

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
 Data File : VL042050.D
 Acq On : 26 Feb 2025 08:38
 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 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

Quant Time: Feb 27 00:24:17 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	157492	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	387144	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	336136	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 264623 10.233 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	159125	9.716	ppbv	96
3) Chlorodifluoromethane	1.479	51	217238	9.491	ppbv	99
4) Chloromethane	1.538	50	54275	8.962	ppbv	97
5) Vinyl Chloride	1.583	62	53871	9.404	ppbv	99
6) Bromomethane	1.670	94	25674	9.412	ppbv	100
7) Chloroethane	1.709	64	22033	9.466	ppbv	89
8) Dichlorotetrafluoroethane	1.557	85	129383	9.610	ppbv	99
9) Propene	1.486	41	87439	9.377	ppbv	97
10) Heptane	5.001	43	268030	9.231	ppbv	99
11) Trichlorofluoromethane	1.884	101	155832	9.496	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	114341	8.735	ppbv	99
13) Ethanol	1.725	45	2918	4.929	ppbv	98
14) Bromoethene	1.787	108	44414	9.608	ppbv	95
15) Acetone	1.842	43	116372	8.367	ppbv	98
16) 1,3-Butadiene	1.612	39	59133	9.136	ppbv	99
17) tert-Butyl alcohol	2.046	59	153167	8.802	ppbv	96
18) 1,1-Dichloroethene	2.039	96	51101	8.640	ppbv	93
19) Isopropyl Alcohol	1.890	45	69014	8.638	ppbv	98
20) Methylene Chloride	2.068	84	42907	8.156	ppbv	98
21) Allyl Chloride	2.101	41	86423	8.600	ppbv	99
22) trans-1,2-Dichloroethene	2.347	96	61551	8.927	ppbv	98
23) Vinyl Acetate	2.470	43	84867	8.678	ppbv	98
24) 1,1-Dichloroethane	2.418	63	118286	9.220	ppbv	99
25) Ethyl Acetate	2.848	43	521677	9.371	ppbv	99
26) Hexane	2.835	57	207168	9.205	ppbv	98
27) Carbon Disulfide	2.156	76	138544	9.081	ppbv	95
28) Methyl tert-Butyl Ether	2.447	73	88652	7.912	ppbv	97
29) Chloroform	2.858	83	273992	9.045	ppbv	98
30) Cyclohexane	3.871	84	167364	9.162	ppbv	94
31) cis-1,2-Dichloroethene	2.732	61	197466	9.268	ppbv	97
32) 1,1,1-Trichloroethane	3.379	97	275336	9.370	ppbv	97
34) 2-Butanone	2.567	43	298594	9.900	ppbv	97
35) Carbon Tetrachloride	3.777	117	272097	10.192	ppbv	97
36) Benzene	3.670	78	394494	9.734	ppbv	97
37) 1,2-Dichloroethane	3.230	62	224585	9.995	ppbv	99
38) Trichloroethene	4.567	130	149021	9.005	ppbv	97
39) 1,2-Dichloropropane	4.331	63	151626	9.857	ppbv	95
40) 1,4-Dioxane	4.606	88	68639	9.775	ppbv #	98
41) Tetrahydrofuran	3.065	42	178871	10.037	ppbv	97
42) Bromodichloromethane	4.509	83	306517	10.124	ppbv	98
43) Methyl Methacrylate	4.900	69	156460	9.885	ppbv	96
44) 2,2,4-Trimethylpentane	4.658	57	703370	9.834	ppbv	99
45) t-1,3-Dichloropropene	6.438	75	155197	9.870	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
 Data File : VL042050.D
 Acq On : 26 Feb 2025 08:38
 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 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

Quant Time: Feb 27 00:24:17 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

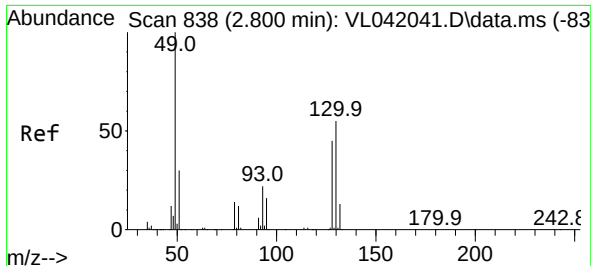
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

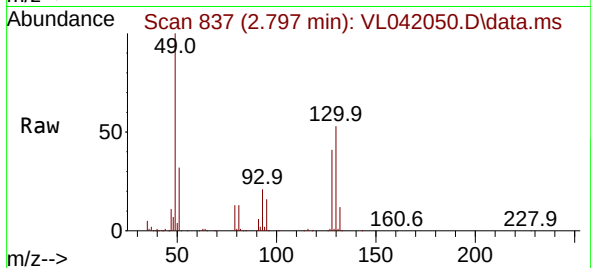
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	205249	10.087	ppbv	99
47) 1,1,2-Trichloroethane	6.603	97	148058	9.481	ppbv	96
48) Dibromochloromethane	7.409	129	240304	9.825	ppbv	100
49) Bromoform	9.496	173	205649	9.682	ppbv	98
50) 4-Methyl-2-Pentanone	5.778	43	423271	10.851	ppbv	97
51) 2-Hexanone	7.454	43	345562	12.872	ppbv #	100
52) Tetrachloroethene	8.237	164	131164	9.454	ppbv	97
53) Toluene	6.952	91	439634	9.706	ppbv	98
54) 1,2-Dibromoethane	7.671	107	200726	9.507	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.940	131	178871	9.415	ppbv	100
57) Chlorobenzene	8.937	112	326805	9.377	ppbv	99
58) Ethyl Benzene	9.367	91	598242	9.664	ppbv	99
59) m/p-Xylene	9.564	91	957021m	19.427	ppbv	
60) o-Xylene	9.979	91	475848	9.608	ppbv	100
61) Styrene	9.885	104	231133	9.927	ppbv	99
62) Isopropylbenzene	10.552	105	718826	9.692	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.975	83	312195	9.572	ppbv	98
64) n-propylbenzene	11.001	120	185068	9.513	ppbv	95
65) tert-Butylbenzene	11.542	119	618290	9.160	ppbv	98
66) Benzyl Chloride	11.629	91	49850	9.678	ppbv	98
67) sec-Butylbenzene	11.778	105	890927	9.229	ppbv	100
69) p-Isopropyltoluene	11.937	119	724678	9.435	ppbv	100
70) n-Butylbenzene	12.293	91	756366	9.648	ppbv	99
71) 2-Chlorotoluene	10.914	91	545538	9.541	ppbv	99
72) 4-Ethyltoluene	11.137	105	574661	9.504	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	484912	9.245	ppbv	98
74) 1,2,4-Trimethylbenzene	11.548	105	527932	8.938	ppbv	96
75) 1,3-Dichlorobenzene	11.620	146	309408	9.102	ppbv	99
76) 1,4-Dichlorobenzene	11.684	146	309423	9.168	ppbv	99
77) 1,2-Dichlorobenzene	11.960	146	302720	9.177	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	229379	8.937	ppbv	100
79) Naphthalene	13.523	128	493813	12.193	ppbv	99
80) Naphthalene,2-methyl-	14.468	142	190978	17.232	ppbv	99
81) 1,2,4-Trichlorobenzene	13.452	180	226561	10.038	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

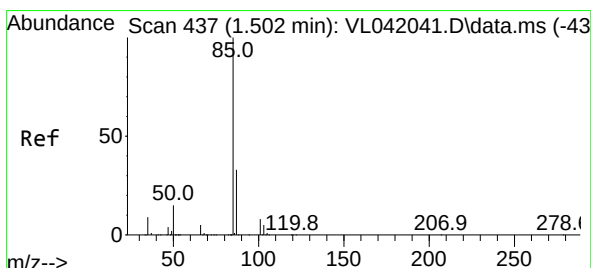
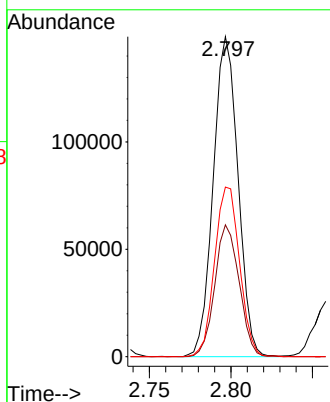
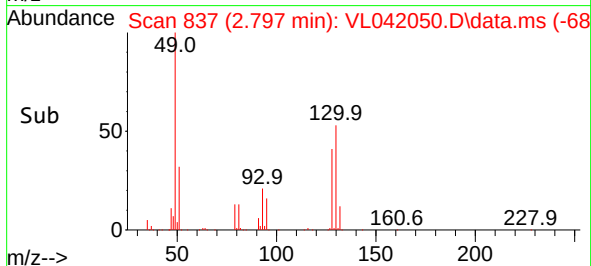
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



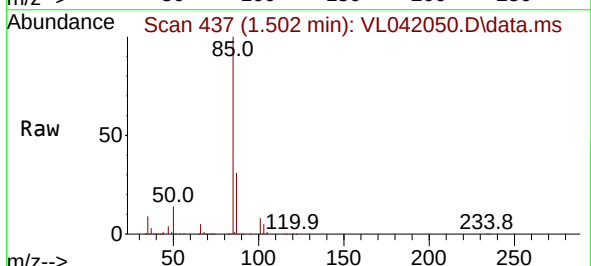
Tgt Ion: 49 Resp: 157492
Ion Ratio Lower Upper
49 100
128 40.5 21.6 64.8
130 53.5 27.8 83.4

Manual Integrations
APPROVED

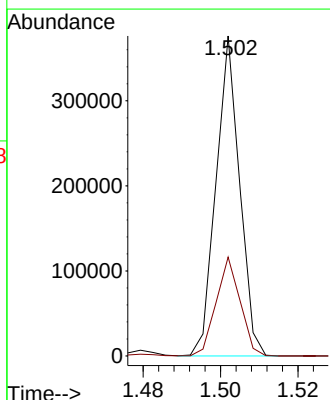
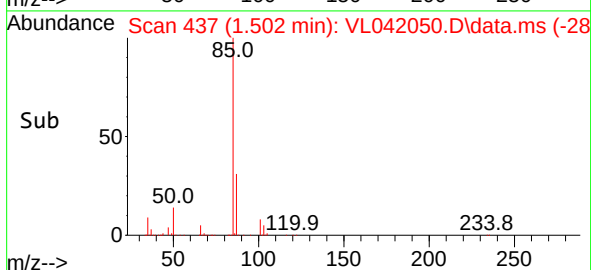
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

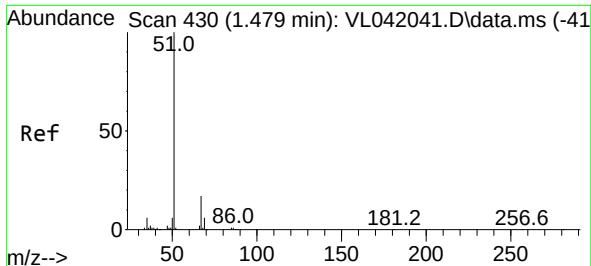


#2
Dichlorodifluoromethane
Concen: 9.716 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



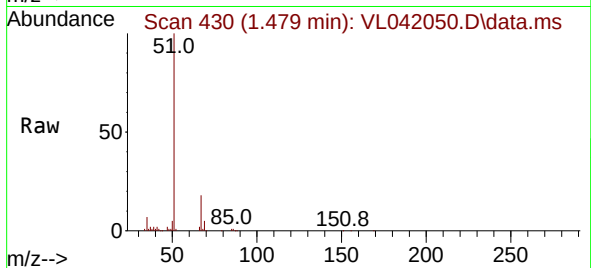
Tgt Ion: 85 Resp: 159125
Ion Ratio Lower Upper
85 100
87 30.9 26.4 39.6





#3
Chlorodifluoromethane
Concen: 9.491 ppbv
RT: 1.479 min Scan# 430
Delta R.T. -0.000 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

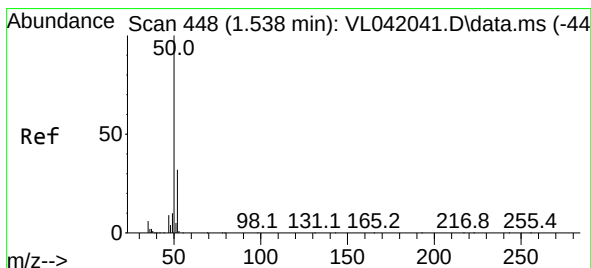
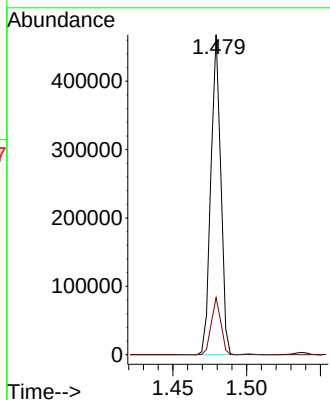
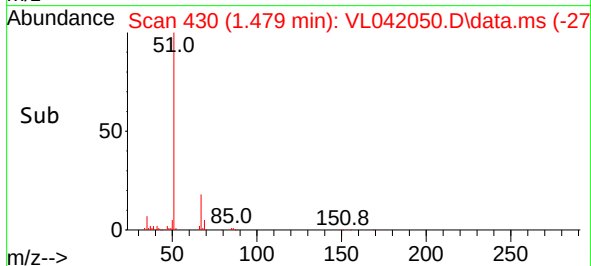
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



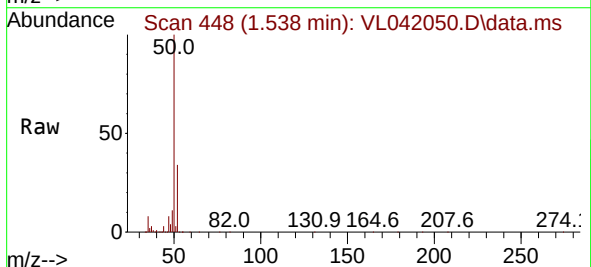
Tgt Ion: 51 Resp: 217238
Ion Ratio Lower Upper
51 100
67 17.3 13.7 20.5

Manual Integrations
APPROVED

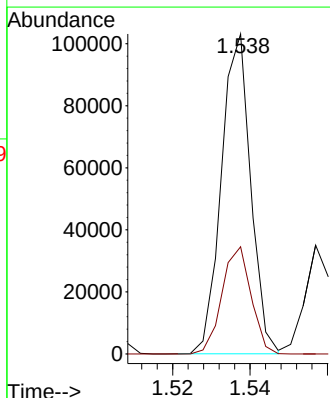
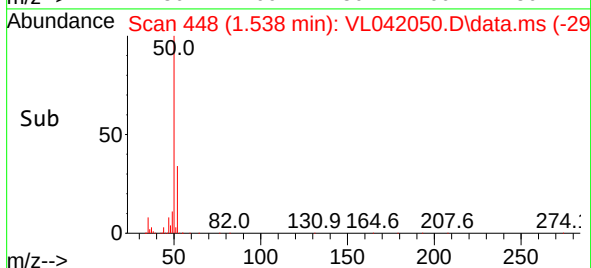
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

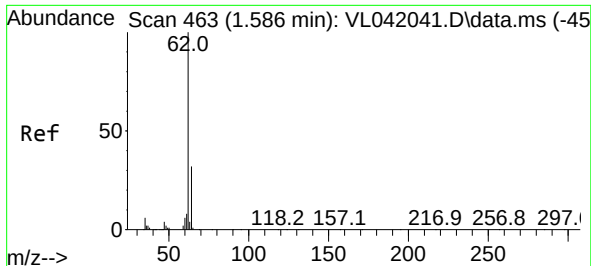


#4
Chloromethane
Concen: 8.962 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



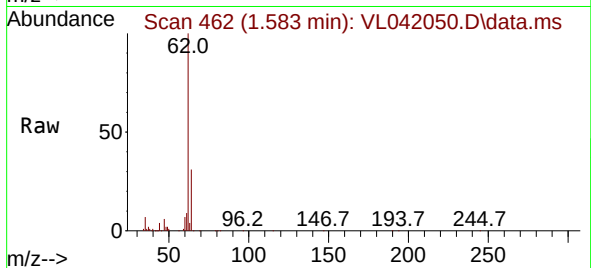
Tgt Ion: 50 Resp: 54275
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.0





#5
 Vinyl Chloride
 Concen: 9.404 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.003 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38

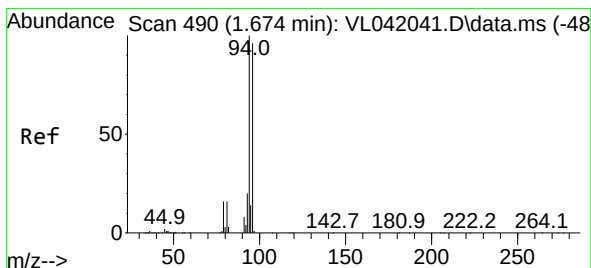
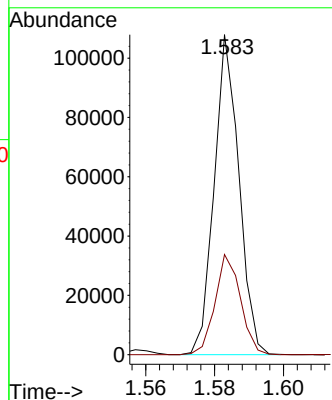
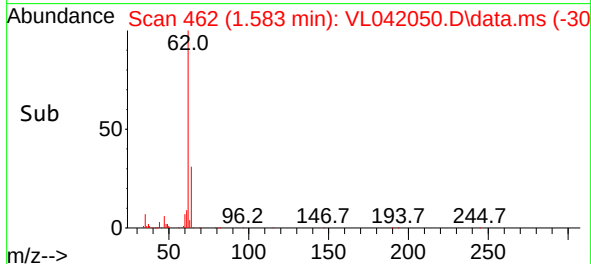
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 5387
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.3 37.9

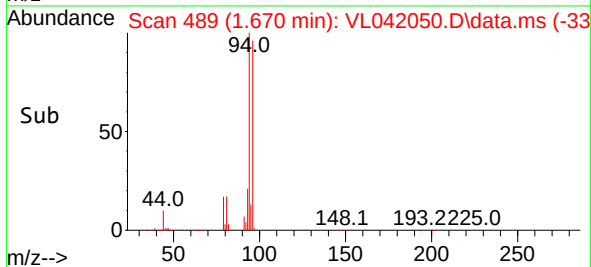
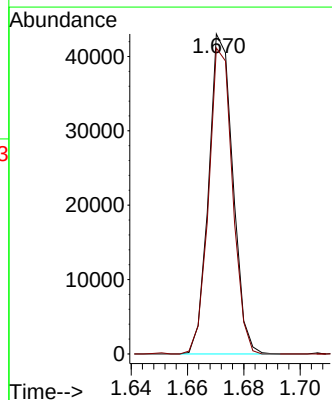
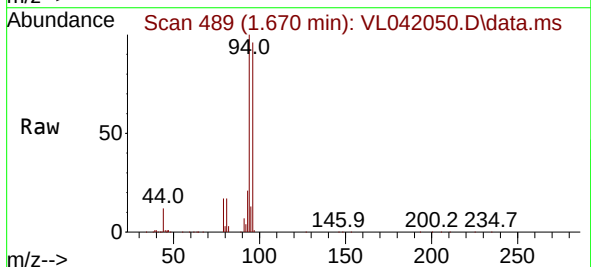
Manual Integrations
 APPROVED

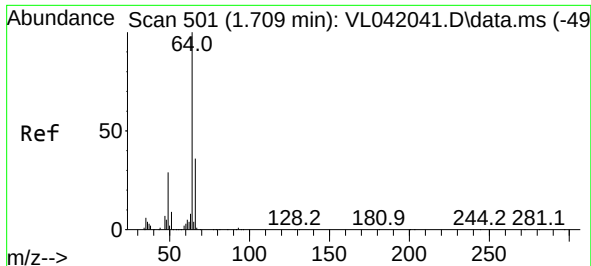
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#6
 Bromomethane
 Concen: 9.412 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38

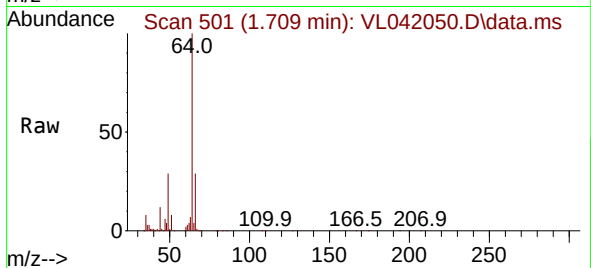
Tgt Ion: 94 Resp: 25674
 Ion Ratio Lower Upper
 94 100
 96 95.6 76.5 114.7





#7
Chloroethane
Concen: 9.466 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

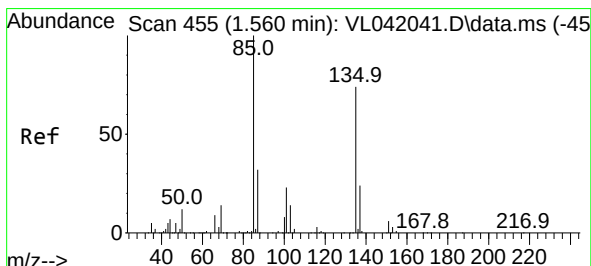
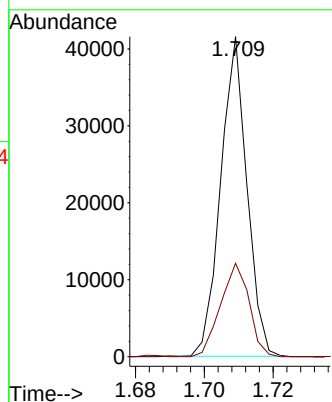
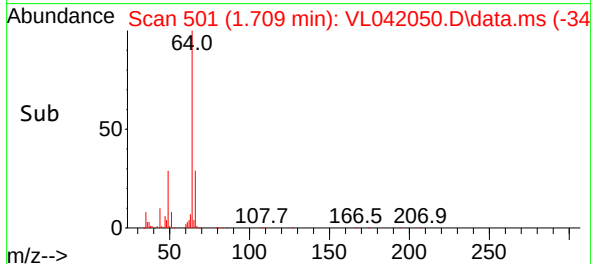
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



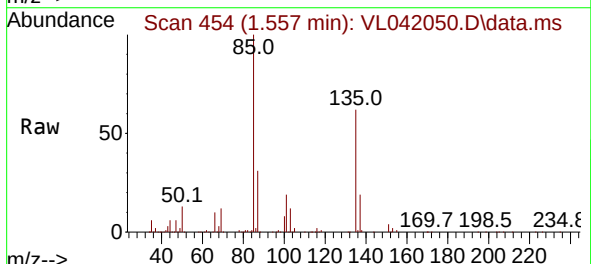
Tgt Ion: 64 Resp: 2203
Ion Ratio Lower Upper
64 100
66 29.2 28.4 42.6

Manual Integrations
APPROVED

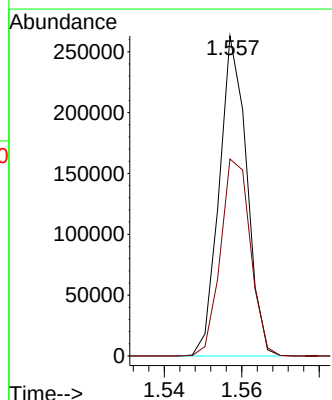
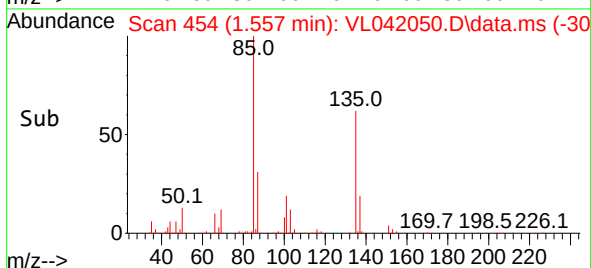
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

