

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
 Data File : VL041956.D
 Acq On : 27 Jan 2025 17:13
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/30/2025
 Supervised By : Mahesh Dadoda 01/30/2025

Quant Time: Jan 28 02:40:09 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)

Internal Standards						
1) Bromochloromethane	2.797	49	143398	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	398917	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	348394	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 280681 10.229 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	206893	10.592	ppbv	96
3) Chlorodifluoromethane	1.479	51	216818	10.596	ppbv	99
4) Chloromethane	1.538	50	79937	10.882	ppbv	100
5) Vinyl Chloride	1.583	62	75978	10.211	ppbv	99
6) Bromomethane	1.674	94	36960	10.422	ppbv	99
7) Chloroethane	1.709	64	31969	11.043	ppbv	94
8) Dichlorotetrafluoroethane	1.557	85	178531	10.459	ppbv	98
9) Propene	1.489	41	82969	9.843	ppbv	97
10) Heptane	5.001	43	255198	11.327	ppbv	99
11) Trichlorofluoromethane	1.884	101	215008	10.582	ppbv	93
12) 1,1,2-Trichlorotrifluo...	2.146	101	169110	10.620	ppbv	100
13) Ethanol	1.729	45	4190	6.786	ppbv	90
14) Bromoethene	1.787	108	58751	10.077	ppbv	99
15) Acetone	1.842	43	166615	9.674	ppbv	99
16) 1,3-Butadiene	1.612	39	80226	10.378	ppbv	100
17) tert-Butyl alcohol	2.049	59	200066	9.438	ppbv	98
18) 1,1-Dichloroethene	2.039	96	73783	10.280	ppbv	98
19) Isopropyl Alcohol	1.894	45	93768	9.182	ppbv #	35
20) Methylene Chloride	2.068	84	62429	9.172	ppbv	95
21) Allyl Chloride	2.104	41	126673	10.621	ppbv	97
22) trans-1,2-Dichloroethene	2.350	96	82579	10.195	ppbv	96
23) Vinyl Acetate	2.473	43	63670	7.458	ppbv #	97
24) 1,1-Dichloroethane	2.418	63	165409	10.557	ppbv	99
25) Ethyl Acetate	2.848	43	510398	10.990	ppbv	100
26) Hexane	2.839	57	201675	10.979	ppbv	97
27) Carbon Disulfide	2.159	76	198206	10.904	ppbv	99
28) Methyl tert-Butyl Ether	2.450	73	109580	7.805	ppbv	99
29) Chloroform	2.861	83	318439	10.967	ppbv	99
30) Cyclohexane	3.874	84	166235	10.434	ppbv	98
31) cis-1,2-Dichloroethene	2.732	61	191314	9.891	ppbv	92
32) 1,1,1-Trichloroethane	3.383	97	294982	10.617	ppbv	99
34) 2-Butanone	2.567	43	285825	11.267	ppbv	98
35) Carbon Tetrachloride	3.777	117	303231	12.101	ppbv	100
36) Benzene	3.671	78	412317	11.269	ppbv	99
37) 1,2-Dichloroethane	3.230	62	233303	11.354	ppbv	100
38) Trichloroethene	4.570	130	165446	11.395	ppbv	97
39) 1,2-Dichloropropane	4.331	63	145676	11.351	ppbv	98
40) 1,4-Dioxane	4.609	88	68212m	10.524	ppbv	
41) Tetrahydrofuran	3.069	42	160697	11.655	ppbv	98
42) Bromodichloromethane	4.509	83	318106	11.546	ppbv	98
43) Methyl Methacrylate	4.904	69	148336	10.913	ppbv	98
44) 2,2,4-Trimethylpentane	4.661	57	700987	11.845	ppbv	99
45) t-1,3-Dichloropropene	6.444	75	136885	10.759	ppbv	98

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Quant Time: Jan 28 02:40:09 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

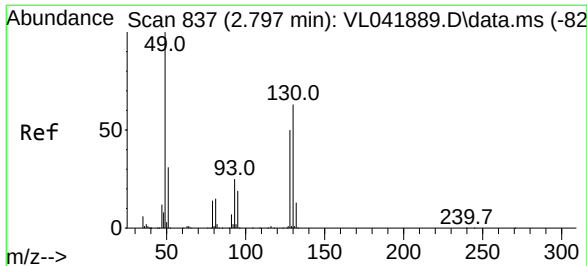
QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 01/30/2025
 Supervised By : Mahesh Dadoda 01/30/2025

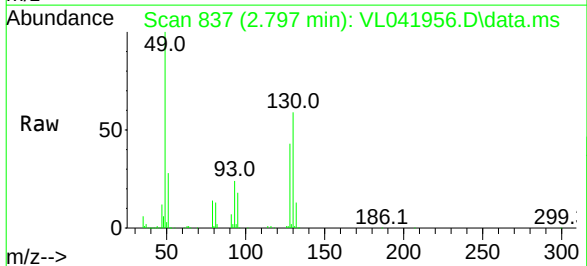
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.625	75	182770	10.942	ppbv	97
47) 1,1,2-Trichloroethane	6.606	97	164917	12.124	ppbv	97
48) Dibromochloromethane	7.406	129	248718	11.850	ppbv	99
49) Bromoform	9.500	173	207343	12.027	ppbv	99
50) 4-Methyl-2-Pentanone	5.781	43	410141	11.843	ppbv	98
51) 2-Hexanone	7.457	43	323889	12.171	ppbv #	98
52) Tetrachloroethene	8.244	164	135165	10.654	ppbv	94
53) Toluene	6.956	91	460000	11.542	ppbv	99
54) 1,2-Dibromoethane	7.674	107	218664	11.693	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.943	131	212542	12.228	ppbv	99
57) Chlorobenzene	8.937	112	384291	11.958	ppbv	98
58) Ethyl Benzene	9.370	91	654353	12.018	ppbv	100
59) m/p-Xylene	9.548	91	1106829m	25.361	ppbv	
60) o-Xylene	9.979	91	547340	12.635	ppbv	99
61) Styrene	9.885	104	242191	12.463	ppbv	98
62) Isopropylbenzene	10.552	105	813048	12.129	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.979	83	341408	12.334	ppbv	100
64) n-propylbenzene	11.002	120	213765	12.621	ppbv	98
65) tert-Butylbenzene	11.545	119	728163	11.920	ppbv	99
66) Benzyl Chloride	11.626	91	41547	10.989	ppbv	95
67) sec-Butylbenzene	11.782	105	1019309	12.118	ppbv	99
69) p-Isopropyltoluene	11.937	119	835184	12.058	ppbv	99
70) n-Butylbenzene	12.293	91	822400	11.972	ppbv	99
71) 2-Chlorotoluene	10.914	91	600058	12.102	ppbv	100
72) 4-Ethyltoluene	11.137	105	665814	12.850	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	562594	12.295	ppbv	99
74) 1,2,4-Trimethylbenzene	11.549	105	612367	12.357	ppbv	98
75) 1,3-Dichlorobenzene	11.620	146	356384	12.136	ppbv	99
76) 1,4-Dichlorobenzene	11.685	146	350837	12.212	ppbv	99
77) 1,2-Dichlorobenzene	11.960	146	345263	11.864	ppbv	99
78) Hexachloro-1,3-Butadiene	13.895	225	215693	9.030	ppbv	100
79) Naphthalene	13.526	128	502785	10.077	ppbv	99
80) Naphthalene,2-methyl-	14.471	142	184341	7.793	ppbv	100
81) 1,2,4-Trichlorobenzene	13.452	180	218618	8.977	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 837
Delta R.T. -0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

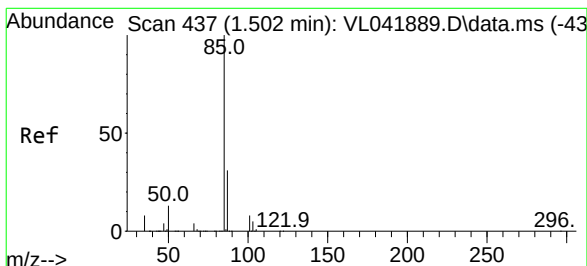
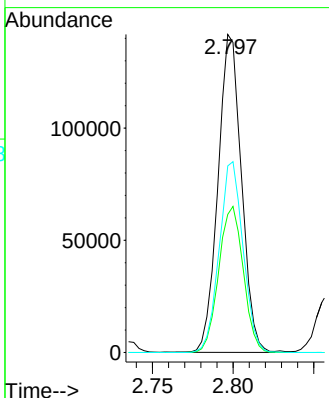
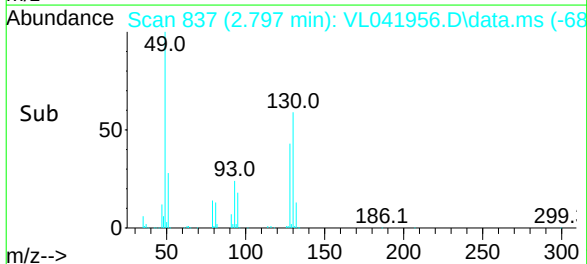
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



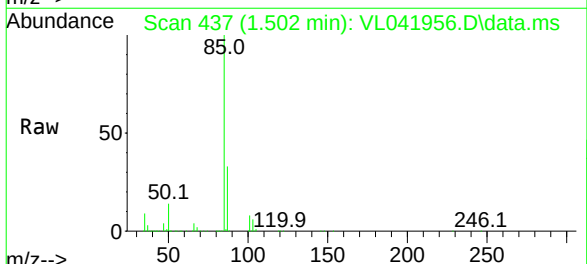
Tgt Ion: 49 Resp: 143398
Ion Ratio Lower Upper
49 100
128 48.0 24.3 73.0
130 61.0 31.1 93.2

Manual Integrations
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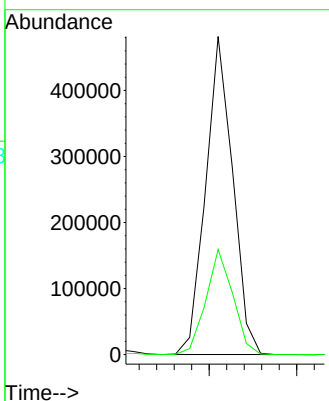
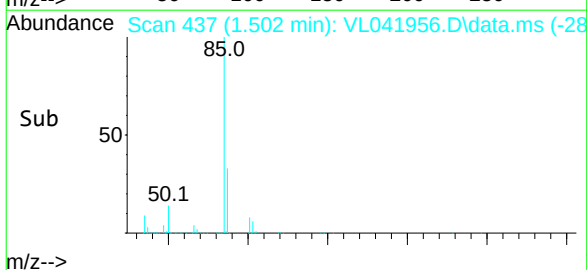
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

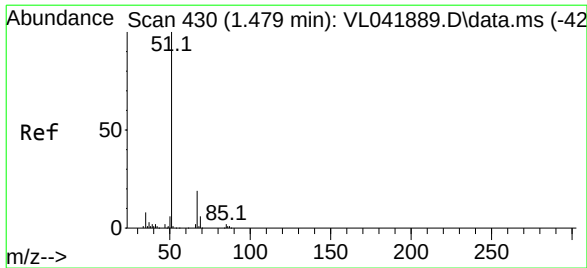


#2
Dichlorodifluoromethane
Concen: 10.592 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13



Tgt Ion: 85 Resp: 206893
Ion Ratio Lower Upper
85 100
87 33.0 24.9 37.3





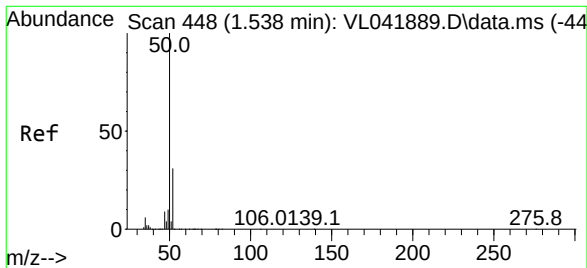
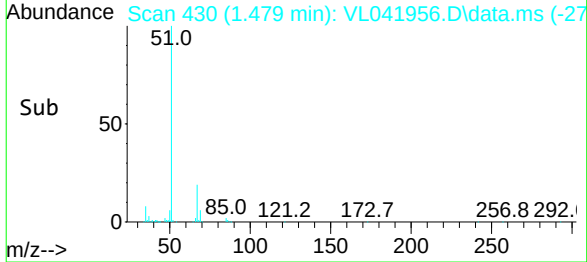
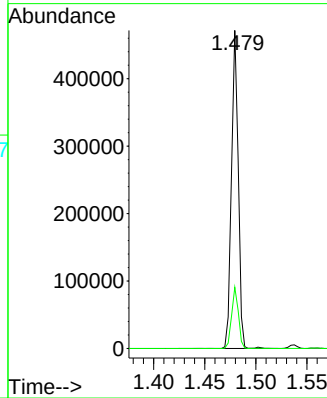
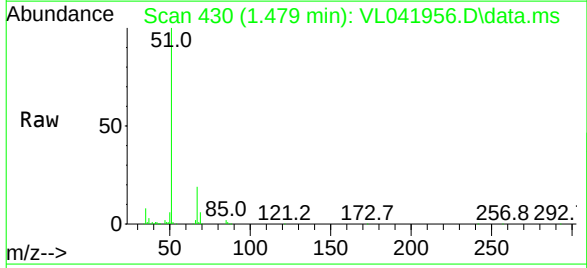
#3
Chlorodifluoromethane
Concen: 10.596 ppbv
RT: 1.479 min Scan# 430
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 216818
Ion Ratio Lower Upper
51 100
67 19.4 15.0 22.4

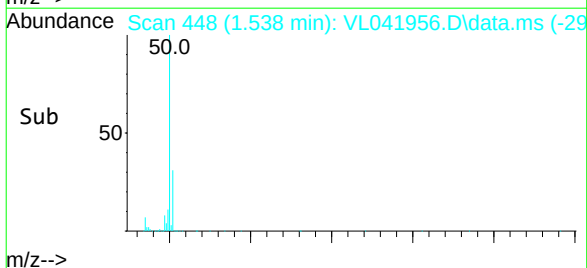
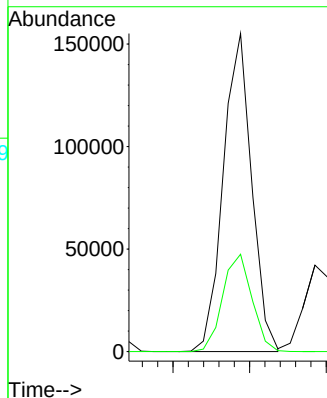
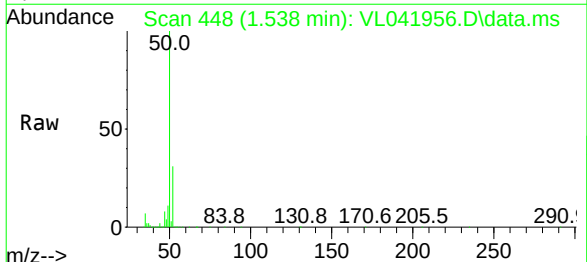
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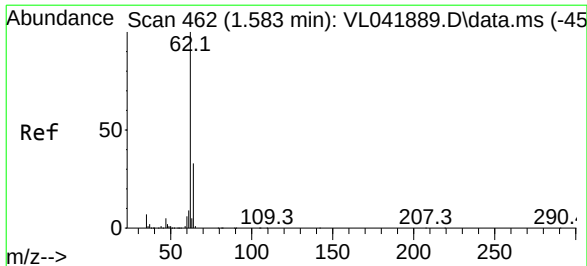
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#4
Chloromethane
Concen: 10.882 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

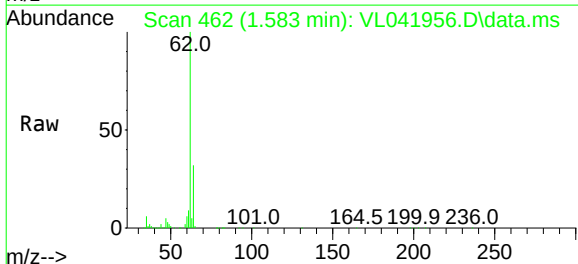
Tgt Ion: 50 Resp: 79937
Ion Ratio Lower Upper
50 100
52 30.6 24.6 36.8





#5
 Vinyl Chloride
 Concen: 10.211 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

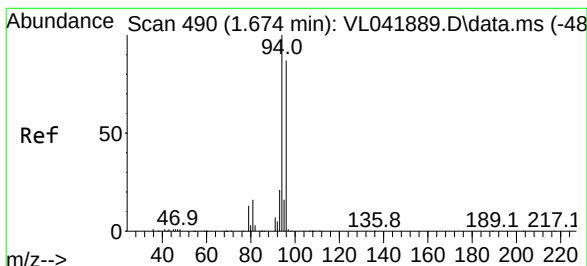
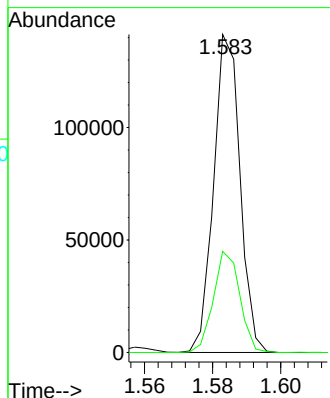
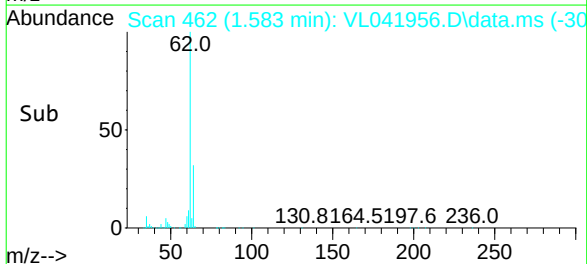
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 75978
 Ion Ratio Lower Upper
 62 100
 64 31.8 26.1 39.1

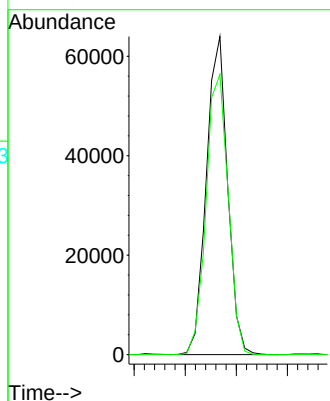
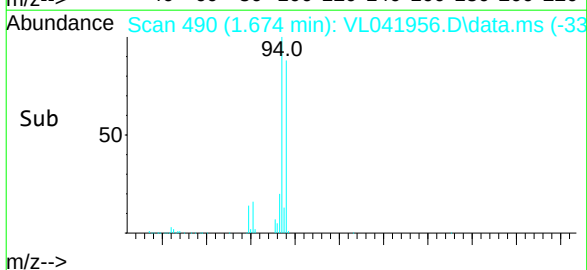
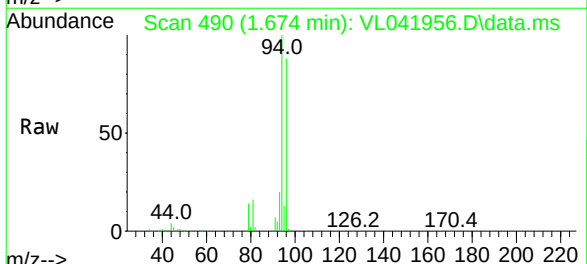
Manual Integrations
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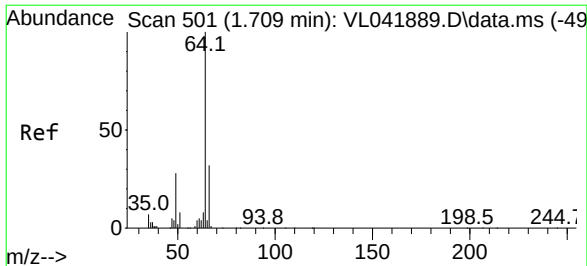
Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#6
 Bromomethane
 Concen: 10.422 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Tgt Ion: 94 Resp: 36960
 Ion Ratio Lower Upper
 94 100
 96 88.1 69.5 104.3





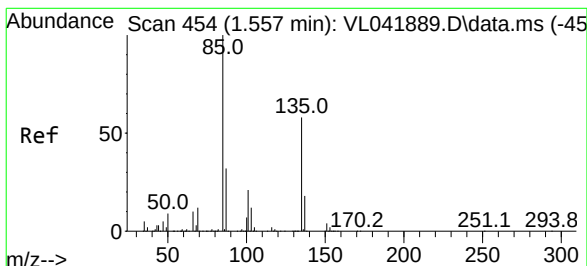
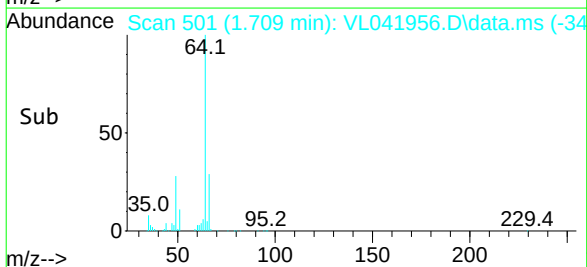
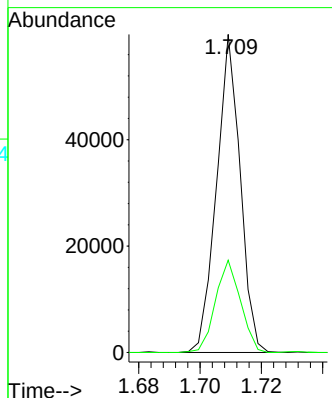
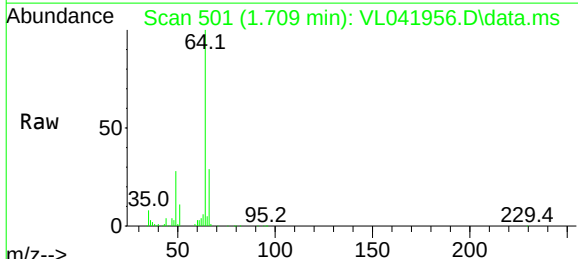
#7
Chloroethane
Concen: 11.043 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 31969
Ion Ratio Lower Upper
64 100
66 29.0 25.7 38.5

