

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041934.D
 Acq On : 20 Jan 2025 23:30
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/21/2025
 Supervised By : Mahesh Dadoda 01/21/2025

Quant Time: Jan 21 05:08:40 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	2.777	49	132028	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.946	114	375060	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.869	117	321701	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.367	95	250881	9.901	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	2056	0.114	ppbv	100
3) Chlorodifluoromethane	1.470	51	2491	0.132	ppbv	99
4) Chloromethane	1.528	50	825	0.122	ppbv #	87
5) Vinyl Chloride	1.573	62	890	0.130	ppbv #	70
6) Bromomethane	1.661	94	561	0.172	ppbv #	63
7) Chloroethane	1.696	64	391	0.147	ppbv #	79
8) Dichlorotetrafluoroethane	1.551	85	1706	0.109	ppbv	85
9) Propene	1.479	41	1121m	0.144	ppbv	
10) Heptane	4.965	43	1749m	0.084	ppbv	
11) Trichlorofluoromethane	1.871	101	2260	0.121	ppbv	85
12) 1,1,2-Trichlorotrifluo...	2.133	101	1538	0.105	ppbv	94
13) Ethanol	1.719	45	209	0.368	ppbv #	31
14) Bromoethene	1.777	108	563	0.105	ppbv #	74
15) Acetone	1.832	43	2963	0.187	ppbv #	87
16) 1,3-Butadiene	1.606	39	1134	0.159	ppbv	100
17) tert-Butyl alcohol	2.039	59	1849	0.095	ppbv #	90
18) 1,1-Dichloroethene	2.026	96	835	0.126	ppbv #	66
19) Isopropyl Alcohol	1.884	45	1514	0.161	ppbv #	42
20) Methylene Chloride	2.056	84	1512	0.241	ppbv #	77
21) Allyl Chloride	2.091	41	1348	0.123	ppbv #	60
22) trans-1,2-Dichloroethene	2.334	96	920	0.123	ppbv #	71
23) Vinyl Acetate	2.457	43	1724m	0.219	ppbv	
24) 1,1-Dichloroethane	2.399	63	1725m	0.120	ppbv	
25) Ethyl Acetate	2.839	43	4071m	0.095	ppbv	
26) Hexane	2.819	57	1551	0.092	ppbv #	79
27) Carbon Disulfide	2.143	76	1603	0.096	ppbv #	1
28) Methyl tert-Butyl Ether	2.438	73	1222	0.095	ppbv	100
29) Chloroform	2.845	83	3120m	0.117	ppbv	
30) Cyclohexane	3.849	84	1219m	0.083	ppbv	
31) cis-1,2-Dichloroethene	2.716	61	1733	0.097	ppbv #	89
32) 1,1,1-Trichloroethane	3.357	97	2783m	0.109	ppbv	
34) 2-Butanone	2.557	43	3222m	0.135	ppbv	
35) Carbon Tetrachloride	3.755	117	2446m	0.104	ppbv	
36) Benzene	3.645	78	3602	0.105	ppbv	96
37) 1,2-Dichloroethane	3.208	62	2502	0.130	ppbv	98
38) Trichloroethene	4.525	130	1659m	0.122	ppbv	
39) 1,2-Dichloropropane	4.308	63	1466m	0.121	ppbv	
40) 1,4-Dioxane	4.609	88	396m	0.065	ppbv	
41) Tetrahydrofuran	3.065	42	1418m	0.109	ppbv	
42) Bromodichloromethane	4.480	83	2842m	0.110	ppbv	
43) Methyl Methacrylate	4.865	69	1129m	0.088	ppbv	
44) 2,2,4-Trimethylpentane	4.629	57	4750m	0.085	ppbv	
45) t-1,3-Dichloropropene	6.393	75	1077m	0.090	ppbv	

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 01/21/2025
 Supervised By : Mahesh Dadoda 01/21/2025