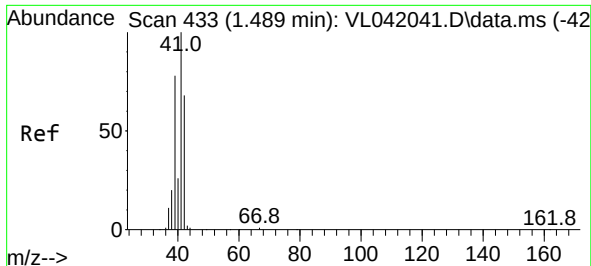


#8
Dichlorotetrafluoroethane
Concen: 9.610 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



Tgt Ion: 85 Resp: 129383
Ion Ratio Lower Upper
85 100
135 67.2 54.6 81.8





#9

Propene

Concen: 9.377 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 87439

Ion Ratio Lower Upper

41 100

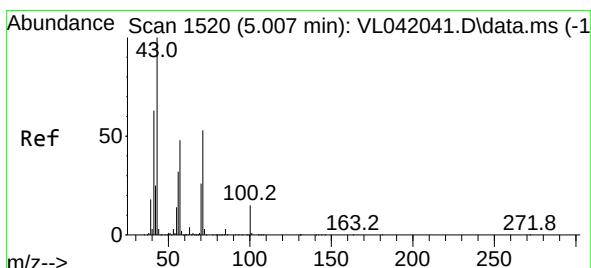
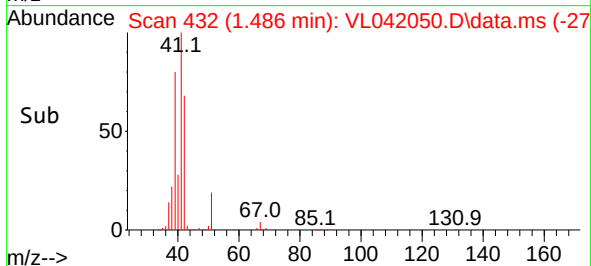
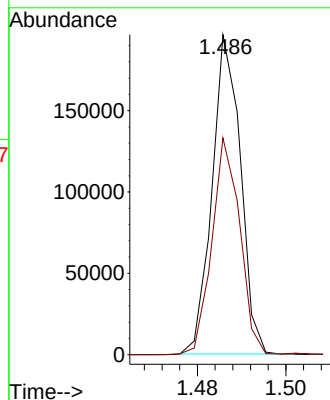
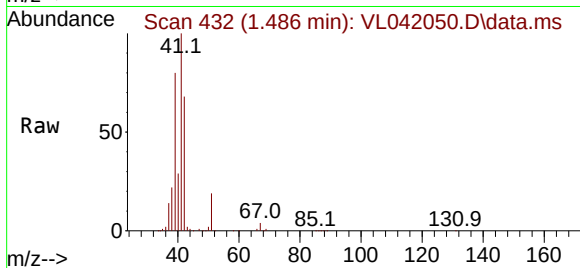
42 67.3 55.8 83.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#10

Heptane

Concen: 9.231 ppbv

RT: 5.001 min Scan# 1518

Delta R.T. -0.007 min

Lab File: VL042050.D

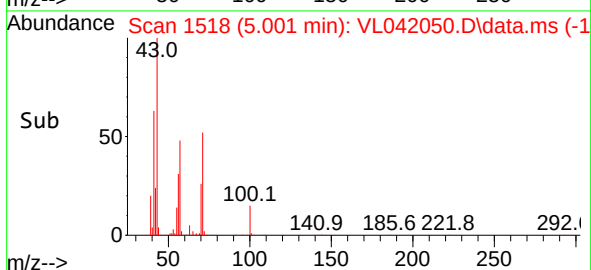
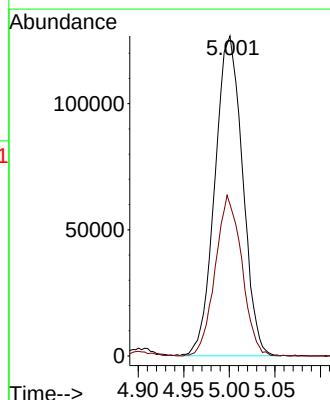
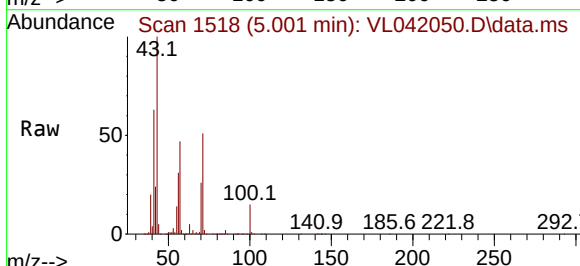
Acq: 26 Feb 2025 08:38

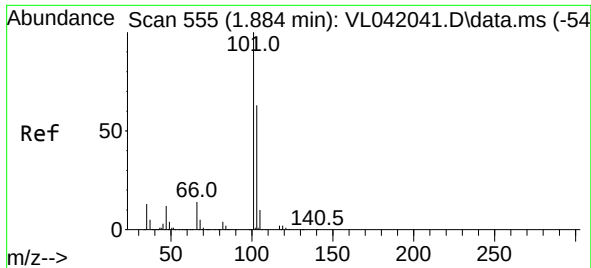
Tgt Ion: 43 Resp: 268030

Ion Ratio Lower Upper

43 100

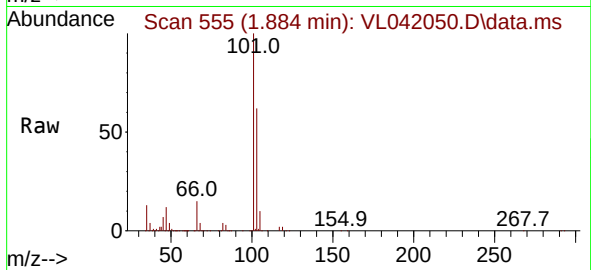
57 48.3 39.4 59.0





#11
 Trichlorofluoromethane
 Concen: 9.496 ppbv
 RT: 1.884 min Scan# 555
 Delta R.T. -0.000 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38

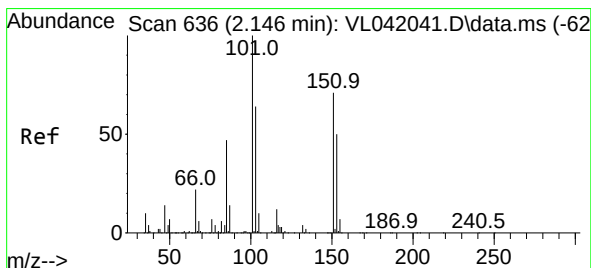
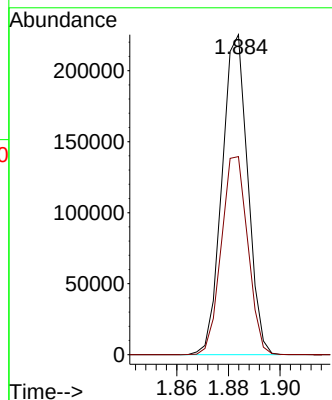
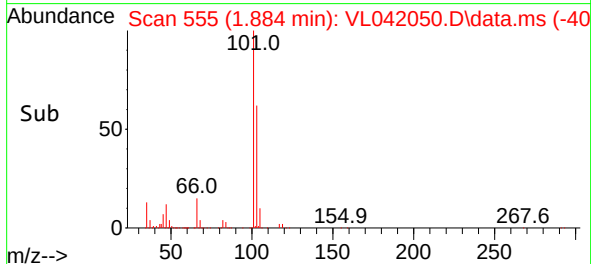
Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010



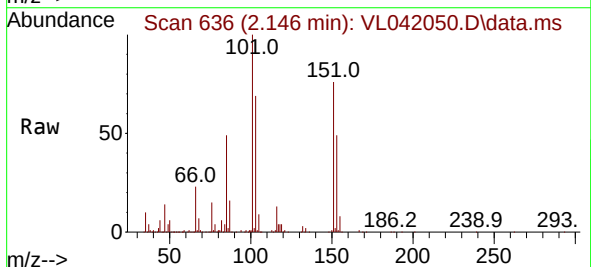
Tgt Ion:101 Resp: 155832
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.6 75.8

Manual Integrations
 APPROVED

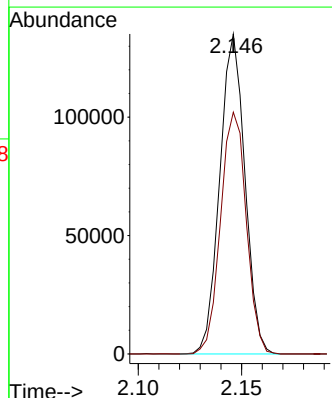
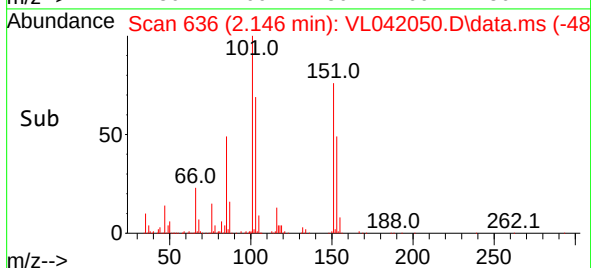
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

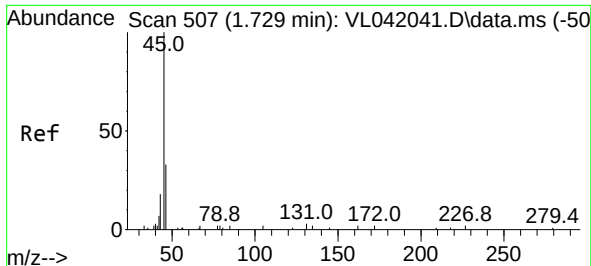


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.735 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.000 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38



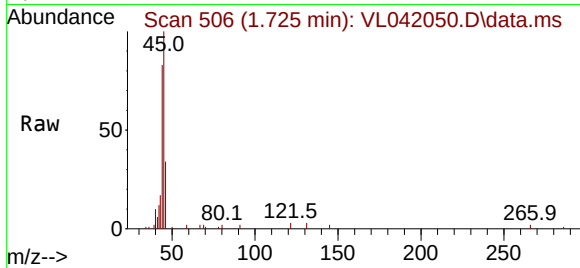
Tgt Ion:101 Resp: 114341
 Ion Ratio Lower Upper
 101 100
 151 77.2 62.6 94.0





#13
Ethanol
Concen: 4.929 ppbv
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

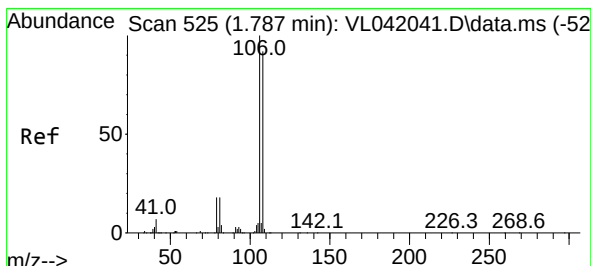
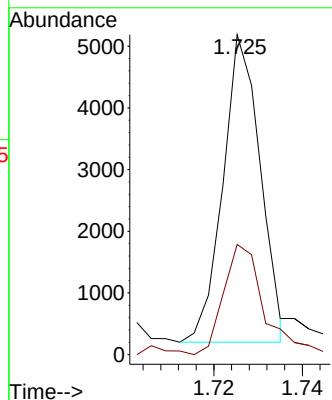
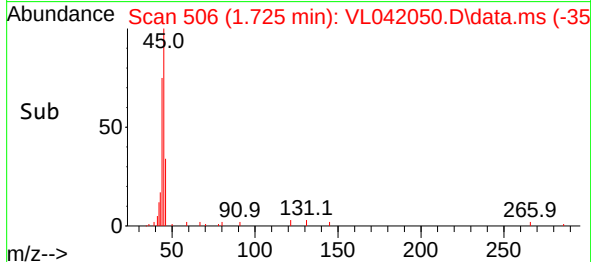
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



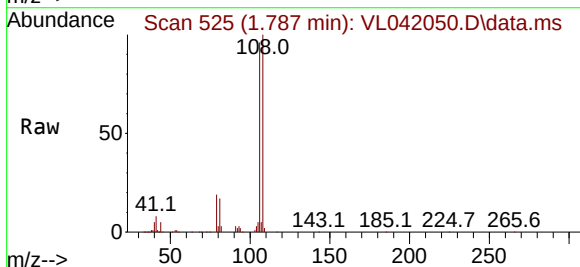
Tgt Ion: 45 Resp: 2918
Ion Ratio Lower Upper
45 100
46 43.8 17.1 68.3

Manual Integrations
APPROVED

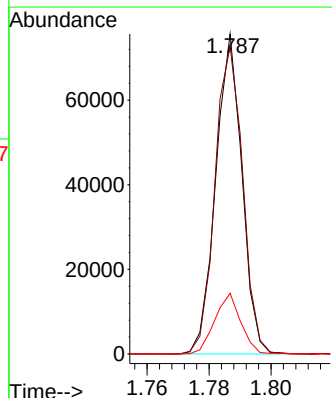
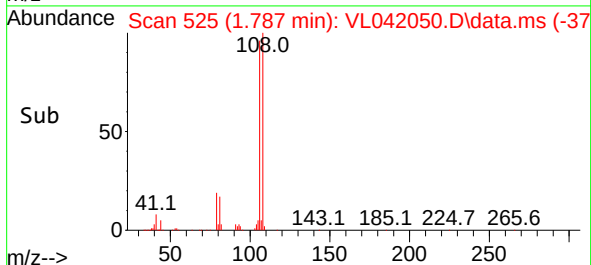
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

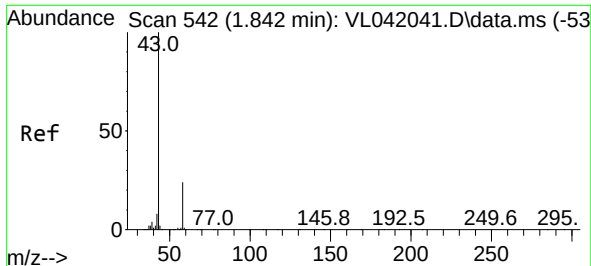


#14
Bromoethene
Concen: 9.608 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



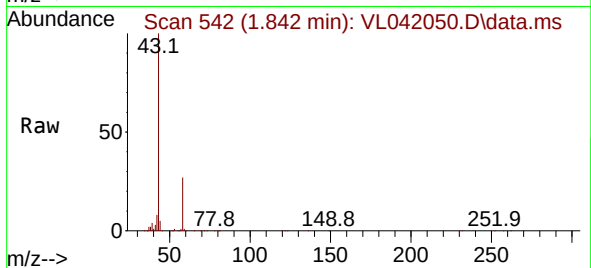
Tgt Ion:108 Resp: 44414
Ion Ratio Lower Upper
108 100
106 101.4 85.4 128.0
79 19.1 16.5 24.7





#15
Acetone
Concen: 8.367 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

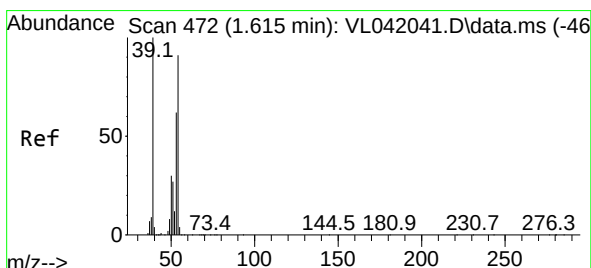
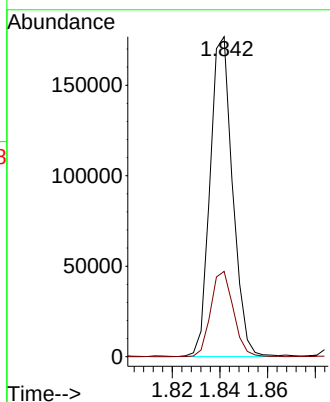
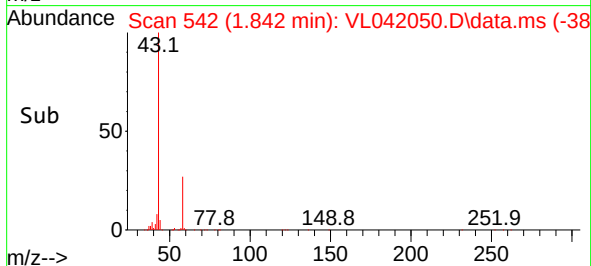
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



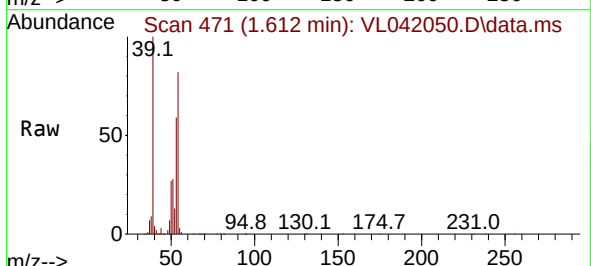
Tgt Ion: 43 Resp: 116372
Ion Ratio Lower Upper
43 100
58 26.8 20.7 31.1

Manual Integrations
APPROVED

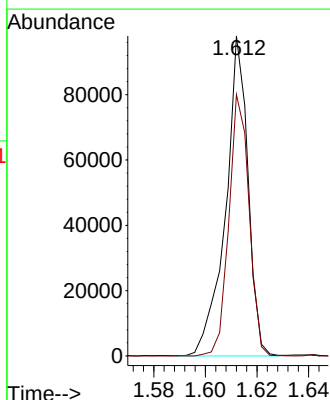
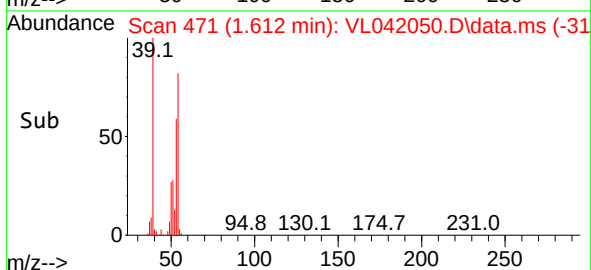
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

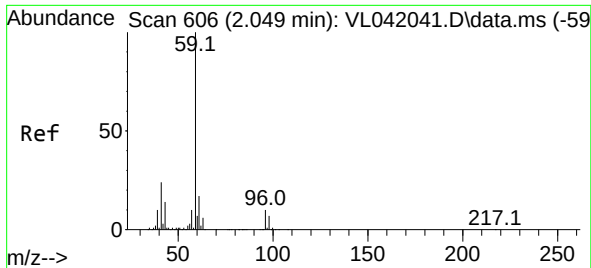


#16
1,3-Butadiene
Concen: 9.136 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



Tgt Ion: 39 Resp: 59133
Ion Ratio Lower Upper
39 100
54 73.6 59.6 89.4





#17

tert-Butyl alcohol

Concen: 8.802 ppbv

RT: 2.046 min Scan# 606

Delta R.T. -0.003 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 15316

Ion Ratio Lower Upper

59 100

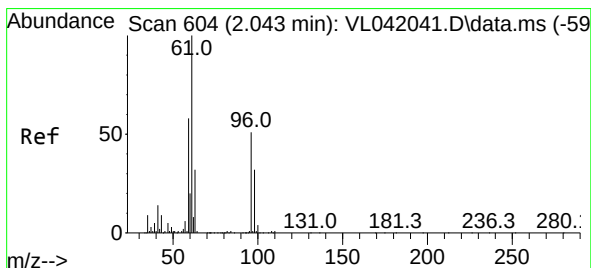
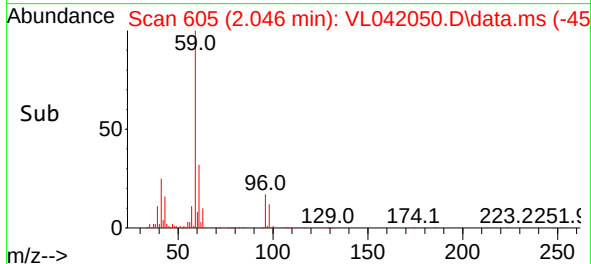
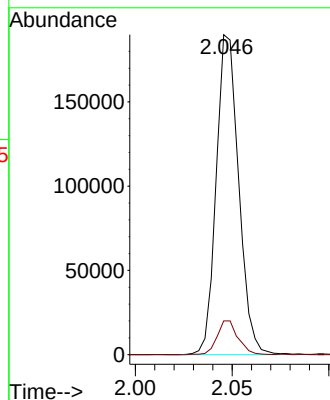
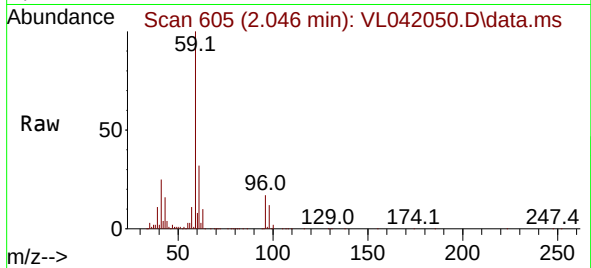
57 10.0 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#18

1,1-Dichloroethene

Concen: 8.640 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.003 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

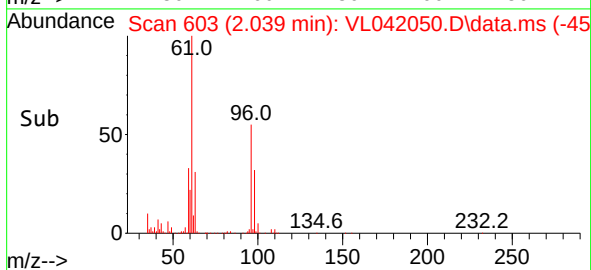
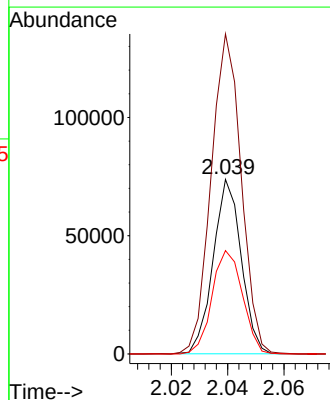
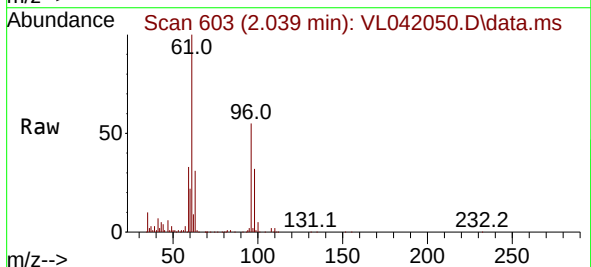
Tgt Ion: 96 Resp: 51101