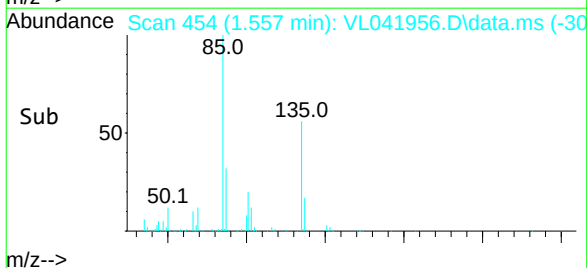
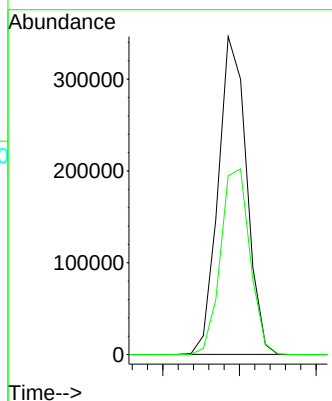
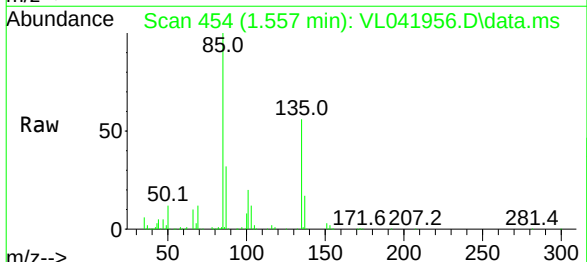
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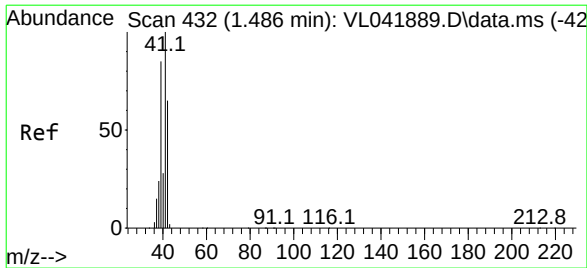
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#8
Dichlorotetrafluoroethane
Concen: 10.459 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

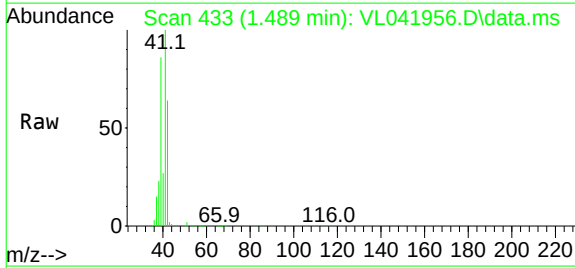
Tgt Ion: 85 Resp: 178531
Ion Ratio Lower Upper
85 100
135 60.6 50.0 75.0





#9
 Propene
 Concen: 9.843 ppbv
 RT: 1.489 min Scan# 432
 Delta R.T. 0.003 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

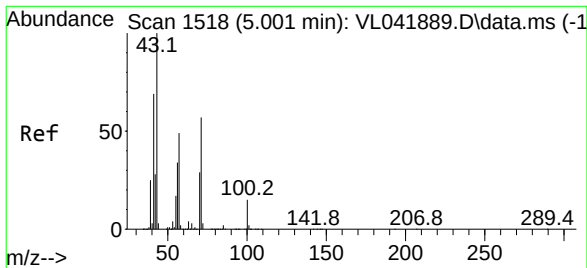
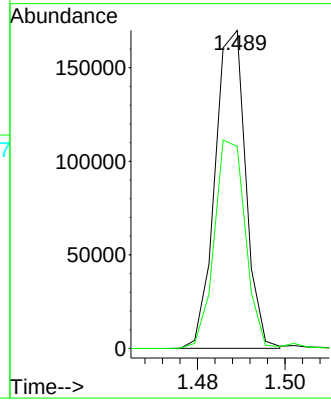
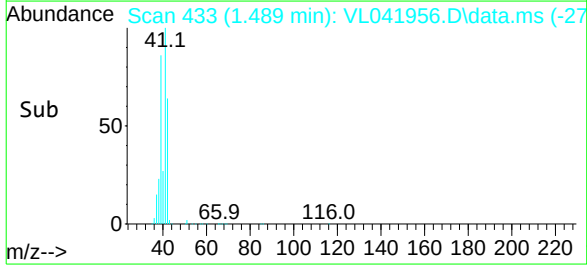
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 82969
 Ion Ratio Lower Upper
 41 100
 42 67.6 52.0 78.0

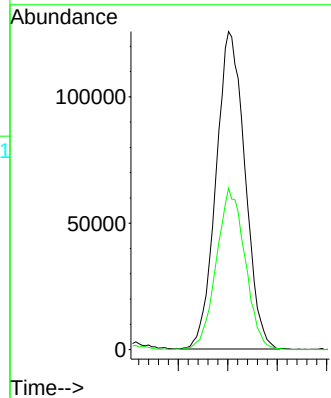
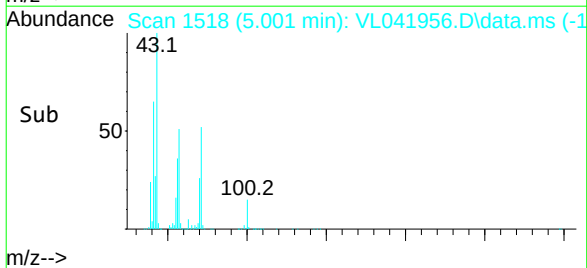
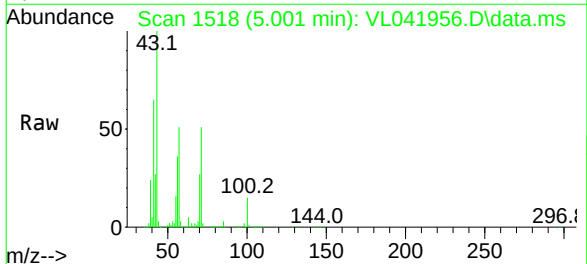
Manual Integrations
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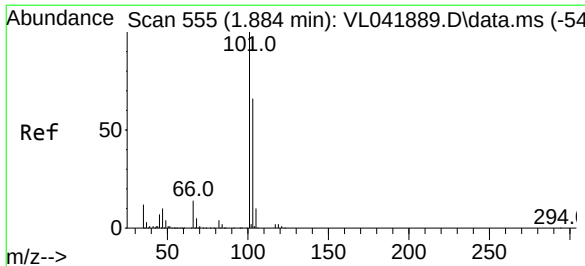
Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#10
 Heptane
 Concen: 11.327 ppbv
 RT: 5.001 min Scan# 1518
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Tgt Ion: 43 Resp: 255198
 Ion Ratio Lower Upper
 43 100
 57 50.4 41.0 61.4





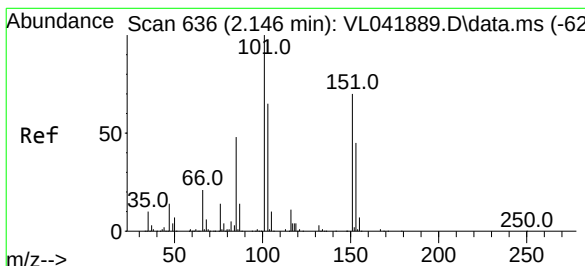
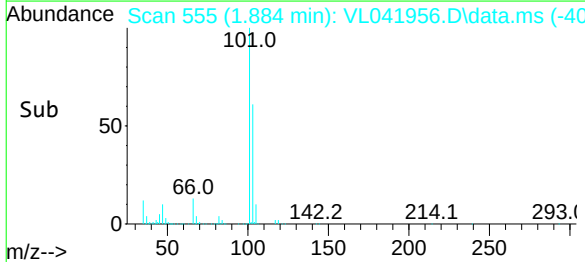
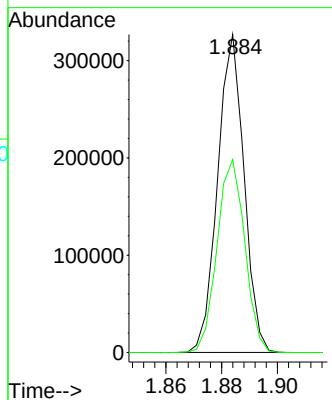
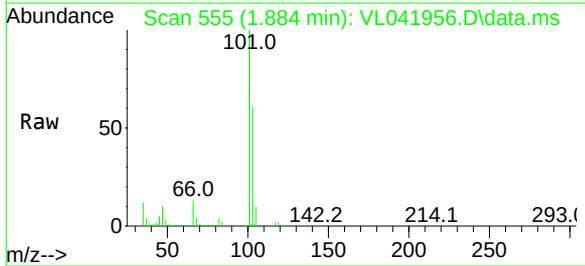
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Trichlorofluoromethane
Concen: 10.582 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 215008
Ion Ratio Lower Upper
101 100
103 60.6 53.1 79.7

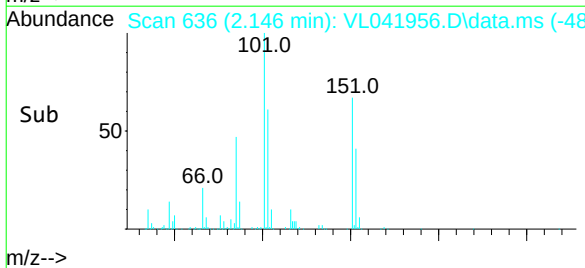
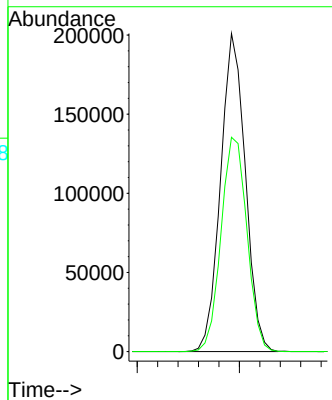
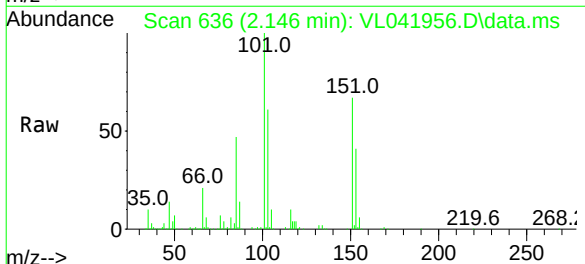
Manual Integrations
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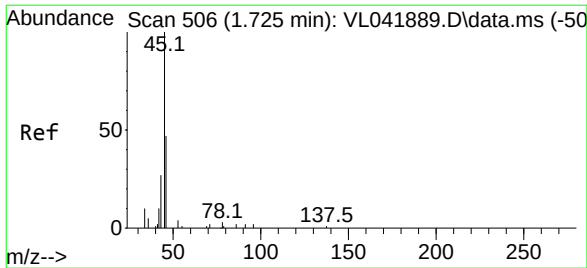
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.620 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:101 Resp: 169110
Ion Ratio Lower Upper
101 100
151 70.4 56.1 84.1





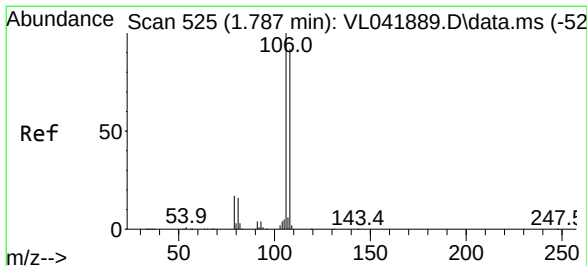
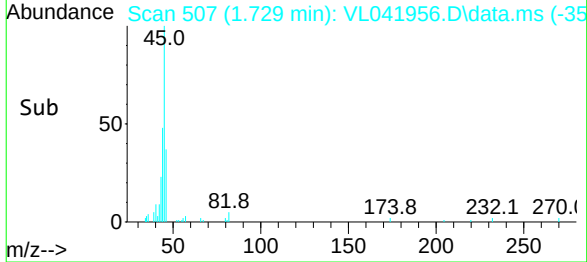
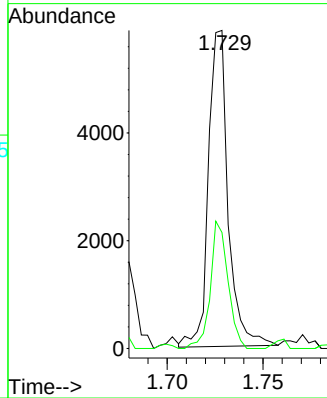
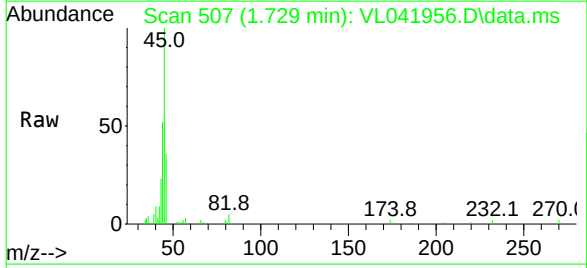
#13
Ethanol
Concen: 6.786 ppbv
RT: 1.729 min Scan# 506
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 4196
Ion Ratio Lower Upper
45 100
46 38.6 18.1 72.5

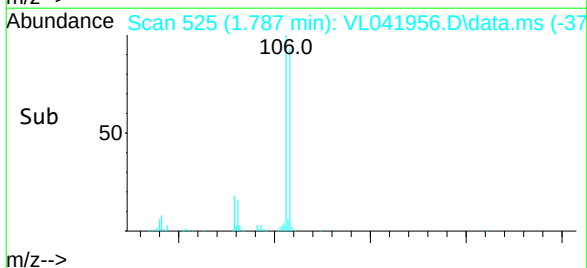
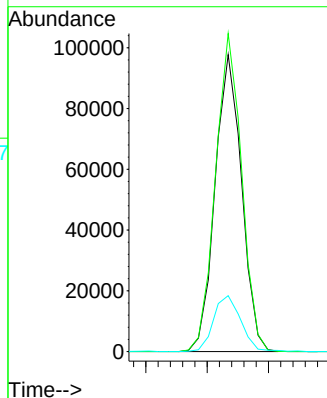
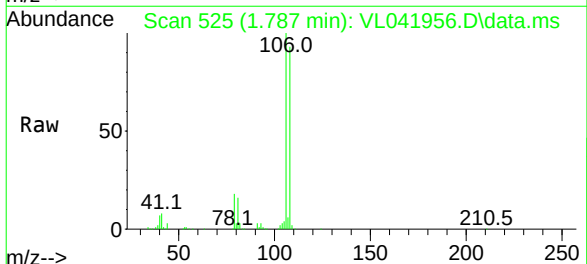
Manual Integrations
APPROVED

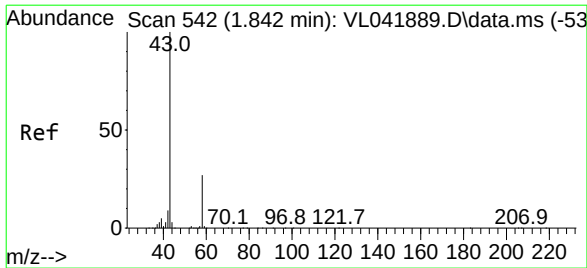
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#14
Bromoethene
Concen: 10.077 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

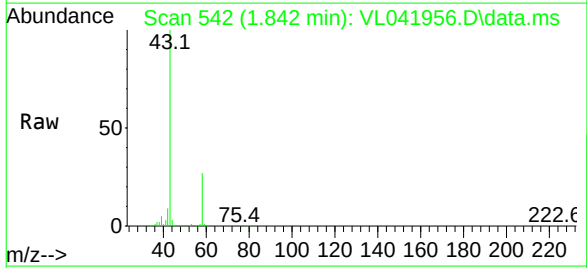
Tgt Ion:108 Resp: 58751
Ion Ratio Lower Upper
108 100
106 105.6 85.5 128.3
79 19.7 15.3 22.9





#15
Acetone
Concen: 9.674 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

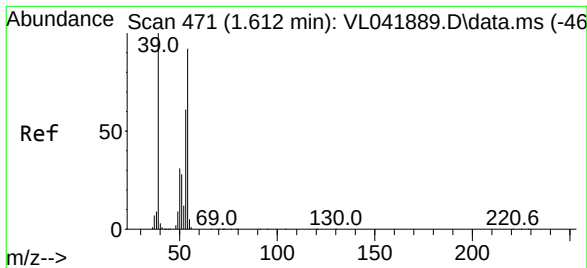
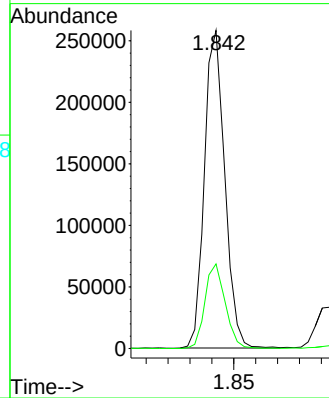
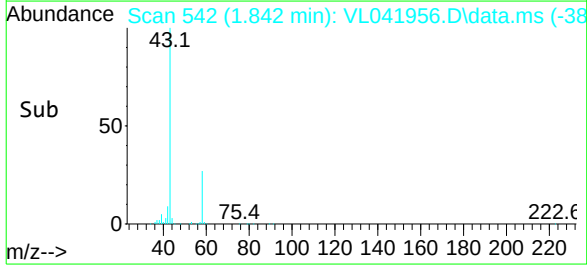
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 166615
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9

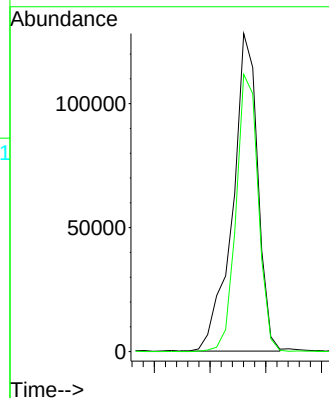
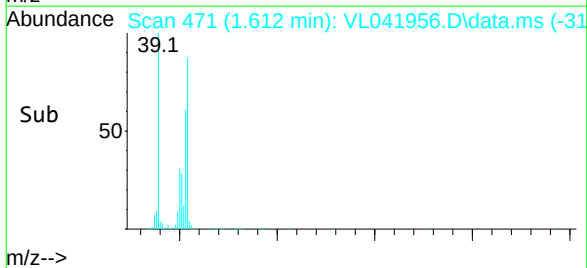
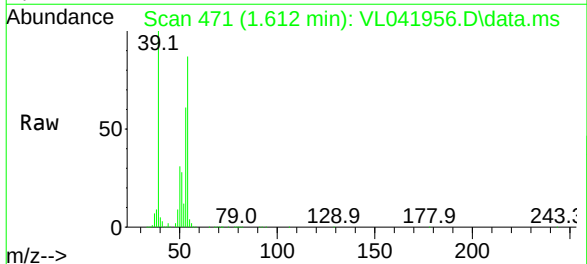
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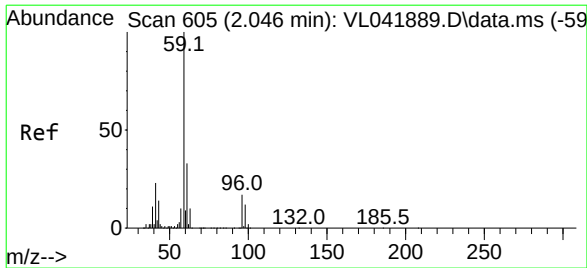
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#16
1,3-Butadiene
Concen: 10.378 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 39 Resp: 80226
Ion Ratio Lower Upper
39 100
54 77.2 61.6 92.4





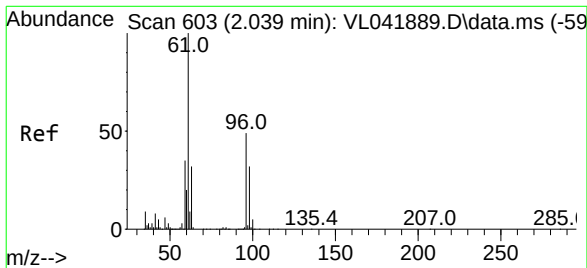
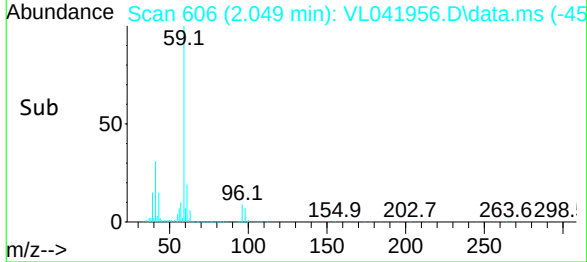
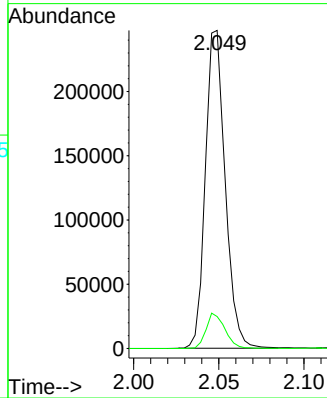
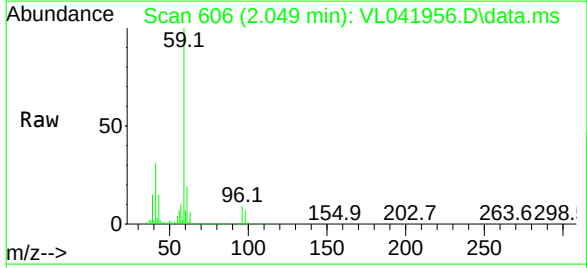
#17
tert-Butyl alcohol
Concen: 9.438 ppbv
RT: 2.049 min Scan# 605
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 200066
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.8

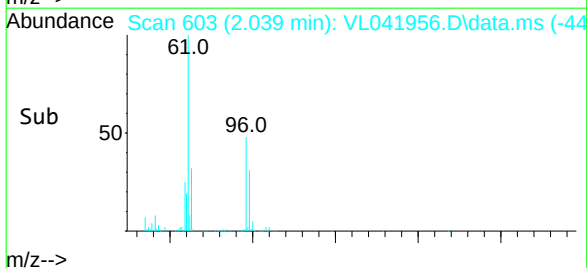
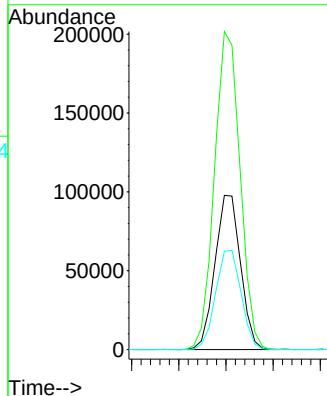
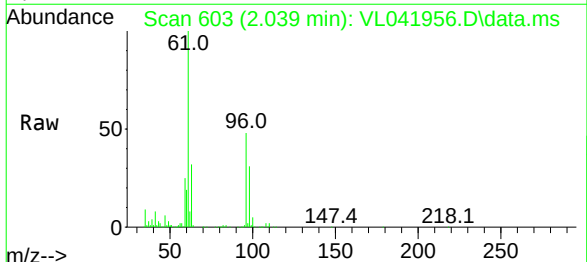
Manual Integrations
APPROVED

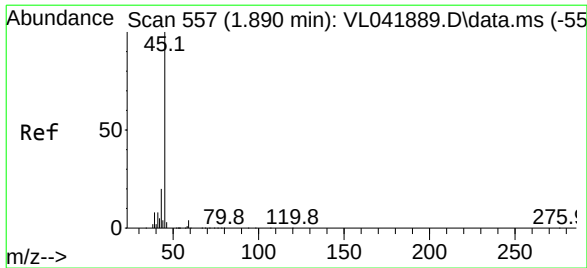
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#18
1,1-Dichloroethene
Concen: 10.280 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 96 Resp: 73783
Ion Ratio Lower Upper
96 100
61 206.2 163.1 244.7
98 63.7 52.7 79.1





