

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041899.D
 Acq On : 14 Jan 2025 19:36
 Operator : SY/MD
 Sample : VL0114ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0114ABS01

Quant Time: Jan 15 03:25:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/15/2025
 Supervised By : Mahesh Dadoda 01/15/2025

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

Internal Standards						
1) Bromochloromethane	2.790	49	135934	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	402701	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	356460	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.383	95	285053	10.153	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.499	85	189097	10.213	ppbv	97
3) Chlorodifluoromethane	1.476	51	187019	9.642	ppbv	98
4) Chloromethane	1.534	50	70383	10.107	ppbv	96
5) Vinyl Chloride	1.583	62	70937	10.057	ppbv	98
6) Bromomethane	1.670	94	32969	9.808	ppbv	91
7) Chloroethane	1.706	64	29068	10.592	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	164306	10.154	ppbv	100
9) Propene	1.486	41	74593	9.335	ppbv	95
10) Heptane	4.988	43	210202	9.842	ppbv	99
11) Trichlorofluoromethane	1.881	101	200241	10.396	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.143	101	158273	10.485	ppbv	99
13) Ethanol	1.722	45	3872	6.616	ppbv	84
14) Bromoethene	1.784	108	54503	9.861	ppbv	97
15) Acetone	1.839	43	151307	9.267	ppbv	99
16) 1,3-Butadiene	1.612	39	73592	10.043	ppbv	98
17) tert-Butyl alcohol	2.042	59	192315	9.571	ppbv	98
18) 1,1-Dichloroethene	2.036	96	68563	10.077	ppbv	96
19) Isopropyl Alcohol	1.887	45	86592	8.945	ppbv	95
20) Methylene Chloride	2.065	84	58209	9.022	ppbv	94
21) Allyl Chloride	2.101	41	114685	10.144	ppbv	98
22) trans-1,2-Dichloroethene	2.343	96	78556	10.230	ppbv	99
23) Vinyl Acetate	2.466	43	70853	8.755	ppbv	97
24) 1,1-Dichloroethane	2.411	63	151977	10.233	ppbv	99
25) Ethyl Acetate	2.842	43	435382	9.889	ppbv	100
26) Hexane	2.832	57	173269	9.951	ppbv	97
27) Carbon Disulfide	2.152	76	184131	10.686	ppbv	97
28) Methyl tert-Butyl Ether	2.444	73	109401	8.220	ppbv	99
29) Chloroform	2.852	83	278081	10.103	ppbv	98
30) Cyclohexane	3.865	84	148603	9.839	ppbv	99
31) cis-1,2-Dichloroethene	2.725	61	178543	9.738	ppbv	96
32) 1,1,1-Trichloroethane	3.373	97	274943	10.439	ppbv	99
34) 2-Butanone	2.560	43	247866	9.679	ppbv	100
35) Carbon Tetrachloride	3.771	117	278138	10.996	ppbv	99
36) Benzene	3.664	78	362506	9.815	ppbv	99
37) 1,2-Dichloroethane	3.224	62	212786	10.258	ppbv	100
38) Trichloroethene	4.557	130	145473	9.925	ppbv	93
39) 1,2-Dichloropropane	4.321	63	124131	9.581	ppbv	96
40) 1,4-Dioxane	4.593	88	57312	8.759	ppbv #	98
41) Tetrahydrofuran	3.059	42	139374	10.014	ppbv	99
42) Bromodichloromethane	4.499	83	285998	10.283	ppbv	96
43) Methyl Methacrylate	4.891	69	136428	9.943	ppbv	98
44) 2,2,4-Trimethylpentane	4.648	57	591684	9.904	ppbv	99
45) t-1,3-Dichloropropene	6.425	75	132891	10.347	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041899.D
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 Operator : SY/MD
 Sample : VL0114ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0114ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/15/2025
 Supervised By : Mahesh Dadoda 01/15/2025

Quant Time: Jan 15 03:25:23 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.612	75	176246	10.452	ppbv	97
47) 1,1,2-Trichloroethane	6.590	97	138512	10.087	ppbv	96
48) Dibromochloromethane	7.399	129	226417	10.687	ppbv	100
49) Bromoform	9.490	173	190603	10.952	ppbv	99
50) 4-Methyl-2-Pentanone	5.768	43	339900	9.722	ppbv	100
51) 2-Hexanone	7.448	43	270020	10.051	ppbv #	98
52) Tetrachloroethene	8.234	164	120344	9.397	ppbv	96
53) Toluene	6.946	91	407178	10.121	ppbv	100
54) 1,2-Dibromoethane	7.661	107	190401	10.086	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.933	131	179834	10.112	ppbv	99
57) Chlorobenzene	8.927	112	316779	9.634	ppbv	97
58) Ethyl Benzene	9.361	91	566411	10.167	ppbv	100
59) m/p-Xylene	9.558	91	921827m	20.644	ppbv	
60) o-Xylene	9.972	91	462914	10.444	ppbv	99
61) Styrene	9.875	104	214400	10.784	ppbv	99
62) Isopropylbenzene	10.545	105	697392	10.169	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	281189	9.928	ppbv	100
64) n-propylbenzene	10.995	120	175356	10.119	ppbv	96
65) tert-Butylbenzene	11.539	119	634140	10.146	ppbv	99
66) Benzyl Chloride	11.623	91	37139	9.600	ppbv	98
67) sec-Butylbenzene	11.775	105	879679	10.222	ppbv	100
69) p-Isopropyltoluene	11.934	119	734754	10.368	ppbv	100
70) n-Butylbenzene	12.290	91	714677	10.169	ppbv	100
71) 2-Chlorotoluene	10.908	91	520731	10.264	ppbv	100
72) 4-Ethyltoluene	11.131	105	550386	10.382	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	478593	10.223	ppbv	97
74) 1,2,4-Trimethylbenzene	11.542	105	514624	10.150	ppbv	96
75) 1,3-Dichlorobenzene	11.613	146	293053	9.754	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	293347	9.980	ppbv	98
77) 1,2-Dichlorobenzene	11.953	146	294078	9.876	ppbv	98
78) Hexachloro-1,3-Butadiene	13.889	225	217475	8.898	ppbv	99
79) Naphthalene	13.520	128	468570	9.179	ppbv	100
80) Naphthalene,2-methyl-	14.465	142	163059	6.737	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	220953	8.867	ppbv	97

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

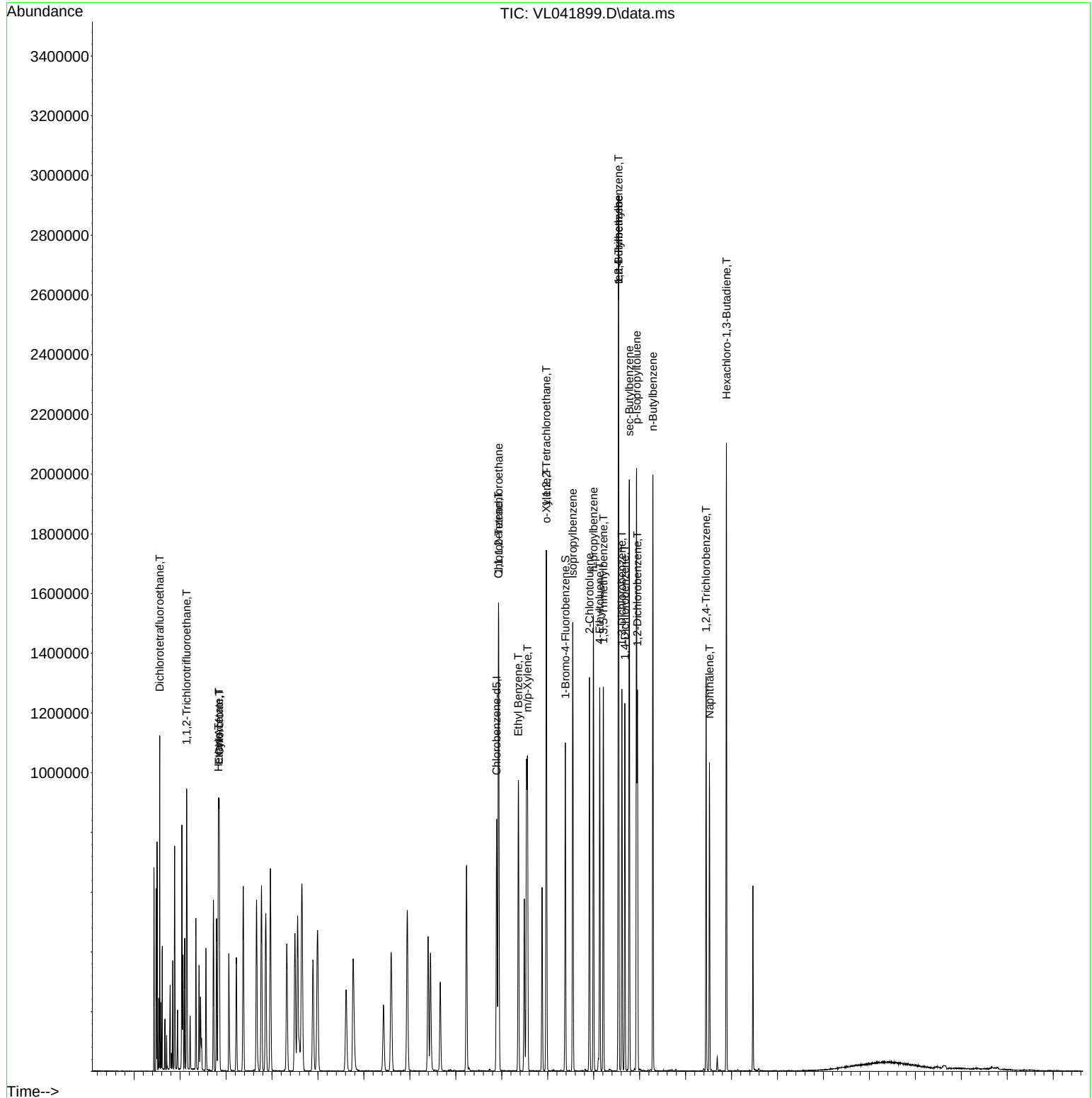
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
Data File : VL041899.D
Acq On : 14 Jan 2025 19:36
Operator : SY/MD
Sample : VL0114ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

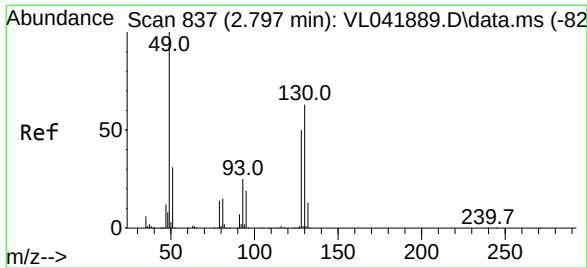
Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

Quant Time: Jan 15 03:25:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration





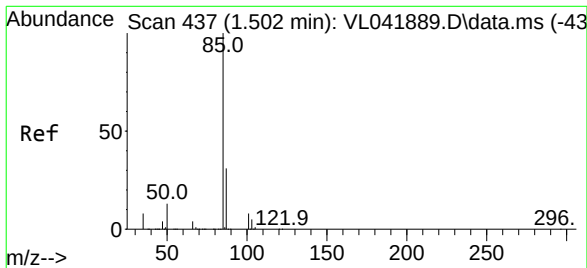
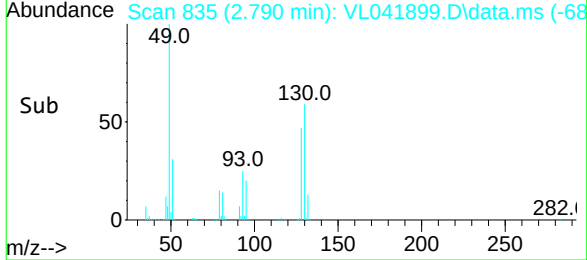
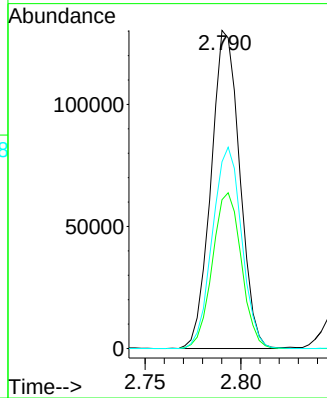
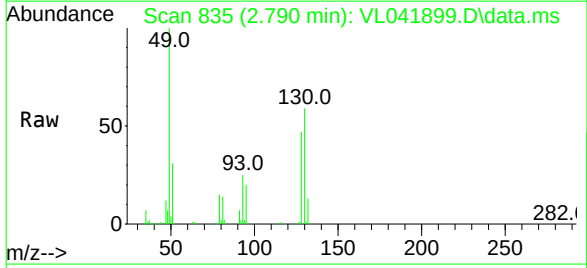
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 837
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 49 Resp: 135934
Ion Ratio Lower Upper
49 100
128 49.3 24.3 73.0
130 64.5 31.1 93.2

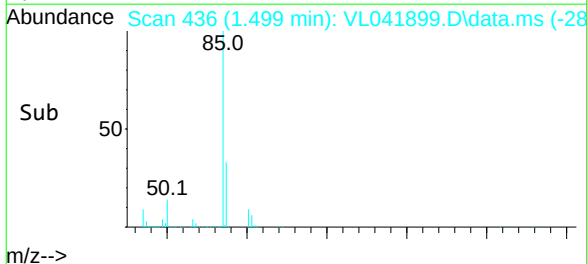
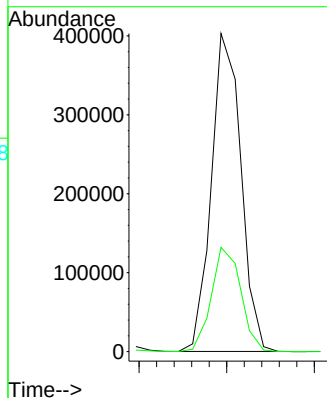
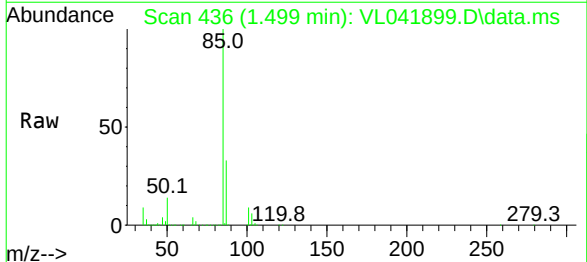
Manual Integrations
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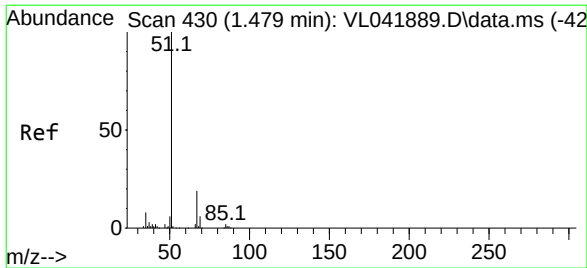
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#2
Dichlorodifluoromethane
Concen: 10.213 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 85 Resp: 189097
Ion Ratio Lower Upper
85 100
87 32.8 24.9 37.3





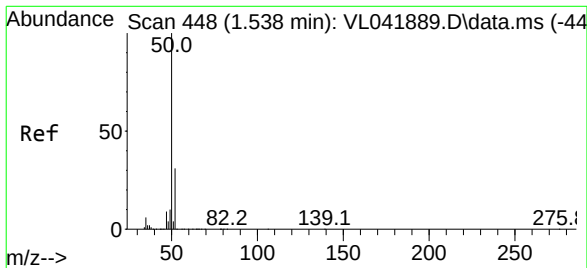
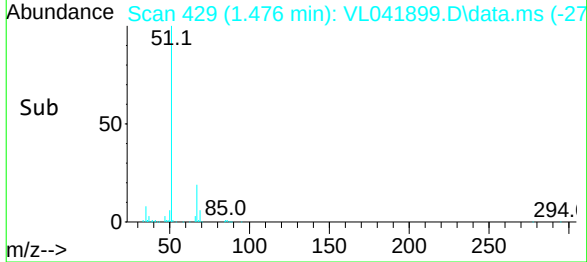
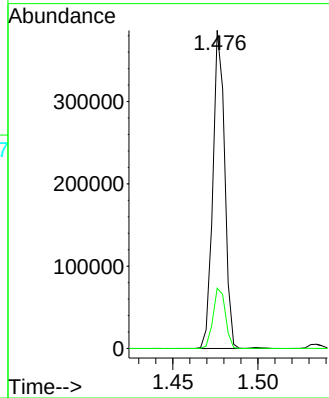
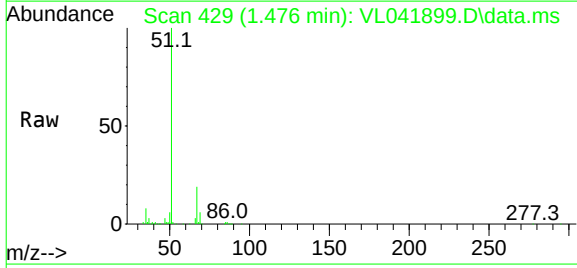
#3
Chlorodifluoromethane
Concen: 9.642 ppbv
RT: 1.476 min Scan# 42
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 51 Resp: 187019
Ion Ratio Lower Upper
51 100
67 19.8 15.0 22.4

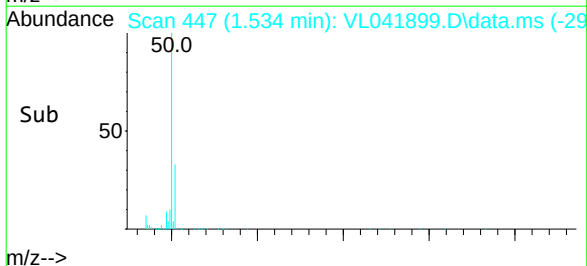
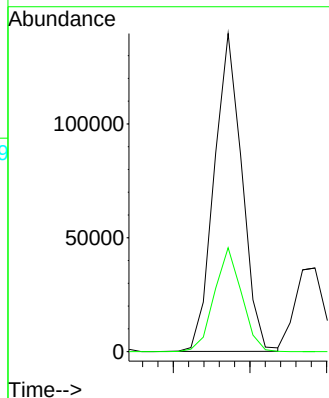
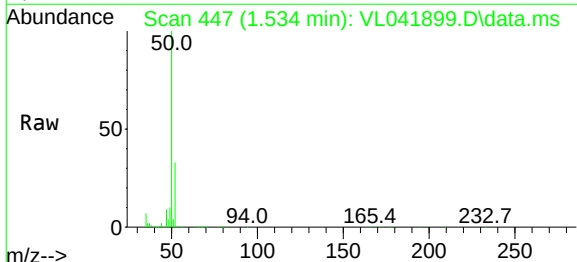
Manual Integrations
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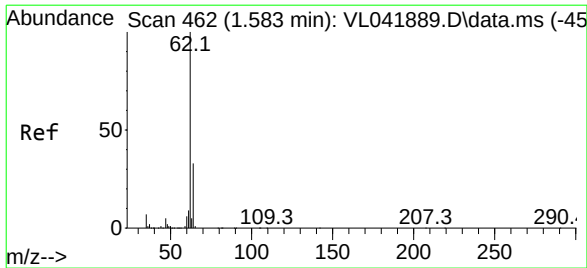
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#4
Chloromethane
Concen: 10.107 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

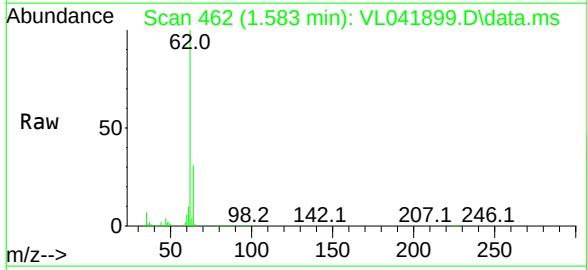
Tgt Ion: 50 Resp: 70383
Ion Ratio Lower Upper
50 100
52 32.6 24.6 36.8





#5
 Vinyl Chloride
 Concen: 10.057 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

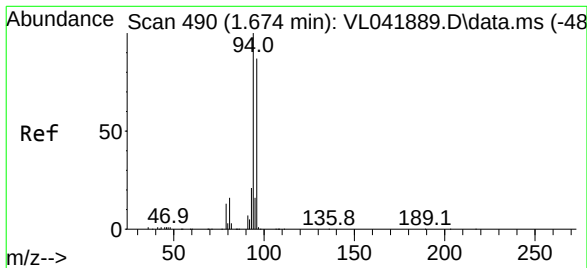
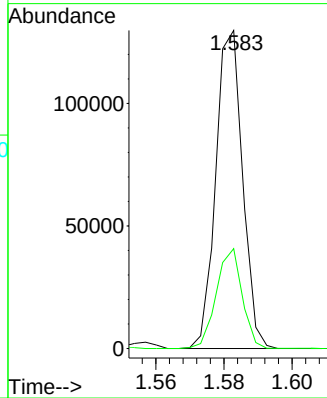
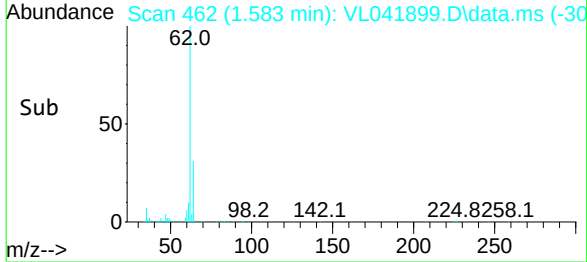
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0114ABS01



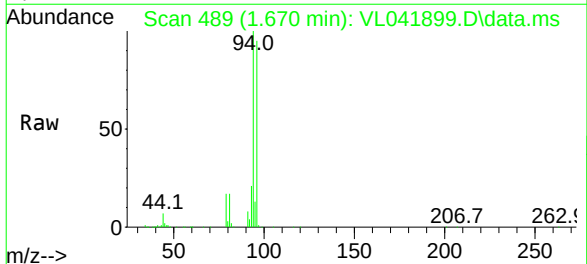
Tgt Ion: 62 Resp: 70937
 Ion Ratio Lower Upper
 62 100
 64 31.4 26.1 39.1

Manual Integrations
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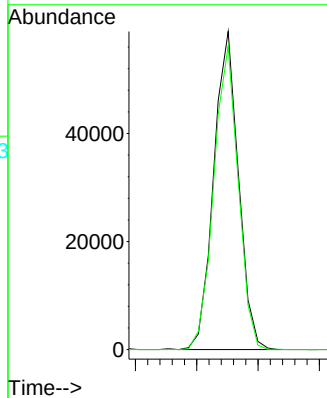
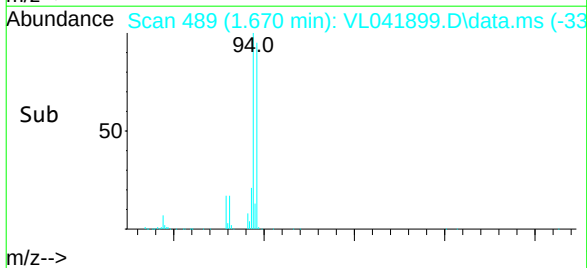
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

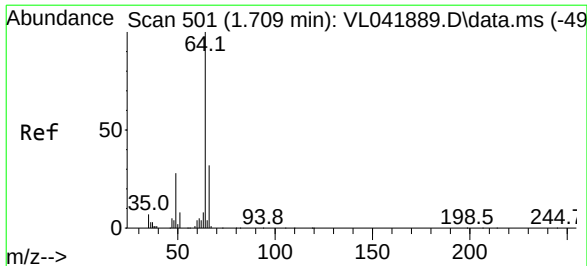


#6
 Bromomethane
 Concen: 9.808 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36