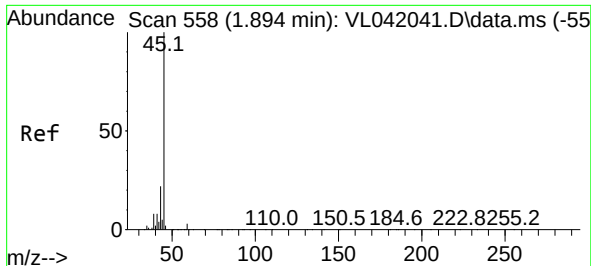
Ion Ratio Lower Upper

96 100

61 182.9 156.0 234.0

98 59.2 49.4 74.2





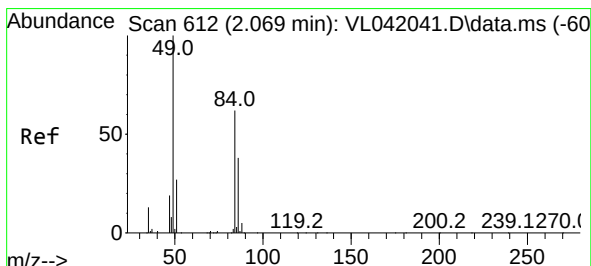
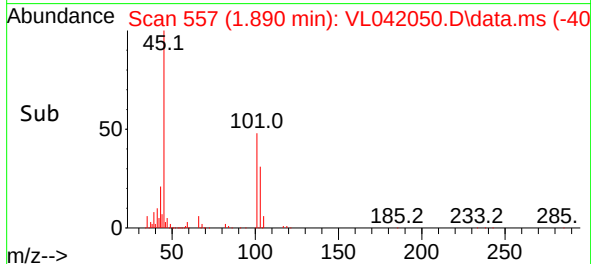
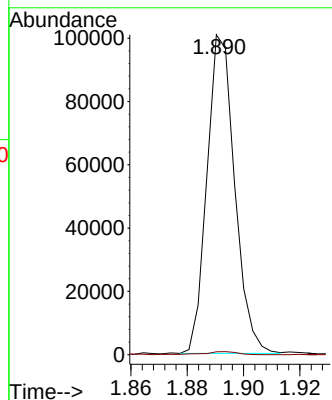
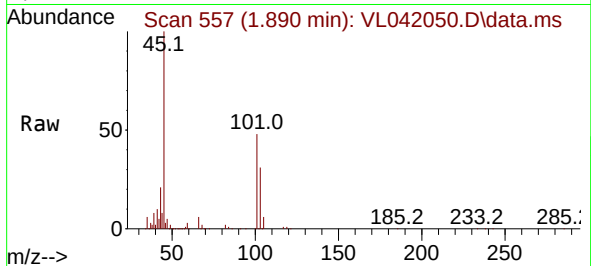
#19
Isopropyl Alcohol
Concen: 8.638 ppbv
RT: 1.890 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 69014
Ion Ratio Lower Upper
45 100
58 45.1 35.3 52.9

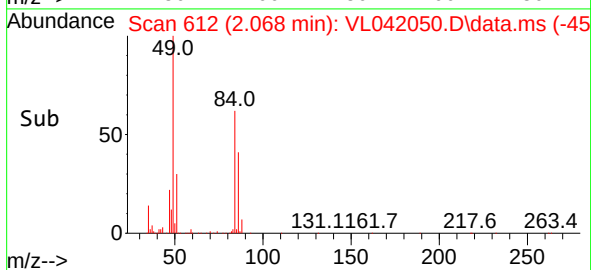
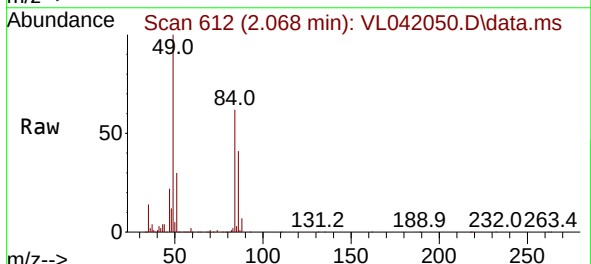
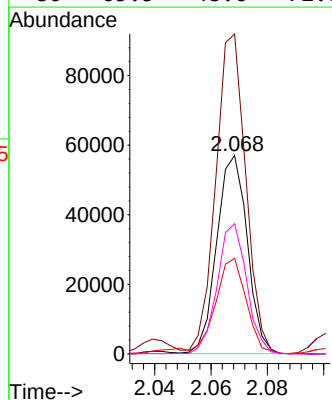
Manual Integrations
APPROVED

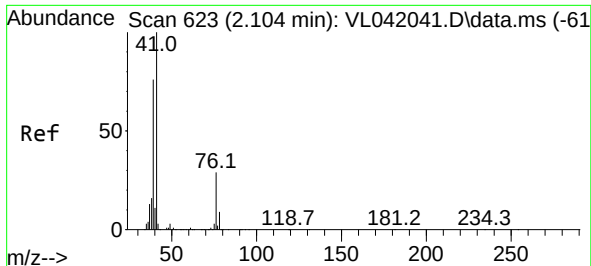
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#20
Methylene Chloride
Concen: 8.156 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

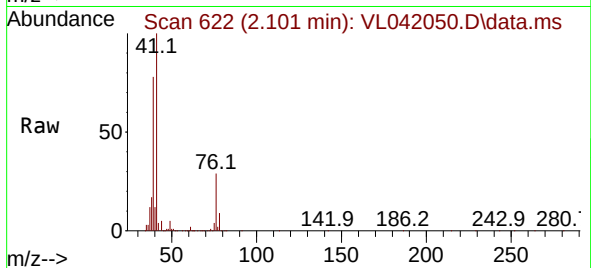
Tgt Ion: 84 Resp: 42907
Ion Ratio Lower Upper
84 100
49 161.3 130.0 195.0
51 47.7 37.4 56.0
86 65.5 48.6 72.8





#21
 Allyl Chloride
 Concen: 8.600 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38

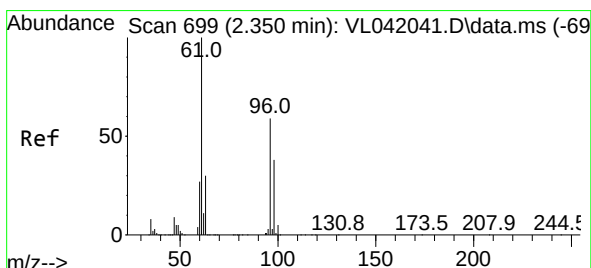
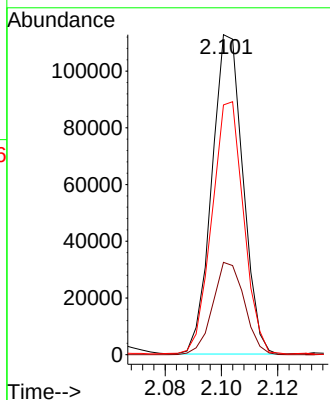
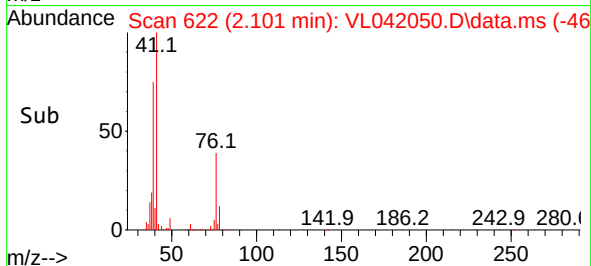
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



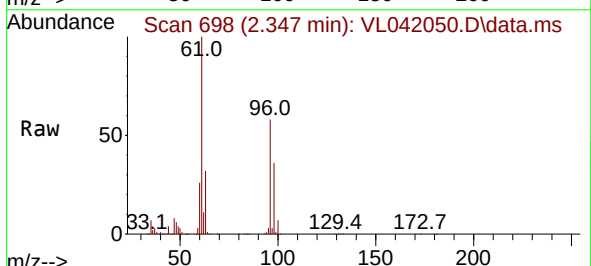
Tgt Ion: 41 Resp: 8642
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.8 35.6
 39 80.9 63.8 95.6

Manual Integrations
 APPROVED

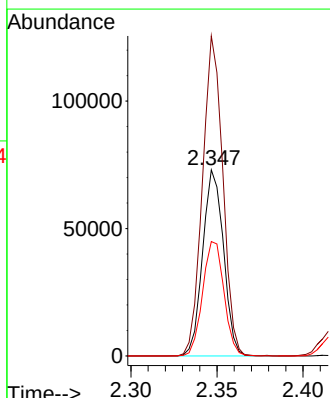
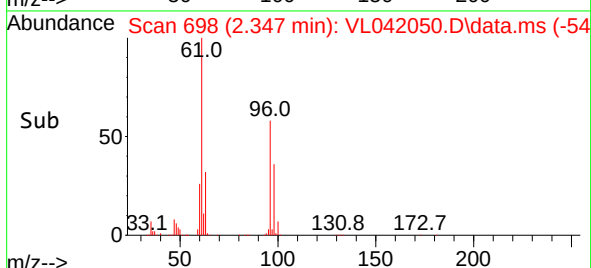
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

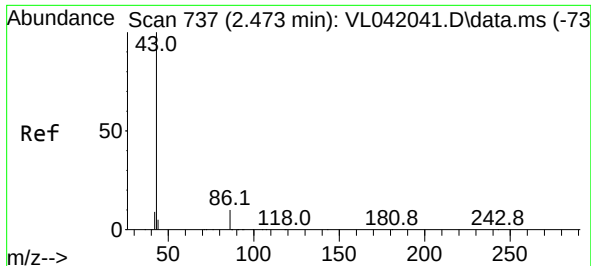


#22
 trans-1,2-Dichloroethene
 Concen: 8.927 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.003 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38



Tgt Ion: 96 Resp: 61551
 Ion Ratio Lower Upper
 96 100
 61 171.9 136.6 205.0
 98 61.4 51.8 77.6





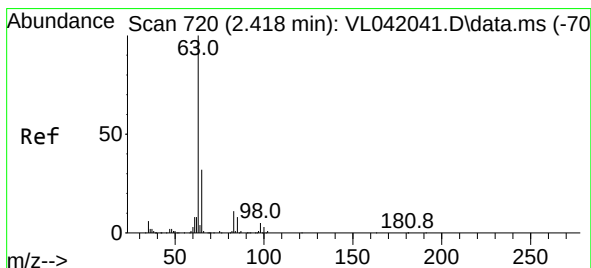
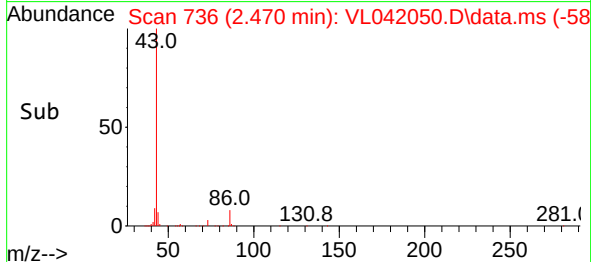
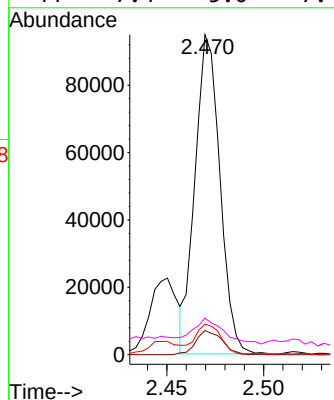
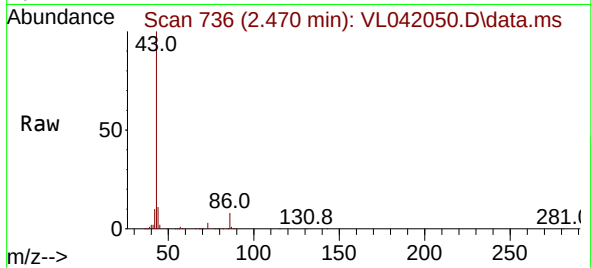
#23
 Vinyl Acetate
 Concen: 8.678 ppbv
 RT: 2.470 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 8486
 Ion Ratio Lower Upper
 43 100
 86 7.5 7.0 10.4
 42 9.3 7.6 11.4
 44 7.4 5.0 7.4

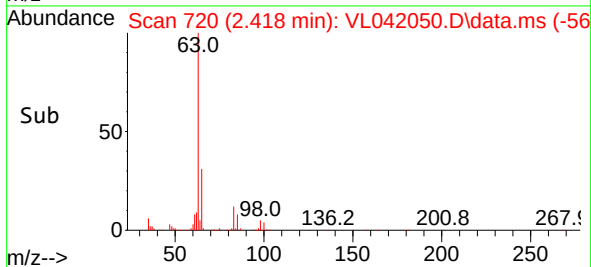
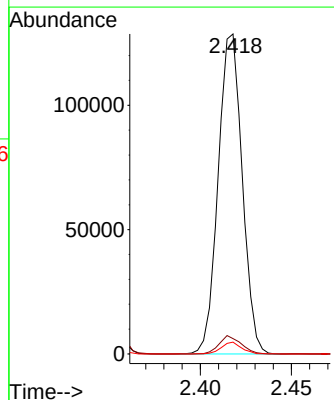
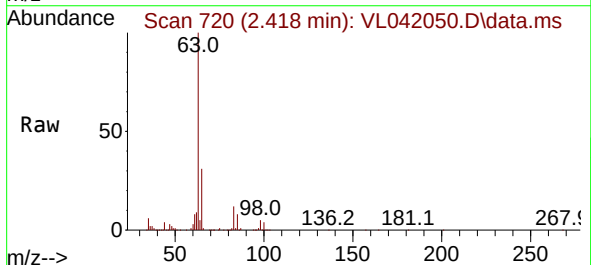
Manual Integrations
 APPROVED

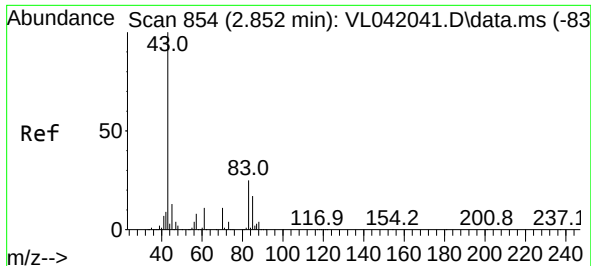
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#24
 1,1-Dichloroethane
 Concen: 9.220 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.000 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38

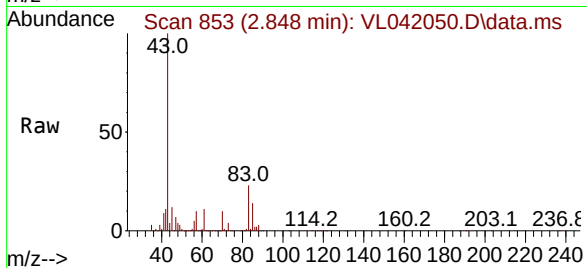
Tgt Ion: 63 Resp: 118286
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.4 7.2
 100 3.7 1.7 5.0





#25
Ethyl Acetate
Concen: 9.371 ppbv
RT: 2.848 min Scan# 848
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

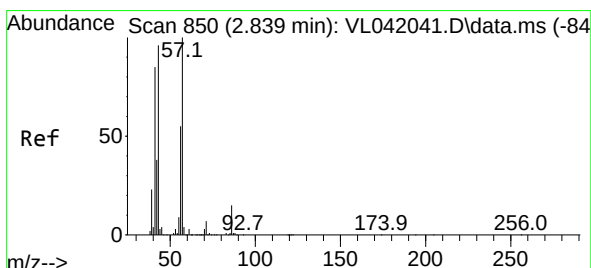
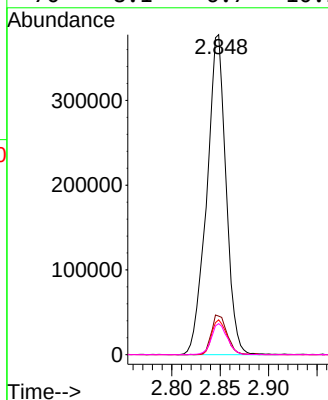
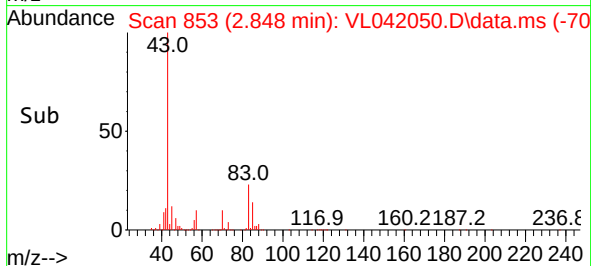


Tgt Ion: 43 Resp: 52167

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.1	12.1
61	8.7	7.2	10.8
70	8.1	6.7	10.1

Manual Integrations
APPROVED

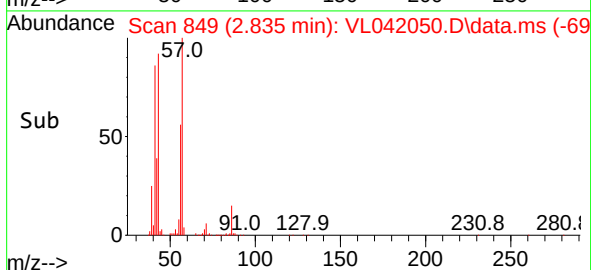
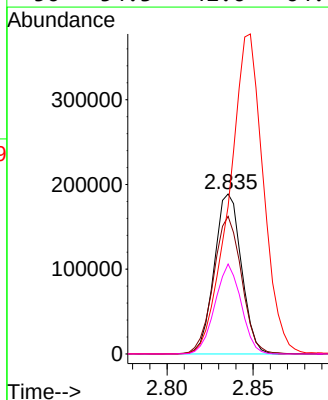
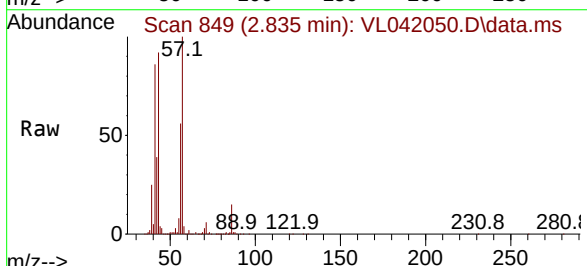
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

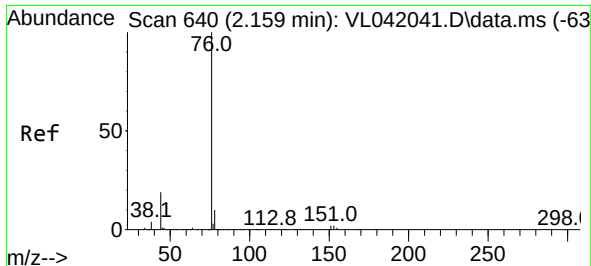


#26
Hexane
Concen: 9.205 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Tgt Ion: 57 Resp: 207168

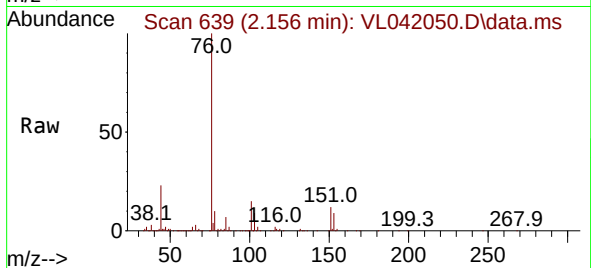
Ion	Ratio	Lower	Upper
57	100		
41	89.9	70.6	106.0
43	252.2	199.4	299.0
56	54.3	42.6	64.0





#27
Carbon Disulfide
Concen: 9.081 ppbv
RT: 2.156 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

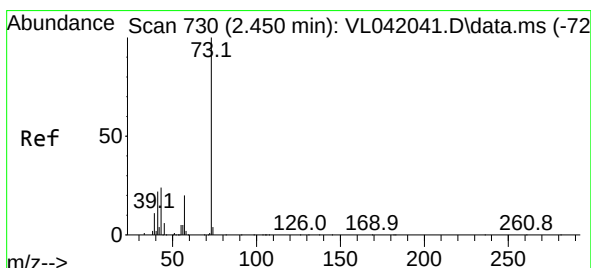
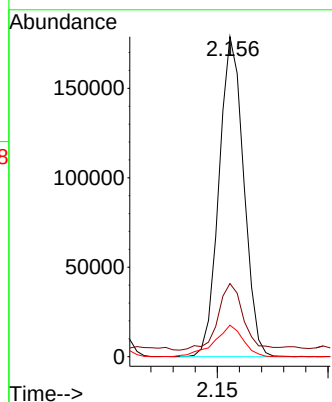
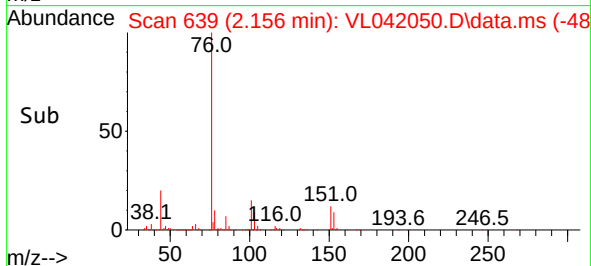
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 138544
Ion Ratio Lower Upper
76 100
44 23.5 16.2 24.2
78 11.5 9.4 14.0

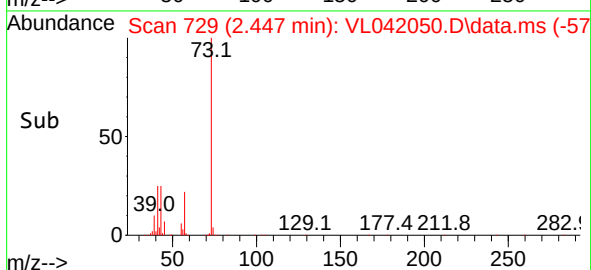
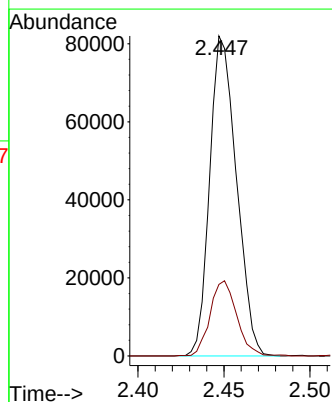
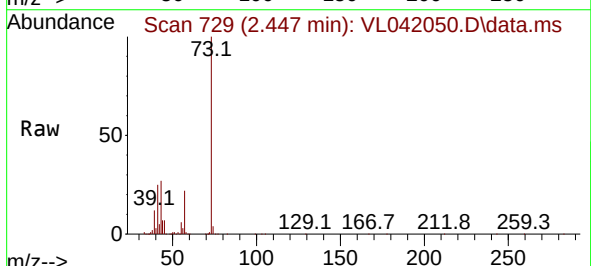
Manual Integrations
APPROVED

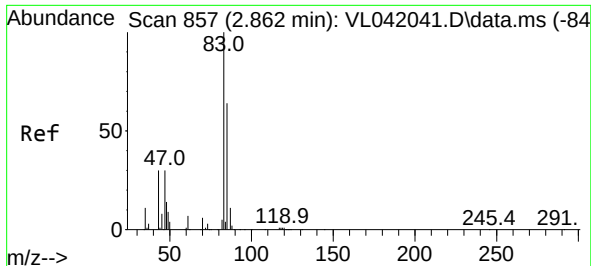
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#28
Methyl tert-Butyl Ether
Concen: 7.912 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Tgt Ion: 73 Resp: 88652
Ion Ratio Lower Upper
73 100
57 23.5 17.7 26.5