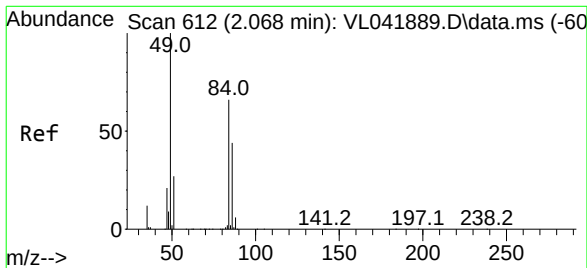
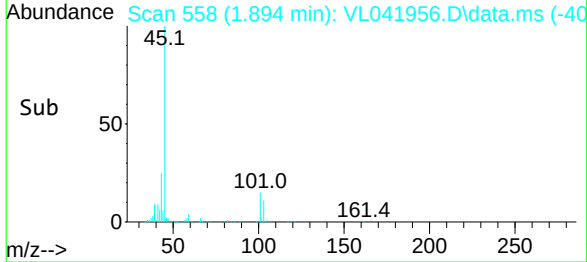
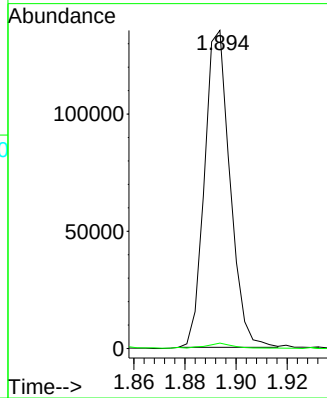
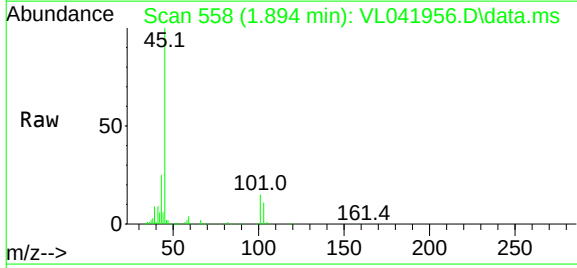
#19
Isopropyl Alcohol
Concen: 9.182 ppbv
RT: 1.894 min Scan# 557
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 93768
Ion Ratio Lower Upper
45 100
58 2.1 35.0 52.6

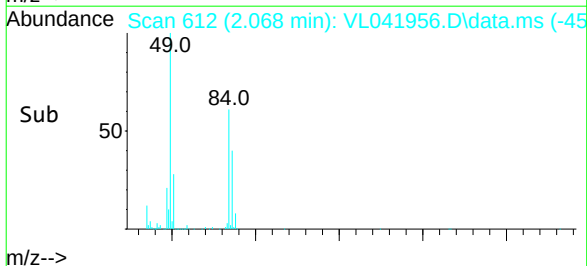
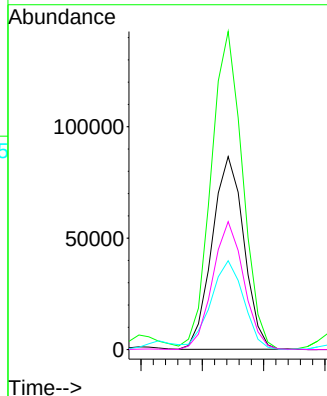
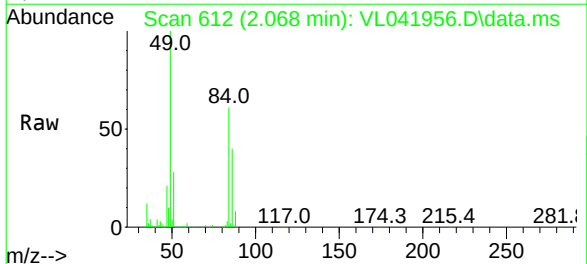
Manual Integrations
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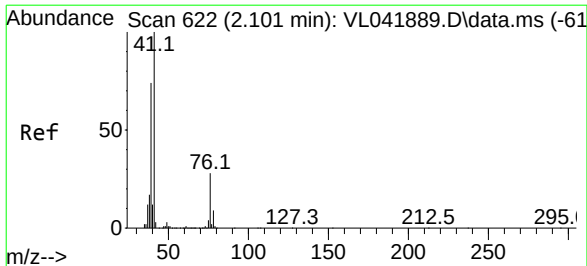
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#20
Methylene Chloride
Concen: 9.172 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 84 Resp: 62429
Ion Ratio Lower Upper
84 100
49 164.6 123.1 184.7
51 45.8 35.8 53.8
86 66.3 53.7 80.5





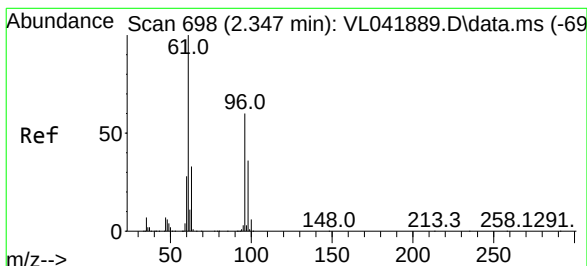
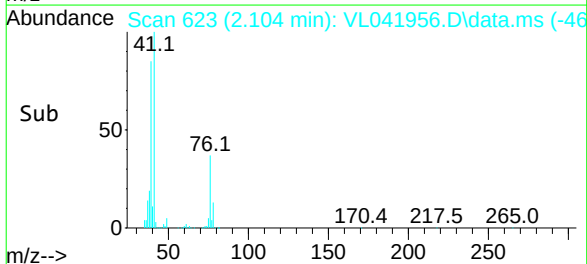
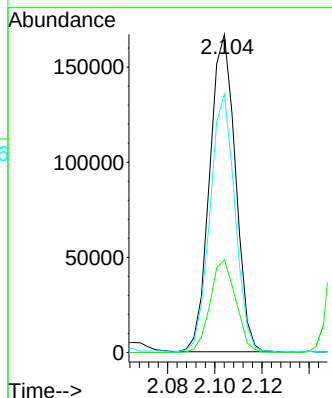
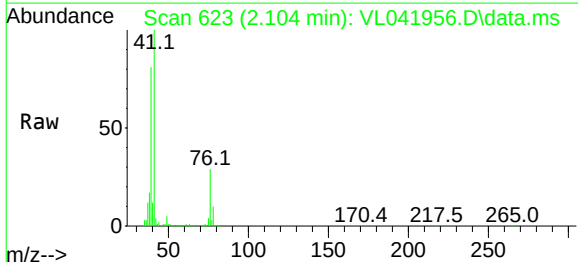
#21
 Allyl Chloride
 Concen: 10.621 ppbv
 RT: 2.104 min Scan# 621
 Delta R.T. 0.003 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:	41	Resp:	126673
Ion	Ratio	Lower	Upper
41	100		
76	29.0	24.2	36.4
39	78.9	60.6	91.0

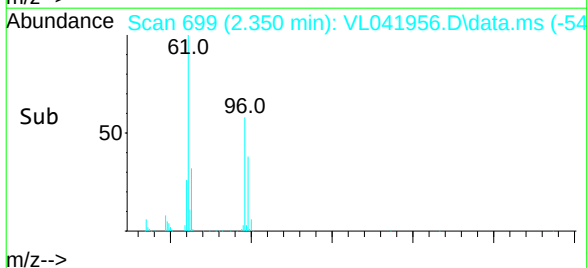
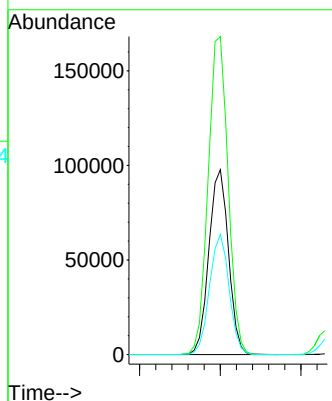
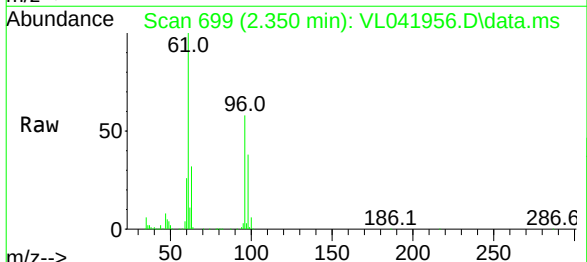
Manual Integrations
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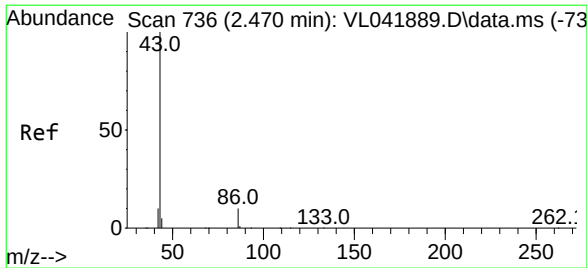
Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#22
 trans-1,2-Dichloroethene
 Concen: 10.195 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.003 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Tgt Ion:	96	Resp:	82579
Ion	Ratio	Lower	Upper
96	100		
61	172.0	134.5	201.7
98	65.1	48.9	73.3





#23
 Vinyl Acetate
 Concen: 7.458 ppbv
 RT: 2.473 min Scan# 736
 Delta R.T. 0.003 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

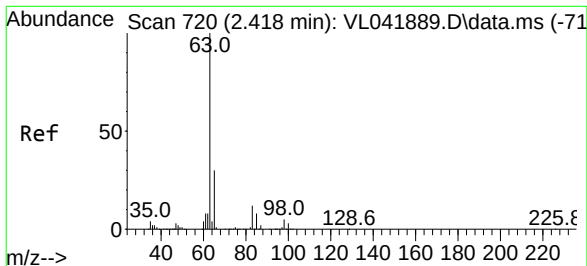
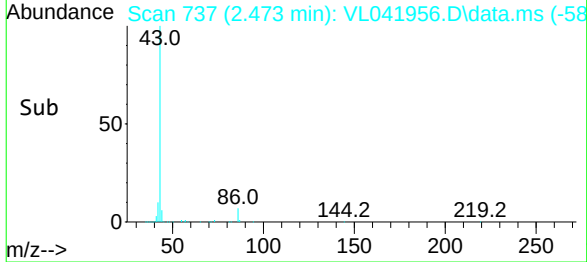
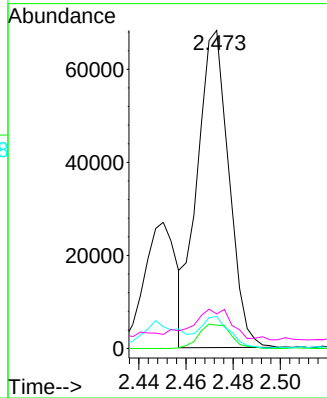
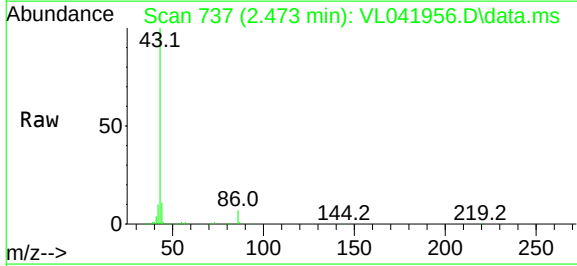
VSTDCCC010EC

Tgt Ion: 43	Resp: 63670
Ion Ratio	Lower Upper
43 100	
86 7.4	6.2 9.4
42 9.3	8.5 12.7
44 8.0	4.8 7.2

Manual Integrations

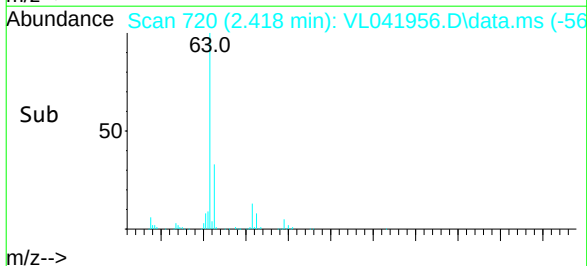
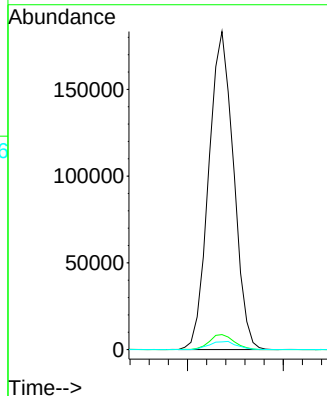
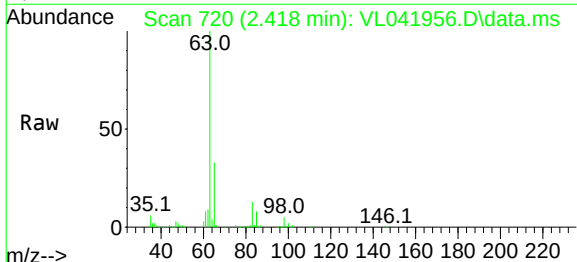
APPROVED

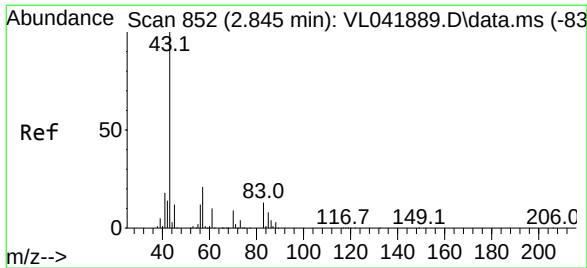
Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#24
 1,1-Dichloroethane
 Concen: 10.557 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

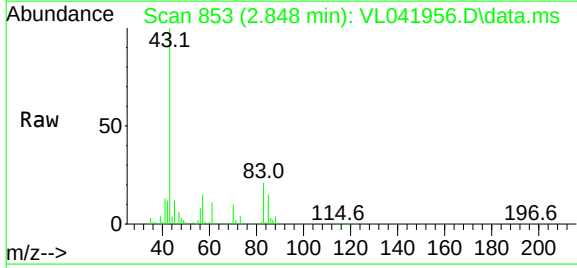
Tgt Ion: 63	Resp: 165409
Ion Ratio	Lower Upper
63 100	
98 4.7	2.6 7.8
100 2.4	1.4 4.2





#25
Ethyl Acetate
Concen: 10.990 ppbv
RT: 2.848 min Scan# 85
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

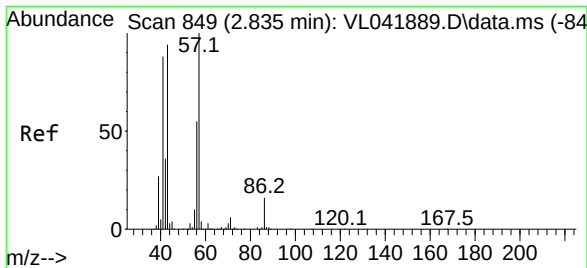
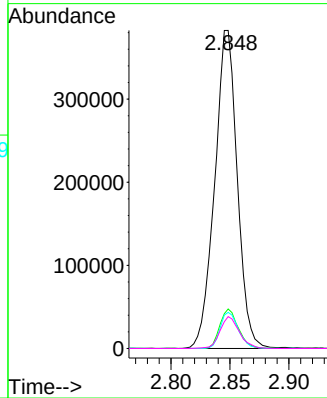
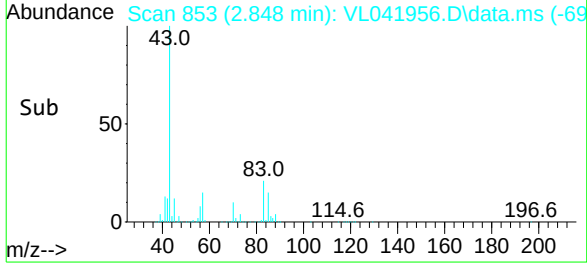
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



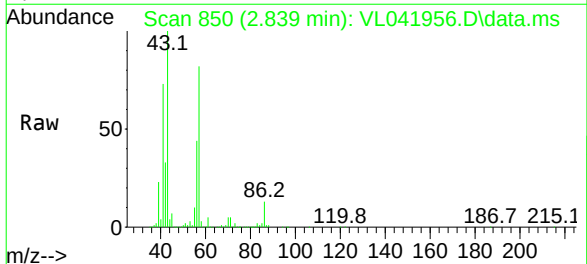
Tgt Ion: 43 Resp: 510398
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.2
61 9.2 7.4 11.0
70 8.6 7.0 10.4

Manual Integrations
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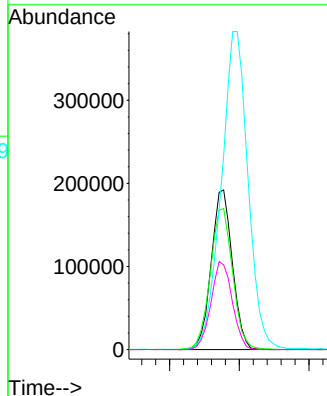
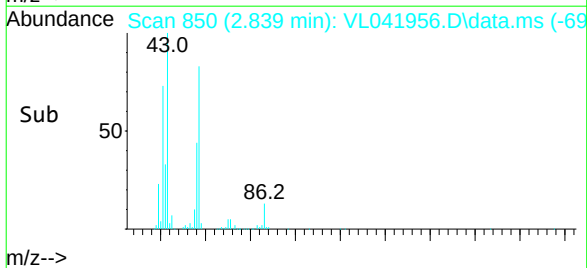
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

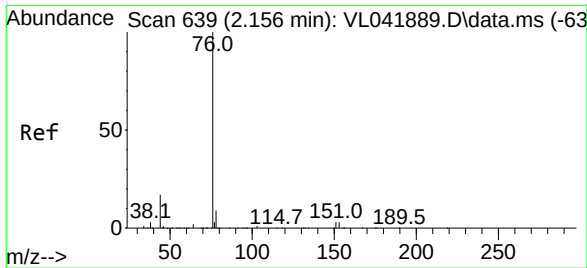


#26
Hexane
Concen: 10.979 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13



Tgt Ion: 57 Resp: 201675
Ion Ratio Lower Upper
57 100
41 93.9 73.8 110.8
43 253.9 197.3 295.9
56 55.6 42.7 64.1





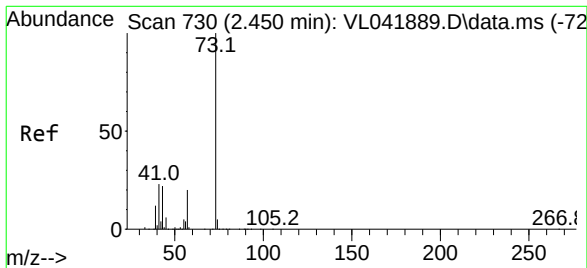
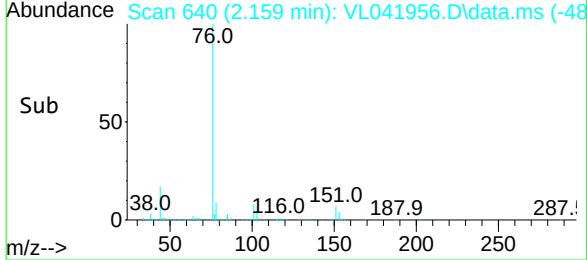
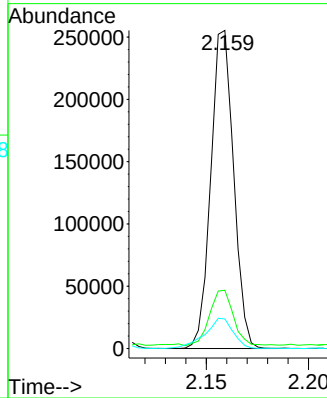
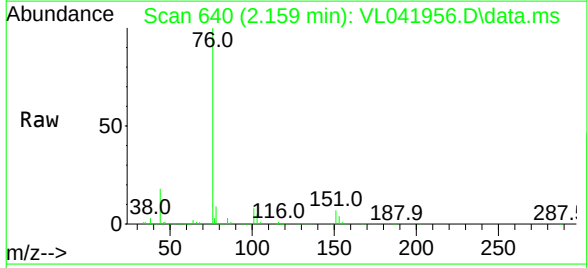
#27
Carbon Disulfide
Concen: 10.904 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 198206
Ion Ratio Lower Upper
76 100
44 19.8 15.4 23.0
78 11.8 9.3 13.9

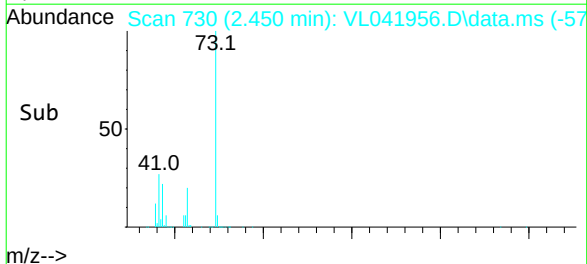
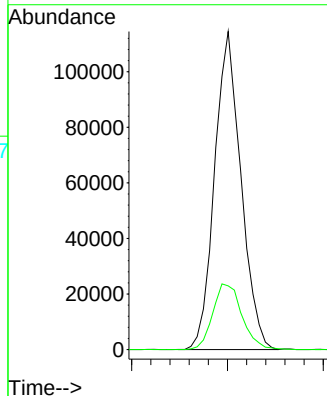
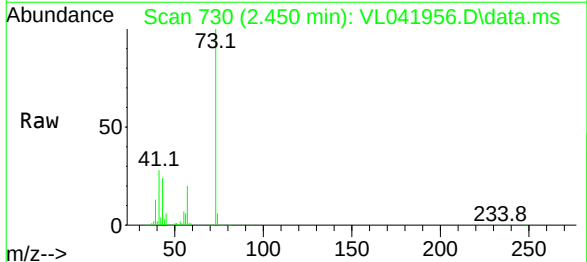
Manual Integrations
APPROVED

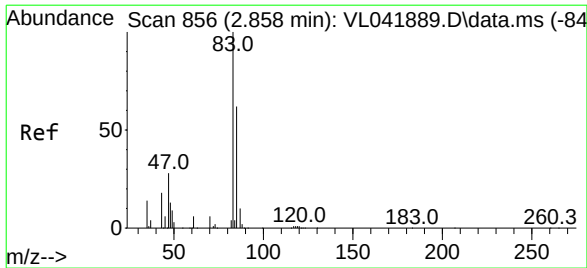
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#28
Methyl tert-Butyl Ether
Concen: 7.805 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 73 Resp: 109580
Ion Ratio Lower Upper
73 100
57 22.8 18.1 27.1