Tgt Ion: 94 Resp: 32969
 Ion Ratio Lower Upper
 94 100
 96 95.4 69.5 104.3





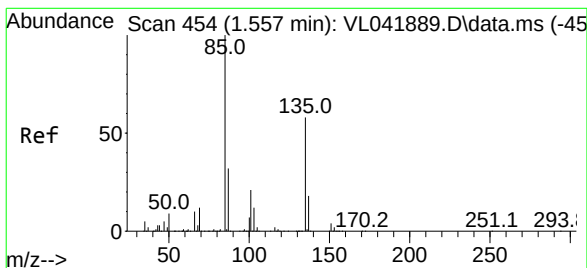
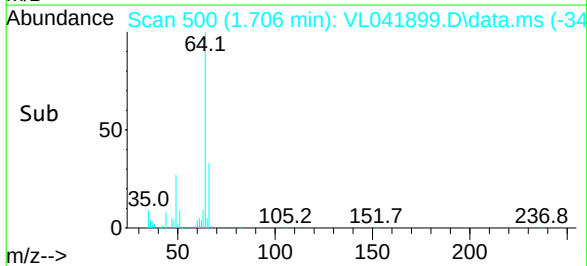
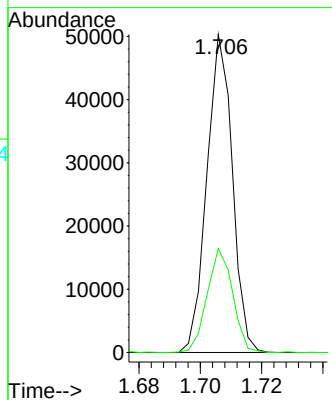
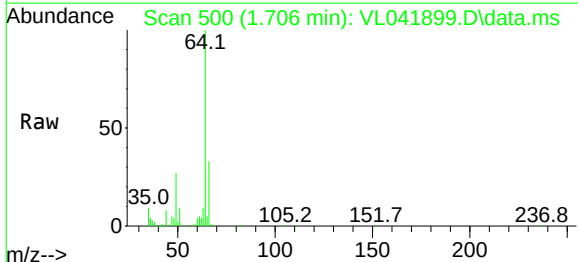
#7
Chloroethane
Concen: 10.592 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 64 Resp: 29068
Ion Ratio Lower Upper
64 100
66 32.7 25.7 38.5

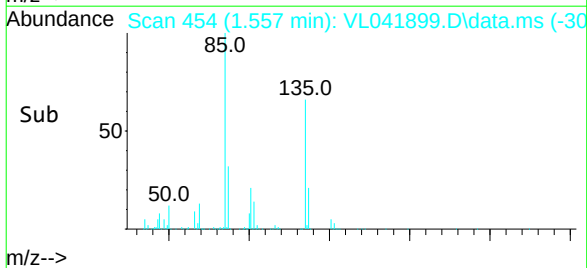
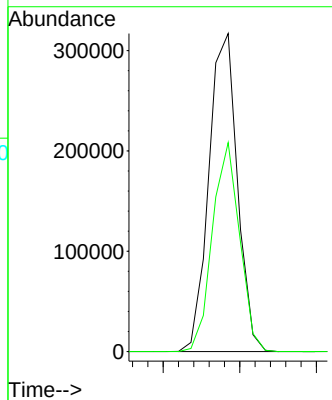
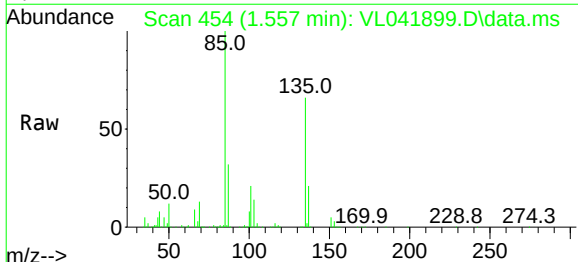
Manual Integrations
APPROVED

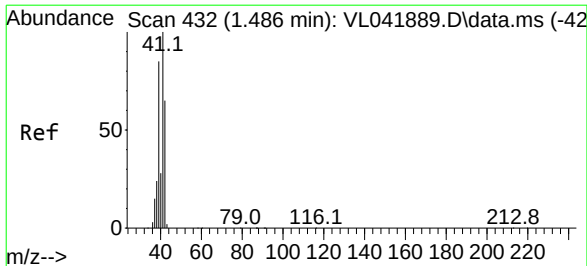
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#8
Dichlorotetrafluoroethane
Concen: 10.154 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 85 Resp: 164306
Ion Ratio Lower Upper
85 100
135 62.6 50.0 75.0





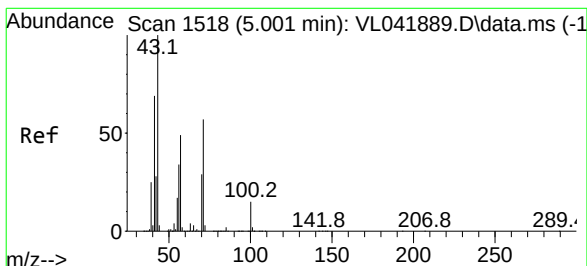
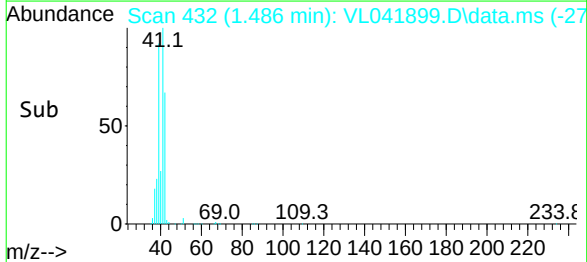
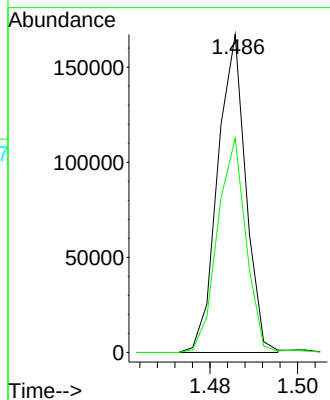
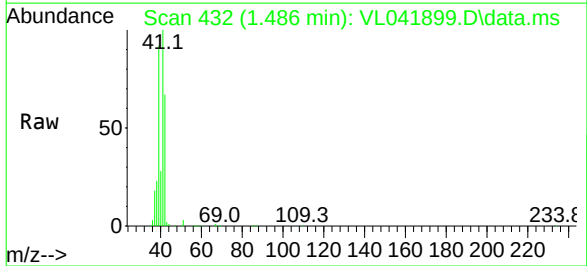
#9
 Propene
 Concen: 9.335 ppbv
 RT: 1.486 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0114ABS01

Tgt Ion: 41 Resp: 74593
 Ion Ratio Lower Upper
 41 100
 42 69.1 52.0 78.0

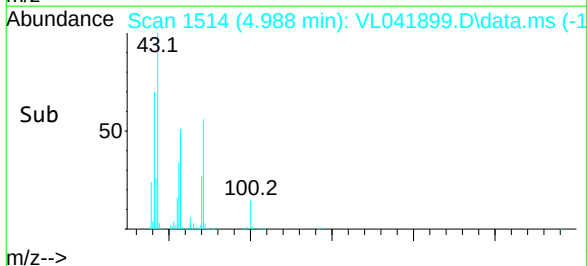
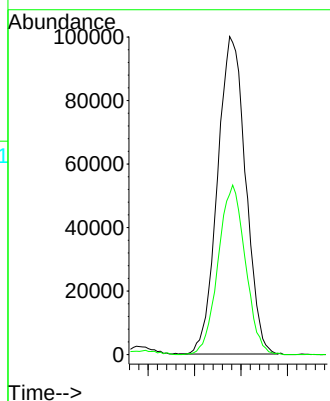
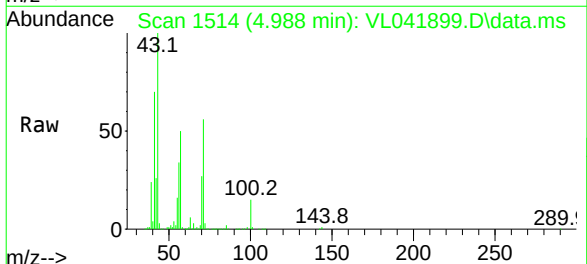
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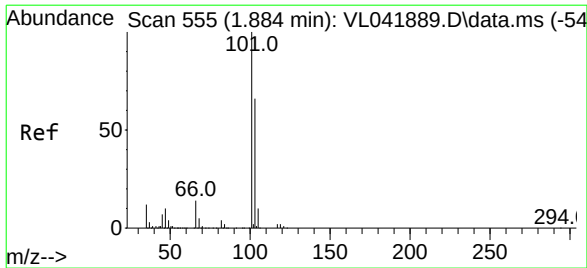
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#10
 Heptane
 Concen: 9.842 ppbv
 RT: 4.988 min Scan# 1514
 Delta R.T. -0.013 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Tgt Ion: 43 Resp: 210202
 Ion Ratio Lower Upper
 43 100
 57 51.6 41.0 61.4





#11

Trichlorofluoromethane

Concen: 10.396 ppbv

RT: 1.881 min Scan# 555

Delta R.T. -0.003 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0114ABS01

Tgt Ion:101 Resp: 200241

Ion Ratio Lower Upper

101 100

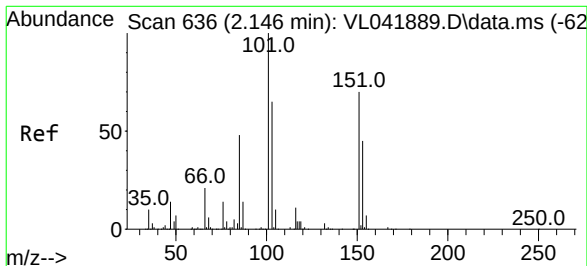
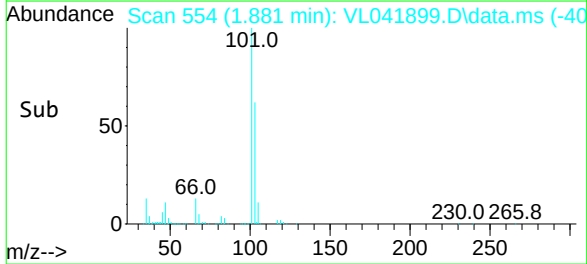
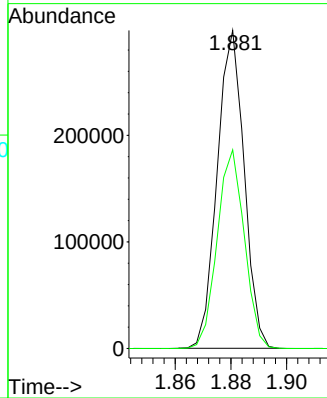
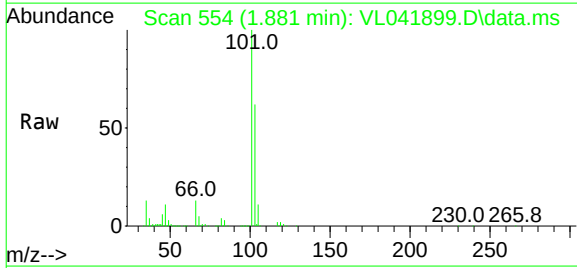
103 62.5 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.485 ppbv

RT: 2.143 min Scan# 635

Delta R.T. -0.003 min

Lab File: VL041899.D

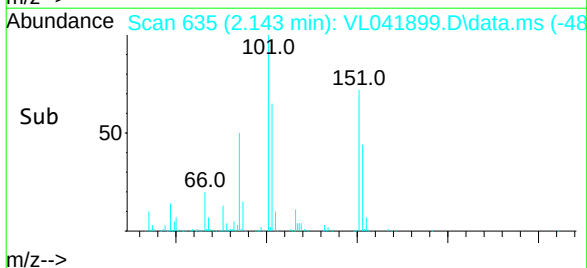
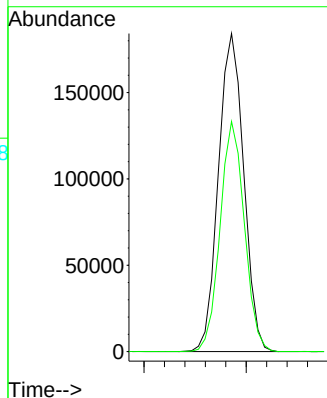
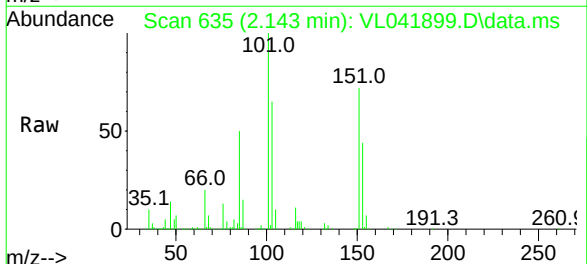
Acq: 14 Jan 2025 19:36

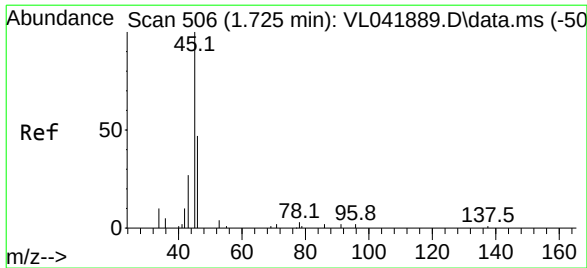
Tgt Ion:101 Resp: 158273

Ion Ratio Lower Upper

101 100

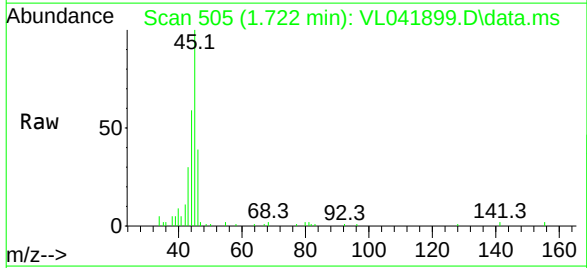
151 69.6 56.1 84.1





#13
Ethanol
Concen: 6.616 ppbv
RT: 1.722 min Scan# 506
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

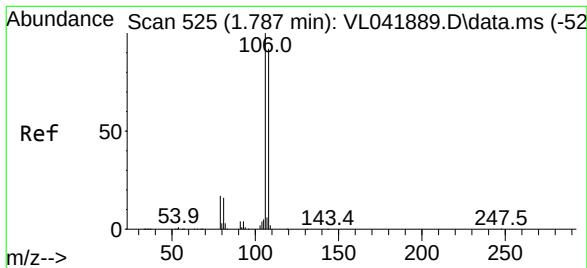
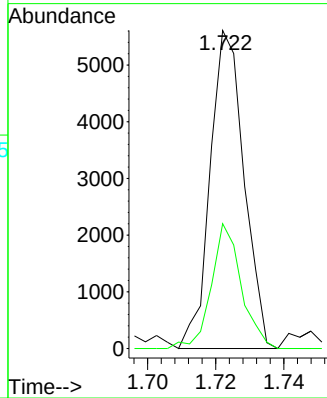
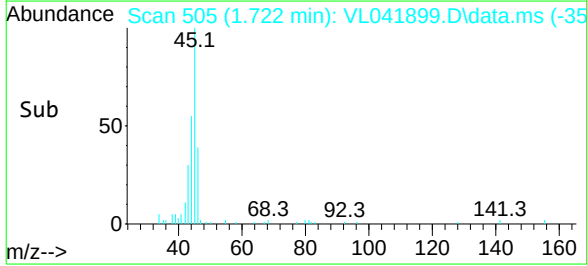
Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01



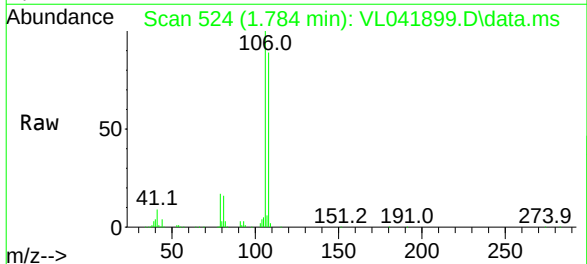
Tgt Ion: 45 Resp: 3872
Ion Ratio Lower Upper
45 100
46 34.8 18.1 72.5

Manual Integrations
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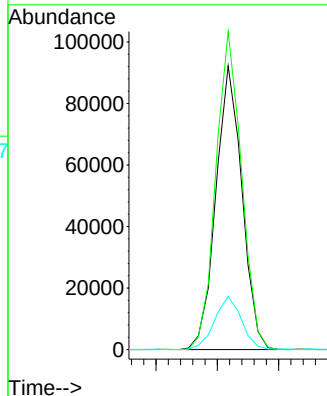
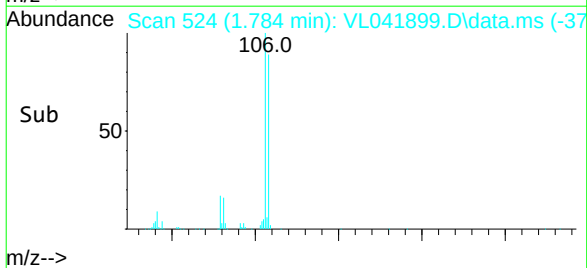
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

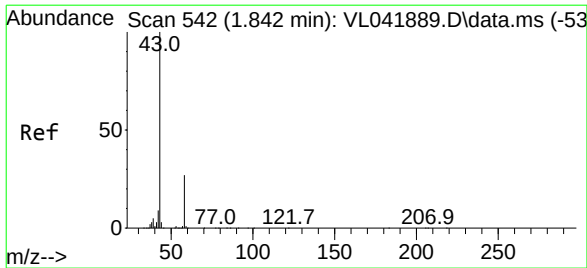


#14
Bromoethene
Concen: 9.861 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36



Tgt Ion:108 Resp: 54503
Ion Ratio Lower Upper
108 100
106 110.3 85.5 128.3
79 20.4 15.3 22.9





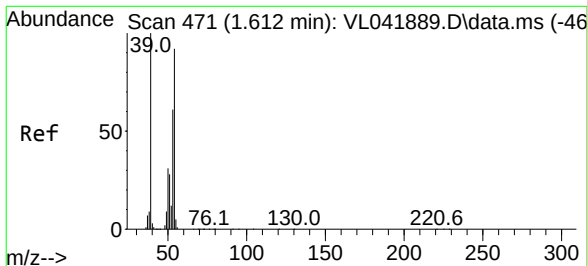
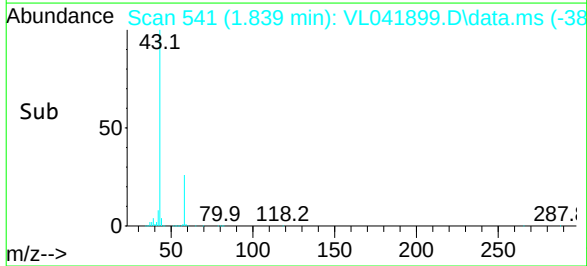
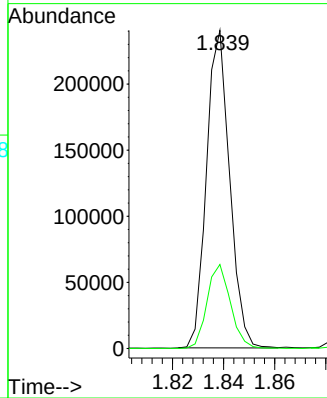
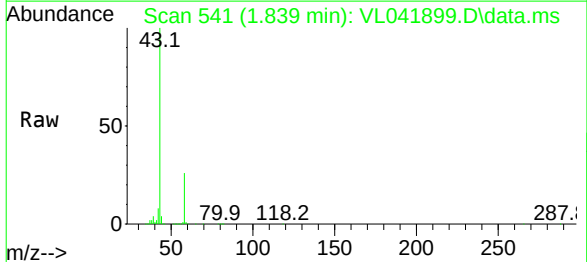
#15
Acetone
Concen: 9.267 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 43 Resp: 151307
Ion Ratio Lower Upper
43 100
58 26.9 21.9 32.9

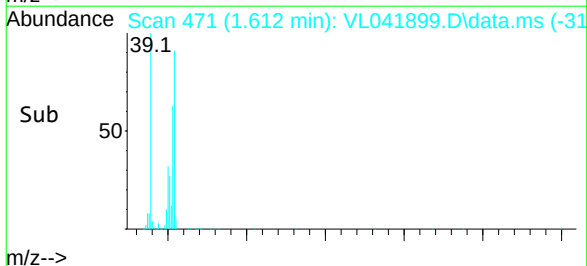
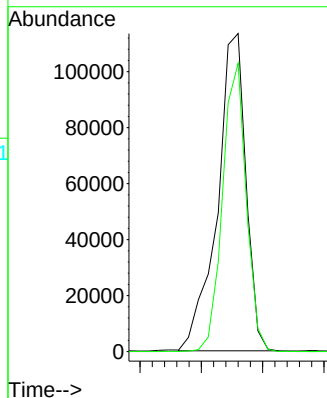
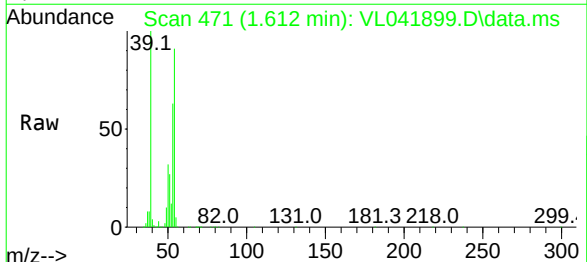
Manual Integrations
APPROVED

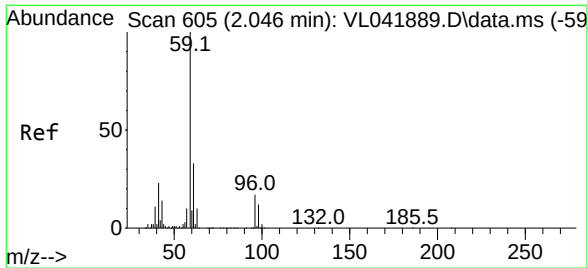
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#16
1,3-Butadiene
Concen: 10.043 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 39 Resp: 73592
Ion Ratio Lower Upper
39 100
54 75.1 61.6 92.4





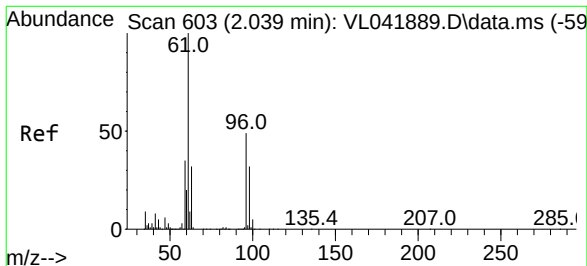
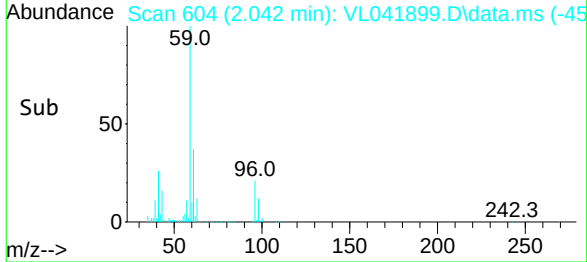
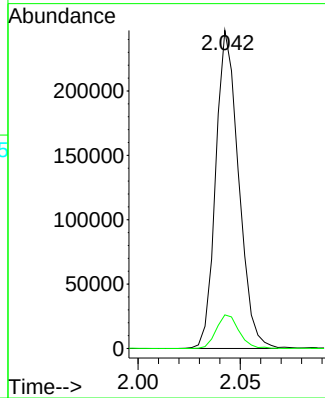
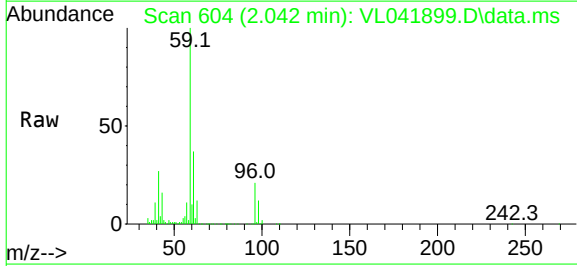
#17
tert-Butyl alcohol
Concen: 9.571 ppbv
RT: 2.042 min Scan# 601
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 59 Resp: 192315
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.8

