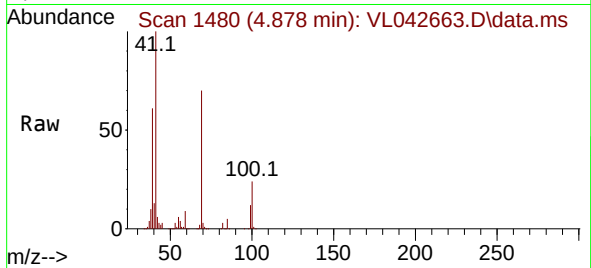
Tgt Ion: 83 Resp: 240200
Ion Ratio Lower Upper
83 100
85 62.7 52.7 79.1
127 6.9 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.425 ppbv
RT: 4.878 min Scan# 1406
Delta R.T. -0.007 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

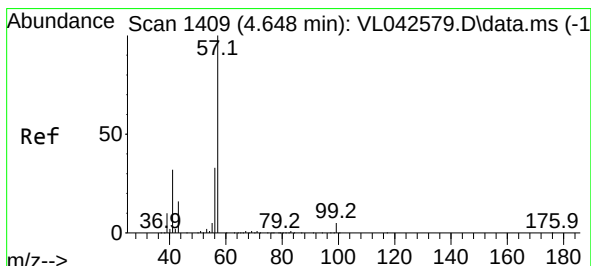
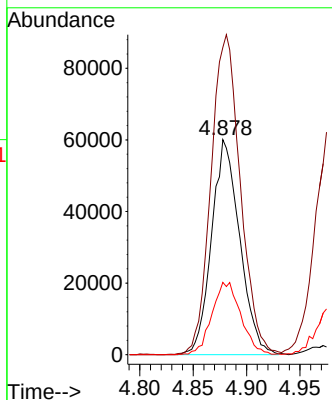
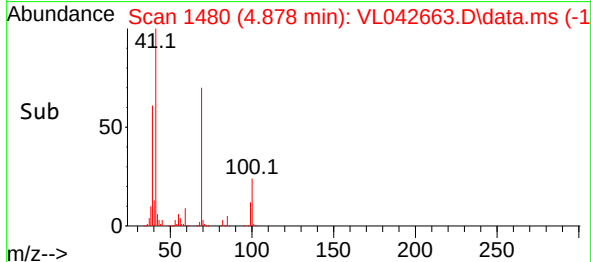
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



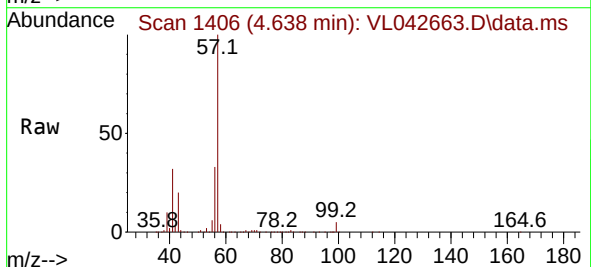
Tgt Ion: 69 Resp: 110110
Ion Ratio Lower Upper
69 100
41 155.5 124.6 187.0
100 34.8 29.9 44.9

Manual Integrations
APPROVED

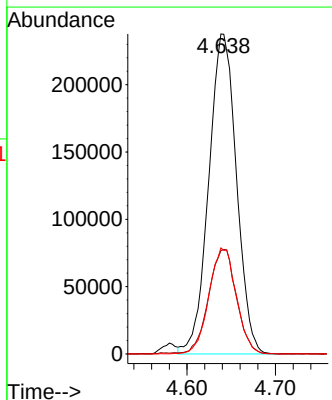
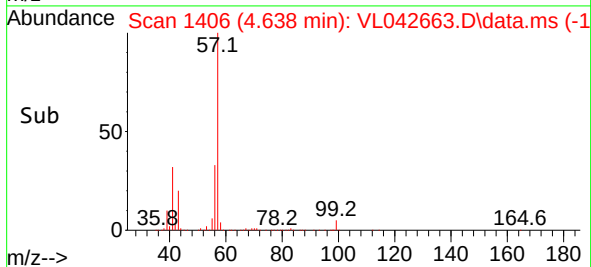
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

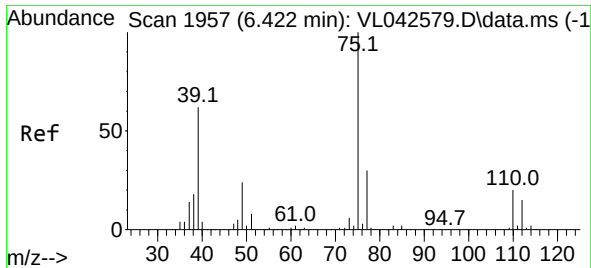


#44
2,2,4-Trimethylpentane
Concen: 11.123 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.010 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41



Tgt Ion: 57 Resp: 517756
Ion Ratio Lower Upper
57 100
41 33.1 26.1 39.1
56 32.6 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 10.547 ppbv

RT: 6.415 min Scan# 1955

Delta R.T. -0.007 min

Lab File: VL042663.D

Acq: 23 Jun 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 127460

Ion Ratio Lower Upper

75 100

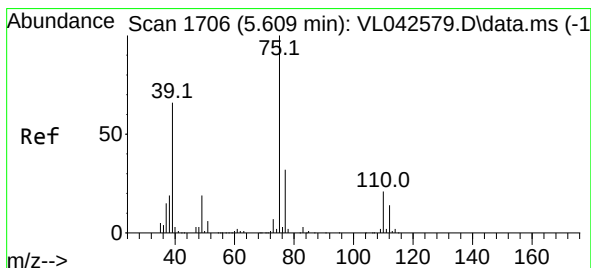
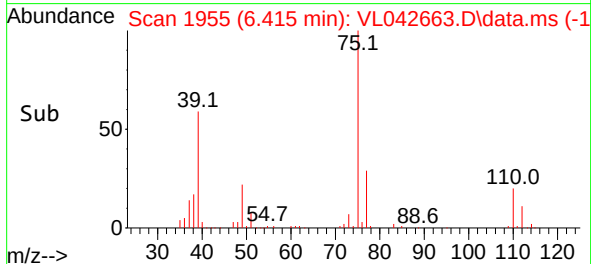
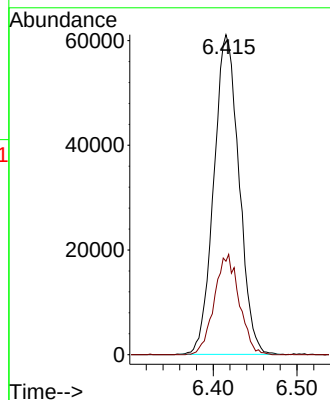
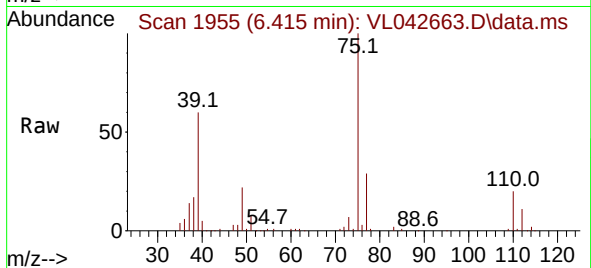
77 29.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025

Supervised By :Semsettin Yesilyurt 06/24/2025



#46

cis-1,3-Dichloropropene

Concen: 10.896 ppbv

RT: 5.600 min Scan# 1703

Delta R.T. -0.010 min

Lab File: VL042663.D

Acq: 23 Jun 2025 08:41

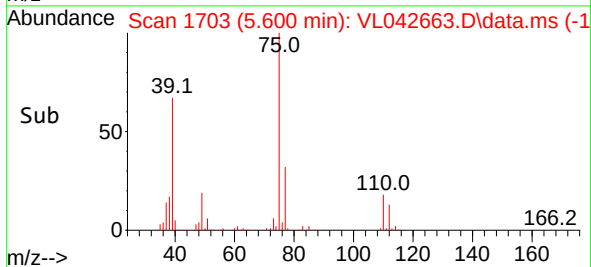
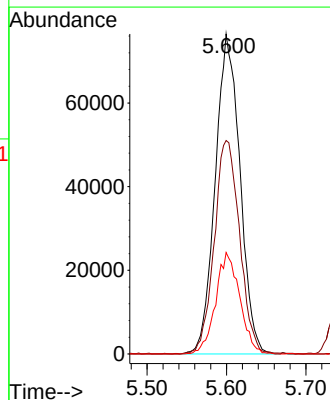
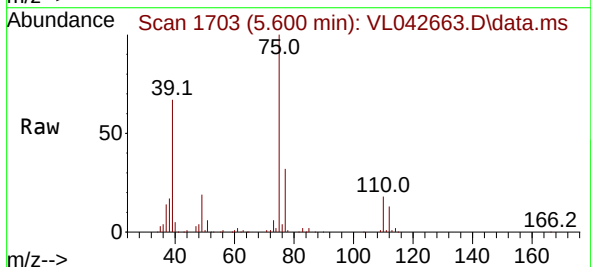
Tgt Ion: 75 Resp: 165013

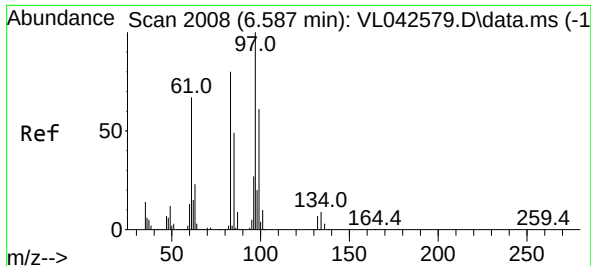
Ion Ratio Lower Upper

75 100

39 66.7 52.7 79.1

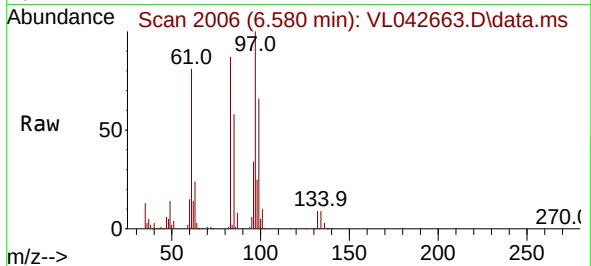
77 31.7 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 11.181 ppbv
RT: 6.580 min Scan# 2006
Delta R.T. -0.007 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

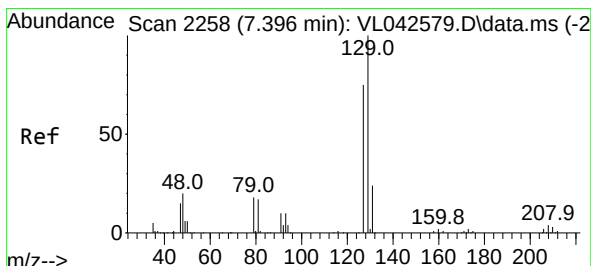
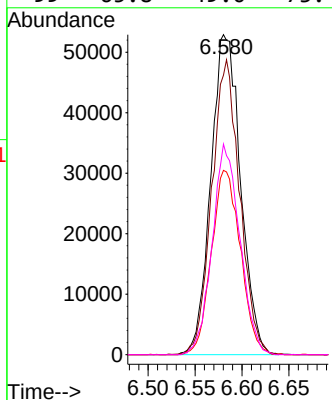
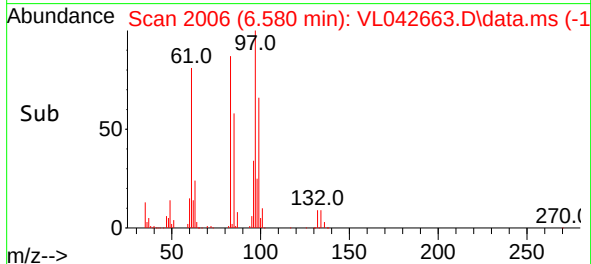
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 11647
Ion Ratio Lower Upper
97 100
83 87.4 63.9 95.9
85 57.6 39.2 58.8
99 65.8 49.0 73.4

