

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022725\
 Data File : VL042066.D
 Acq On : 27 Feb 2025 09:52
 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 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 00:22:07 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	2.800	49	162721	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	392831	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	336108	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.396 95 267067 10.328 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.505	85	173583	10.259	ppbv	99
3) Chlorodifluoromethane	1.483	51	233161	9.859	ppbv	100
4) Chloromethane	1.538	50	61750	9.868	ppbv	99
5) Vinyl Chloride	1.586	62	61173	10.335	ppbv	98
6) Bromomethane	1.674	94	29428	10.441	ppbv	90
7) Chloroethane	1.709	64	23950	9.959	ppbv	89
8) Dichlorotetrafluoroethane	1.560	85	139091	9.999	ppbv	99
9) Propene	1.489	41	91266	9.473	ppbv	100
10) Heptane	5.007	43	286248	9.542	ppbv	98
11) Trichlorofluoromethane	1.884	101	174383	10.285	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.149	101	125587	9.286	ppbv	100
13) Ethanol	1.729	45	3321	5.430	ppbv	92
14) Bromoethene	1.790	108	47798	10.008	ppbv	100
15) Acetone	1.842	43	130687	9.094	ppbv	99
16) 1,3-Butadiene	1.615	39	66219	9.902	ppbv	99
17) tert-Butyl alcohol	2.049	59	157381	8.754	ppbv	98
18) 1,1-Dichloroethene	2.042	96	57140	9.351	ppbv	89
19) Isopropyl Alcohol	1.894	45	72731	8.811	ppbv	95
20) Methylene Chloride	2.068	84	46329	8.523	ppbv	97
21) Allyl Chloride	2.104	41	96638	9.308	ppbv	99
22) trans-1,2-Dichloroethene	2.353	96	63150	8.865	ppbv	92
23) Vinyl Acetate	2.476	43	92502	9.155	ppbv	99
24) 1,1-Dichloroethane	2.421	63	121261	9.148	ppbv	99
25) Ethyl Acetate	2.852	43	568506	9.884	ppbv	99
26) Hexane	2.839	57	216949	9.330	ppbv	94
27) Carbon Disulfide	2.159	76	150101	9.522	ppbv	97
28) Methyl tert-Butyl Ether	2.454	73	131055	11.320	ppbv	100
29) Chloroform	2.865	83	295511	9.442	ppbv	99
30) Cyclohexane	3.878	84	171156	9.068	ppbv	91
31) cis-1,2-Dichloroethene	2.735	61	211707	9.617	ppbv	100
32) 1,1,1-Trichloroethane	3.386	97	281737	9.280	ppbv	96
34) 2-Butanone	2.570	43	328532	10.735	ppbv	95
35) Carbon Tetrachloride	3.784	117	281736	10.400	ppbv	98
36) Benzene	3.677	78	415968	10.115	ppbv	97
37) 1,2-Dichloroethane	3.237	62	237745	10.427	ppbv	98
38) Trichloroethene	4.574	130	155654	9.269	ppbv	99
39) 1,2-Dichloropropane	4.340	63	156581	10.031	ppbv	98
40) 1,4-Dioxane	4.612	88	67551	9.480	ppbv #	93
41) Tetrahydrofuran	3.072	42	187930	10.393	ppbv	98
42) Bromodichloromethane	4.515	83	315419	10.268	ppbv	100
43) Methyl Methacrylate	4.907	69	162597	10.124	ppbv	92
44) 2,2,4-Trimethylpentane	4.667	57	739087	10.183	ppbv	99
45) t-1,3-Dichloropropene	6.448	75	158174	9.913	ppbv	100

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

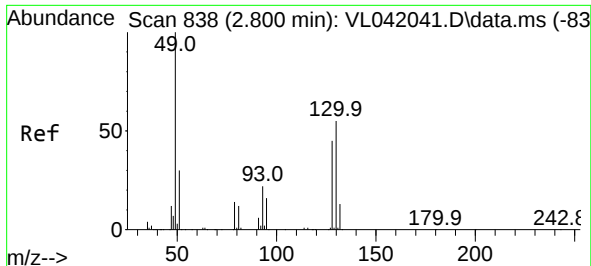
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

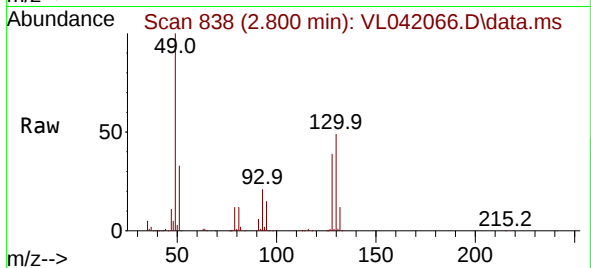
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.632	75	209028	10.124	ppbv	94
47) 1,1,2-Trichloroethane	6.613	97	154416	9.745	ppbv	97
48) Dibromochloromethane	7.415	129	242372	9.766	ppbv	98
49) Bromoform	9.506	173	210571	9.770	ppbv	97
50) 4-Methyl-2-Pentanone	5.790	43	453208	11.450	ppbv	97
51) 2-Hexanone	7.464	43	365891	13.432	ppbv #	99
52) Tetrachloroethene	8.247	164	132672	9.424	ppbv	93
53) Toluene	6.962	91	451339	9.820	ppbv	99
54) 1,2-Dibromoethane	7.677	107	206018	9.616	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.946	131	187290	9.859	ppbv	99
57) Chlorobenzene	8.943	112	344354	9.882	ppbv	97
58) Ethyl Benzene	9.377	91	623468	10.072	ppbv	97
59) m/p-Xylene	9.571	91	999020m	20.281	ppbv	
60) o-Xylene	9.985	91	496842	10.033	ppbv	99
61) Styrene	9.891	104	236625	10.164	ppbv	99
62) Isopropylbenzene	10.558	105	740293	9.982	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.982	83	328074	10.060	ppbv	99
64) n-propylbenzene	11.005	120	196197	10.086	ppbv	97
65) tert-Butylbenzene	11.548	119	653248	9.678	ppbv	99
66) Benzyl Chloride	11.633	91	44563	8.652	ppbv	98
67) sec-Butylbenzene	11.785	105	949676	9.838	ppbv	100
69) p-Isopropyltoluene	11.940	119	766262	9.978	ppbv	100
70) n-Butylbenzene	12.296	91	795100	10.142	ppbv	99
71) 2-Chlorotoluene	10.917	91	571270	9.992	ppbv	99
72) 4-Ethyltoluene	11.144	105	611613	10.115	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	518797	9.892	ppbv	98
74) 1,2,4-Trimethylbenzene	11.555	105	561932	9.515	ppbv	98
75) 1,3-Dichlorobenzene	11.623	146	331331	9.748	ppbv	99
76) 1,4-Dichlorobenzene	11.688	146	325683	9.651	ppbv	99
77) 1,2-Dichlorobenzene	11.963	146	325528	9.869	ppbv	99
78) Hexachloro-1,3-Butadiene	13.898	225	234905	9.153	ppbv	99
79) Naphthalene	13.529	128	520726	12.859	ppbv	99
80) Naphthalene,2-methyl-	14.474	142	202710	18.292	ppbv	99
81) 1,2,4-Trichlorobenzene	13.455	180	234860	10.407	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 838
Delta R.T. -0.000 min
Lab File: VL042066.D
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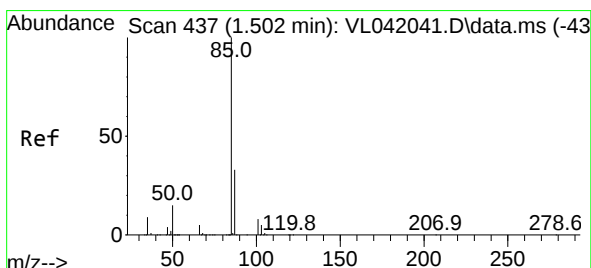
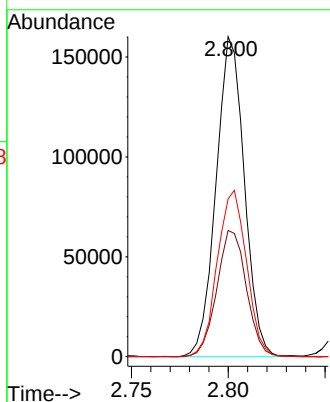
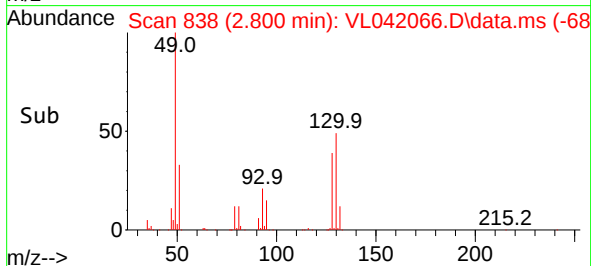
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



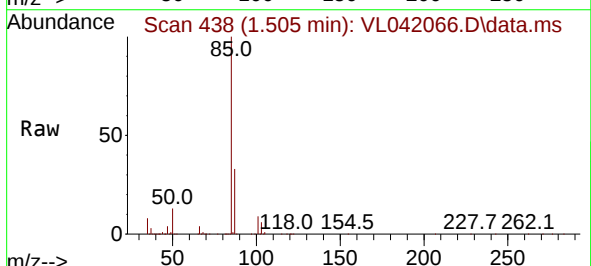
Tgt Ion: 49 Resp: 16272
Ion Ratio Lower Upper
49 100
128 41.3 21.6 64.8
130 53.8 27.8 83.4

Manual Integrations
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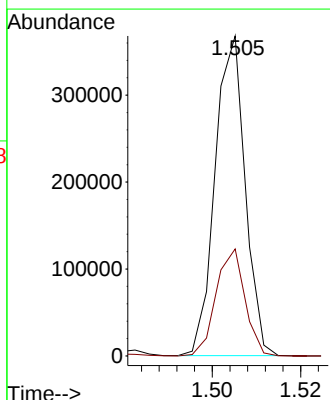
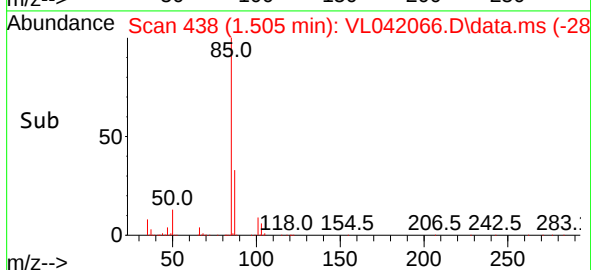
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

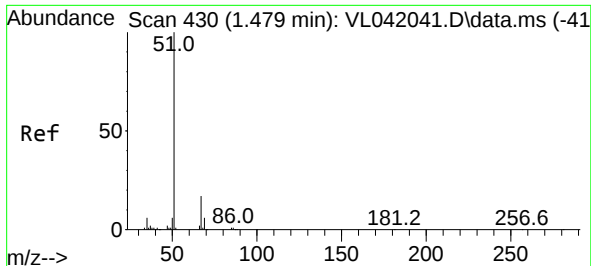


#2
Dichlorodifluoromethane
Concen: 10.259 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



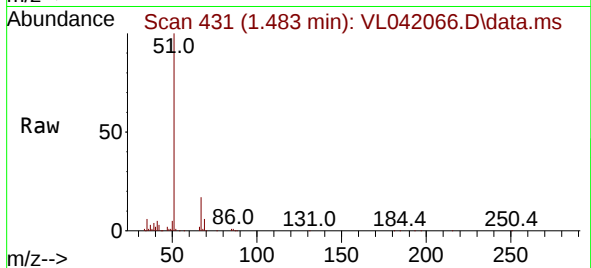
Tgt Ion: 85 Resp: 173583
Ion Ratio Lower Upper
85 100
87 33.5 26.4 39.6





#3
Chlorodifluoromethane
Concen: 9.859 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

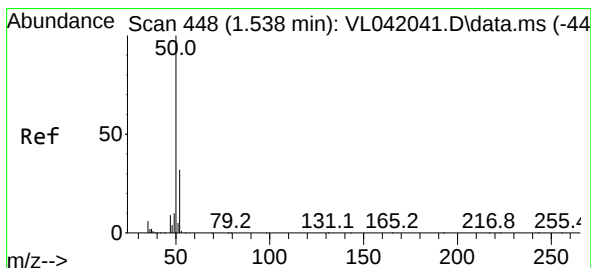
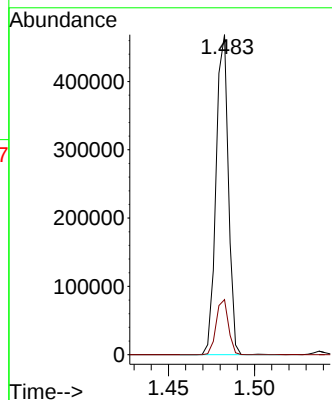
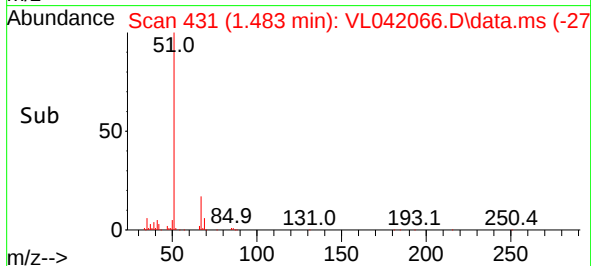
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



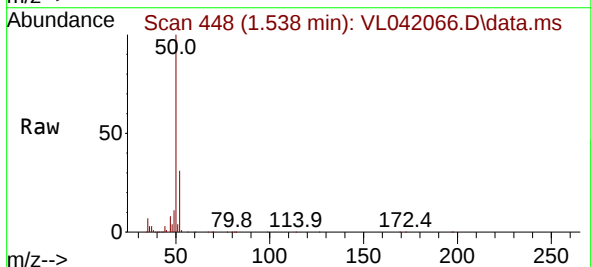
Tgt Ion: 51 Resp: 23316
Ion Ratio Lower Upper
51 100
67 17.1 13.7 20.5

Manual Integrations
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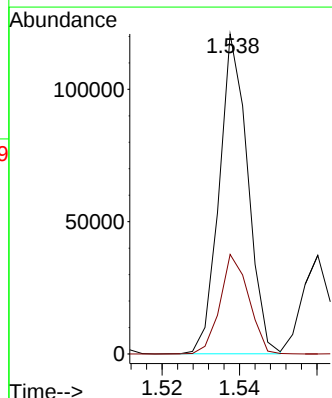
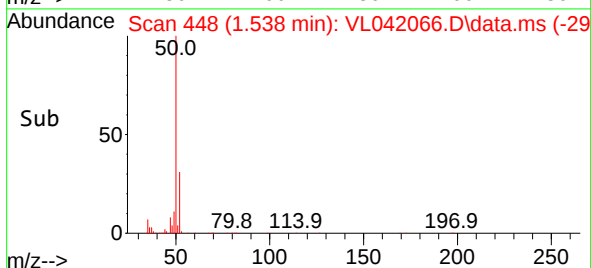
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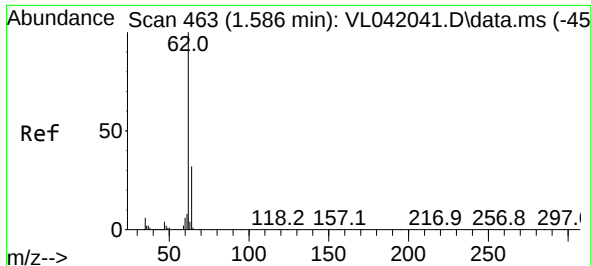


#4
Chloromethane
Concen: 9.868 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



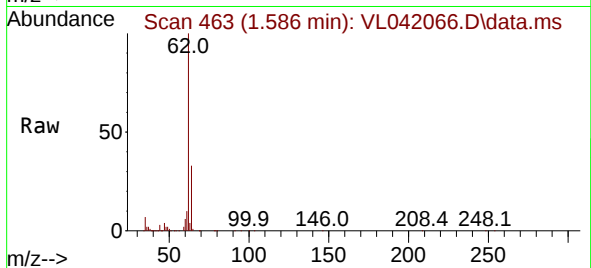
Tgt Ion: 50 Resp: 61750
Ion Ratio Lower Upper
50 100
52 31.1 25.4 38.0





#5
 Vinyl Chloride
 Concen: 10.335 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52

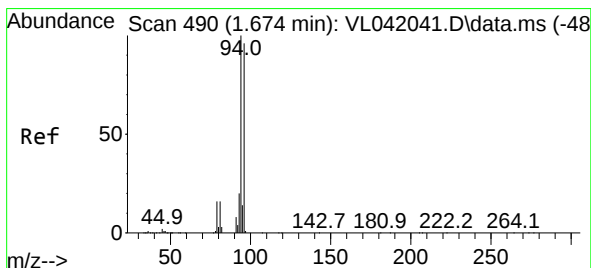
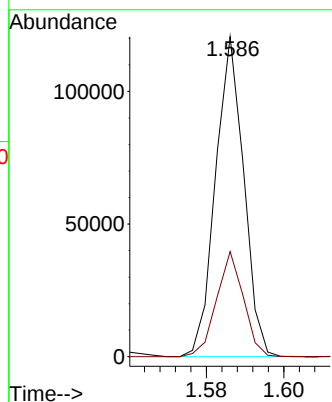
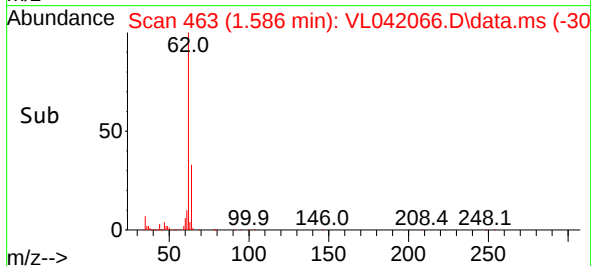
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



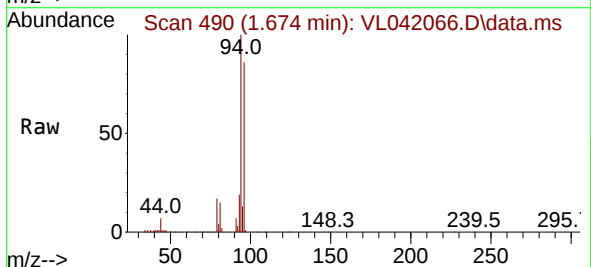
Tgt Ion: 62 Resp: 61173
 Ion Ratio Lower Upper
 62 100
 64 32.9 25.3 37.9

Manual Integrations
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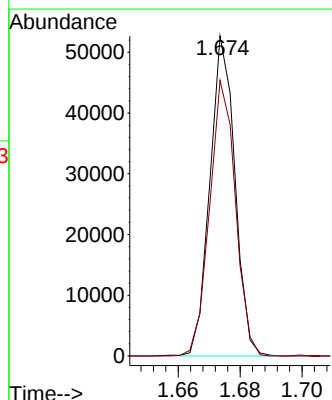
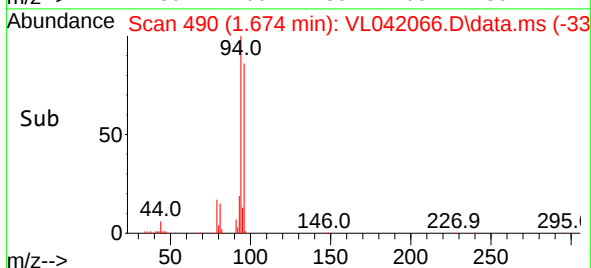
Reviewed By :Semsettin Yesilyurt 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

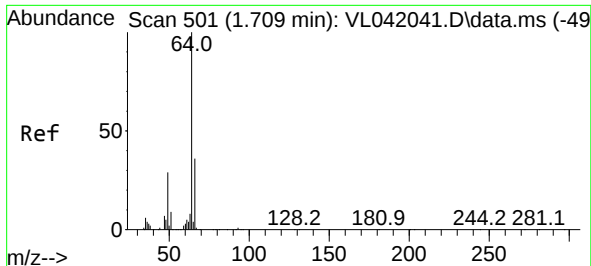


#6
 Bromomethane
 Concen: 10.441 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52



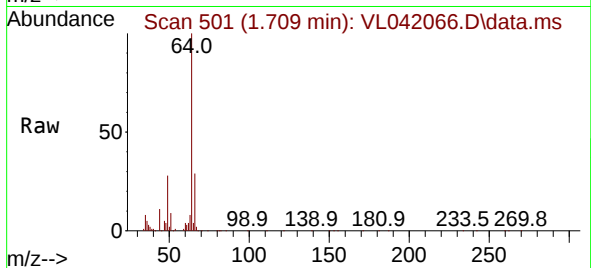
Tgt Ion: 94 Resp: 29428
 Ion Ratio Lower Upper
 94 100
 96 86.1 76.5 114.7





#7
Chloroethane
Concen: 9.959 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

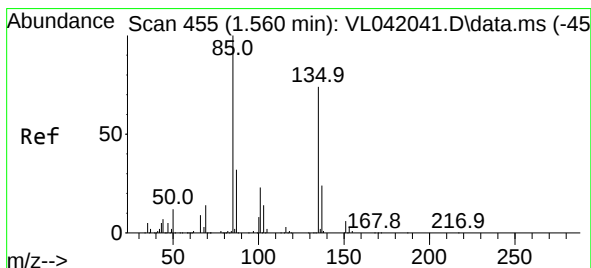
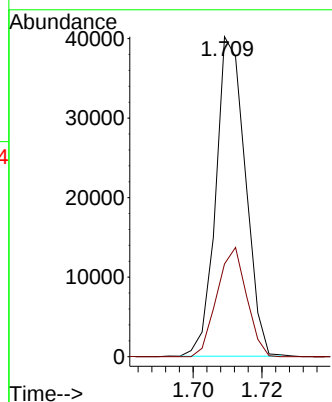
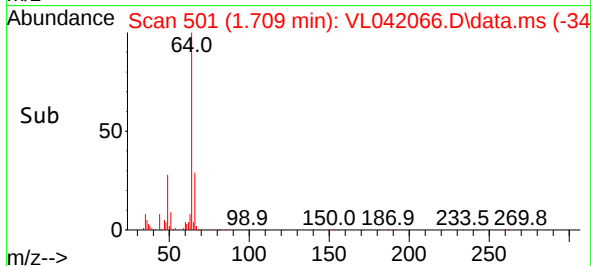
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 23950
Ion Ratio Lower Upper
64 100
66 29.0 28.4 42.6

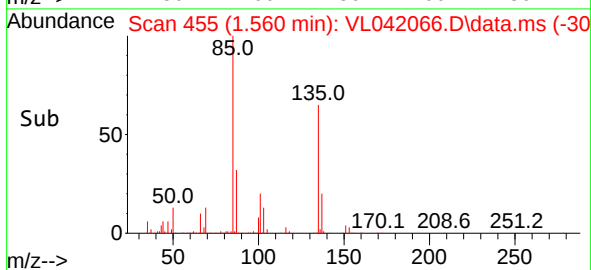
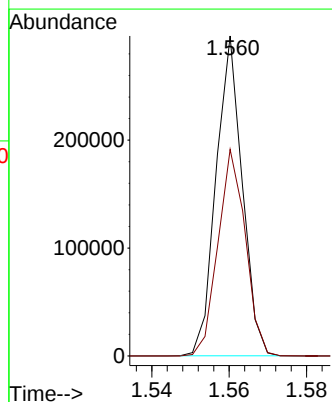
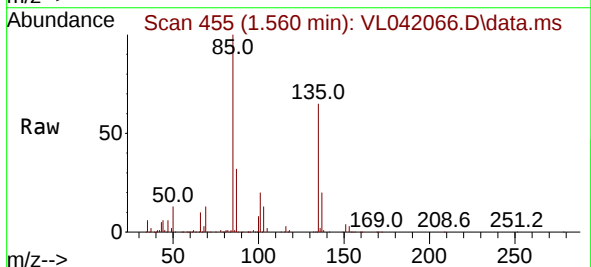
Manual Integrations
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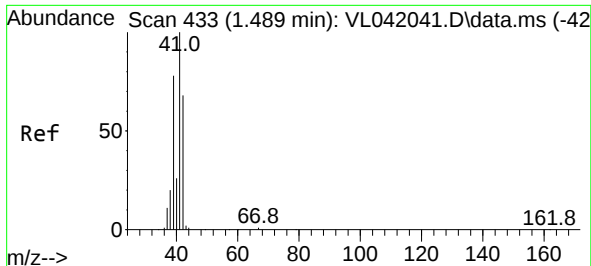
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#8
Dichlorotetrafluoroethane
Concen: 9.999 ppbv
RT: 1.560 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