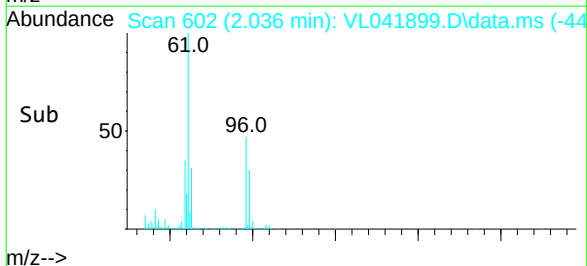
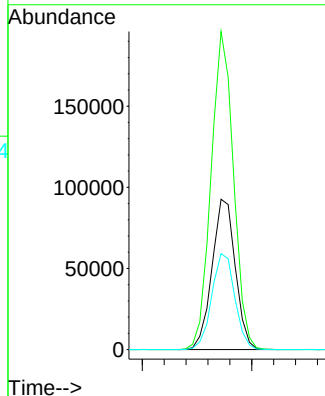
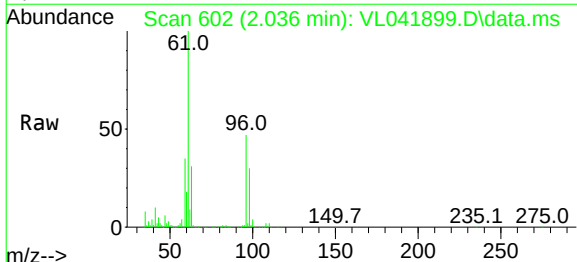
Manual Integrations
APPROVED

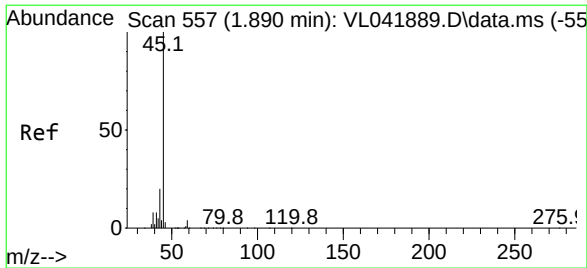
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#18
1,1-Dichloroethene
Concen: 10.077 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 96 Resp: 68563
Ion Ratio Lower Upper
96 100
61 211.6 163.1 244.7
98 63.8 52.7 79.1





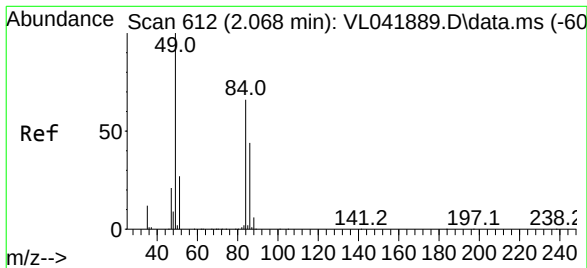
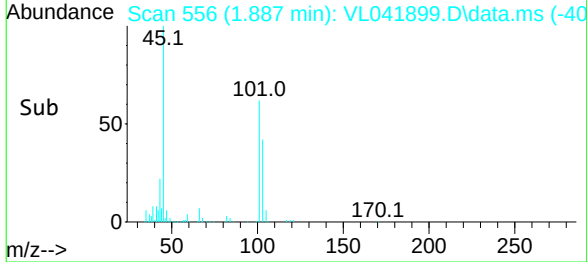
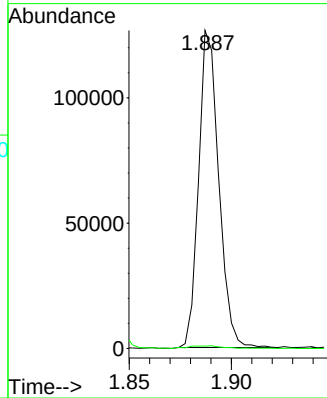
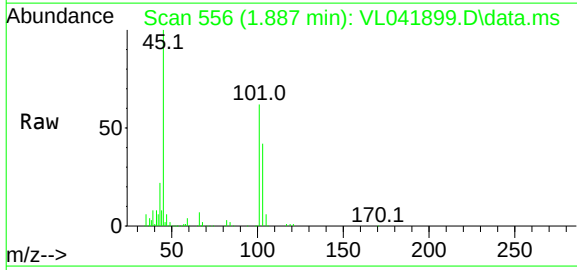
#19
Isopropyl Alcohol
Concen: 8.945 ppbv
RT: 1.887 min Scan# 555
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 45 Resp: 86592
Ion Ratio Lower Upper
45 100
58 47.0 35.0 52.6

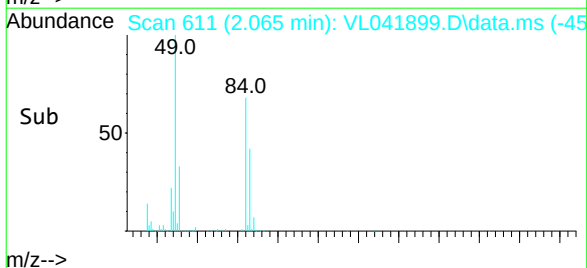
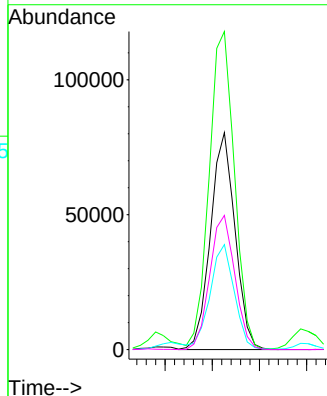
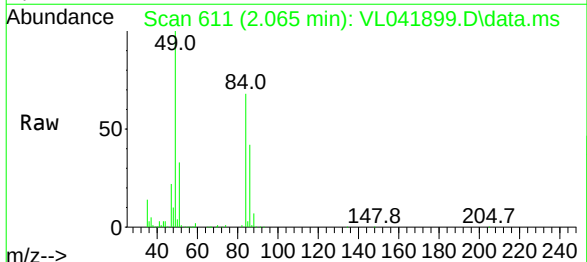
Manual Integrations
APPROVED

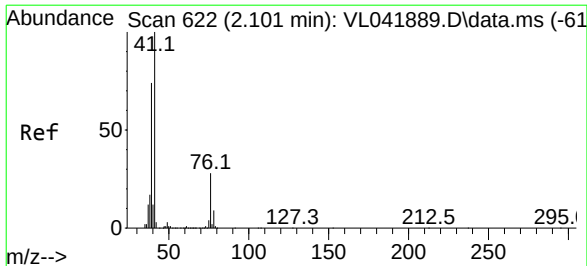
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#20
Methylene Chloride
Concen: 9.022 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 84 Resp: 58209
Ion Ratio Lower Upper
84 100
49 145.9 123.1 184.7
51 48.1 35.8 53.8
86 61.8 53.7 80.5





#21
 Allyl Chloride
 Concen: 10.144 ppbv
 RT: 2.101 min Scan# 621
 Delta R.T. -0.000 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

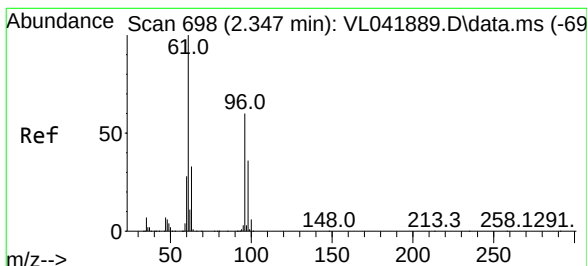
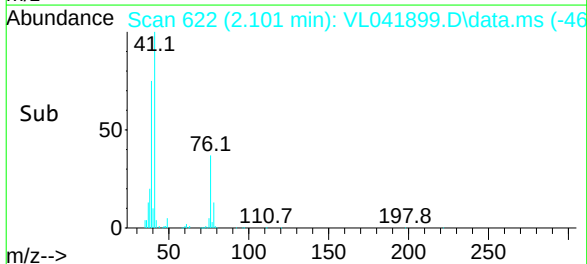
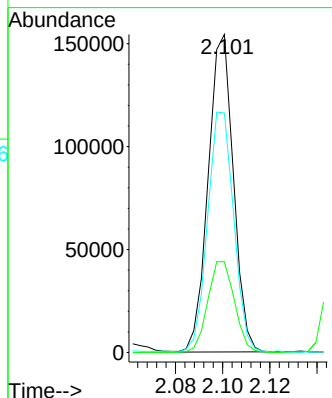
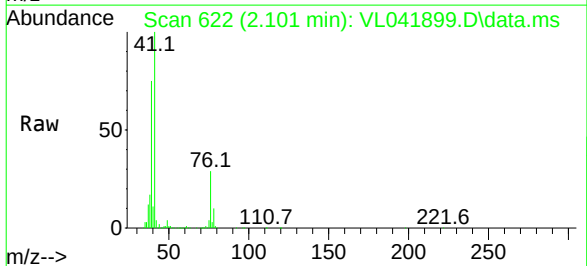
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0114ABS01

Tgt Ion: 41 Resp: 114685

Ion	Ratio	Lower	Upper
41	100		
76	30.4	24.2	36.4
39	78.6	60.6	91.0

Manual Integrations
 APPROVED

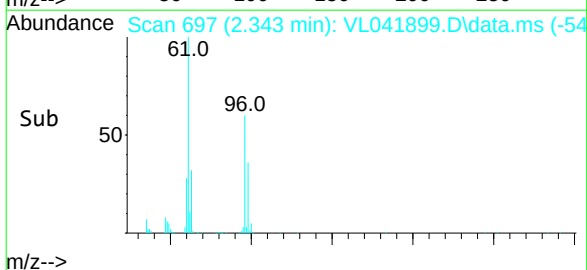
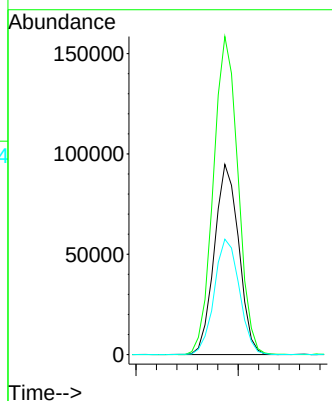
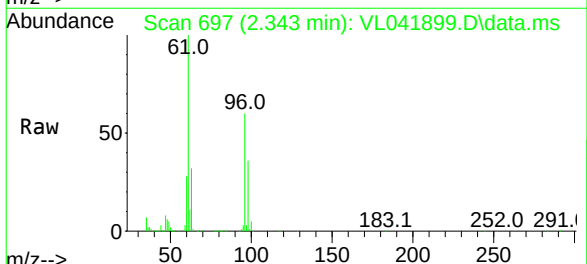
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

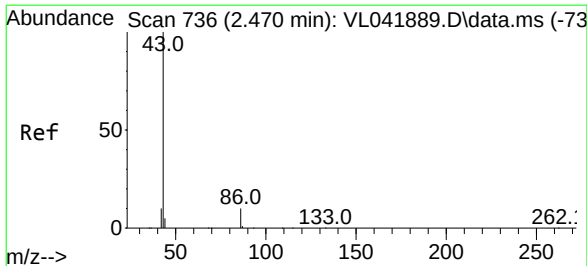


#22
 trans-1,2-Dichloroethene
 Concen: 10.230 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Tgt Ion: 96 Resp: 78556

Ion	Ratio	Lower	Upper
96	100		
61	167.2	134.5	201.7
98	60.7	48.9	73.3





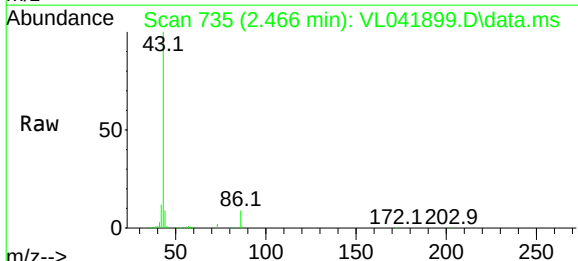
#23
 Vinyl Acetate
 Concen: 8.755 ppbv
 RT: 2.466 min Scan# 73
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

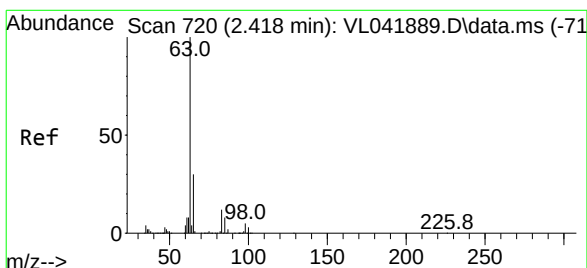
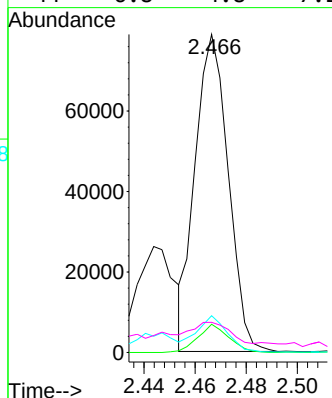
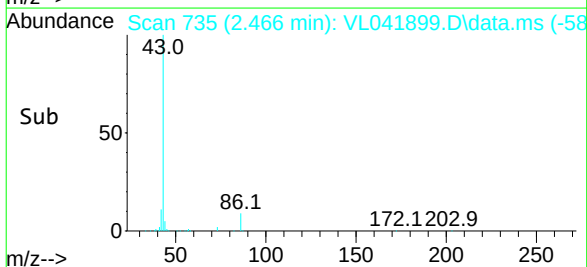
VL0114ABS01



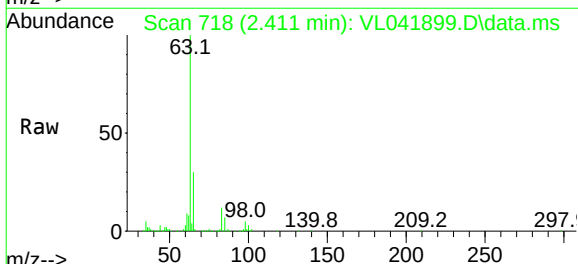
Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.9	6.2	9.4
42	11.4	8.5	12.7
44	6.8	4.8	7.2

Manual Integrations
 APPROVED

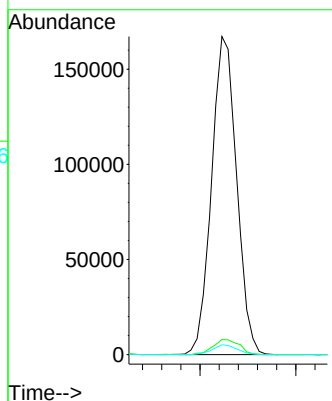
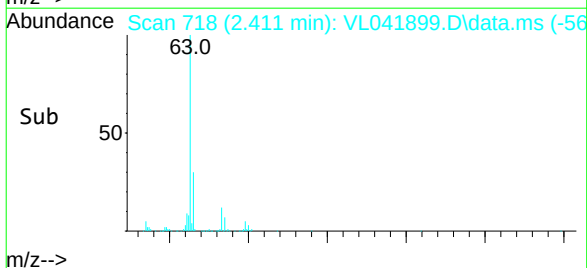
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

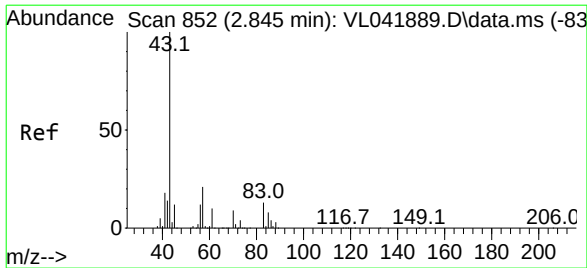


#24
 1,1-Dichloroethane
 Concen: 10.233 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36



Tgt Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.6	7.8
100	3.1	1.4	4.2





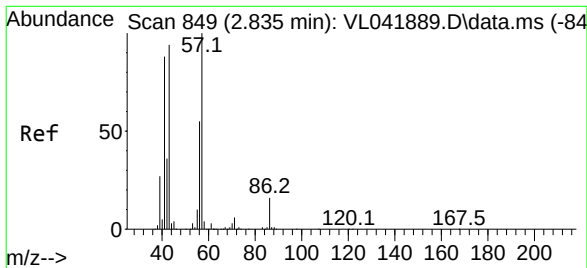
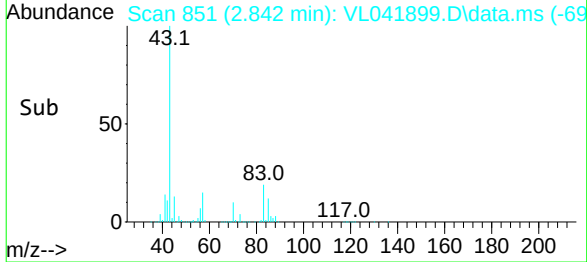
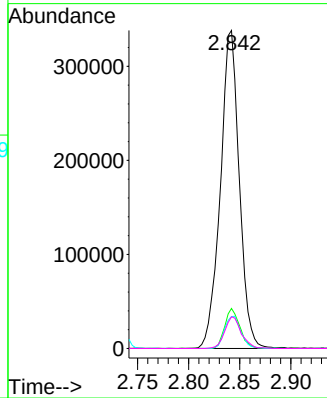
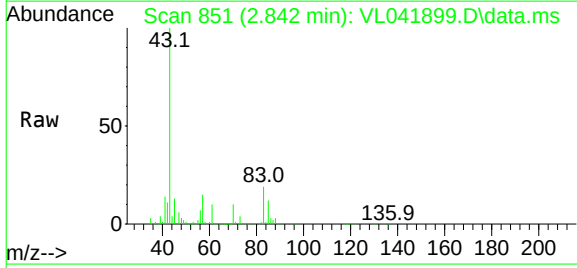
#25
Ethyl Acetate
Concen: 9.889 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 43	Resp: 435382
Ion Ratio	Lower Upper
43 100	
45 10.2	8.2 12.2
61 8.8	7.4 11.0
70 8.8	7.0 10.4

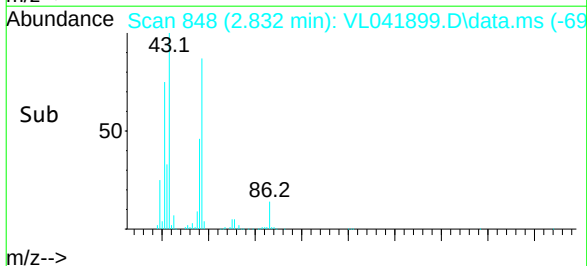
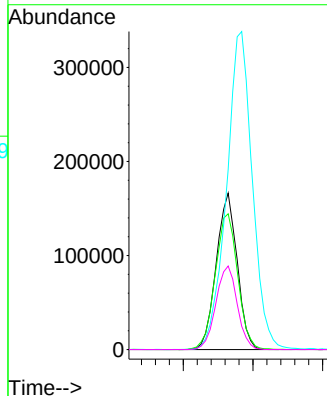
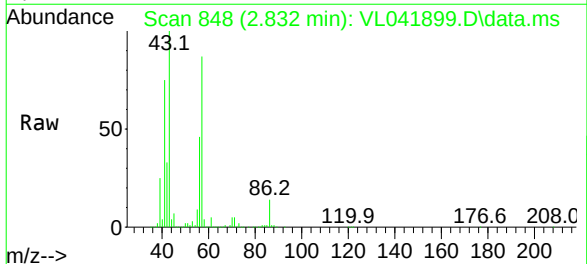
Manual Integrations
APPROVED

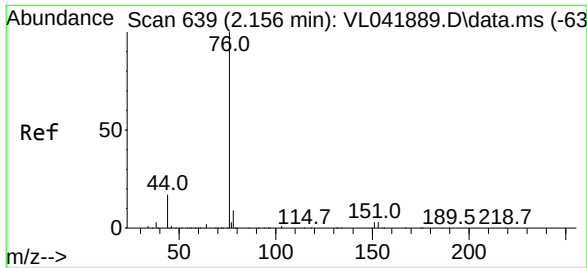
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#26
Hexane
Concen: 9.951 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 57	Resp: 173269
Ion Ratio	Lower Upper
57 100	
41 93.6	73.8 110.8
43 252.2	197.3 295.9
56 54.6	42.7 64.1





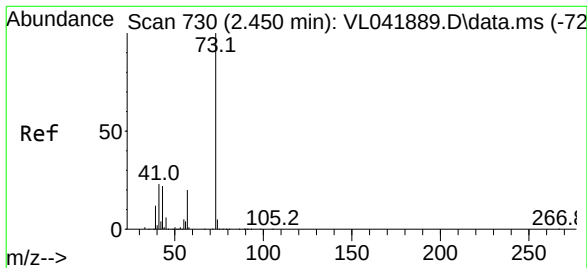
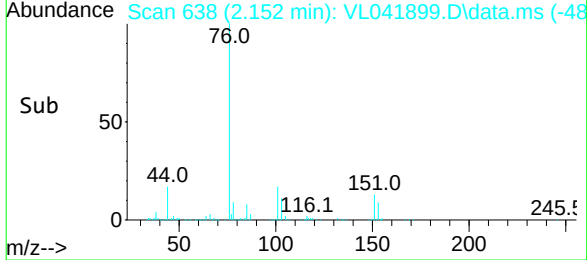
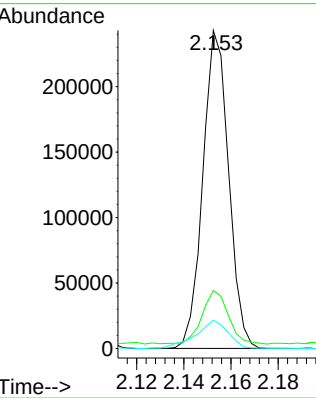
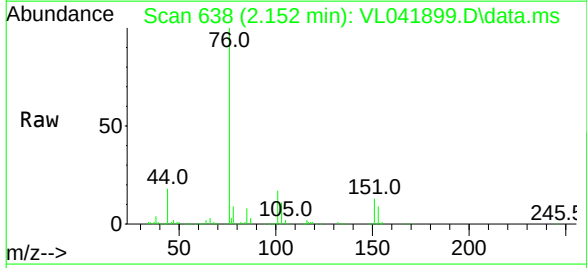
#27
Carbon Disulfide
Concen: 10.686 ppbv
RT: 2.152 min Scan# 639
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 76 Resp: 184131
Ion Ratio Lower Upper
76 100
44 17.0 15.4 23.0
78 11.2 9.3 13.9