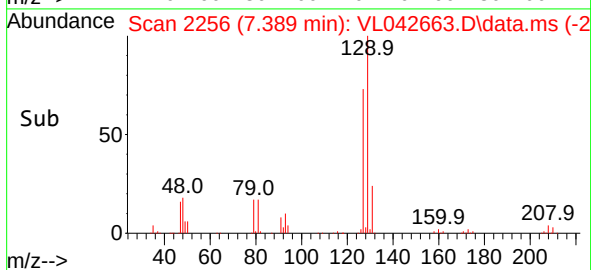
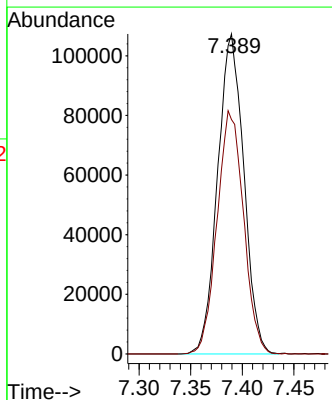
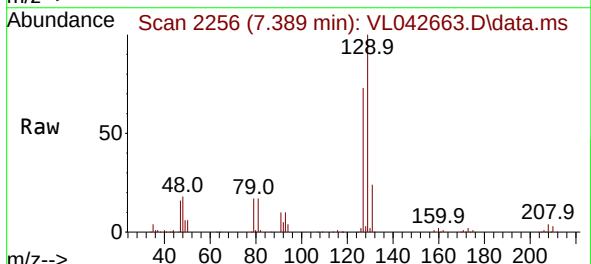
Manual Integrations
APPROVED

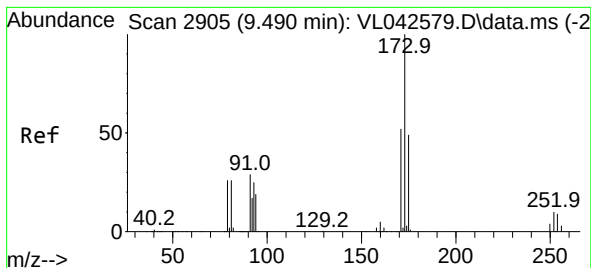
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#48
Dibromochloromethane
Concen: 11.341 ppbv
RT: 7.389 min Scan# 2256
Delta R.T. -0.007 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Tgt Ion:129 Resp: 189132
Ion Ratio Lower Upper
129 100
127 76.9 39.0 116.9





#49

Bromoform

Concen: 11.238 ppbv

RT: 9.483 min Scan# 2905

Delta R.T. -0.007 min

Lab File: VL042663.D

Acq: 23 Jun 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 16170

Ion Ratio Lower Upper

173 100

175 48.8 38.7 58.1

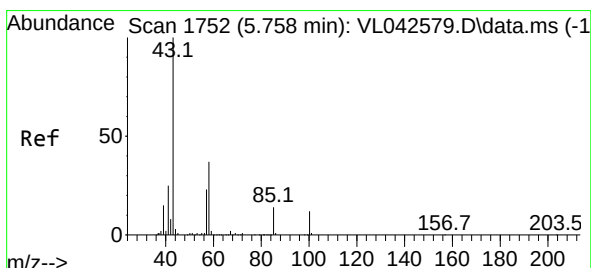
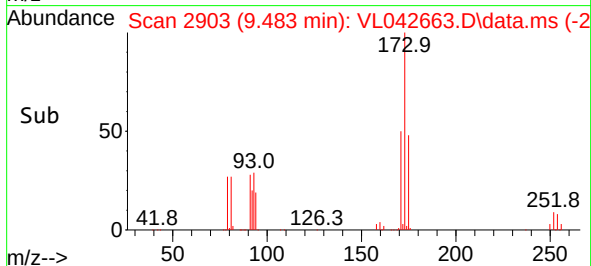
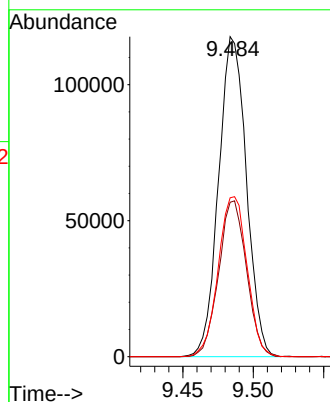
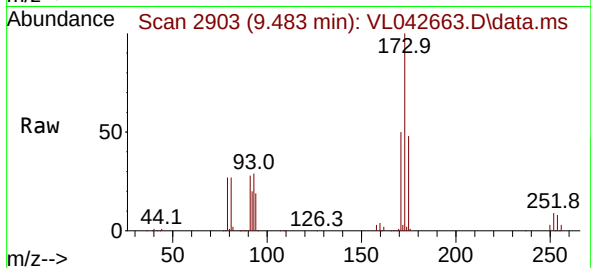
171 51.9 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025

Supervised By :Semsettin Yesilyurt 06/24/2025



#50

4-Methyl-2-Pentanone

Concen: 11.000 ppbv

RT: 5.752 min Scan# 1750

Delta R.T. -0.007 min

Lab File: VL042663.D

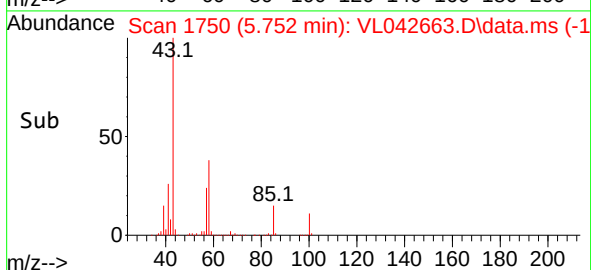
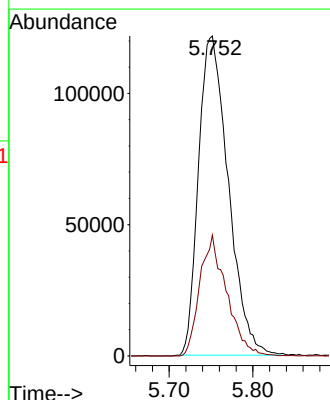
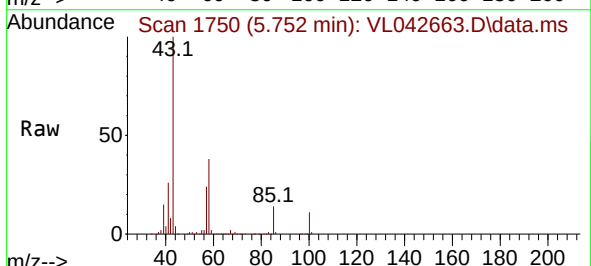
Acq: 23 Jun 2025 08:41

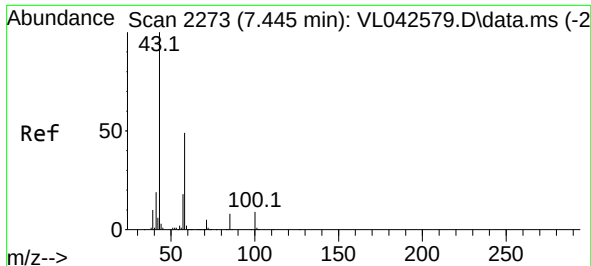
Tgt Ion: 43 Resp: 300666

Ion Ratio Lower Upper

43 100

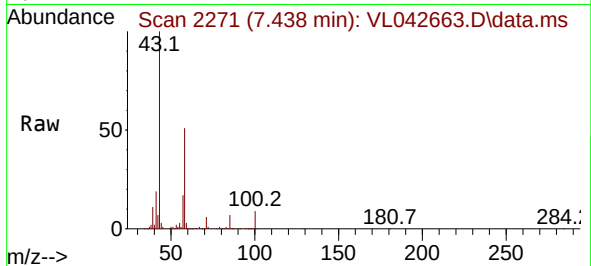
58 34.2 28.3 42.5





#51
2-Hexanone
Concen: 10.967 ppbv
RT: 7.438 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

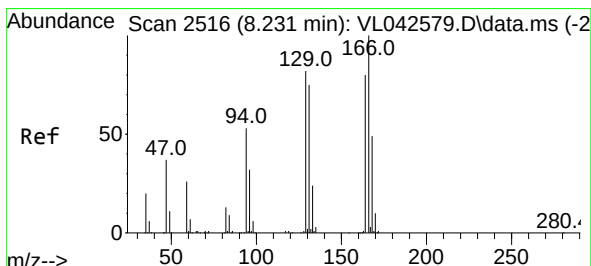
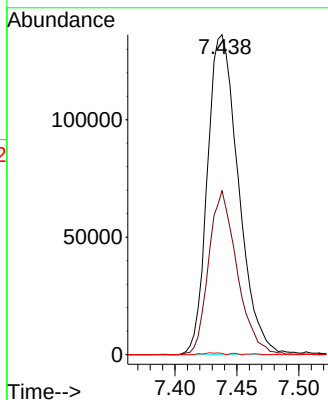
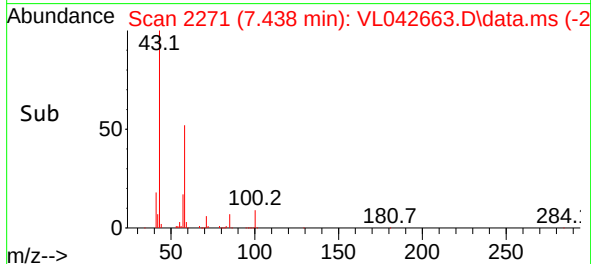
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 237754
Ion Ratio Lower Upper
43 100
58 47.1 39.9 59.9
98 0.4 0.1 0.1

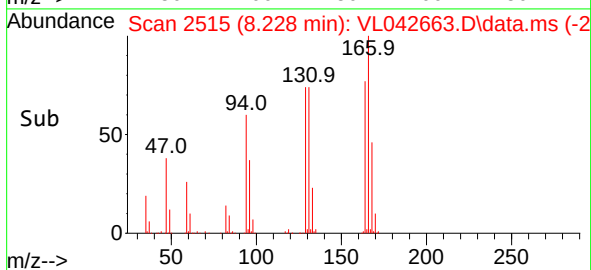
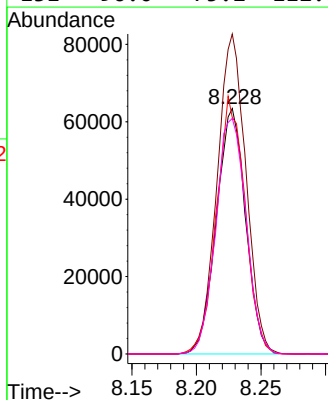
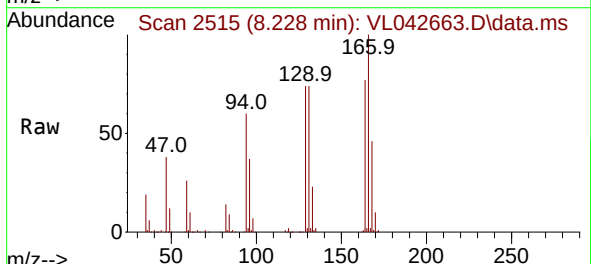
Manual Integrations
APPROVED