Quant Time: Jan 21 05:08:40 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	5.584	75	1401m	0.089	ppbv	
47) 1,1,2-Trichloroethane	6.564	97	1358m	0.106	ppbv	
48) Dibromochloromethane	7.373	129	2041m	0.103	ppbv	
49) Bromoform	9.464	173	1311m	0.081	ppbv	
50) 4-Methyl-2-Pentanone	5.758	43	2755m	0.085	ppbv	
51) 2-Hexanone	7.438	43	2058m	0.082	ppbv	
52) Tetrachloroethene	8.218	164	1214m	0.102	ppbv	
53) Toluene	6.920	91	3038m	0.081	ppbv	
54) 1,2-Dibromoethane	7.639	107	1760m	0.100	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.911	131	1573m	0.098	ppbv	
57) Chlorobenzene	8.908	112	3707	0.125	ppbv #	69
58) Ethyl Benzene	9.344	91	3645m	0.073	ppbv	
59) m/p-Xylene	9.519	91	5165m	0.128	ppbv	
60) o-Xylene	9.950	91	2736m	0.068	ppbv	
61) Styrene	9.856	104	1267m	0.071	ppbv	
62) Isopropylbenzene	10.529	105	5186	0.084	ppbv	97
63) 1,1,1,2-Tetrachloroethane	9.953	83	3019	0.118	ppbv	96
64) n-propylbenzene	10.979	120	1056m	0.068	ppbv	
65) tert-Butylbenzene	11.520	119	3130	0.055	ppbv	98
66) Benzyl Chloride	11.607	91	277m	0.079	ppbv	
67) sec-Butylbenzene	11.759	105	4561	0.059	ppbv	100
69) p-Isopropyltoluene	11.918	119	3352	0.052	ppbv	94
70) n-Butylbenzene	12.274	91	3236	0.051	ppbv	95
71) 2-Chlorotoluene	10.888	91	3359m	0.073	ppbv	
72) 4-Ethyltoluene	11.118	105	2748m	0.057	ppbv	
73) 1,3,5-Trimethylbenzene	11.199	105	2452	0.058	ppbv	95
74) 1,2,4-Trimethylbenzene	11.529	105	2672	0.058	ppbv #	84
75) 1,3-Dichlorobenzene	11.600	146	2000	0.074	ppbv	88
76) 1,4-Dichlorobenzene	11.662	146	2211m	0.083	ppbv	
77) 1,2-Dichlorobenzene	11.940	146	2552	0.095	ppbv	93
78) Hexachloro-1,3-Butadiene	13.876	225	2193	0.099	ppbv	95
79) Naphthalene	13.507	128	2222	0.048	ppbv #	91
80) Naphthalene,2-methyl-	14.458	142	709m	0.032	ppbv	
81) 1,2,4-Trichlorobenzene	13.436	180	1605	0.071	ppbv	98

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

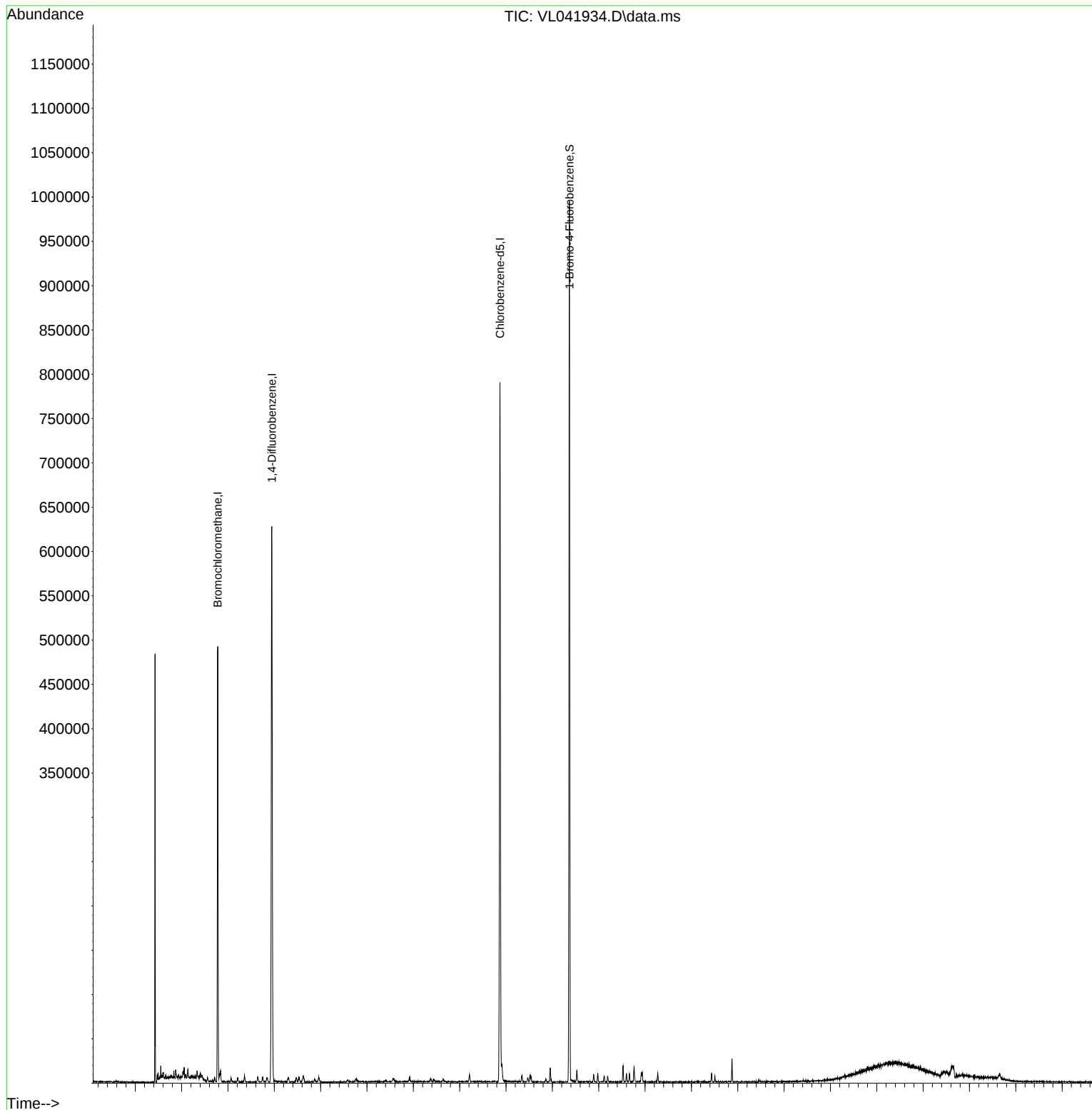
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Data File : VL041934.D
Acq On : 20 Jan 2025 23:30
Operator : SY/MD
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ALS Vial : 13 Sample Multiplier: 1