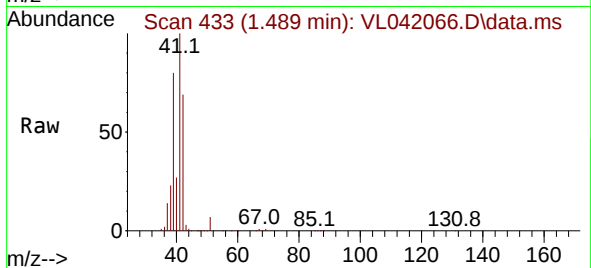
Tgt Ion: 85 Resp: 139091
Ion Ratio Lower Upper
85 100
135 67.7 54.6 81.8





#9
 Propene
 Concen: 9.473 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52

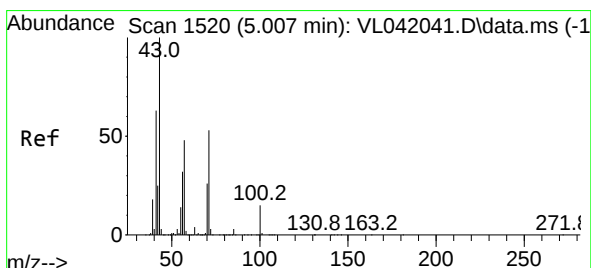
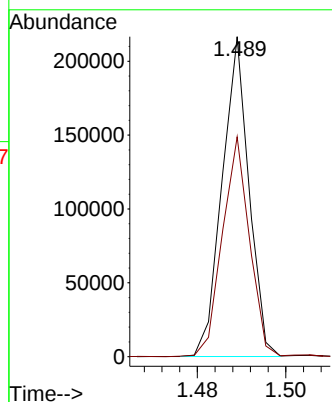
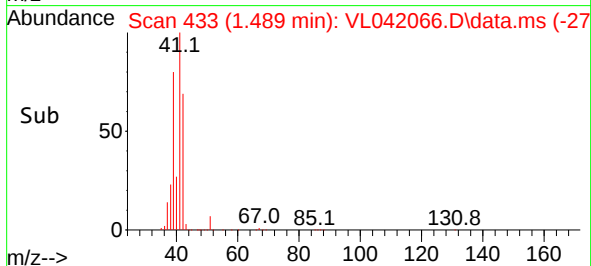
Instrument :
 MSVOA_L
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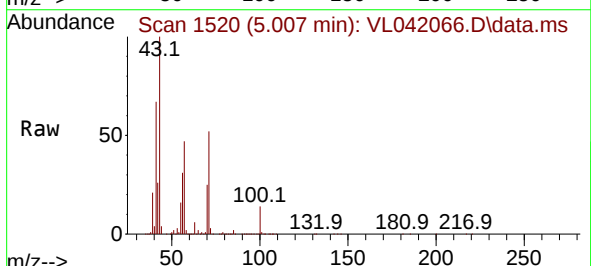
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 Ion Ratio Lower Upper
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Manual Integrations
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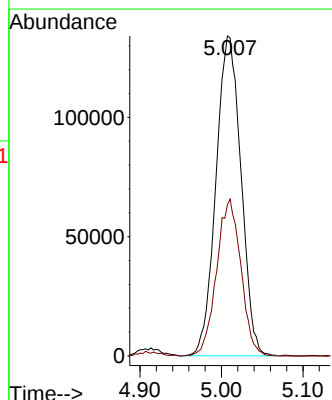
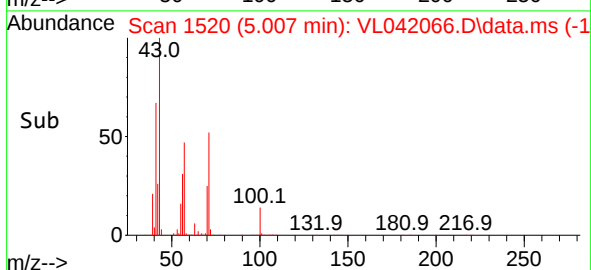
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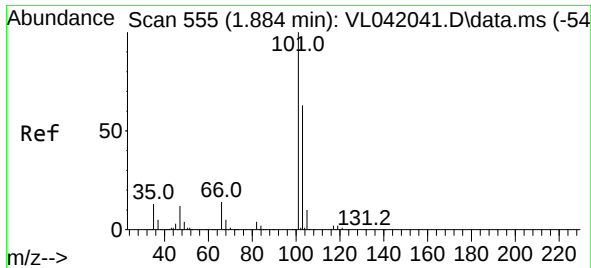


#10
 Heptane
 Concen: 9.542 ppbv
 RT: 5.007 min Scan# 1520
 Delta R.T. -0.000 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52



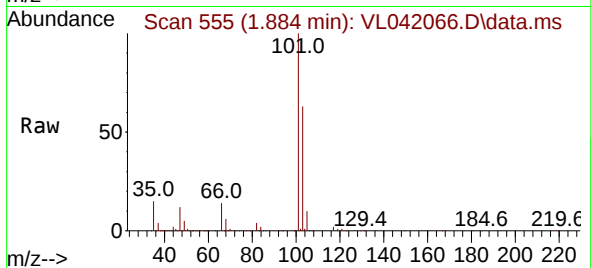
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 Ion Ratio Lower Upper
 43 100
 57 47.5 39.4 59.0





#11
 Trichlorofluoromethane
 Concen: 10.285 ppbv
 RT: 1.884 min Scan# 555
 Delta R.T. -0.000 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52

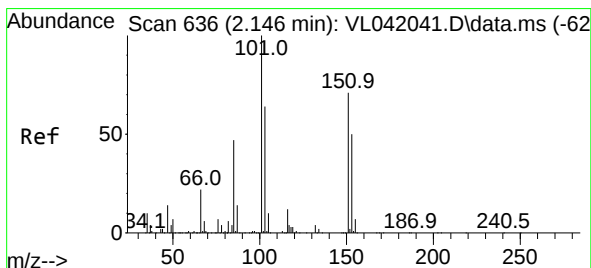
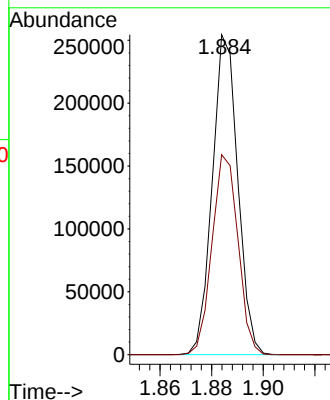
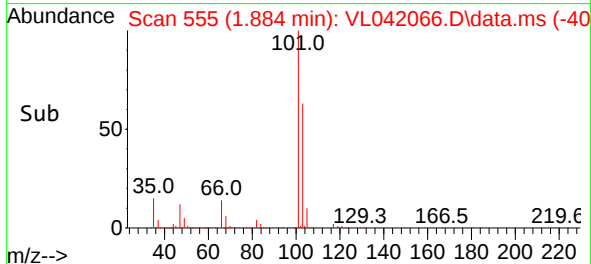
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



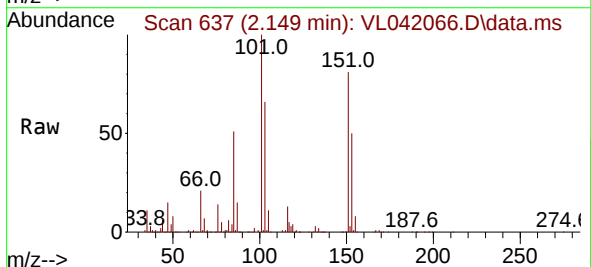
Tgt Ion:101 Resp: 17438
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.6 75.8

Manual Integrations
 APPROVED

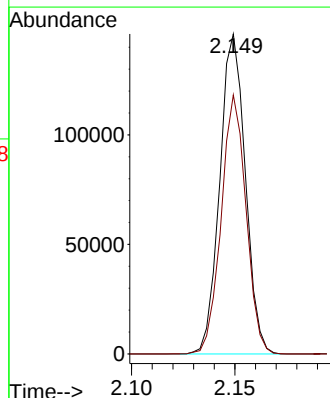
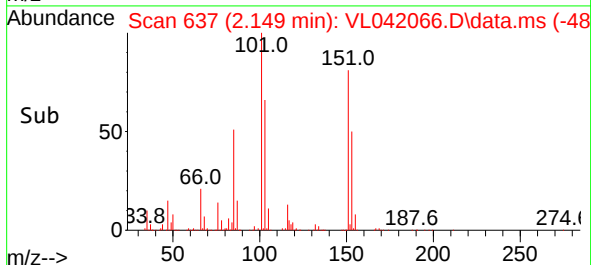
Reviewed By :Semsettin Yesilyurt 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

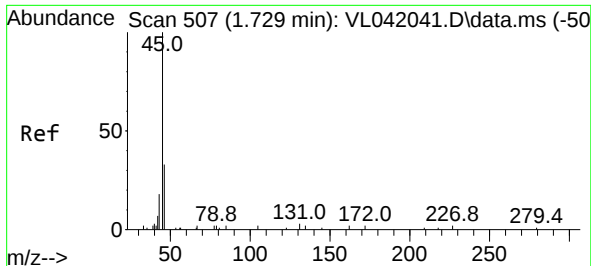


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.286 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. 0.003 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52



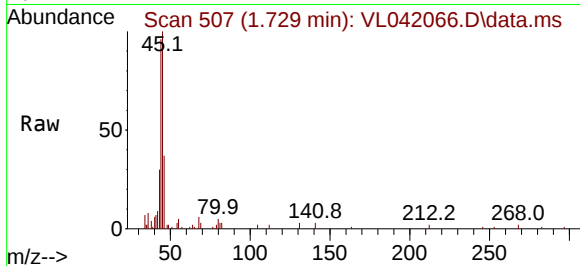
Tgt Ion:101 Resp: 125587
 Ion Ratio Lower Upper
 101 100
 151 78.5 62.6 94.0





#13
Ethanol
Concen: 5.430 ppbv
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

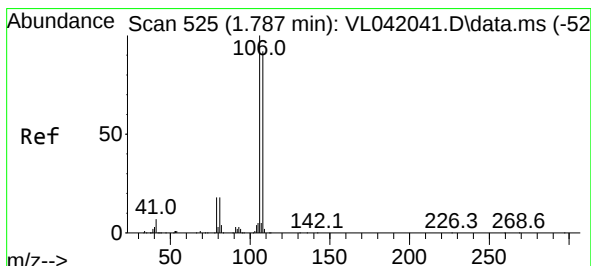
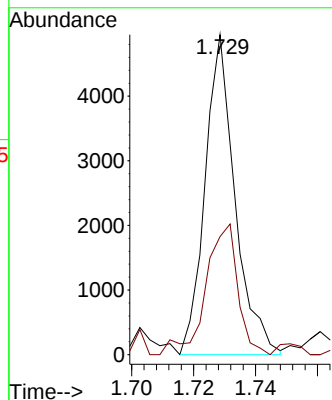
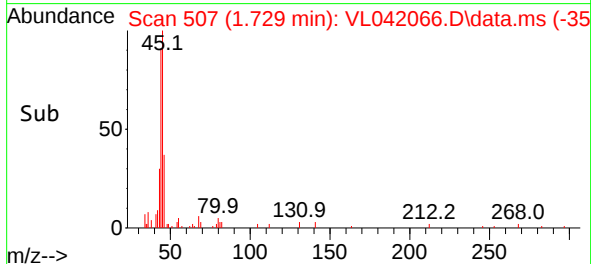
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



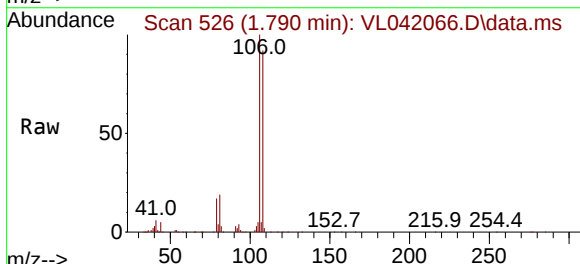
Tgt Ion: 45 Resp: 332
Ion Ratio Lower Upper
45 100
46 47.5 17.1 68.3

Manual Integrations
APPROVED

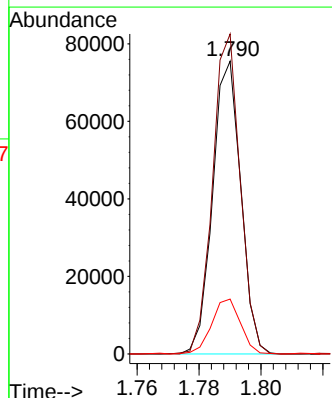
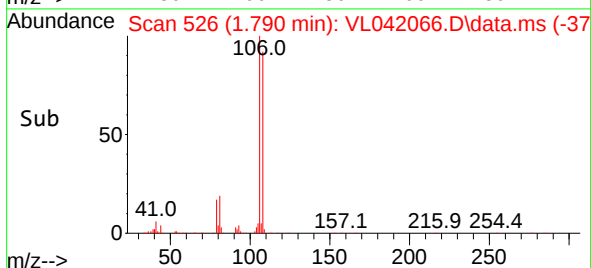
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

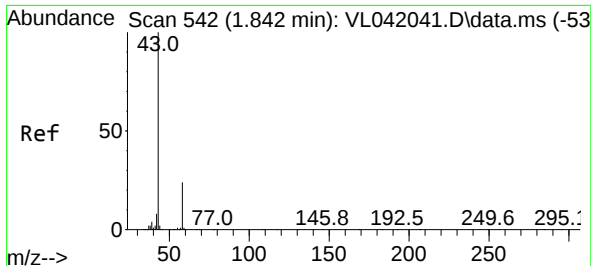


#14
Bromoethene
Concen: 10.008 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



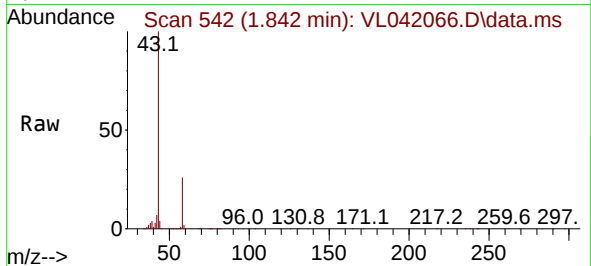
Tgt Ion:108 Resp: 47798
Ion Ratio Lower Upper
108 100
106 106.7 85.4 128.0
79 19.6 16.5 24.7





#15
Acetone
Concen: 9.094 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

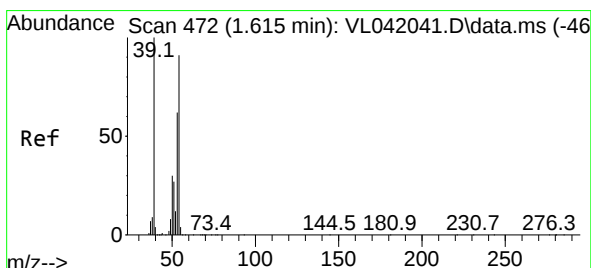
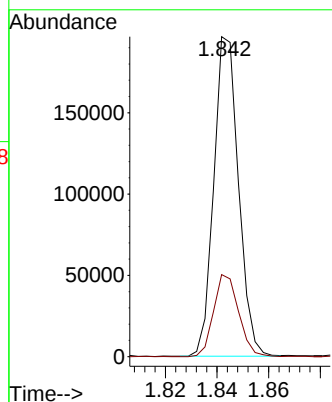
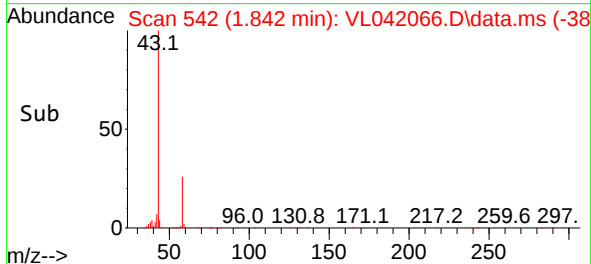
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



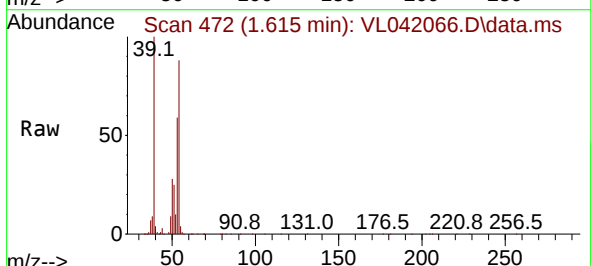
Tgt Ion: 43 Resp: 130685
Ion Ratio Lower Upper
43 100
58 26.2 20.7 31.1

Manual Integrations
APPROVED

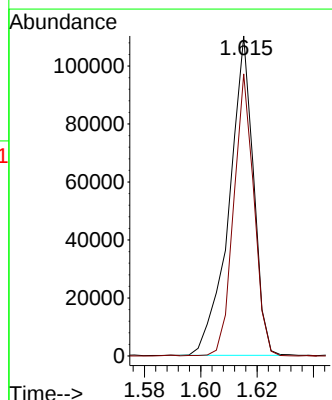
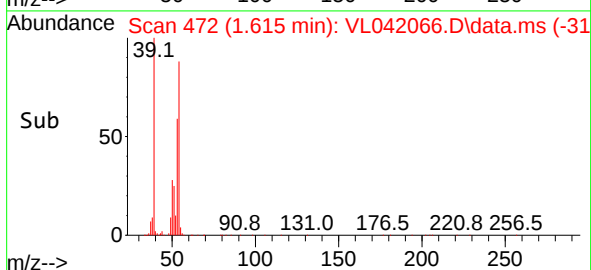
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

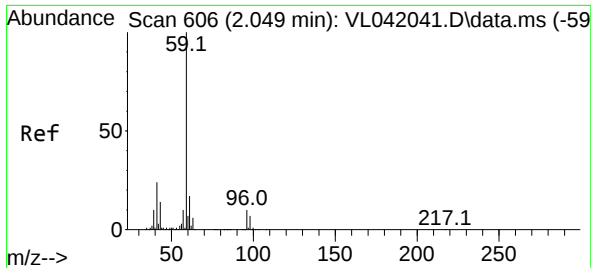


#16
1,3-Butadiene
Concen: 9.902 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



Tgt Ion: 39 Resp: 66219
Ion Ratio Lower Upper
39 100
54 73.3 59.6 89.4





#17

tert-Butyl alcohol

Concen: 8.754 ppbv

RT: 2.049 min Scan# 606

Delta R.T. -0.000 min

Lab File: VL042066.D

Acq: 27 Feb 2025 09:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 15738

Ion Ratio Lower Upper

59 100

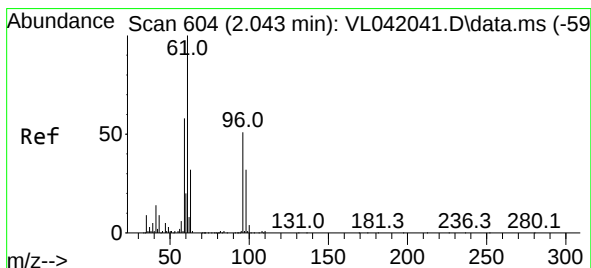
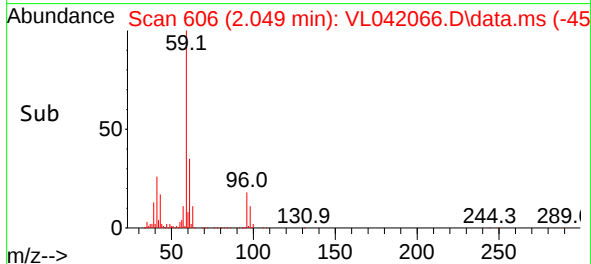
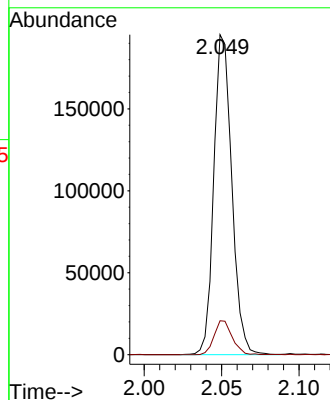
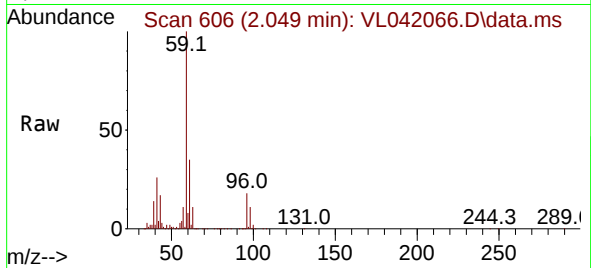
57 10.7 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#18

1,1-Dichloroethene

Concen: 9.351 ppbv

RT: 2.042 min Scan# 604

Delta R.T. -0.000 min

Lab File: VL042066.D

Acq: 27 Feb 2025 09:52

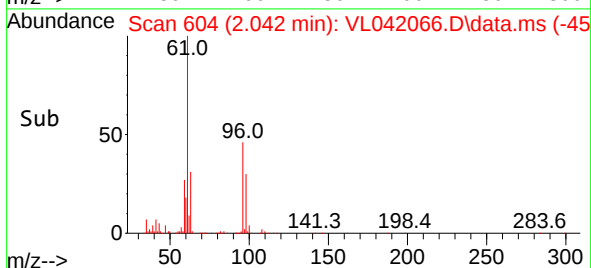
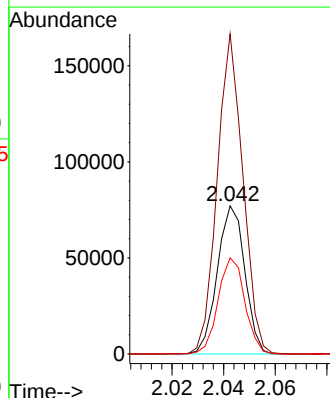
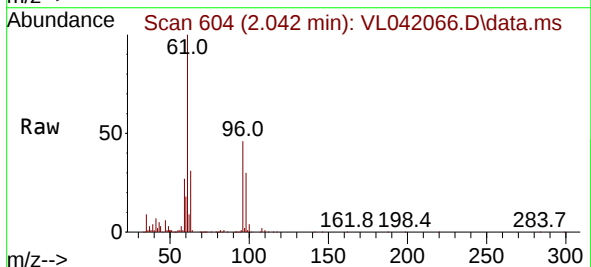
Tgt Ion: 96 Resp: 57140