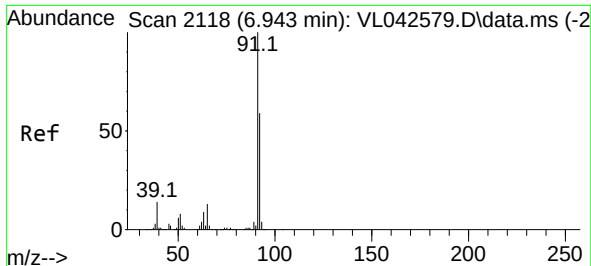
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#52
Tetrachloroethene
Concen: 9.787 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

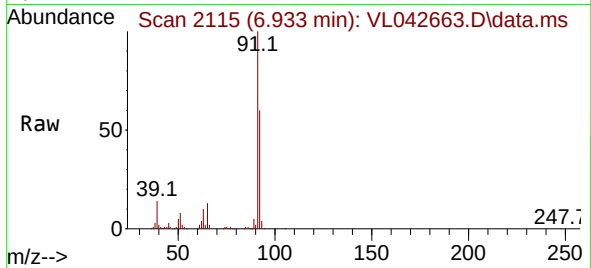
Tgt Ion:164 Resp: 99515
Ion Ratio Lower Upper
164 100
166 130.4 100.0 150.0
129 96.3 82.2 123.4
131 96.0 75.2 112.8





#53
Toluene
Concen: 10.402 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.010 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

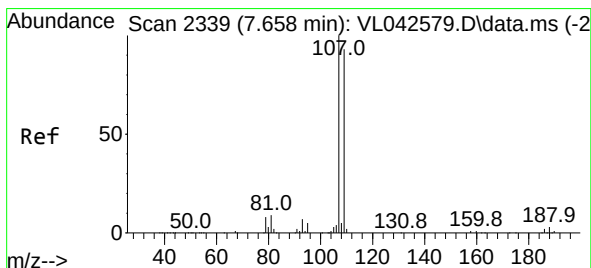
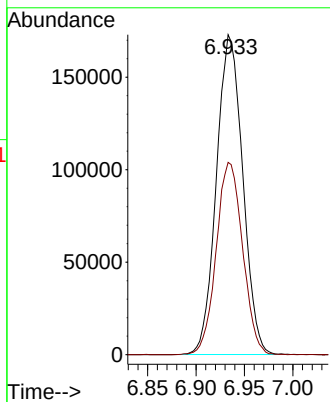
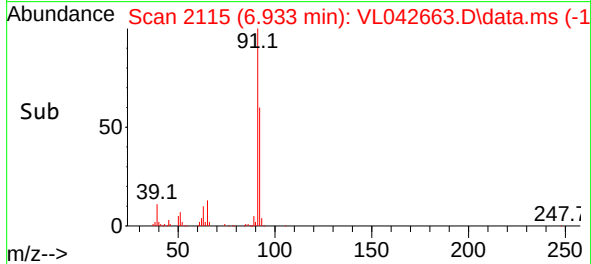
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



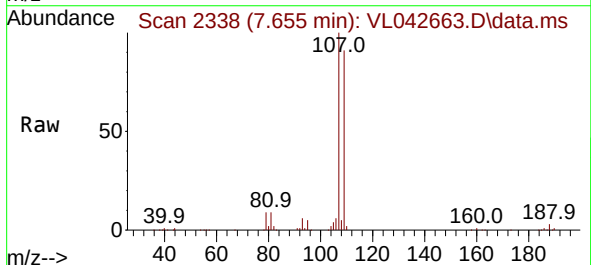
Tgt Ion: 91 Resp: 327154
Ion Ratio Lower Upper
91 100
92 60.4 48.2 72.4

Manual Integrations
APPROVED

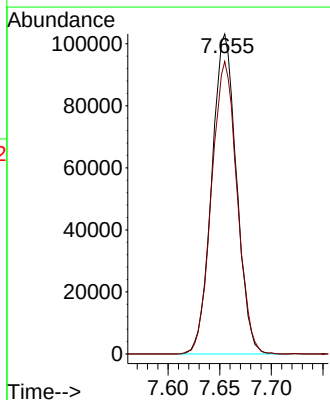
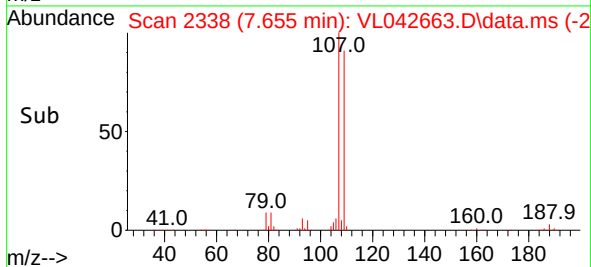
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

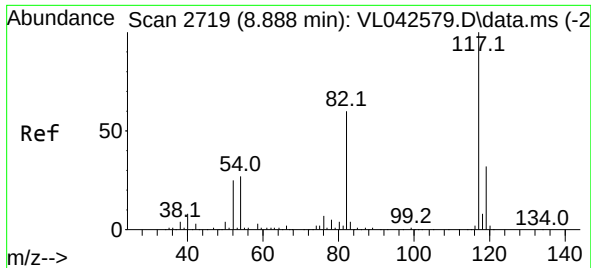


#54
1,2-Dibromoethane
Concen: 11.127 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41



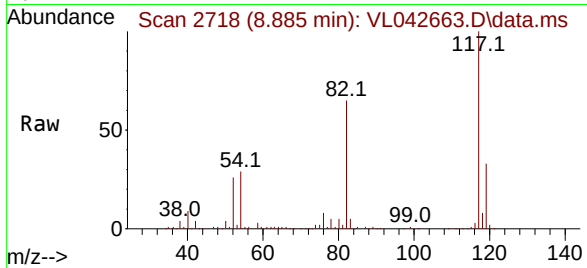
Tgt Ion:107 Resp: 171564
Ion Ratio Lower Upper
107 100
109 91.4 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2719
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

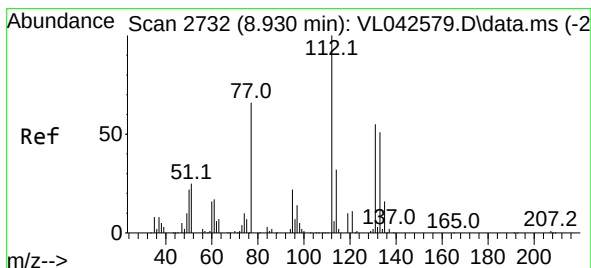
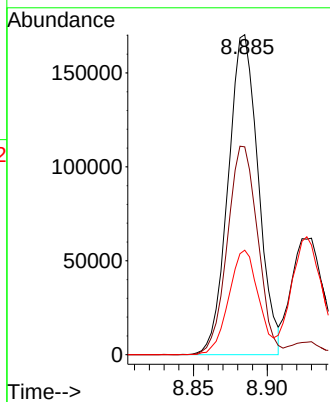
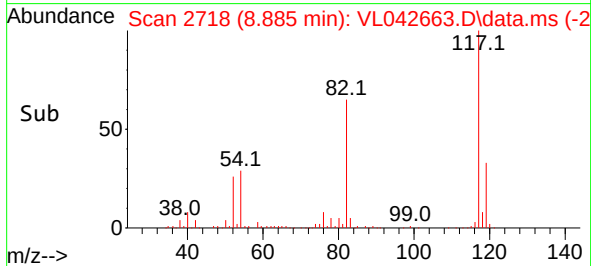
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 242640
Ion Ratio Lower Upper
117 100
82 69.8 51.2 76.8
119 32.3 26.3 39.5

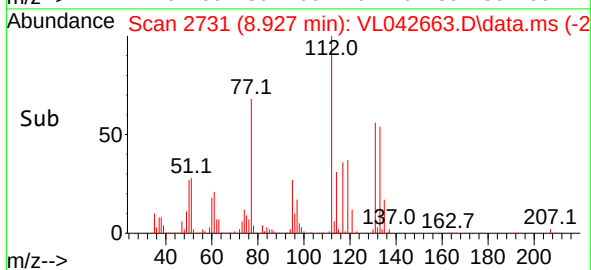
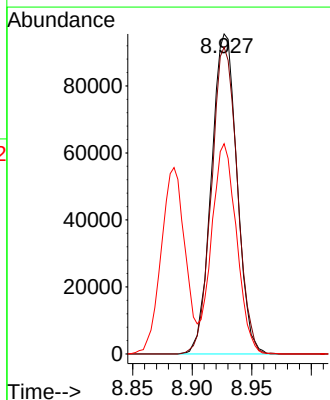
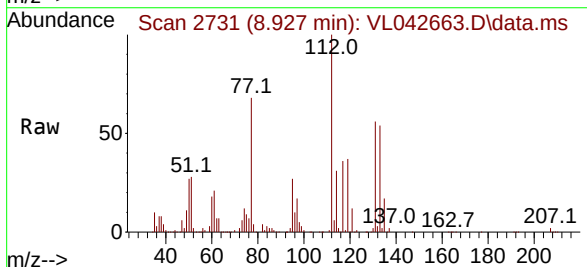
Manual Integrations
APPROVED

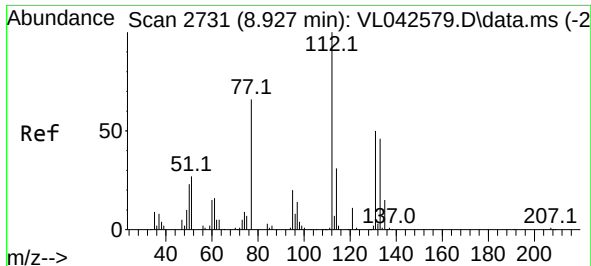
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 11.690 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

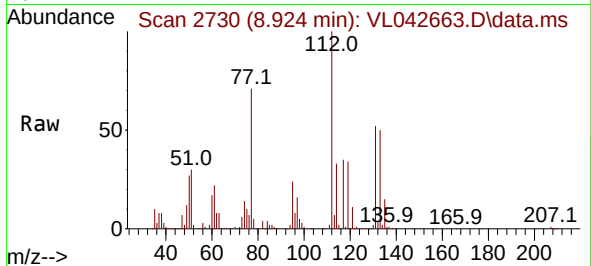
Tgt Ion:131 Resp: 142626
Ion Ratio Lower Upper
131 100
133 96.4 75.0 112.6
119 64.0 50.8 76.2