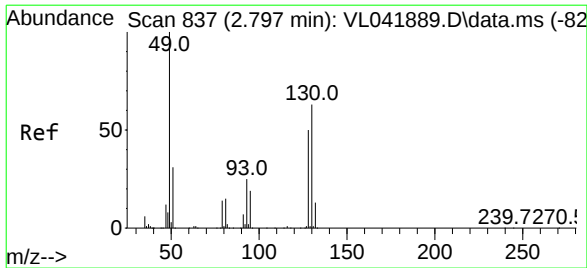
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Quant Time: Jan 21 05:08:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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Manual Integrations
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Supervised By : Mahesh Dadoda 01/21/2025





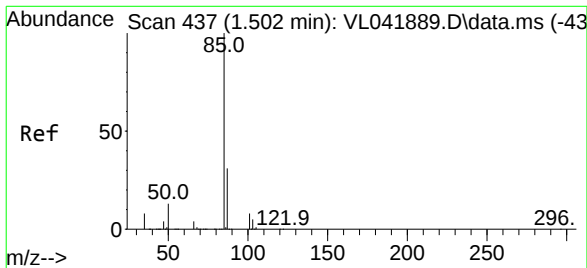
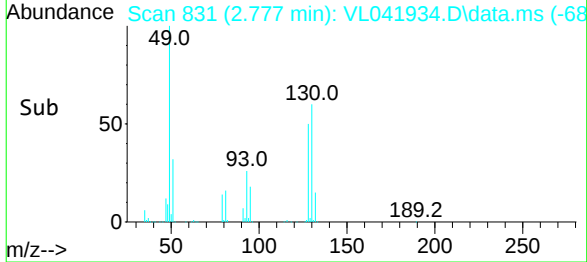
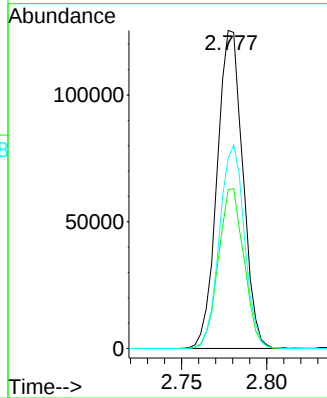
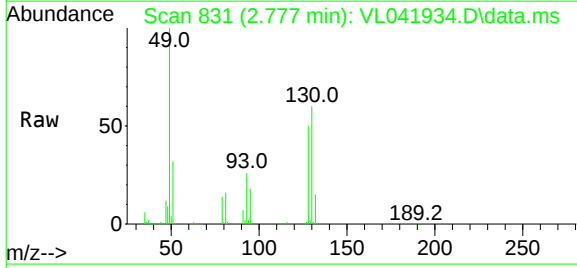
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 831
Delta R.T. -0.020 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 49 Resp: 132028
Ion Ratio Lower Upper
49 100
128 49.8 24.3 73.0
130 61.9 31.1 93.2

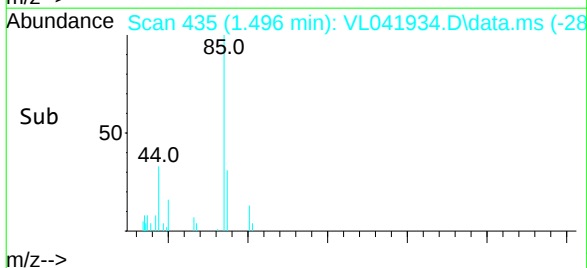
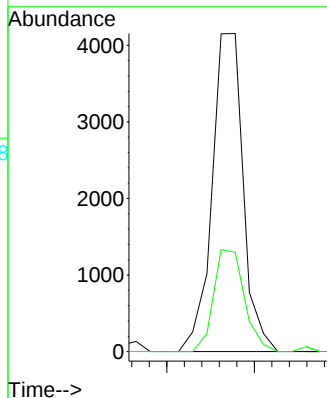
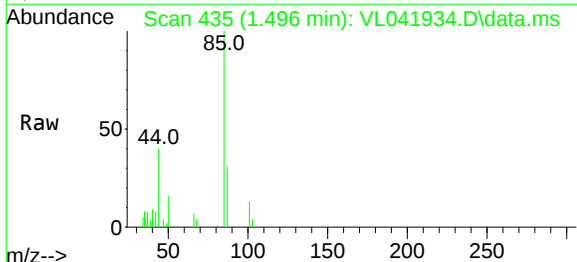
Manual Integrations
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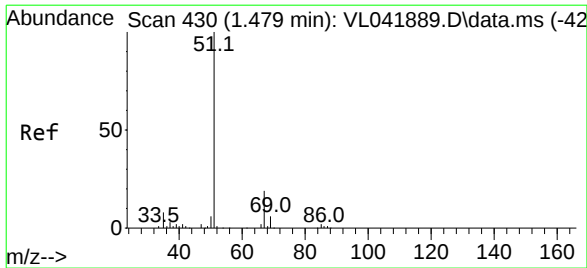
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#2
Dichlorodifluoromethane
Concen: 0.114 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.006 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