#29

Chloroform

Concen: 9.045 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 273992

Ion Ratio Lower Upper

83 100

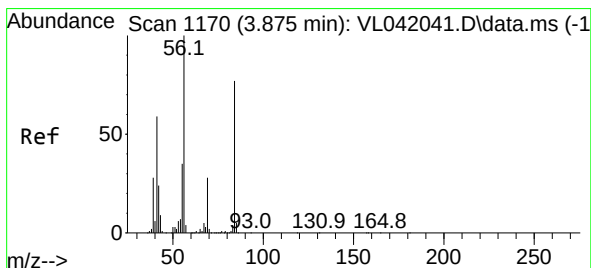
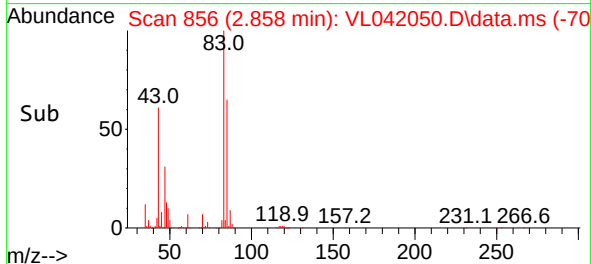
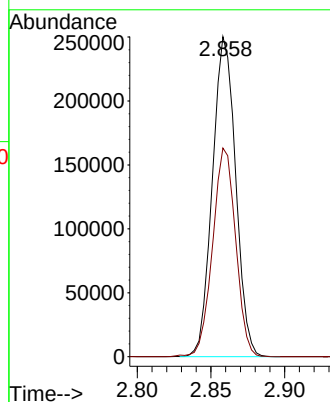
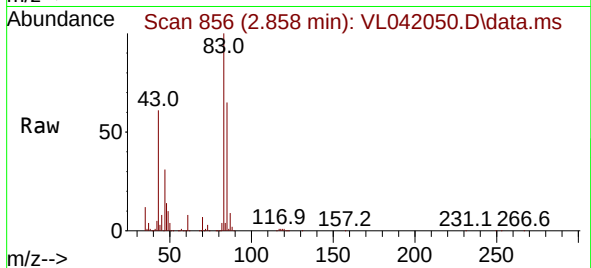
85 65.2 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#30

Cyclohexane

Concen: 9.162 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

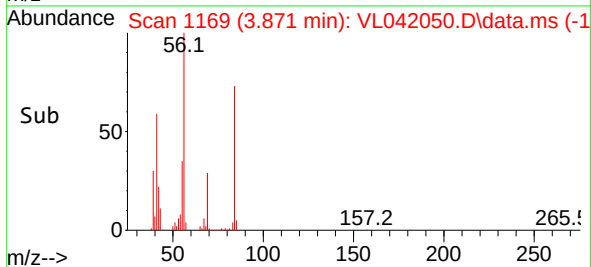
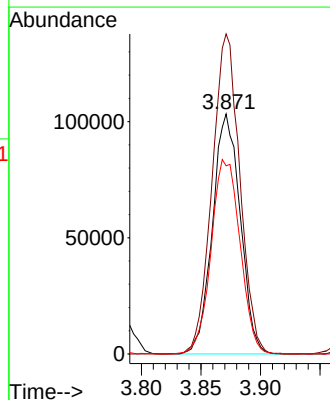
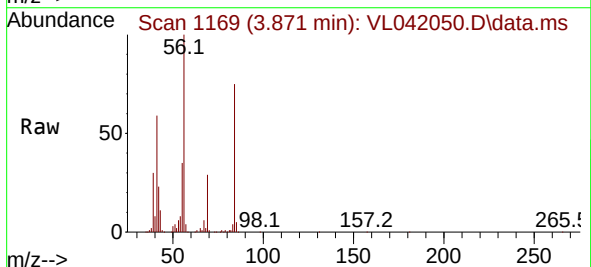
Tgt Ion: 84 Resp: 167364

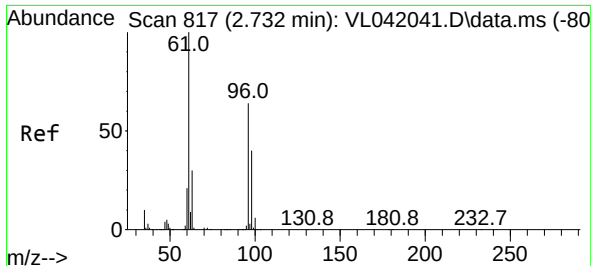
Ion Ratio Lower Upper

84 100

56 133.0 101.5 152.3

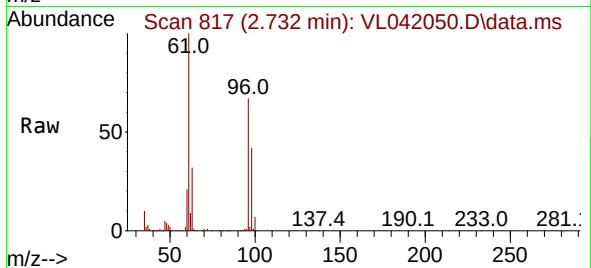
41 84.5 62.6 93.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.268 ppbv
 RT: 2.732 min Scan# 817
 Delta R.T. -0.000 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38

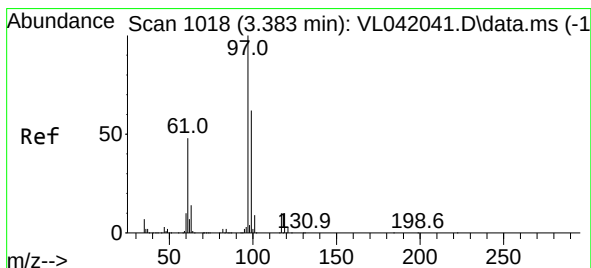
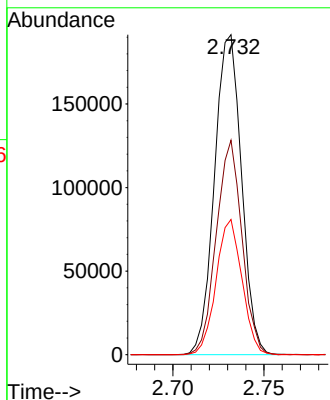
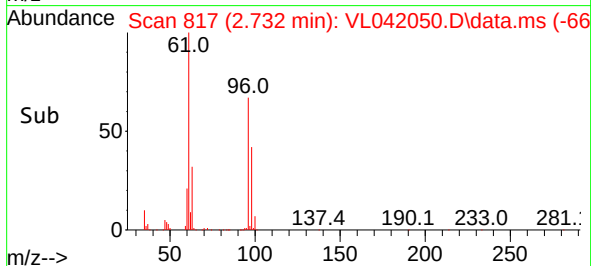
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



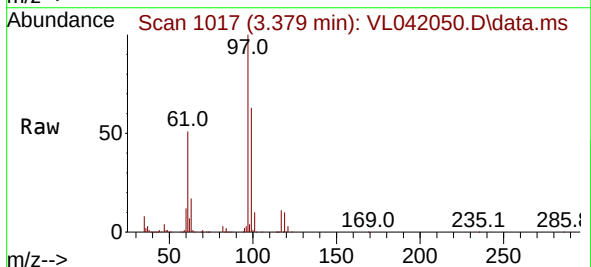
Tgt Ion: 61 Resp: 197460
 Ion Ratio Lower Upper
 61 100
 96 67.0 51.5 77.3
 98 42.2 32.0 48.0

Manual Integrations
 APPROVED

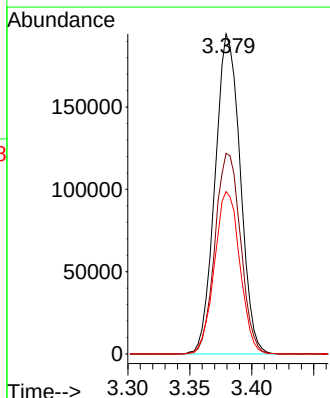
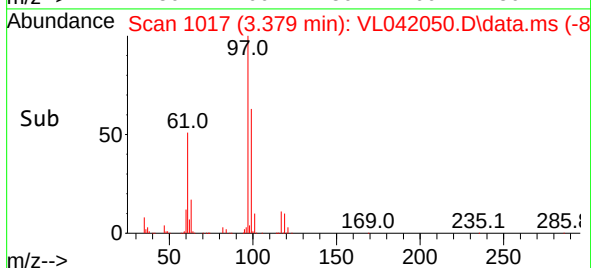
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

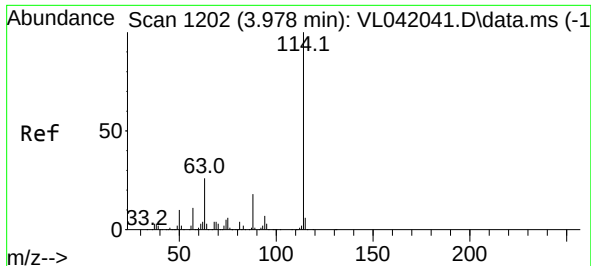


#32
 1,1,1-Trichloroethane
 Concen: 9.370 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. -0.003 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38



Tgt Ion: 97 Resp: 275336
 Ion Ratio Lower Upper
 97 100
 99 63.8 49.8 74.6
 61 51.3 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

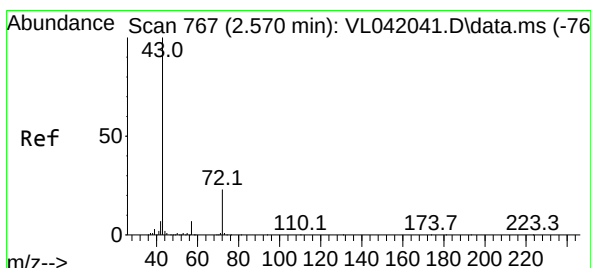
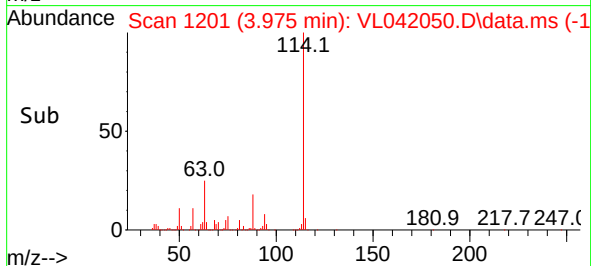
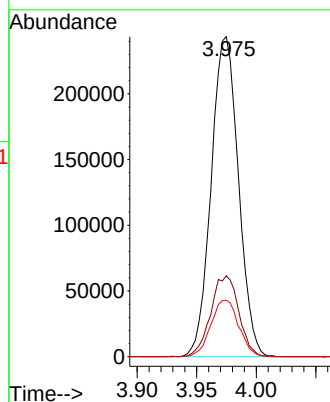
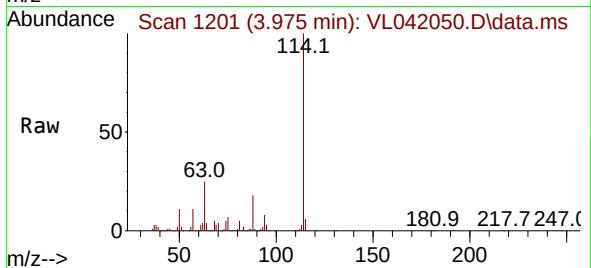
Tgt Ion:114 Resp: 387144

Ion	Ratio	Lower	Upper
114	100		
63	26.1	20.1	30.1
88	18.1	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#34

2-Butanone

Concen: 9.900 ppbv

RT: 2.567 min Scan# 766

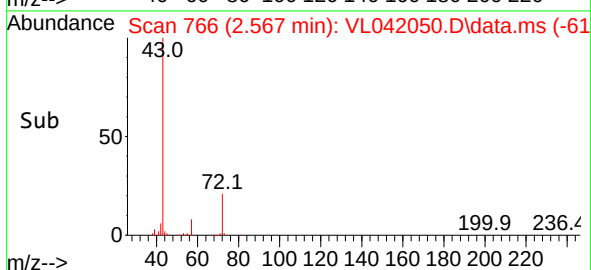
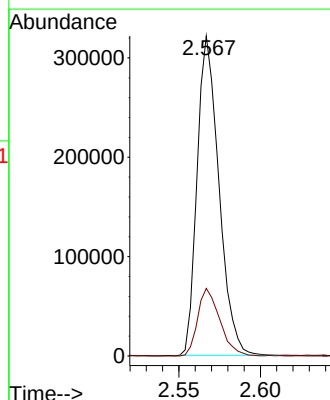
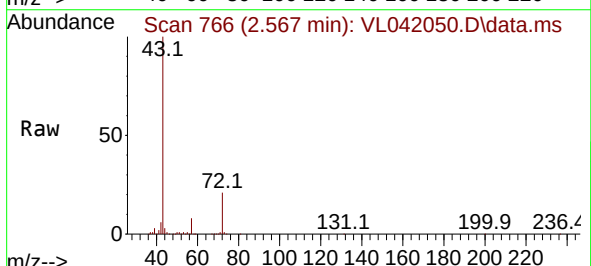
Delta R.T. -0.003 min

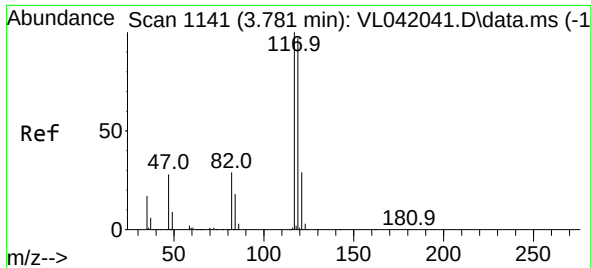
Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

Tgt Ion: 43 Resp: 298594

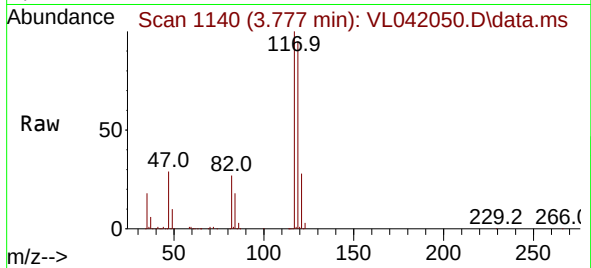
Ion	Ratio	Lower	Upper
43	100		
72	21.6	18.5	27.7





#35
Carbon Tetrachloride
Concen: 10.192 ppbv
RT: 3.777 min Scan# 1140
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

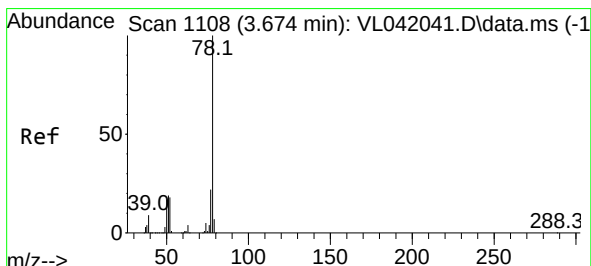
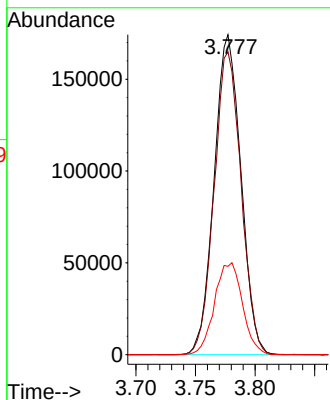
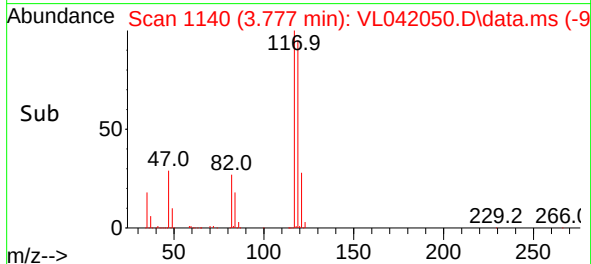
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



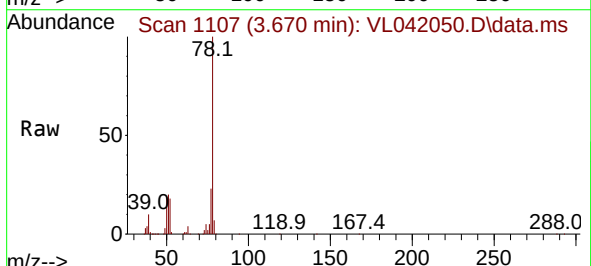
Tgt Ion:117 Resp: 27209
Ion Ratio Lower Upper
117 100
119 94.6 77.8 116.8
121 27.6 23.4 35.0

Manual Integrations
APPROVED

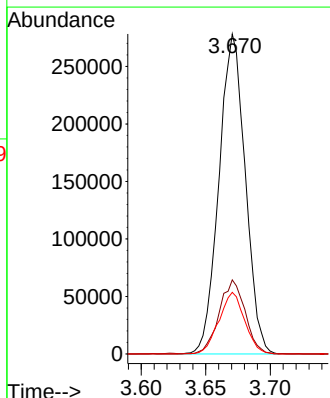
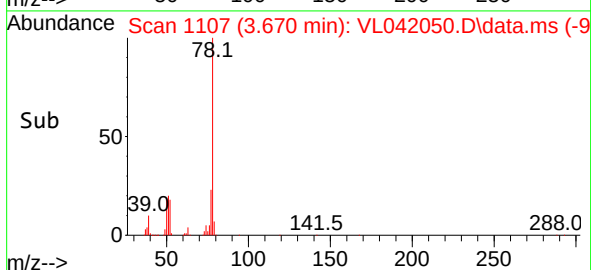
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

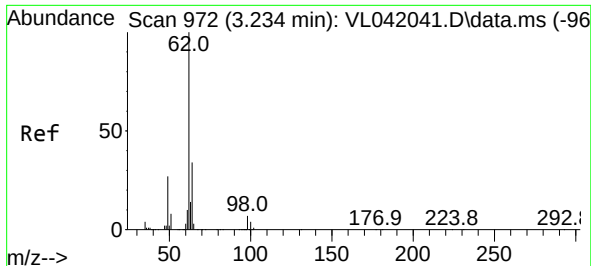


#36
Benzene
Concen: 9.734 ppbv
RT: 3.670 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



Tgt Ion: 78 Resp: 394494
Ion Ratio Lower Upper
78 100
77 23.0 17.7 26.5
50 19.3 13.9 20.9





#37

1,2-Dichloroethane

Concen: 9.995 ppbv

RT: 3.230 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 22458

Ion Ratio Lower Upper

62 100

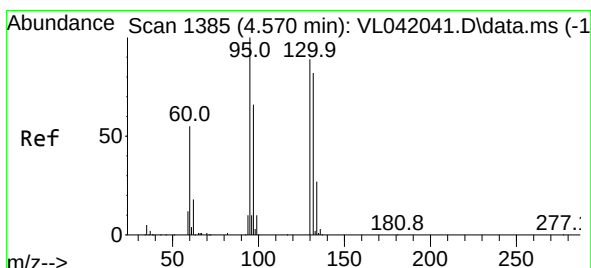
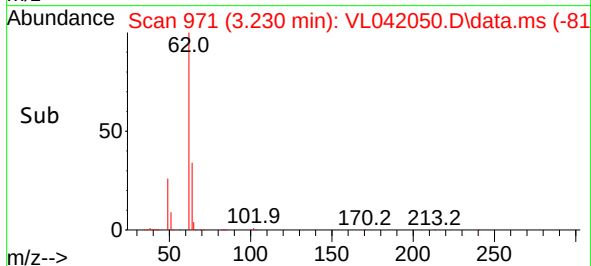
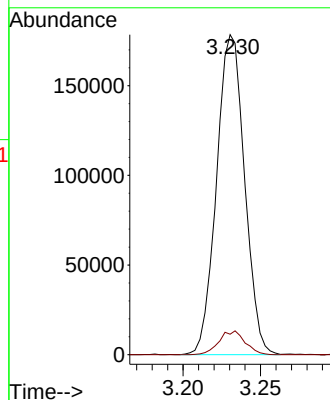
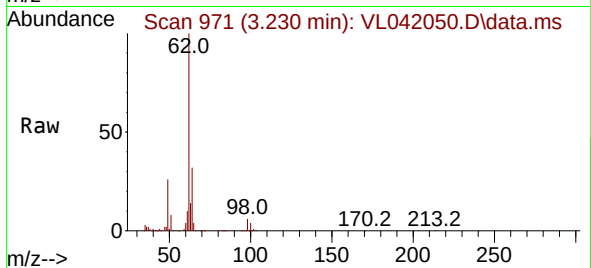
98 6.9 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#38

Trichloroethene

Concen: 9.005 ppbv

RT: 4.567 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

Tgt Ion:130 Resp: 149021

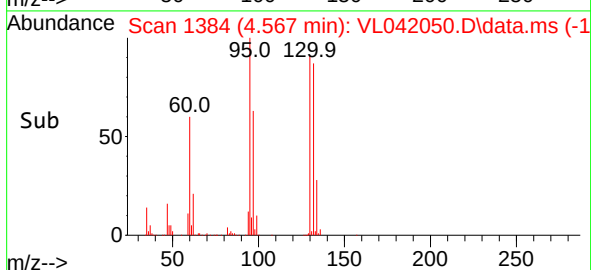
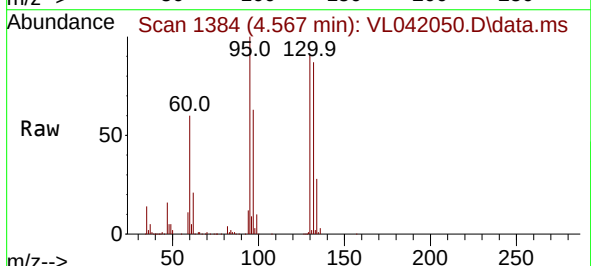
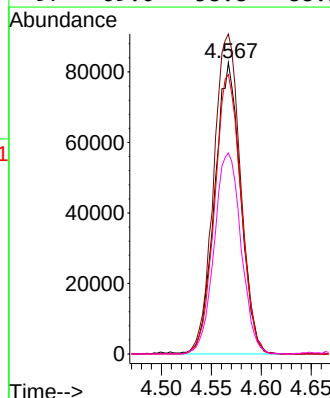
Ion Ratio Lower Upper

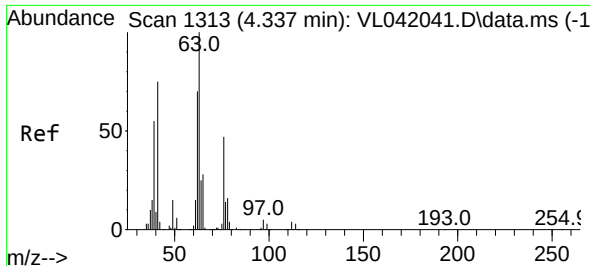
130 100

95 109.8 89.5 134.3

132 95.8 73.8 110.6

97 69.0 58.8 88.2





#39

1,2-Dichloropropane

Concen: 9.857 ppbv

RT: 4.331 min Scan# 1313

Delta R.T. -0.007 min

Lab File: VL042050.D

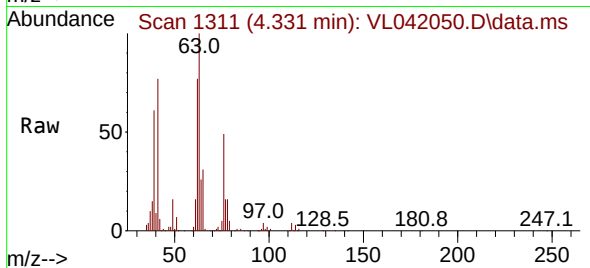
Acq: 26 Feb 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 63 Resp: 151620

Ion Ratio Lower Upper

63 100

41 76.8 60.1 90.1

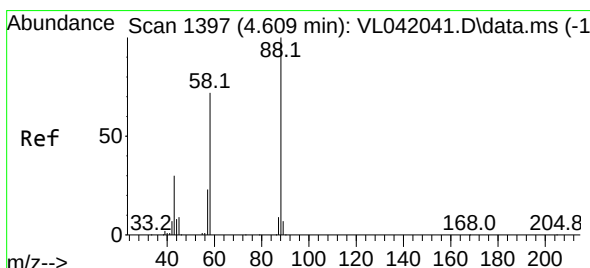
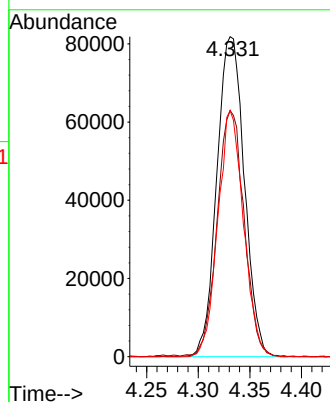
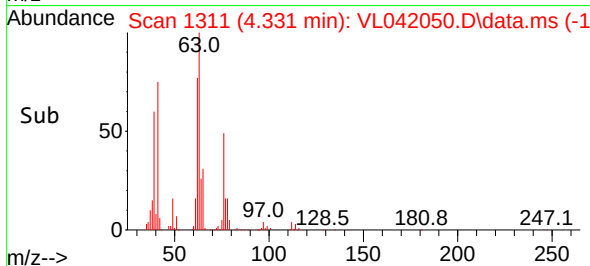
62 76.9 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#40