#57
Chlorobenzene
Concen: 11.004 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

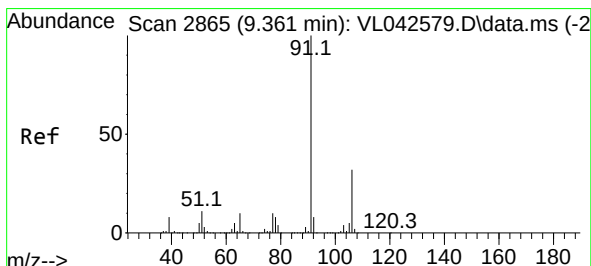
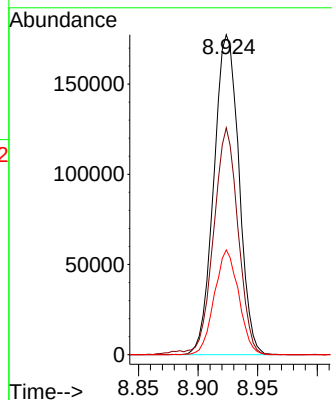
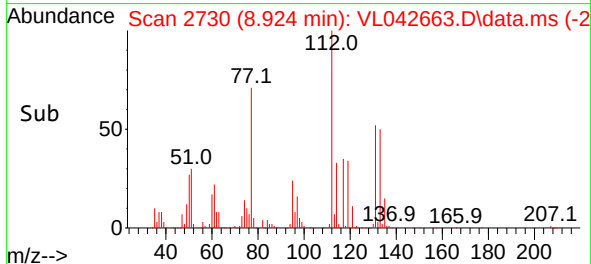
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 259252
Ion Ratio Lower Upper
112 100
77 70.8 53.5 80.3
114 32.8 27.8 34.0

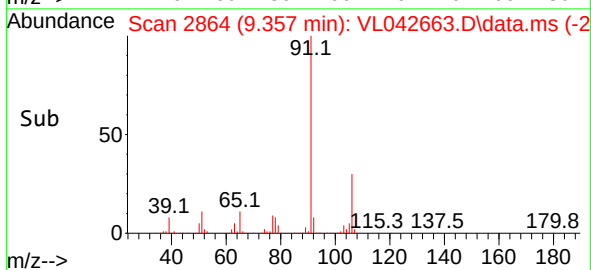
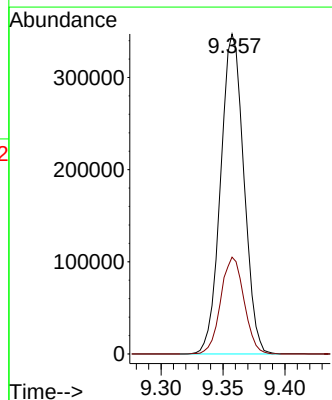
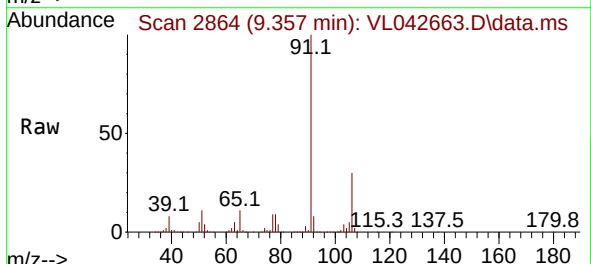
Manual Integrations
APPROVED

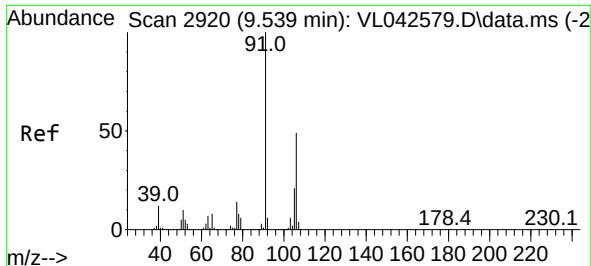
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#58
Ethyl Benzene
Concen: 11.036 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Tgt Ion: 91 Resp: 454212
Ion Ratio Lower Upper
91 100
106 30.3 25.9 38.9





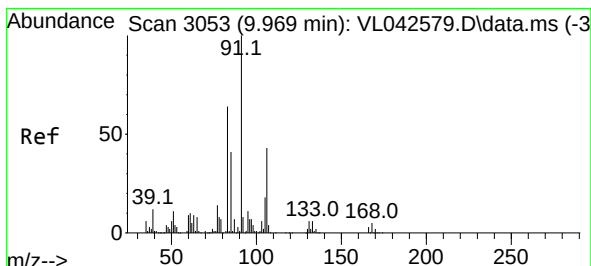
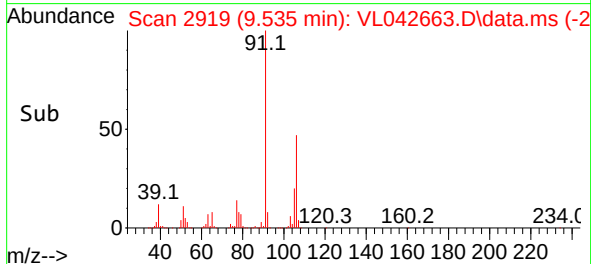
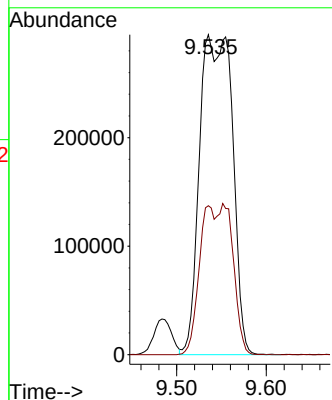
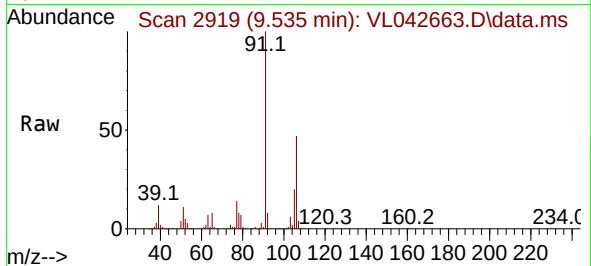
#59
m/p-Xylene
Concen: 23.146 ppbv m
RT: 9.535 min Scan# 2919
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 74968
Ion Ratio Lower Upper
91 100
106 0.0 38.8 58.2

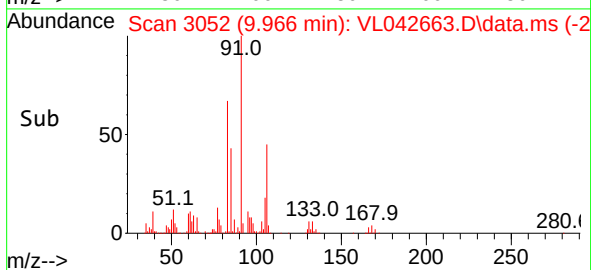
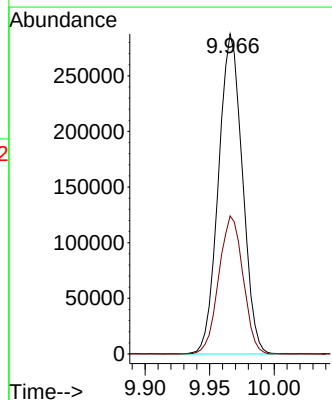
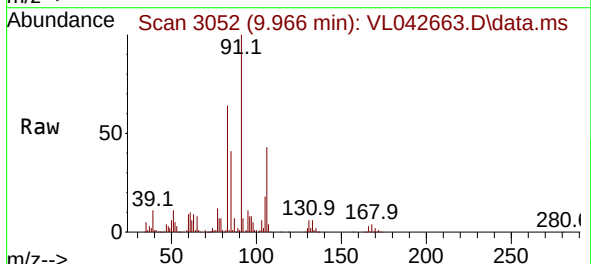
Manual Integrations
APPROVED

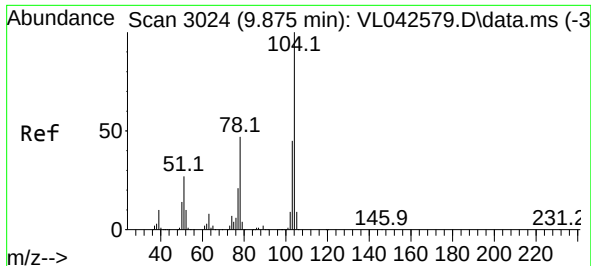
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#60
o-Xylene
Concen: 11.457 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

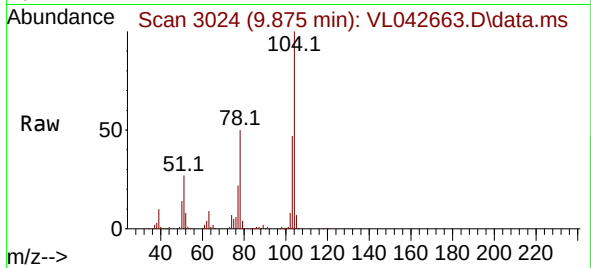
Tgt Ion: 91 Resp: 370094
Ion Ratio Lower Upper
91 100
106 43.7 22.9 68.5





#61
Styrene
Concen: 10.427 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

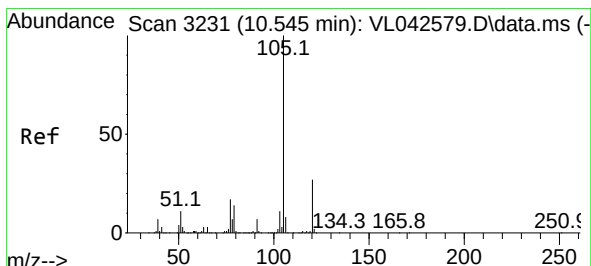
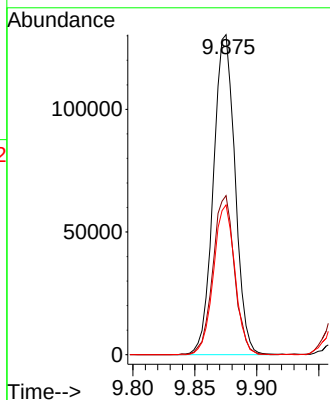
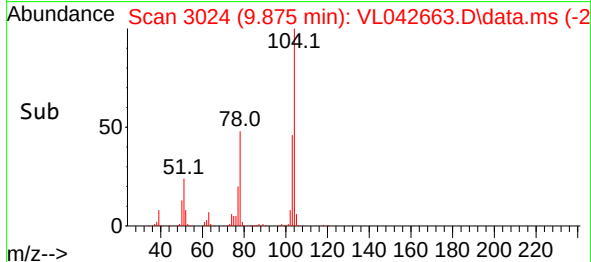
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



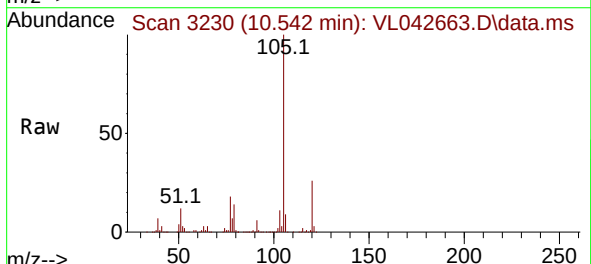
Tgt Ion:104 Resp: 15926
Ion Ratio Lower Upper
104 100
78 49.6 38.2 57.4
103 46.4 36.7 55.1