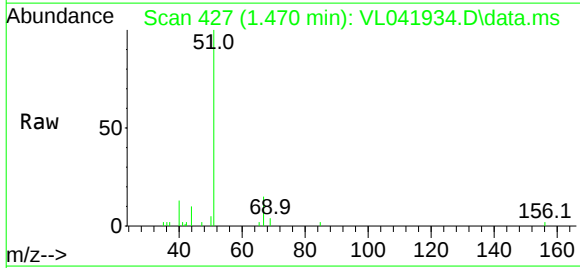
Tgt Ion: 85 Resp: 2056
Ion Ratio Lower Upper
85 100
87 31.2 24.9 37.3





#3
Chlorodifluoromethane
Concen: 0.132 ppbv
RT: 1.470 min Scan# 42
Delta R.T. -0.010 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

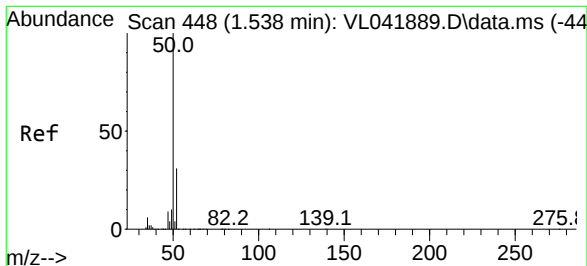
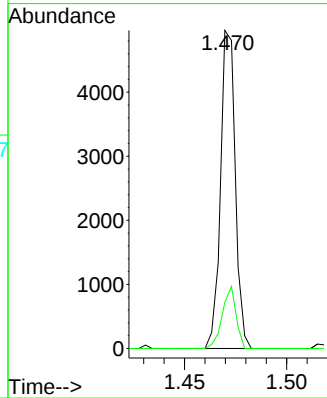
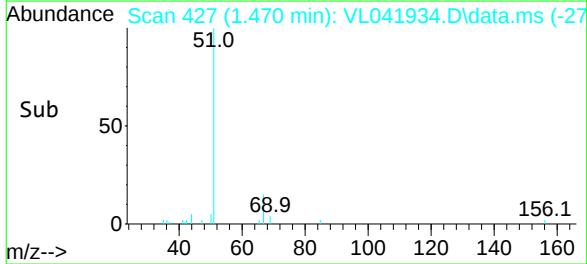
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 51 Resp: 2491
Ion Ratio Lower Upper
51 100
67 18.1 15.0 22.4

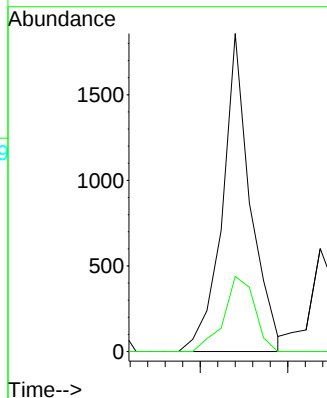
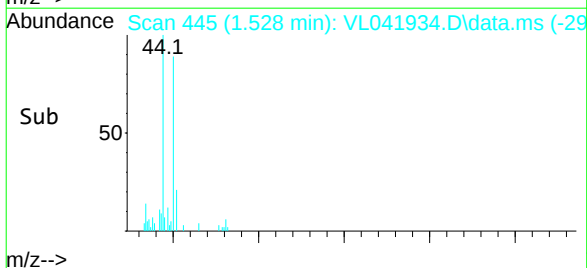
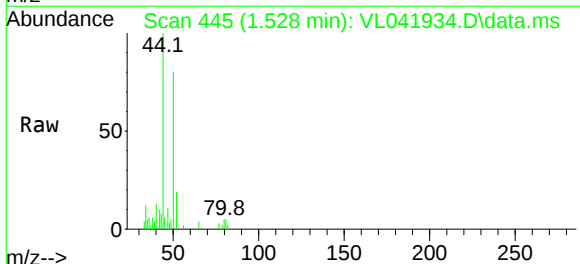
Manual Integrations
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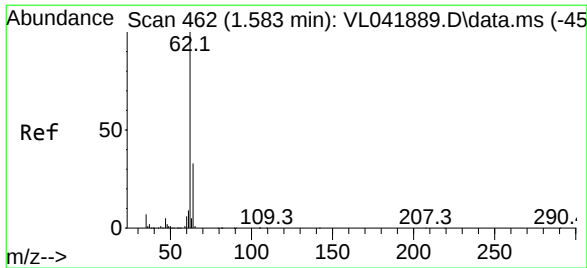
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#4
Chloromethane
Concen: 0.122 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.010 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