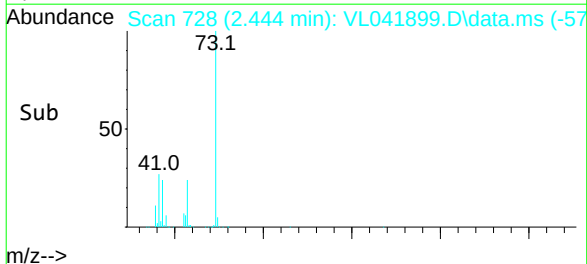
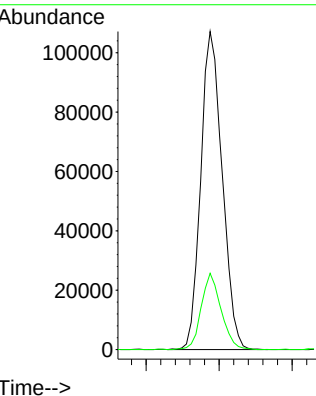
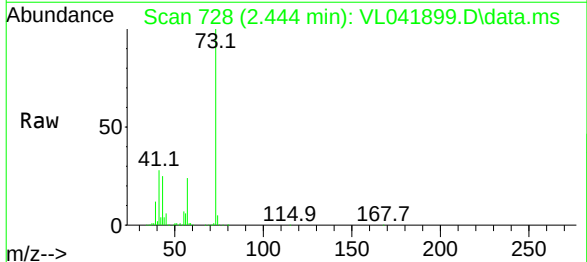
Manual Integrations
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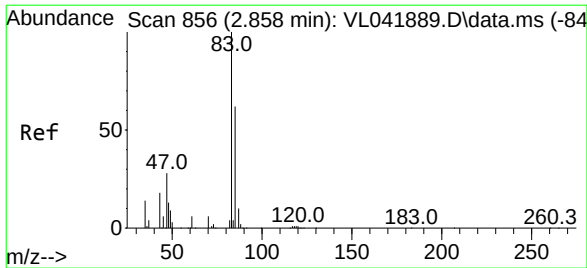
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#28
Methyl tert-Butyl Ether
Concen: 8.220 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 73 Resp: 109401
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1





#29

Chloroform

Concen: 10.103 ppbv

RT: 2.852 min Scan# 85

Delta R.T. -0.007 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0114ABS01

Tgt Ion: 83 Resp: 278081

Ion Ratio Lower Upper

83 100

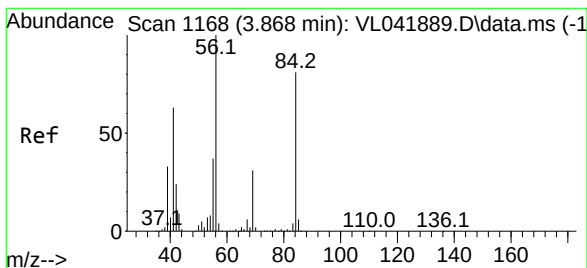
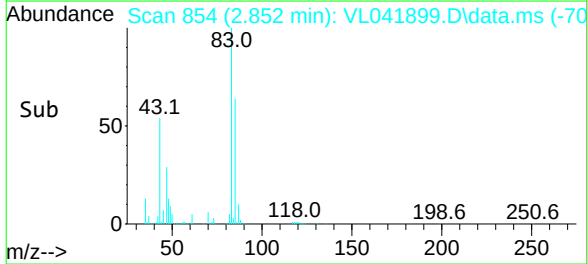
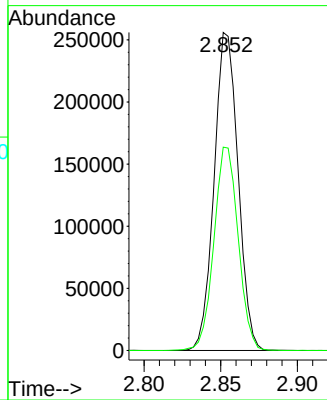
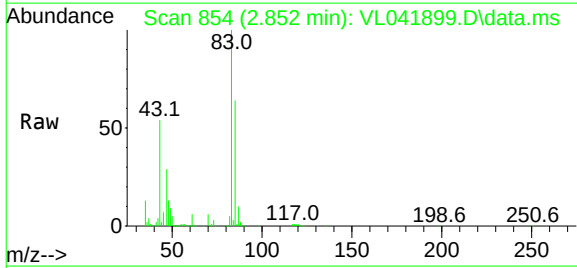
85 63.8 50.1 75.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#30

Cyclohexane

Concen: 9.839 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

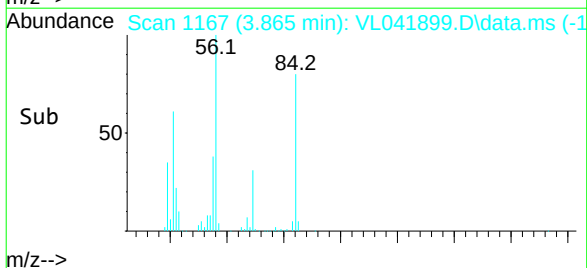
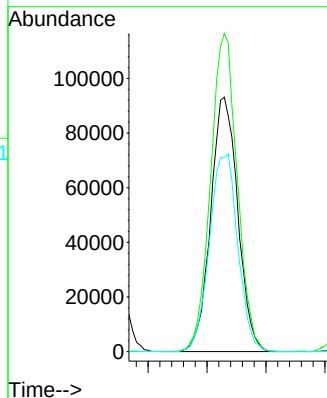
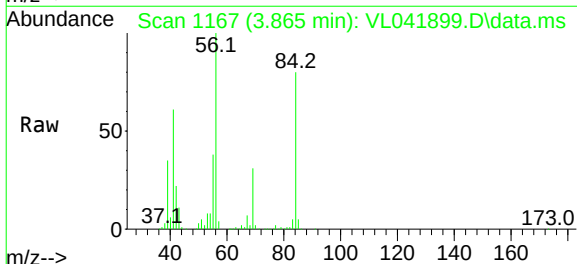
Tgt Ion: 84 Resp: 148603

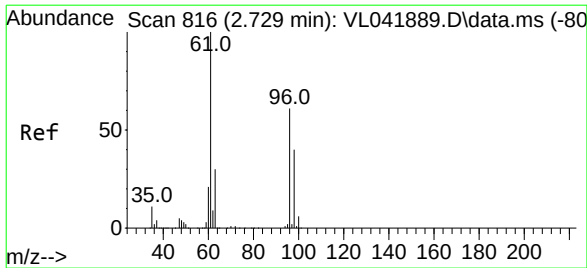
Ion Ratio Lower Upper

84 100

56 123.2 99.3 148.9

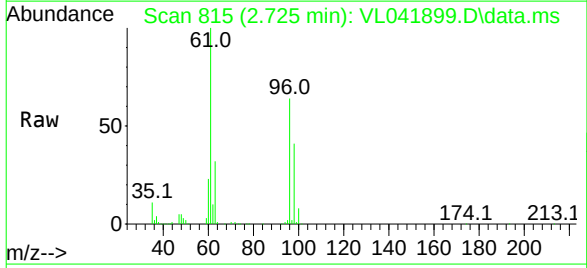
41 81.4 64.3 96.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.738 ppbv
 RT: 2.725 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

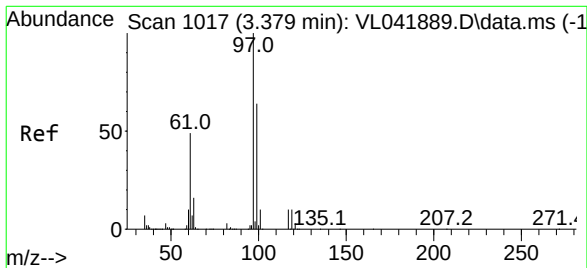
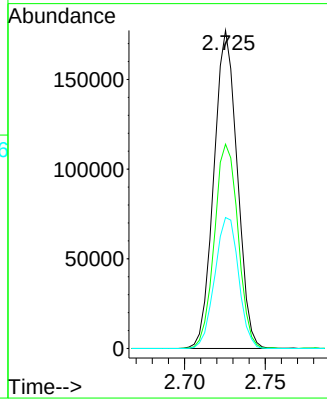
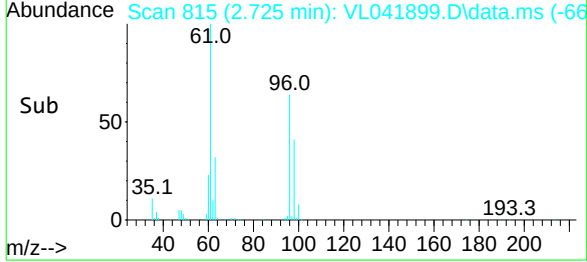
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0114ABS01



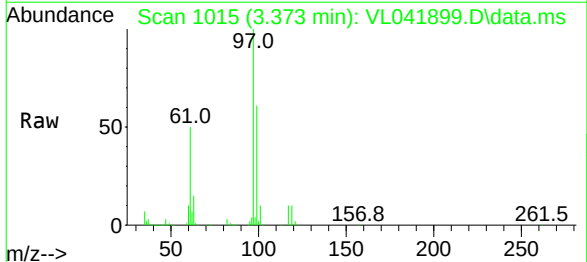
Tgt Ion: 61 Resp: 178543
 Ion Ratio Lower Upper
 61 100
 96 64.2 48.7 73.1
 98 41.2 31.6 47.4

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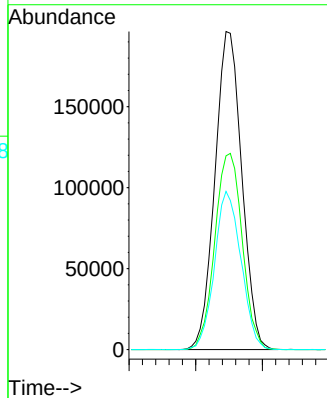
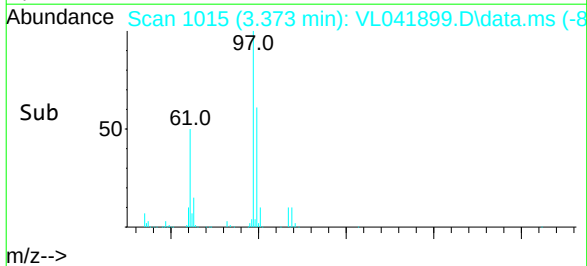
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

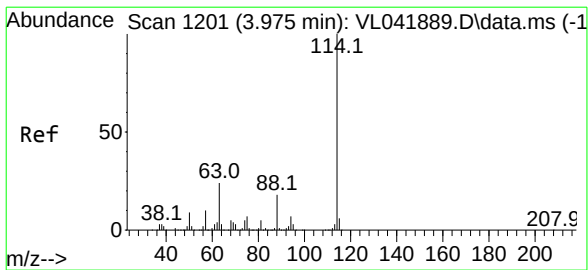


#32
 1,1,1-Trichloroethane
 Concen: 10.439 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36



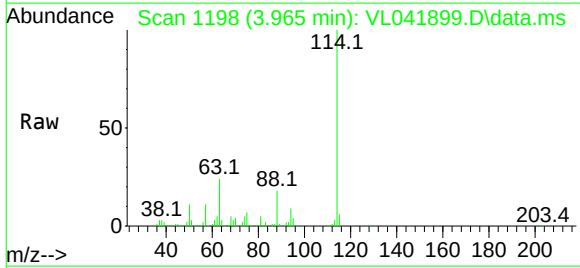
Tgt Ion: 97 Resp: 274943
 Ion Ratio Lower Upper
 97 100
 99 62.9 51.1 76.7
 61 49.1 39.0 58.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 111
Delta R.T. -0.010 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

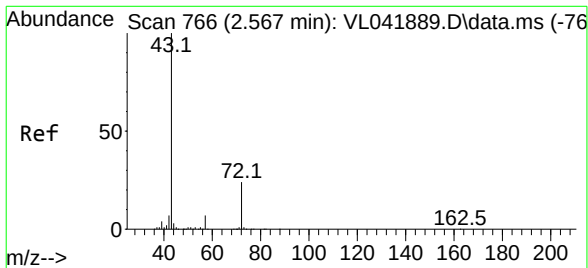
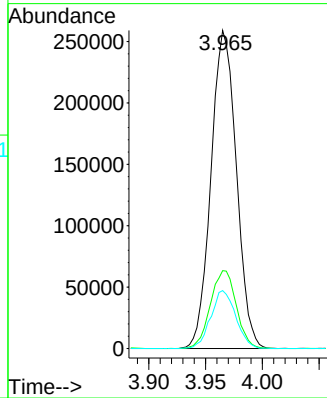
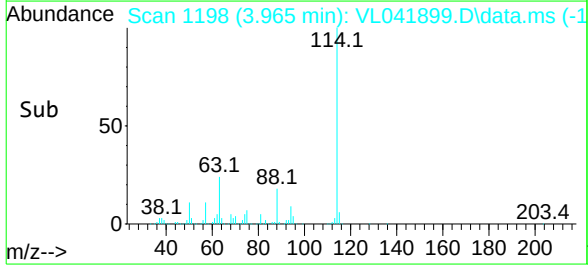
Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01



Tgt Ion: 114 Resp: 402701
Ion Ratio Lower Upper
114 100
63 25.0 19.8 29.6
88 17.9 14.4 21.6

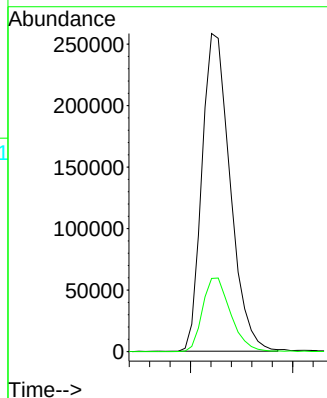
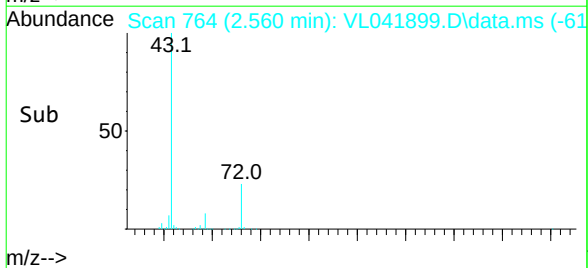
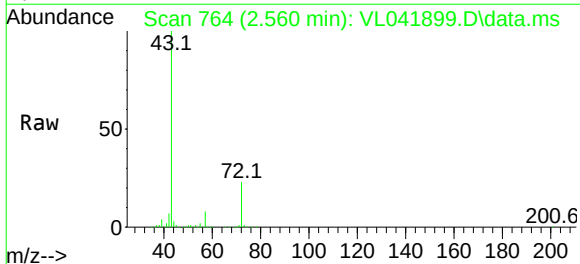
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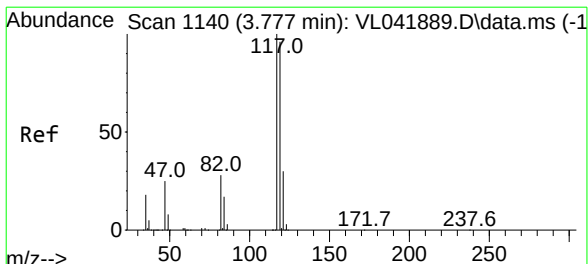
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#34
2-Butanone
Concen: 9.679 ppbv
RT: 2.560 min Scan# 764
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 43 Resp: 247866
Ion Ratio Lower Upper
43 100
72 23.2 18.6 28.0





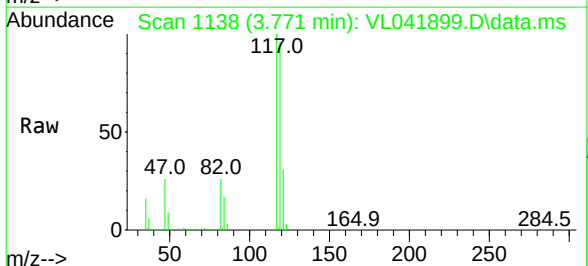
#35
Carbon Tetrachloride
Concen: 10.996 ppbv
RT: 3.771 min Scan# 111
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

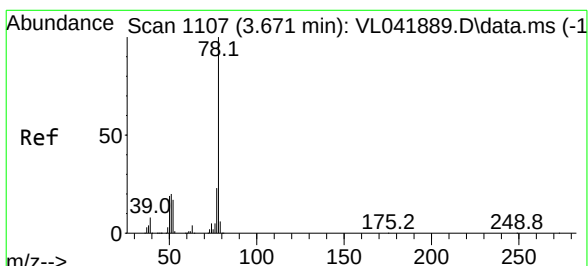
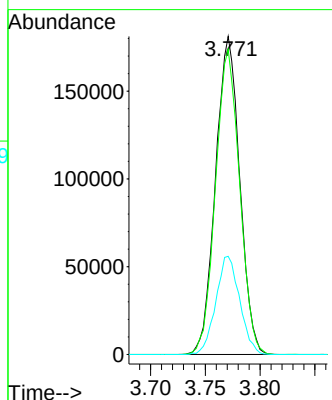
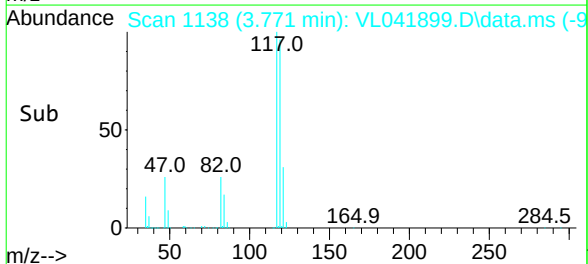
VL0114ABS01



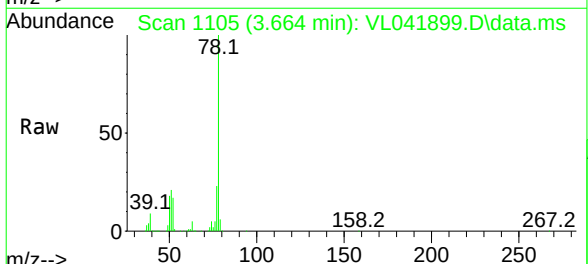
Tgt Ion:	117	Resp:	278138
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.9	115.3
121	30.9	23.8	35.6

Manual Integrations
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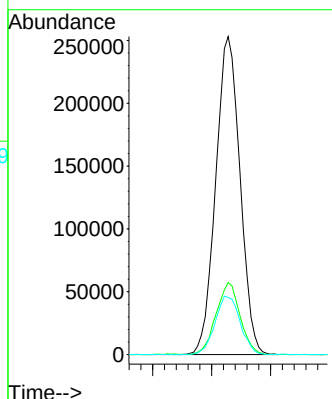
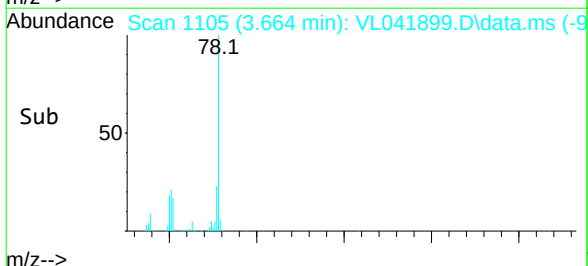
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

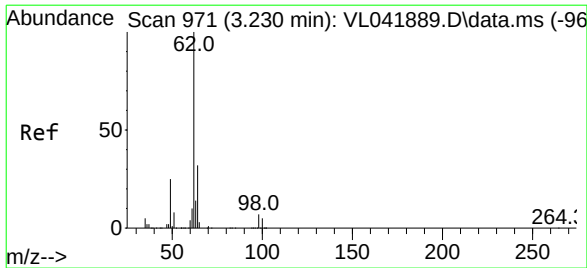


#36
Benzene
Concen: 9.815 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36



Tgt Ion:	78	Resp:	362506
Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.1	27.1
50	18.0	15.2	22.8





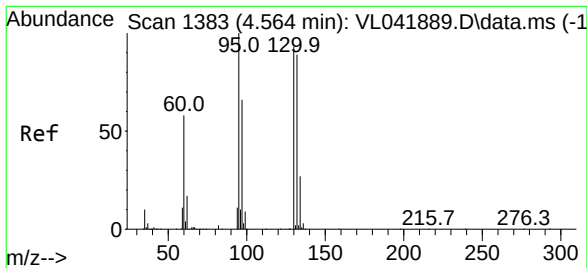
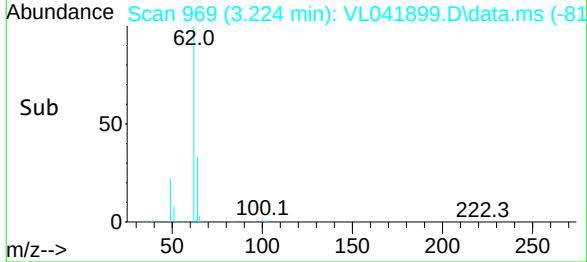
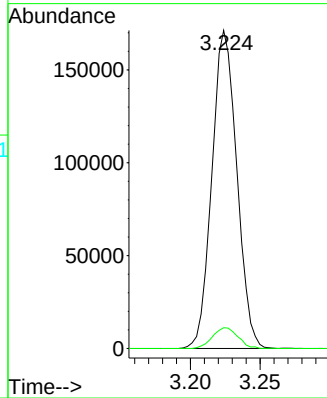
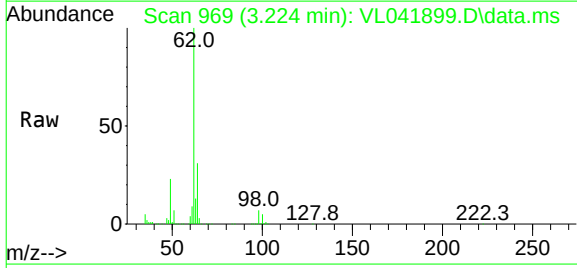
#37
1,2-Dichloroethane
Concen: 10.258 ppbv
RT: 3.224 min Scan# 969
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 62 Resp: 212786
Ion Ratio Lower Upper
62 100
98 6.7 5.4 8.0

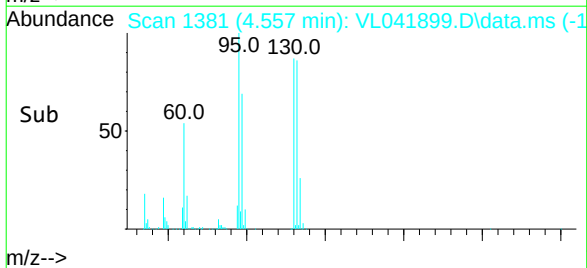
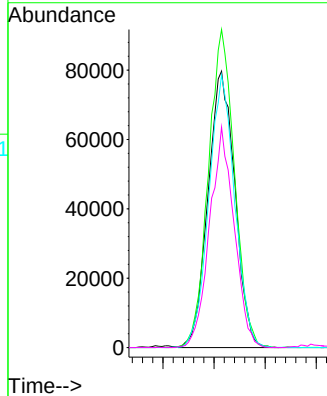
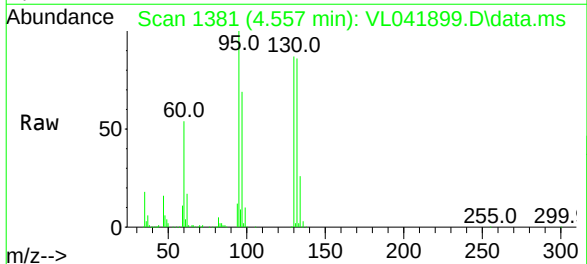
Manual Integrations
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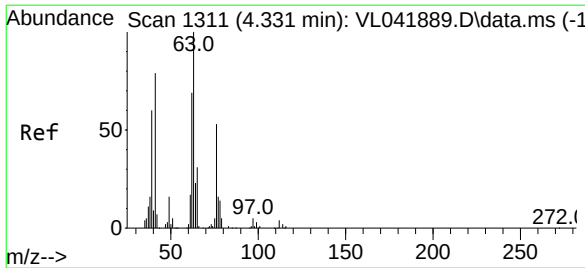
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#38
Trichloroethene
Concen: 9.925 ppbv
RT: 4.557 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion:130 Resp: 145473
Ion Ratio Lower Upper
130 100
95 115.1 85.8 128.8
132 98.5 76.5 114.7
97 79.8 56.8 85.2