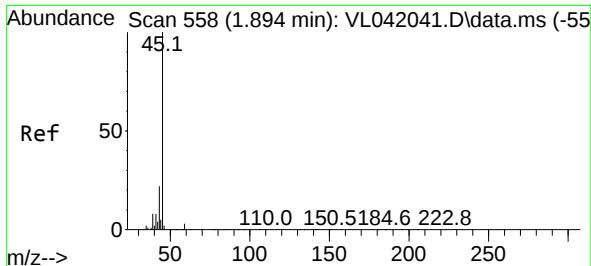
Ion Ratio Lower Upper

96 100

61 215.7 156.0 234.0

98 64.8 49.4 74.2





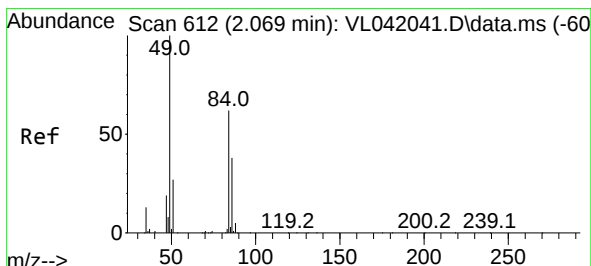
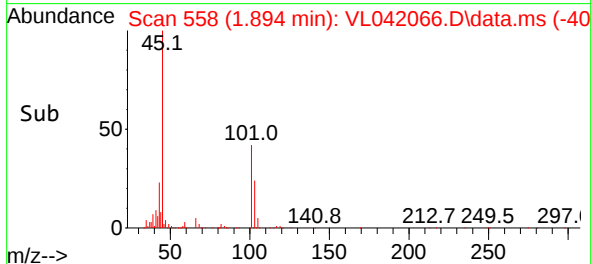
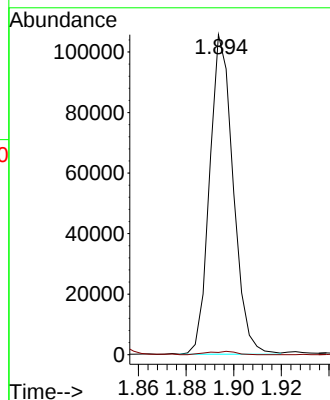
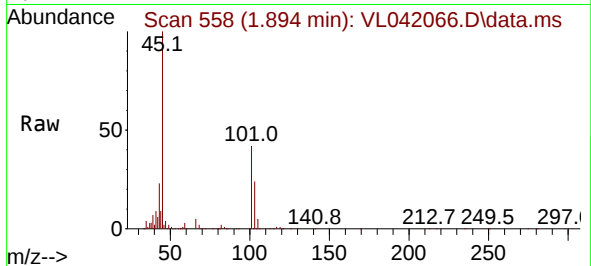
#19
Isopropyl Alcohol
Concen: 8.811 ppbv
RT: 1.894 min Scan# 558
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 7273
Ion Ratio Lower Upper
45 100
58 47.1 35.3 52.9

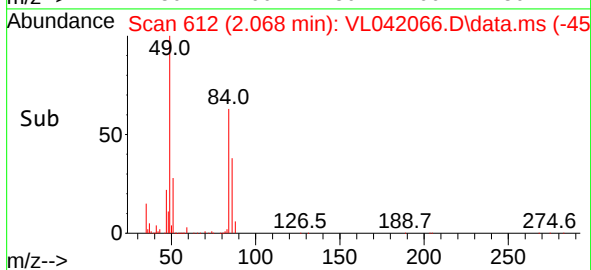
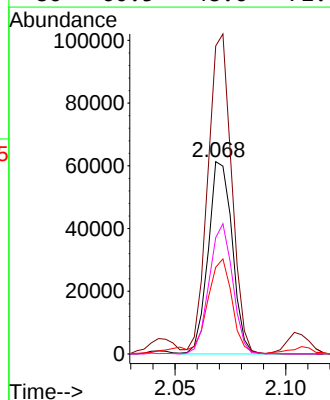
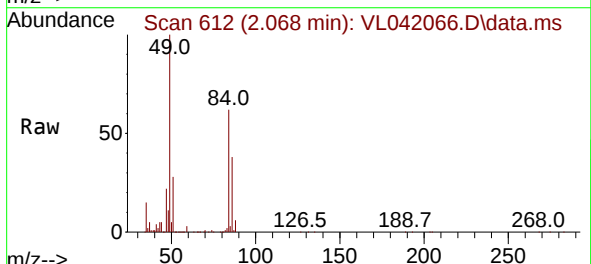
Manual Integrations
APPROVED

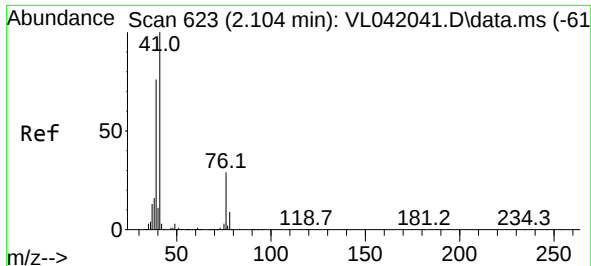
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 8.523 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

Tgt Ion: 84 Resp: 46329
Ion Ratio Lower Upper
84 100
49 157.9 130.0 195.0
51 43.8 37.4 56.0
86 60.5 48.6 72.8





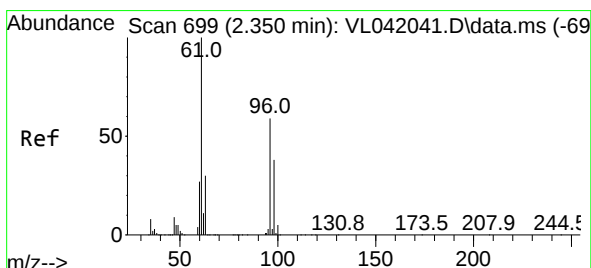
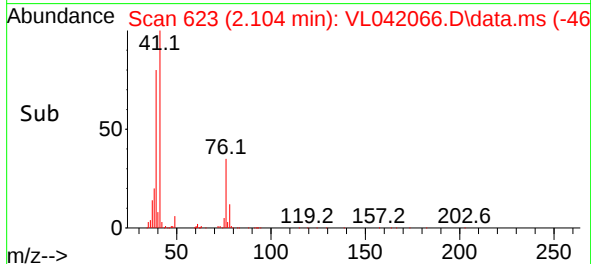
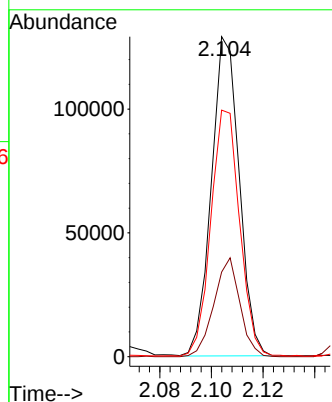
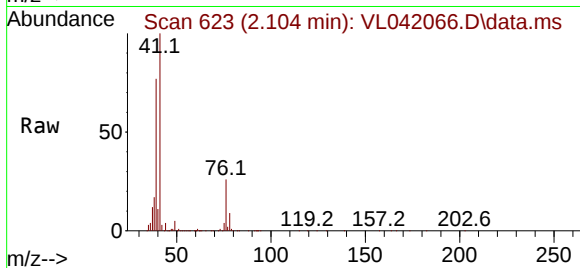
#21
 Allyl Chloride
 Concen: 9.308 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 96638
 Ion Ratio Lower Upper
 41 100
 76 28.8 23.8 35.6
 39 79.9 63.8 95.6

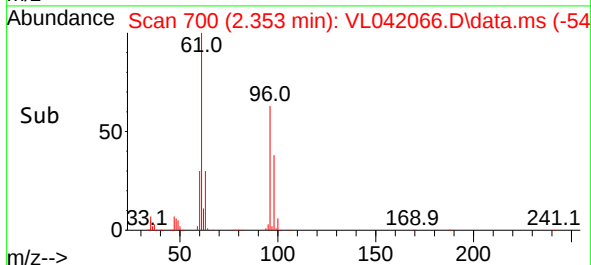
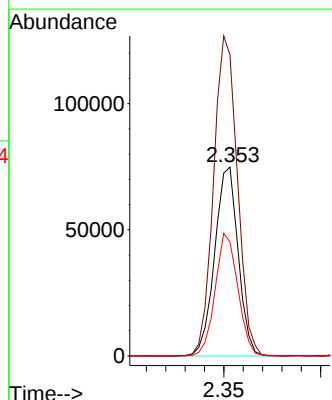
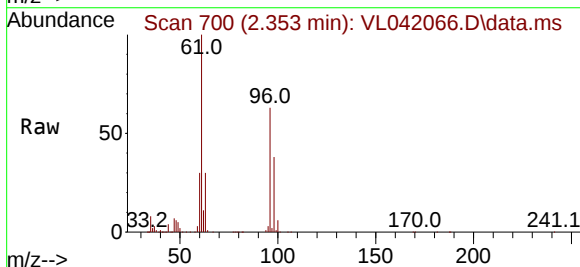
Manual Integrations
 APPROVED

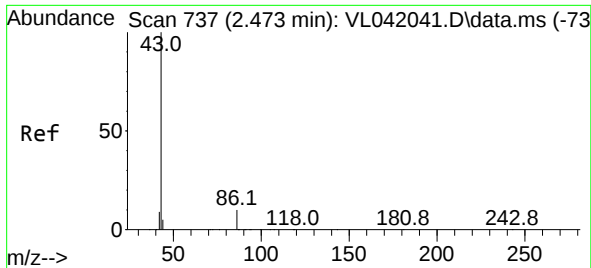
Reviewed By :Semsettin Yesilyurt 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#22
 trans-1,2-Dichloroethene
 Concen: 8.865 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. 0.003 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52

Tgt Ion: 96 Resp: 63150
 Ion Ratio Lower Upper
 96 100
 61 159.4 136.6 205.0
 98 60.4 51.8 77.6





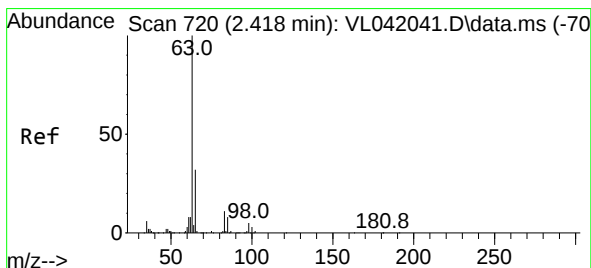
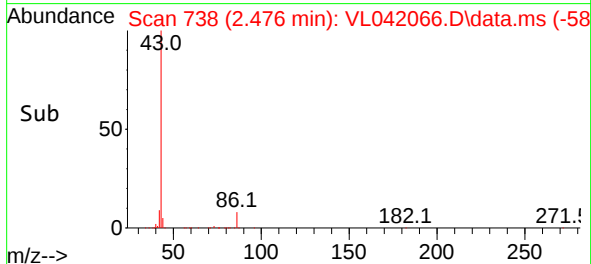
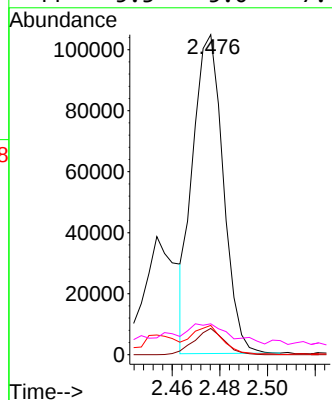
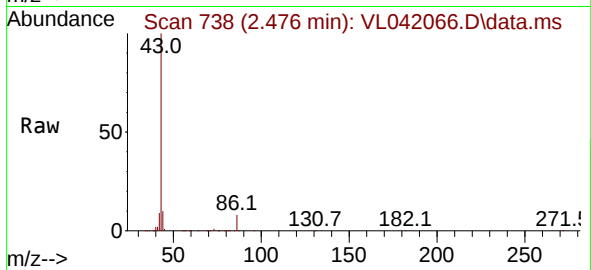
#23
 Vinyl Acetate
 Concen: 9.155 ppbv
 RT: 2.476 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:	43	Resp:	9250
Ion	Ratio	Lower	Upper
43	100		
86	8.2	7.0	10.4
42	9.1	7.6	11.4
44	5.3	5.0	7.4

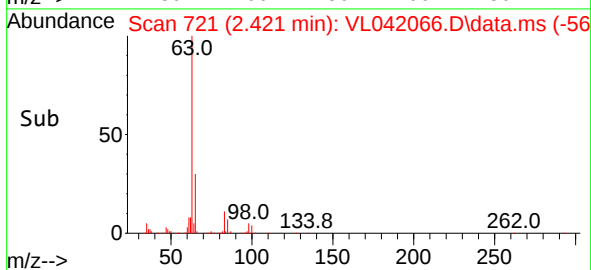
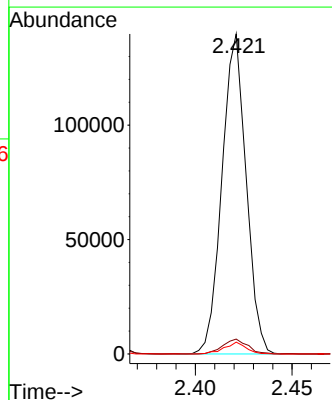
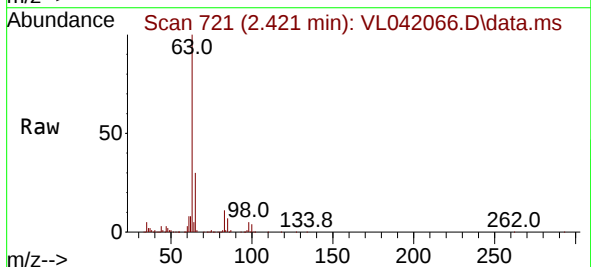
Manual Integrations
 APPROVED

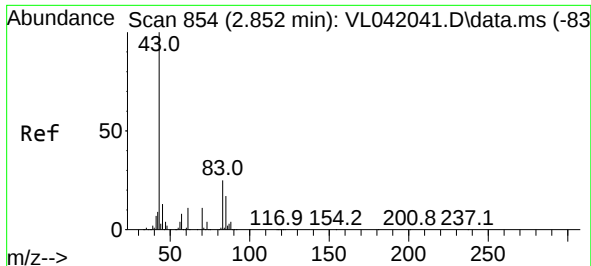
Reviewed By :Semsettin Yesilyurt 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#24
 1,1-Dichloroethane
 Concen: 9.148 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. 0.003 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52

Tgt Ion:	63	Resp:	121261
Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.4	7.2
100	3.7	1.7	5.0





#25
Ethyl Acetate
Concen: 9.884 ppbv
RT: 2.852 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

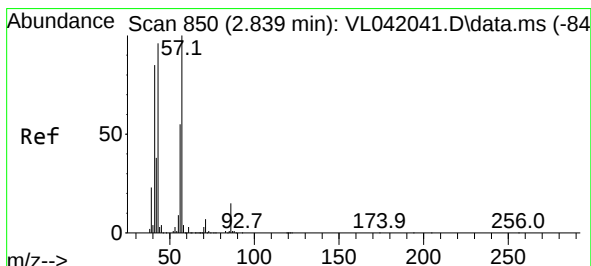
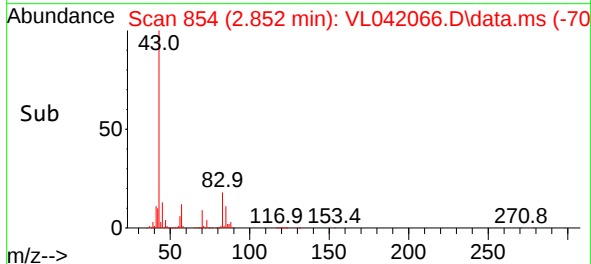
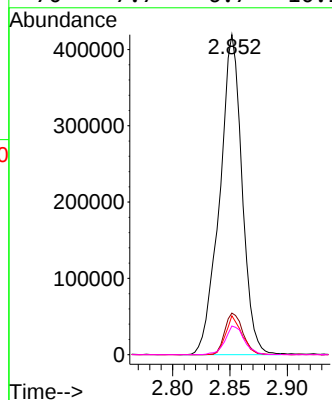
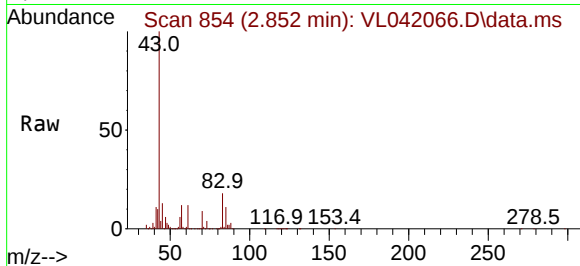
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 568500

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.1	12.1
61	8.9	7.2	10.8
70	7.7	6.7	10.1

Manual Integrations
APPROVED

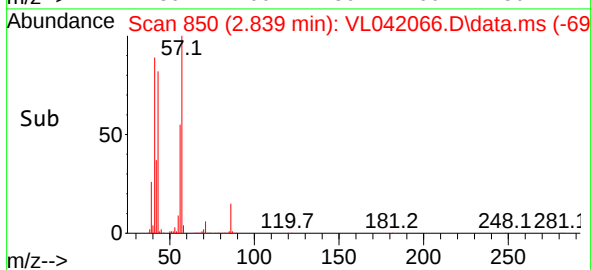
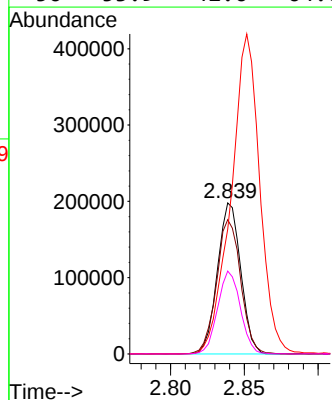
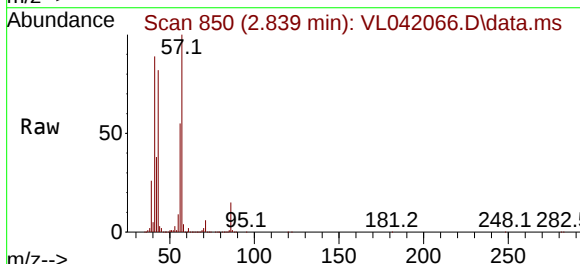
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
Hexane
Concen: 9.330 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

Tgt Ion: 57 Resp: 216949

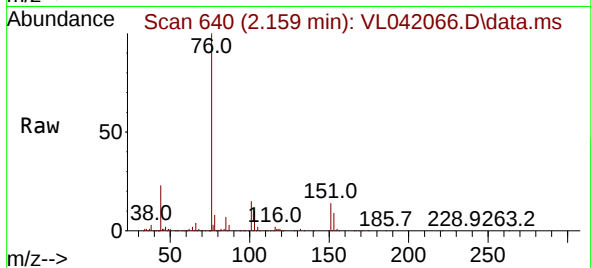
Ion	Ratio	Lower	Upper
57	100		
41	92.9	70.6	106.0
43	263.1	199.4	299.0
56	53.9	42.6	64.0





#27
Carbon Disulfide
Concen: 9.522 ppbv
RT: 2.159 min Scan# 640
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

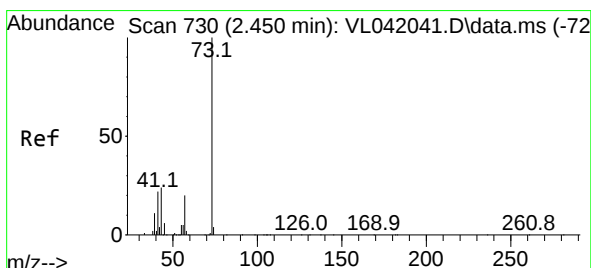
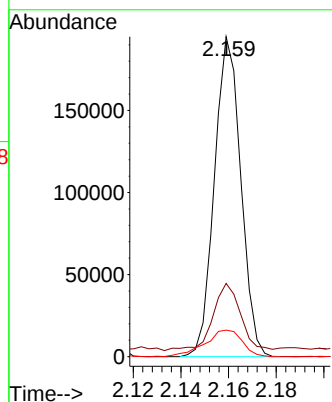
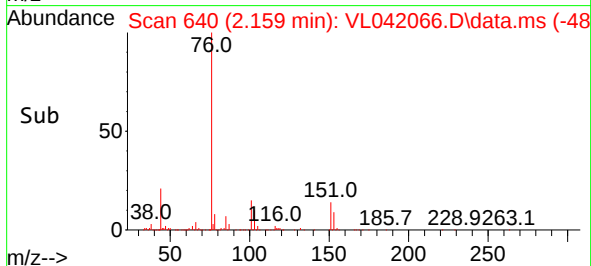
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



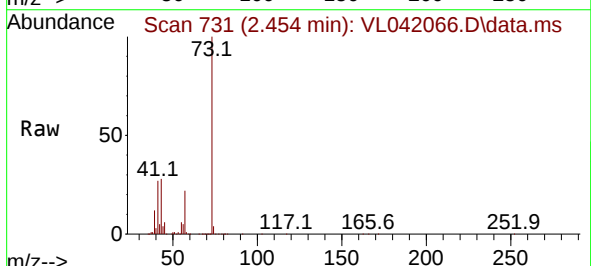
Tgt Ion: 76 Resp: 15010
Ion Ratio Lower Upper
76 100
44 22.1 16.2 24.2
78 11.8 9.4 14.0

Manual Integrations
APPROVED

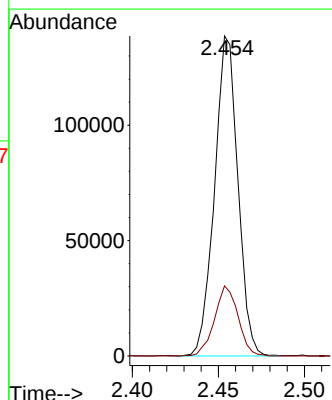
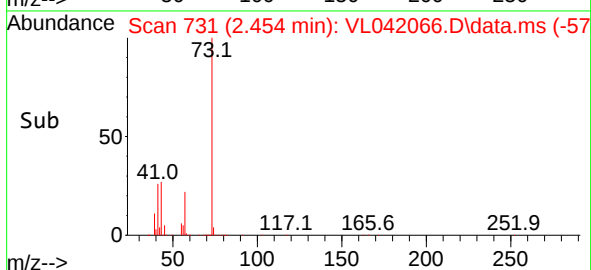
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

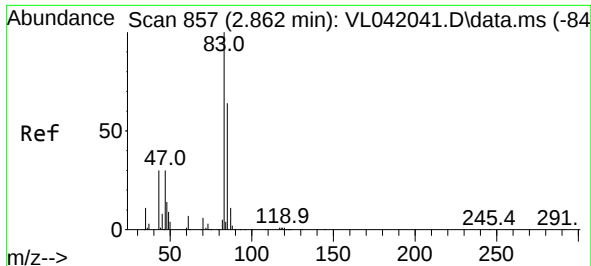


#28
Methyl tert-Butyl Ether
Concen: 11.320 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



Tgt Ion: 73 Resp: 131055
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5





#29

Chloroform

Concen: 9.442 ppbv

RT: 2.865 min Scan# 857

Delta R.T. 0.003 min

Lab File: VL042066.D

Acq: 27 Feb 2025 09:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 29551

Ion Ratio Lower Upper

83 100

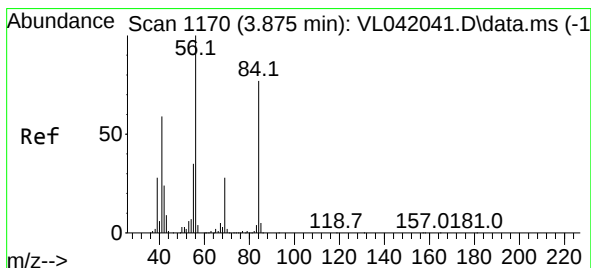
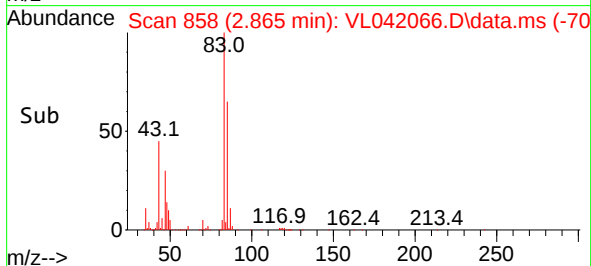
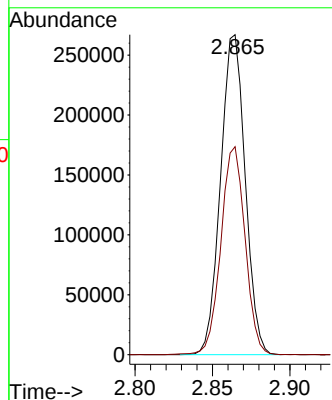
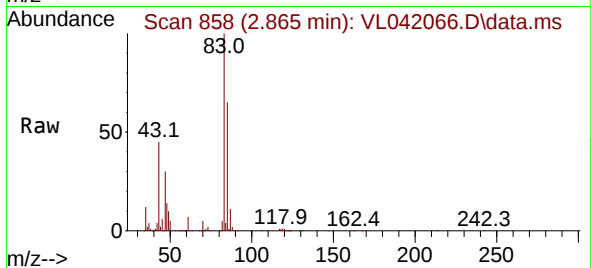
85 65.0 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Cyclohexane