1,4-Dioxane

Concen: 9.775 ppbv

RT: 4.606 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

Tgt Ion: 88 Resp: 68639

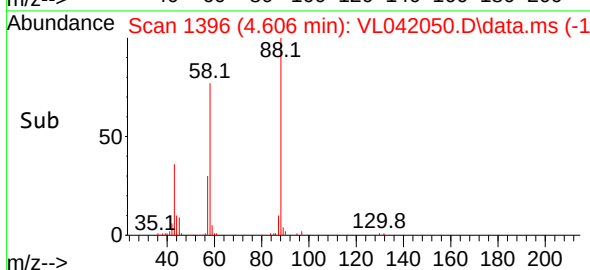
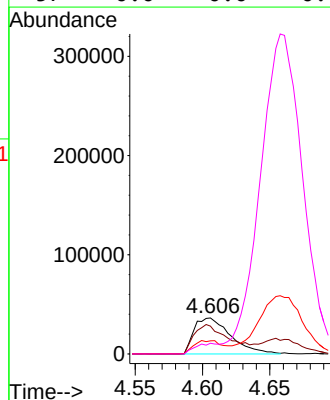
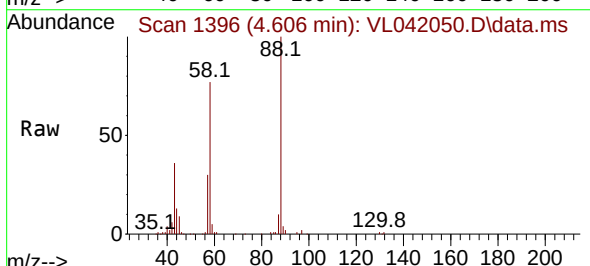
Ion Ratio Lower Upper

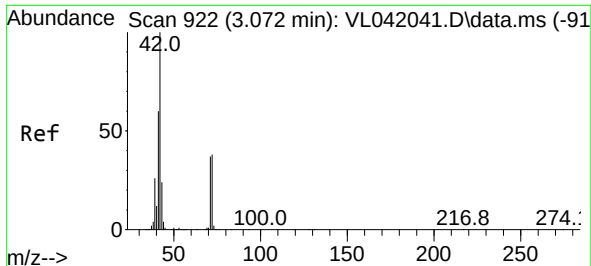
88 100

58 79.9 62.6 94.0

43 29.3 0.0 0.0#

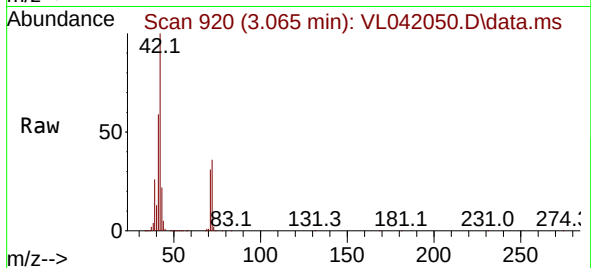
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.037 ppbv
RT: 3.065 min Scan# 91
Delta R.T. -0.007 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

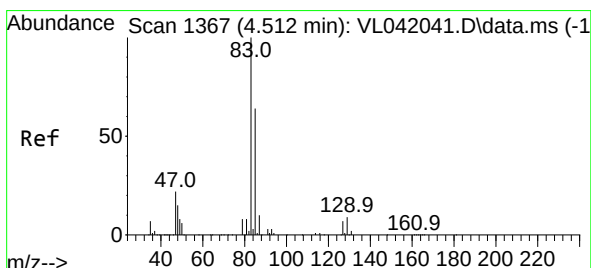
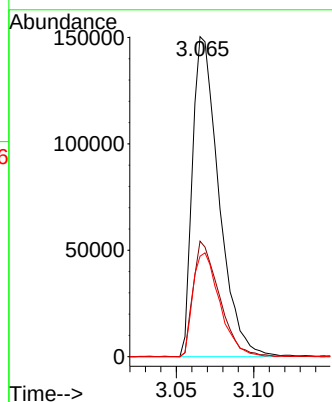
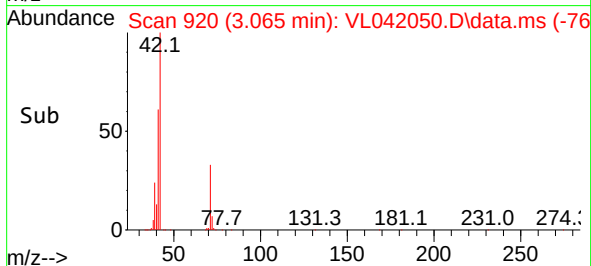
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 17887
Ion Ratio Lower Upper
42 100
72 35.8 30.2 45.2
71 33.2 28.2 42.4

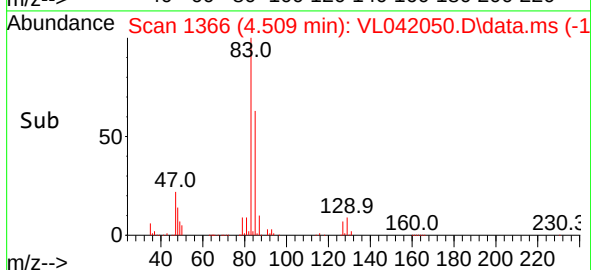
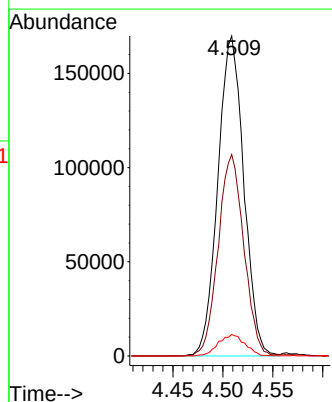
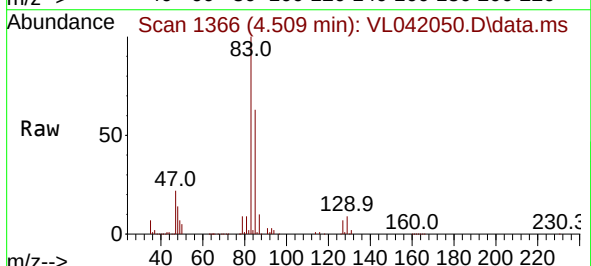
Manual Integrations
APPROVED

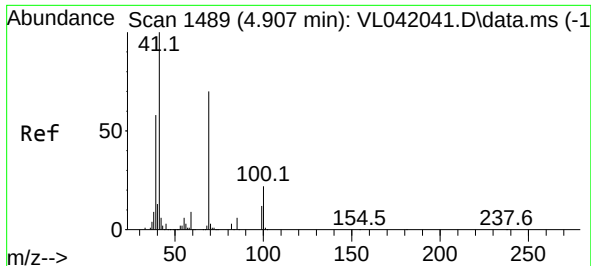
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#42
Bromodichloromethane
Concen: 10.124 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Tgt Ion: 83 Resp: 306517
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.2
127 6.7 5.8 8.6





#43

Methyl Methacrylate

Concen: 9.885 ppbv

RT: 4.900 min Scan# 1489

Delta R.T. -0.007 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 156460

Ion Ratio Lower Upper

69 100

41 153.6 118.2 177.4

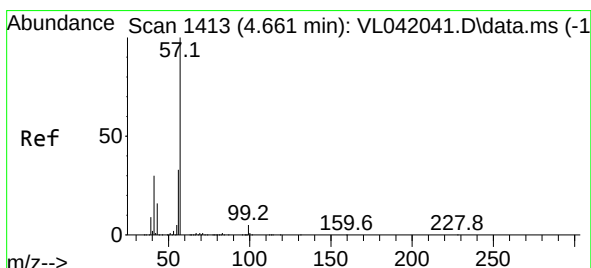
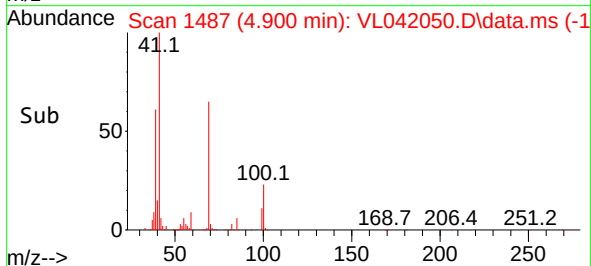
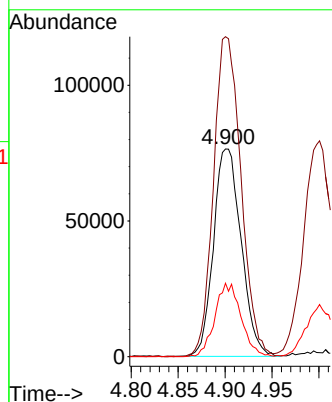
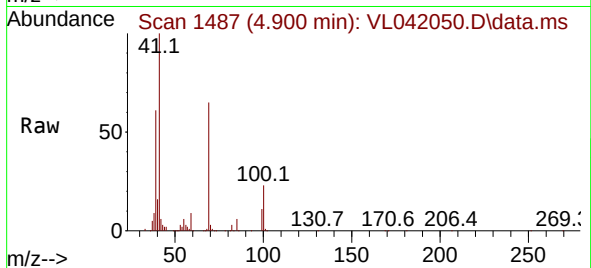
100 33.5 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#44

2,2,4-Trimethylpentane

Concen: 9.834 ppbv

RT: 4.658 min Scan# 1412

Delta R.T. -0.003 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

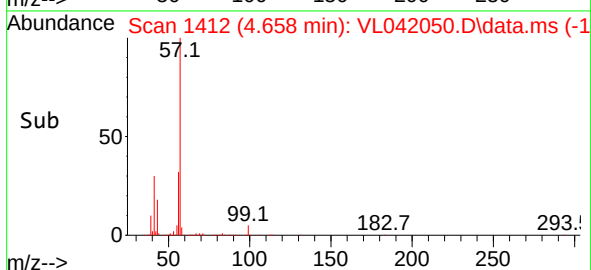
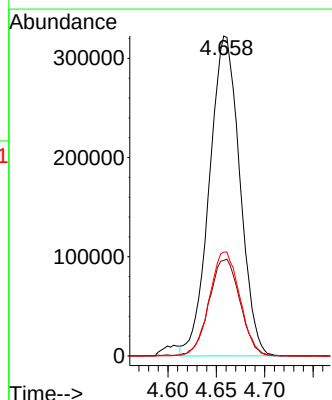
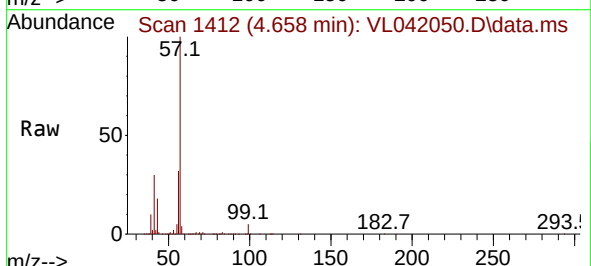
Tgt Ion: 57 Resp: 703370

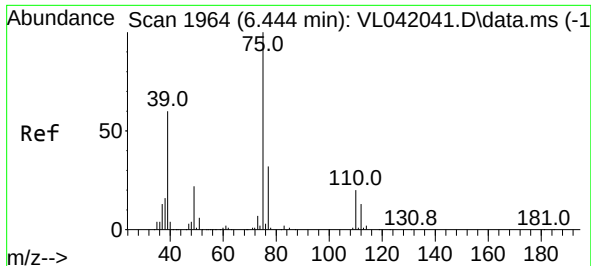
Ion Ratio Lower Upper

57 100

41 31.1 24.4 36.6

56 32.7 26.5 39.7





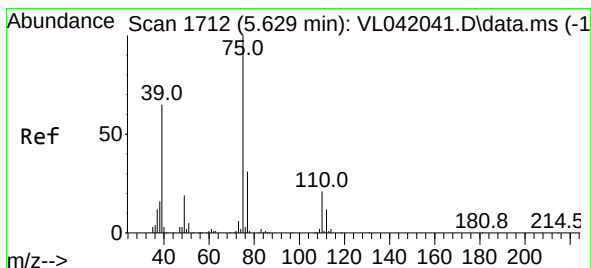
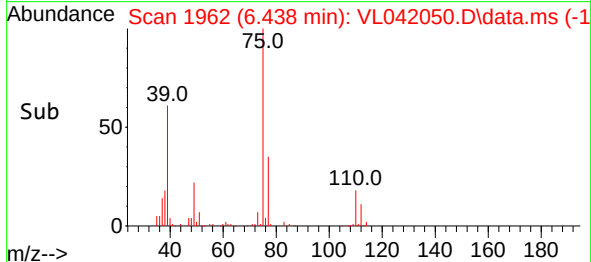
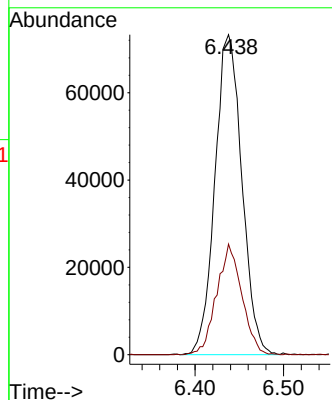
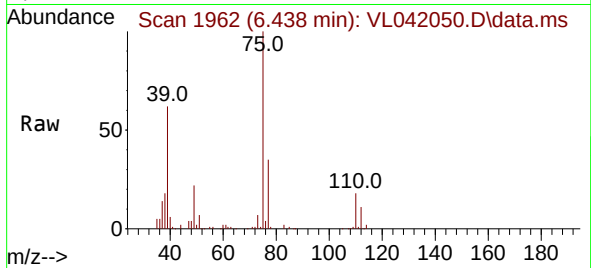
#45
 t-1,3-Dichloropropene
 Concen: 9.870 ppbv
 RT: 6.438 min Scan# 1964
 Delta R.T. -0.007 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 155197
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.9 38.9

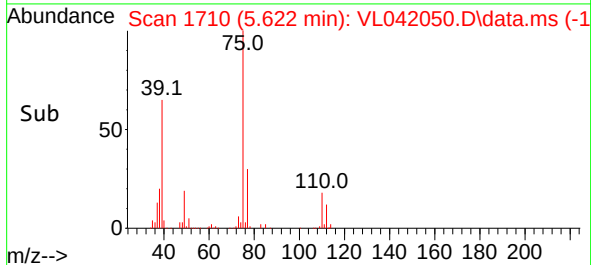
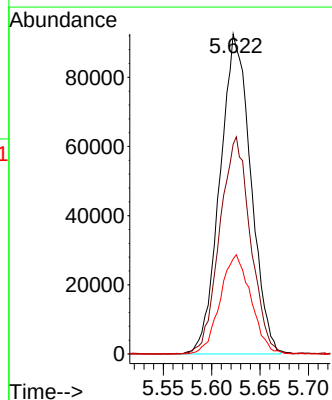
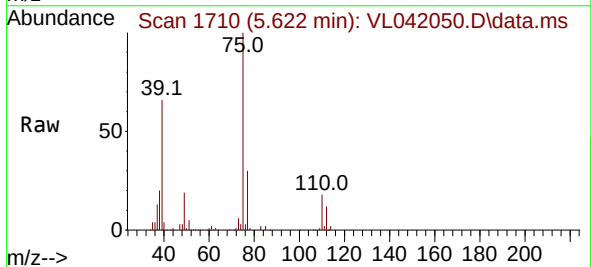
Manual Integrations
 APPROVED

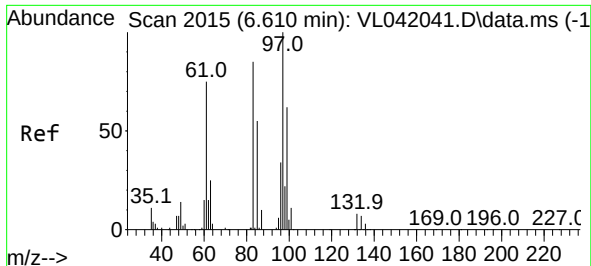
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.087 ppbv
 RT: 5.622 min Scan# 1710
 Delta R.T. -0.007 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38

Tgt Ion: 75 Resp: 205249
 Ion Ratio Lower Upper
 75 100
 39 65.4 51.9 77.9
 77 29.6 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 9.481 ppbv

RT: 6.603 min Scan# 2015

Delta R.T. -0.007 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 148058

Ion Ratio Lower Upper

97 100

83 88.1 68.1 102.1

85 52.6 44.0 66.0

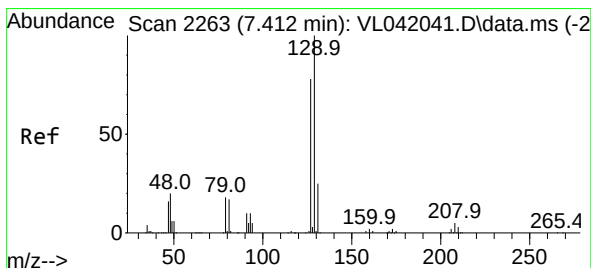
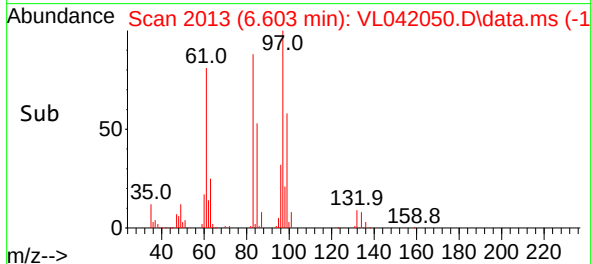
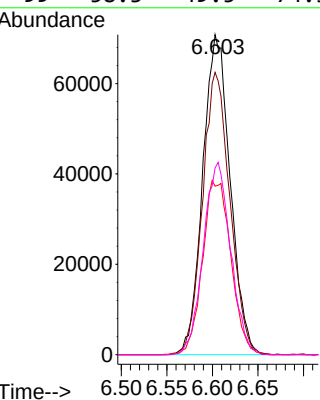
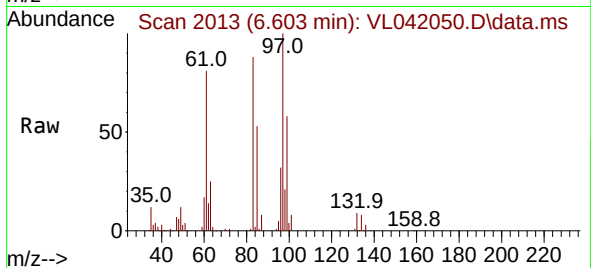
99 58.3 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#48

Dibromochloromethane

Concen: 9.825 ppbv

RT: 7.409 min Scan# 2262

Delta R.T. -0.003 min

Lab File: VL042050.D

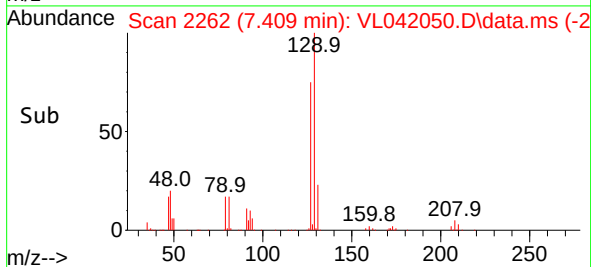
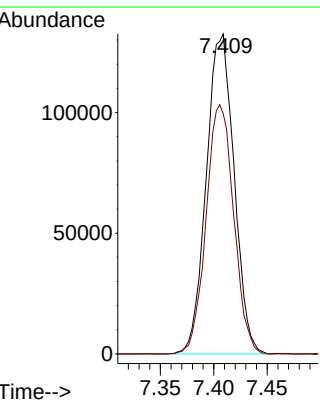
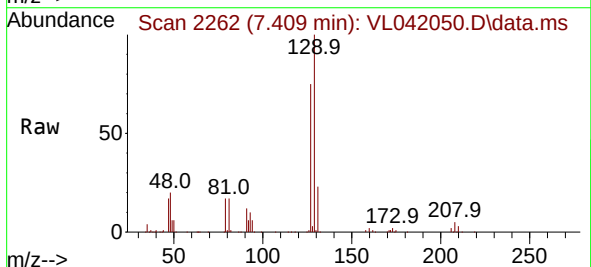
Acq: 26 Feb 2025 08:38

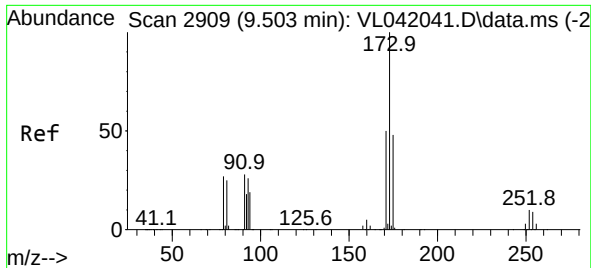
Tgt Ion:129 Resp: 240304

Ion Ratio Lower Upper

129 100

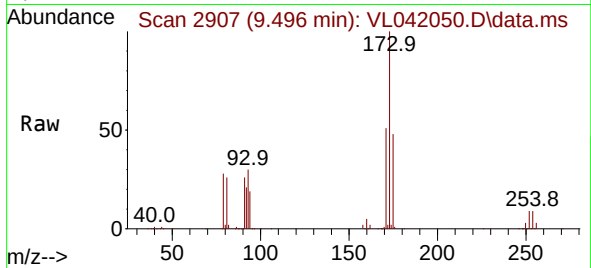
127 77.3 38.6 115.8





#49
Bromoform
Concen: 9.682 ppbv
RT: 9.496 min Scan# 2909
Delta R.T. -0.007 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

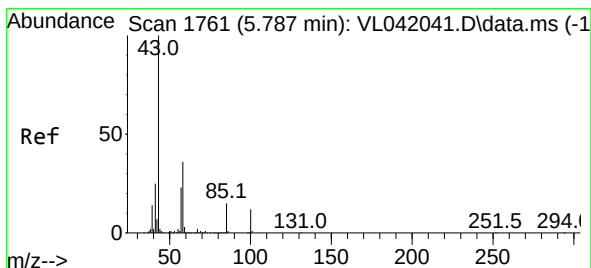
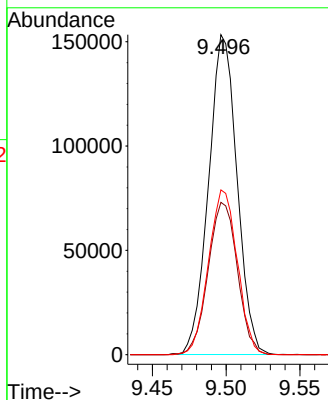
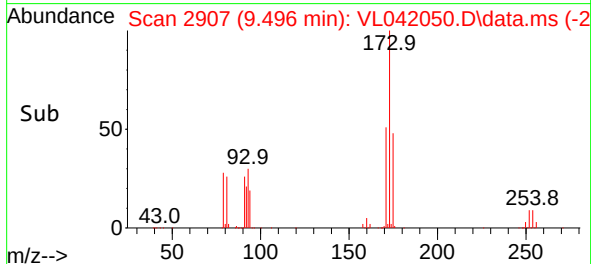
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