#29

Chloroform

Concen: 10.967 ppbv

RT: 2.861 min Scan# 85

Delta R.T. 0.003 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 318439

Ion Ratio Lower Upper

83 100

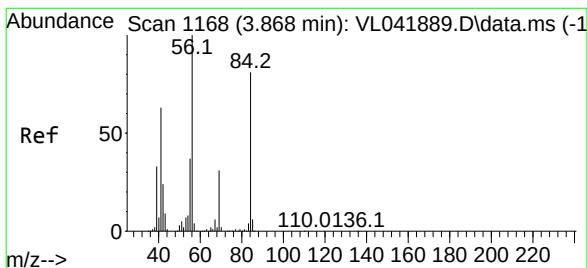
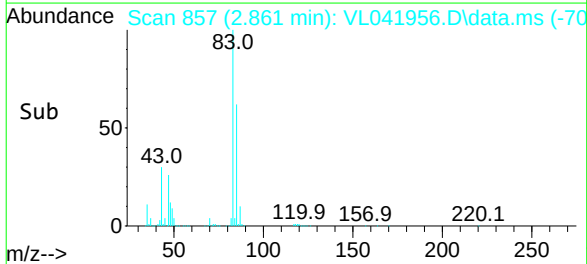
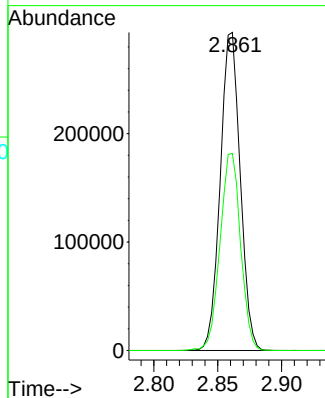
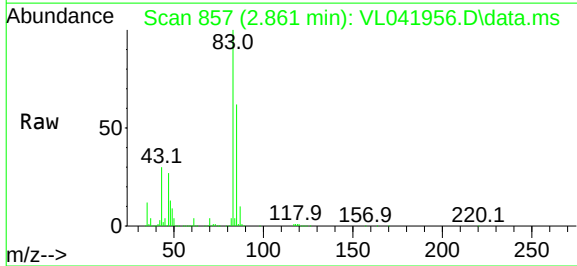
85 62.0 50.1 75.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#30

Cyclohexane

Concen: 10.434 ppbv

RT: 3.874 min Scan# 1170

Delta R.T. 0.007 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

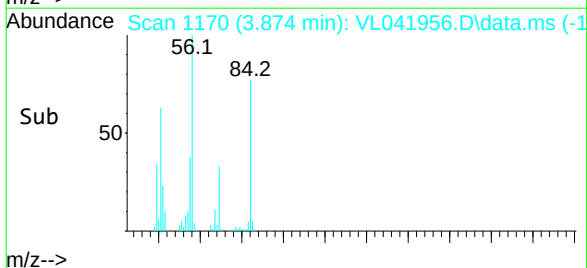
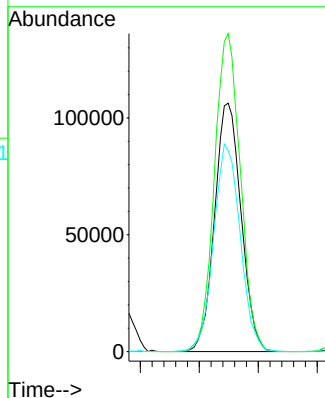
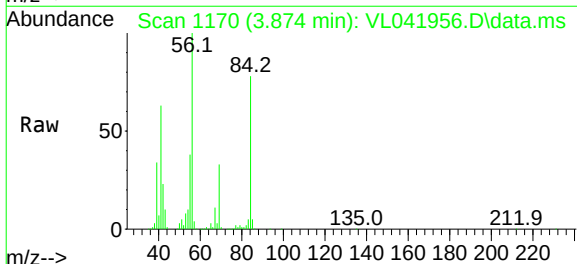
Tgt Ion: 84 Resp: 166235

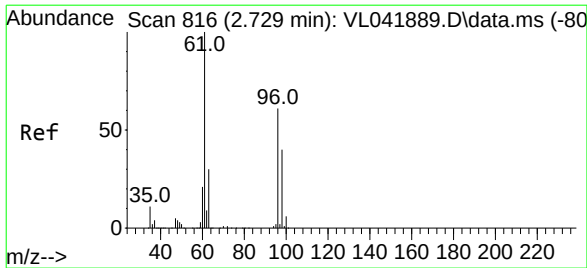
Ion Ratio Lower Upper

84 100

56 125.2 99.3 148.9

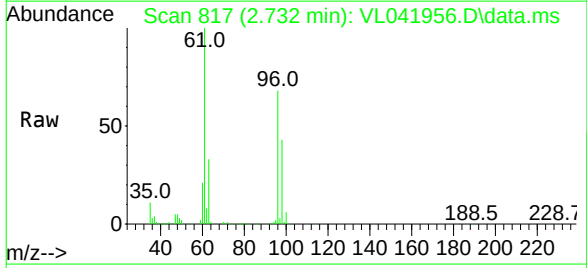
41 83.7 64.3 96.5





#31
cis-1,2-Dichloroethene
Concen: 9.891 ppbv
RT: 2.732 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

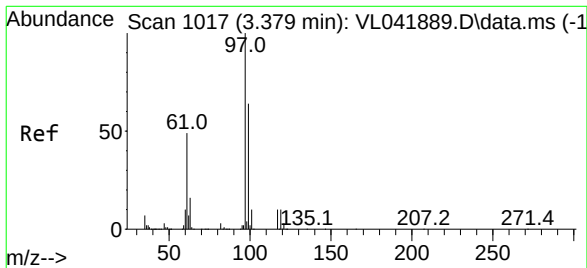
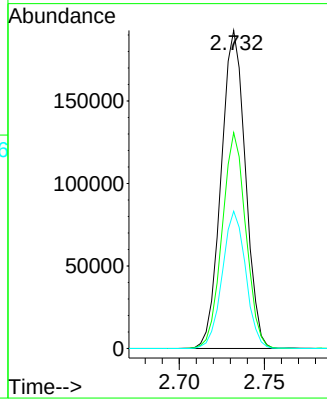
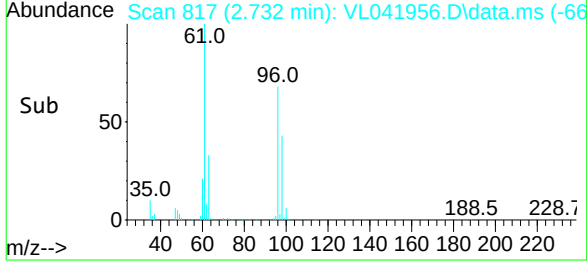
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 61 Resp: 191314
Ion Ratio Lower Upper
61 100
96 67.8 48.7 73.1
98 43.1 31.6 47.4

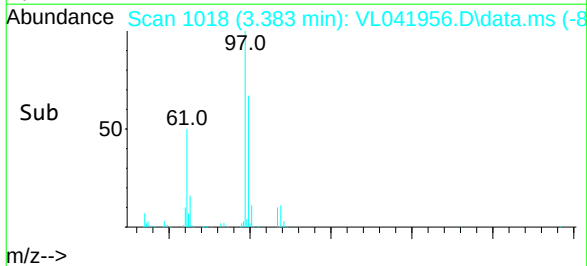
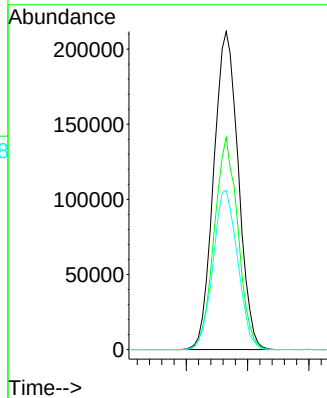
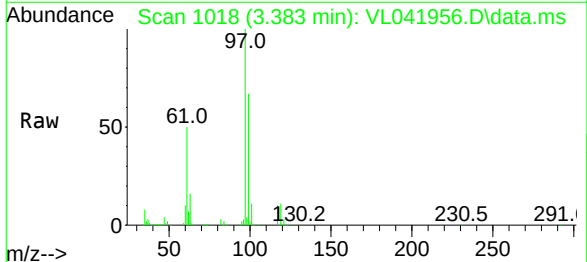
Manual Integrations
APPROVED

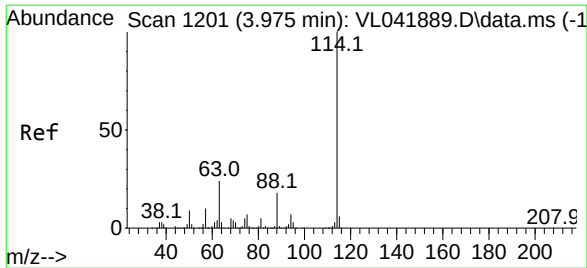
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#32
1,1,1-Trichloroethane
Concen: 10.617 ppbv
RT: 3.383 min Scan# 1018
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

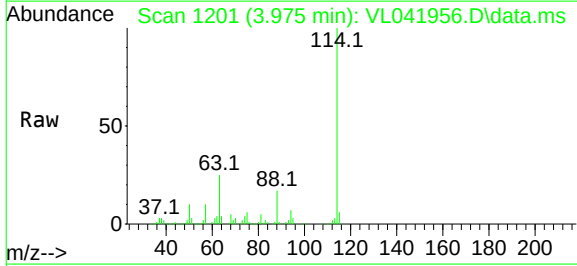
Tgt Ion: 97 Resp: 294982
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 50.2 39.0 58.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

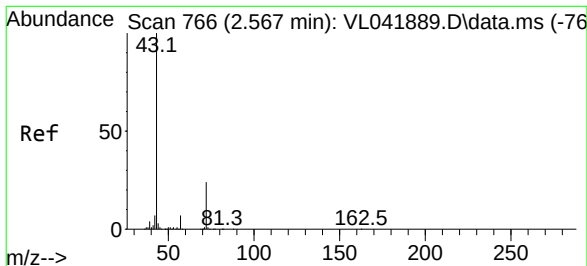
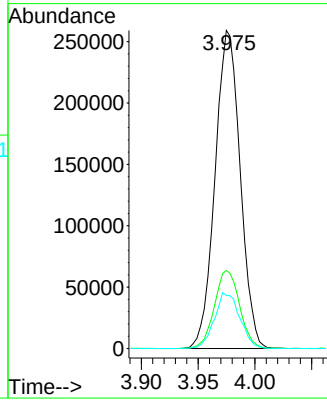
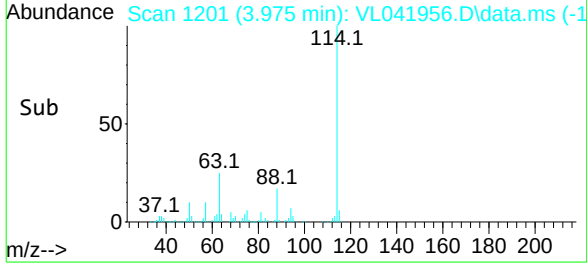
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 114 Resp: 398917
Ion Ratio Lower Upper
114 100
63 24.6 19.8 29.6
88 17.6 14.4 21.6

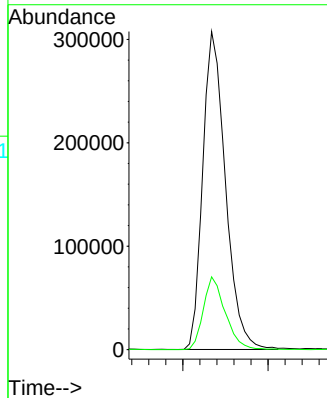
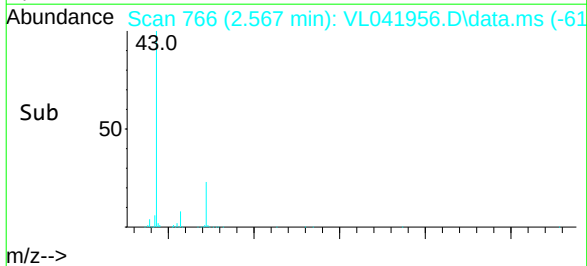
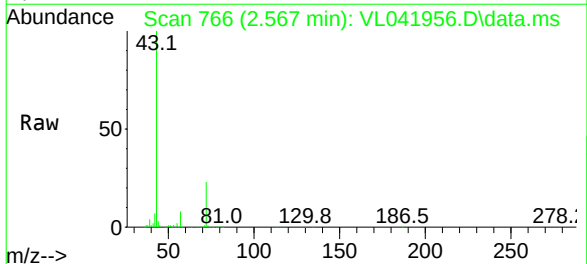
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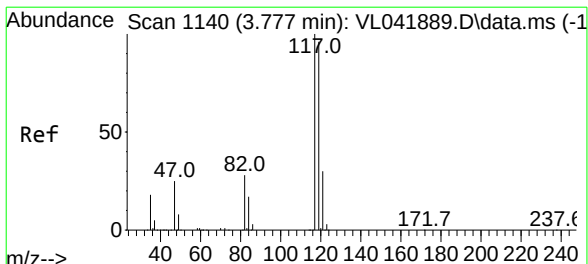
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#34
2-Butanone
Concen: 11.267 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

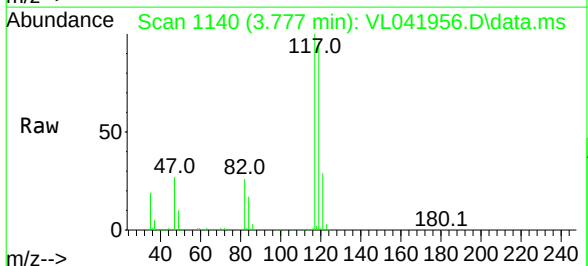
Tgt Ion: 43 Resp: 285825
Ion Ratio Lower Upper
43 100
72 22.2 18.6 28.0





#35
Carbon Tetrachloride
Concen: 12.101 ppbv
RT: 3.777 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

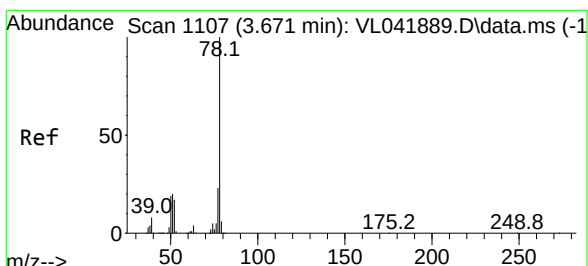
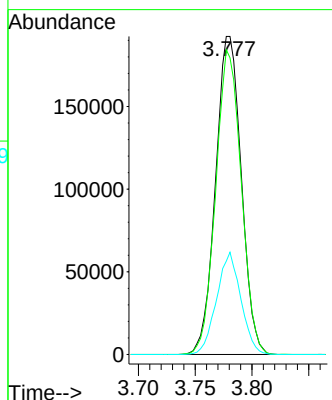
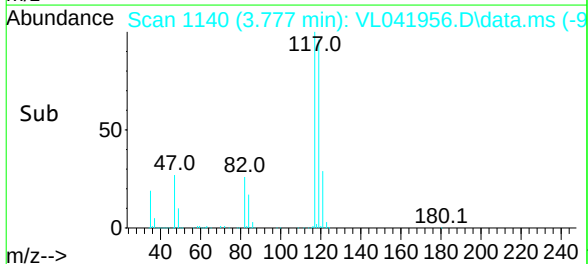


Tgt Ion: 117 Resp: 303231

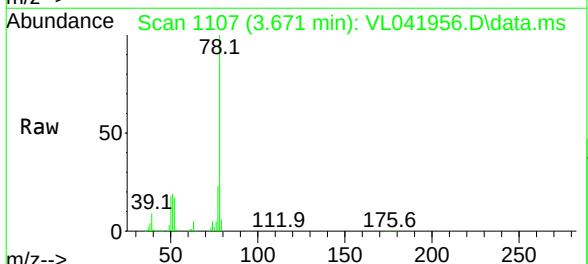
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
121	29.3	23.8	35.6

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Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

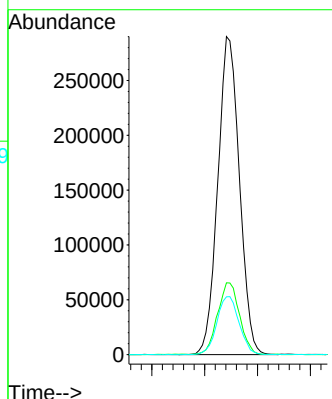
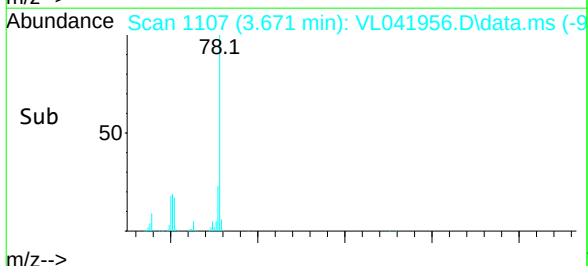


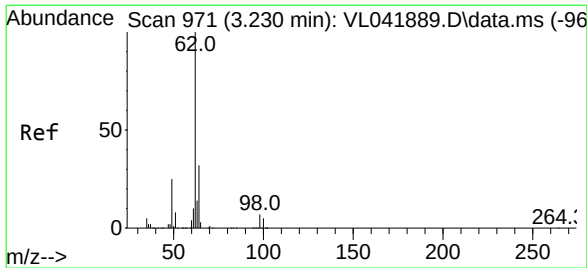
#36
Benzene
Concen: 11.269 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13



Tgt Ion: 78 Resp: 412317

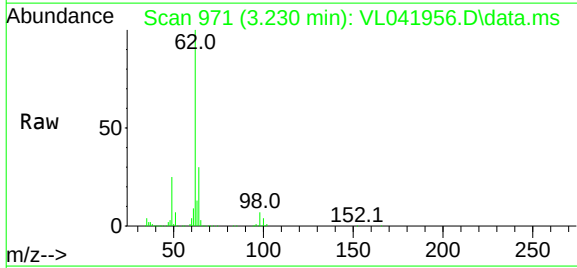
Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.1	27.1
50	18.2	15.2	22.8





#37
1,2-Dichloroethane
Concen: 11.354 ppbv
RT: 3.230 min Scan# 971
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

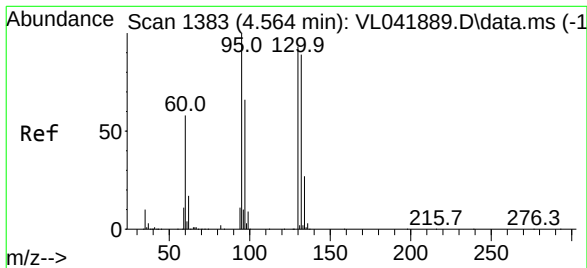
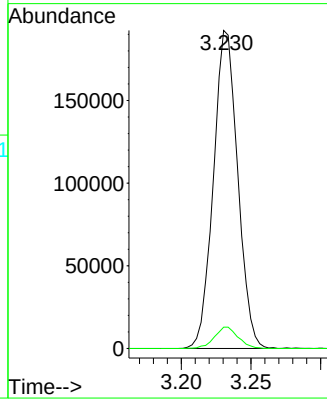
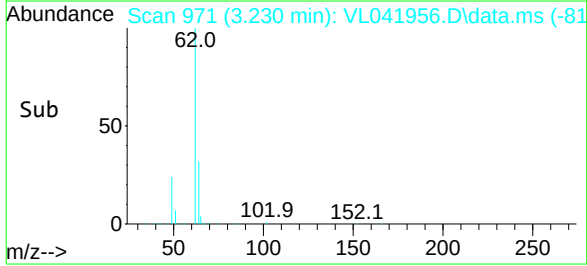
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 233303
Ion Ratio Lower Upper
62 100
98 6.6 5.4 8.0

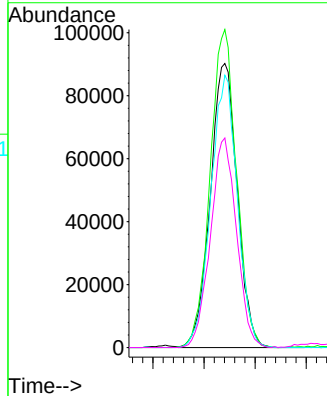
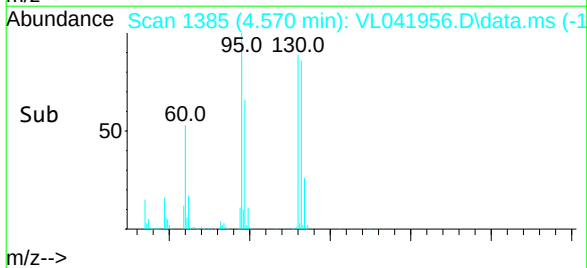
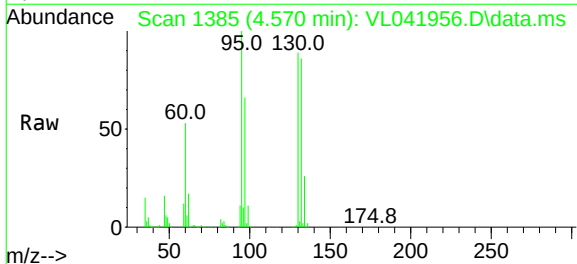
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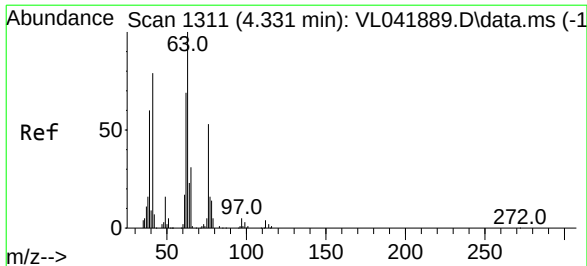
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#38
Trichloroethene
Concen: 11.395 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. 0.007 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:130 Resp: 165446
Ion Ratio Lower Upper
130 100
95 112.0 85.8 128.8
132 95.8 76.5 114.7
97 73.8 56.8 85.2





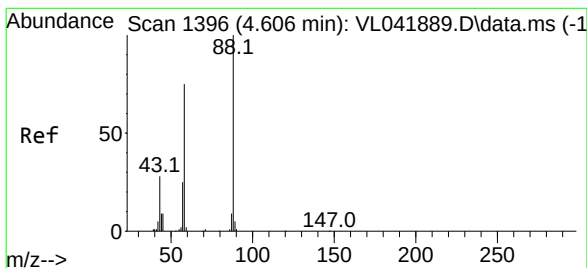
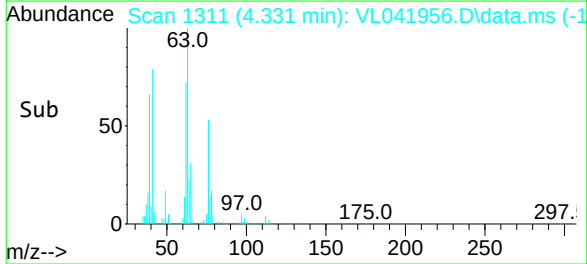
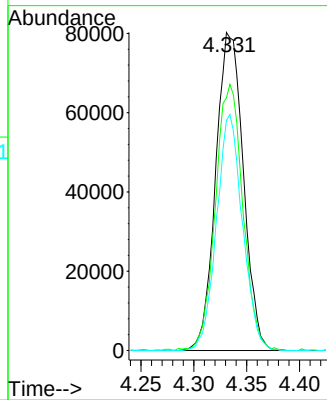
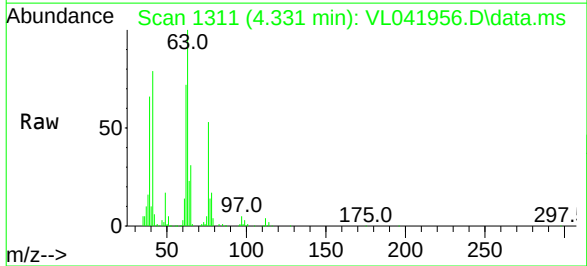
#39
1,2-Dichloropropane
Concen: 11.351 ppbv
RT: 4.331 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 145676
Ion Ratio Lower Upper
63 100
41 79.1 63.7 95.5
62 72.4 55.4 83.2