Manual Integrations
APPROVED

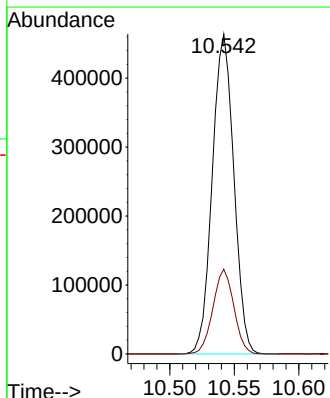
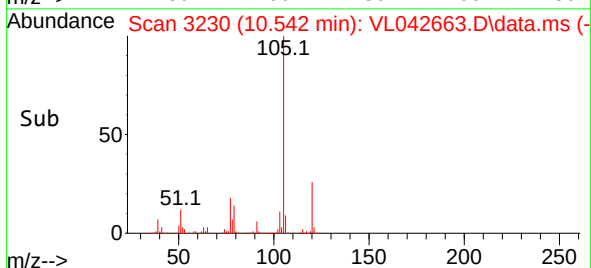
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

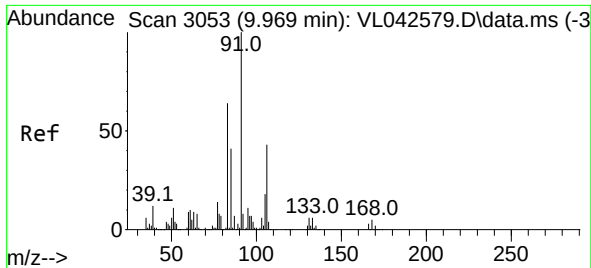


#62
Isopropylbenzene
Concen: 11.267 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41



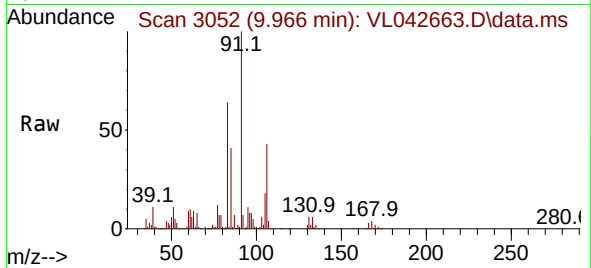
Tgt Ion:105 Resp: 537730
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 11.601 ppbv
RT: 9.966 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

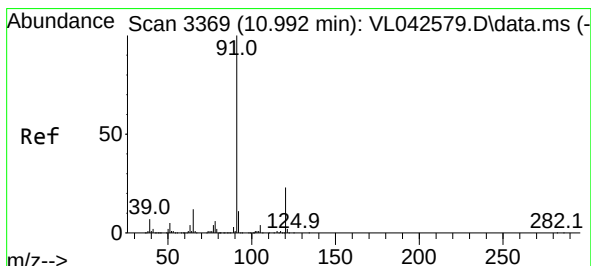
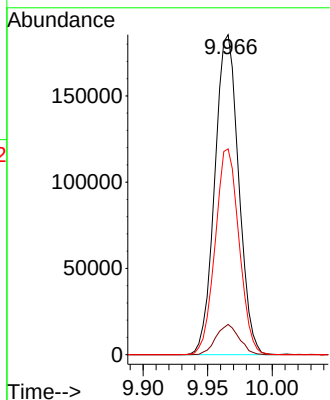
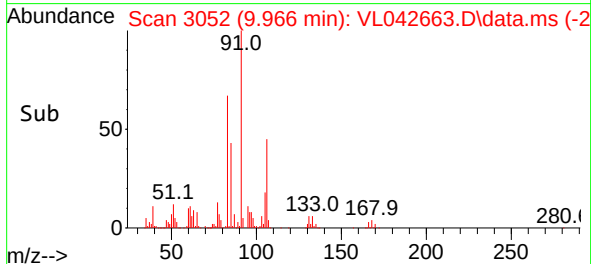
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



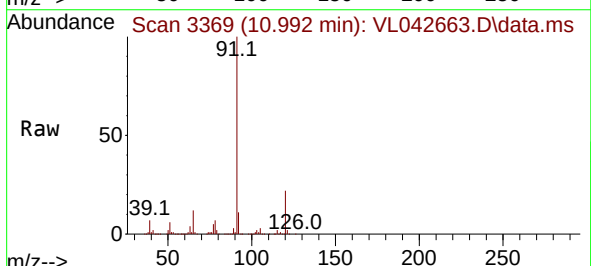
Tgt Ion: 83 Resp: 238290
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 64.4 32.5 97.4

Manual Integrations
APPROVED

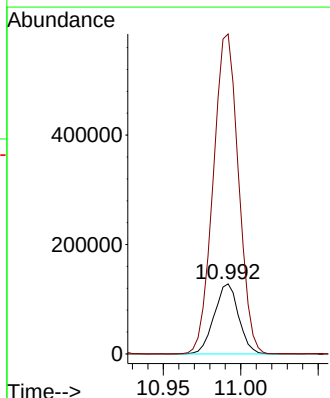
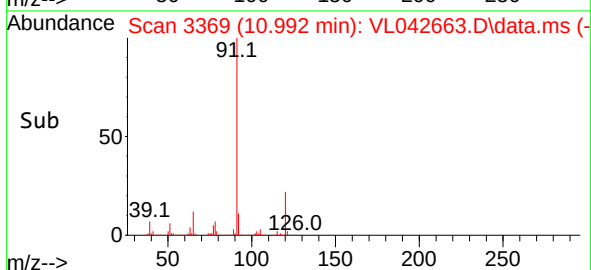
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

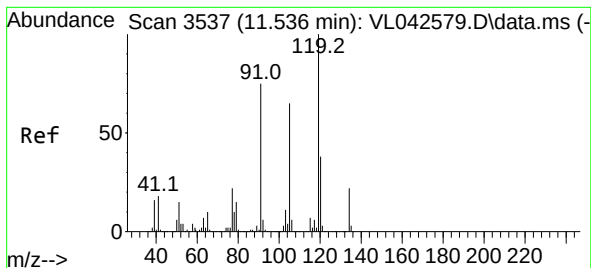


#64
n-propylbenzene
Concen: 10.954 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41



Tgt Ion:120 Resp: 140127
Ion Ratio Lower Upper
120 100
91 474.7 363.0 544.6





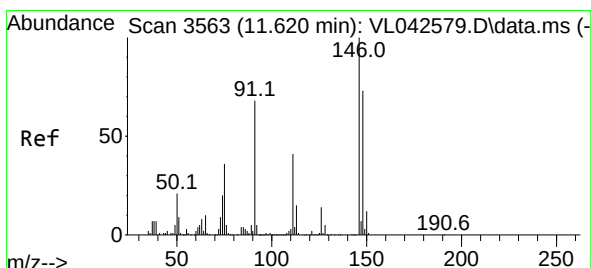
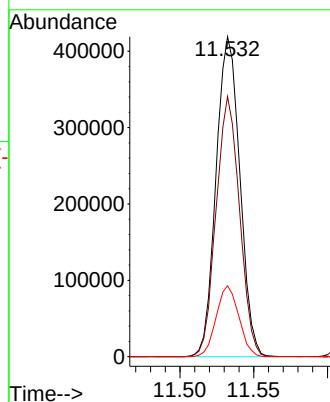
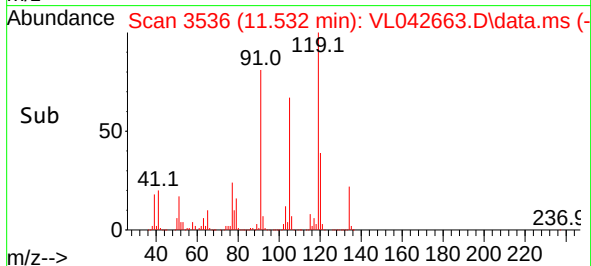
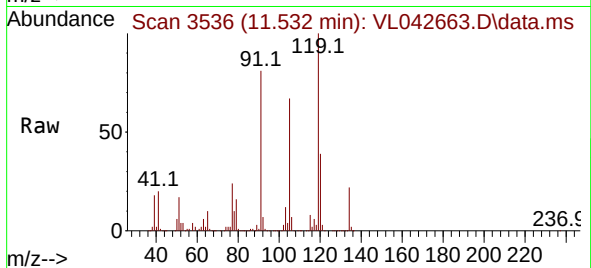
#65
tert-Butylbenzene
Concen: 10.859 ppbv
RT: 11.532 min Scan# 3537
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 47027
Ion Ratio Lower Upper
119 100
91 80.1 61.1 91.7
134 21.1 17.4 26.2

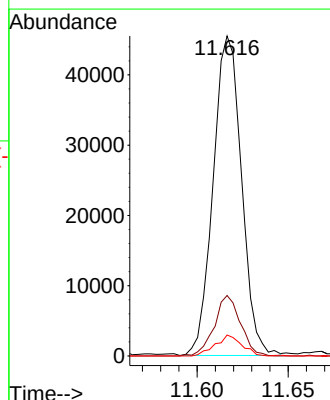
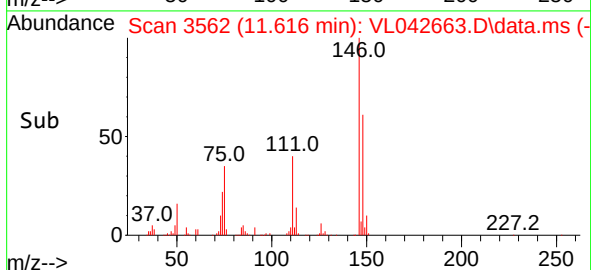
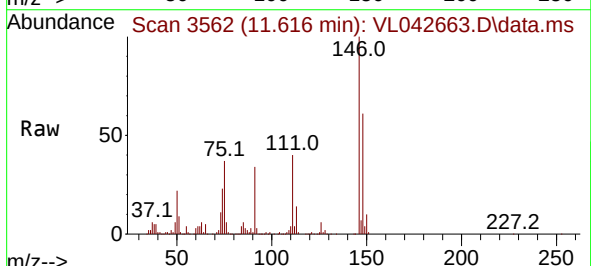
Manual Integrations
APPROVED

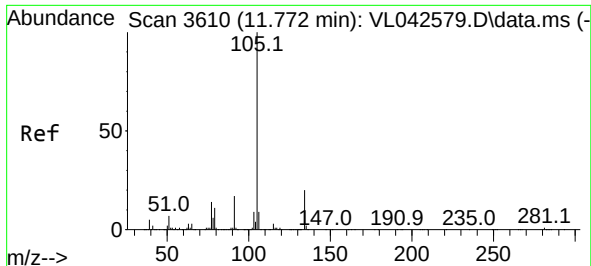
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#66
Benzyl Chloride
Concen: 8.818 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