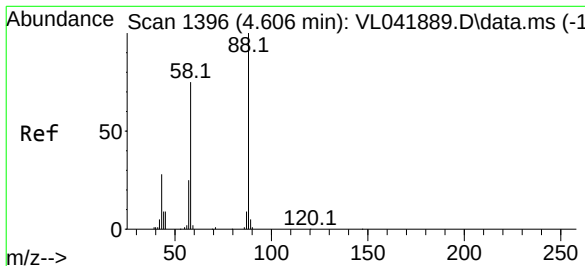
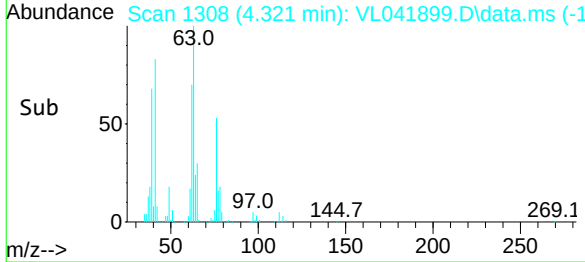
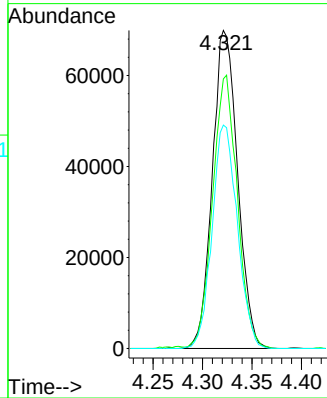
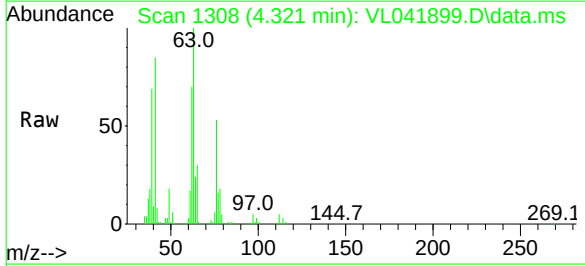
#39
1,2-Dichloropropane
Concen: 9.581 ppbv
RT: 4.321 min Scan# 1311
Delta R.T. -0.010 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 63 Resp: 124131
Ion Ratio Lower Upper
63 100
41 84.8 63.7 95.5
62 70.2 55.4 83.2

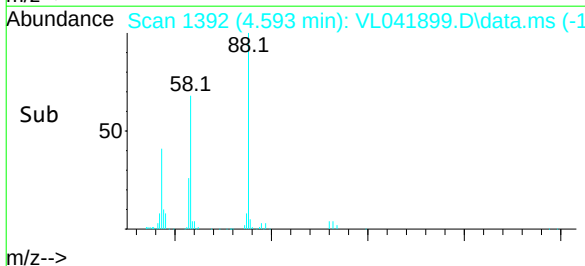
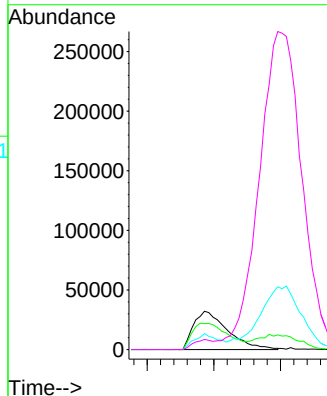
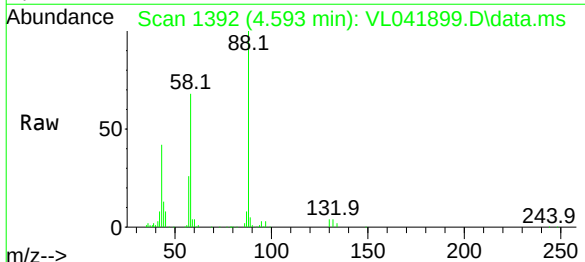
Manual Integrations
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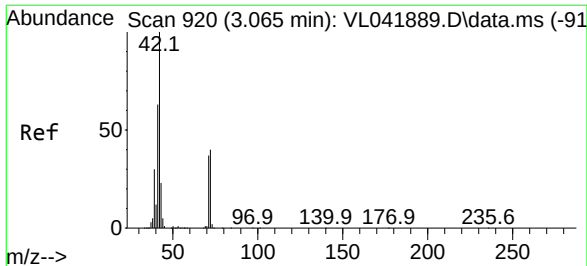
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#40
1,4-Dioxane
Concen: 8.759 ppbv
RT: 4.593 min Scan# 1392
Delta R.T. -0.013 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 88 Resp: 57312
Ion Ratio Lower Upper
88 100
58 75.8 62.1 93.1
43 29.0 0.0 0.0#
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.014 ppbv

RT: 3.059 min Scan# 91

Delta R.T. -0.007 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

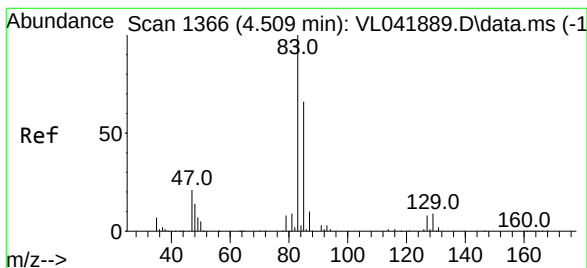
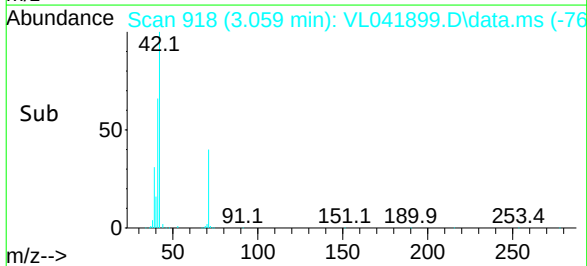
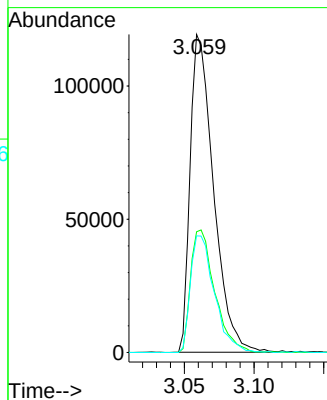
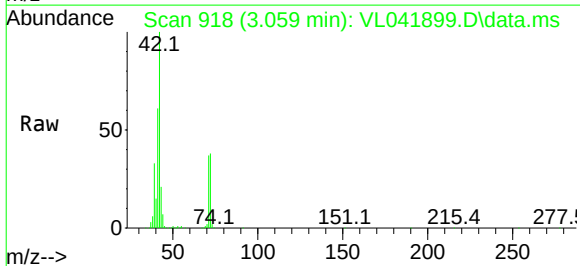
ClientSampleId :

VL0114ABS01

Tgt Ion:	42	Resp:	139374
Ion	Ratio	Lower	Upper
42	100		
72	39.9	32.3	48.5
71	37.6	29.9	44.9

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#42

Bromodichloromethane

Concen: 10.283 ppbv

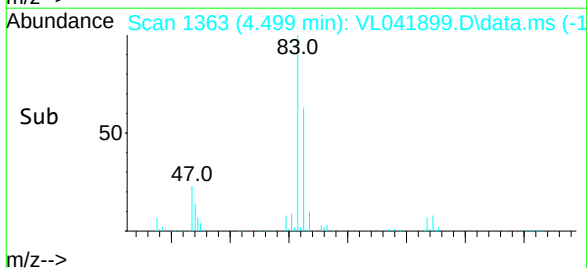
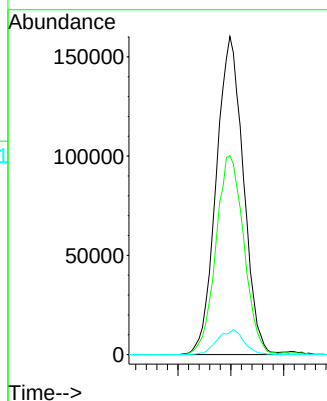
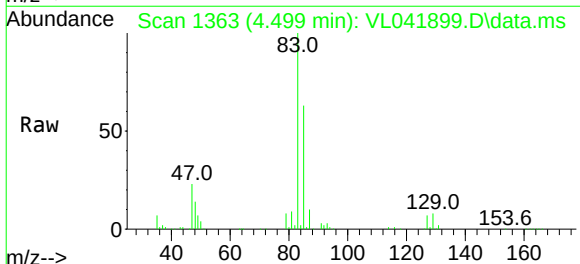
RT: 4.499 min Scan# 1363

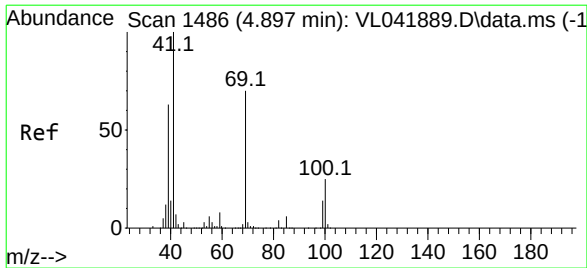
Delta R.T. -0.010 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

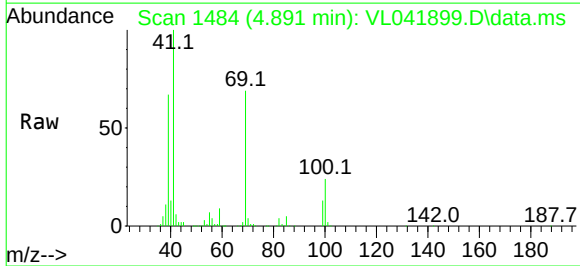
Tgt Ion:	83	Resp:	285998
Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.6	78.8
127	6.9	6.4	9.6





#43
Methyl Methacrylate
Concen: 9.943 ppbv
RT: 4.891 min Scan# 1486
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

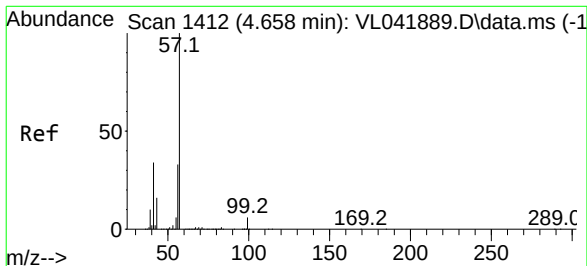
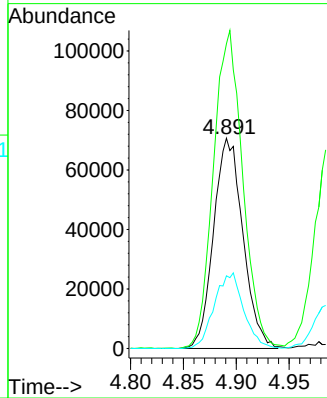
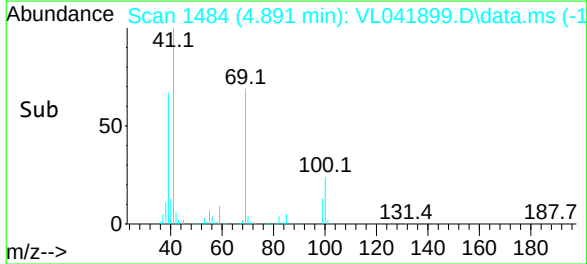
Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01



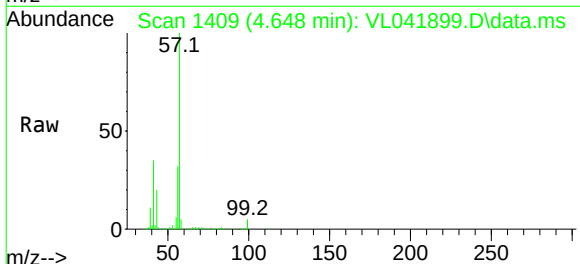
Tgt Ion: 69 Resp: 136428
Ion Ratio Lower Upper
69 100
41 151.1 118.6 177.8
100 36.0 29.3 43.9

Manual Integrations
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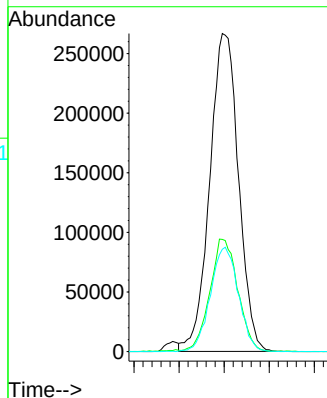
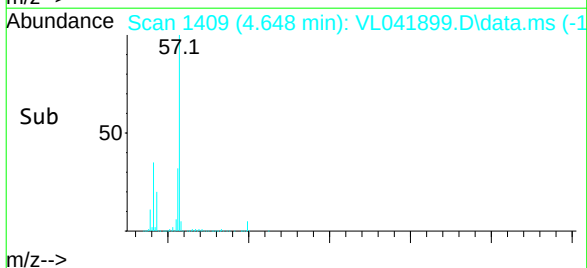
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

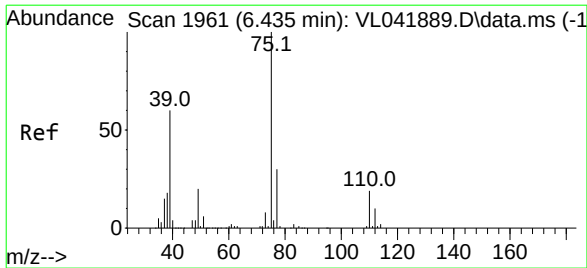


#44
2,2,4-Trimethylpentane
Concen: 9.904 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. -0.010 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36



Tgt Ion: 57 Resp: 591684
Ion Ratio Lower Upper
57 100
41 34.8 26.6 40.0
56 32.0 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 10.347 ppbv

RT: 6.425 min Scan# 19

Delta R.T. -0.010 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Tgt Ion: 75 Resp: 132891

Ion Ratio Lower Upper

75 100

77 31.9 24.3 36.5

Instrument :

MSVOA_L

ClientSampleId :

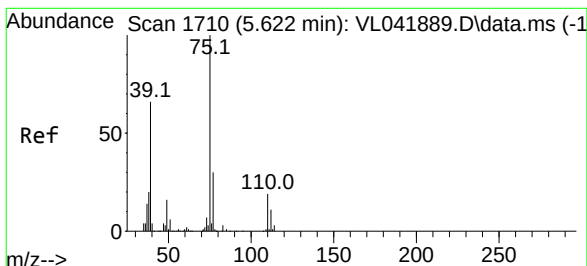
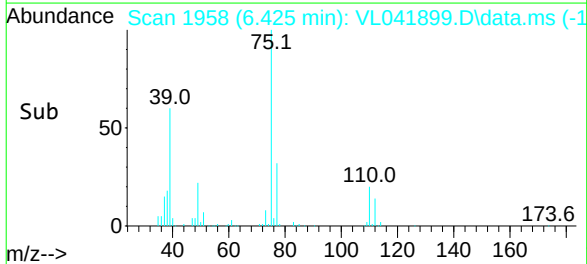
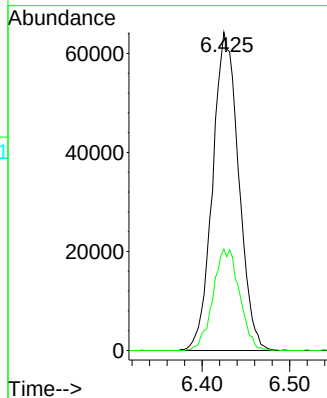
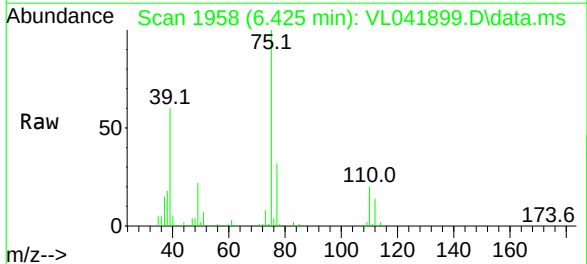
VL0114ABS01

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#46

cis-1,3-Dichloropropene

Concen: 10.452 ppbv

RT: 5.612 min Scan# 1707

Delta R.T. -0.010 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

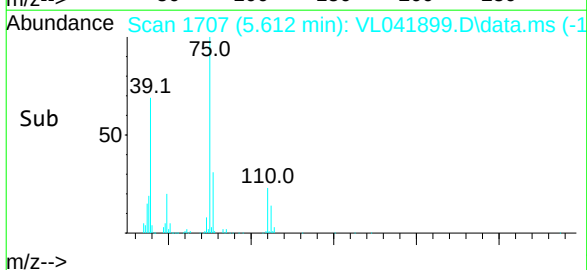
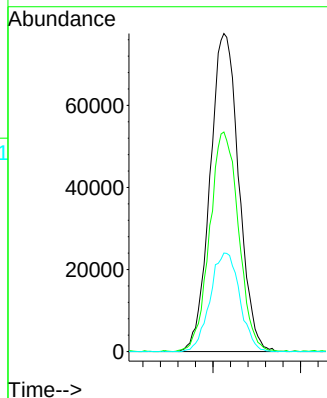
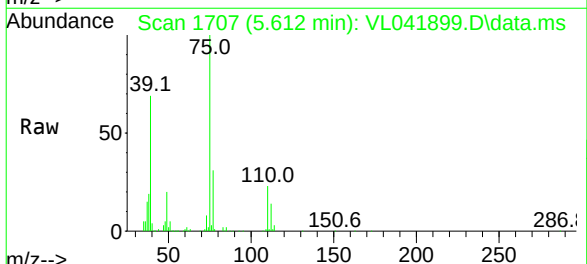
Tgt Ion: 75 Resp: 176246

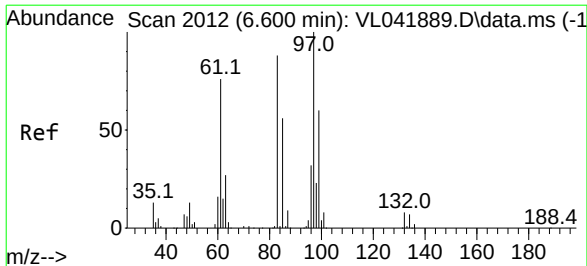
Ion Ratio Lower Upper

75 100

39 68.8 53.1 79.7

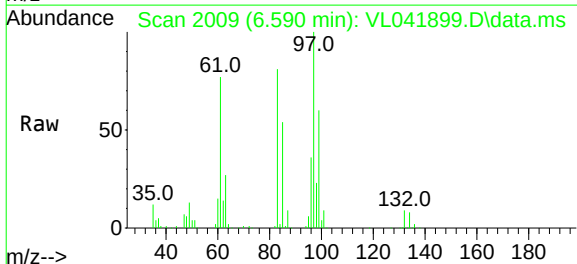
77 31.0 23.8 35.8





#47
1,1,2-Trichloroethane
Concen: 10.087 ppbv
RT: 6.590 min Scan# 2012
Delta R.T. -0.010 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

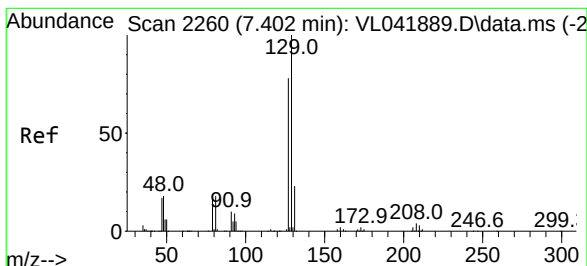
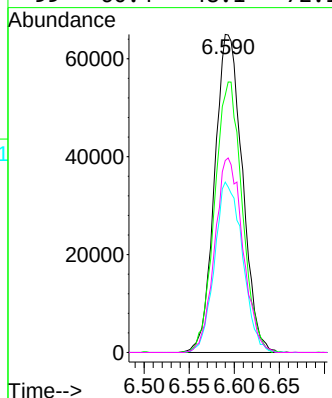
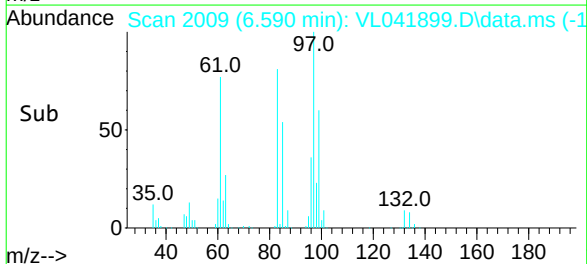
Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.9	70.4	105.6
85	53.6	45.0	67.4
99	60.4	48.1	72.1

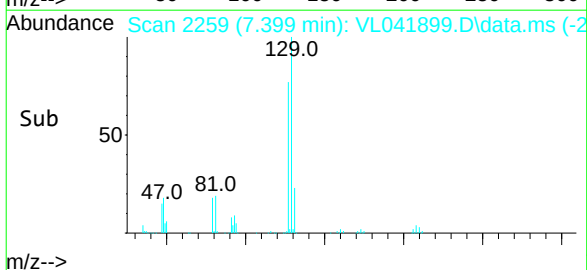
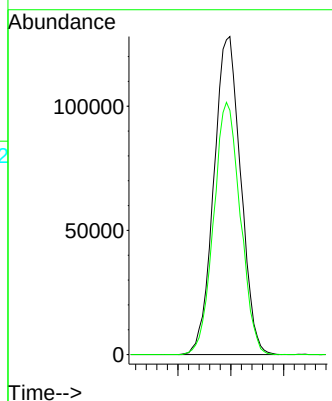
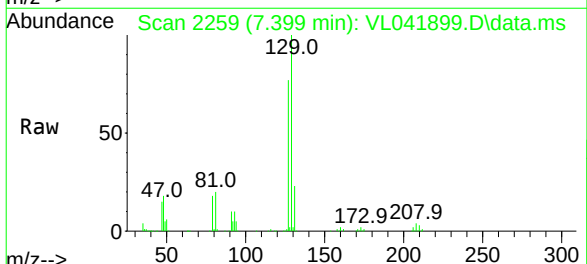
Manual Integrations
APPROVED

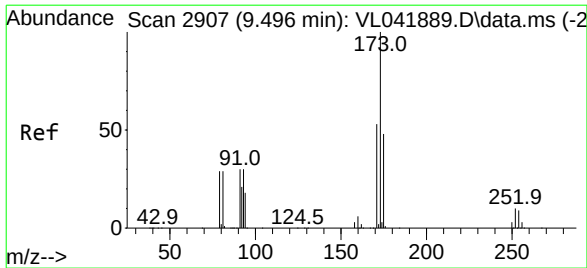
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#48
Dibromochloromethane
Concen: 10.687 ppbv
RT: 7.399 min Scan# 2259
Delta R.T. -0.003 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.3	117.8





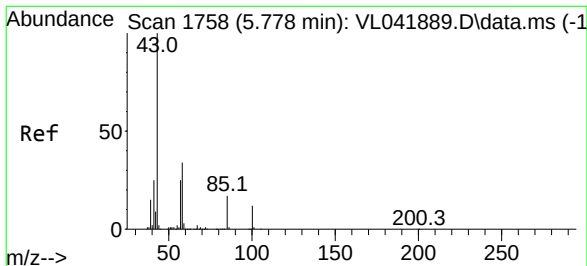
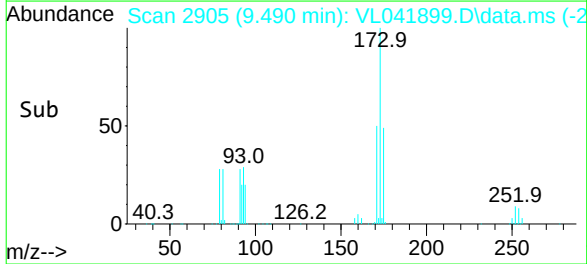
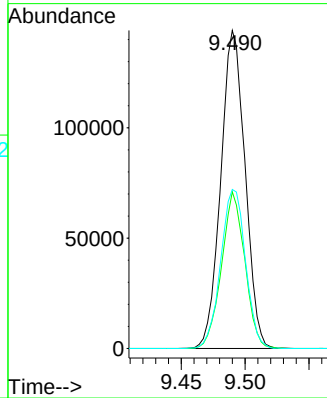
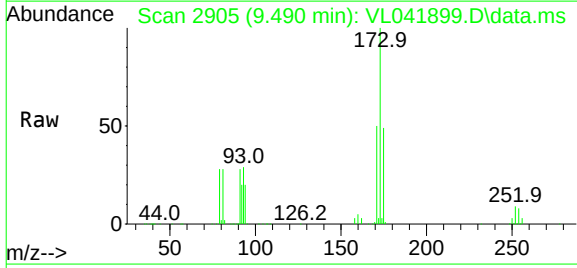
#49
Bromoform
Concen: 10.952 ppbv
RT: 9.490 min Scan# 2907
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 173 Resp: 190603
Ion Ratio Lower Upper
173 100
175 47.1 38.4 57.6
171 51.1 41.4 62.2