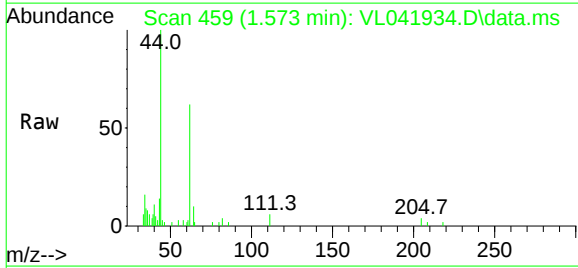
Tgt Ion: 50 Resp: 825
Ion Ratio Lower Upper
50 100
52 23.6 24.6 36.8#





#5
 Vinyl Chloride
 Concen: 0.130 ppbv
 RT: 1.573 min Scan# 451
 Delta R.T. -0.010 min
 Lab File: VL041934.D
 Acq: 20 Jan 2025 23:30

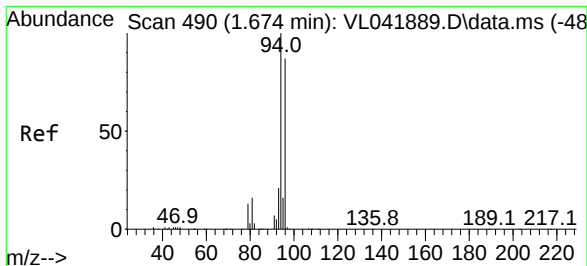
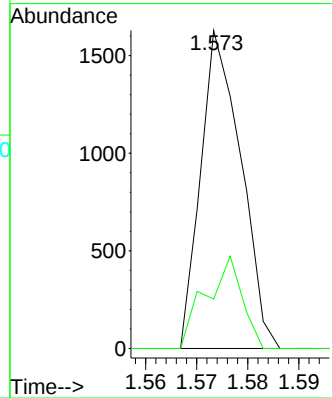
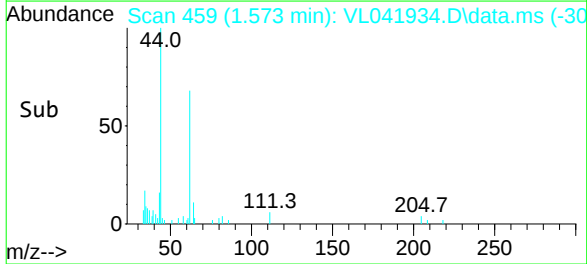
Instrument : MSVOA_L
 ClientSampleId : MDL 0.1



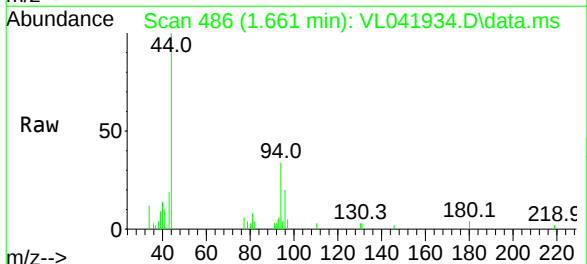
Tgt Ion: 62 Resp: 896
 Ion Ratio Lower Upper
 62 100
 64 15.5 26.1 39.1#

Manual Integrations
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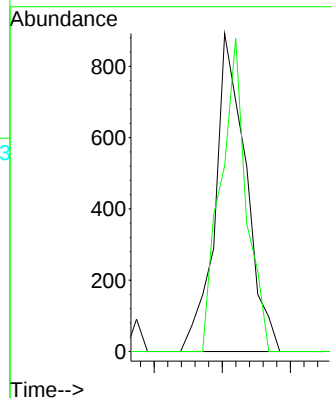
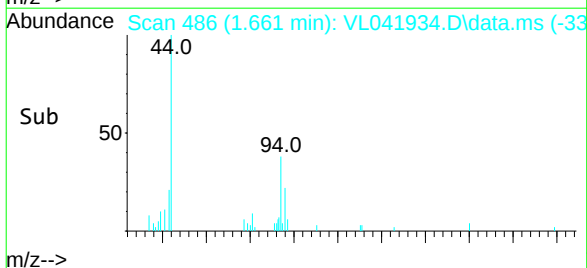
Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025