Concen: 9.068 ppbv

RT: 3.878 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VL042066.D

Acq: 27 Feb 2025 09:52

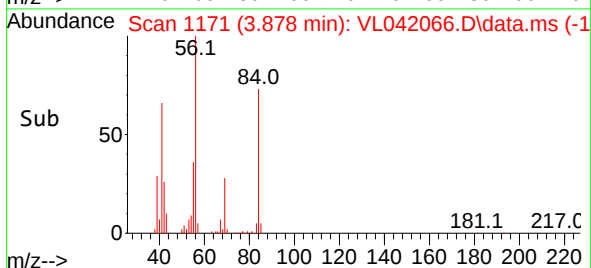
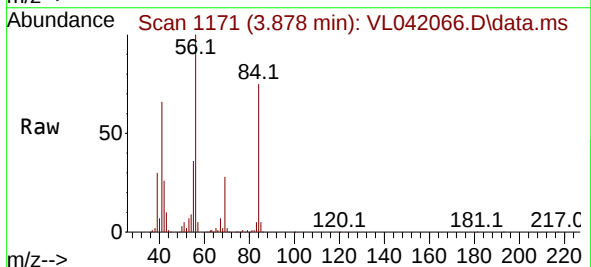
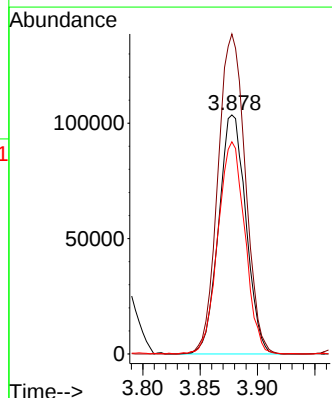
Tgt Ion: 84 Resp: 171156

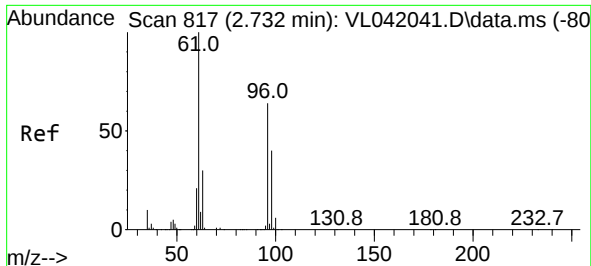
Ion Ratio Lower Upper

84 100

56 134.6 101.5 152.3

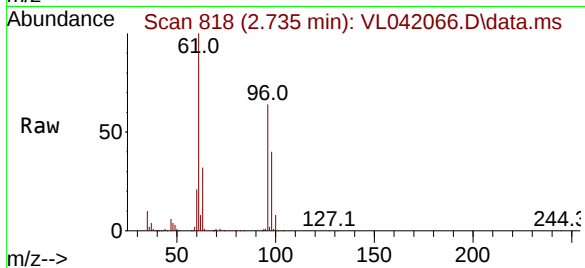
41 88.1 62.6 93.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.617 ppbv
 RT: 2.735 min Scan# 817
 Delta R.T. 0.003 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52

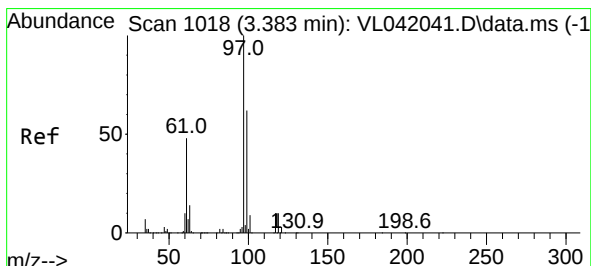
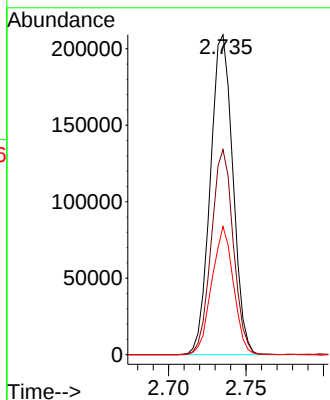
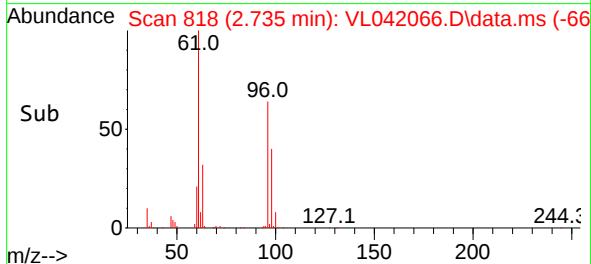
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



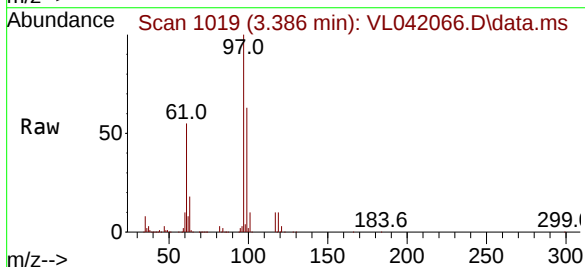
Tgt Ion: 61 Resp: 21170
 Ion Ratio Lower Upper
 61 100
 96 64.1 51.5 77.3
 98 40.0 32.0 48.0

Manual Integrations
 APPROVED

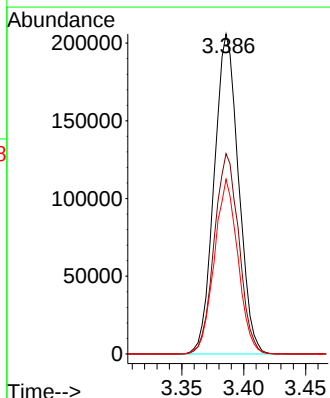
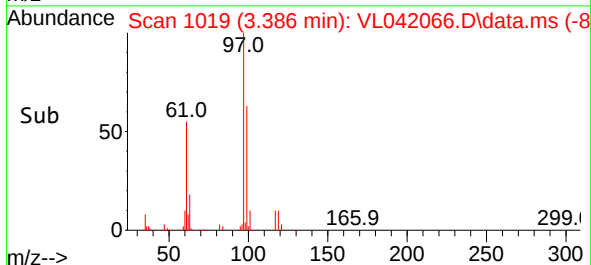
Reviewed By :Semsettin Yesilyurt 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

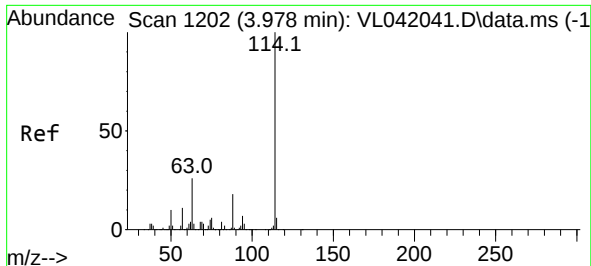


#32
 1,1,1-Trichloroethane
 Concen: 9.280 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. 0.003 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52



Tgt Ion: 97 Resp: 281737
 Ion Ratio Lower Upper
 97 100
 99 63.4 49.8 74.6
 61 53.2 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.981 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL042066.D

Acq: 27 Feb 2025 09:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 39283

Ion Ratio Lower Upper

114 100

63 26.7 20.1 30.1

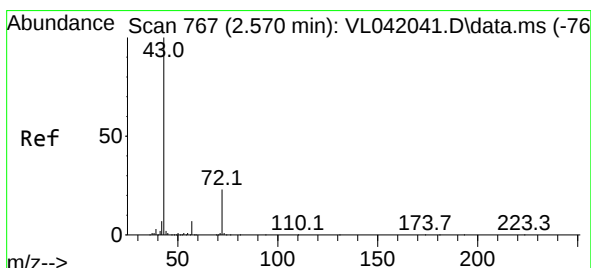
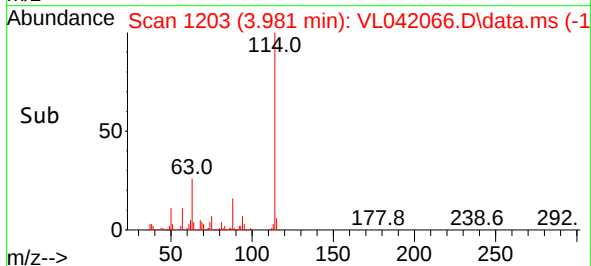
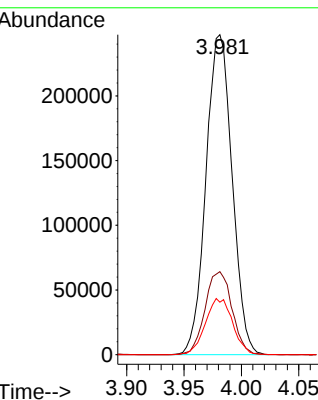
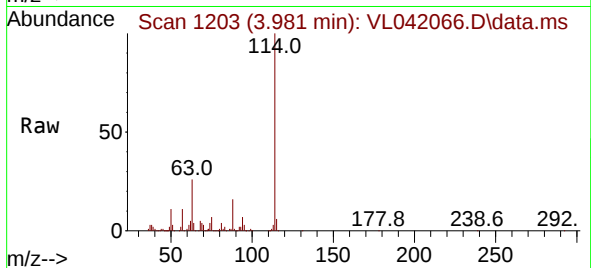
88 18.3 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

2-Butanone

Concen: 10.735 ppbv

RT: 2.570 min Scan# 767

Delta R.T. -0.000 min

Lab File: VL042066.D

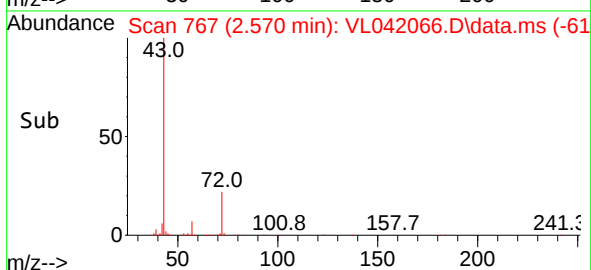
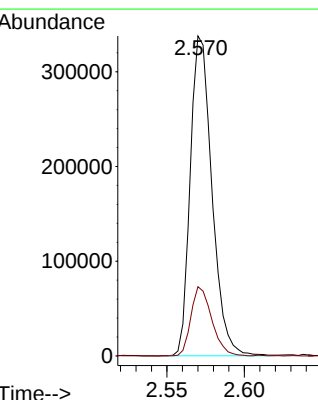
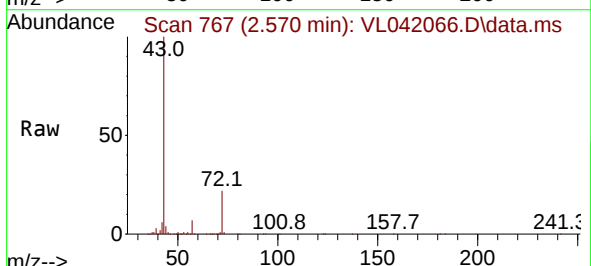
Acq: 27 Feb 2025 09:52

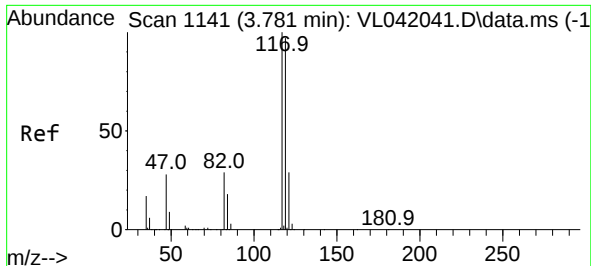
Tgt Ion: 43 Resp: 328532

Ion Ratio Lower Upper

43 100

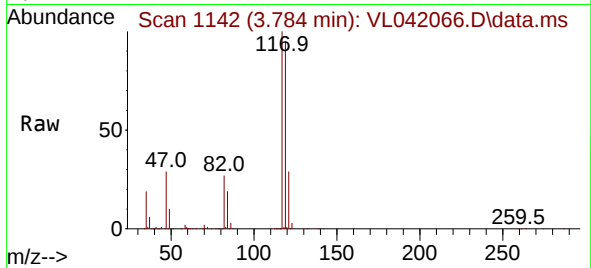
72 20.9 18.5 27.7





#35
Carbon Tetrachloride
Concen: 10.400 ppbv
RT: 3.784 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

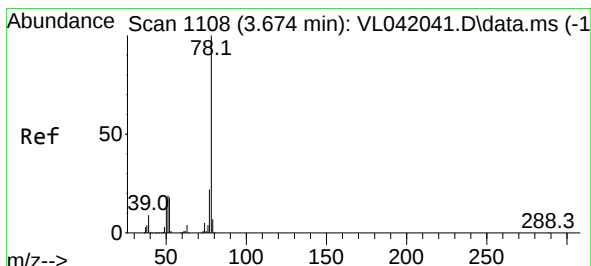
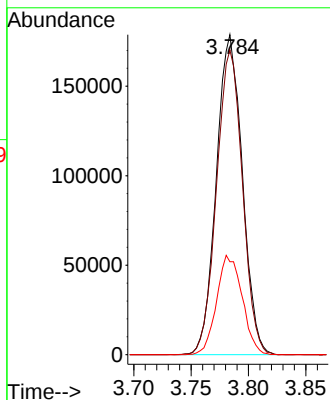
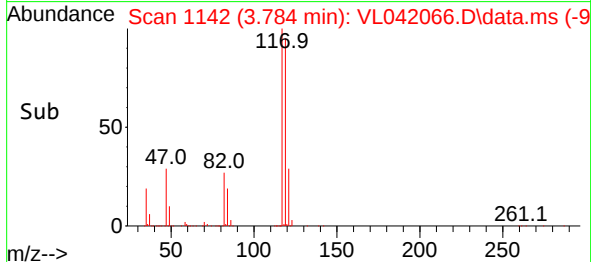
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 281730
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.8
121 29.1 23.4 35.0

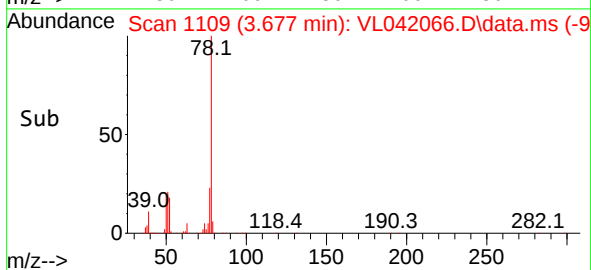
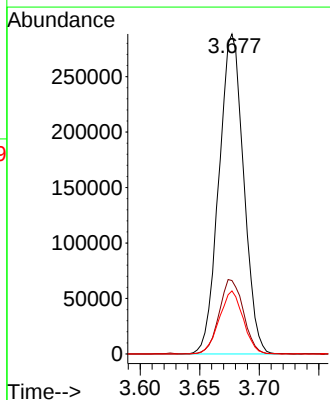
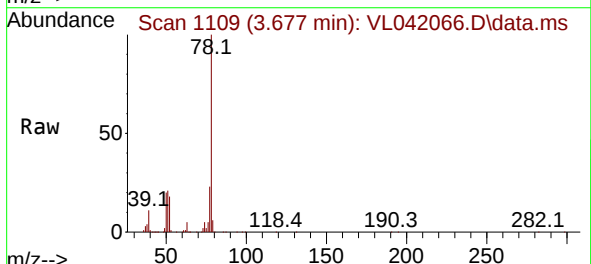
Manual Integrations
APPROVED

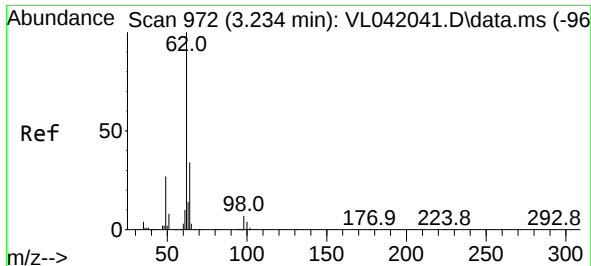
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#36
Benzene
Concen: 10.115 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

Tgt Ion: 78 Resp: 415968
Ion Ratio Lower Upper
78 100
77 22.9 17.7 26.5
50 19.7 13.9 20.9





#37

1,2-Dichloroethane

Concen: 10.427 ppbv

RT: 3.237 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL042066.D

Acq: 27 Feb 2025 09:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 23774

Ion Ratio Lower Upper

62 100

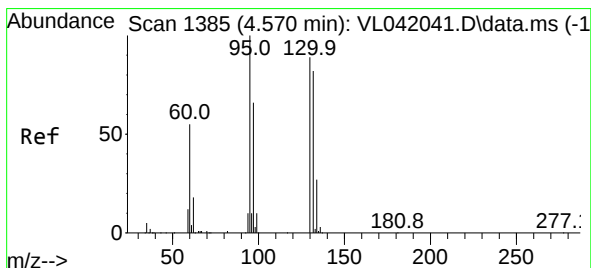
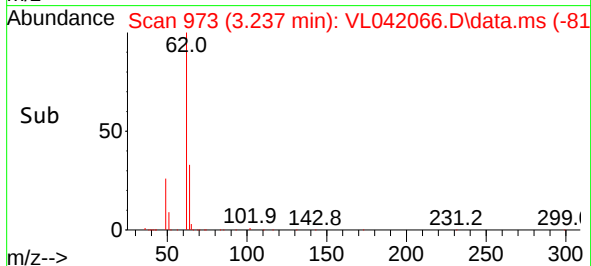
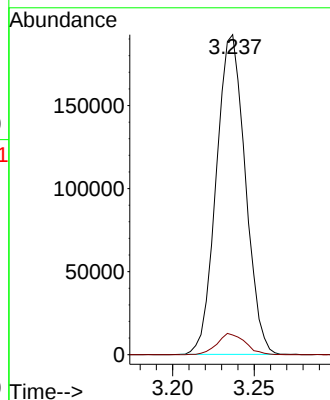
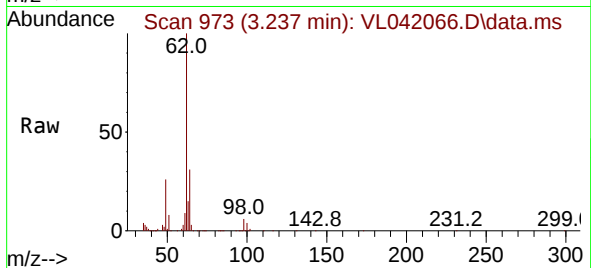
98 6.4 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#38

Trichloroethene

Concen: 9.269 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VL042066.D

Acq: 27 Feb 2025 09:52

Tgt Ion:130 Resp: 155654

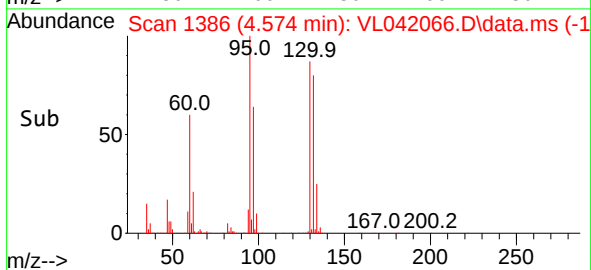
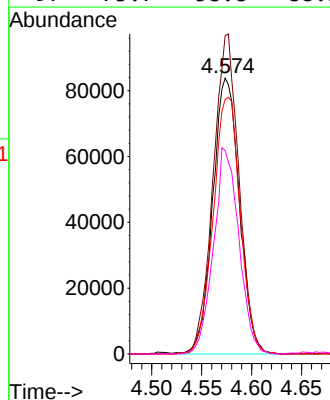
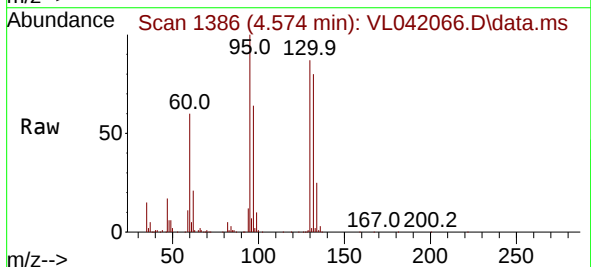
Ion Ratio Lower Upper

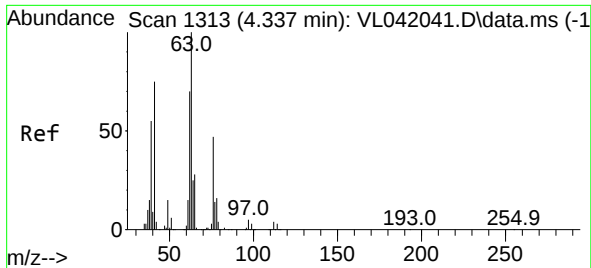
130 100

95 115.4 89.5 134.3

132 92.3 73.8 110.6

97 73.7 58.8 88.2





#39

1,2-Dichloropropane

Concen: 10.031 ppbv

RT: 4.340 min Scan# 1313

Delta R.T. 0.003 min

Lab File: VL042066.D

Acq: 27 Feb 2025 09:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 15658

Ion Ratio Lower Upper

63 100

41 78.9 60.1 90.1

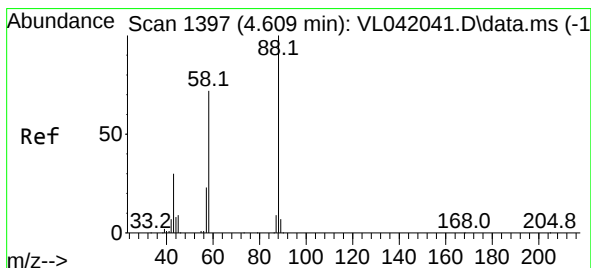
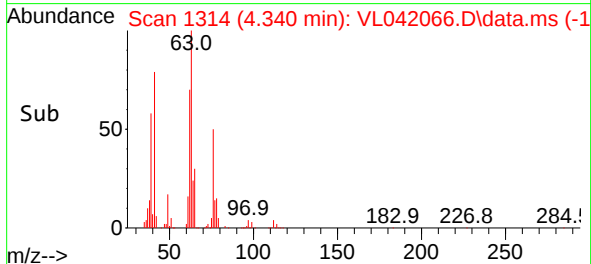
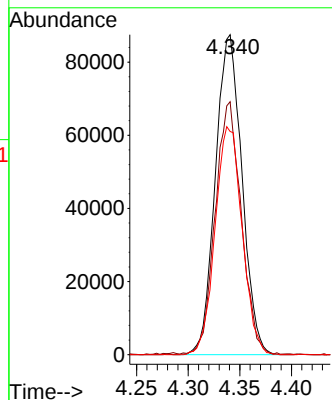
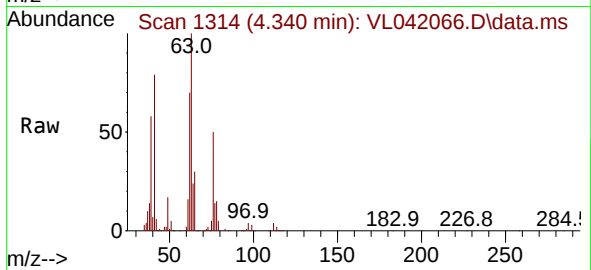
62 69.7 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