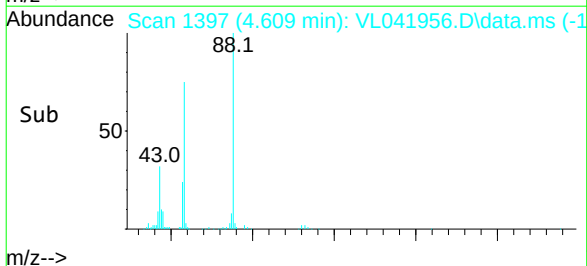
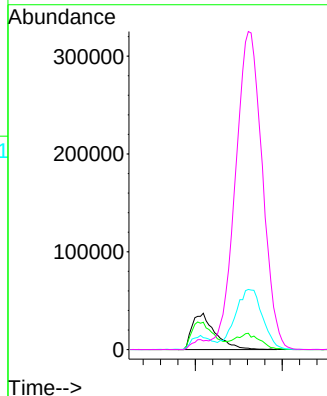
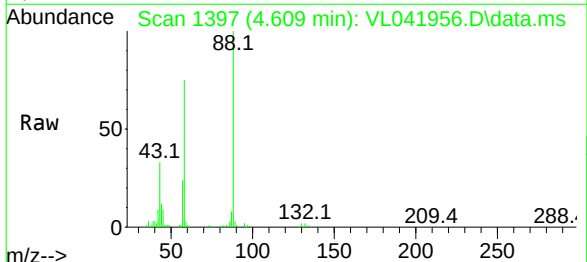
Manual Integrations
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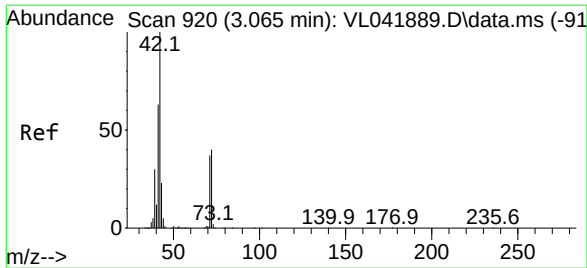
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#40
1,4-Dioxane
Concen: 10.524 ppbv m
RT: 4.609 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 88 Resp: 68212
Ion Ratio Lower Upper
88 100
58 70.8 62.1 93.1
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 11.655 ppbv

RT: 3.069 min Scan# 92

Delta R.T. 0.003 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

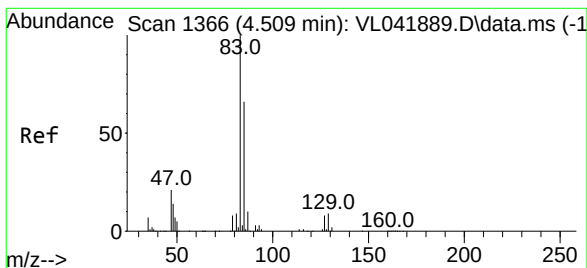
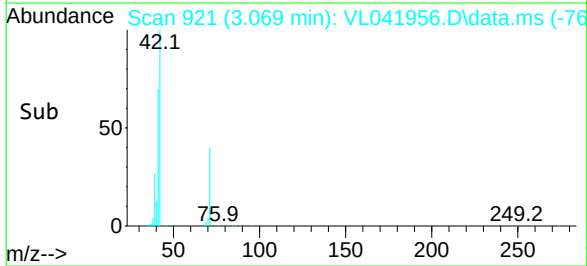
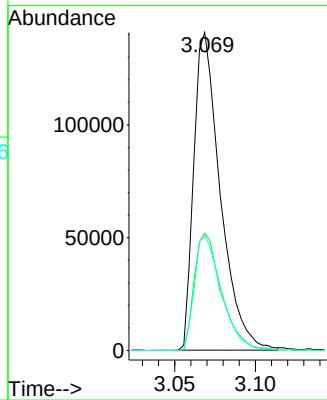
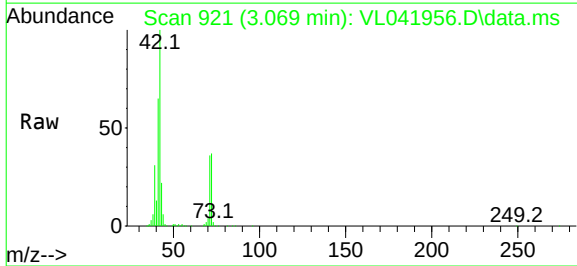
VSTDCCC010EC

Tgt Ion:	42	Resp:	160697
Ion	Ratio	Lower	Upper
42	100		
72	38.2	32.3	48.5
71	36.9	29.9	44.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#42

Bromodichloromethane

Concen: 11.546 ppbv

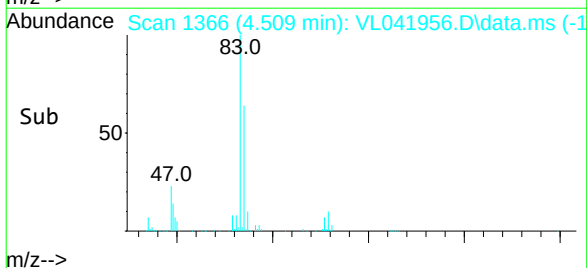
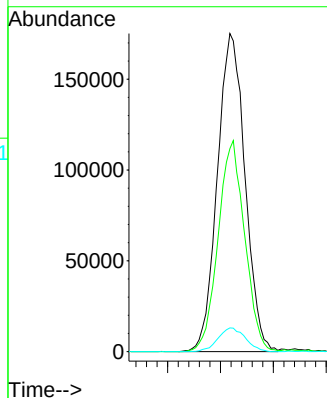
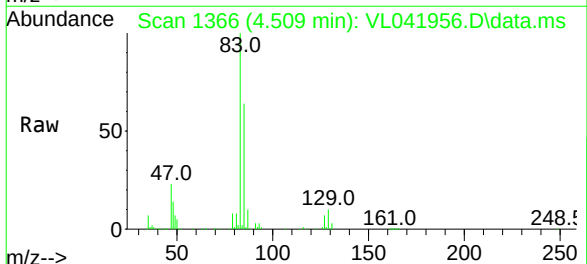
RT: 4.509 min Scan# 1366

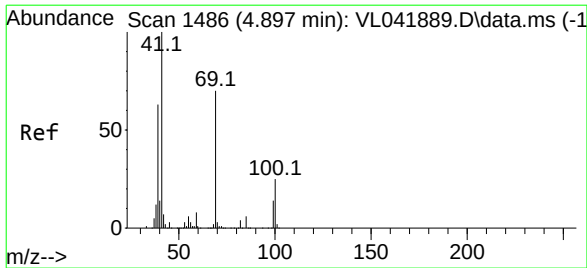
Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Tgt Ion:	83	Resp:	318106
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.6	78.8
127	7.4	6.4	9.6





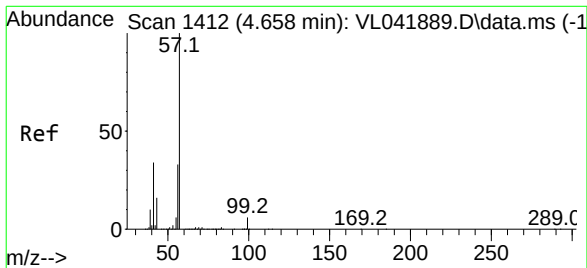
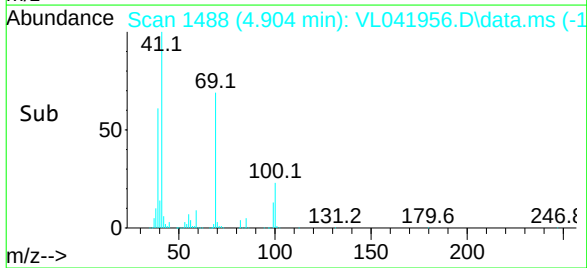
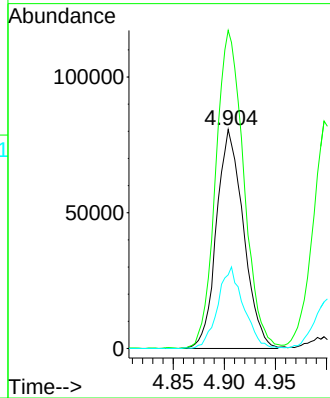
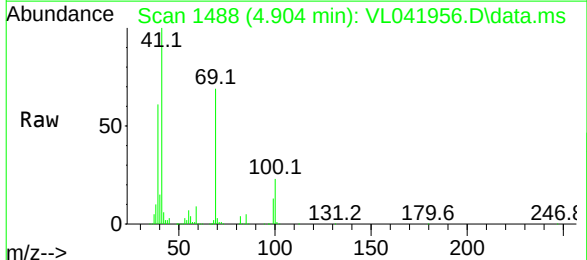
#43
Methyl Methacrylate
Concen: 10.913 ppbv
RT: 4.904 min Scan# 148336
Delta R.T. 0.007 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 148336
Ion Ratio Lower Upper
69 100
41 150.7 118.6 177.8
100 35.5 29.3 43.9

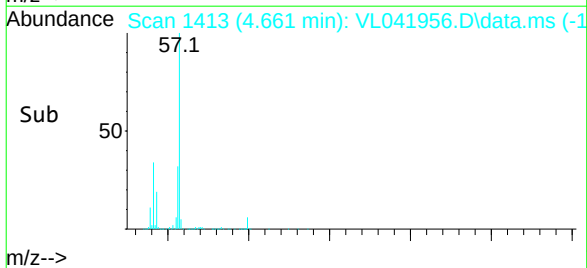
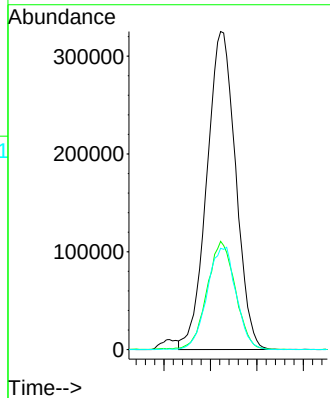
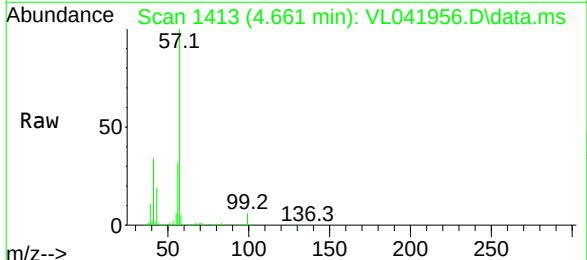
Manual Integrations
APPROVED

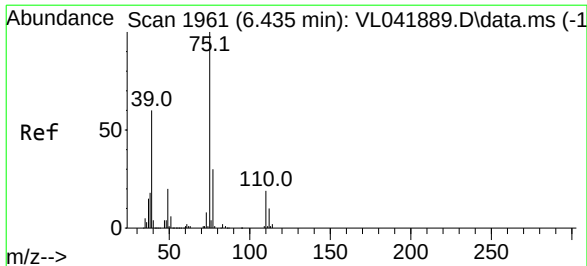
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#44
2,2,4-Trimethylpentane
Concen: 11.845 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion: 57 Resp: 700987
Ion Ratio Lower Upper
57 100
41 33.8 26.6 40.0
56 32.4 25.4 38.2





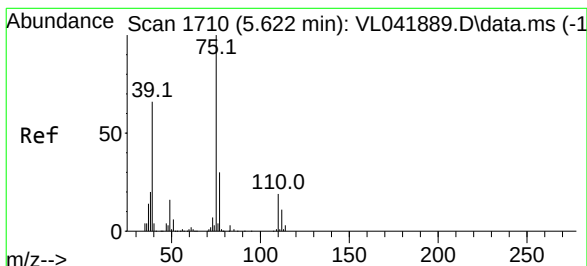
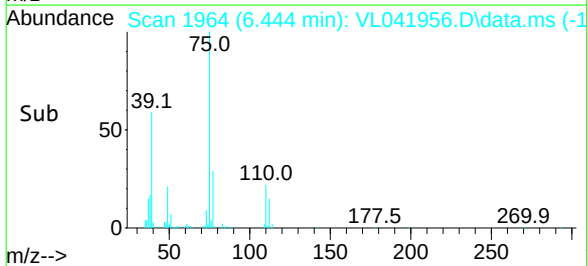
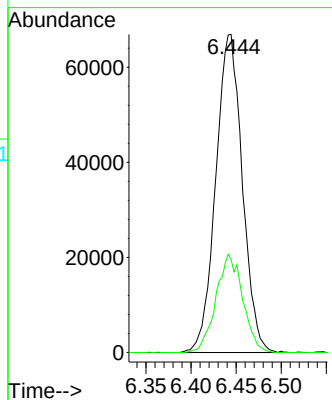
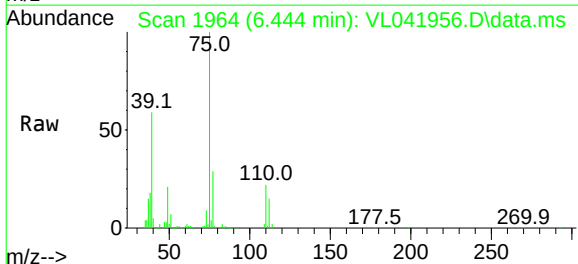
#45
t-1,3-Dichloropropene
Concen: 10.759 ppbv
RT: 6.444 min Scan# 1961
Delta R.T. 0.010 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 136885
Ion Ratio Lower Upper
75 100
77 29.2 24.3 36.5

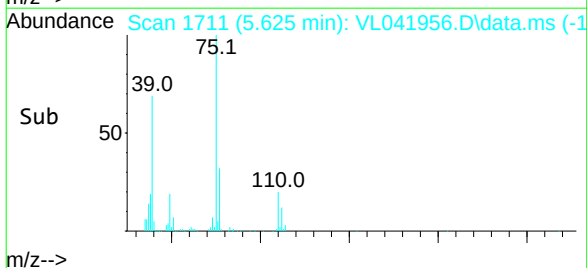
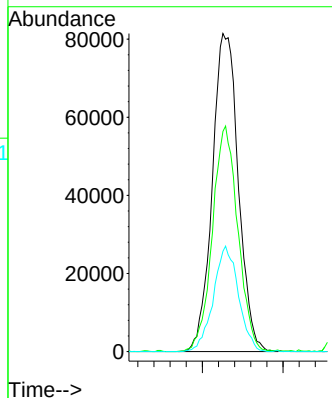
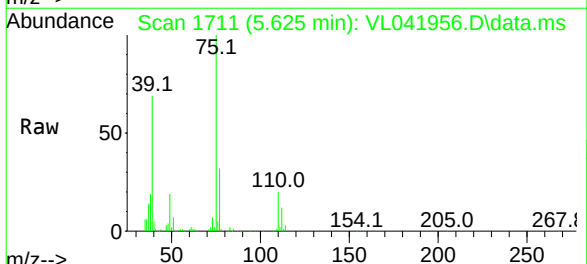
Manual Integrations
APPROVED

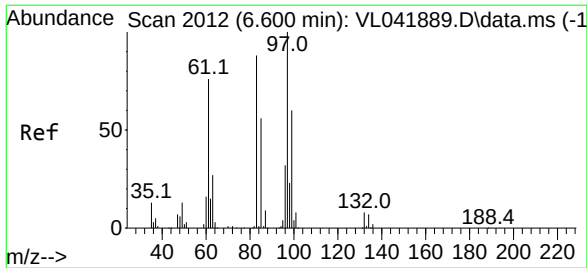
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#46
cis-1,3-Dichloropropene
Concen: 10.942 ppbv
RT: 5.625 min Scan# 1711
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

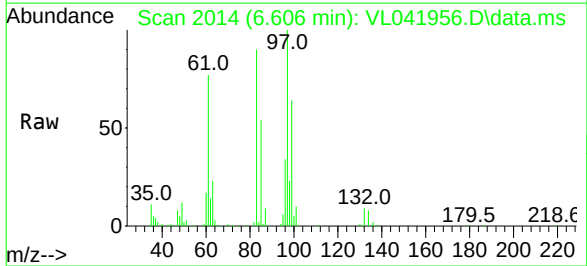
Tgt Ion: 75 Resp: 182770
Ion Ratio Lower Upper
75 100
39 69.1 53.1 79.7
77 31.6 23.8 35.8





#47
1,1,2-Trichloroethane
Concen: 12.124 ppbv
RT: 6.606 min Scan# 2012
Delta R.T. 0.007 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

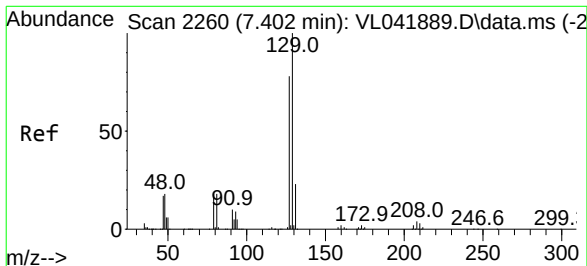
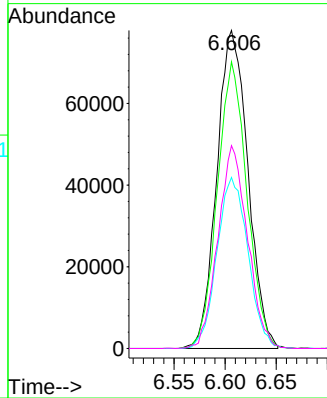
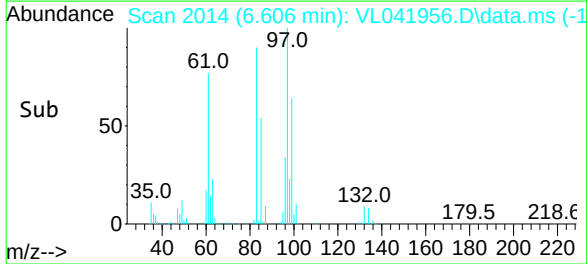
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 97 Resp: 164917
Ion Ratio Lower Upper
97 100
83 90.1 70.4 105.6
85 53.8 45.0 67.4
99 63.7 48.1 72.1

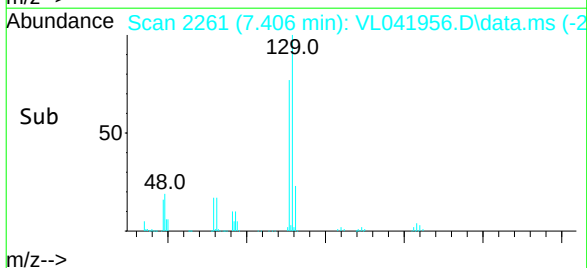
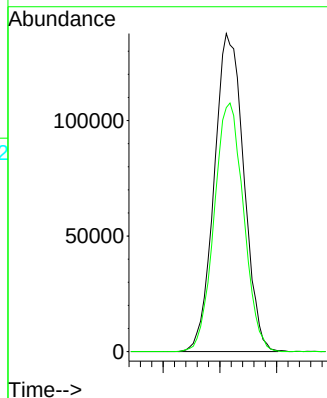
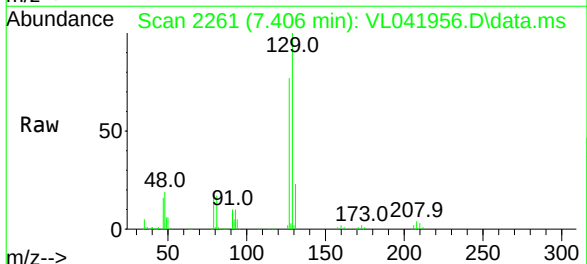
Manual Integrations
APPROVED

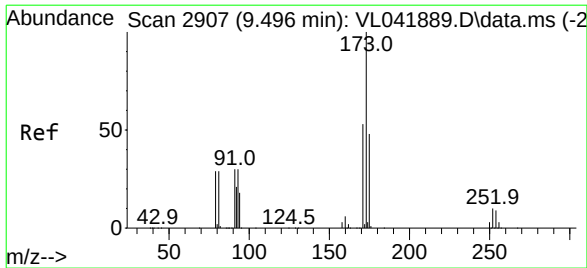
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#48
Dibromochloromethane
Concen: 11.850 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:129 Resp: 248718
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.8





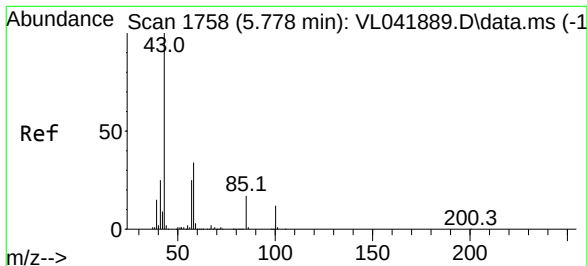
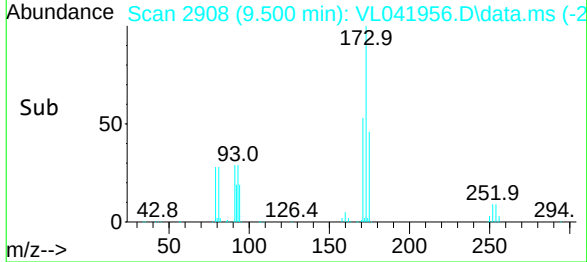
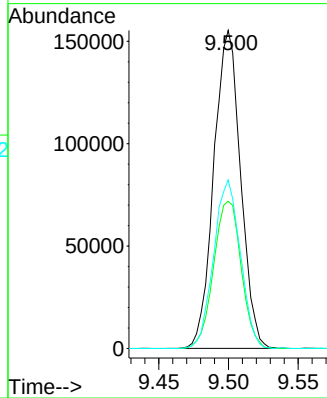
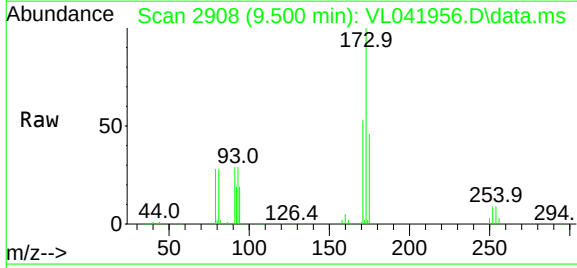
#49
Bromoform
Concen: 12.027 ppbv
RT: 9.500 min Scan# 2907
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 173 Resp: 207343
Ion Ratio Lower Upper
173 100
175 47.8 38.4 57.6
171 52.9 41.4 62.2