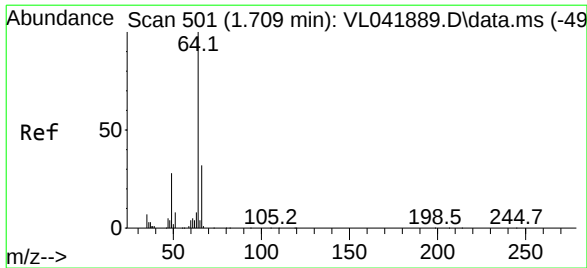


#6
 Bromomethane
 Concen: 0.172 ppbv
 RT: 1.661 min Scan# 486
 Delta R.T. -0.013 min
 Lab File: VL041934.D
 Acq: 20 Jan 2025 23:30



Tgt Ion: 94 Resp: 561
 Ion Ratio Lower Upper
 94 100
 96 52.5 69.5 104.3#





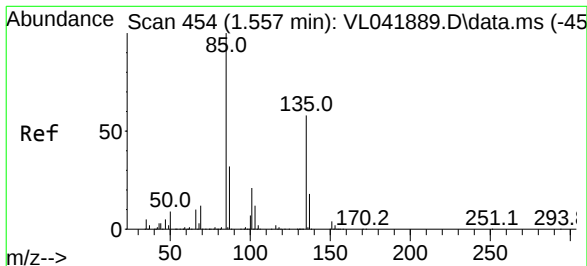
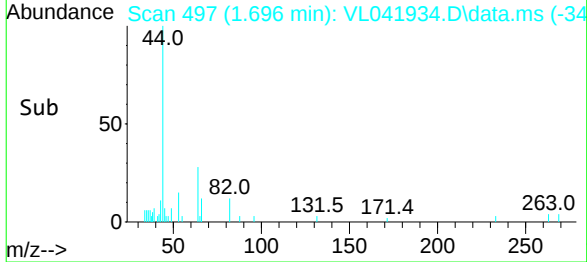
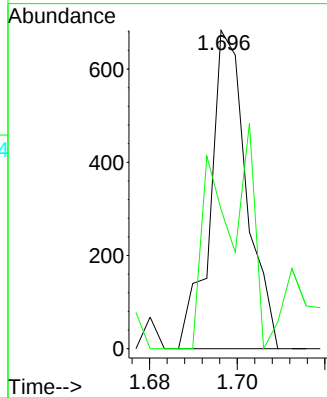
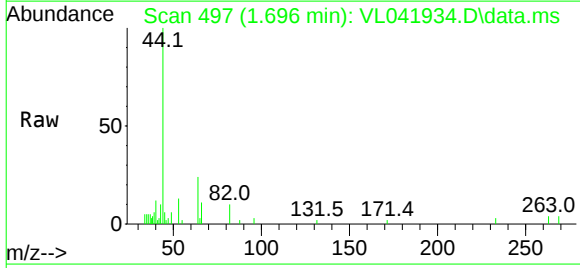
#7
Chloroethane
Concen: 0.147 ppbv
RT: 1.696 min Scan# 49
Delta R.T. -0.013 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 64 Resp: 391
Ion Ratio Lower Upper
64 100
66 43.8 25.7 38.5

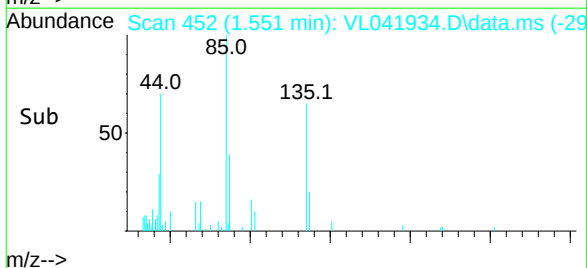
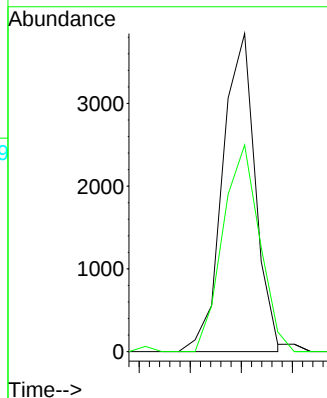
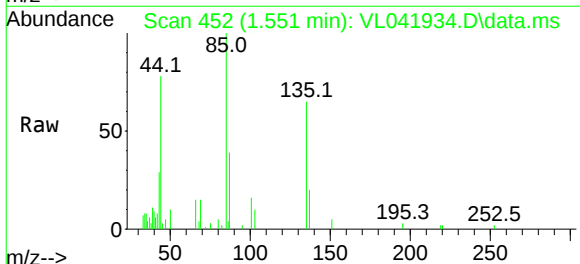
Manual Integrations
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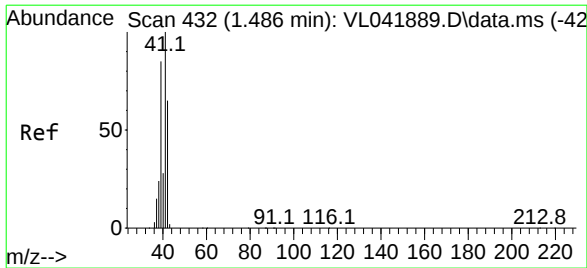
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#8
Dichlorotetrafluoroethane
Concen: 0.109 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.006 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