1,4-Dioxane

Concen: 9.480 ppbv

RT: 4.612 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VL042066.D

Acq: 27 Feb 2025 09:52

Tgt Ion: 88 Resp: 67551

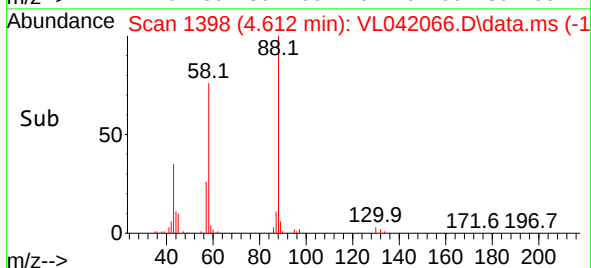
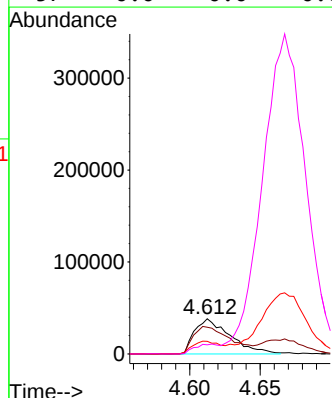
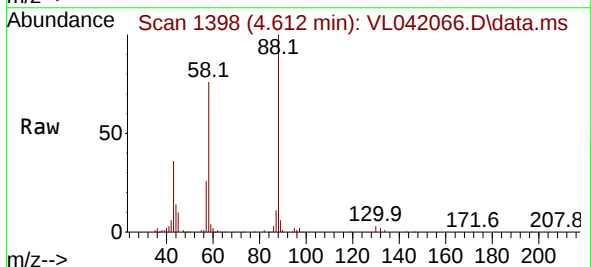
Ion Ratio Lower Upper

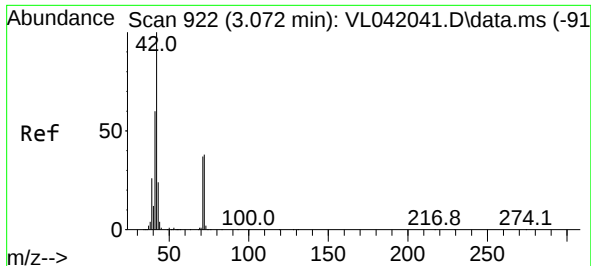
88 100

58 84.5 62.6 94.0

43 0.0 0.0 0.0

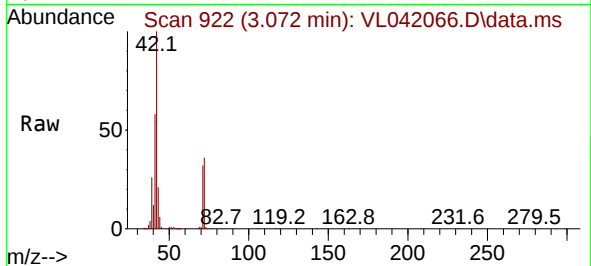
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.393 ppbv
RT: 3.072 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

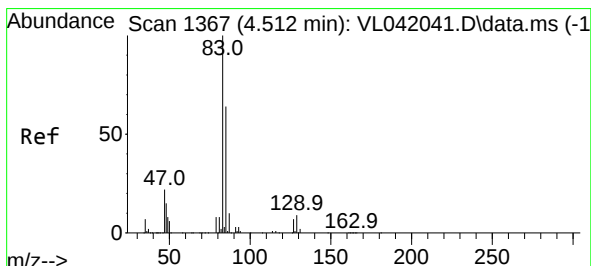
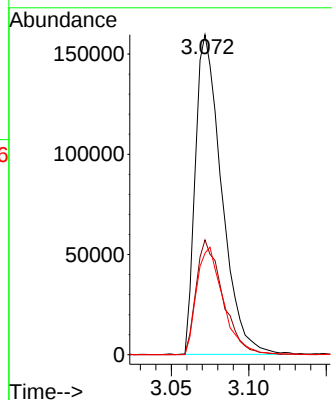
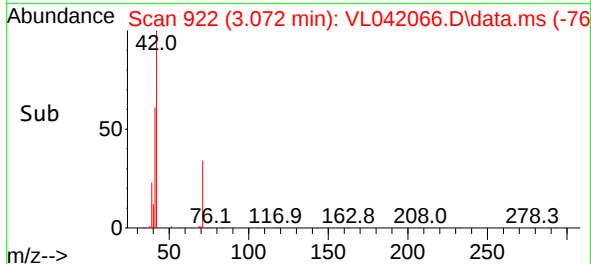
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



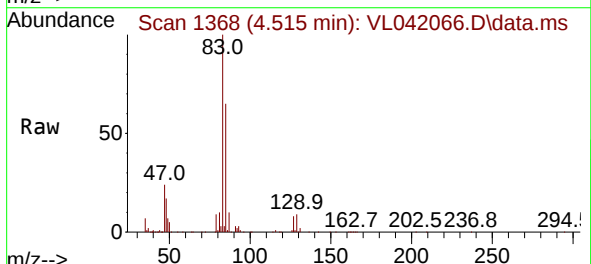
Tgt Ion: 42 Resp: 187930
Ion Ratio Lower Upper
42 100
72 36.4 30.2 45.2
71 34.3 28.2 42.4

Manual Integrations
APPROVED

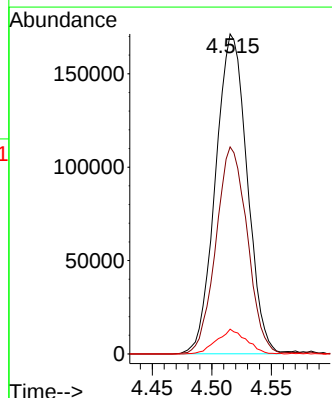
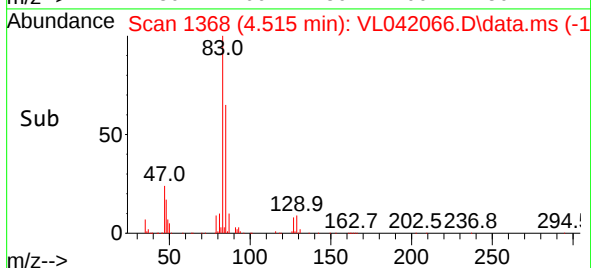
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

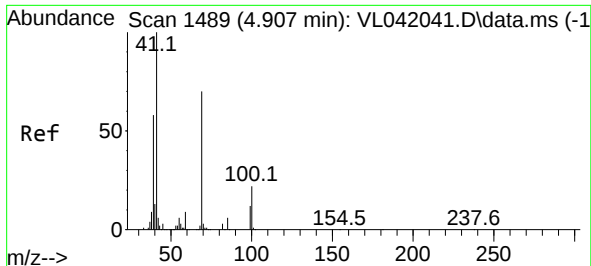


#42
Bromodichloromethane
Concen: 10.268 ppbv
RT: 4.515 min Scan# 1368
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



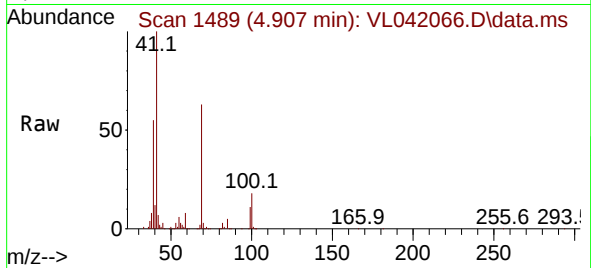
Tgt Ion: 83 Resp: 315419
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.2
127 7.8 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.124 ppbv
RT: 4.907 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

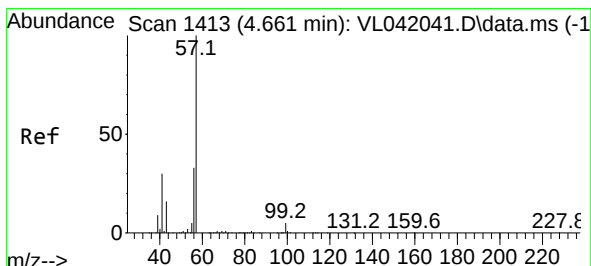
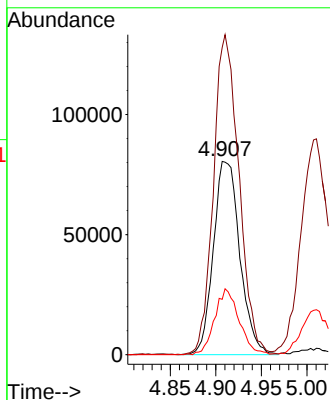
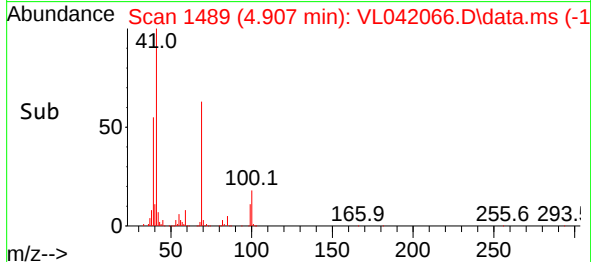
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



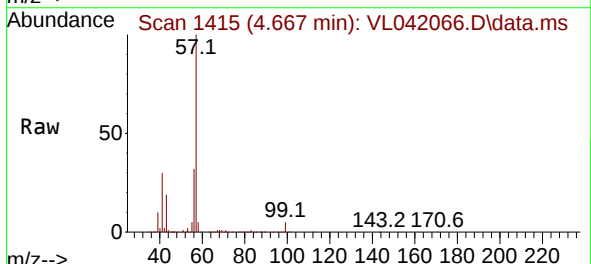
Tgt Ion: 69 Resp: 16259
Ion Ratio Lower Upper
69 100
41 159.4 118.2 177.4
100 31.5 27.0 40.4

Manual Integrations
APPROVED

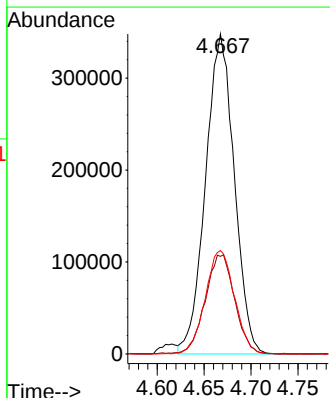
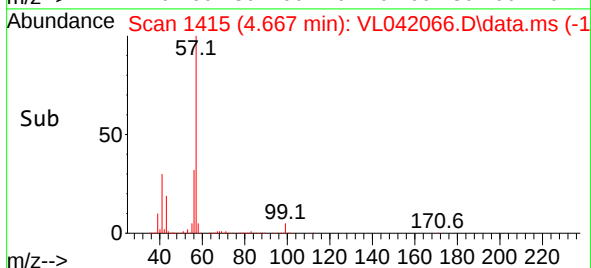
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

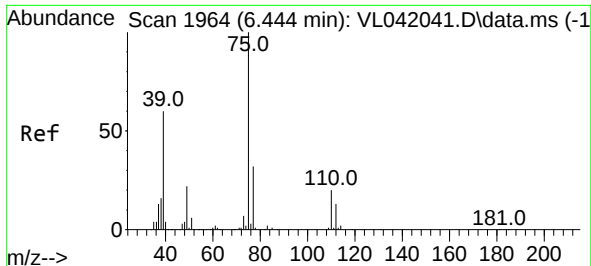


#44
2,2,4-Trimethylpentane
Concen: 10.183 ppbv
RT: 4.667 min Scan# 1415
Delta R.T. 0.006 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



Tgt Ion: 57 Resp: 739087
Ion Ratio Lower Upper
57 100
41 32.1 24.4 36.6
56 33.0 26.5 39.7





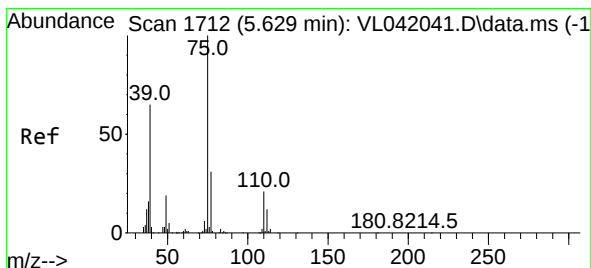
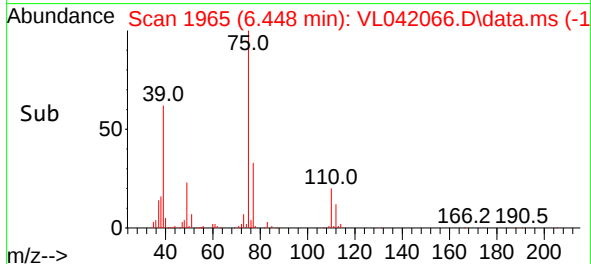
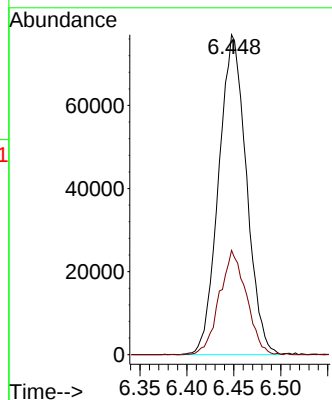
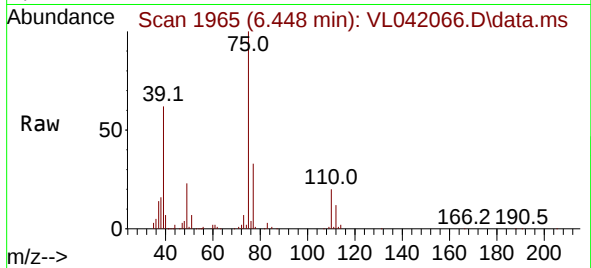
#45
t-1,3-Dichloropropene
Concen: 9.913 ppbv
RT: 6.448 min Scan# 1964
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 158174
Ion Ratio Lower Upper
75 100
77 32.6 25.9 38.9

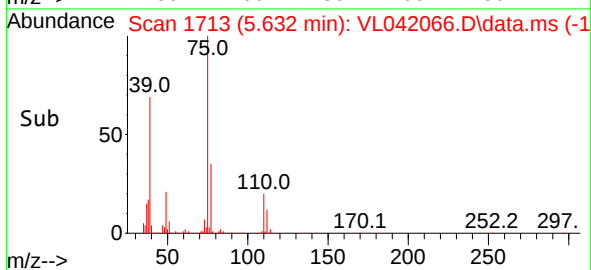
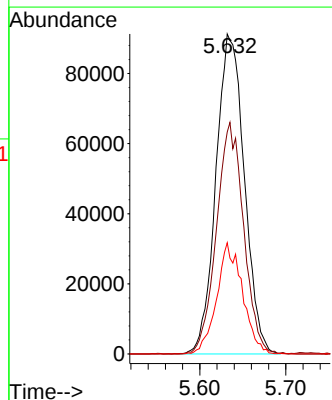
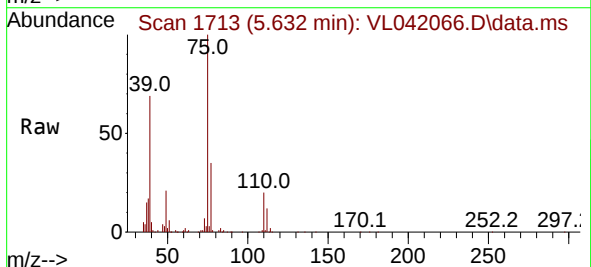
Manual Integrations
APPROVED

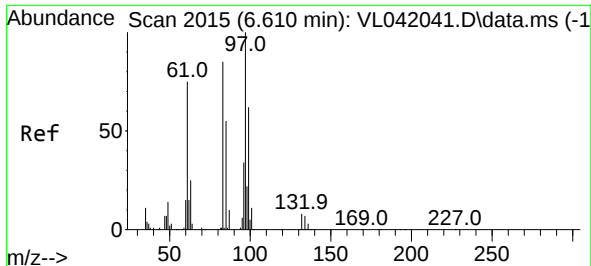
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#46
cis-1,3-Dichloropropene
Concen: 10.124 ppbv
RT: 5.632 min Scan# 1713
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

Tgt Ion: 75 Resp: 209028
Ion Ratio Lower Upper
75 100
39 69.2 51.9 77.9
77 34.8 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 9.745 ppbv

RT: 6.613 min Scan# 2015

Delta R.T. 0.003 min

Lab File: VL042066.D

Acq: 27 Feb 2025 09:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 154410

Ion Ratio Lower Upper

97 100

83 84.0 68.1 102.1

85 57.3 44.0 66.0

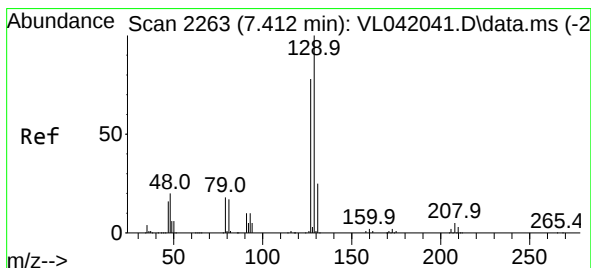
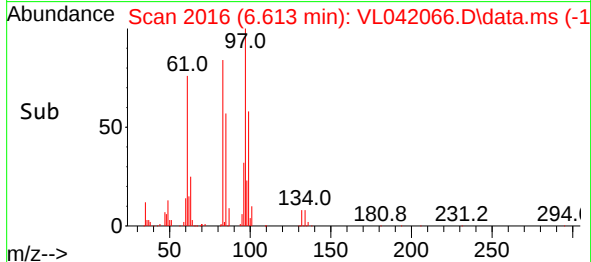
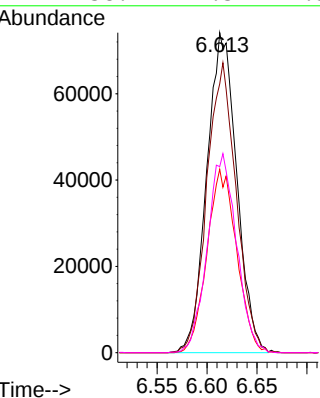
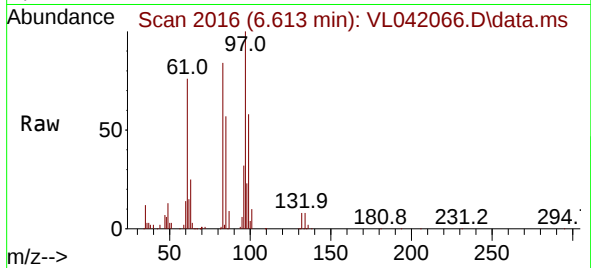
99 58.2 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#48

Dibromochloromethane

Concen: 9.766 ppbv

RT: 7.415 min Scan# 2264

Delta R.T. 0.003 min

Lab File: VL042066.D

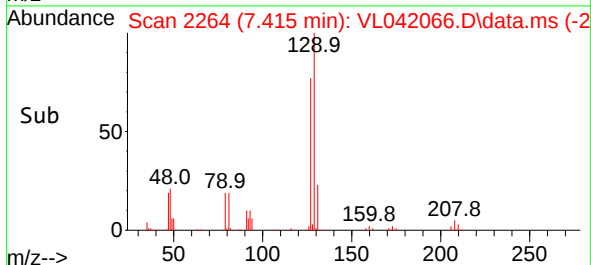
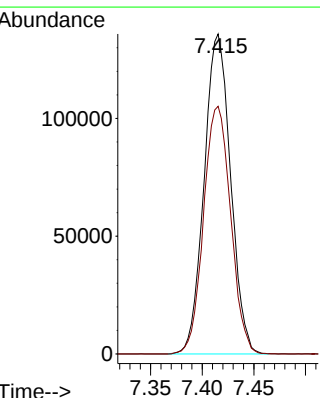
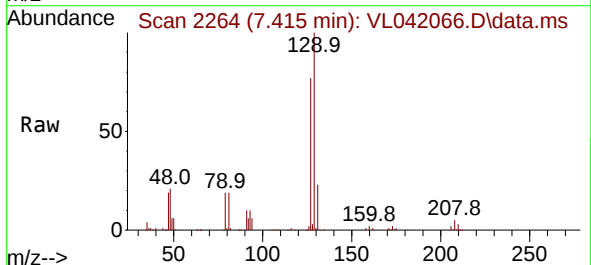
Acq: 27 Feb 2025 09:52

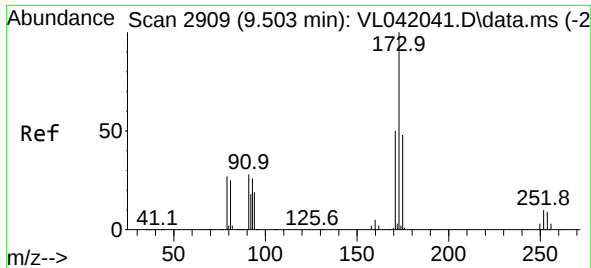
Tgt Ion:129 Resp: 242372

Ion Ratio Lower Upper

129 100

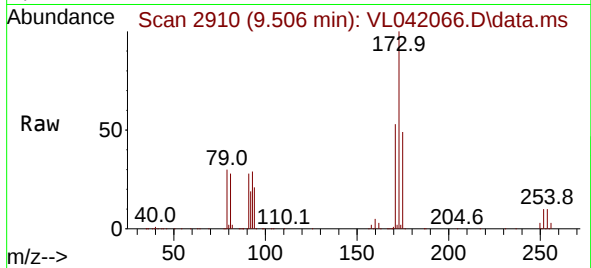
127 79.2 38.6 115.8





#49
Bromoform
Concen: 9.770 ppbv
RT: 9.506 min Scan# 2909
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

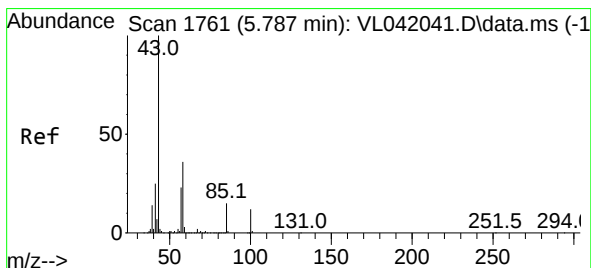
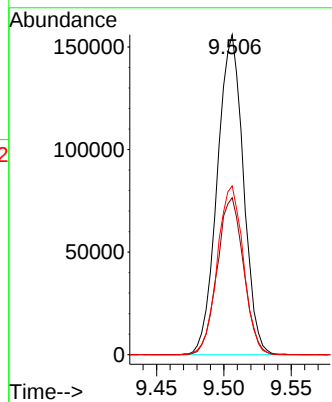
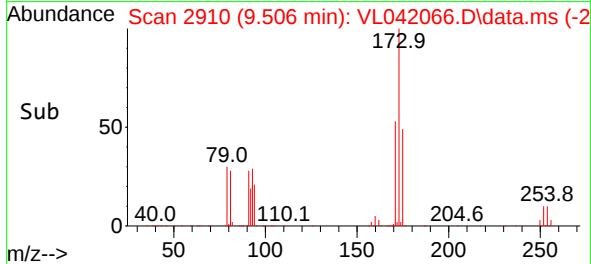
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



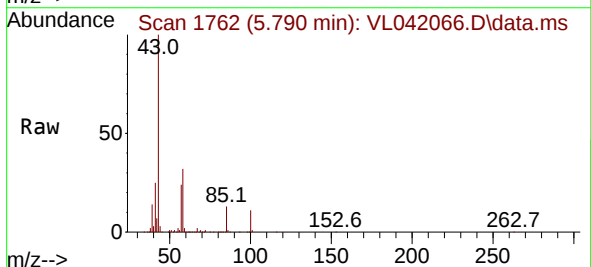
Tgt Ion:173 Resp: 21057
Ion Ratio Lower Upper
173 100
175 49.5 38.3 57.5
171 52.6 40.2 60.2