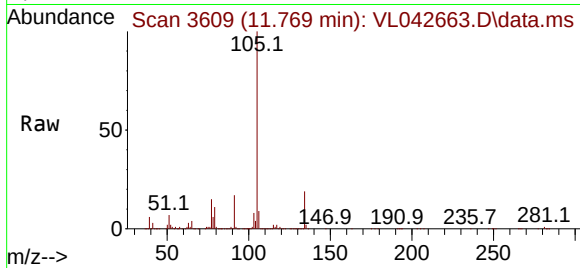
Tgt Ion: 91 Resp: 49156
Ion Ratio Lower Upper
91 100
126 17.4 15.1 22.7
128 6.2 5.0 7.6





#67
 sec-Butylbenzene
 Concen: 11.140 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

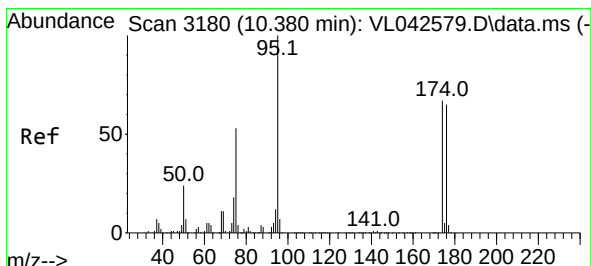
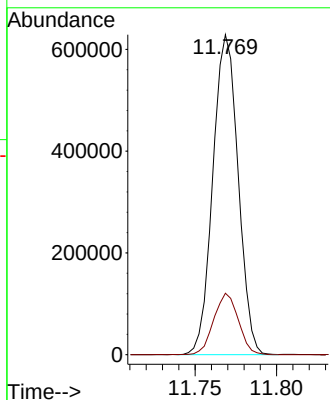
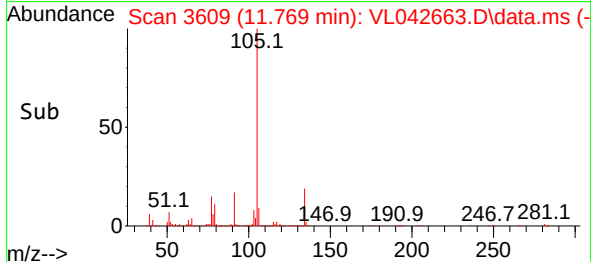
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 105 Resp: 67828
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.8 23.6

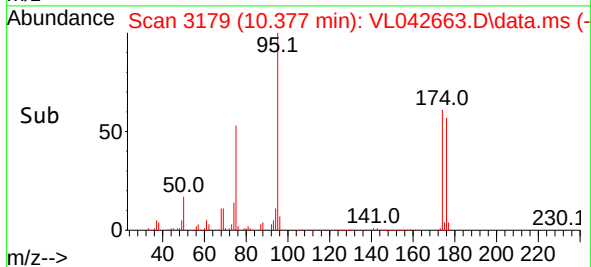
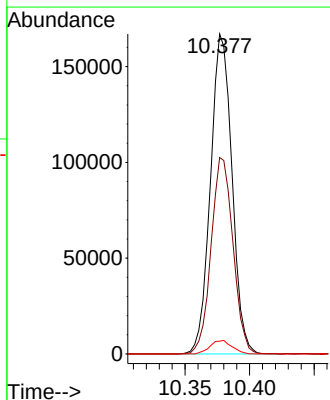
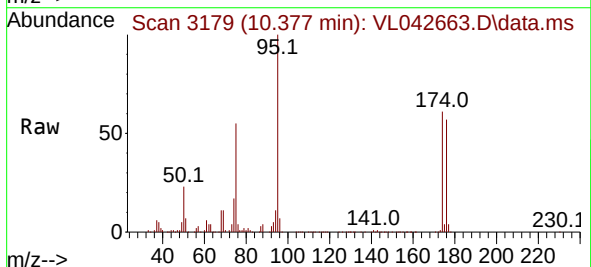
Manual Integrations
 APPROVED

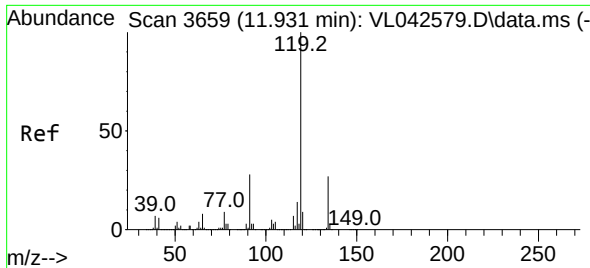
Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.610 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

Tgt Ion: 95 Resp: 192988
 Ion Ratio Lower Upper
 95 100
 174 62.6 53.1 79.7
 175 4.3 4.2 6.2





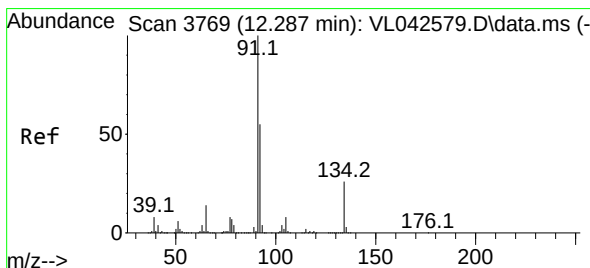
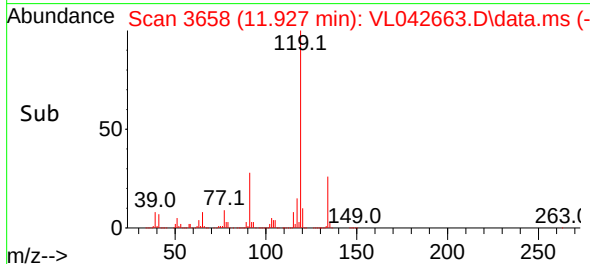
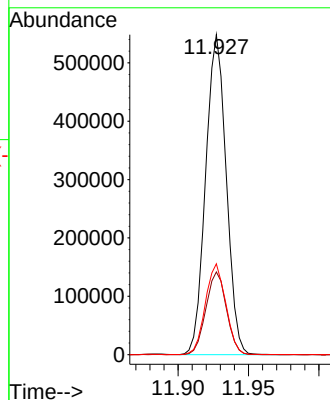
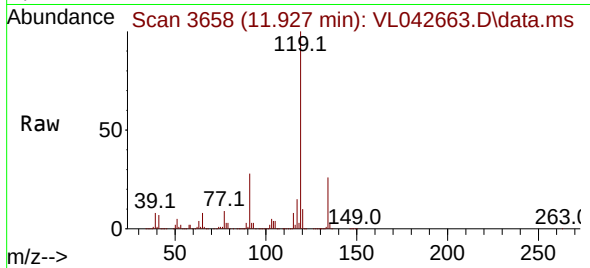
#69
 p-Isopropyltoluene
 Concen: 10.929 ppbv
 RT: 11.927 min Scan# 3658
 Delta R.T. -0.003 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 119 Resp: 557238
 Ion Ratio Lower Upper
 119 100
 134 25.9 21.1 31.7
 91 28.3 21.9 32.9

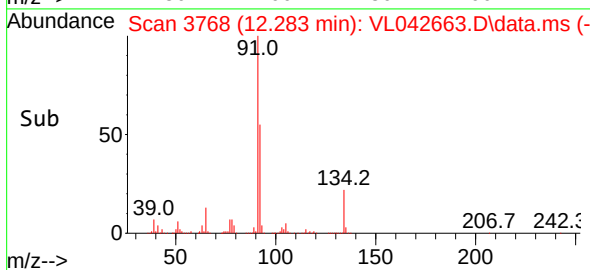
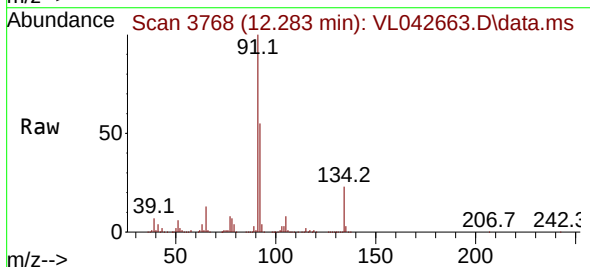
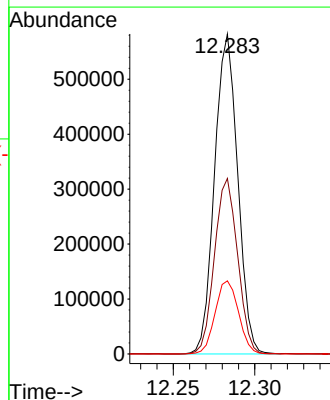
Manual Integrations
 APPROVED

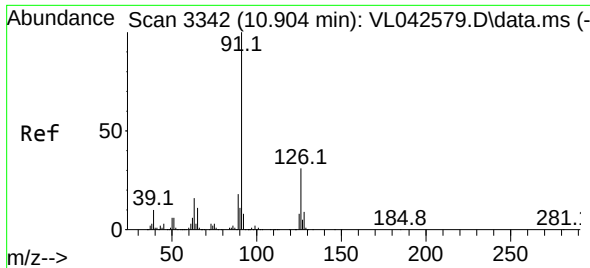
Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025



#70
 n-Butylbenzene
 Concen: 11.390 ppbv
 RT: 12.283 min Scan# 3768
 Delta R.T. -0.003 min
 Lab File: VL042663.D
 Acq: 23 Jun 2025 08:41

Tgt Ion: 91 Resp: 573279
 Ion Ratio Lower Upper
 91 100
 92 55.0 44.4 66.6
 134 23.2 20.1 30.1





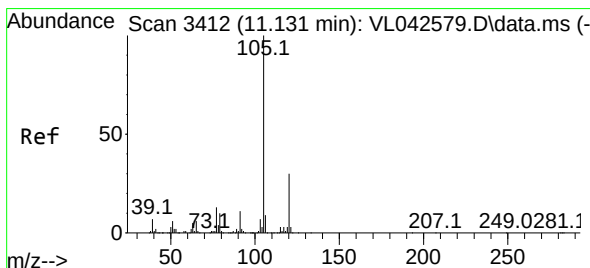
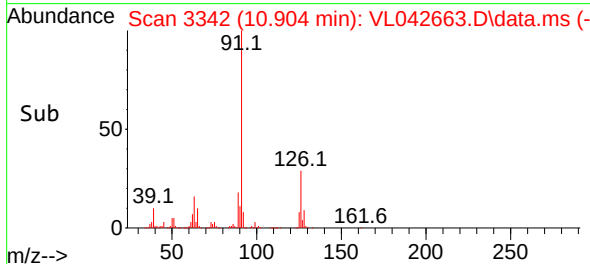
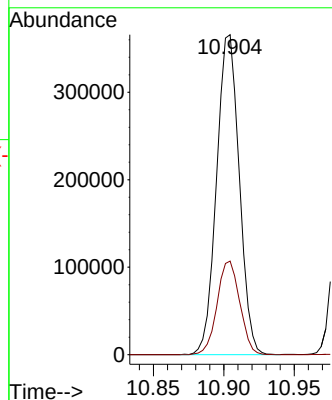
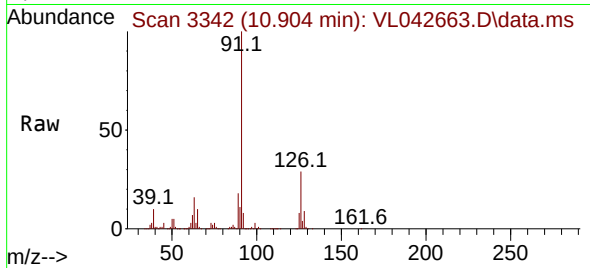
#71
2-Chlorotoluene
Concen: 11.283 ppbv
RT: 10.904 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 410730
Ion Ratio Lower Upper
91 100
126 29.2 12.6 50.4