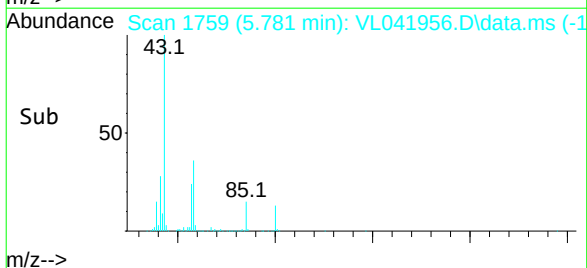
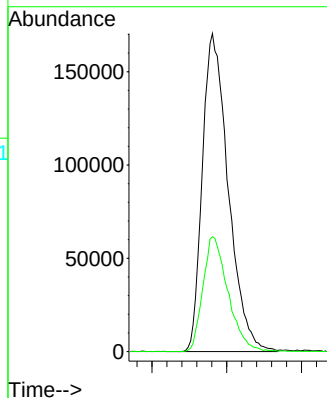
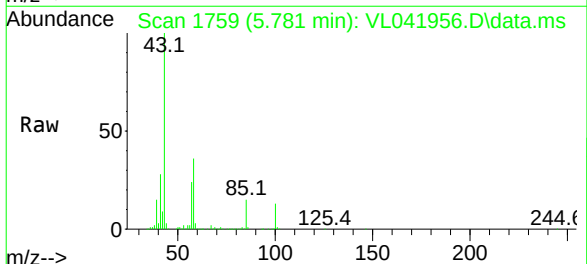
Manual Integrations
APPROVED

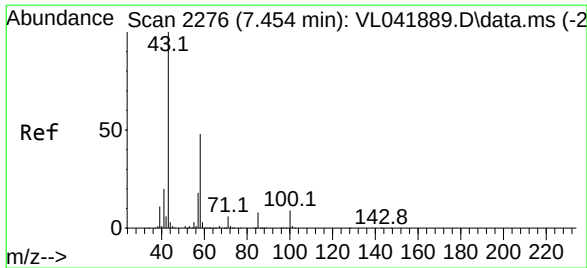
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#50
4-Methyl-2-Pentanone
Concen: 11.843 ppbv
RT: 5.781 min Scan# 1759
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

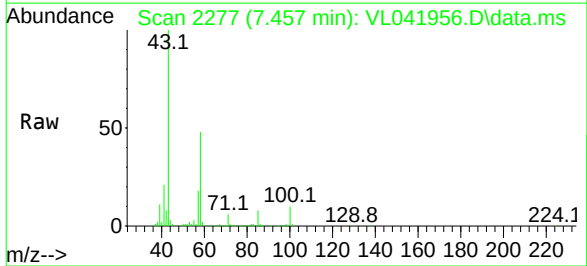
Tgt Ion: 43 Resp: 410141
Ion Ratio Lower Upper
43 100
58 35.1 29.0 43.6





#51
2-Hexanone
Concen: 12.171 ppbv
RT: 7.457 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

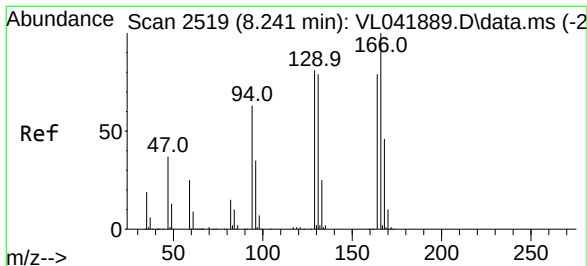
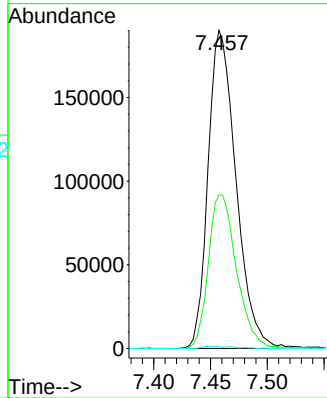
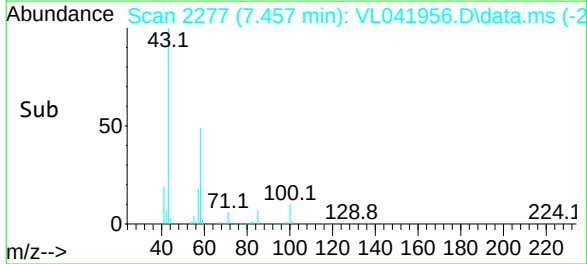
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



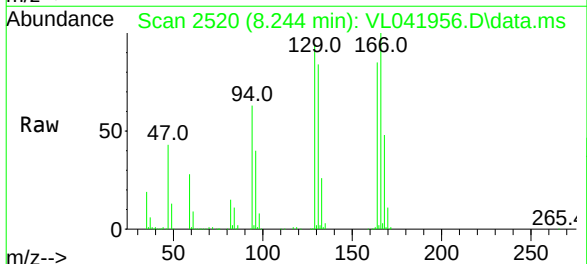
Tgt Ion: 43 Resp: 323889
Ion Ratio Lower Upper
43 100
58 49.1 40.4 60.6
98 0.7 0.2 0.2

Manual Integrations
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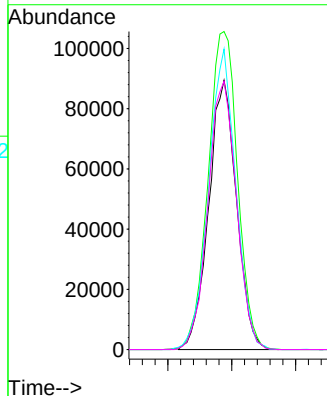
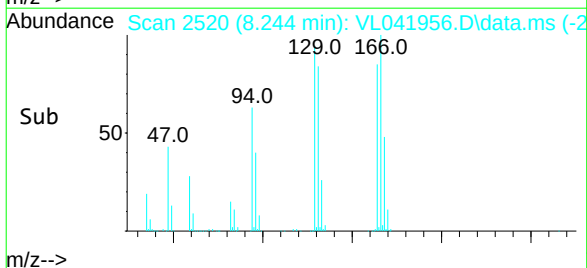
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

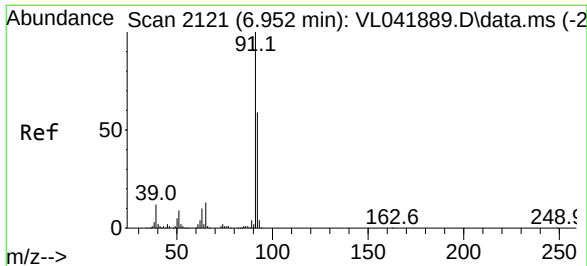


#52
Tetrachloroethene
Concen: 10.654 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13



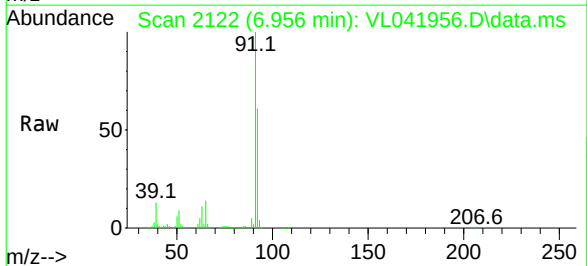
Tgt Ion:164 Resp: 135165
Ion Ratio Lower Upper
164 100
166 118.0 100.8 151.2
129 111.6 82.0 123.0
131 99.7 80.2 120.2





#53
Toluene
Concen: 11.542 ppbv
RT: 6.956 min Scan# 2121
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

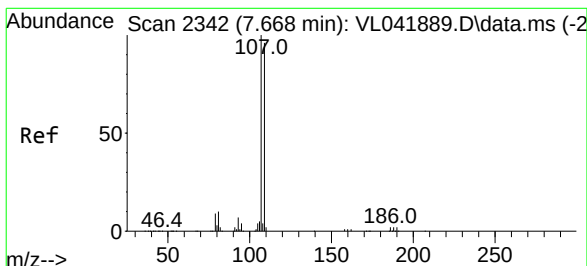
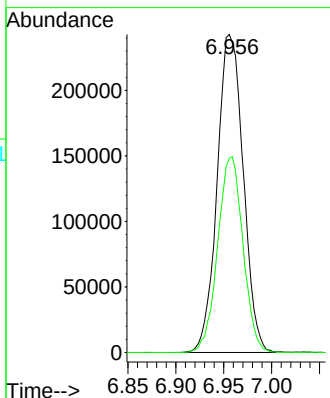
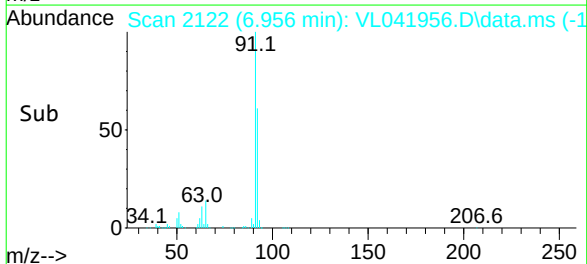
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 460000
Ion Ratio Lower Upper
91 100
92 59.7 47.4 71.0

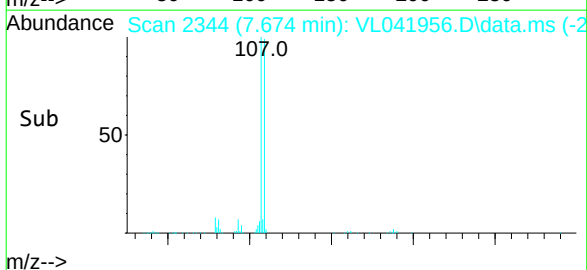
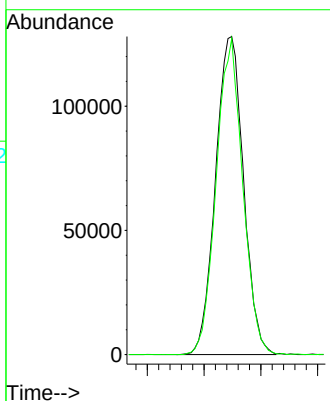
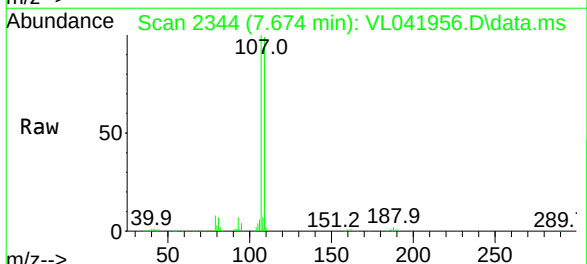
Manual Integrations
APPROVED

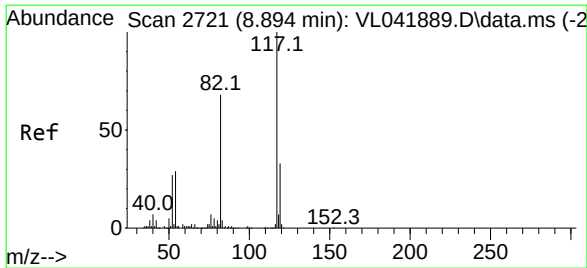
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#54
1,2-Dibromoethane
Concen: 11.693 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. 0.007 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:107 Resp: 218664
Ion Ratio Lower Upper
107 100
109 99.3 76.7 115.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 2721

Delta R.T. 0.003 min

Lab File: VL041956.D

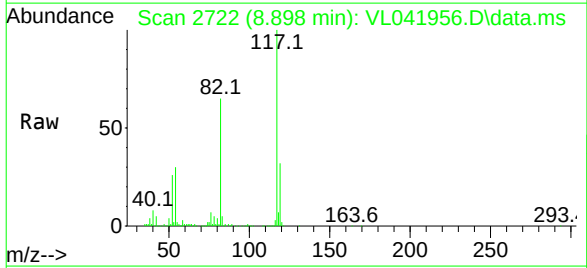
Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:117 Resp: 348394

Ion Ratio Lower Upper

117 100

82 67.7 54.2 81.4

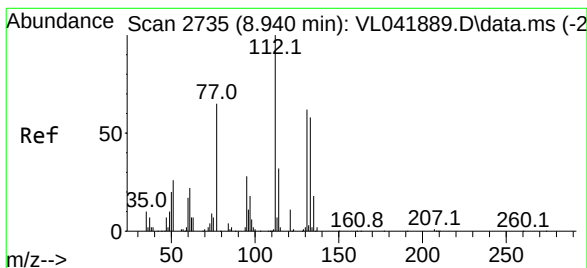
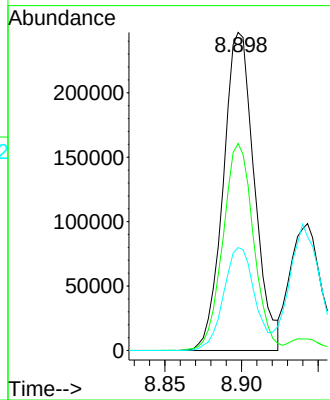
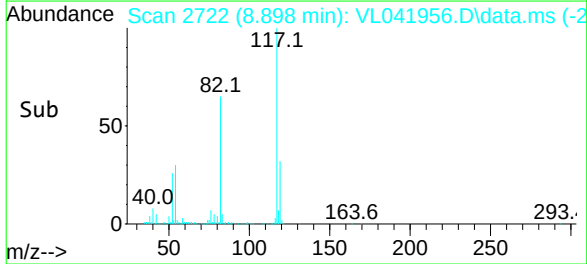
119 32.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 12.228 ppbv

RT: 8.943 min Scan# 2736

Delta R.T. 0.003 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

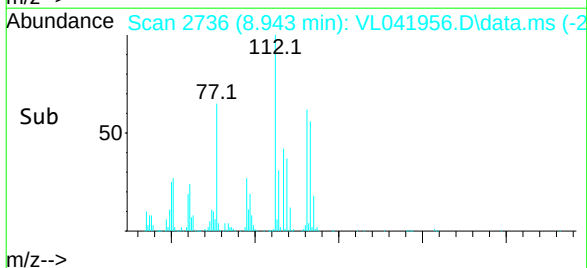
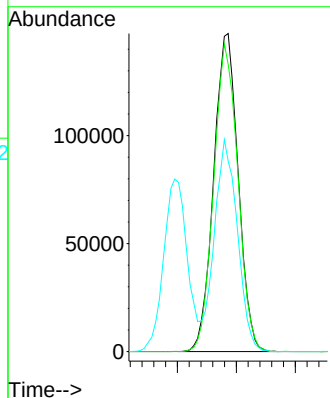
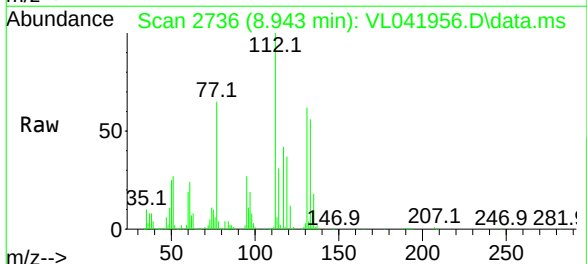
Tgt Ion:131 Resp: 212542

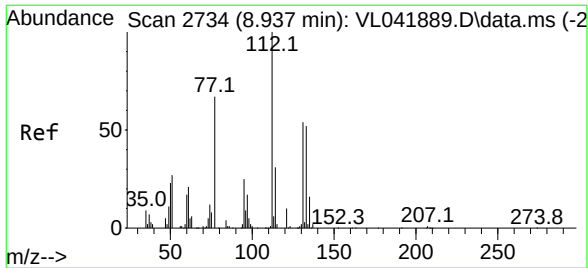
Ion Ratio Lower Upper

131 100

133 95.6 76.0 114.0

119 63.7 49.7 74.5





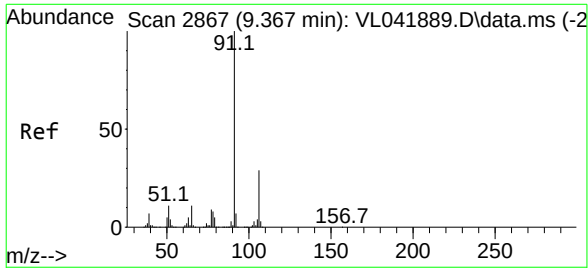
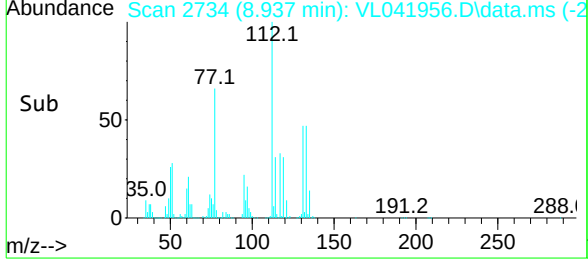
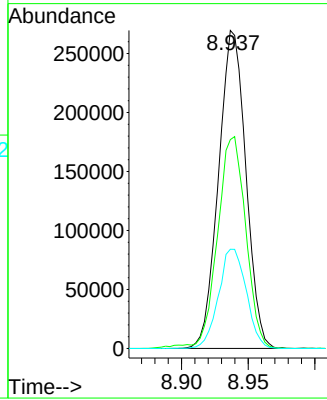
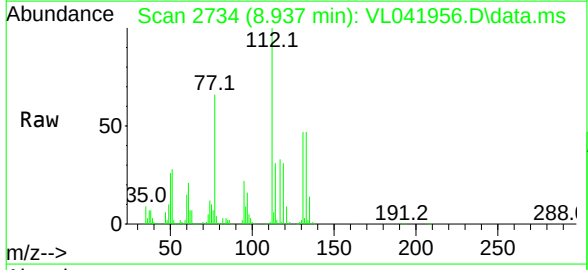
#57
Chlorobenzene
Concen: 11.958 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	112	Resp:	384291
Ion Ratio	Lower	Upper	
112	100		
77	65.6	54.6	82.0
114	31.1	28.2	34.4

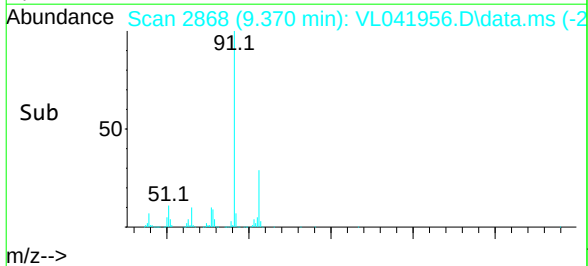
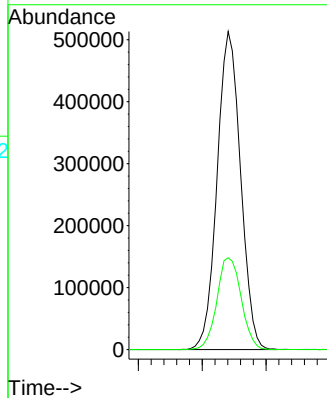
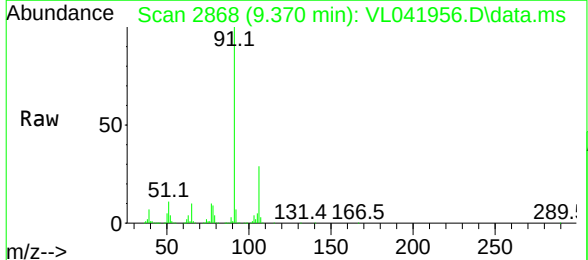
Manual Integrations
APPROVED

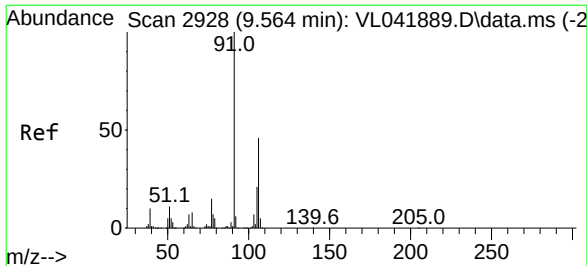
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#58
Ethyl Benzene
Concen: 12.018 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

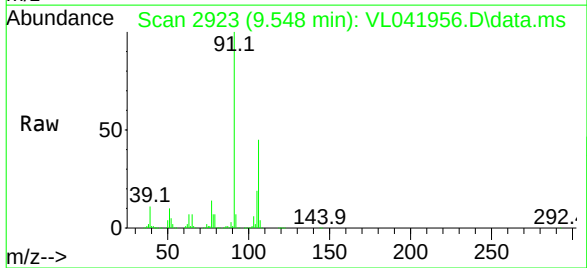
Tgt Ion:	91	Resp:	654353
Ion Ratio	Lower	Upper	
91	100		
106	28.9	23.1	34.7





#59
m/p-Xylene
Concen: 25.361 ppbv m
RT: 9.548 min Scan# 2928
Delta R.T. -0.016 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

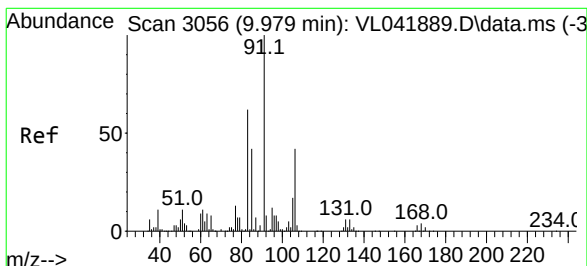
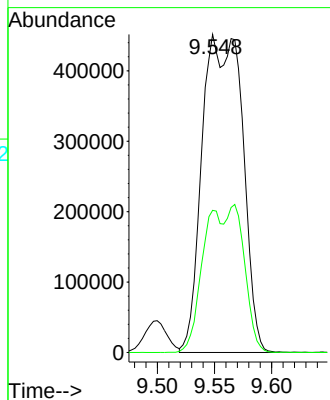
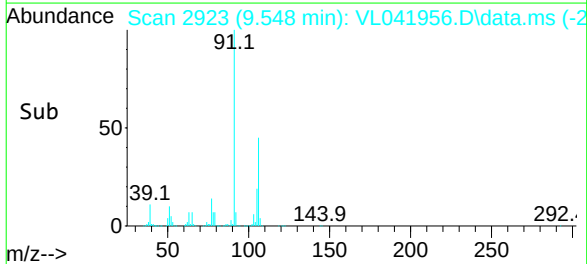
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



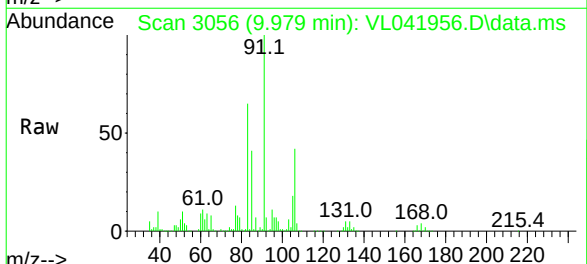
Tgt Ion: 91 Resp: 1106829
Ion Ratio Lower Upper
91 100
106 46.0 36.0 54.0

Manual Integrations
APPROVED

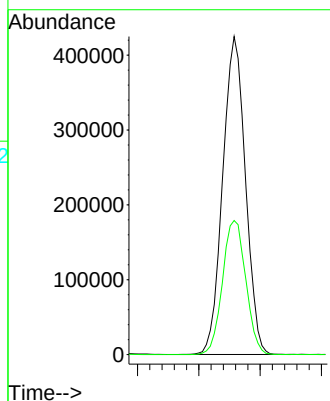
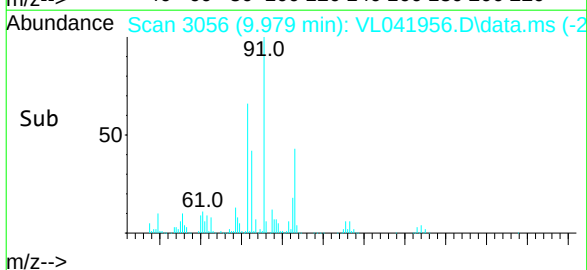
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