Manual Integrations
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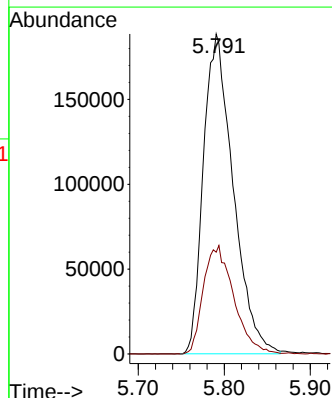
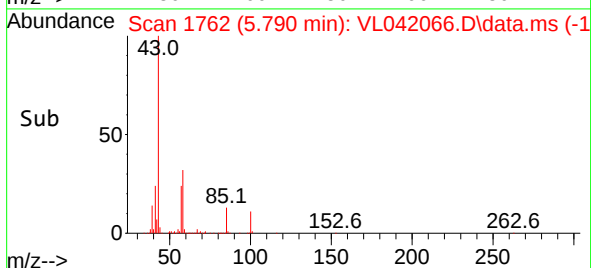
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

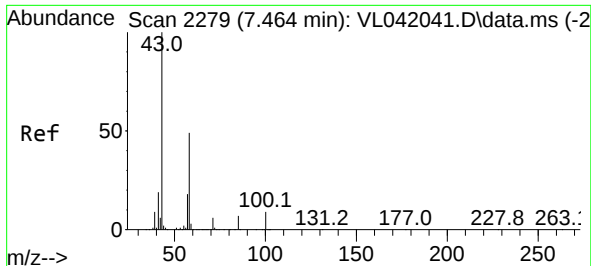


#50
4-Methyl-2-Pentanone
Concen: 11.450 ppbv
RT: 5.790 min Scan# 1762
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



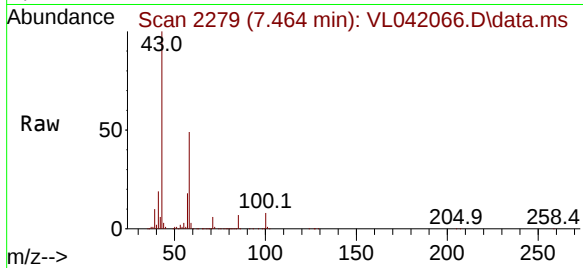
Tgt Ion: 43 Resp: 453208
Ion Ratio Lower Upper
43 100
58 34.6 29.3 43.9





#51
2-Hexanone
Concen: 13.432 ppbv
RT: 7.464 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

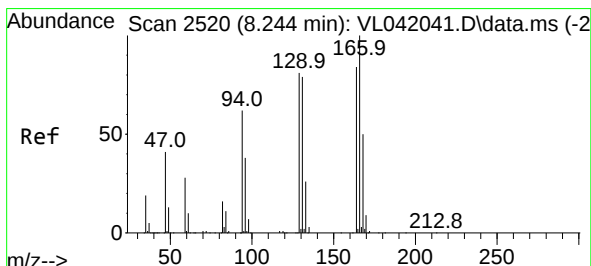
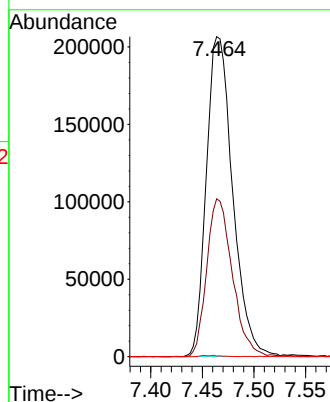
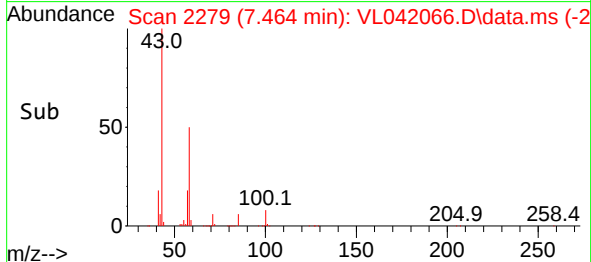
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 36589
Ion Ratio Lower Upper
43 100
58 48.2 39.0 58.6
98 0.4 0.1 0.1

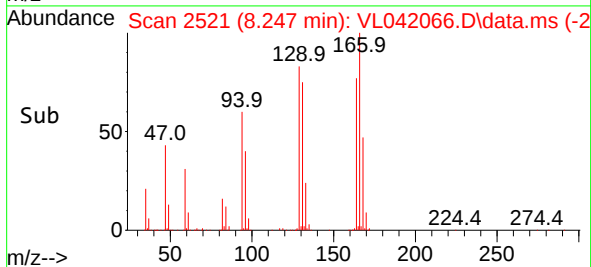
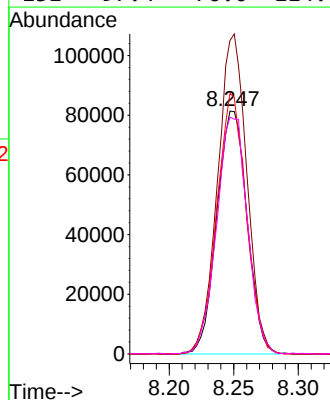
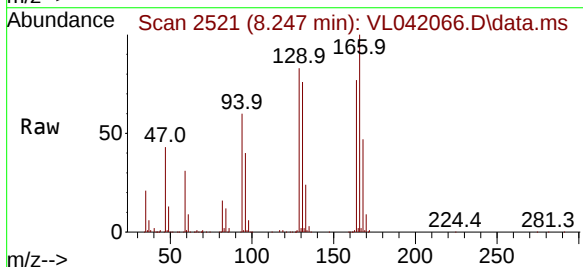
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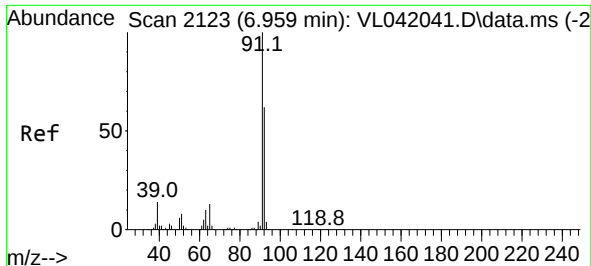
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Tetrachloroethene
Concen: 9.424 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

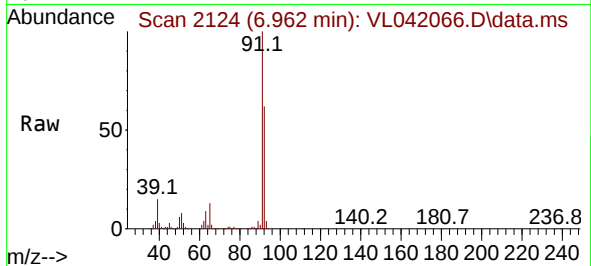
Tgt Ion:164 Resp: 132672
Ion Ratio Lower Upper
164 100
166 129.0 95.7 143.5
129 107.1 77.1 115.7
131 97.4 76.0 114.0





#53
Toluene
Concen: 9.820 ppbv
RT: 6.962 min Scan# 2124
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

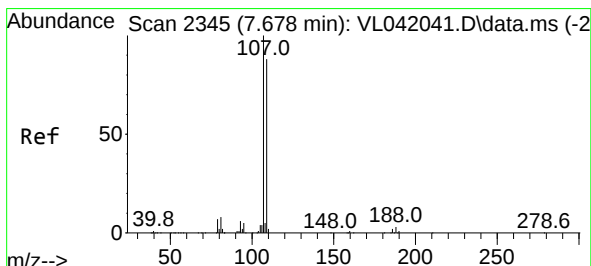
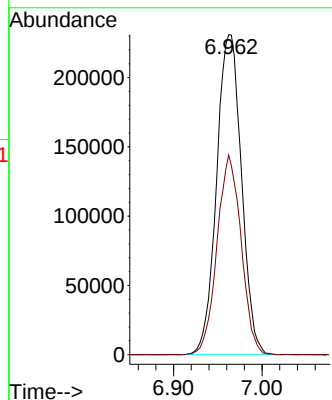
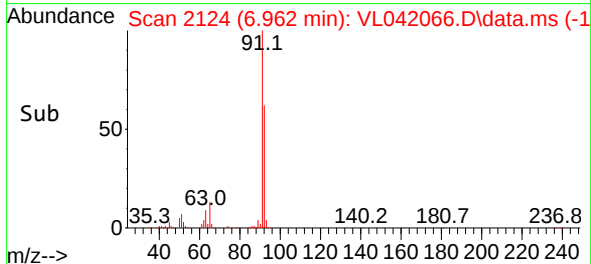
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



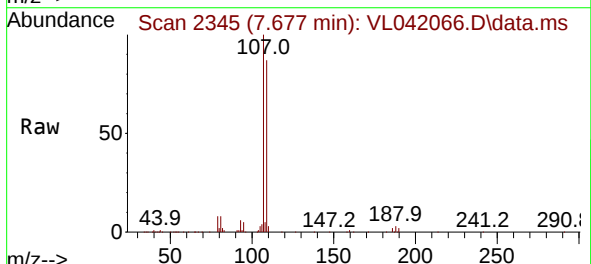
Tgt Ion: 91 Resp: 451339
Ion Ratio Lower Upper
91 100
92 60.4 49.0 73.6

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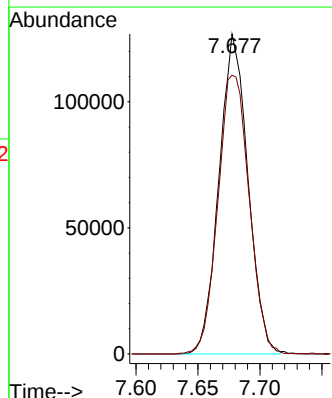
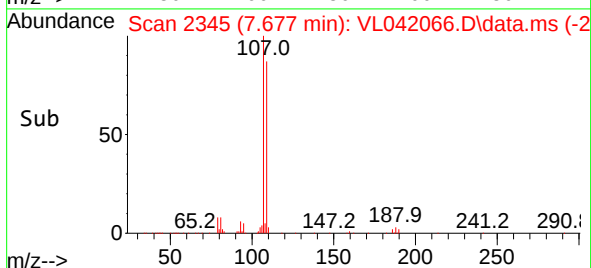
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

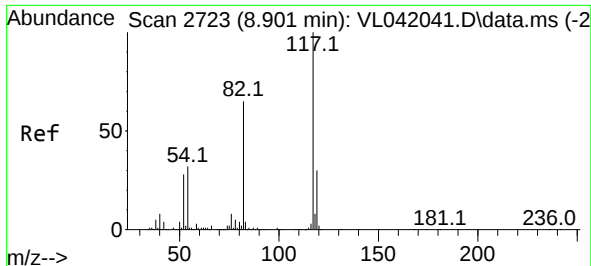


#54
1,2-Dibromoethane
Concen: 9.616 ppbv
RT: 7.677 min Scan# 2345
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



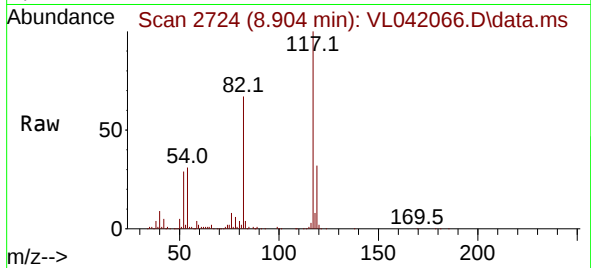
Tgt Ion:107 Resp: 206018
Ion Ratio Lower Upper
107 100
109 86.7 70.2 105.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 2723
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

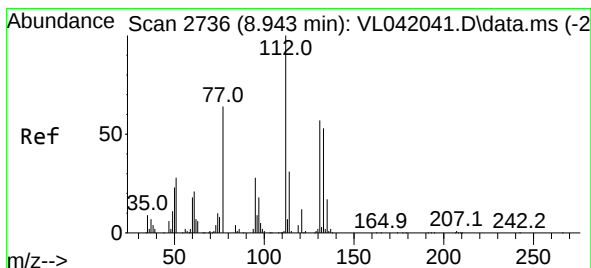
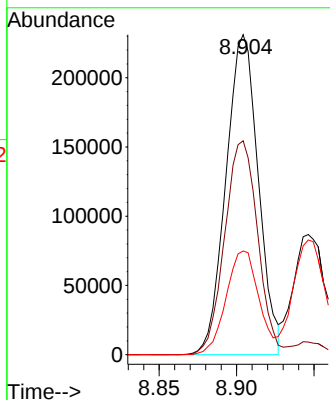
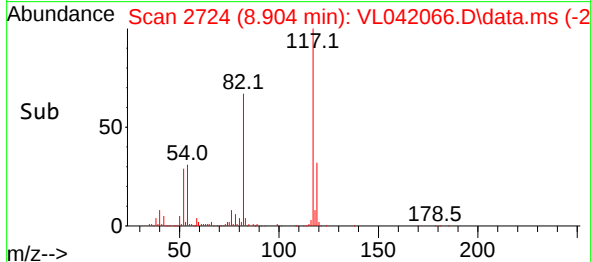
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 336108
Ion Ratio Lower Upper
117 100
82 72.2 55.0 82.6
119 32.5 25.9 38.9

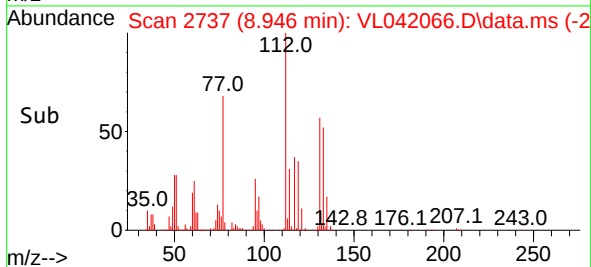
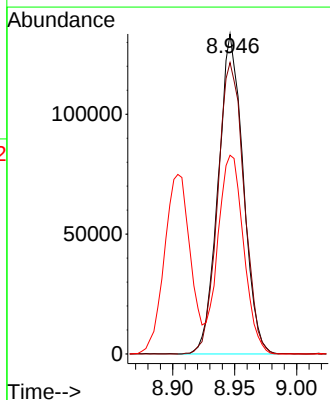
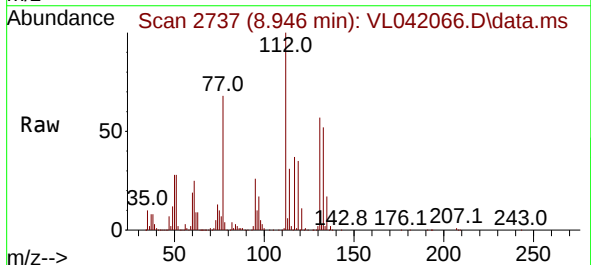
Manual Integrations
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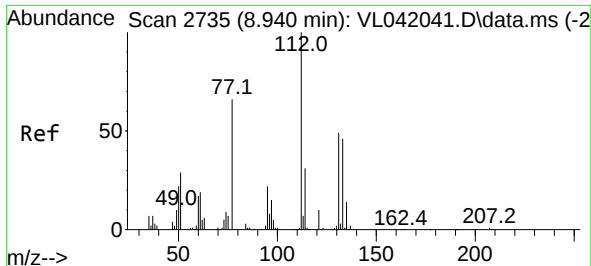
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.859 ppbv
RT: 8.946 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

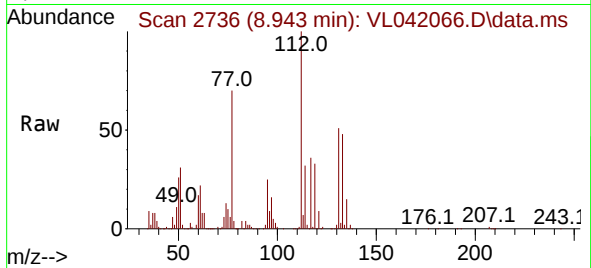
Tgt Ion:131 Resp: 187290
Ion Ratio Lower Upper
131 100
133 96.1 75.8 113.8
119 66.0 52.1 78.1





#57
Chlorobenzene
Concen: 9.882 ppbv
RT: 8.943 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

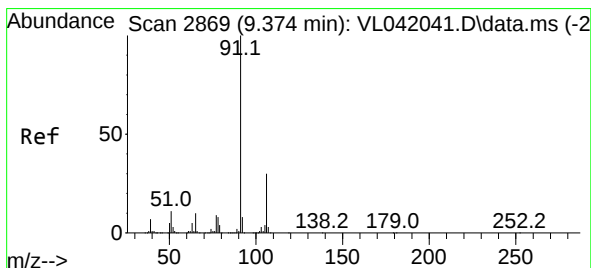
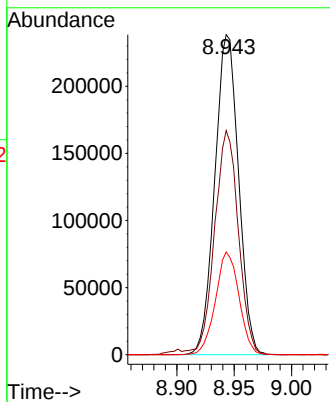
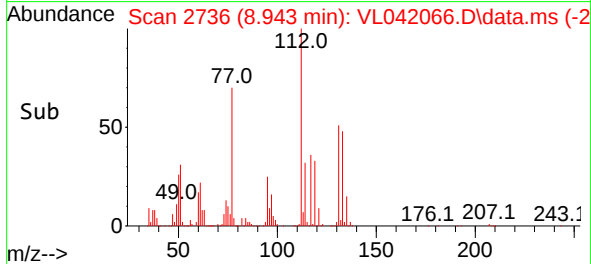
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 344354
Ion Ratio Lower Upper
112 100
77 70.0 53.4 80.2
114 32.1 28.3 34.5

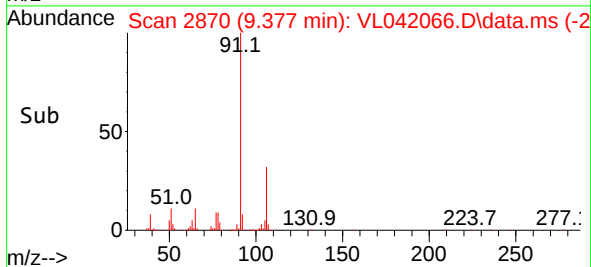
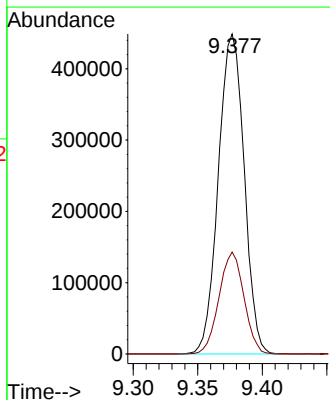
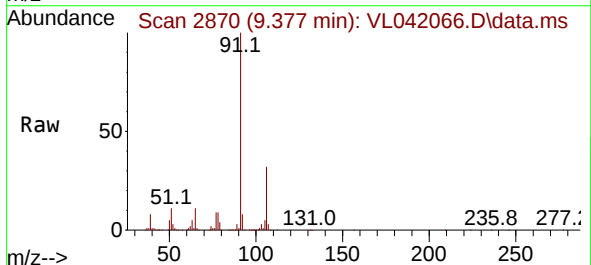
Manual Integrations
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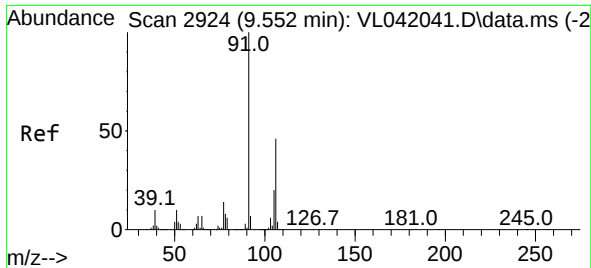
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#58
Ethyl Benzene
Concen: 10.072 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

Tgt Ion: 91 Resp: 623468
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.2





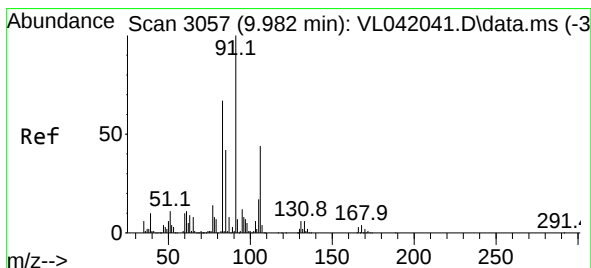
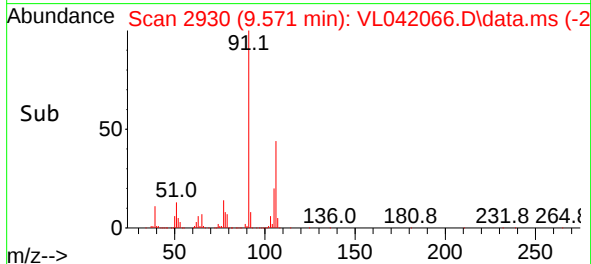
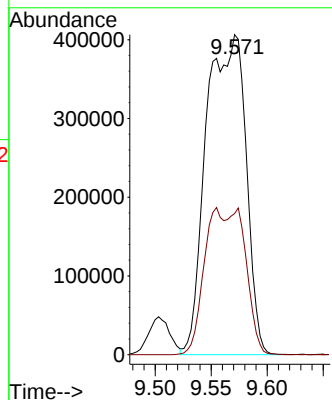
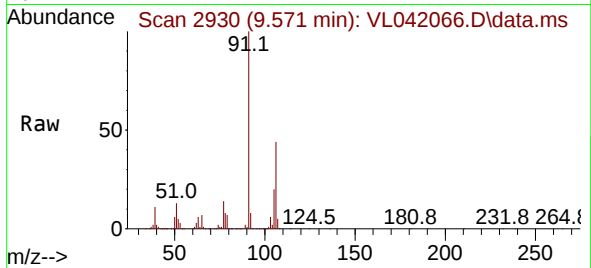
#59
m/p-Xylene
Concen: 20.281 ppbv
RT: 9.571 min Scan# 2924
Delta R.T. 0.019 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 999020
Ion Ratio Lower Upper
91 100
106 46.8 0.0 0.0

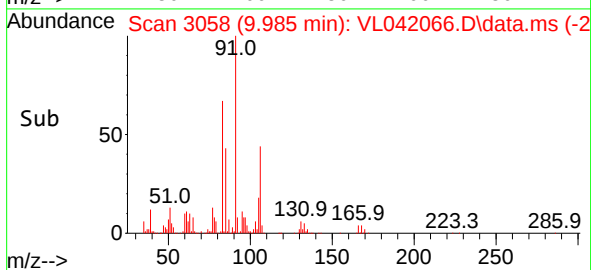
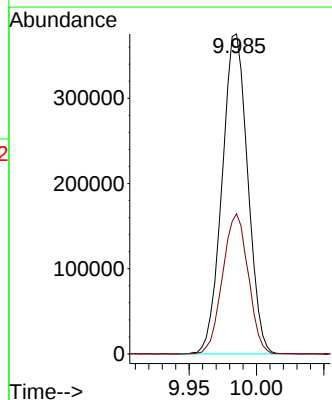
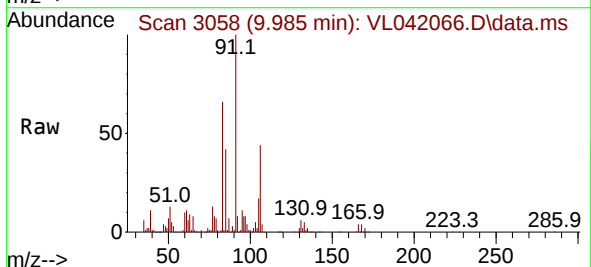
Manual Integrations
APPROVED