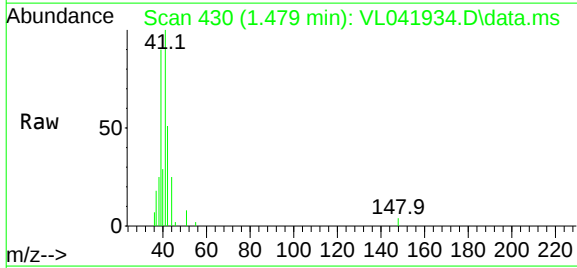
Tgt Ion: 85 Resp: 1706
Ion Ratio Lower Upper
85 100
135 74.1 50.0 75.0





#9
 Propene
 Concen: 0.144 ppbv m
 RT: 1.479 min Scan# 43
 Delta R.T. -0.006 min
 Lab File: VL041934.D
 Acq: 20 Jan 2025 23:30

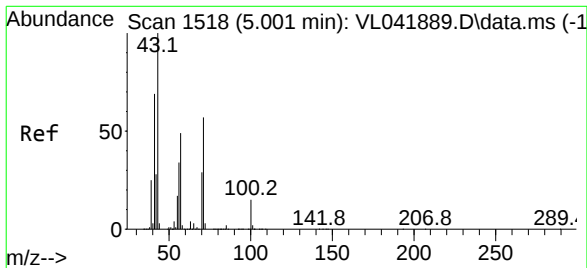
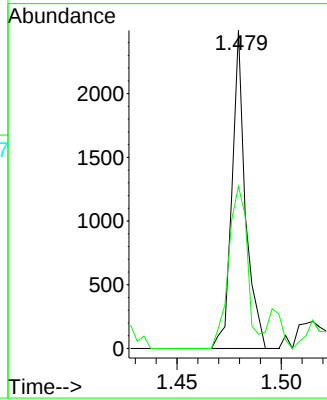
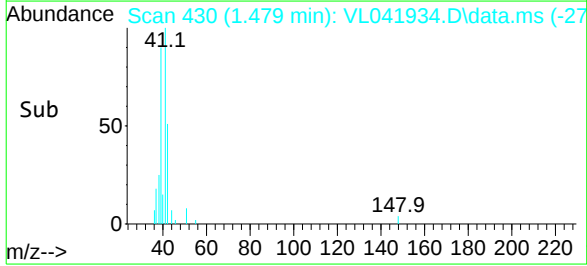
Instrument :
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Tgt Ion: 41 Resp: 1121
 Ion Ratio Lower Upper
 41 100
 42 28.8 52.0 78.0#

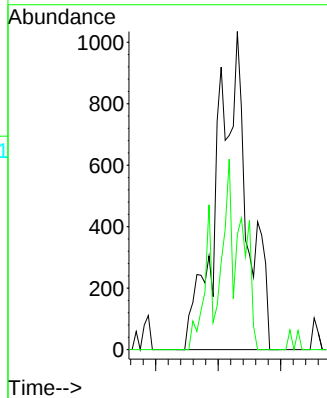
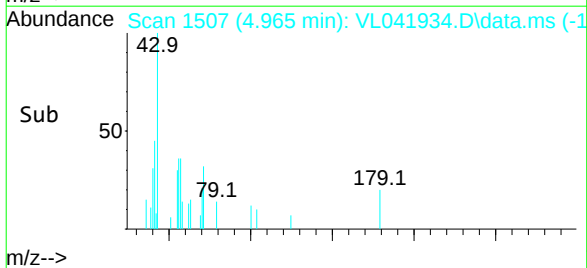
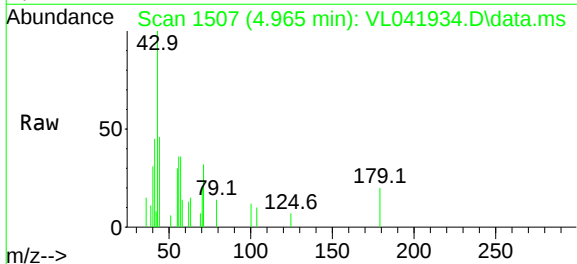
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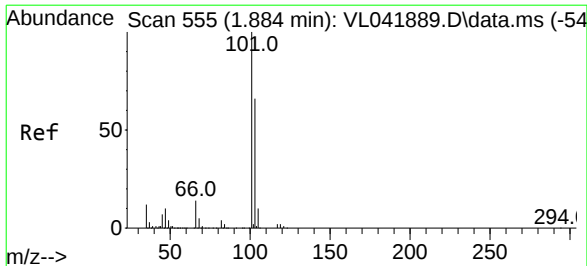
Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#10
 Heptane
 Concen: 0.084 ppbv m
 RT: 4.965 min Scan# 1507
 Delta R.T. -0.035 min
 Lab File: VL041934.D
 Acq: 20 Jan 2025 23:30