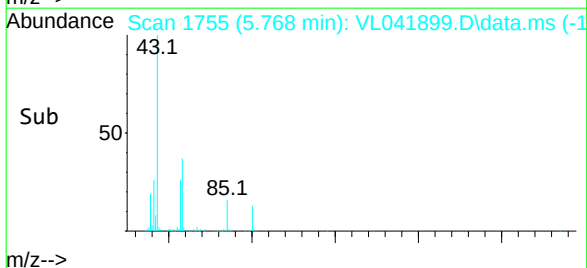
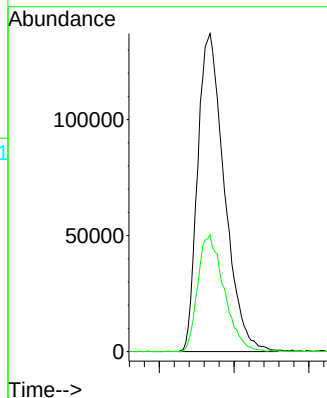
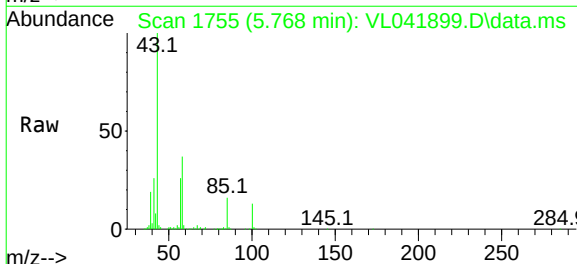
Manual Integrations
APPROVED

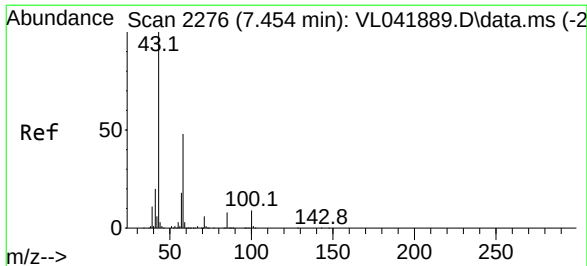
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#50
4-Methyl-2-Pentanone
Concen: 9.722 ppbv
RT: 5.768 min Scan# 1755
Delta R.T. -0.010 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 43 Resp: 339900
Ion Ratio Lower Upper
43 100
58 36.1 29.0 43.6





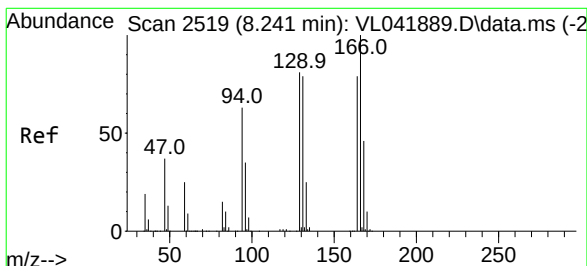
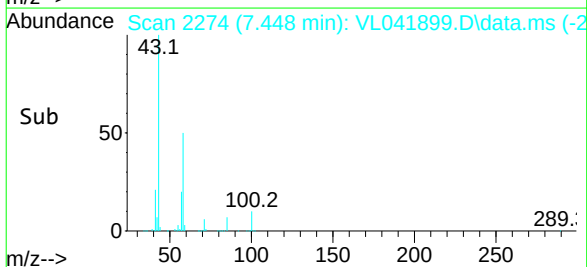
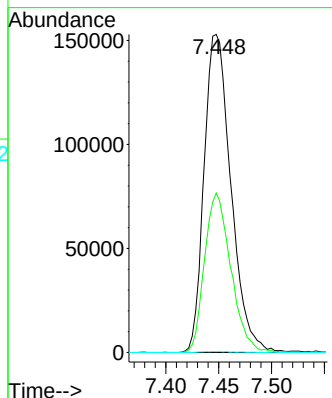
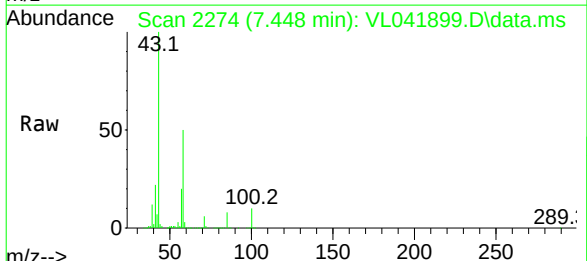
#51
2-Hexanone
Concen: 10.051 ppbv
RT: 7.448 min Scan# 2276
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 43 Resp: 270020
Ion Ratio Lower Upper
43 100
58 49.2 40.4 60.6
98 0.4 0.2 0.2

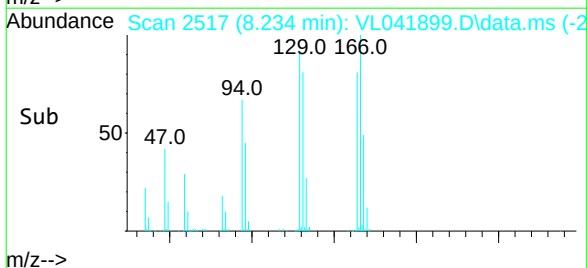
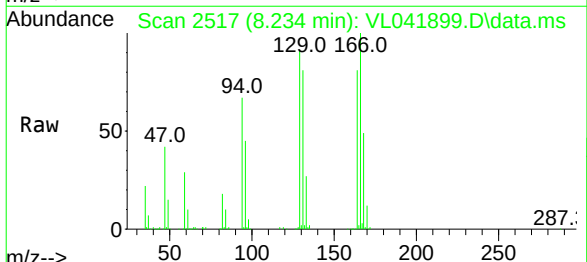
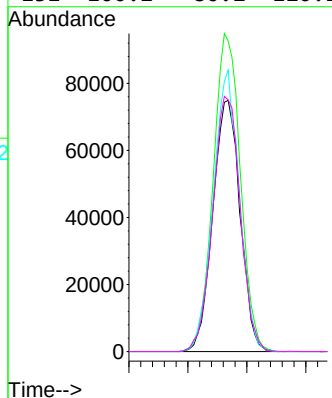
Manual Integrations
APPROVED

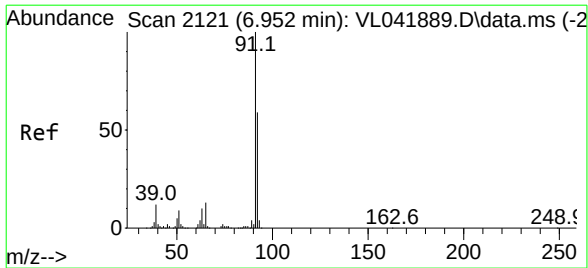
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#52
Tetrachloroethene
Concen: 9.397 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

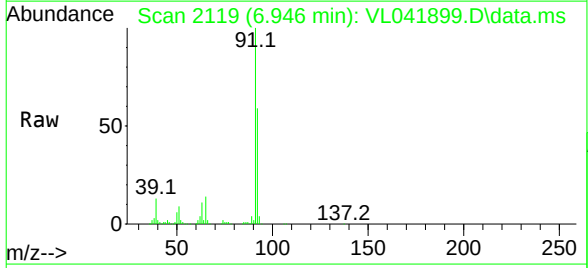
Tgt Ion:164 Resp: 120344
Ion Ratio Lower Upper
164 100
166 123.6 100.8 151.2
129 112.0 82.0 123.0
131 100.2 80.2 120.2





#53
Toluene
Concen: 10.121 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

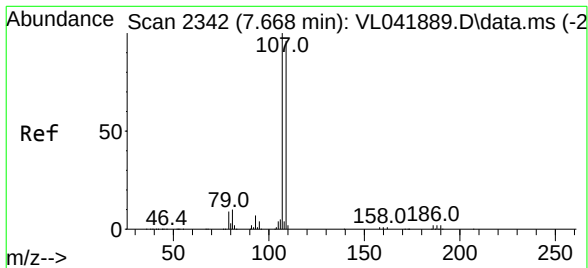
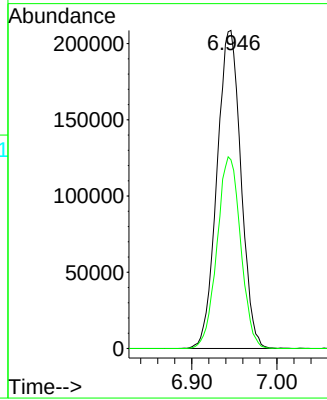
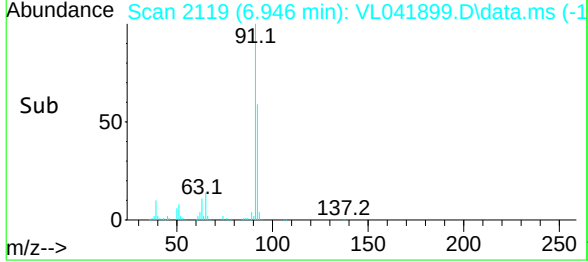
Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01



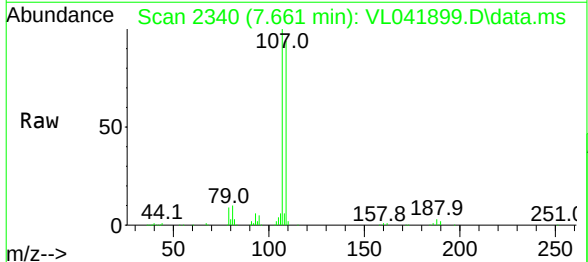
Tgt Ion: 91 Resp: 407178
Ion Ratio Lower Upper
91 100
92 59.5 47.4 71.0

Manual Integrations
APPROVED

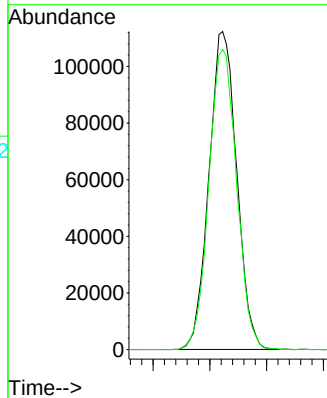
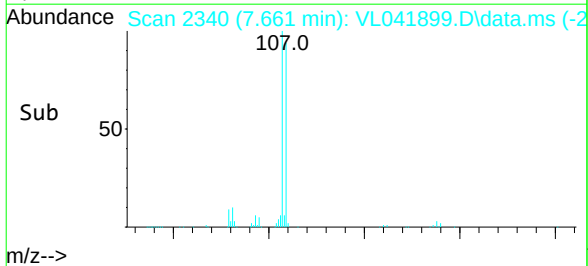
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

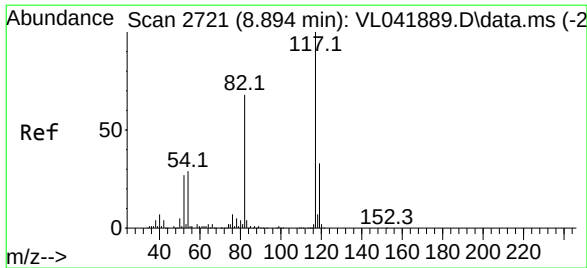


#54
1,2-Dibromoethane
Concen: 10.086 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36



Tgt Ion:107 Resp: 190401
Ion Ratio Lower Upper
107 100
109 94.3 76.7 115.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. -0.007 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

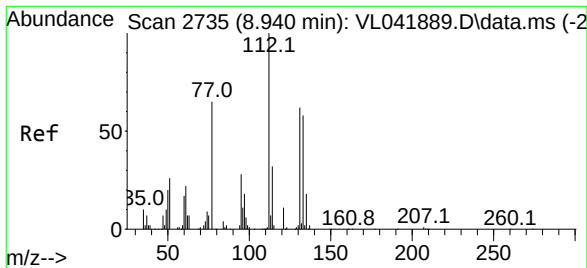
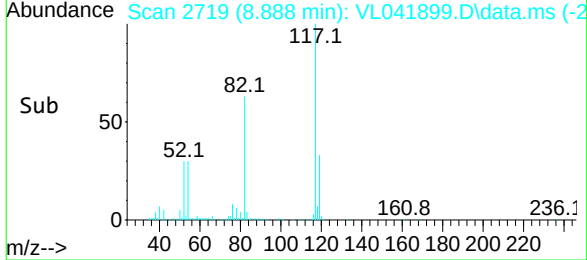
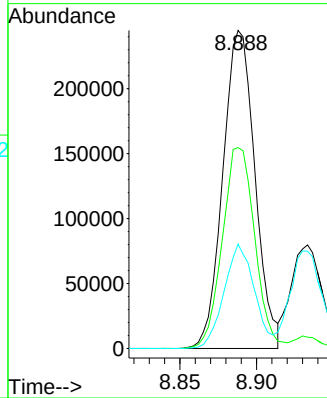
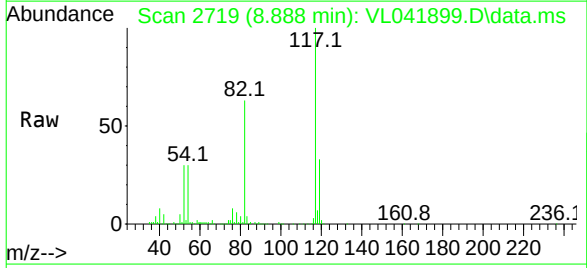
VL0114ABS01

Tgt Ion:	117	Resp:	356460
Ion	Ratio	Lower	Upper
117	100		
82	67.0	54.2	81.4
119	30.5	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 10.112 ppbv

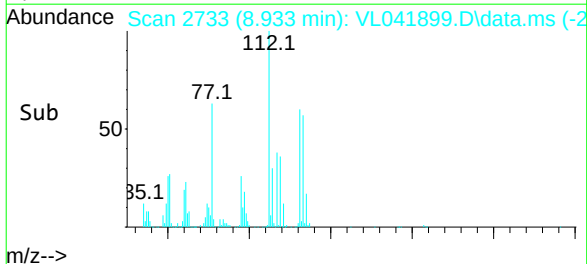
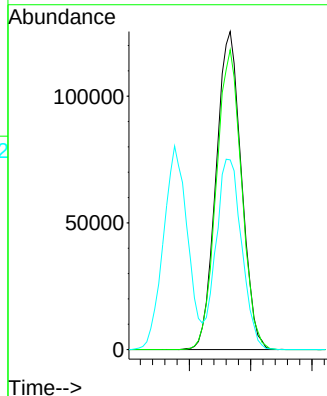
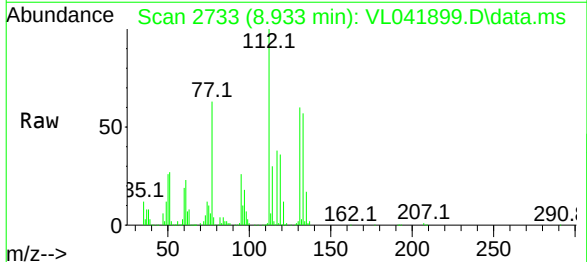
RT: 8.933 min Scan# 2733

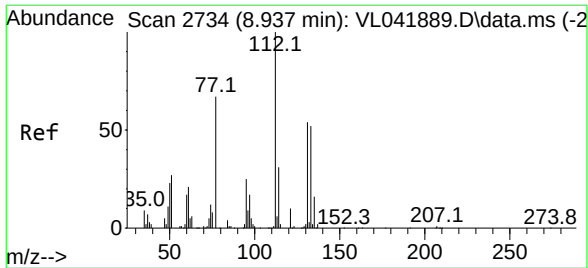
Delta R.T. -0.007 min

Lab File: VL041889.D

Acq: 14 Jan 2025 19:36

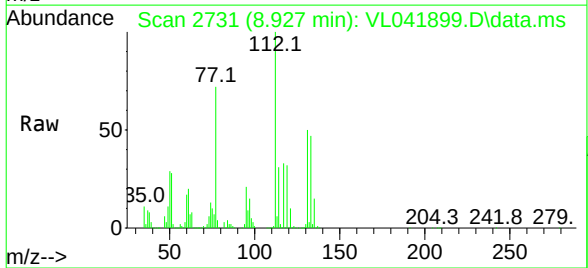
Tgt Ion:	131	Resp:	179834
Ion	Ratio	Lower	Upper
131	100		
133	94.3	76.0	114.0
119	60.7	49.7	74.5





#57
 Chlorobenzene
 Concen: 9.634 ppbv
 RT: 8.927 min Scan# 2734
 Delta R.T. -0.010 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

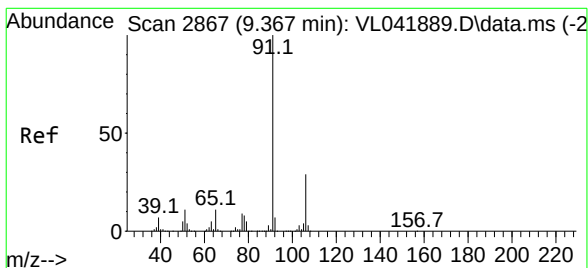
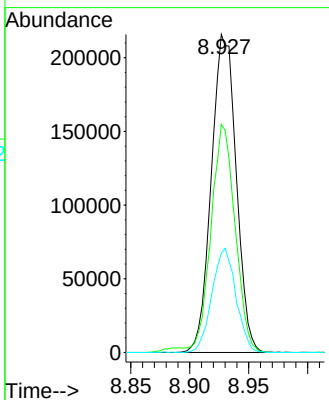
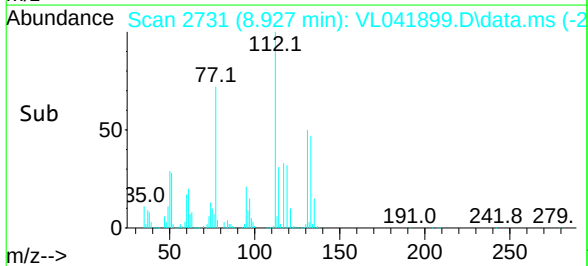
Instrument : MSVOA_L
 ClientSampleId : VL0114ABS01



Tgt Ion:	112	Resp:	316779
Ion Ratio	Lower	Upper	
112	100		
77	71.6	54.6	82.0
114	31.3	28.2	34.4

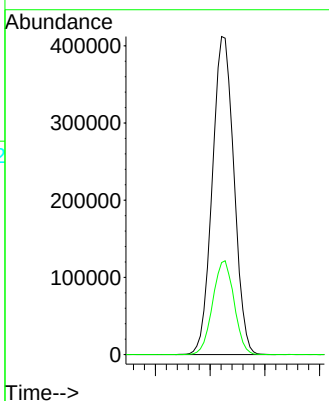
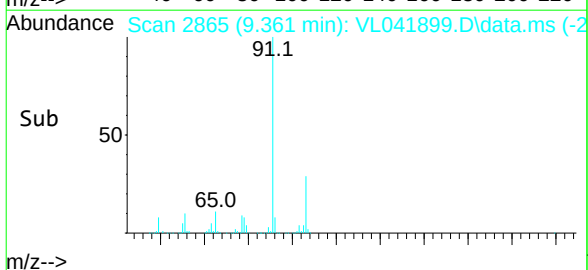
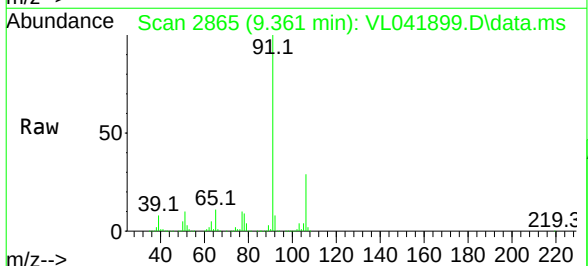
Manual Integrations
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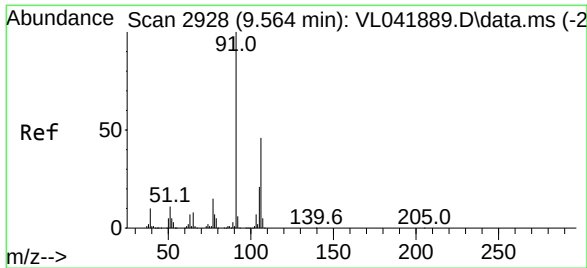
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025



#58
 Ethyl Benzene
 Concen: 10.167 ppbv
 RT: 9.361 min Scan# 2865
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Tgt Ion:	91	Resp:	566411
Ion Ratio	Lower	Upper	
91	100		
106	28.9	23.1	34.7





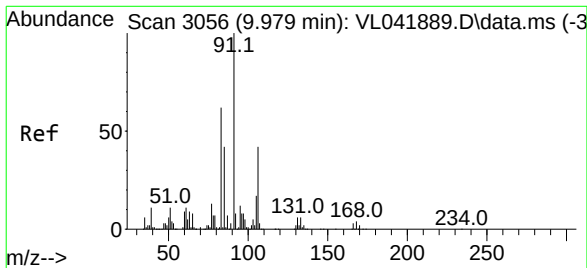
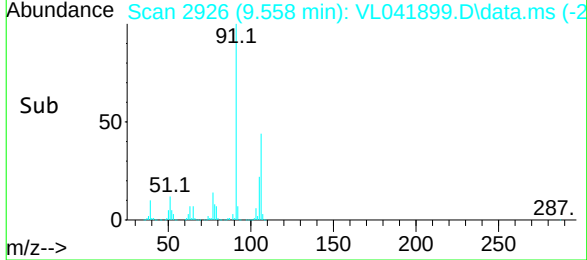
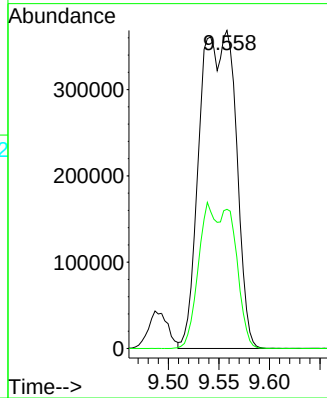
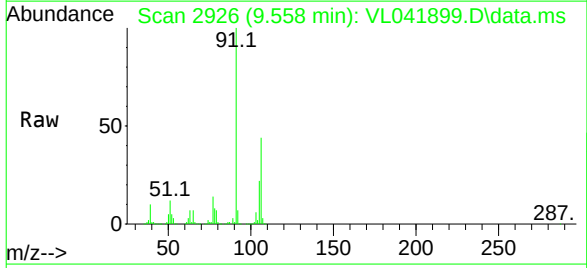
#59
m/p-Xylene
Concen: 20.644 ppbv m
RT: 9.558 min Scan# 29
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 91 Resp: 921827
Ion Ratio Lower Upper
91 100
106 0.0 36.0 54.0#