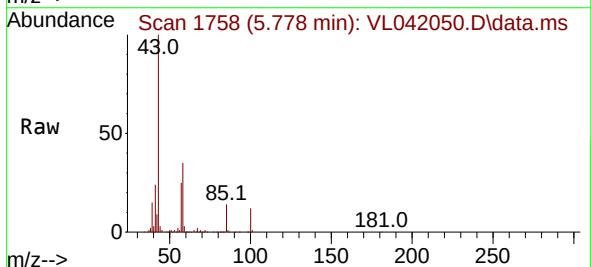
Tgt Ion:173 Resp: 205649
Ion Ratio Lower Upper
173 100
175 49.0 38.3 57.5
171 52.2 40.2 60.2

Manual Integrations
APPROVED

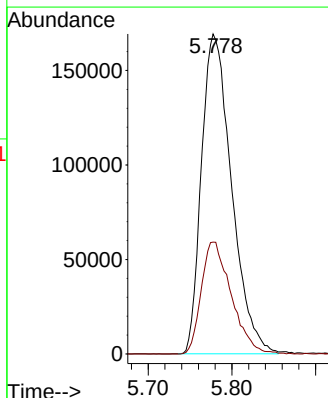
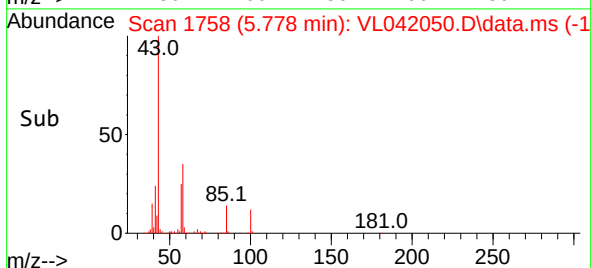
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

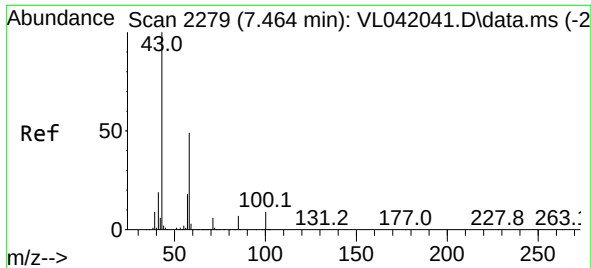


#50
4-Methyl-2-Pentanone
Concen: 10.851 ppbv
RT: 5.778 min Scan# 1758
Delta R.T. -0.010 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



Tgt Ion: 43 Resp: 423271
Ion Ratio Lower Upper
43 100
58 34.9 29.3 43.9





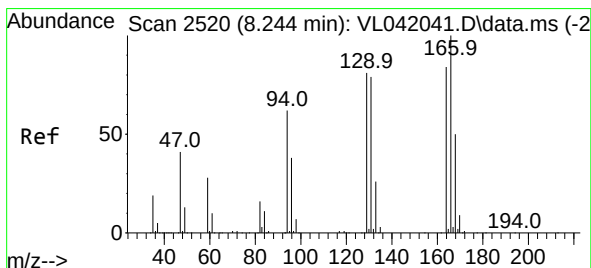
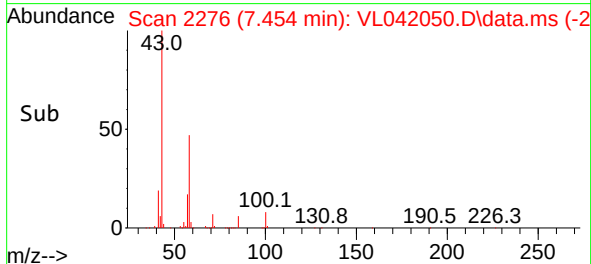
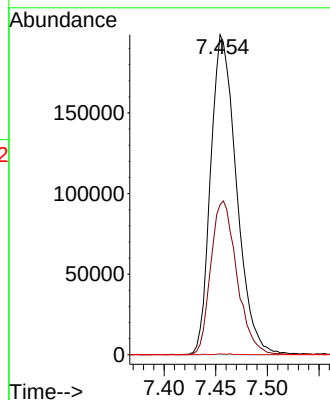
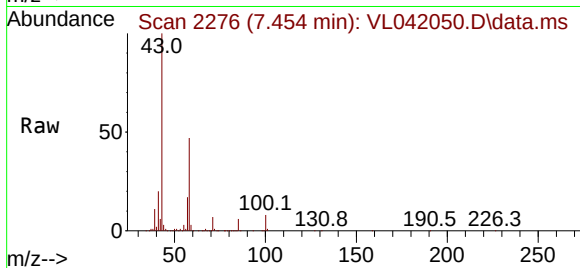
#51
2-Hexanone
Concen: 12.872 ppbv
RT: 7.454 min Scan# 2118
Delta R.T. -0.010 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 345562
Ion Ratio Lower Upper
43 100
58 48.7 39.0 58.6
98 0.2 0.1 0.1

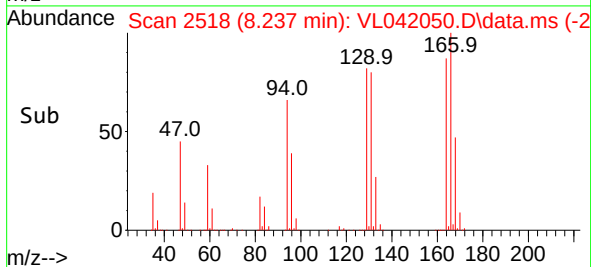
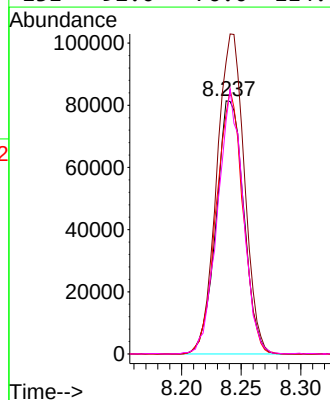
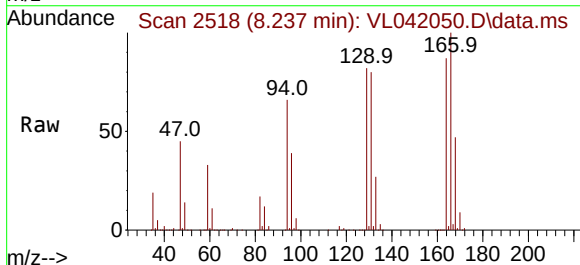
Manual Integrations
APPROVED

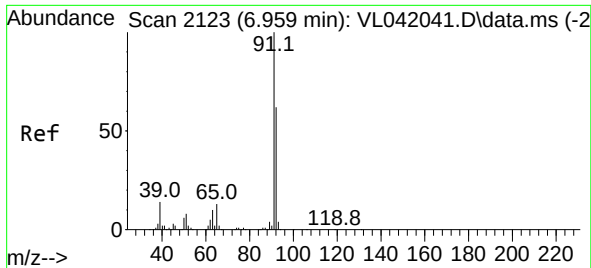
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#52
Tetrachloroethene
Concen: 9.454 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. -0.007 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Tgt Ion:164 Resp: 131164
Ion Ratio Lower Upper
164 100
166 115.4 95.7 143.5
129 94.9 77.1 115.7
131 92.0 76.0 114.0





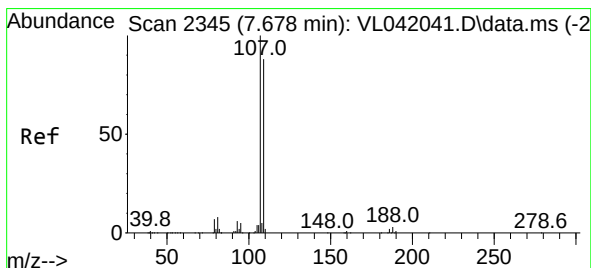
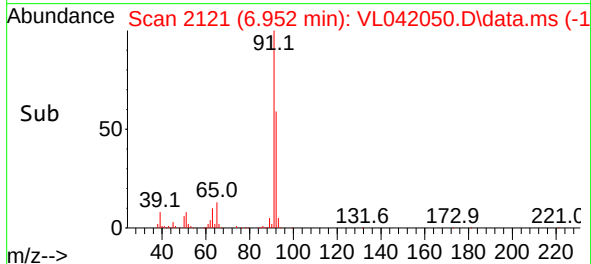
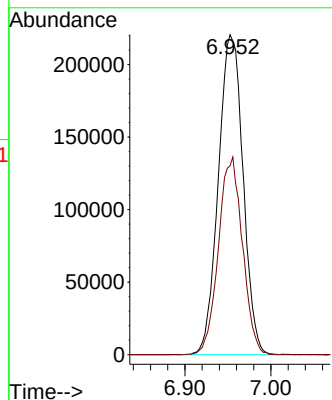
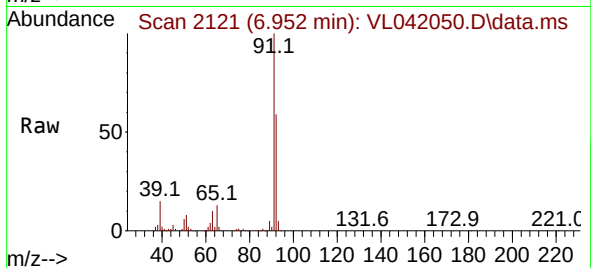
#53
Toluene
Concen: 9.706 ppbv
RT: 6.952 min Scan# 2123
Delta R.T. -0.007 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 439634
Ion Ratio Lower Upper
91 100
92 60.1 49.0 73.6

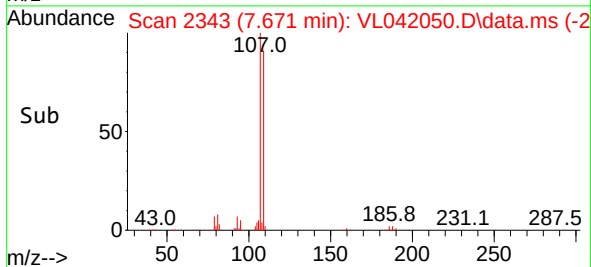
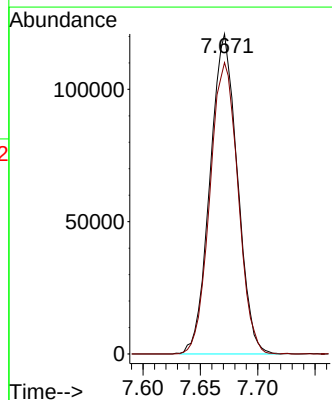
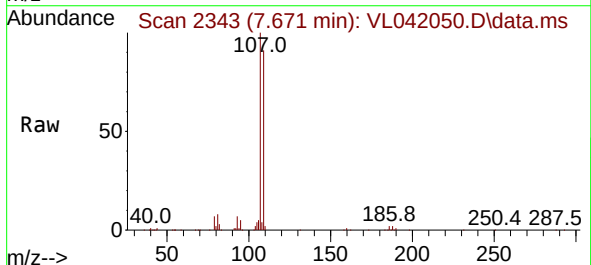
Manual Integrations
APPROVED

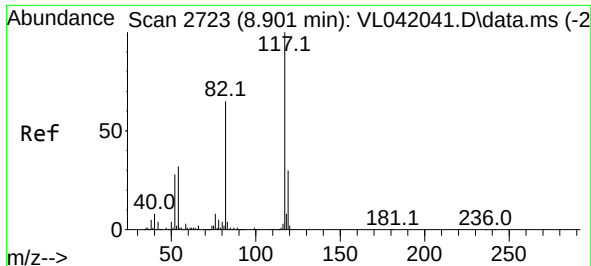
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#54
1,2-Dibromoethane
Concen: 9.507 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. -0.007 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

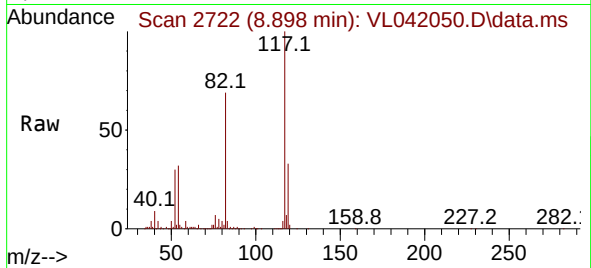
Tgt Ion:107 Resp: 200726
Ion Ratio Lower Upper
107 100
109 91.0 70.2 105.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

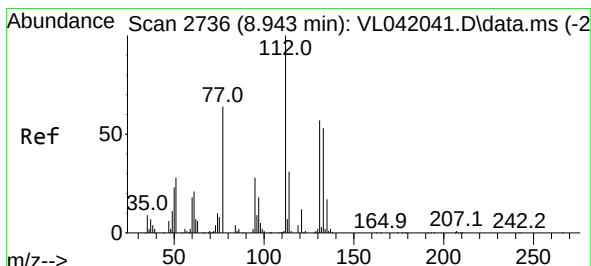
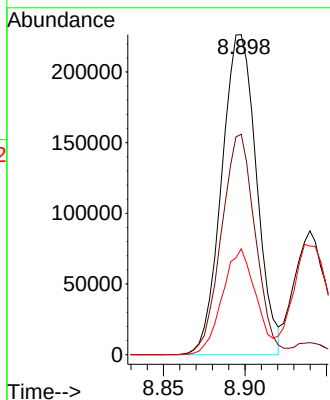
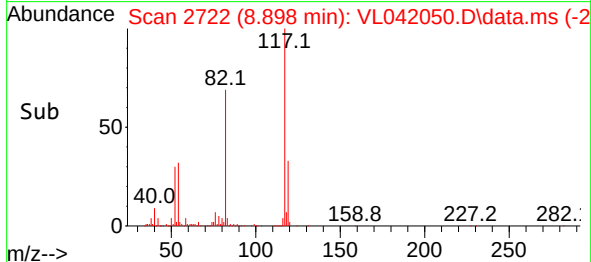
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



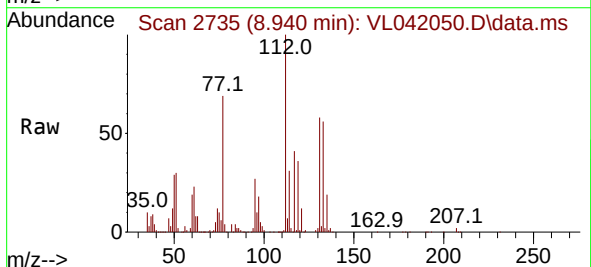
Tgt Ion:117 Resp: 336130
Ion Ratio Lower Upper
117 100
82 70.5 55.0 82.6
119 31.8 25.9 38.9

Manual Integrations
APPROVED

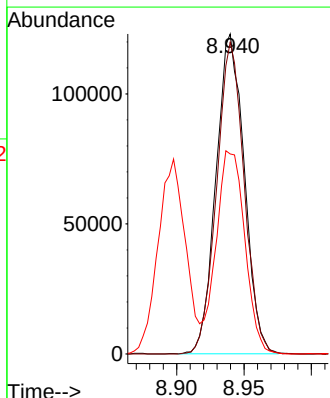
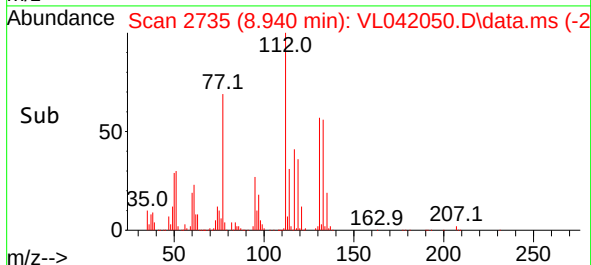
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

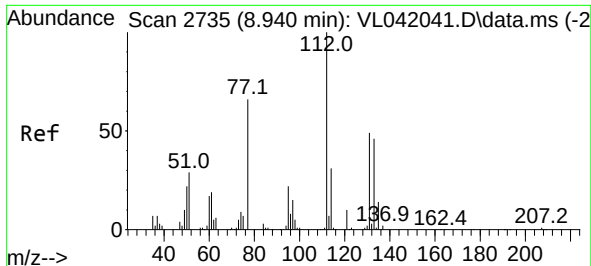


#56
1,1,1,2-Tetrachloroethane
Concen: 9.415 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



Tgt Ion:131 Resp: 178871
Ion Ratio Lower Upper
131 100
133 95.1 75.8 113.8
119 64.9 52.1 78.1





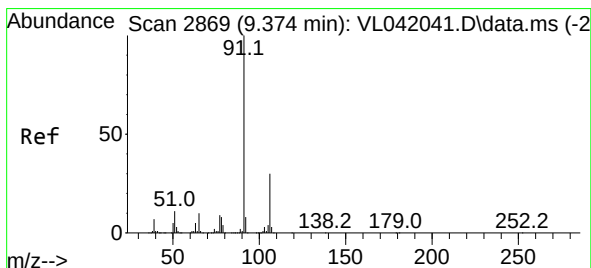
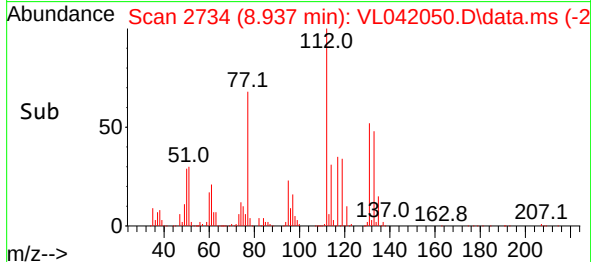
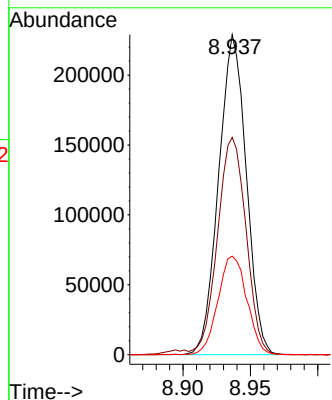
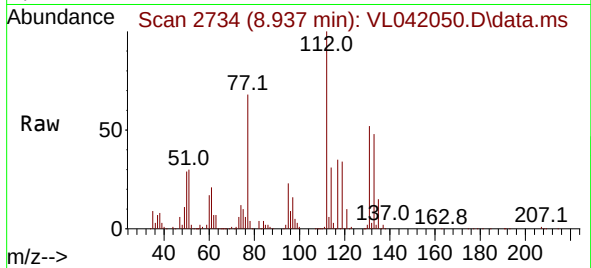
#57
Chlorobenzene
Concen: 9.377 ppbv
RT: 8.937 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 32680
Ion Ratio Lower Upper
112 100
77 67.7 53.4 80.2
114 30.7 28.3 34.5

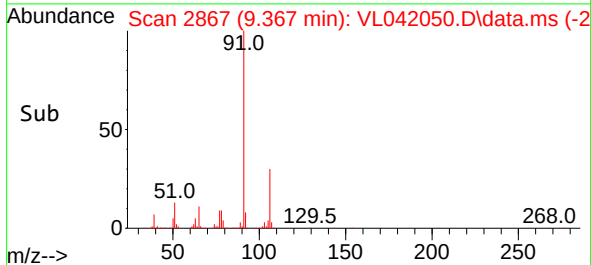
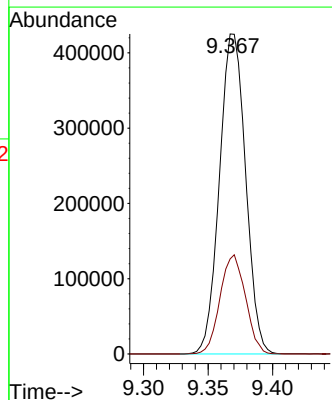
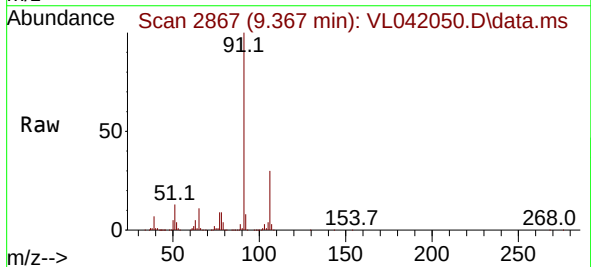
Manual Integrations
APPROVED

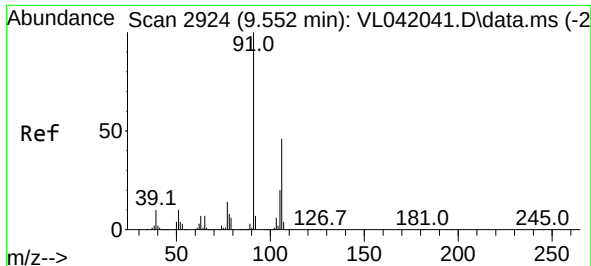
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#58
Ethyl Benzene
Concen: 9.664 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.007 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Tgt Ion: 91 Resp: 598242
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2





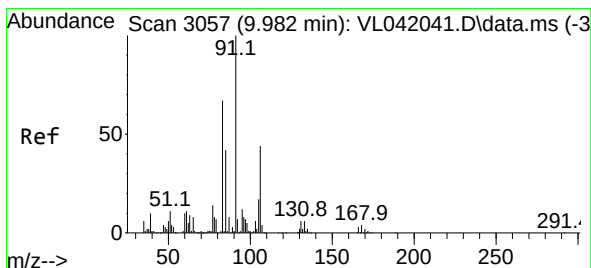
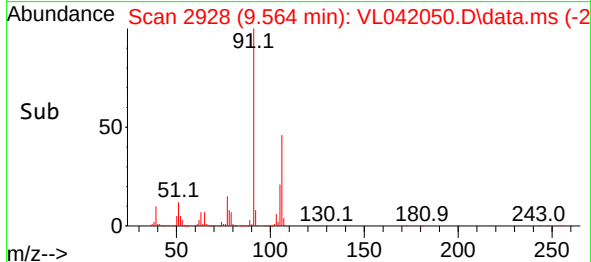
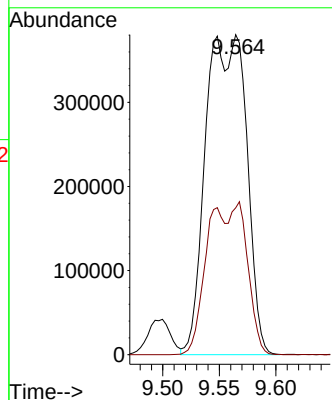
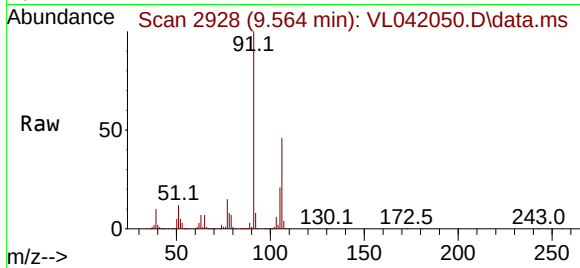
#59
m/p-Xylene
Concen: 19.427 ppbv m
RT: 9.564 min Scan# 2924
Delta R.T. 0.013 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 95702
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

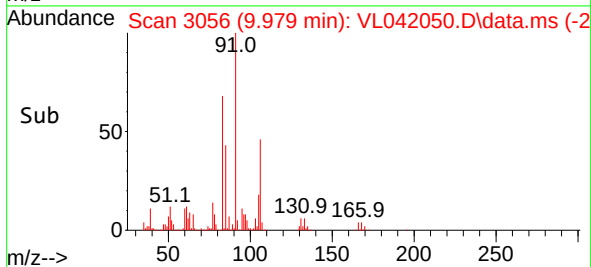
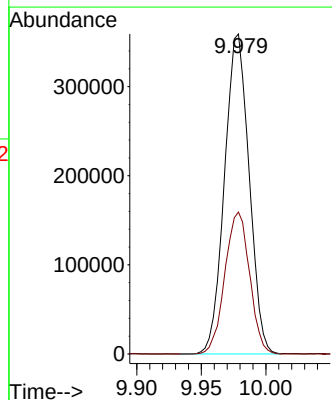
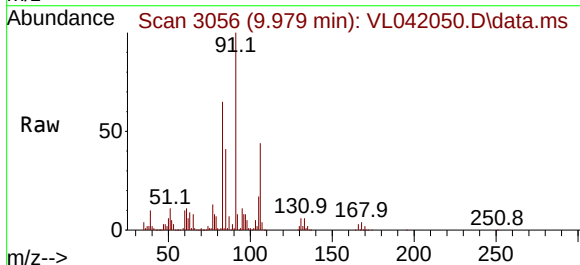
Manual Integrations
APPROVED