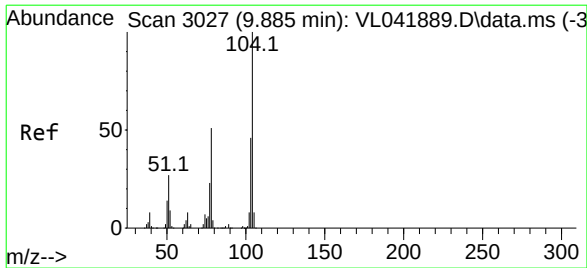


#60
o-Xylene
Concen: 12.635 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13



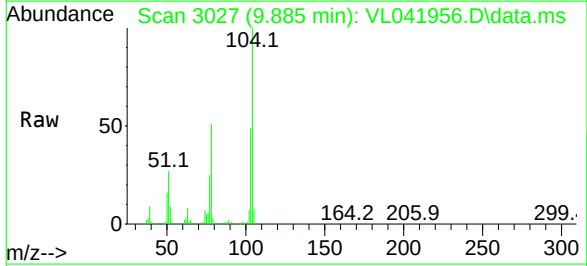
Tgt Ion: 91 Resp: 547340
Ion Ratio Lower Upper
91 100
106 43.2 21.3 63.9





#61
Styrene
Concen: 12.463 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

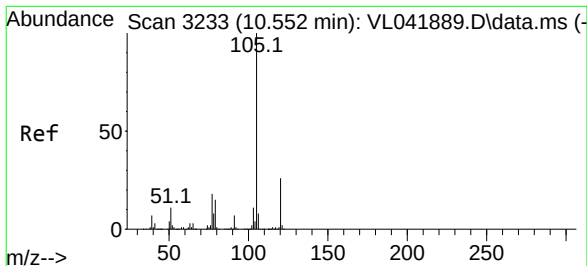
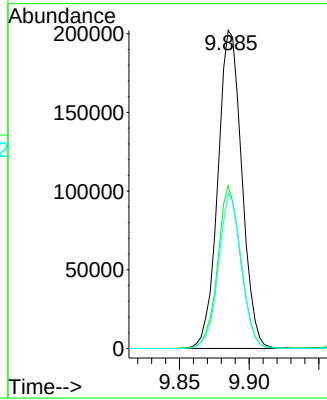
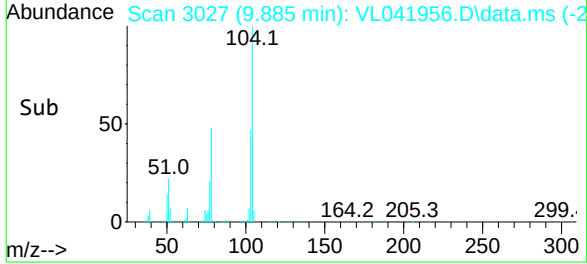
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:104 Resp: 242191
Ion Ratio Lower Upper
104 100
78 49.1 41.0 61.6
103 46.7 37.2 55.8

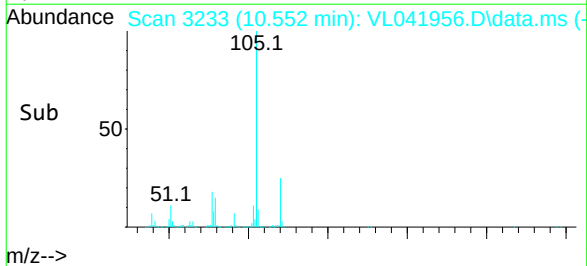
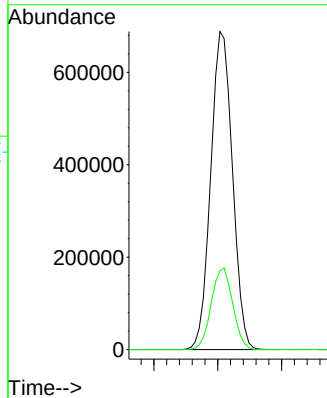
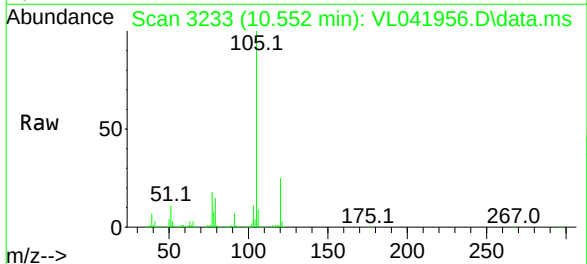
Manual Integrations
APPROVED

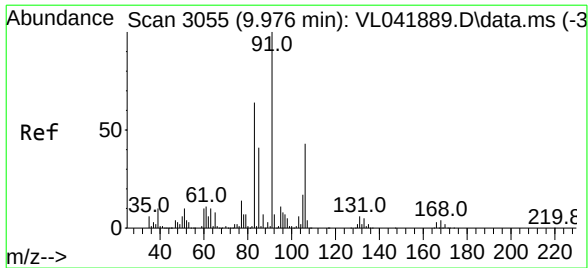
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#62
Isopropylbenzene
Concen: 12.129 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

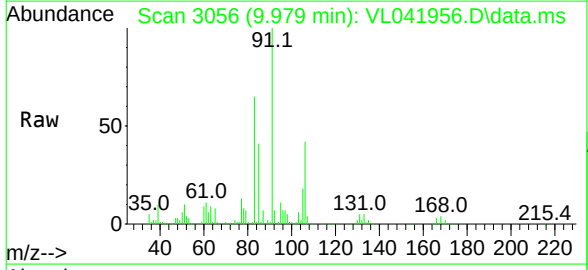
Tgt Ion:105 Resp: 813048
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 12.334 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

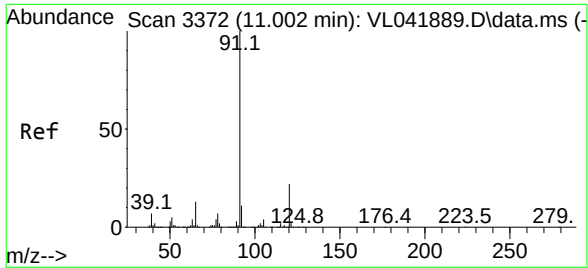
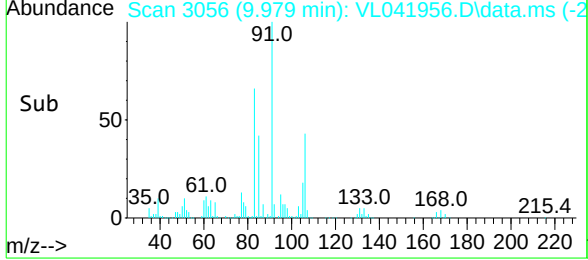
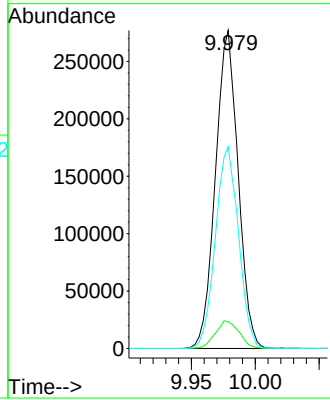
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:	83	Resp:	341408
Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.8	14.4
85	64.8	32.4	97.2

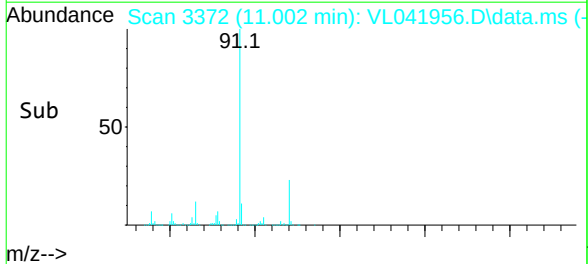
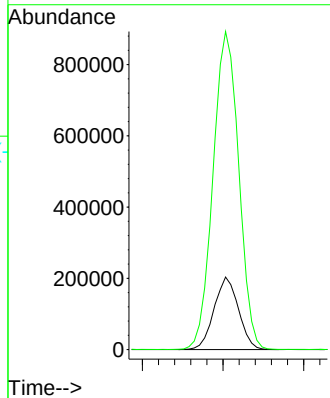
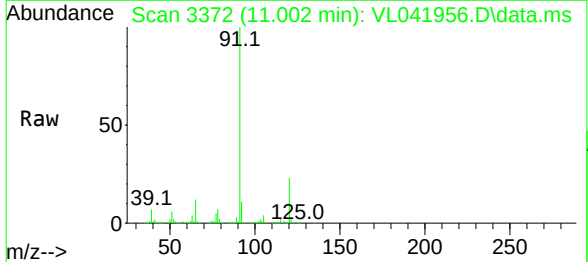
Manual Integrations
APPROVED

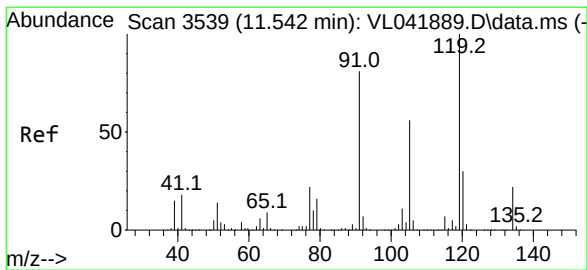
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#64
n-propylbenzene
Concen: 12.621 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:	120	Resp:	213765
Ion	Ratio	Lower	Upper
120	100		
91	463.3	374.1	561.1





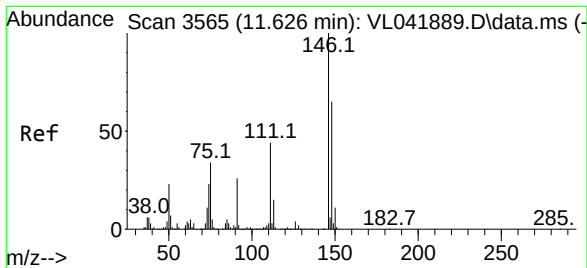
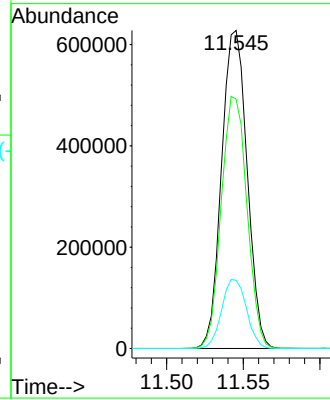
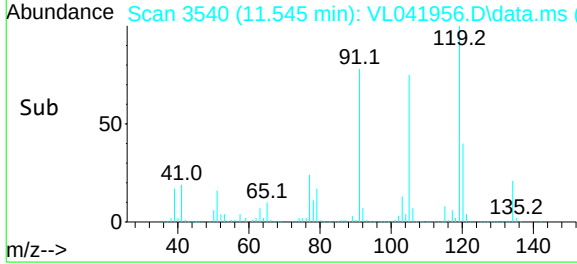
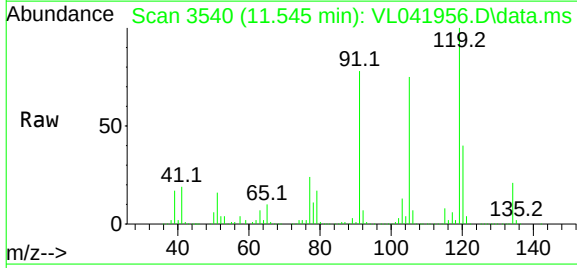
#65
tert-Butylbenzene
Concen: 11.920 ppbv
RT: 11.545 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	119	Resp:	728163
Ion Ratio	Lower	Upper	
119	100		
91	79.5	64.6	97.0
134	21.1	16.8	25.2

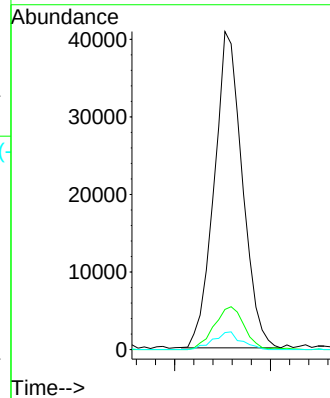
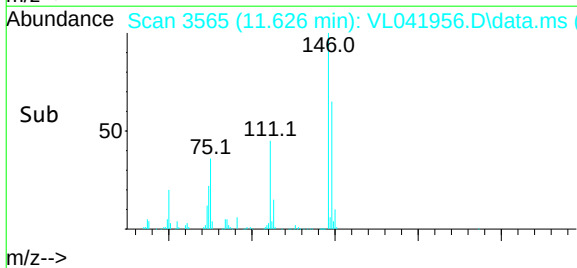
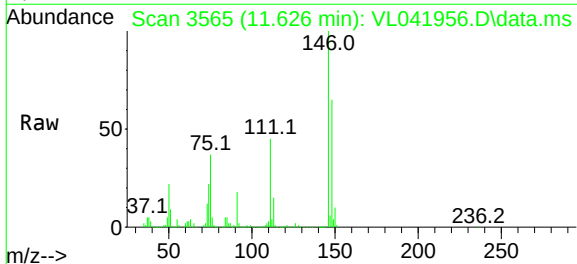
Manual Integrations
APPROVED

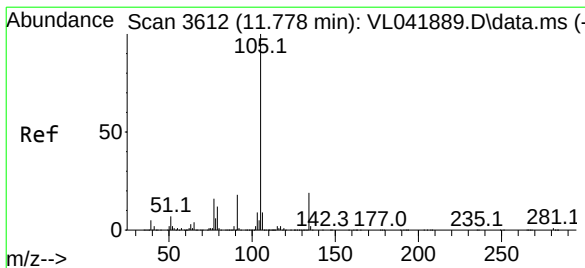
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#66
Benzyl Chloride
Concen: 10.989 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:	91	Resp:	41547
Ion Ratio	Lower	Upper	
91	100		
126	14.8	14.1	21.1
128	5.6	4.3	6.5





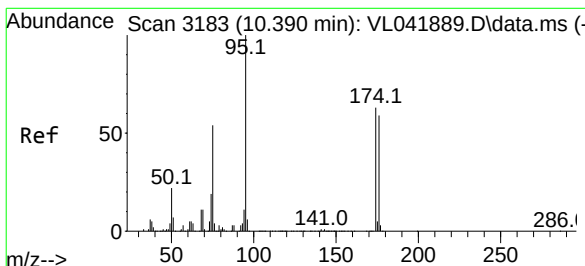
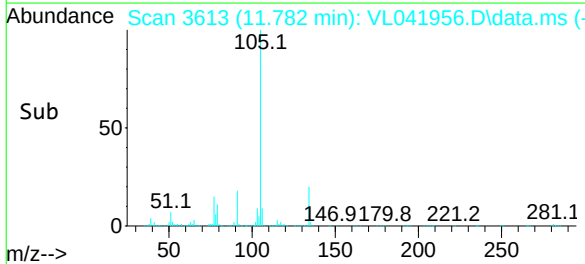
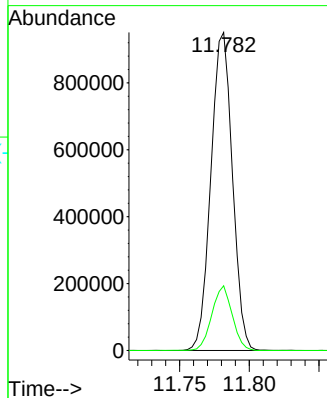
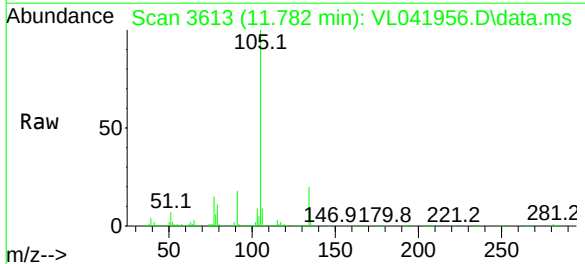
#67
 sec-Butylbenzene
 Concen: 12.118 ppbv
 RT: 11.782 min Scan# 3612
 Delta R.T. 0.003 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 105 Resp: 1019309
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.1 22.7

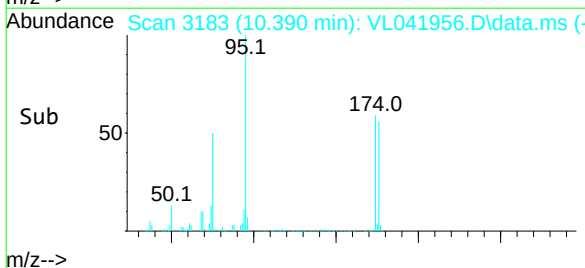
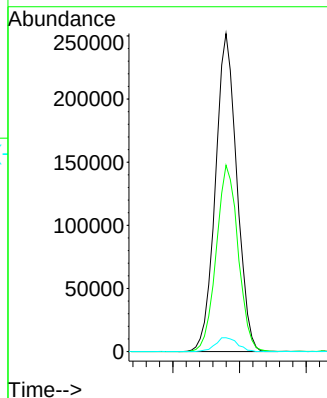
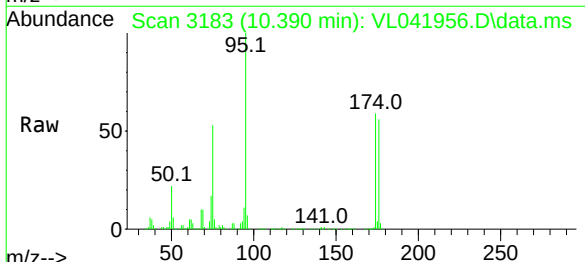
Manual Integrations
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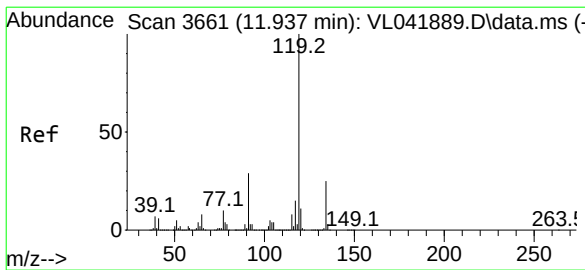
Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.229 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Tgt Ion: 95 Resp: 280681
 Ion Ratio Lower Upper
 95 100
 174 60.0 49.0 73.4
 175 4.6 3.8 5.8





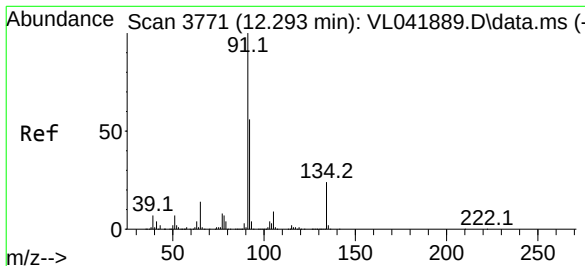
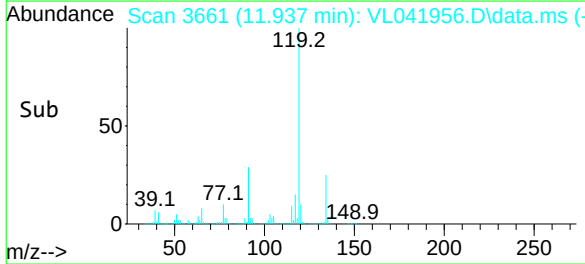
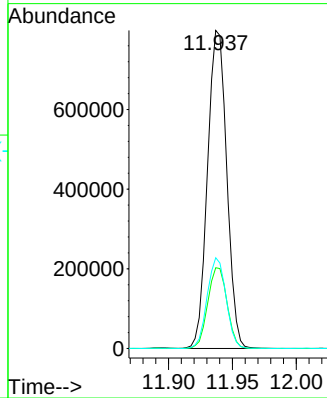
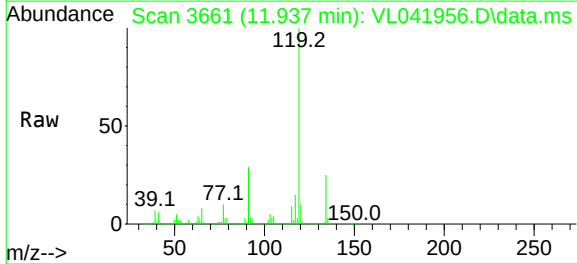
#69
p-Isopropyltoluene
Concen: 12.058 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	119	Resp:	835184
Ion Ratio	Lower	Upper	
119	100		
134	25.6	19.8	29.6
91	28.1	23.0	34.4

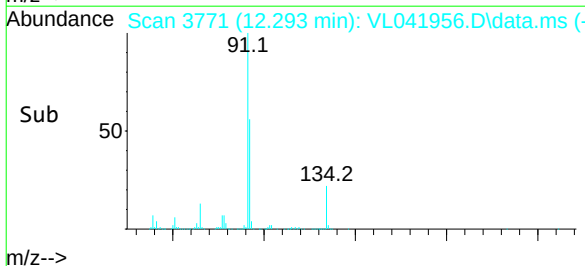
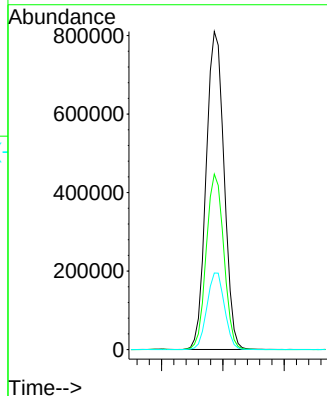
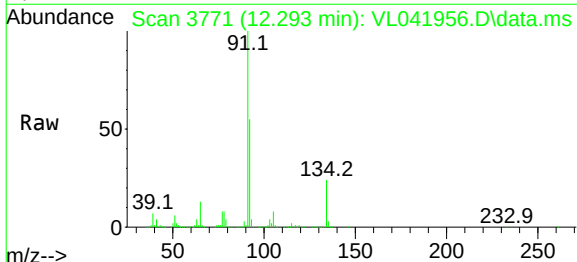
Manual Integrations
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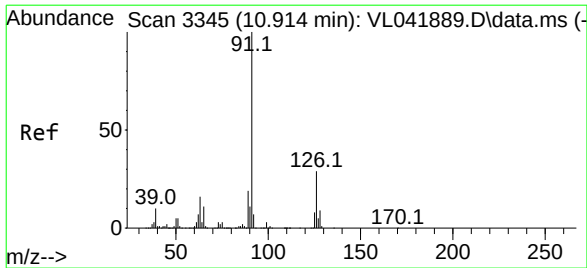
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#70
n-Butylbenzene
Concen: 11.972 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Tgt Ion:	91	Resp:	822400
Ion Ratio	Lower	Upper	
91	100		
92	54.1	43.8	65.6
134	23.7	19.0	28.6