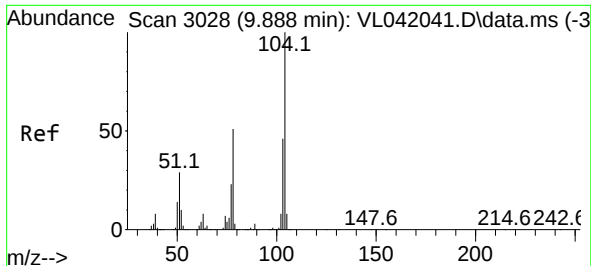
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#60
o-Xylene
Concen: 10.033 ppbv
RT: 9.985 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

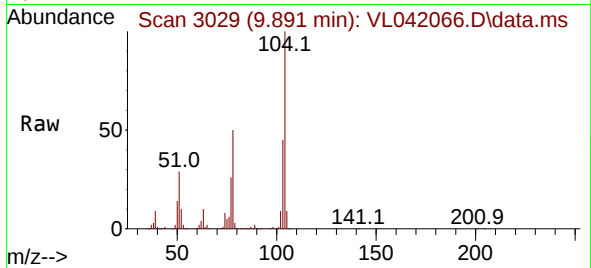
Tgt Ion: 91 Resp: 496842
Ion Ratio Lower Upper
91 100
106 43.8 22.3 66.8





#61
Styrene
Concen: 10.164 ppbv
RT: 9.891 min Scan# 3028
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

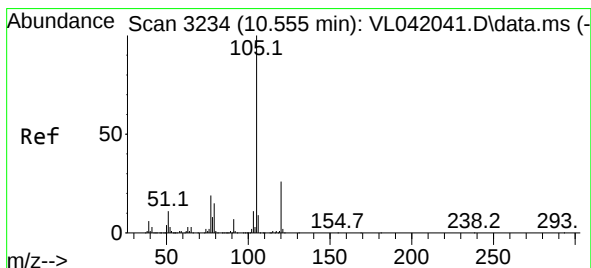
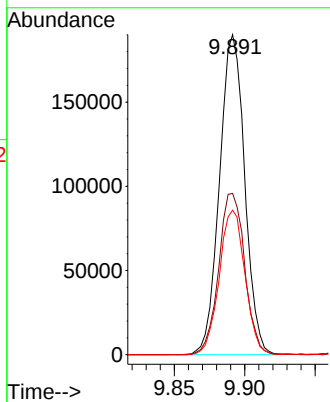
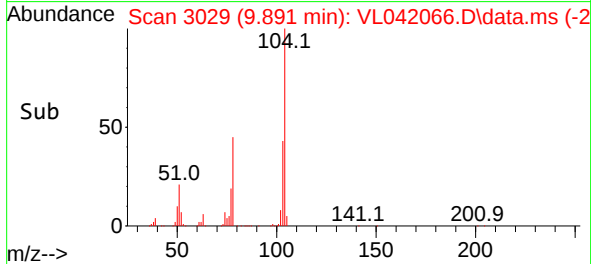
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



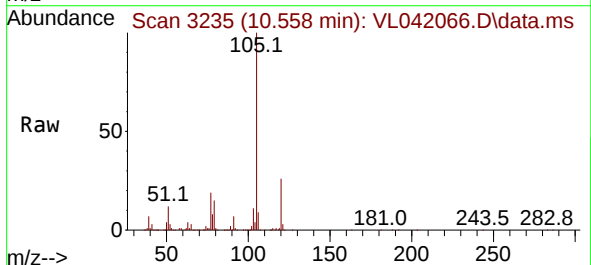
Tgt Ion:104 Resp: 236629
Ion Ratio Lower Upper
104 100
78 52.2 41.0 61.4
103 46.3 37.0 55.6

Manual Integrations
APPROVED

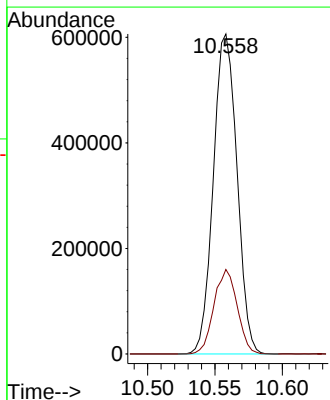
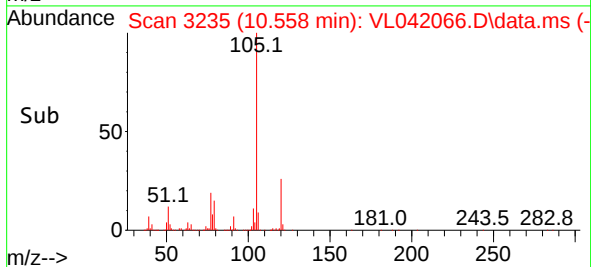
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

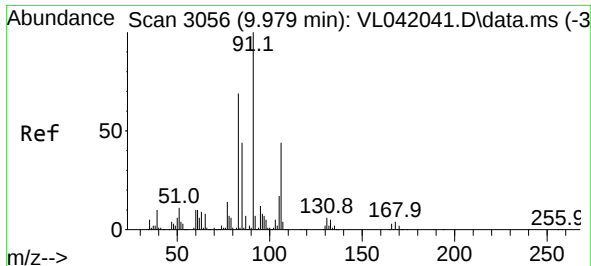


#62
Isopropylbenzene
Concen: 9.982 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



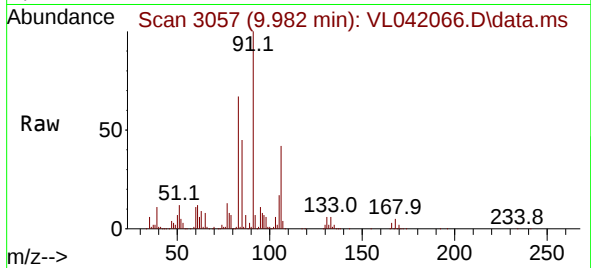
Tgt Ion:105 Resp: 740293
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 10.060 ppbv
RT: 9.982 min Scan# 3056
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

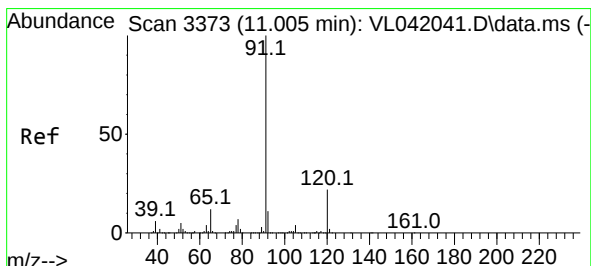
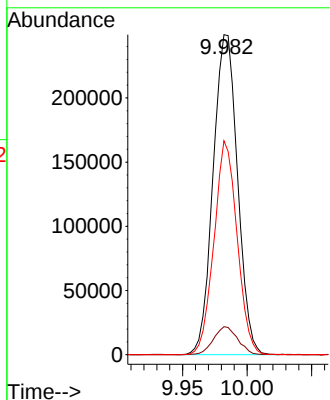
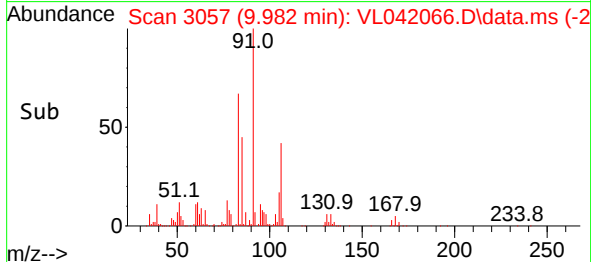
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



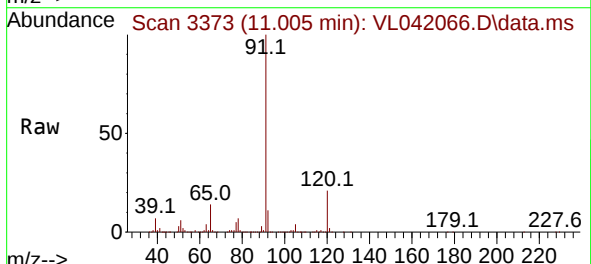
Tgt Ion: 83 Resp: 328074
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.7
85 63.2 32.1 96.3

Manual Integrations
APPROVED

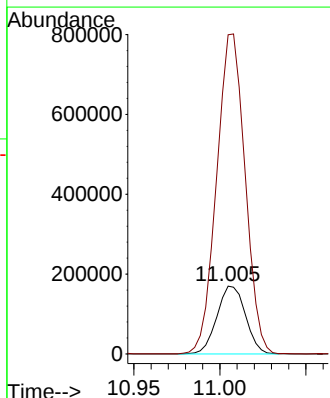
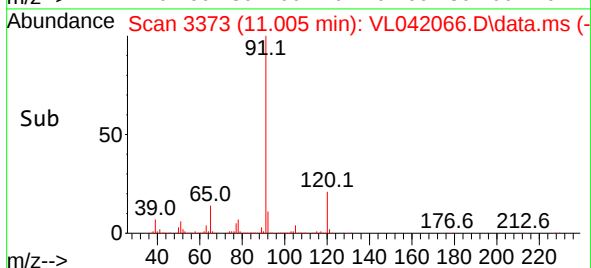
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

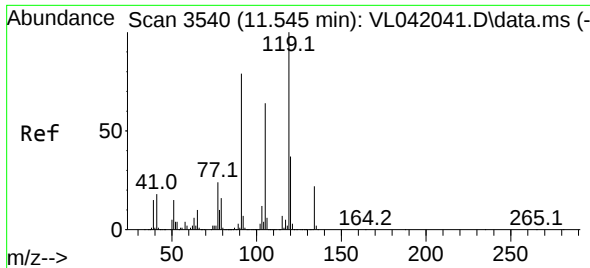


#64
n-propylbenzene
Concen: 10.086 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



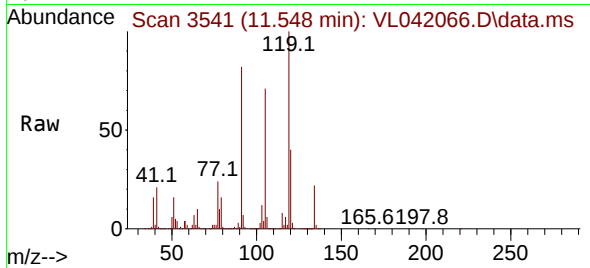
Tgt Ion:120 Resp: 196197
Ion Ratio Lower Upper
120 100
91 470.5 370.6 556.0





#65
tert-Butylbenzene
Concen: 9.678 ppbv
RT: 11.548 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

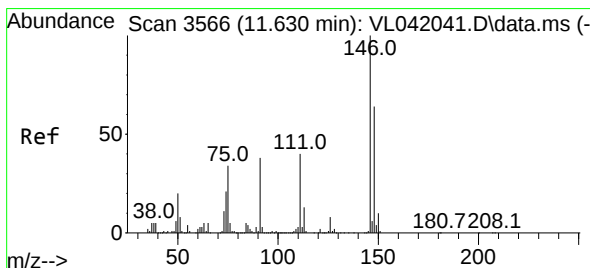
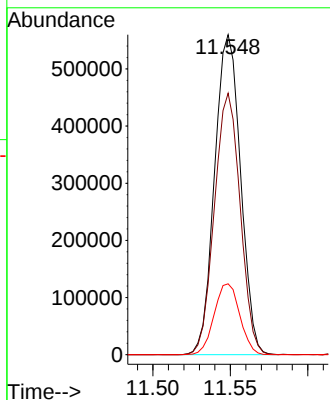
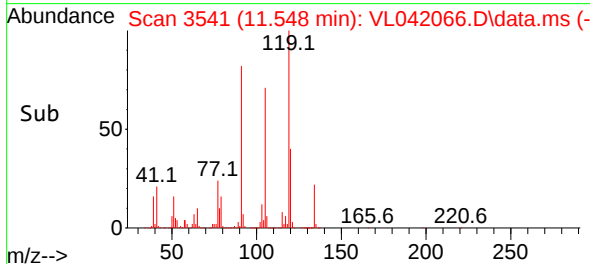
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 119 Resp: 653248
Ion Ratio Lower Upper
119 100
91 81.1 64.2 96.2
134 21.9 17.4 26.2

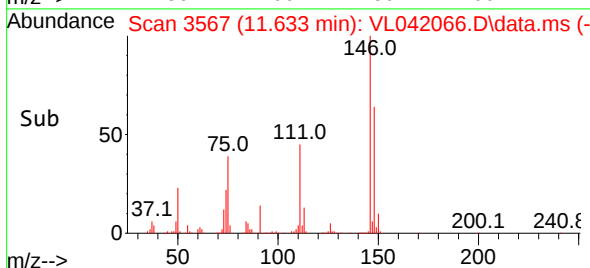
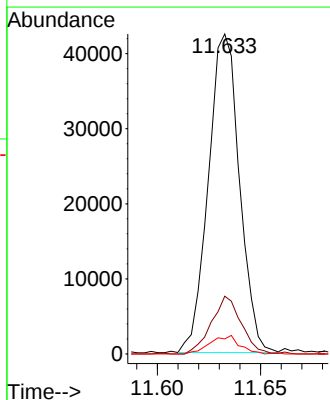
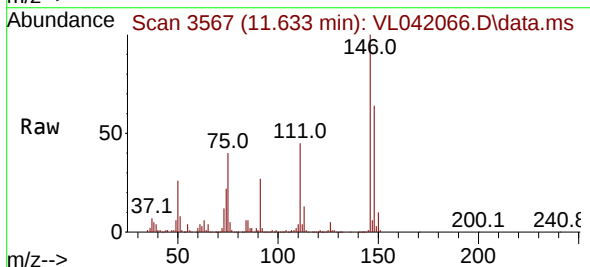
Manual Integrations
APPROVED

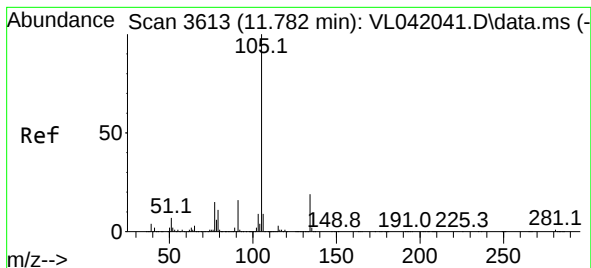
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#66
Benzyl Chloride
Concen: 8.652 ppbv
RT: 11.633 min Scan# 3567
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

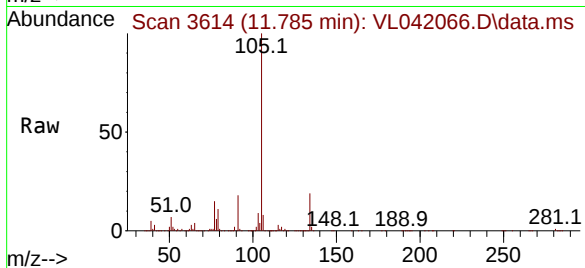
Tgt Ion: 91 Resp: 44563
Ion Ratio Lower Upper
91 100
126 17.5 14.5 21.7
128 5.6 5.4 8.2





#67
 sec-Butylbenzene
 Concen: 9.838 ppbv
 RT: 11.785 min Scan# 3614
 Delta R.T. 0.003 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52

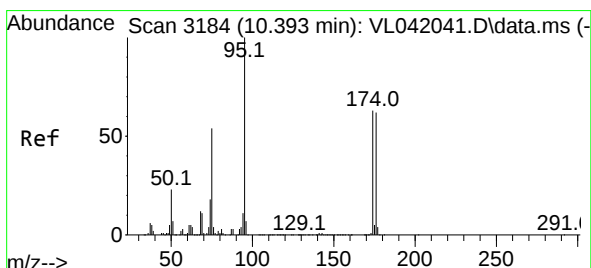
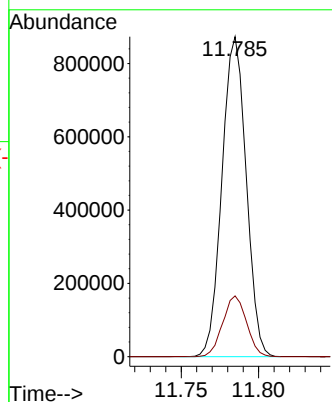
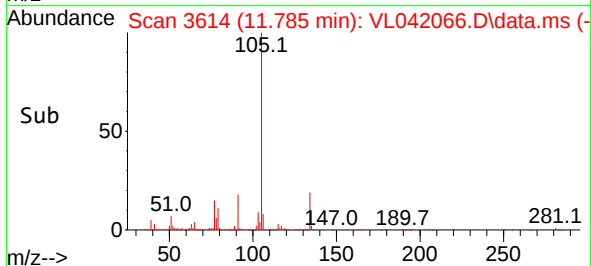
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



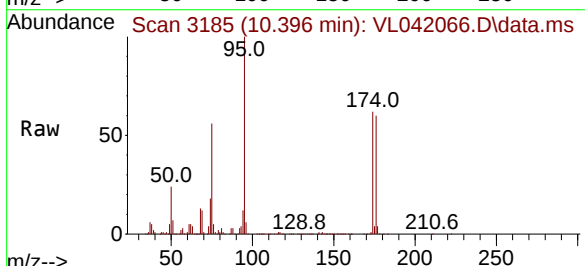
Tgt Ion: 105 Resp: 949670
 Ion Ratio Lower Upper
 105 100
 134 18.7 14.9 22.3

Manual Integrations
 APPROVED

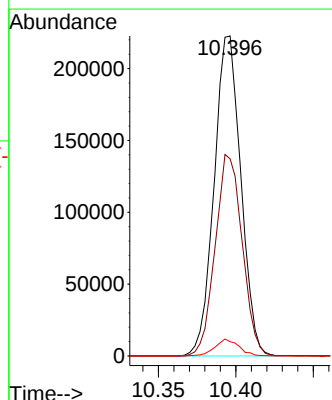
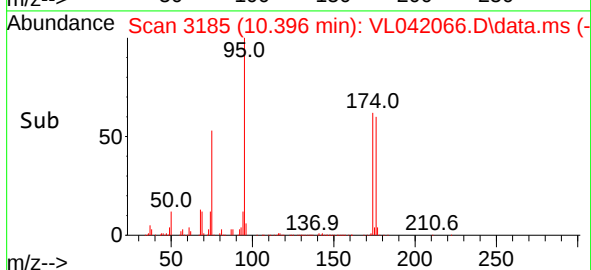
Reviewed By :Semsettin Yesilyurt 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

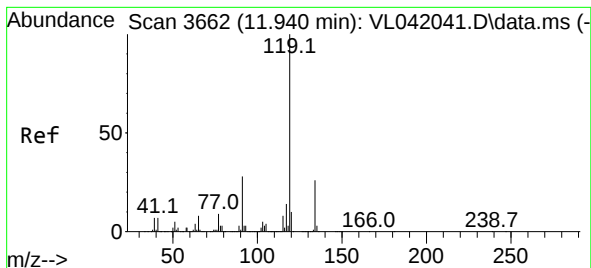


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.328 ppbv
 RT: 10.396 min Scan# 3185
 Delta R.T. 0.003 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52



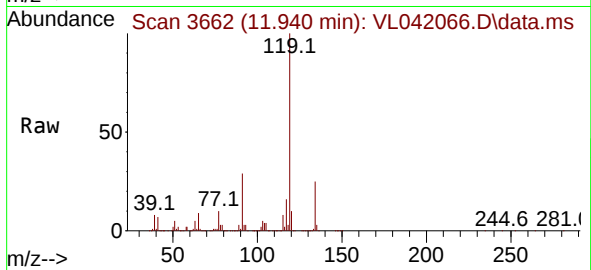
Tgt Ion: 95 Resp: 267067
 Ion Ratio Lower Upper
 95 100
 174 63.6 51.8 77.6
 175 4.7 3.9 5.9





#69
p-Isopropyltoluene
Concen: 9.978 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

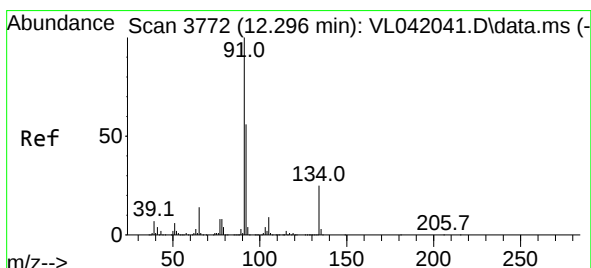
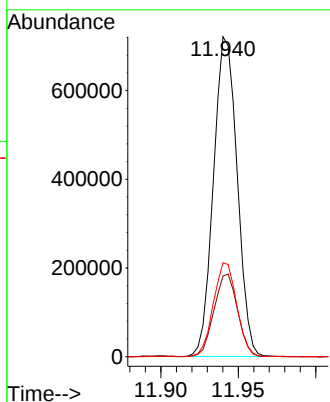
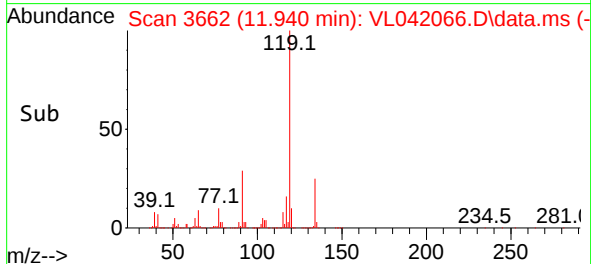
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



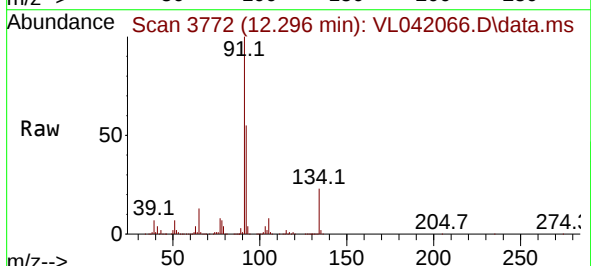
Tgt Ion: 119 Resp: 766262
Ion Ratio Lower Upper
119 100
134 25.9 20.9 31.3
91 29.2 23.1 34.7

Manual Integrations
APPROVED

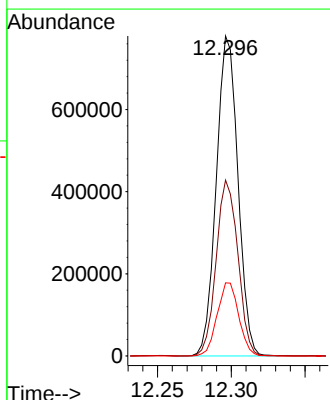
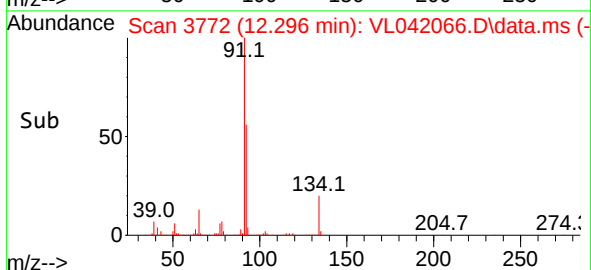
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

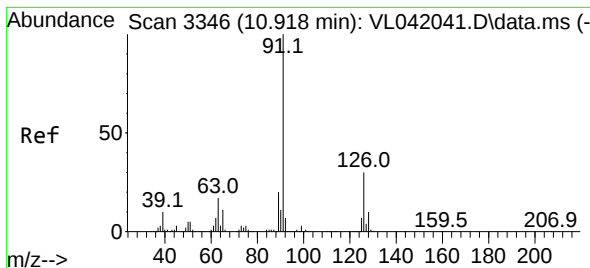


#70
n-Butylbenzene
Concen: 10.142 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