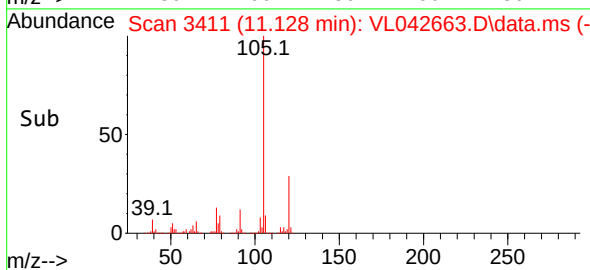
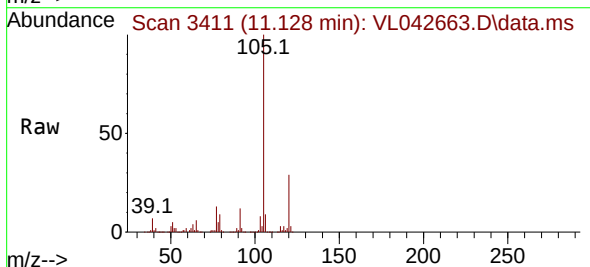
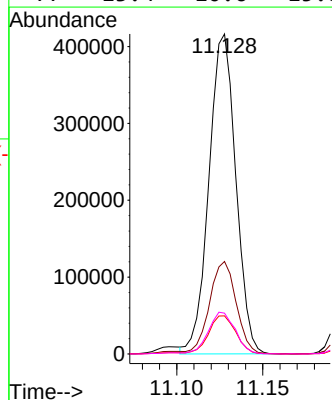
Manual Integrations
APPROVED

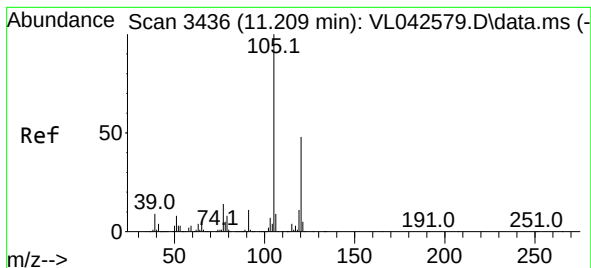
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#72
4-Ethyltoluene
Concen: 11.236 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

Tgt Ion:105 Resp: 452536
Ion Ratio Lower Upper
105 100
120 29.6 24.6 36.8
91 12.7 9.6 14.4
77 13.4 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 11.293 ppbv

RT: 11.205 min Scan# 3436

Delta R.T. -0.003 min

Lab File: VL042663.D

Acq: 23 Jun 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 376444

Ion Ratio Lower Upper

105 100

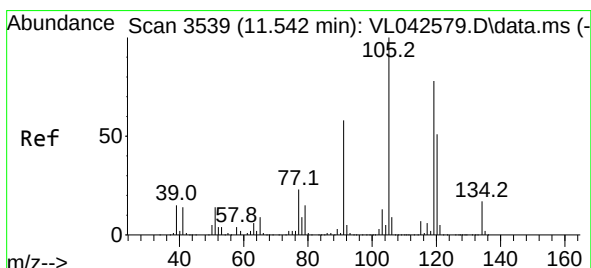
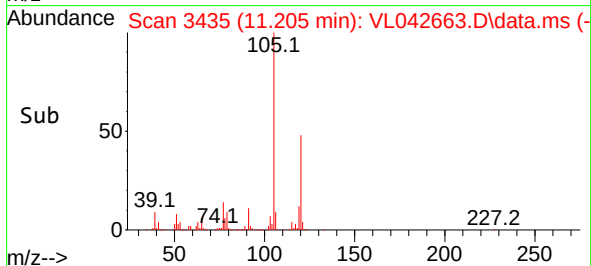
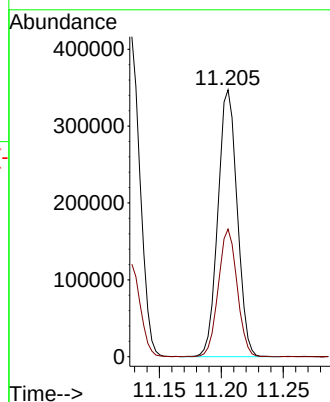
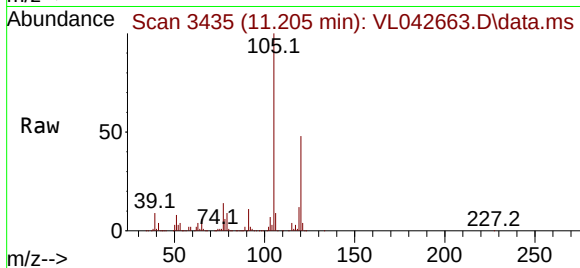
120 47.8 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025

Supervised By :Semsettin Yesilyurt 06/24/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.258 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VL042663.D

Acq: 23 Jun 2025 08:41

Tgt Ion:105 Resp: 416433

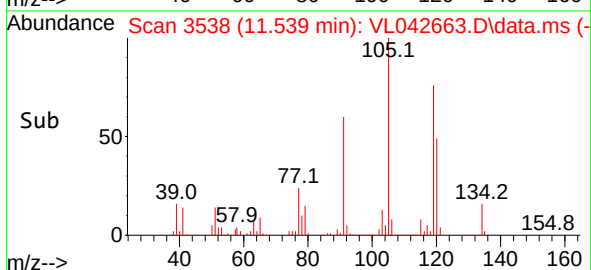
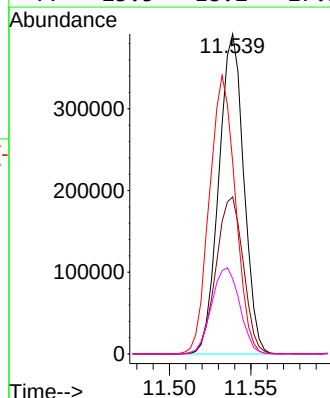
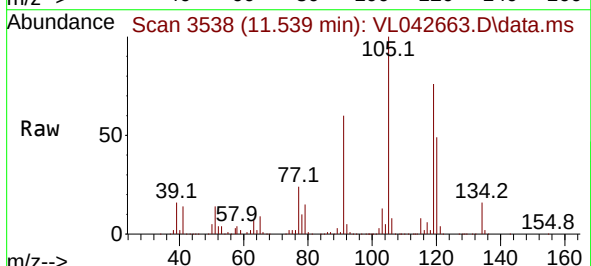
Ion Ratio Lower Upper

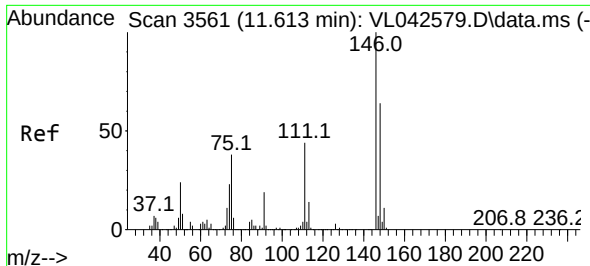
105 100

120 49.1 40.8 61.2

91 59.9 46.8 70.2

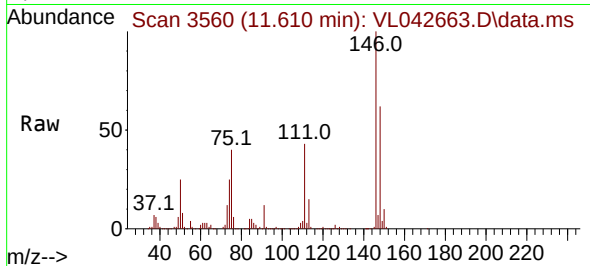
77 23.5 18.2 27.2





#75
1,3-Dichlorobenzene
Concen: 11.215 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

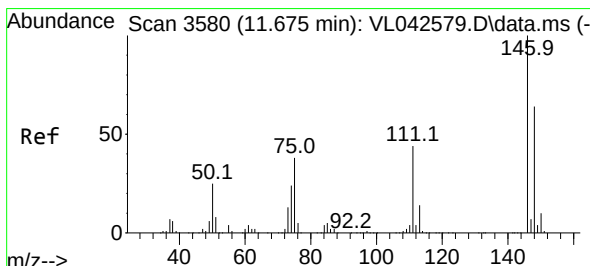
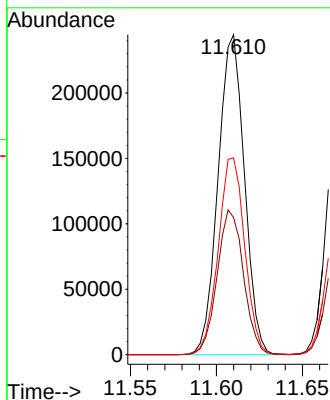
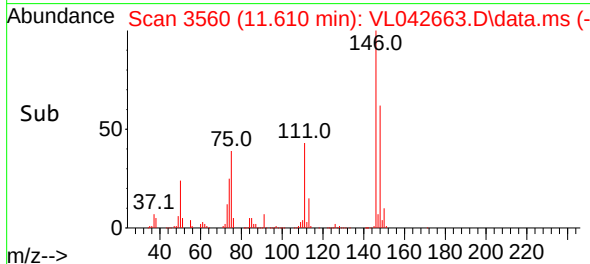
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 260528
Ion Ratio Lower Upper
146 100
111 45.3 22.4 67.3
148 62.0 32.0 96.2

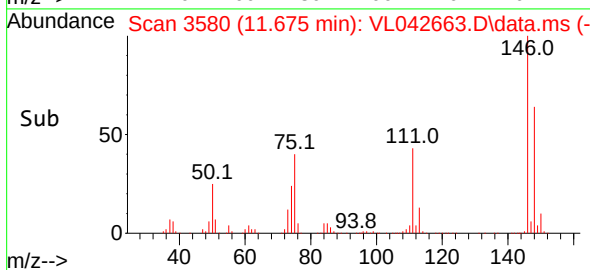
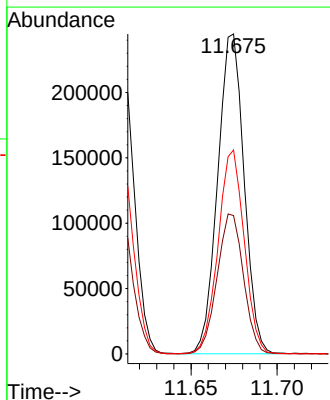
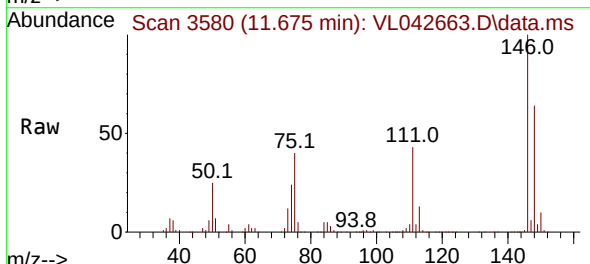
Manual Integrations
APPROVED