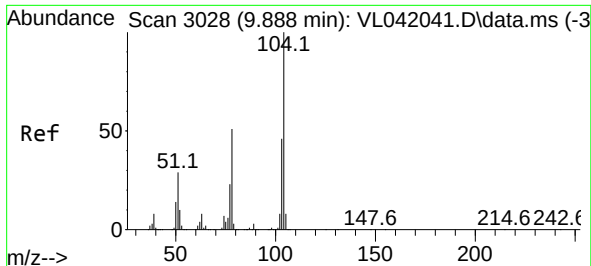
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#60
o-Xylene
Concen: 9.608 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

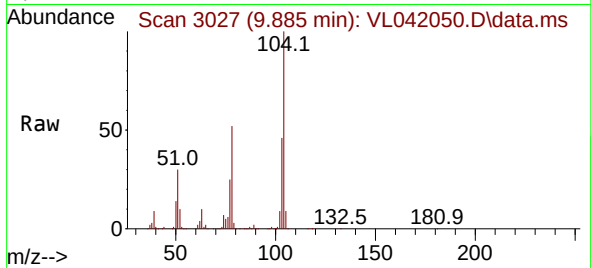
Tgt Ion: 91 Resp: 475848
Ion Ratio Lower Upper
91 100
106 44.6 22.3 66.8





#61
Styrene
Concen: 9.927 ppbv
RT: 9.885 min Scan# 3028
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

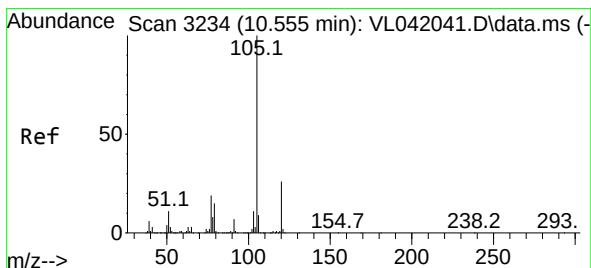
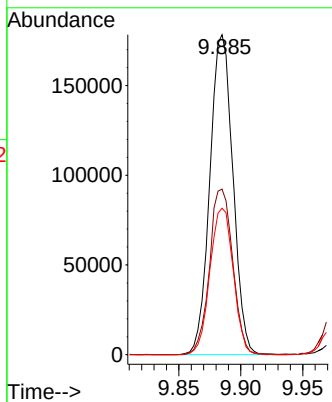
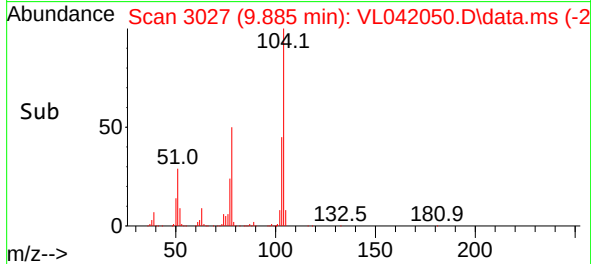
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



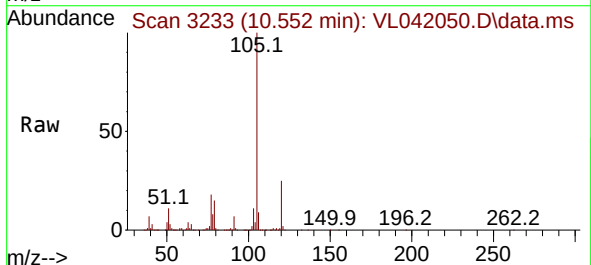
Tgt Ion:104 Resp: 23113
Ion Ratio Lower Upper
104 100
78 52.3 41.0 61.4
103 46.4 37.0 55.6

Manual Integrations
APPROVED

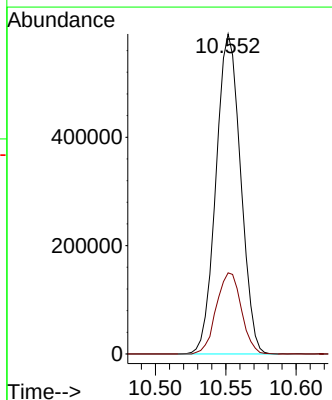
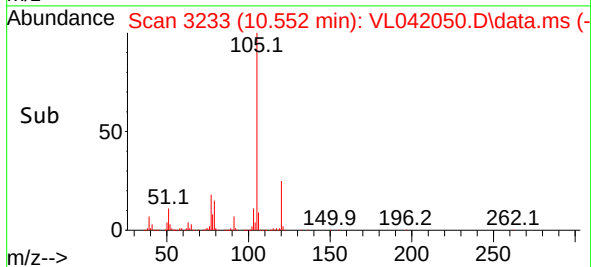
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

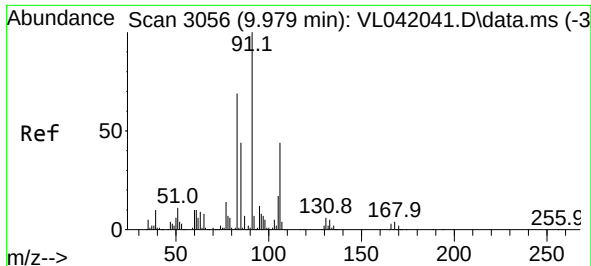


#62
Isopropylbenzene
Concen: 9.692 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



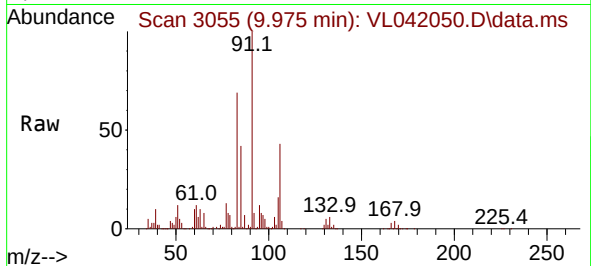
Tgt Ion:105 Resp: 718826
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.572 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

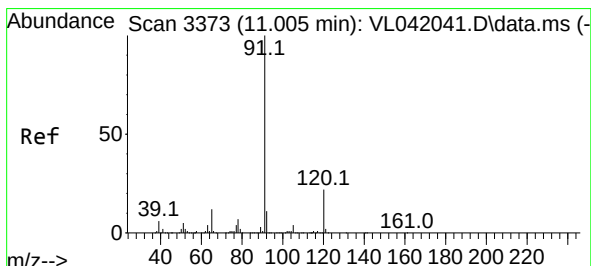
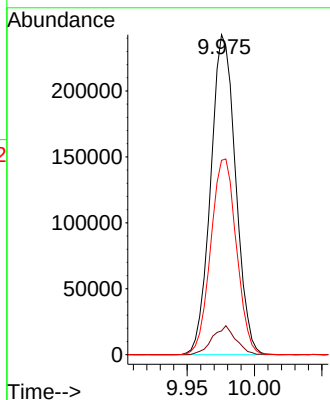
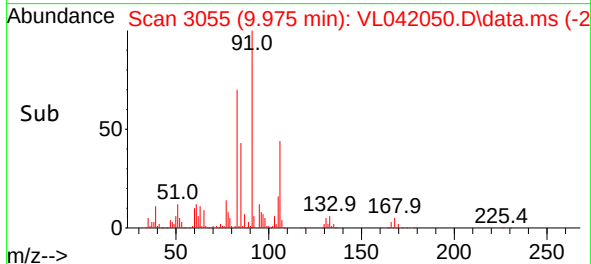
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



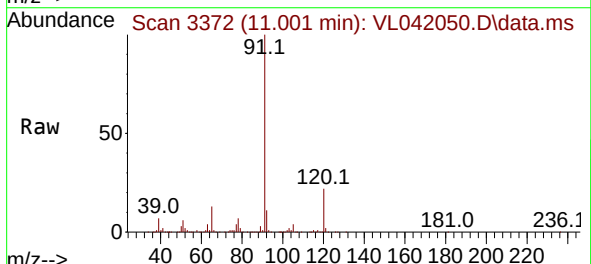
Tgt Ion: 83 Resp: 31219
Ion Ratio Lower Upper
83 100
131 8.5 4.5 13.7
85 63.0 32.1 96.3

Manual Integrations
APPROVED

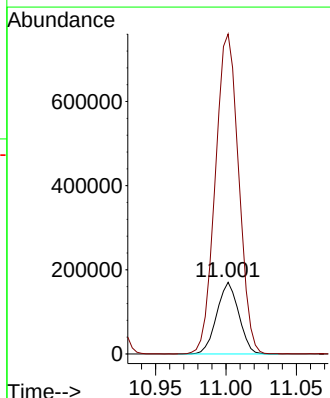
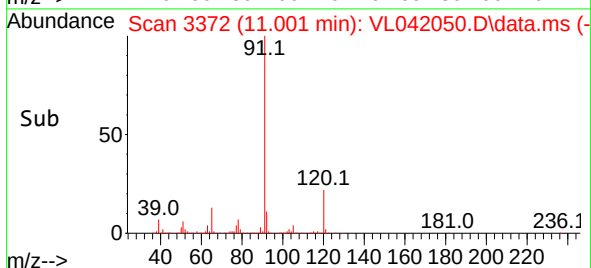
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

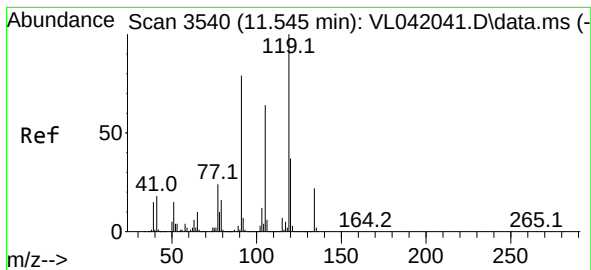


#64
n-propylbenzene
Concen: 9.513 ppbv
RT: 11.001 min Scan# 3372
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



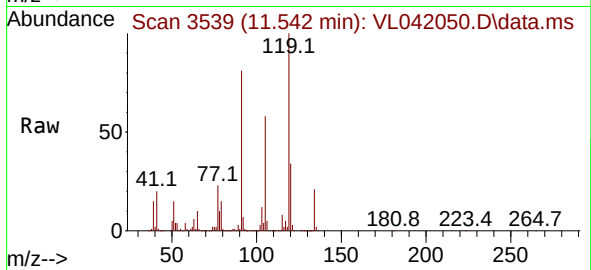
Tgt Ion:120 Resp: 185068
Ion Ratio Lower Upper
120 100
91 476.7 370.6 556.0





#65
tert-Butylbenzene
Concen: 9.160 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

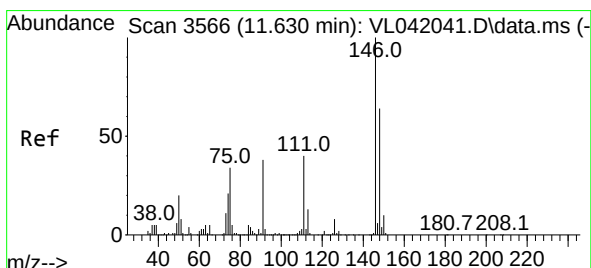
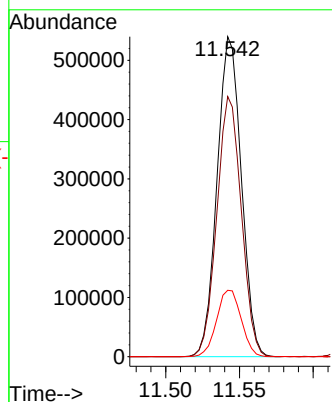
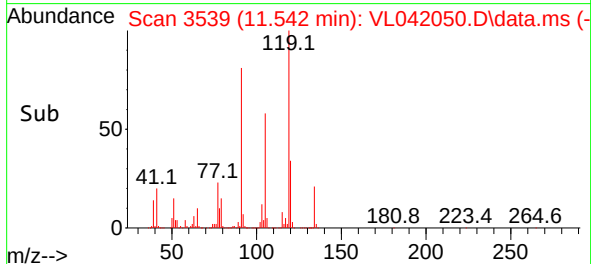
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



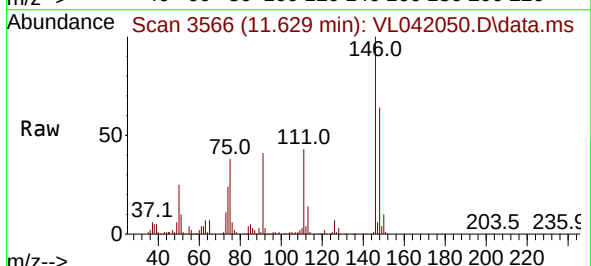
Tgt Ion: 119 Resp: 618290
Ion Ratio Lower Upper
119 100
91 82.0 64.2 96.2
134 21.0 17.4 26.2

Manual Integrations
APPROVED

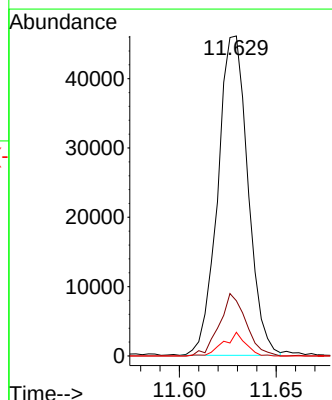
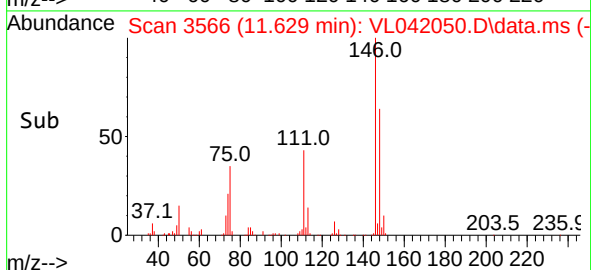
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

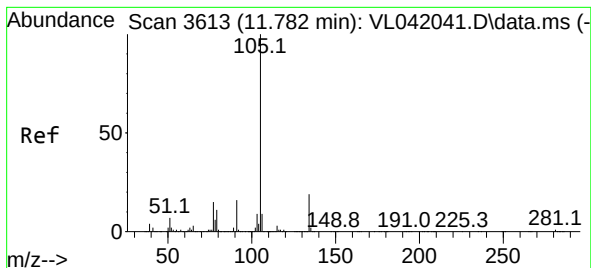


#66
Benzyl Chloride
Concen: 9.678 ppbv
RT: 11.629 min Scan# 3566
Delta R.T. -0.000 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



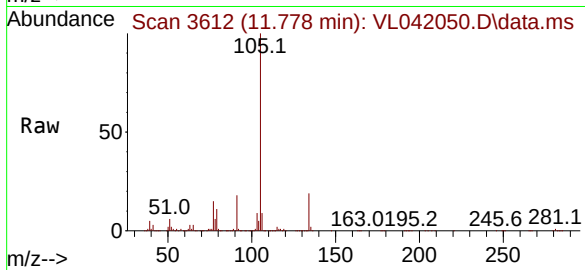
Tgt Ion: 91 Resp: 49850
Ion Ratio Lower Upper
91 100
126 17.3 14.5 21.7
128 5.5 5.4 8.2





#67
 sec-Butylbenzene
 Concen: 9.229 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. -0.003 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38

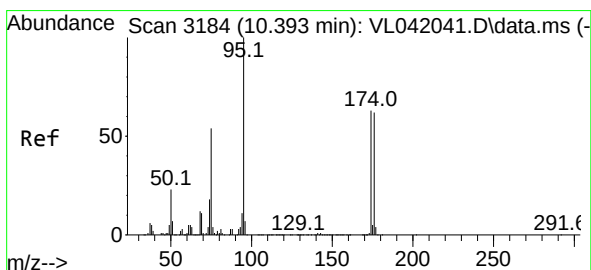
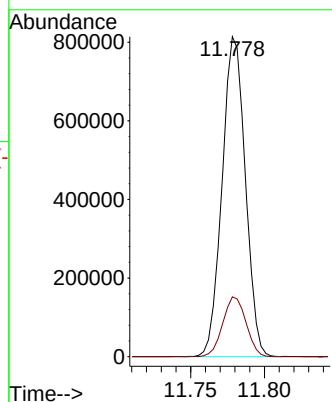
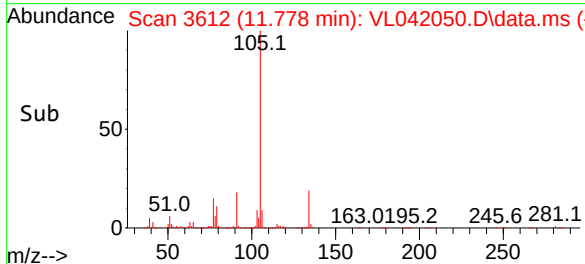
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



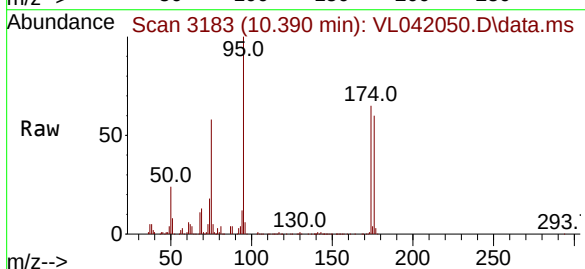
Tgt Ion:105 Resp: 890927
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.9 22.3

Manual Integrations
 APPROVED

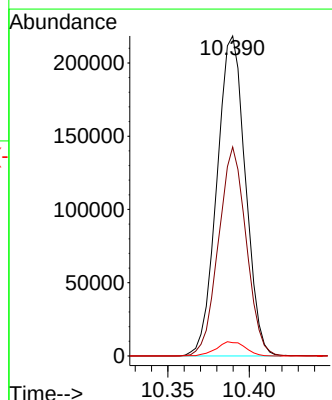
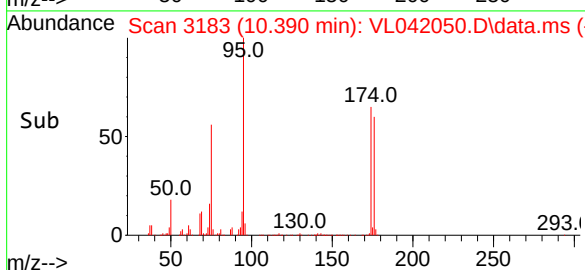
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

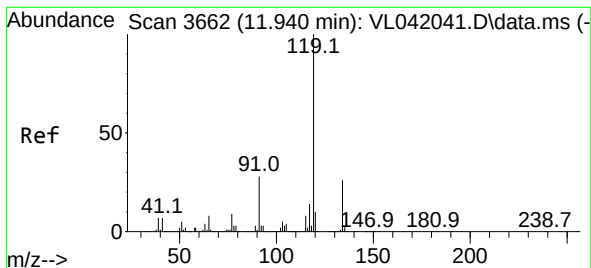


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.233 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.003 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38



Tgt Ion: 95 Resp: 264623
 Ion Ratio Lower Upper
 95 100
 174 63.7 51.8 77.6
 175 4.6 3.9 5.9





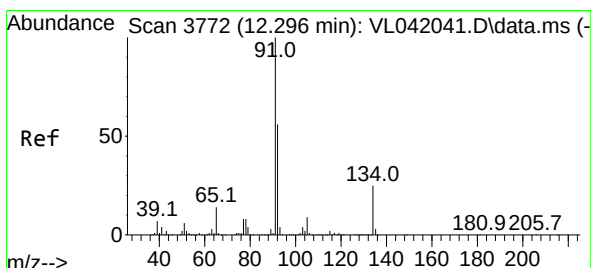
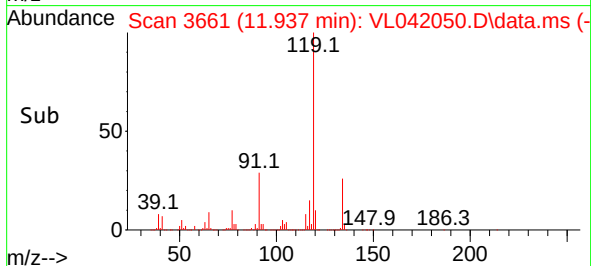
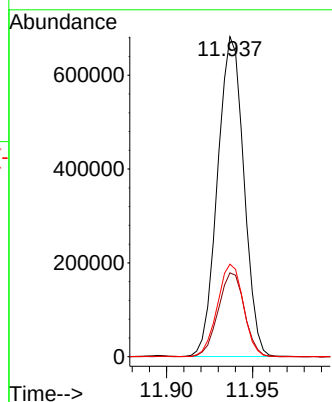
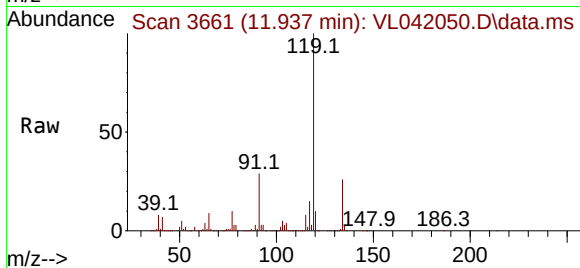
#69
p-Isopropyltoluene
Concen: 9.435 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 724678
Ion Ratio Lower Upper
119 100
134 26.2 20.9 31.3
91 28.8 23.1 34.7

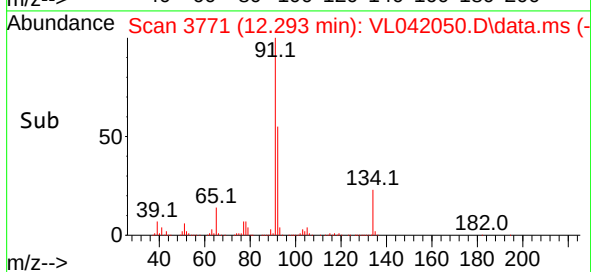
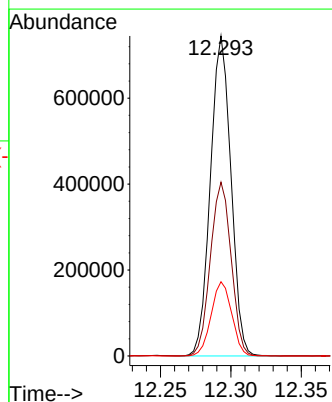
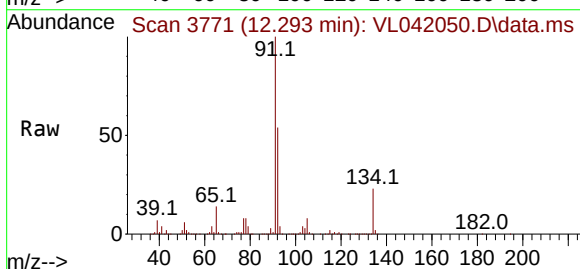
Manual Integrations
APPROVED

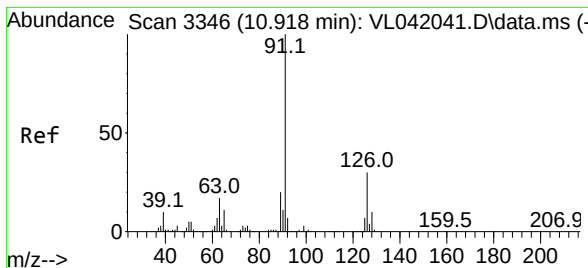
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#70
n-Butylbenzene
Concen: 9.648 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Tgt Ion: 91 Resp: 756366
Ion Ratio Lower Upper
91 100
92 55.0 44.7 67.1
134 23.2 18.9 28.3