Tgt Ion: 91 Resp: 795100
Ion Ratio Lower Upper
91 100
92 55.2 44.7 67.1
134 22.8 18.9 28.3





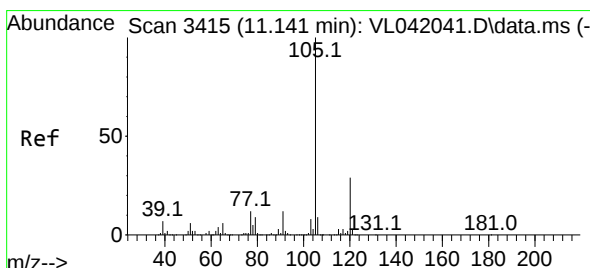
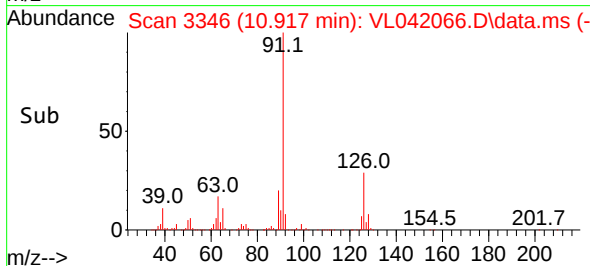
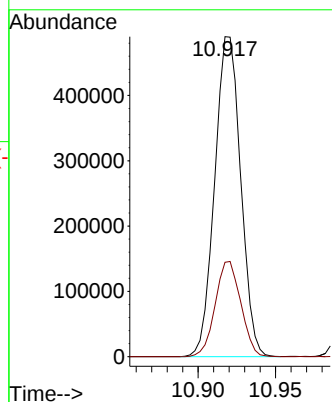
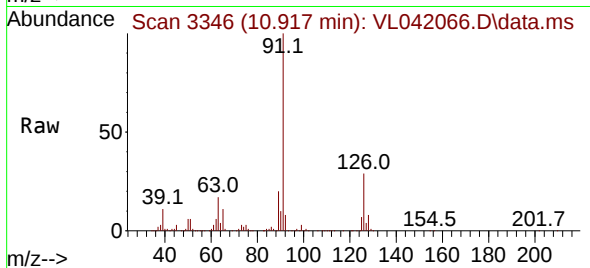
#71
2-Chlorotoluene
Concen: 9.992 ppbv
RT: 10.917 min Scan# 3346
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 571270
Ion Ratio Lower Upper
91 100
126 29.2 11.9 47.5

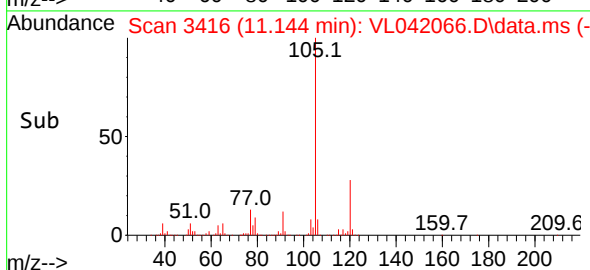
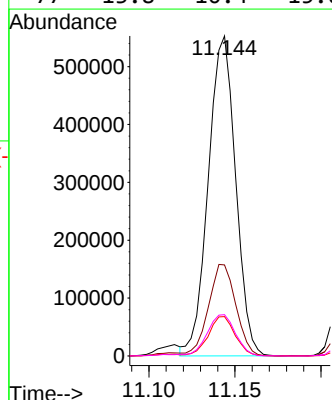
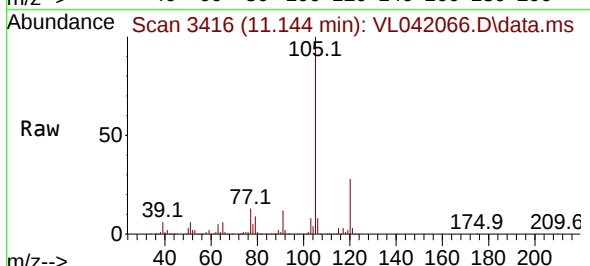
Manual Integrations
APPROVED

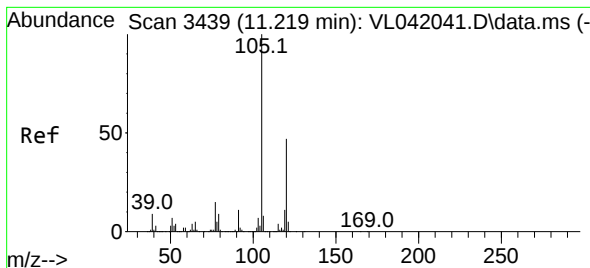
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#72
4-Ethyltoluene
Concen: 10.115 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

Tgt Ion:105 Resp: 611613
Ion Ratio Lower Upper
105 100
120 29.6 24.1 36.1
91 12.5 10.2 15.4
77 13.8 10.4 15.6





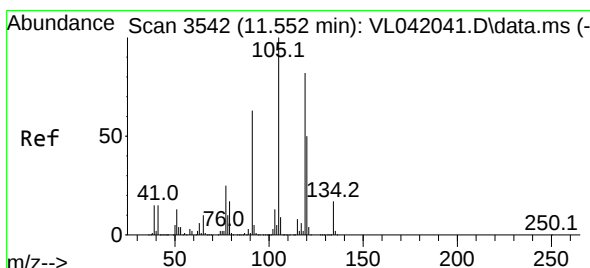
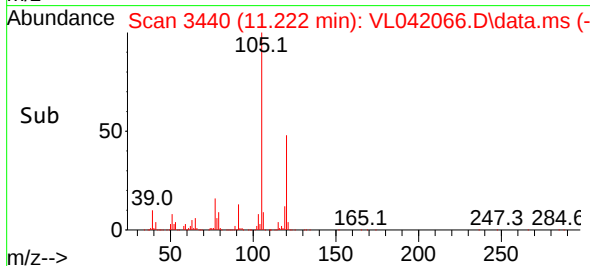
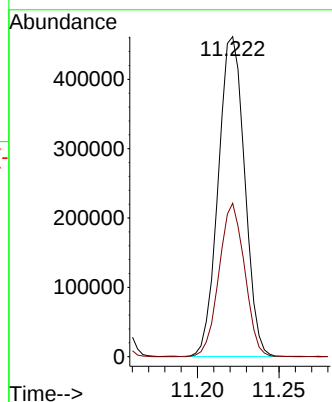
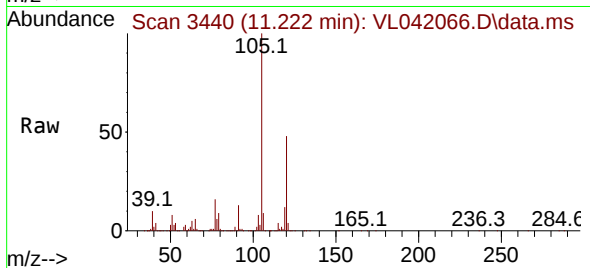
#73
1,3,5-Trimethylbenzene
Concen: 9.892 ppbv
RT: 11.222 min Scan# 3439
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 51879
Ion Ratio Lower Upper
105 100
120 47.9 37.4 56.0

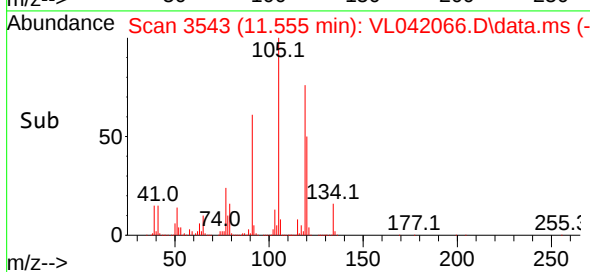
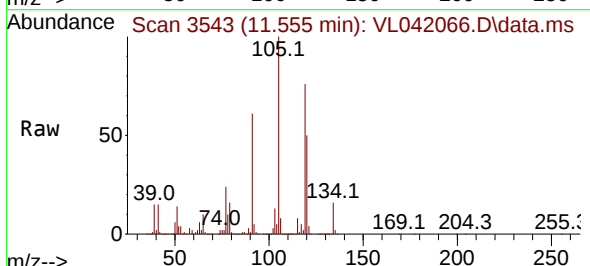
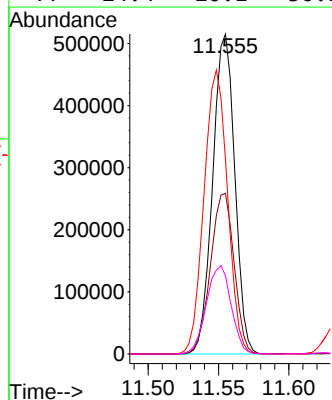
Manual Integrations
APPROVED

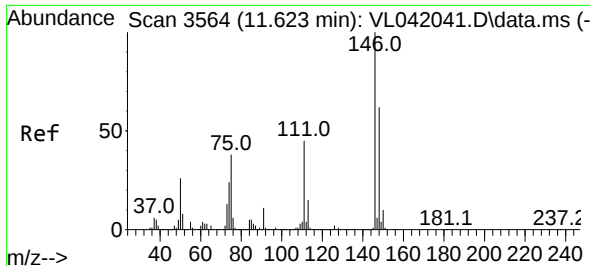
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
1,2,4-Trimethylbenzene
Concen: 9.515 ppbv
RT: 11.555 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

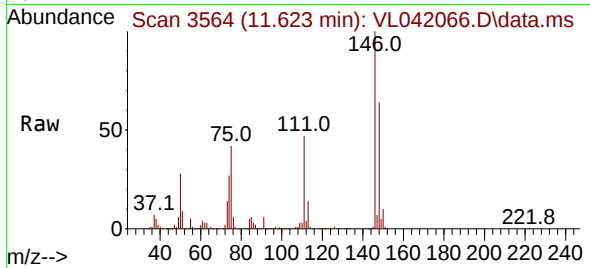
Tgt Ion:105 Resp: 561932
Ion Ratio Lower Upper
105 100
120 50.2 40.2 60.2
91 60.7 51.4 77.2
77 24.4 20.1 30.1





#75
1,3-Dichlorobenzene
Concen: 9.748 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

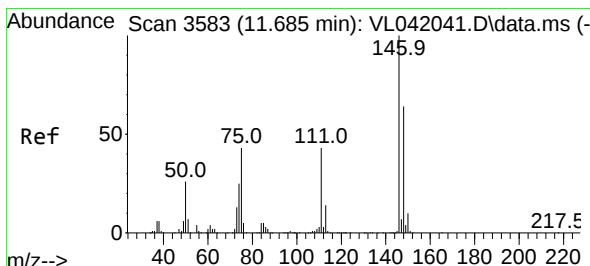
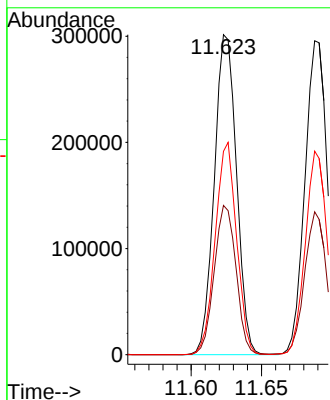
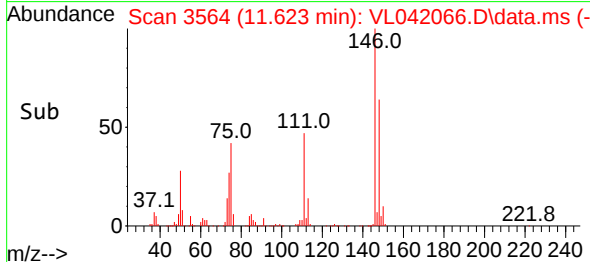
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



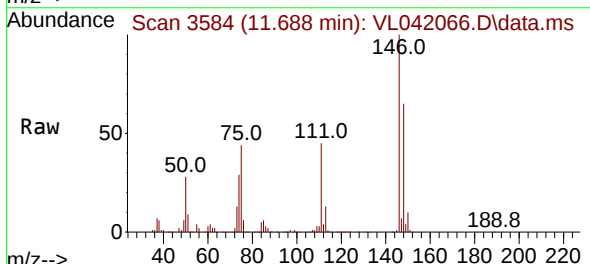
Tgt Ion:146 Resp: 33133
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.2
148 63.8 32.3 96.8

Manual Integrations
APPROVED

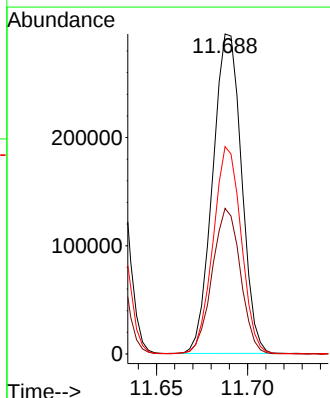
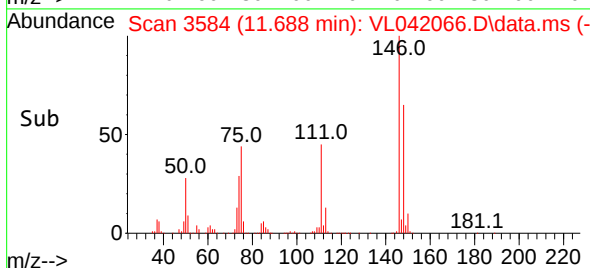
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

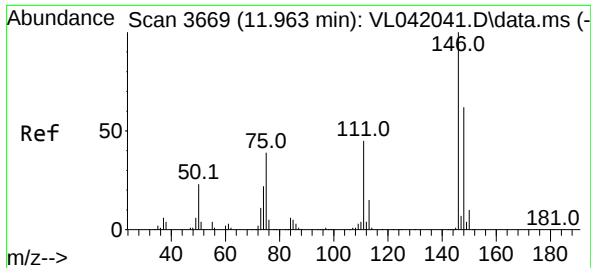


#76
1,4-Dichlorobenzene
Concen: 9.651 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



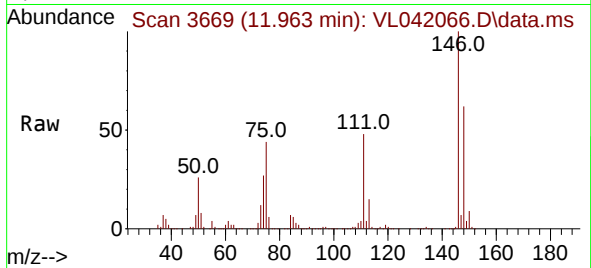
Tgt Ion:146 Resp: 325683
Ion Ratio Lower Upper
146 100
111 44.7 21.5 64.5
148 63.4 31.6 95.0





#77
1,2-Dichlorobenzene
Concen: 9.869 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. -0.000 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

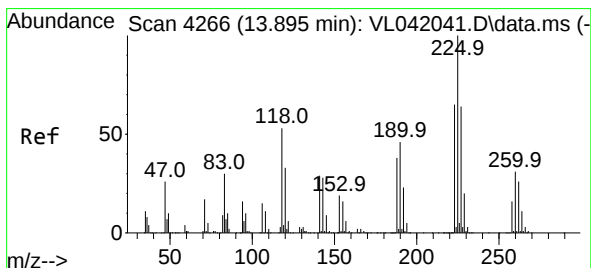
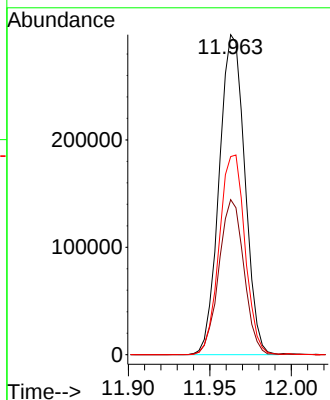
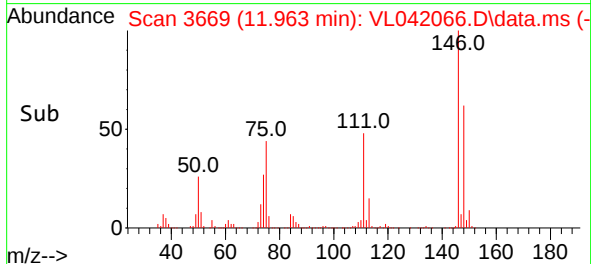
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



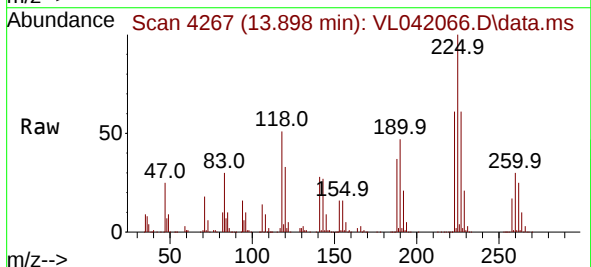
Tgt Ion:146 Resp: 325528
Ion Ratio Lower Upper
146 100
111 47.5 23.2 69.6
148 62.9 31.4 94.2

Manual Integrations
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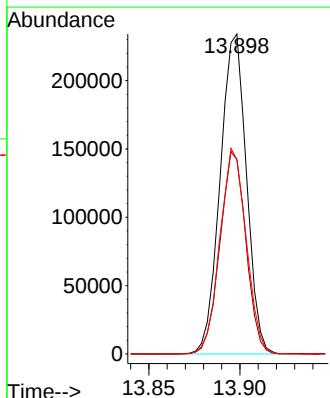
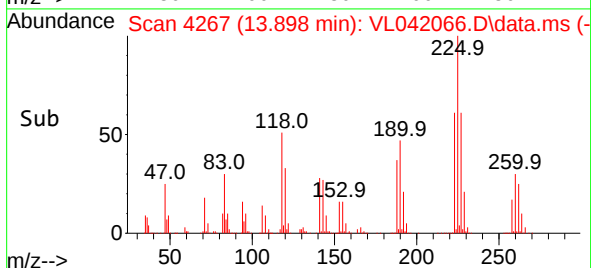
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

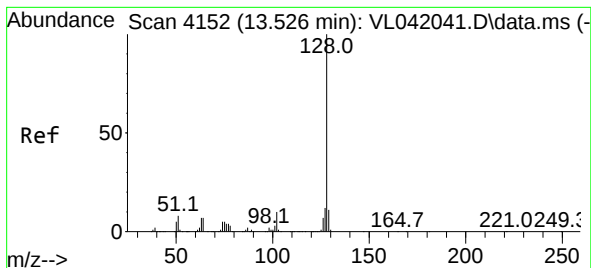


#78
Hexachloro-1,3-Butadiene
Concen: 9.153 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



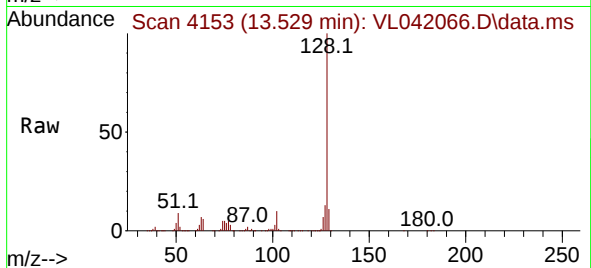
Tgt Ion:225 Resp: 234905
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.2
227 64.1 50.8 76.2





#79
Naphthalene
Concen: 12.859 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52

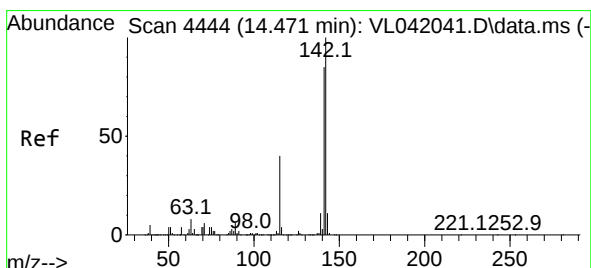
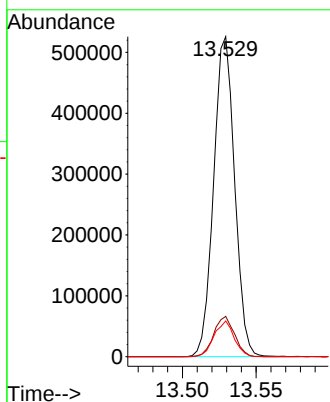
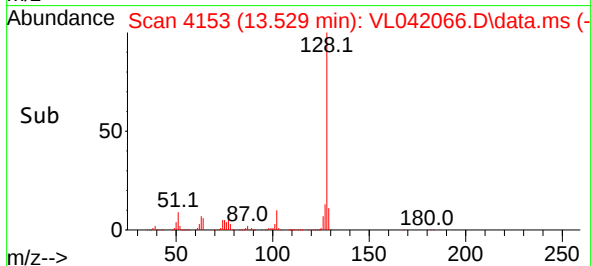
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



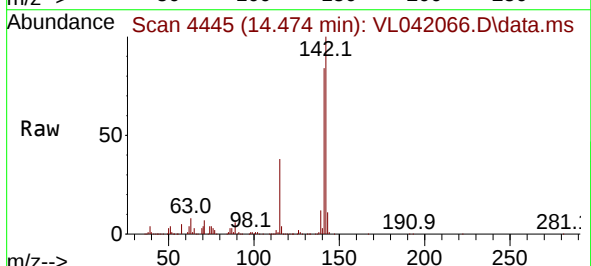
Tgt Ion:128 Resp: 520720
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.6
129 11.1 8.6 12.8

Manual Integrations
APPROVED

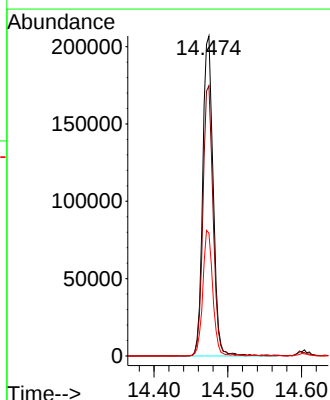
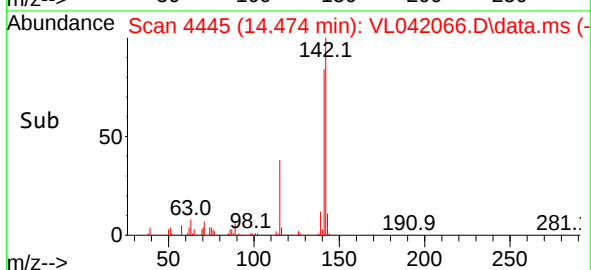
Reviewed By :Semsettin Yesilyurt 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

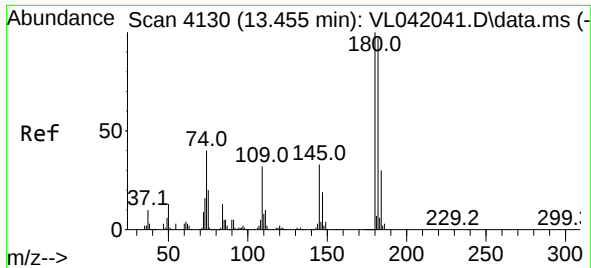


#80
Naphthalene,2-methyl-
Concen: 18.292 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. 0.003 min
Lab File: VL042066.D
Acq: 27 Feb 2025 09:52



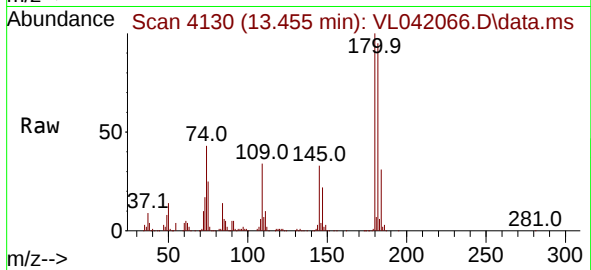
Tgt Ion:142 Resp: 202710
Ion Ratio Lower Upper
142 100
141 83.0 65.8 98.6
115 38.2 29.5 44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.407 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042066.D
 Acq: 27 Feb 2025 09:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 234860
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.1 112.7
 184 30.4 23.8 35.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