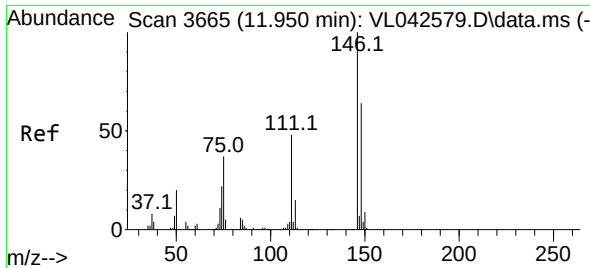
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025



#76
1,4-Dichlorobenzene
Concen: 11.267 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

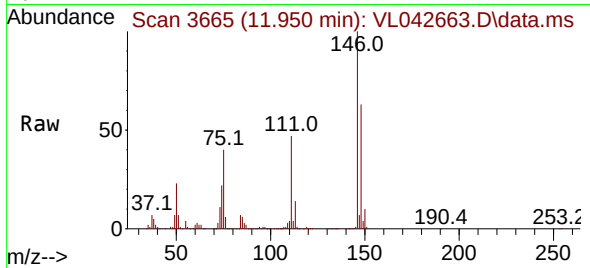
Tgt Ion:146 Resp: 261021
Ion Ratio Lower Upper
146 100
111 43.9 21.6 64.8
148 63.3 32.1 96.5





#77
1,2-Dichlorobenzene
Concen: 11.172 ppbv
RT: 11.950 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

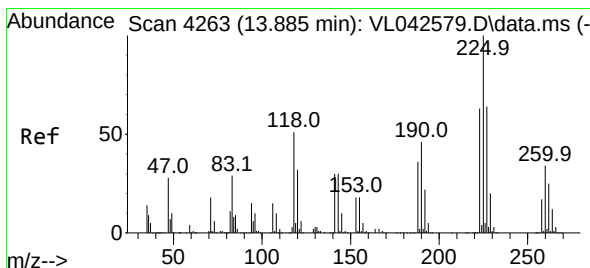
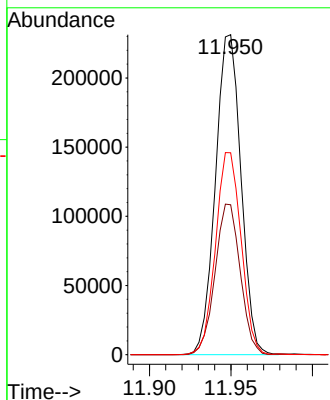
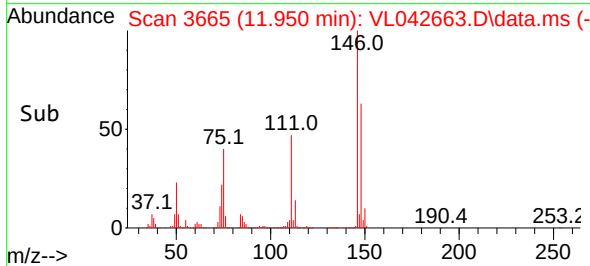
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



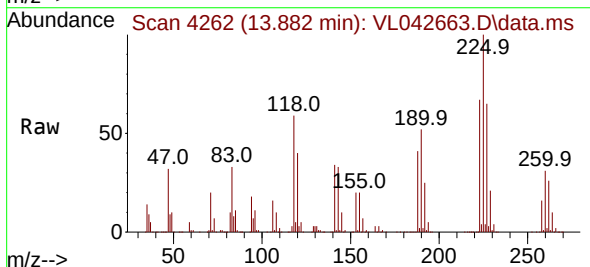
Tgt Ion:146 Resp: 251878
Ion Ratio Lower Upper
146 100
111 46.5 23.1 69.3
148 63.3 32.1 96.3

Manual Integrations
APPROVED

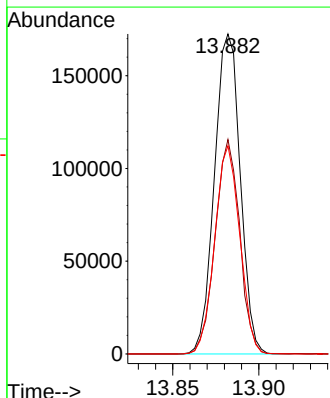
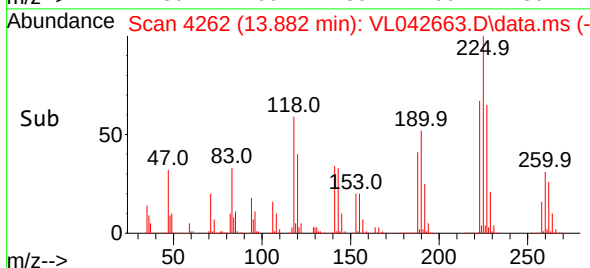
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

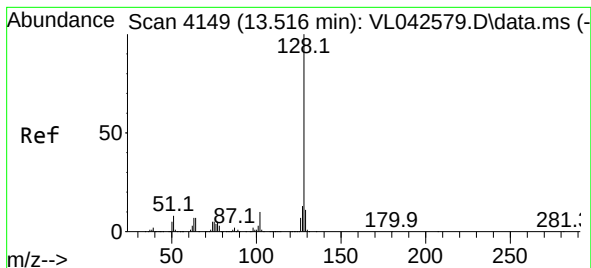


#78
Hexachloro-1,3-Butadiene
Concen: 9.641 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41



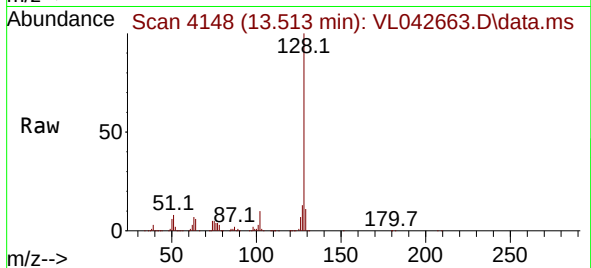
Tgt Ion:225 Resp: 179838
Ion Ratio Lower Upper
225 100
223 63.6 50.2 75.4
227 63.2 51.1 76.7





#79
Naphthalene
Concen: 11.349 ppbv
RT: 13.513 min Scan# 4149
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41

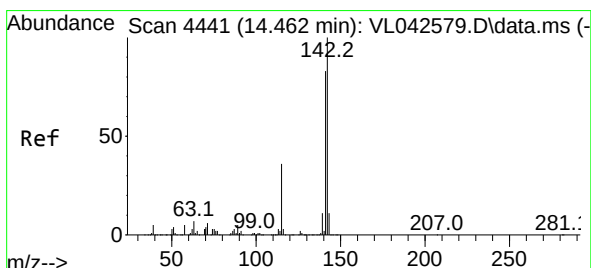
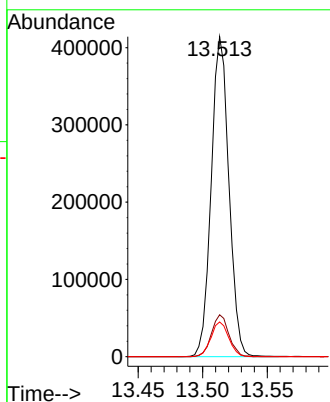
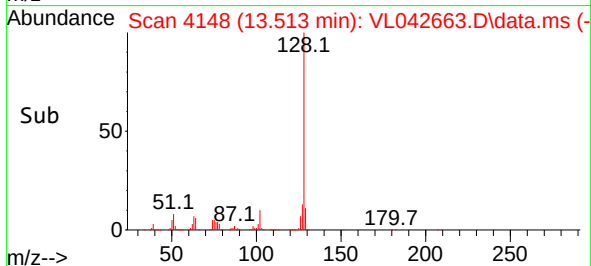
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



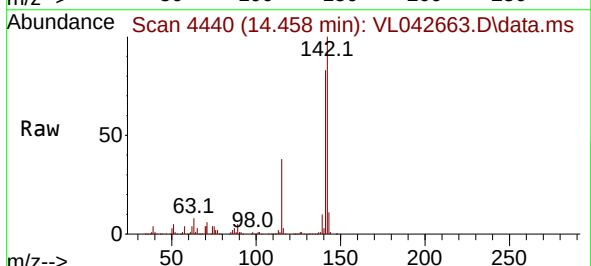
Tgt Ion:128 Resp: 395710
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.8 8.8 13.2

Manual Integrations
APPROVED

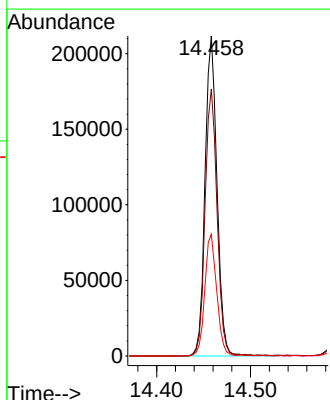
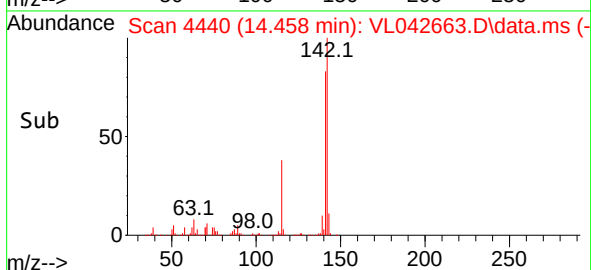
Reviewed By :Mahesh Dadoda 06/24/2025
Supervised By :Semsettin Yesilyurt 06/24/2025

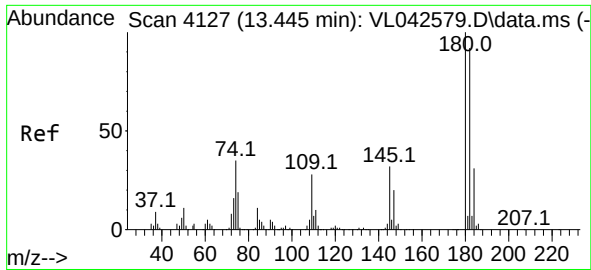


#80
Naphthalene,2-methyl-
Concen: 11.871 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.003 min
Lab File: VL042663.D
Acq: 23 Jun 2025 08:41



Tgt Ion:142 Resp: 187000
Ion Ratio Lower Upper
142 100
141 84.2 66.2 99.4
115 38.4 28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 10.513 ppbv

RT: 13.439 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL042663.D

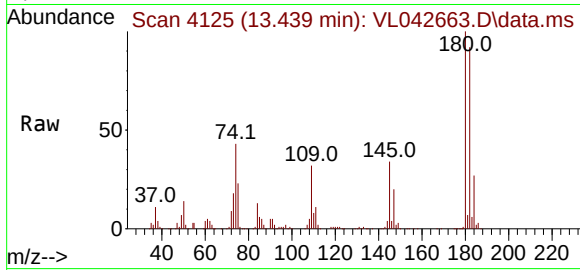
Acq: 23 Jun 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 204634

Ion Ratio Lower Upper

180 100

182 95.4 75.0 112.4

184 29.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025

Supervised By :Semsettin Yesilyurt 06/24/2025