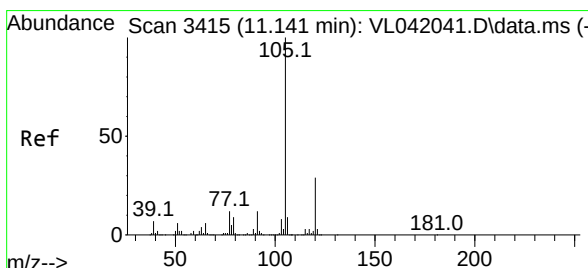
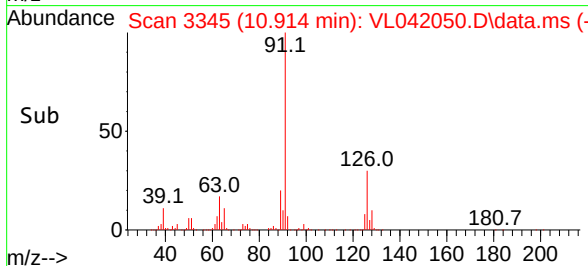
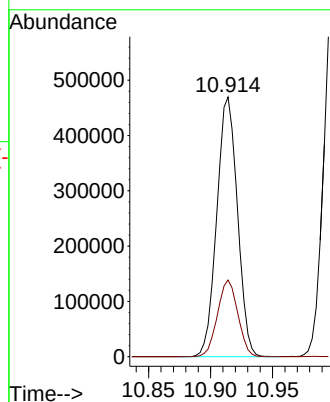
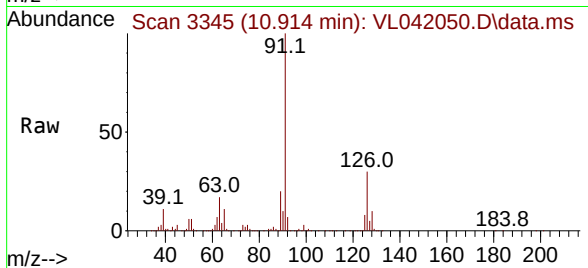
#71
2-Chlorotoluene
Concen: 9.541 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 545538
Ion Ratio Lower Upper
91 100
126 29.0 11.9 47.5

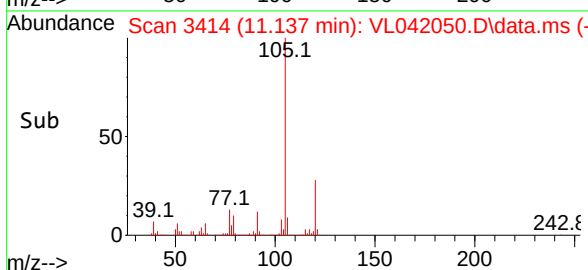
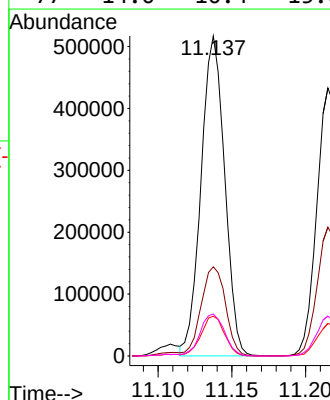
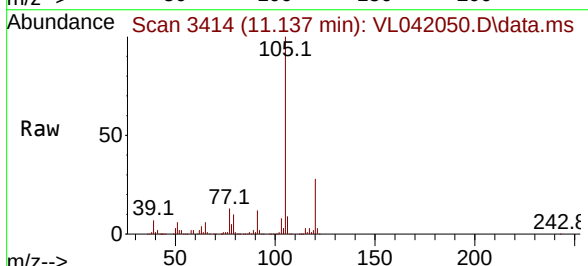
Manual Integrations
APPROVED

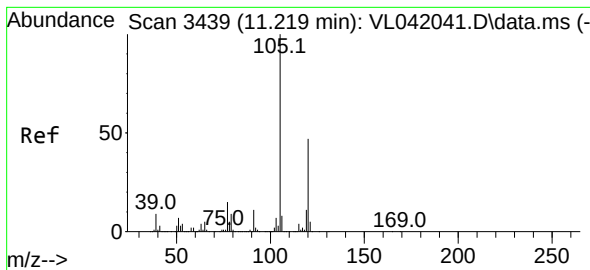
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#72
4-Ethyltoluene
Concen: 9.504 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Tgt Ion:105 Resp: 574661
Ion Ratio Lower Upper
105 100
120 29.9 24.1 36.1
91 12.9 10.2 15.4
77 14.0 10.4 15.6





#73

1,3,5-Trimethylbenzene

Concen: 9.245 ppbv

RT: 11.215 min Scan# 3439

Delta R.T. -0.003 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 484912

Ion Ratio Lower Upper

105 100

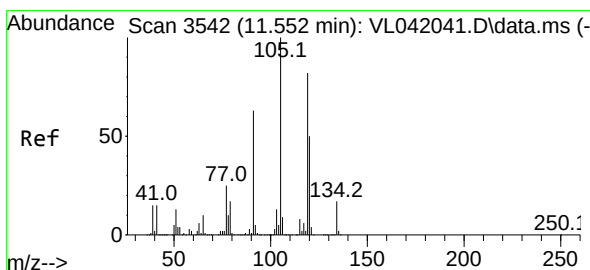
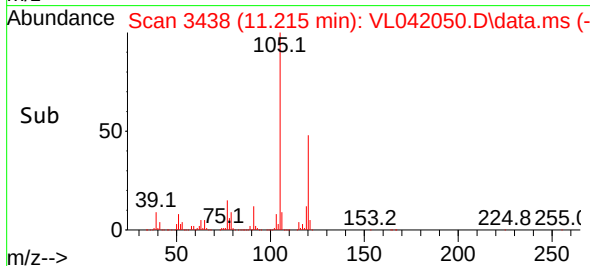
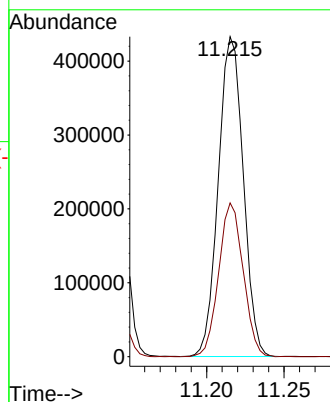
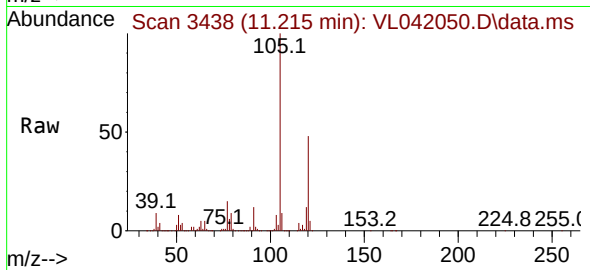
120 48.1 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#74

1,2,4-Trimethylbenzene

Concen: 8.938 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VL042050.D

Acq: 26 Feb 2025 08:38

Tgt Ion:105 Resp: 527932

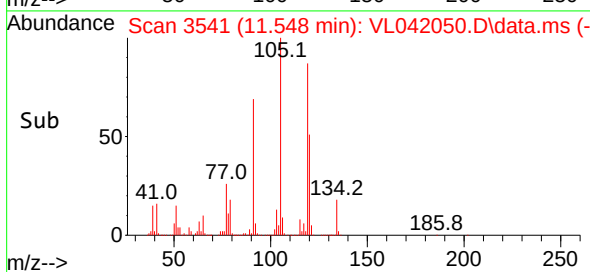
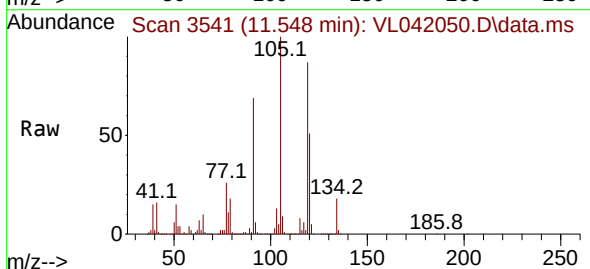
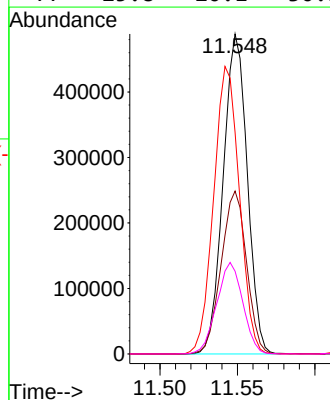
Ion Ratio Lower Upper

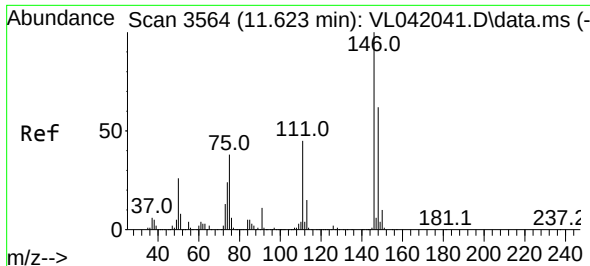
105 100

120 50.9 40.2 60.2

91 69.2 51.4 77.2

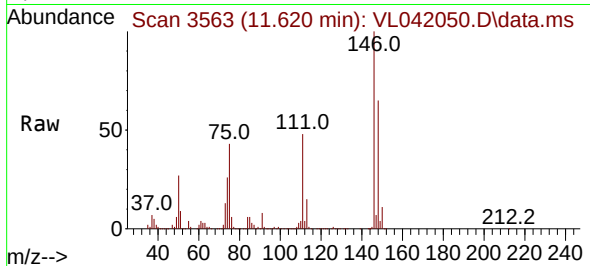
77 25.8 20.1 30.1





#75
1,3-Dichlorobenzene
Concen: 9.102 ppbv
RT: 11.620 min Scan# 3564
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

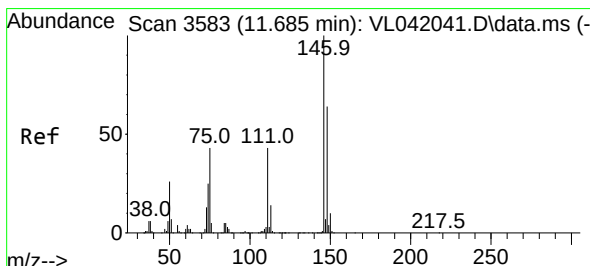
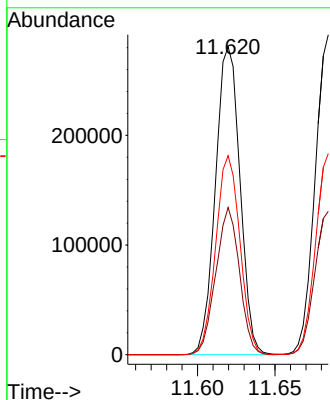
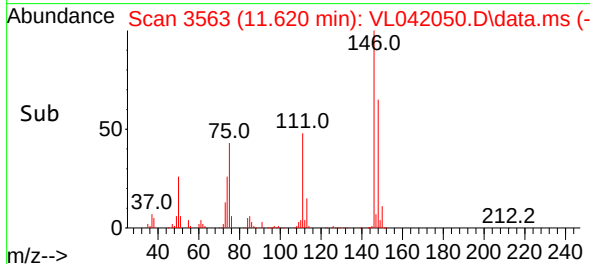
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



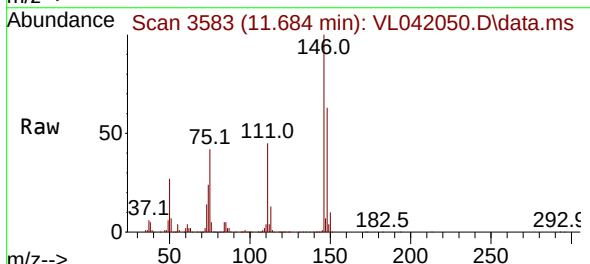
Tgt Ion:146 Resp: 309408
Ion Ratio Lower Upper
146 100
111 46.1 22.4 67.2
148 63.7 32.3 96.8

Manual Integrations
APPROVED

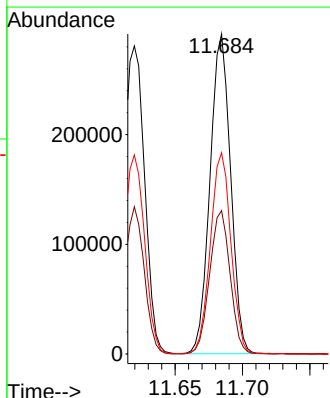
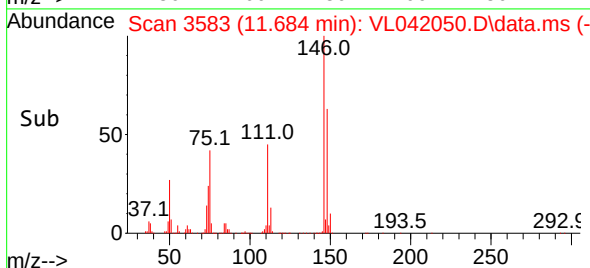
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

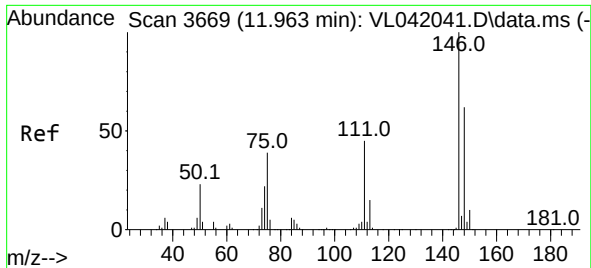


#76
1,4-Dichlorobenzene
Concen: 9.168 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. -0.000 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



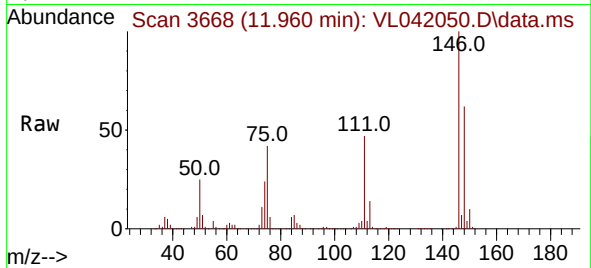
Tgt Ion:146 Resp: 309423
Ion Ratio Lower Upper
146 100
111 44.7 21.5 64.5
148 63.0 31.6 95.0





#77
1,2-Dichlorobenzene
Concen: 9.177 ppbv
RT: 11.960 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

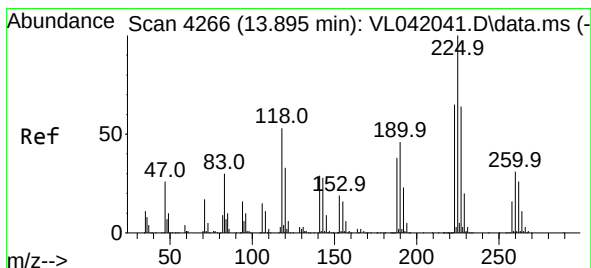
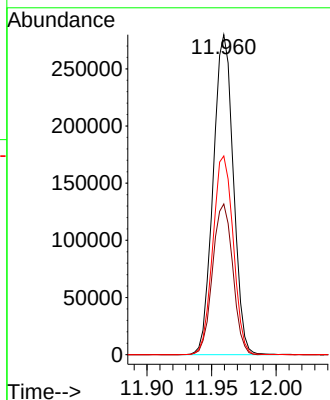
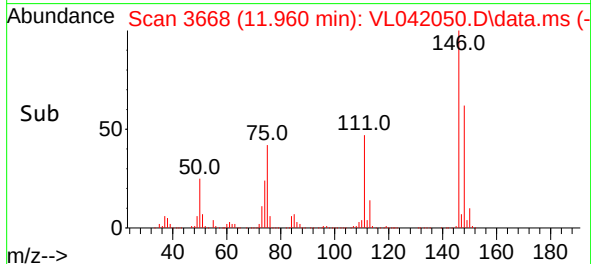
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



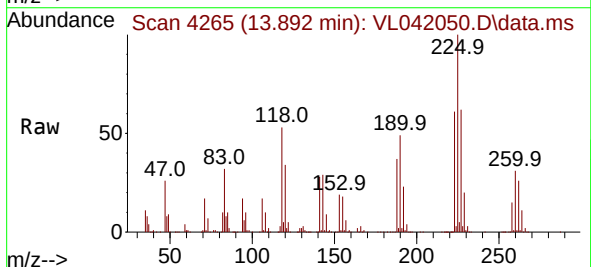
Tgt Ion:146 Resp: 302720
Ion Ratio Lower Upper
146 100
111 47.4 23.2 69.6
148 62.9 31.4 94.2

Manual Integrations
APPROVED

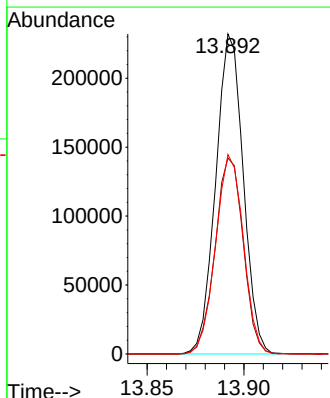
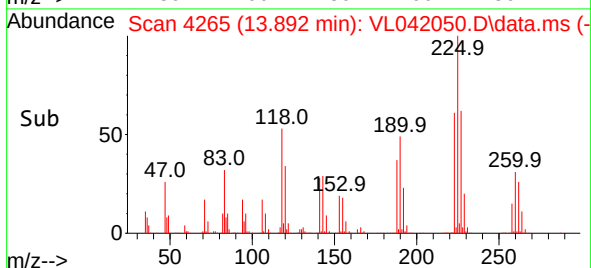
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

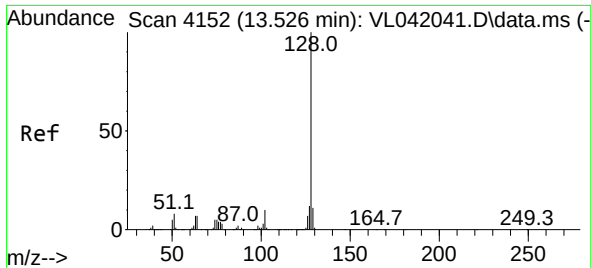


#78
Hexachloro-1,3-Butadiene
Concen: 8.937 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38



Tgt Ion:225 Resp: 229379
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.2
227 62.9 50.8 76.2





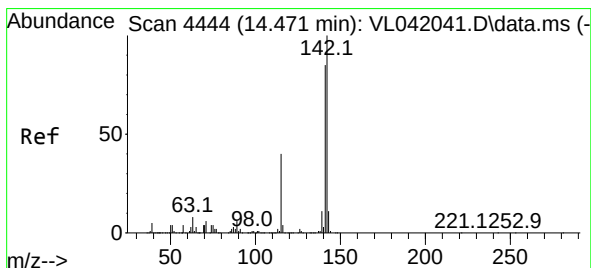
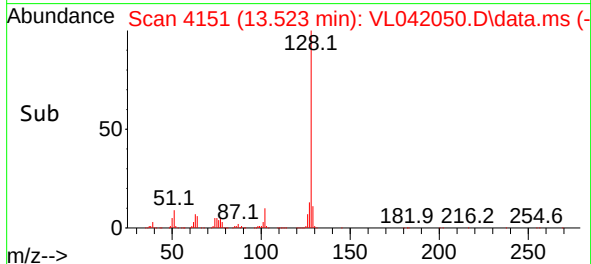
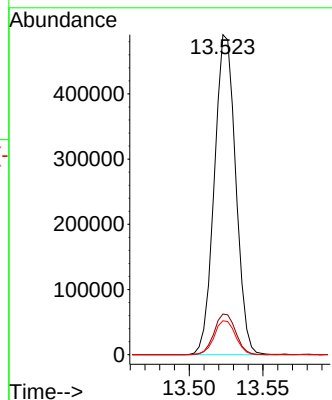
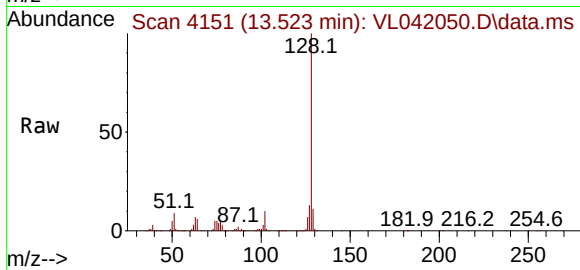
#79
Naphthalene
Concen: 12.193 ppbv
RT: 13.523 min Scan# 4152
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 493811
Ion Ratio Lower Upper
128 100
127 12.7 9.8 14.6
129 10.6 8.6 12.8

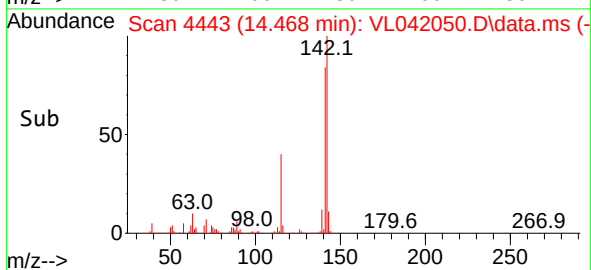
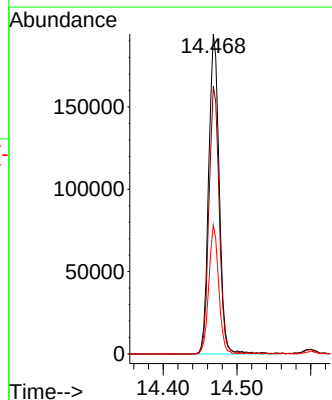
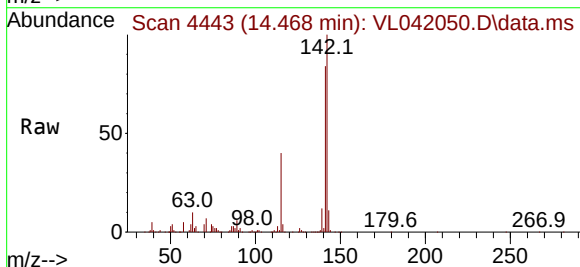
Manual Integrations
APPROVED

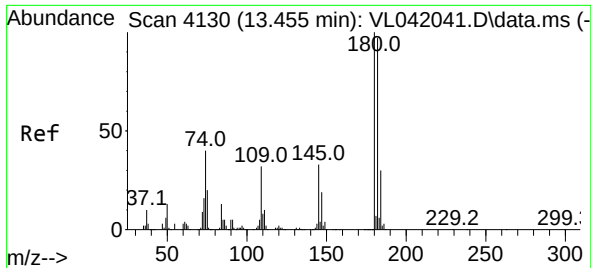
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#80
Naphthalene,2-methyl-
Concen: 17.232 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.003 min
Lab File: VL042050.D
Acq: 26 Feb 2025 08:38

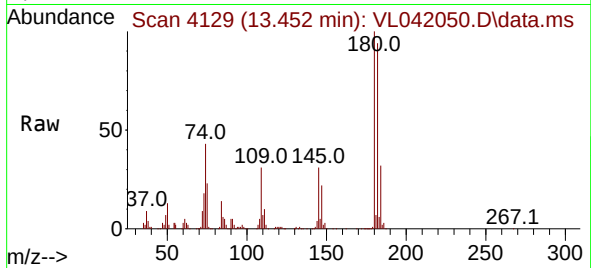
Tgt Ion:142 Resp: 190978
Ion Ratio Lower Upper
142 100
141 82.9 65.8 98.6
115 38.1 29.5 44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.038 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042050.D
 Acq: 26 Feb 2025 08:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 22656
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.1 112.7
 184 30.8 23.8 35.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