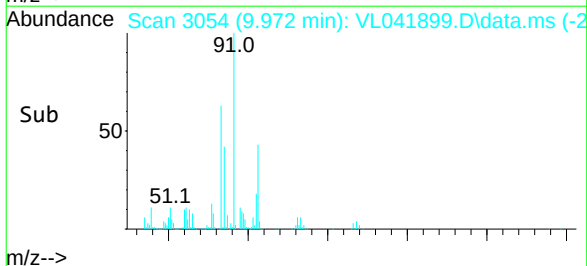
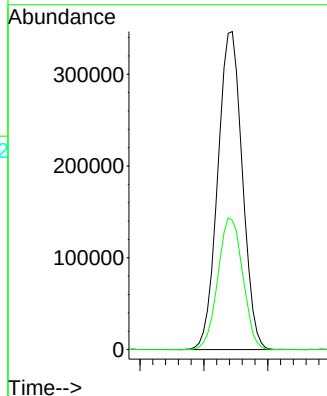
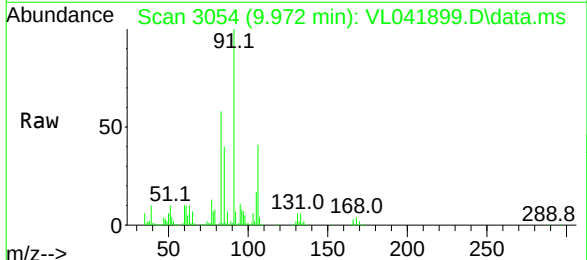
Manual Integrations
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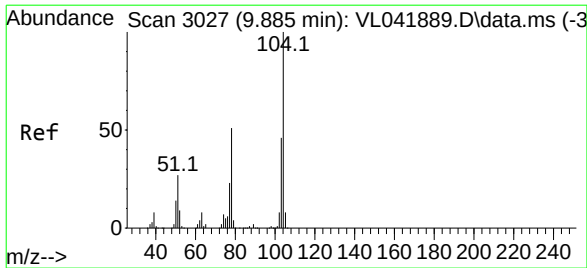
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#60
o-Xylene
Concen: 10.444 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion: 91 Resp: 462914
Ion Ratio Lower Upper
91 100
106 41.9 21.3 63.9





#61

Styrene

Concen: 10.784 ppbv

RT: 9.875 min Scan# 3027

Delta R.T. -0.010 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

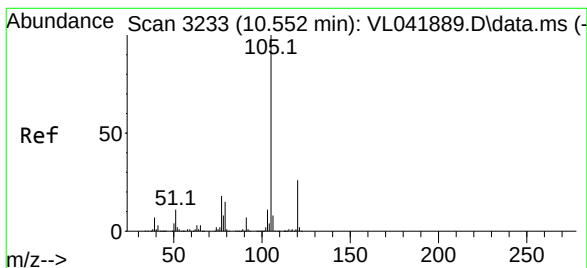
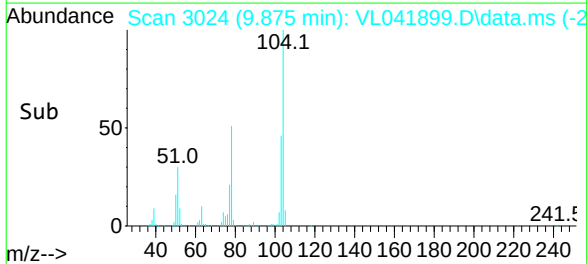
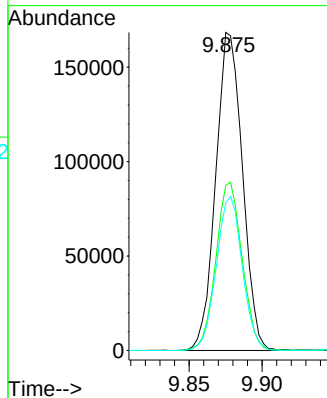
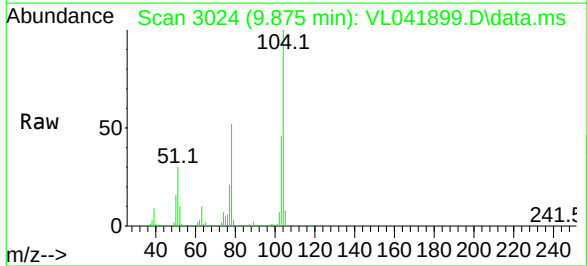
VL0114ABS01

Tgt Ion:	104	Resp:	214400
Ion Ratio	Lower	Upper	
104	100		
78	51.9	41.0	61.6
103	47.2	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#62

Isopropylbenzene

Concen: 10.169 ppbv

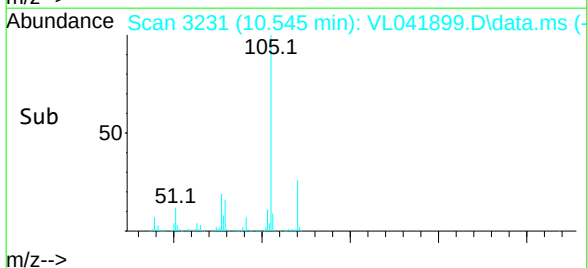
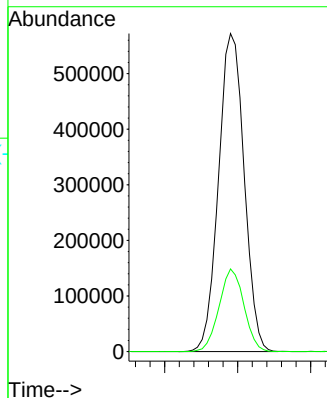
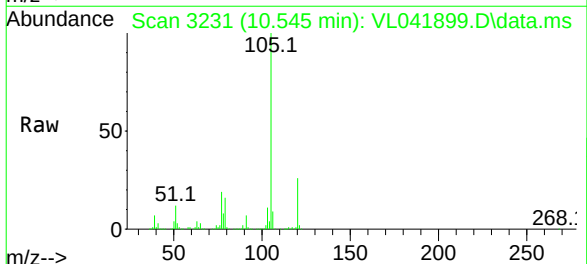
RT: 10.545 min Scan# 3231

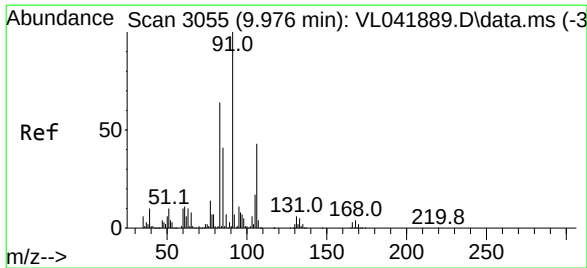
Delta R.T. -0.007 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

Tgt Ion:	105	Resp:	697392
Ion Ratio	Lower	Upper	
105	100		
120	25.2	20.3	30.5





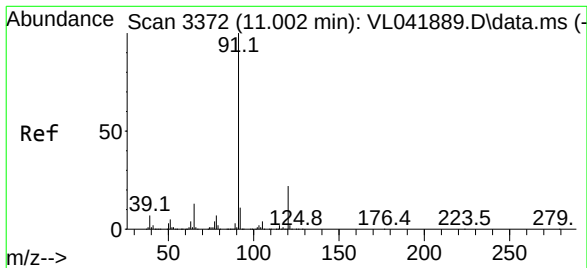
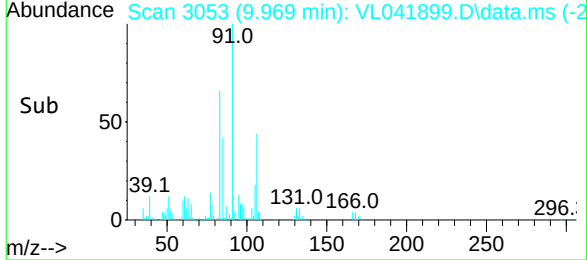
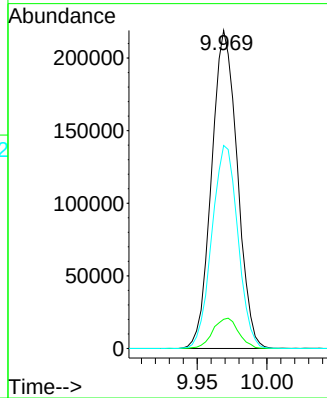
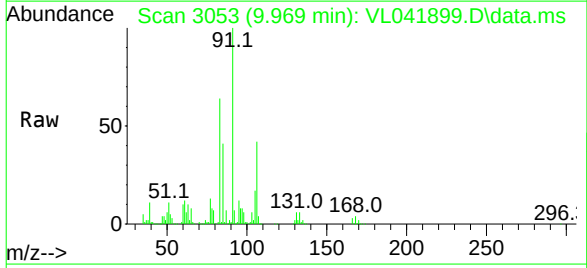
#63
1,1,2,2-Tetrachloroethane
Concen: 9.928 ppbv
RT: 9.969 min Scan# 3055
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

Instrument : MSVOA_L
ClientSampleId : VL0114ABS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.4
85	64.6	32.4	97.2

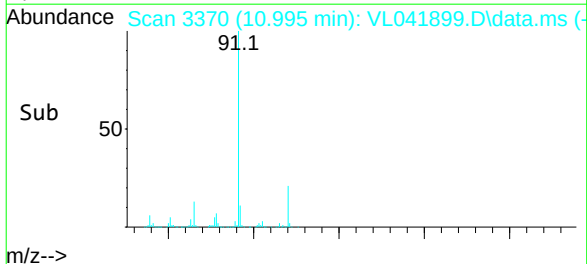
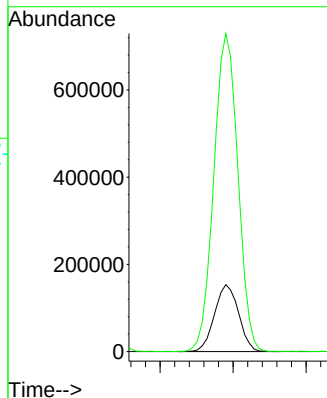
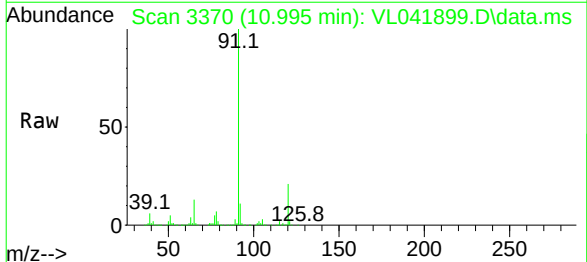
Manual Integrations
APPROVED

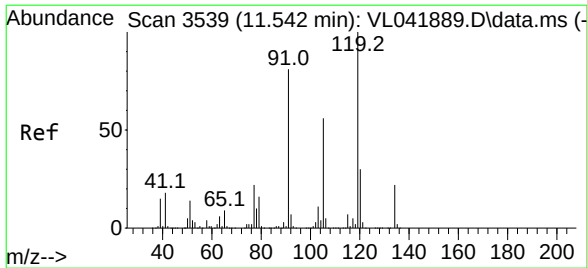
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#64
n-propylbenzene
Concen: 10.119 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

Tgt Ion	Ratio	Lower	Upper
120	100		
91	477.1	374.1	561.1





#65

tert-Butylbenzene

Concen: 10.146 ppbv

RT: 11.539 min Scan# 3539

Delta R.T. -0.003 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0114ABS01

Tgt Ion:119 Resp: 634140

Ion Ratio Lower Upper

119 100

91 81.3 64.6 97.0

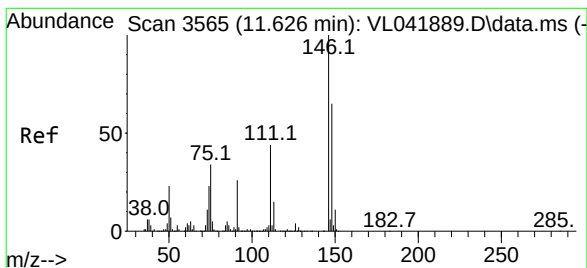
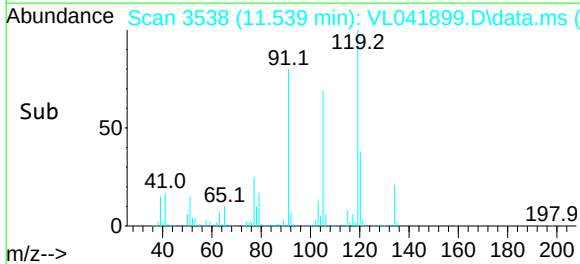
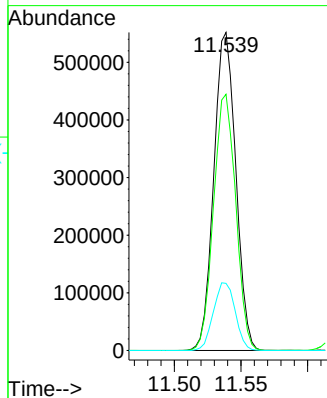
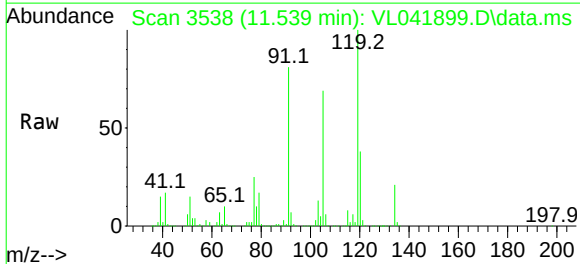
134 21.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#66

Benzyl Chloride

Concen: 9.600 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. -0.003 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

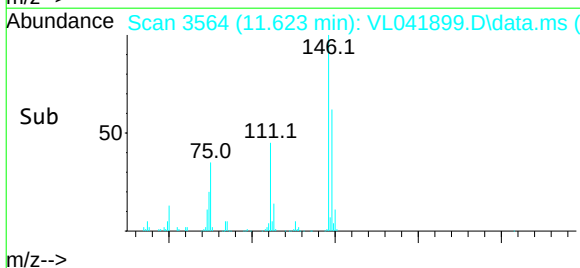
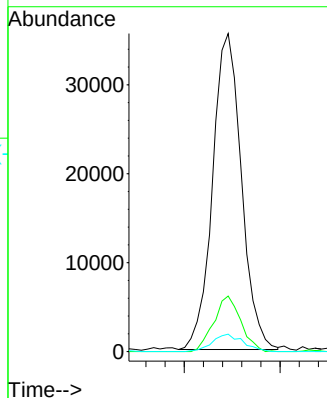
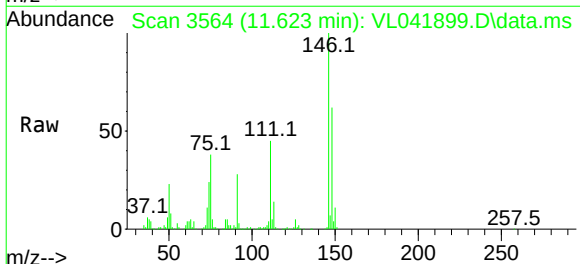
Tgt Ion: 91 Resp: 37139

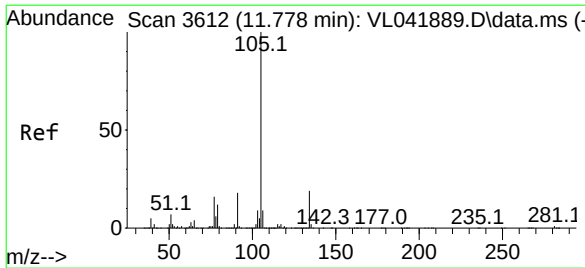
Ion Ratio Lower Upper

91 100

126 16.5 14.1 21.1

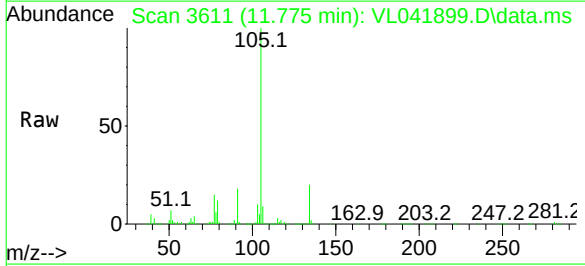
128 5.9 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 10.222 ppbv
 RT: 11.775 min Scan# 3612
 Delta R.T. -0.003 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

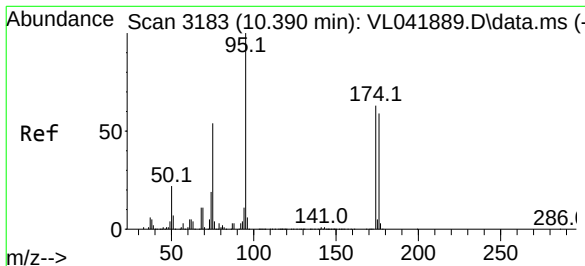
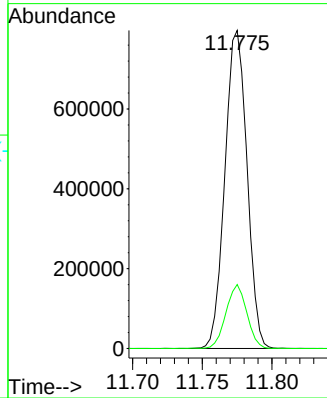
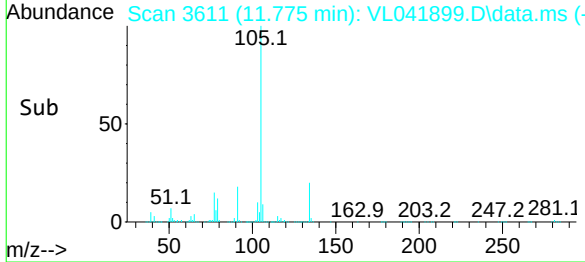
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0114ABS01



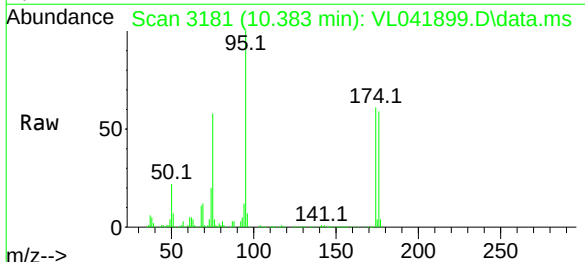
Tgt Ion: 105 Resp: 879679
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.1 22.7

Manual Integrations
 APPROVED

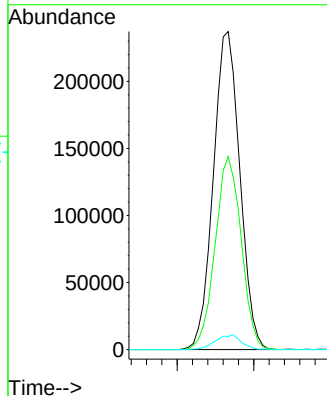
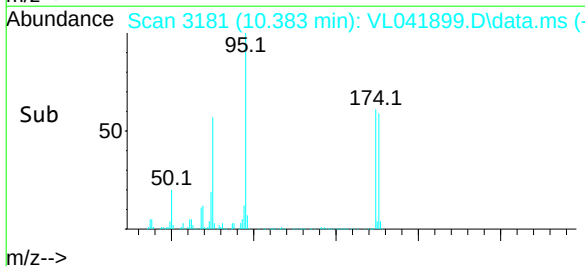
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

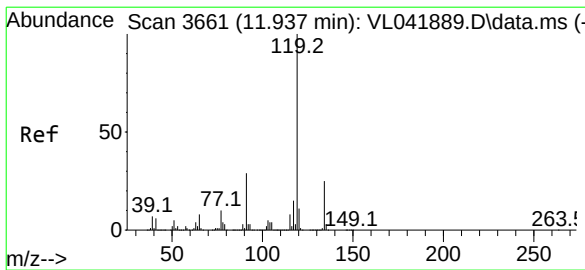


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.153 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36



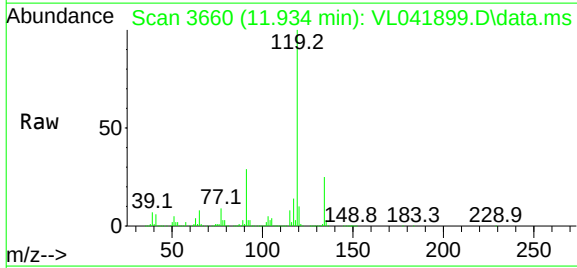
Tgt Ion: 95 Resp: 285053
 Ion Ratio Lower Upper
 95 100
 174 59.7 49.0 73.4
 175 4.6 3.8 5.8





#69
p-Isopropyltoluene
Concen: 10.368 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

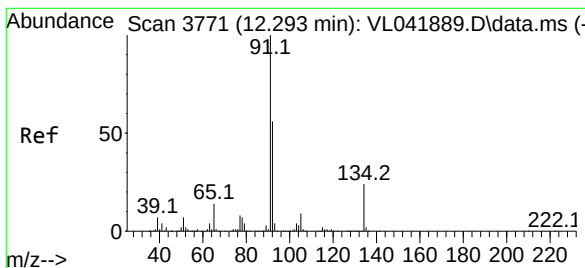
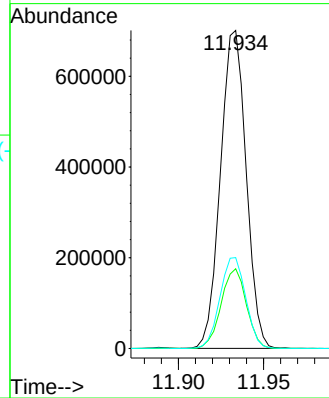
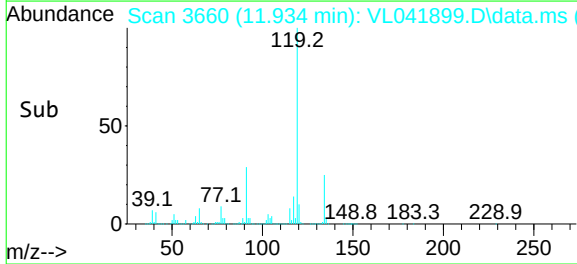
Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01



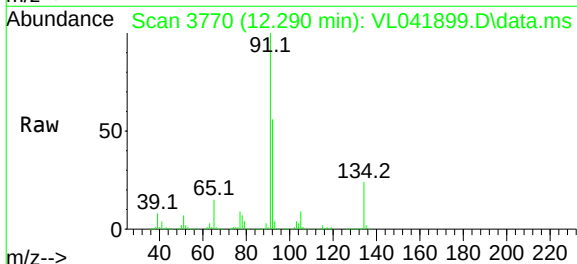
Tgt Ion:	119	Resp:	734754
Ion	Ratio	Lower	Upper
119	100		
134	24.8	19.8	29.6
91	28.9	23.0	34.4

Manual Integrations
APPROVED

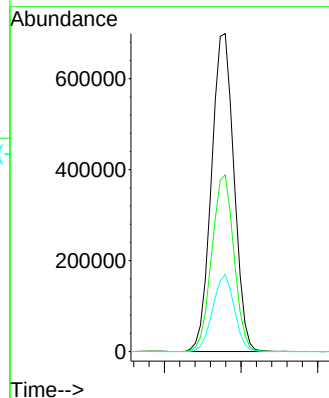
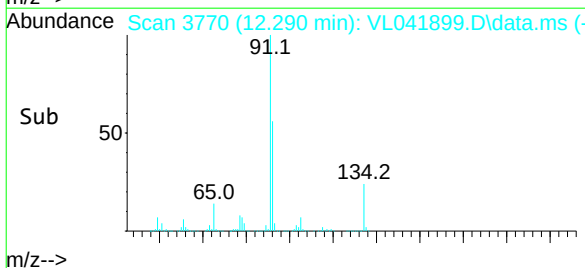
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