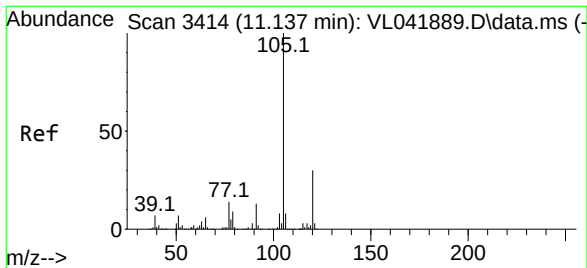
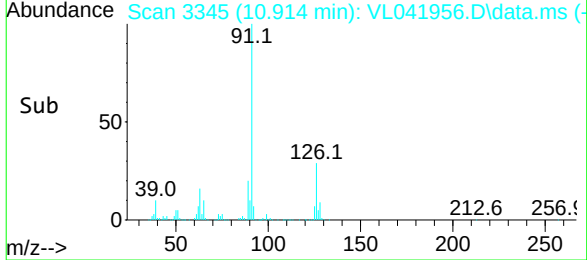
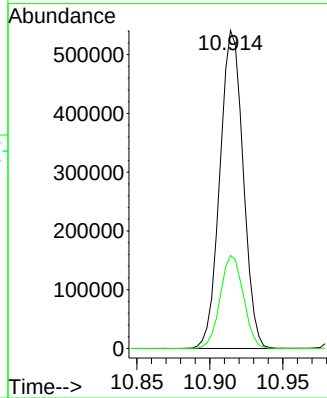
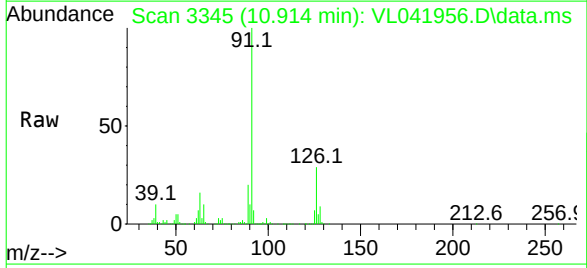
#71
2-Chlorotoluene
Concen: 12.102 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 600058
Ion Ratio Lower Upper
91 100
126 29.1 11.7 46.7

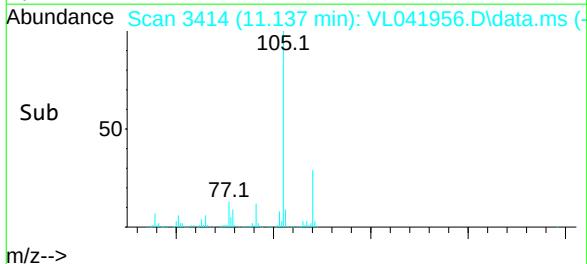
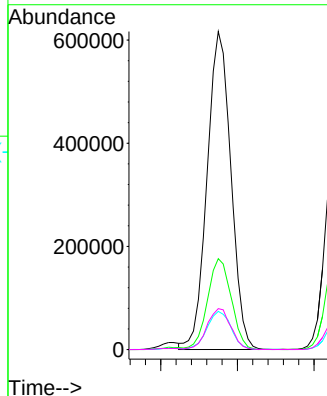
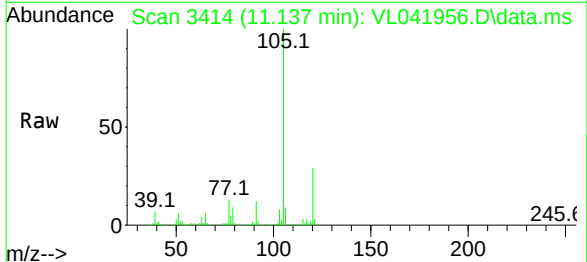
Manual Integrations
APPROVED

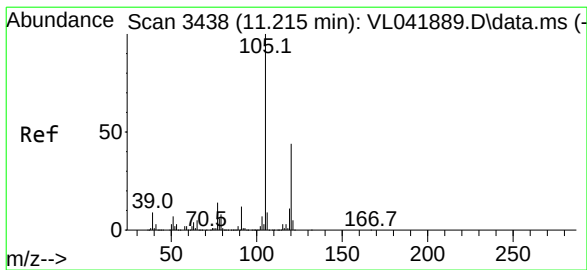
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#72
4-Ethyltoluene
Concen: 12.850 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

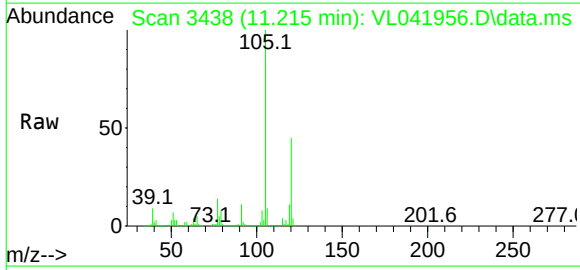
Tgt Ion:105 Resp: 665814
Ion Ratio Lower Upper
105 100
120 29.1 23.7 35.5
91 12.7 10.2 15.2
77 13.3 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 12.295 ppbv
RT: 11.215 min Scan# 3438
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

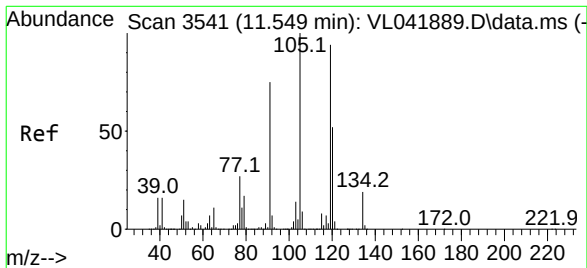
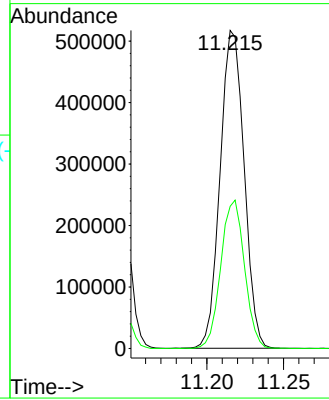
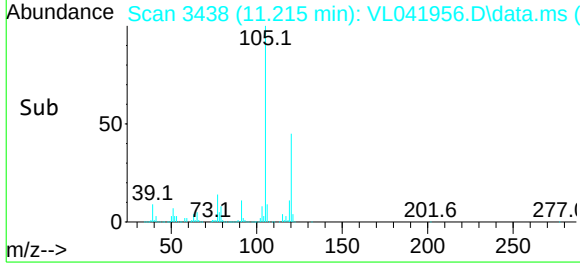
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



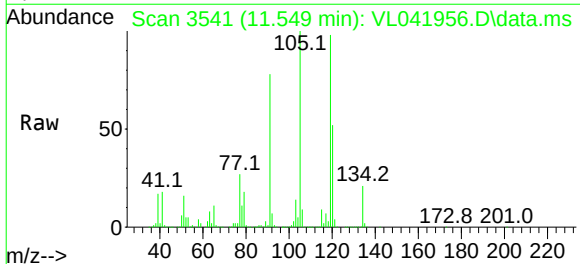
Tgt Ion:105 Resp: 562594
Ion Ratio Lower Upper
105 100
120 44.7 35.4 53.2

Manual Integrations
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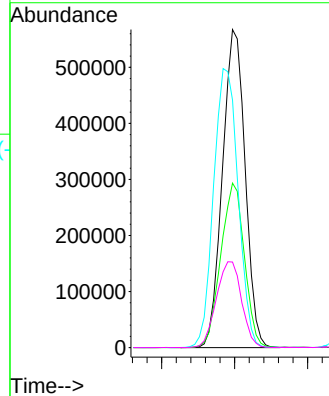
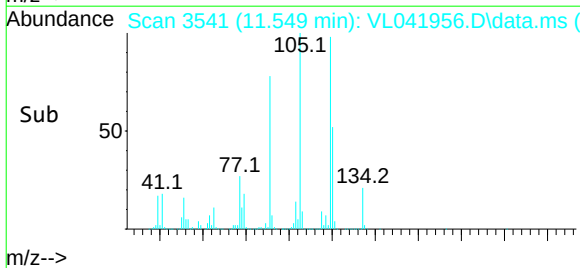
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

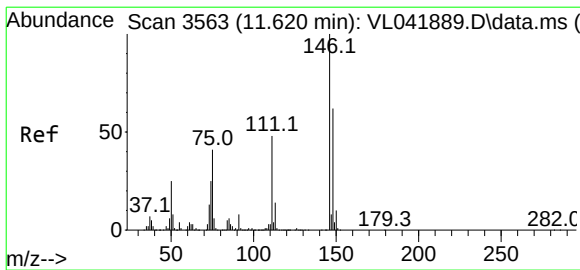


#74
1,2,4-Trimethylbenzene
Concen: 12.357 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13



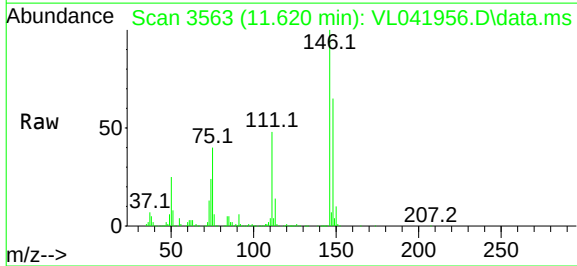
Tgt Ion:105 Resp: 612367
Ion Ratio Lower Upper
105 100
120 51.7 41.4 62.2
91 77.8 60.2 90.2
77 26.9 22.0 33.0





#75
 1,3-Dichlorobenzene
 Concen: 12.136 ppbv
 RT: 11.620 min Scan# 3563
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

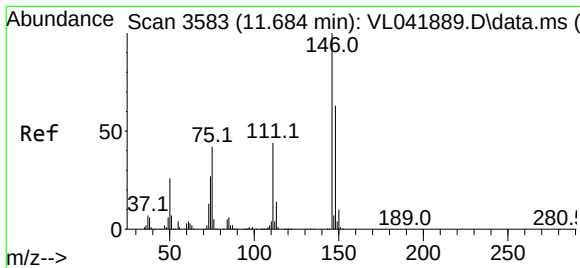
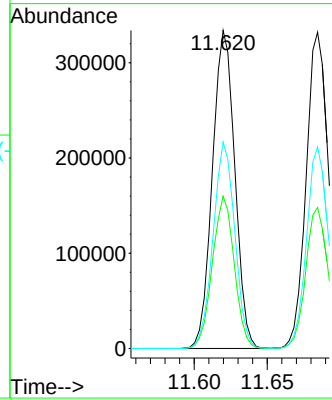
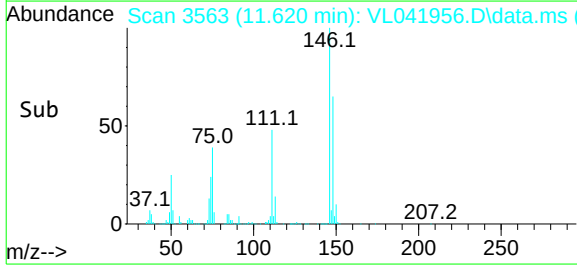
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:	146	Resp:	356384
Ion	Ratio	Lower	Upper
146	100		
111	46.7	23.6	70.8
148	63.1	31.4	94.0

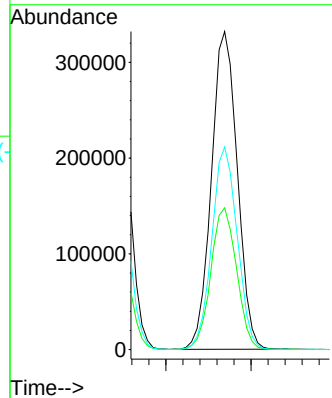
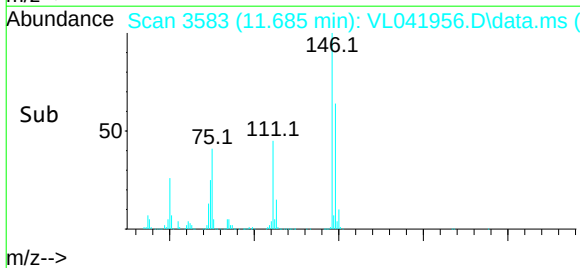
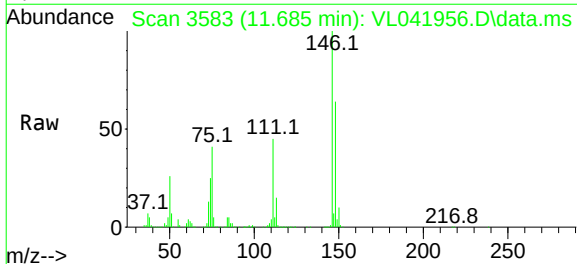
Manual Integrations
APPROVED

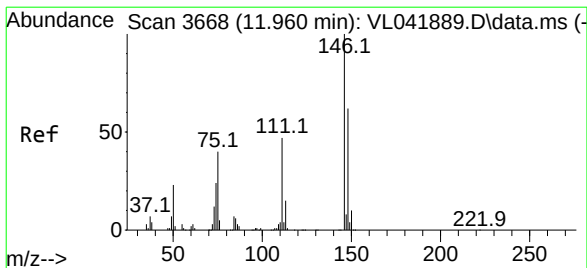
Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#76
 1,4-Dichlorobenzene
 Concen: 12.212 ppbv
 RT: 11.685 min Scan# 3583
 Delta R.T. 0.000 min
 Lab File: VL041956.D
 Acq: 27 Jan 2025 17:13

Tgt Ion:	146	Resp:	350837
Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.4	67.0
148	62.7	31.9	95.5





#77

1,2-Dichlorobenzene

Concen: 11.864 ppbv

RT: 11.960 min Scan# 3668

Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

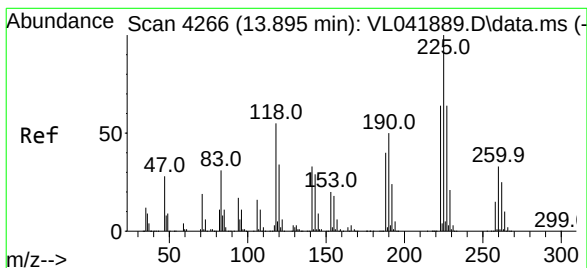
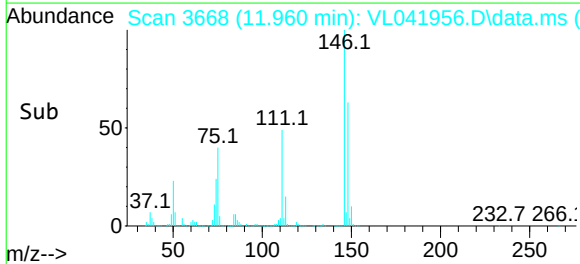
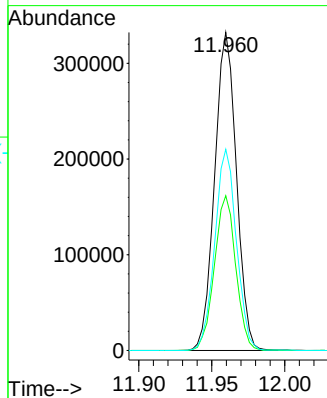
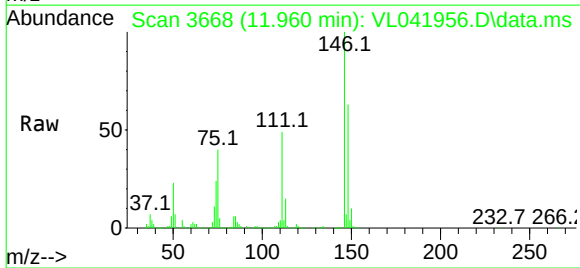
VSTDCCC010EC

Tgt Ion:	146	Resp:	345263
Ion Ratio	Lower	Upper	
146	100		
111	47.9	24.2	72.6
148	63.0	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#78

Hexachloro-1,3-Butadiene

Concen: 9.030 ppbv

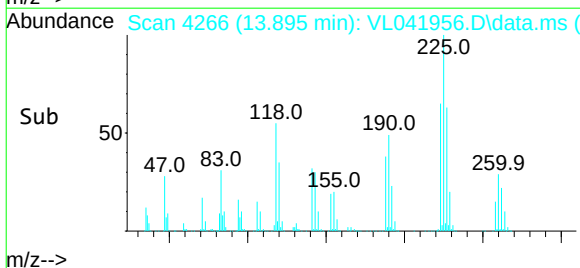
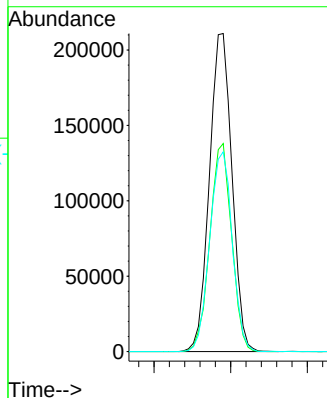
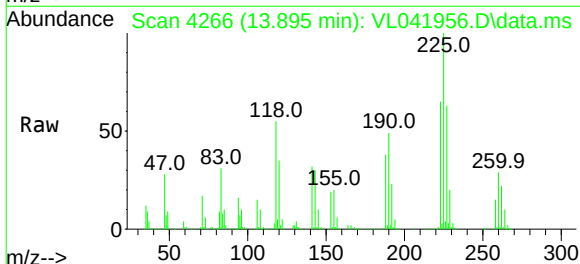
RT: 13.895 min Scan# 4266

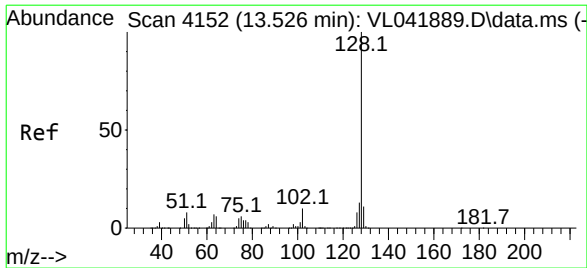
Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Tgt Ion:	225	Resp:	215693
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.8	76.2
227	62.9	50.3	75.5





#79

Naphthalene

Concen: 10.077 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

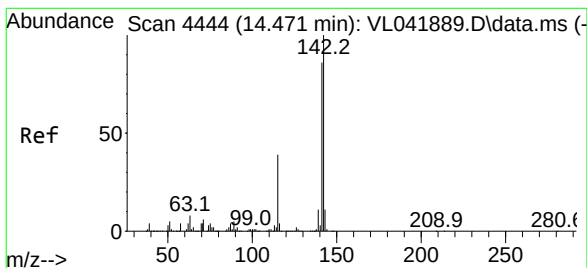
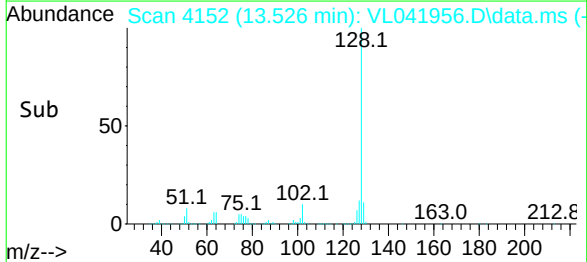
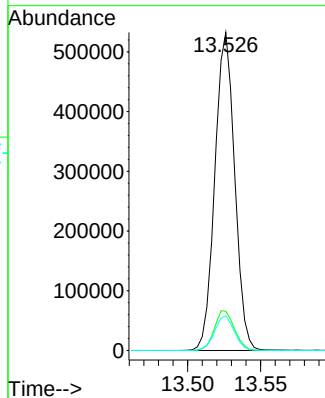
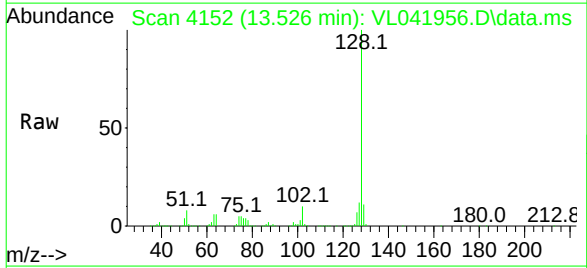
VSTDCCC010EC

Tgt Ion:	128	Resp:	502785
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.2	15.4
129	10.9	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#80

Naphthalene,2-methyl-

Concen: 7.793 ppbv

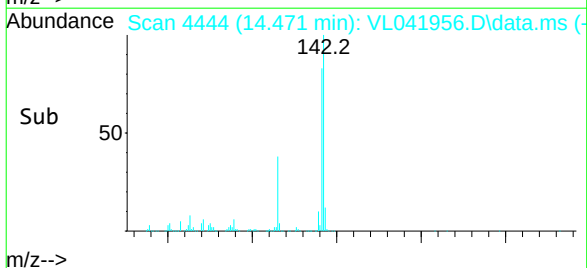
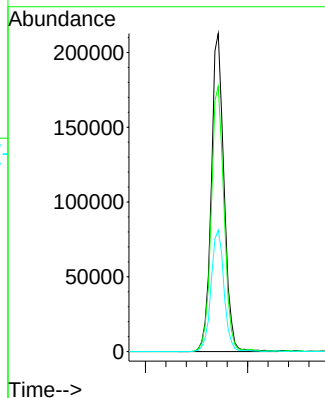
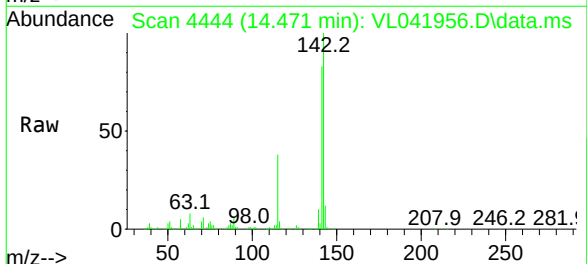
RT: 14.471 min Scan# 4444

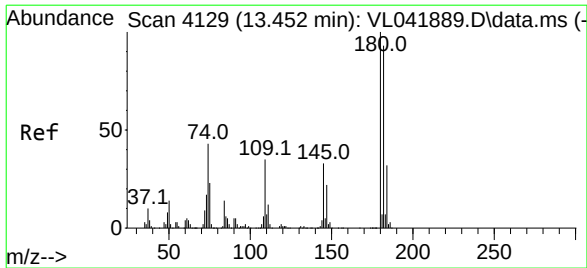
Delta R.T. 0.000 min

Lab File: VL041956.D

Acq: 27 Jan 2025 17:13

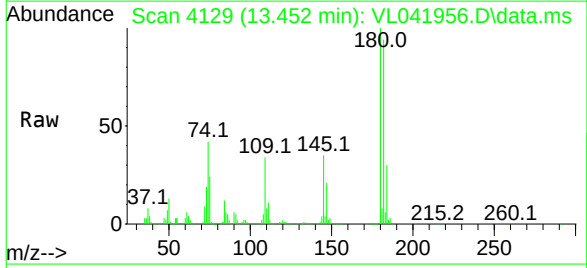
Tgt Ion:	142	Resp:	184341
Ion Ratio	Lower	Upper	
142	100		
141	84.7	68.1	102.1
115	39.4	31.7	47.5





#81
1,2,4-Trichlorobenzene
Concen: 8.977 ppbv
RT: 13.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041956.D
Acq: 27 Jan 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:	180	Resp:	218618
Ion Ratio	Lower	Upper	
180	100		
182	94.6	77.0	115.6
184	29.5	24.9	37.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