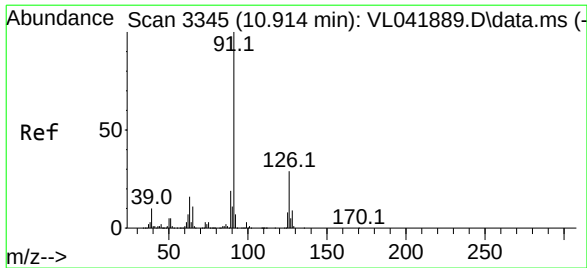


#70
n-Butylbenzene
Concen: 10.169 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. -0.003 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36



Tgt Ion:	91	Resp:	714677
Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.8	65.6
134	23.3	19.0	28.6





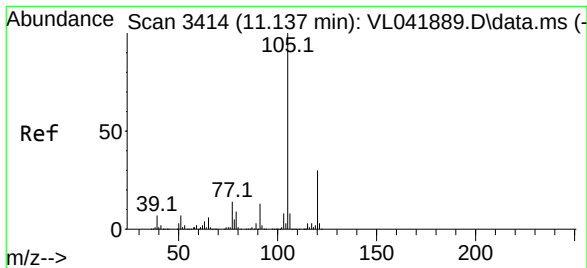
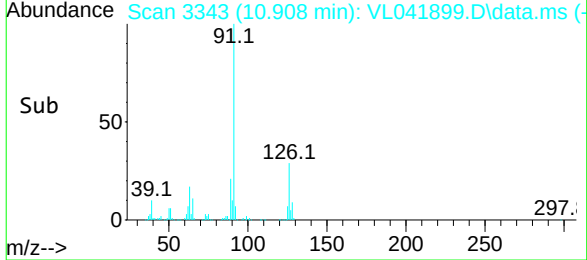
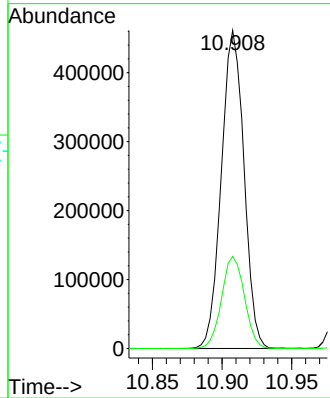
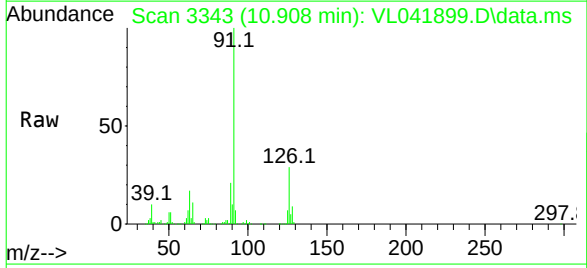
#71
2-Chlorotoluene
Concen: 10.264 ppbv
RT: 10.908 min Scan# 3345
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion: 91 Resp: 520731
Ion Ratio Lower Upper
91 100
126 29.2 11.7 46.7

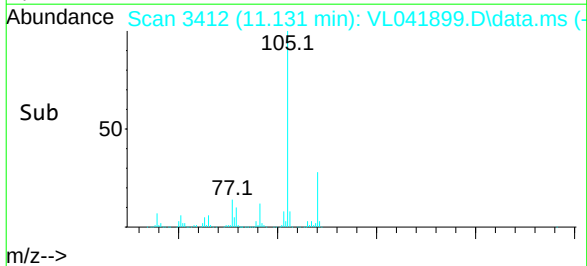
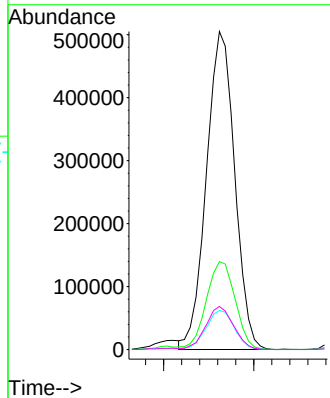
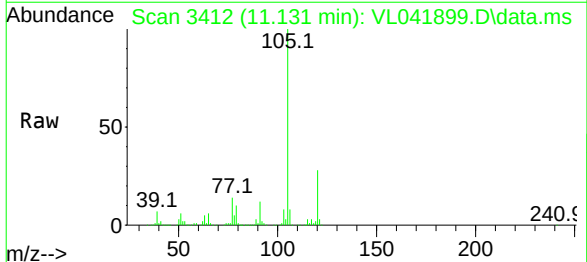
Manual Integrations
APPROVED

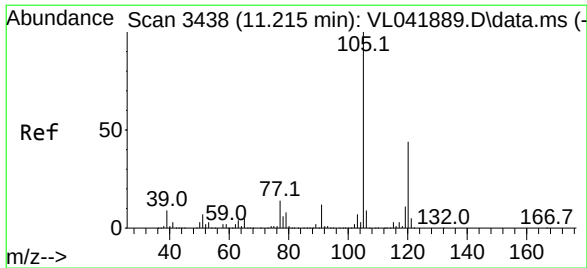
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#72
4-Ethyltoluene
Concen: 10.382 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.007 min
Lab File: VL041889.D
Acq: 14 Jan 2025 19:36

Tgt Ion:105 Resp: 550386
Ion Ratio Lower Upper
105 100
120 29.1 23.7 35.5
91 12.9 10.2 15.2
77 13.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 10.223 ppbv

RT: 11.212 min Scan# 34

Delta R.T. -0.003 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0114ABS01

Tgt Ion:105 Resp: 478593

Ion Ratio Lower Upper

105 100

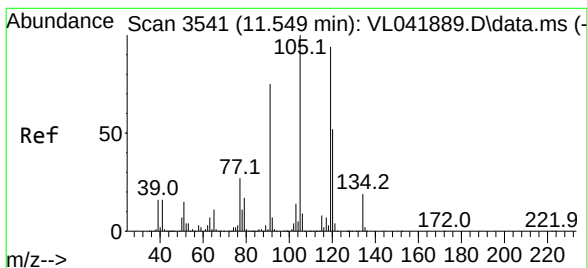
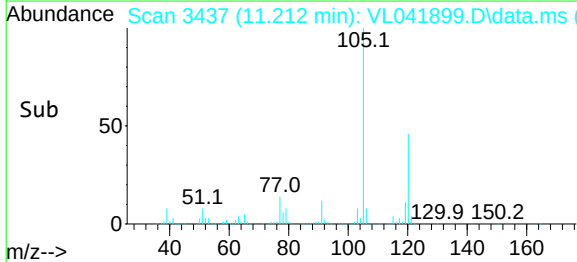
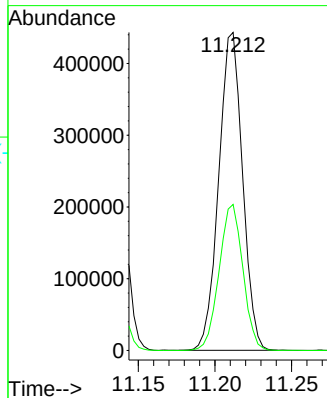
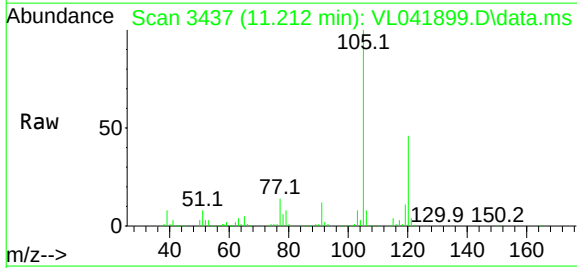
120 46.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.150 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.007 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

Tgt Ion:105 Resp: 514624

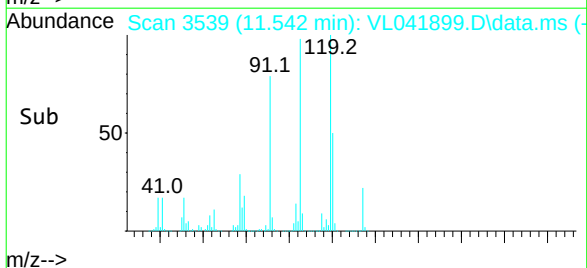
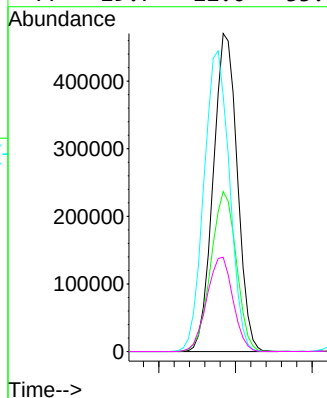
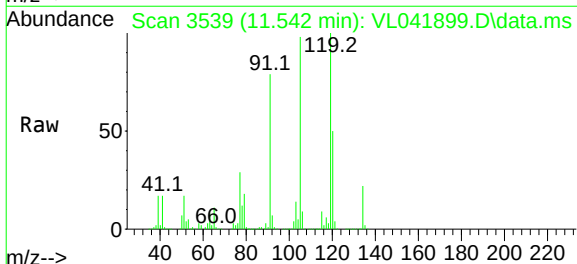
Ion Ratio Lower Upper

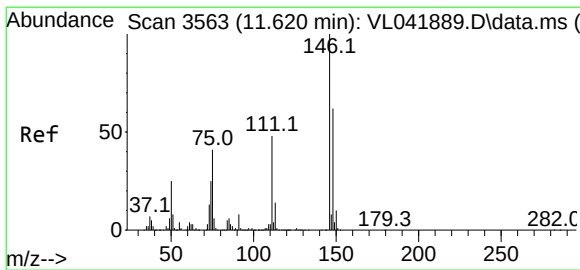
105 100

120 50.2 41.4 62.2

91 80.5 60.2 90.2

77 29.7 22.0 33.0





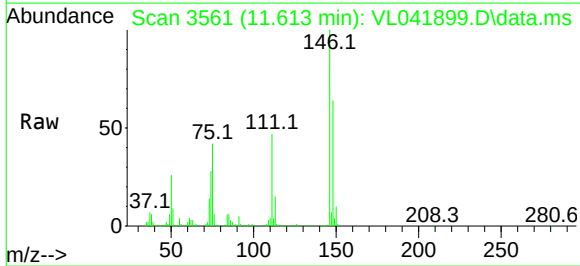
#75
 1,3-Dichlorobenzene
 Concen: 9.754 ppbv
 RT: 11.613 min Scan# 3561
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0114ABS01

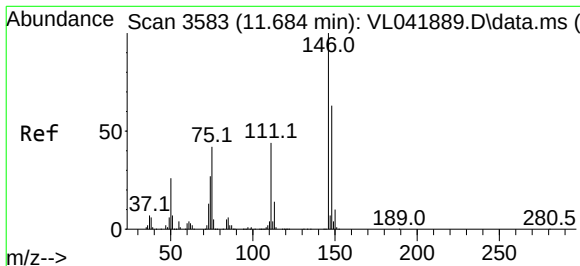
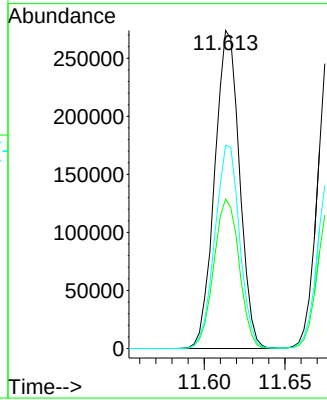
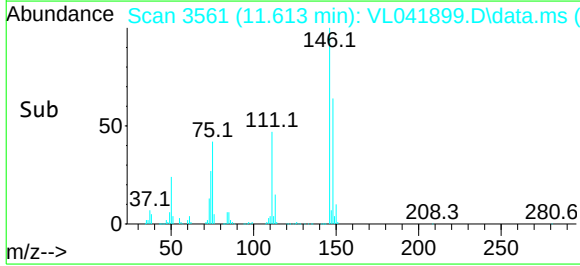


Tgt Ion:146 Resp: 293053
 Ion Ratio Lower Upper
 146 100
 111 48.1 23.6 70.8
 148 63.9 31.4 94.0

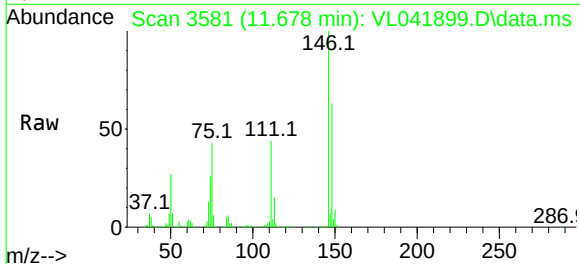
Manual Integrations

APPROVED

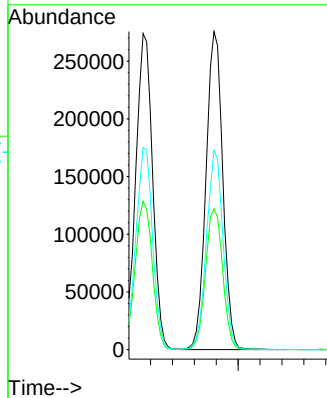
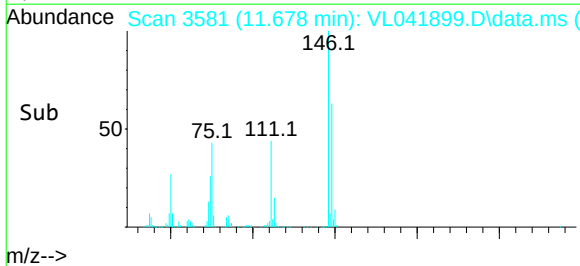
Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

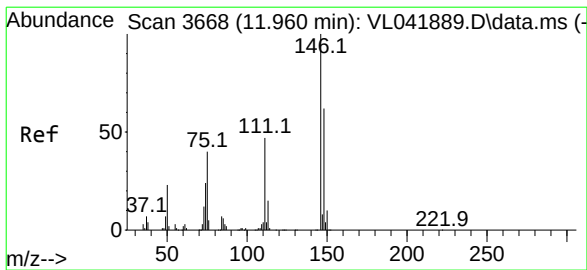


#76
 1,4-Dichlorobenzene
 Concen: 9.980 ppbv
 RT: 11.678 min Scan# 3581
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36



Tgt Ion:146 Resp: 293347
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.4 67.0
 148 62.0 31.9 95.5





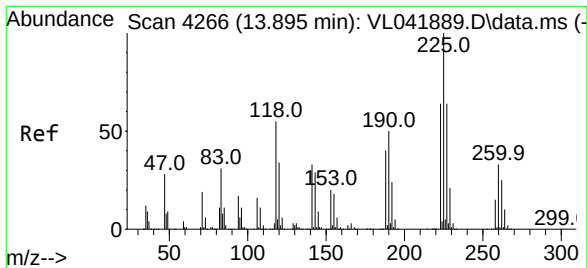
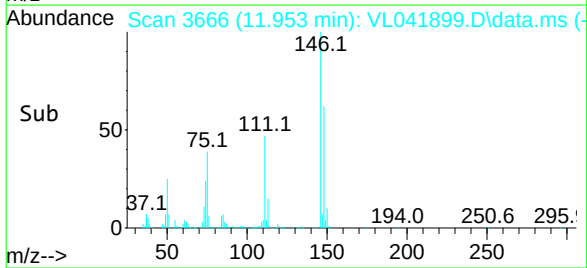
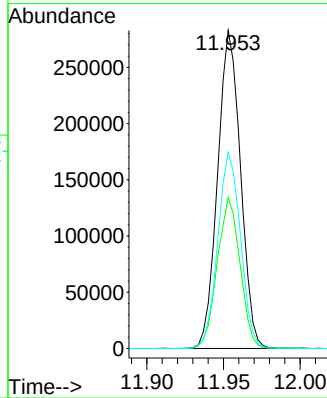
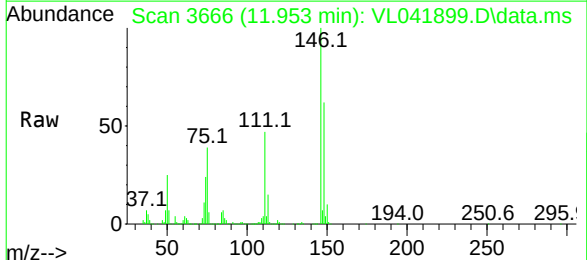
#77
1,2-Dichlorobenzene
Concen: 9.876 ppbv
RT: 11.953 min Scan# 3668
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.1	24.2	72.6
148	61.1	31.7	95.1

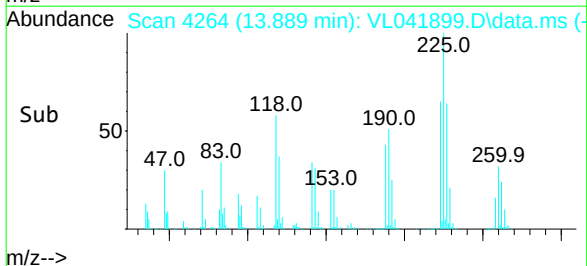
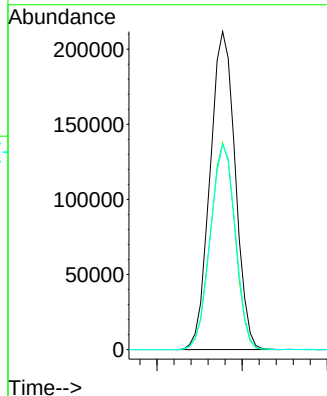
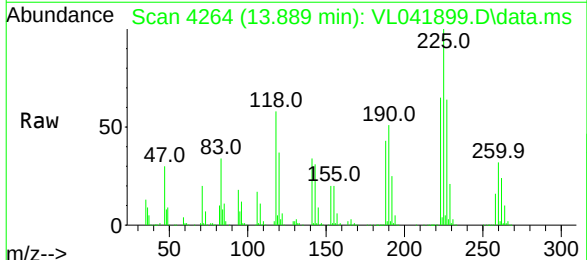
Manual Integrations
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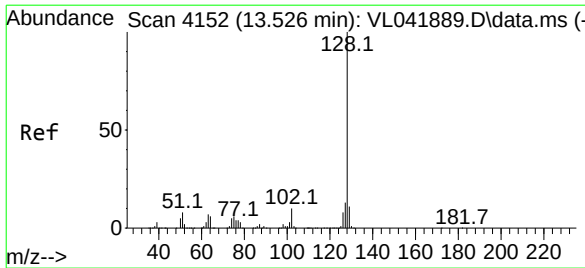
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#78
Hexachloro-1,3-Butadiene
Concen: 8.898 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. -0.007 min
Lab File: VL041899.D
Acq: 14 Jan 2025 19:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.8	76.2
227	64.1	50.3	75.5





#79

Naphthalene

Concen: 9.179 ppbv

RT: 13.520 min Scan# 4152

Delta R.T. -0.007 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

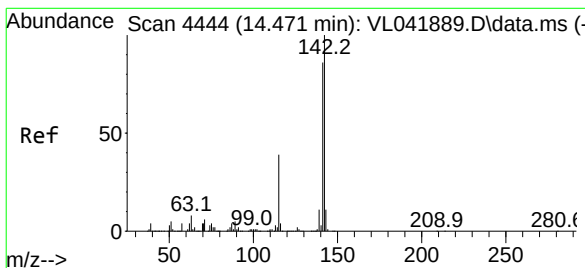
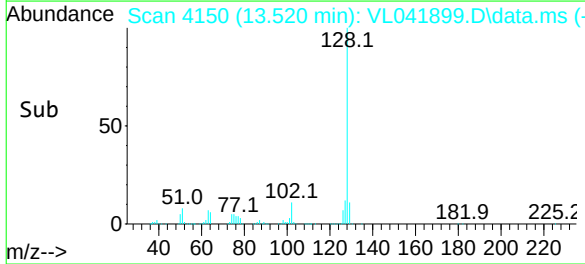
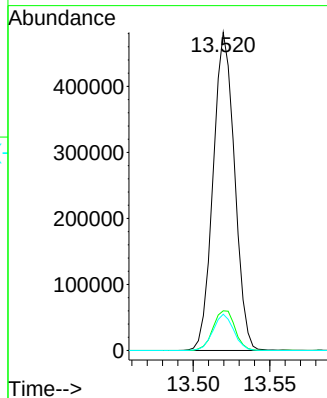
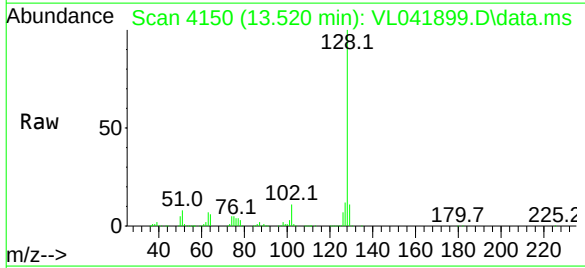
VL0114ABS01

Tgt Ion:	128	Resp:	468576
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	11.4	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#80

Naphthalene, 2-methyl-

Concen: 6.737 ppbv

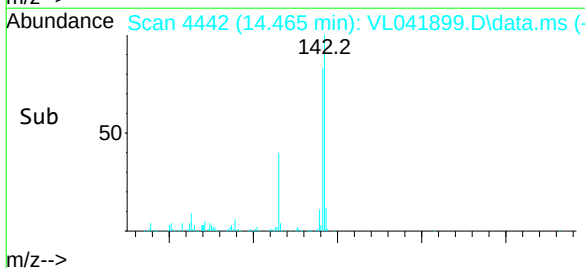
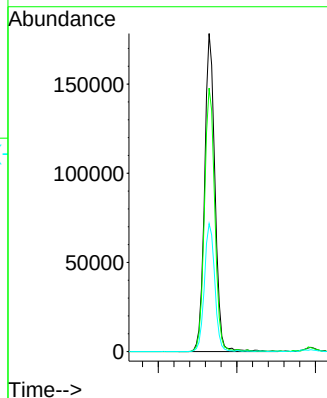
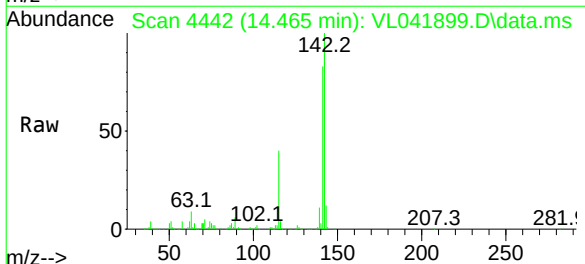
RT: 14.465 min Scan# 4442

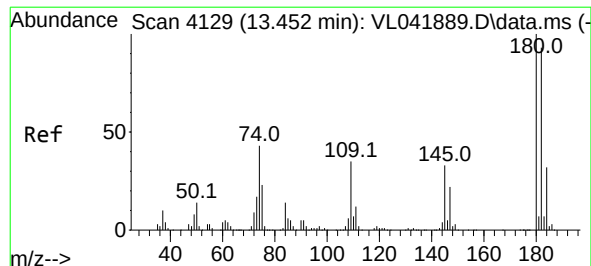
Delta R.T. -0.007 min

Lab File: VL041899.D

Acq: 14 Jan 2025 19:36

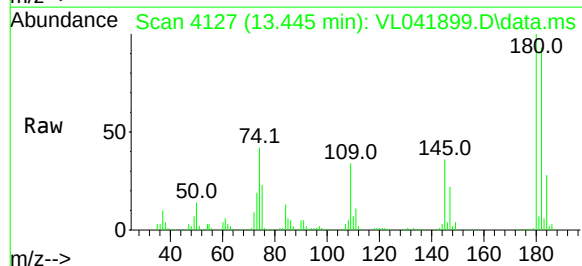
Tgt Ion:	142	Resp:	163059
Ion	Ratio	Lower	Upper
142	100		
141	83.1	68.1	102.1
115	40.5	31.7	47.5





#81
 1,2,4-Trichlorobenzene
 Concen: 8.867 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL041899.D
 Acq: 14 Jan 2025 19:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0114ABS01



Tgt Ion:180 Resp: 220953
 Ion Ratio Lower Upper
 180 100
 182 93.4 77.0 115.6
 184 30.1 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