Tgt Ion: 43 Resp: 1749
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.0 61.4#





#11

Trichlorofluoromethane

Concen: 0.121 ppbv

RT: 1.871 min Scan# 555

Delta R.T. -0.013 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion:101 Resp: 2260

Ion Ratio Lower Upper

101 100

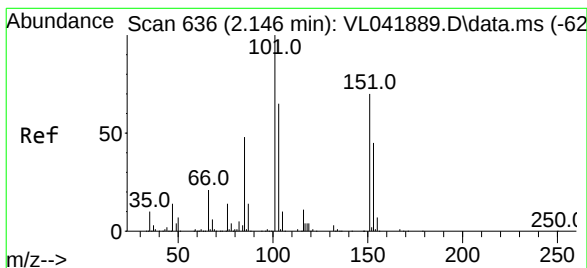
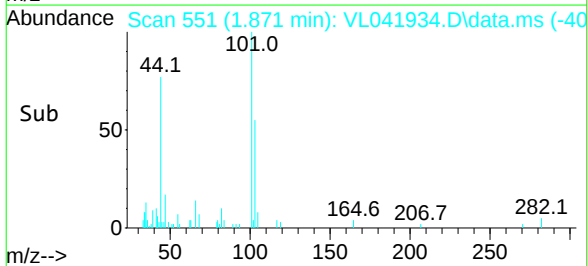
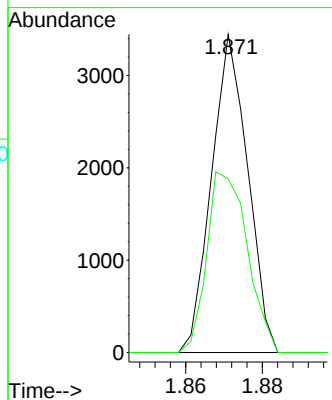
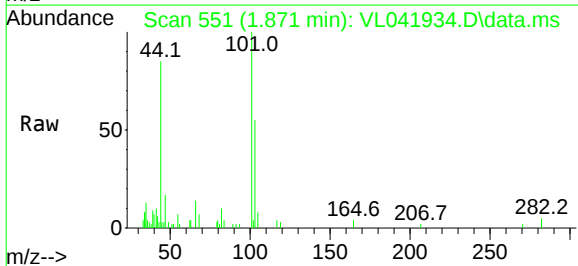
103 54.6 53.1 79.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/21/2025

Supervised By :Mahesh Dadoda 01/21/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.105 ppbv

RT: 2.133 min Scan# 632

Delta R.T. -0.013 min

Lab File: VL041934.D

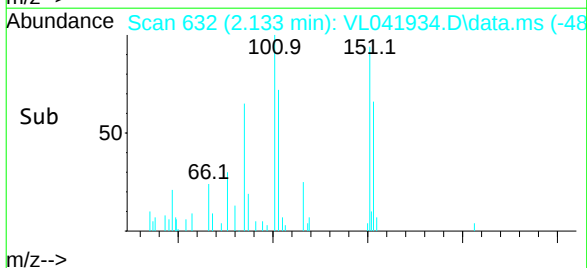
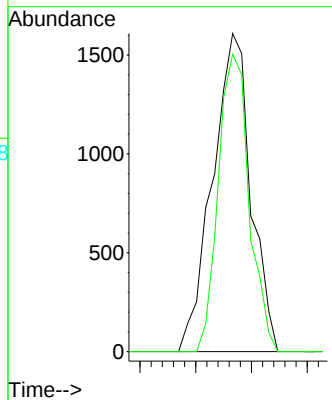
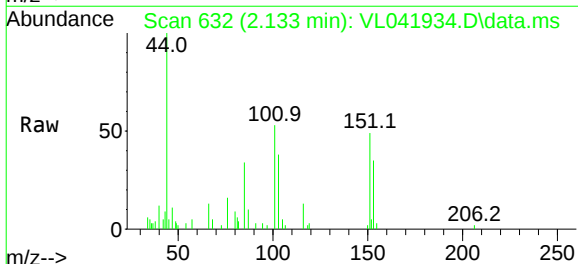
Acq: 20 Jan 2025 23:30

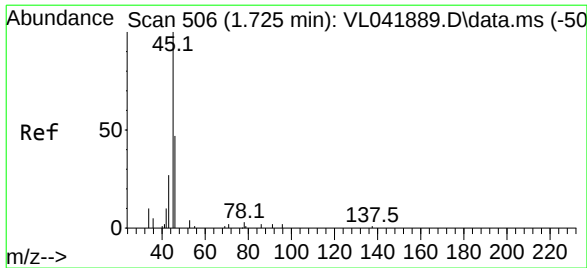
Tgt Ion:101 Resp: 1538

Ion Ratio Lower Upper

101 100

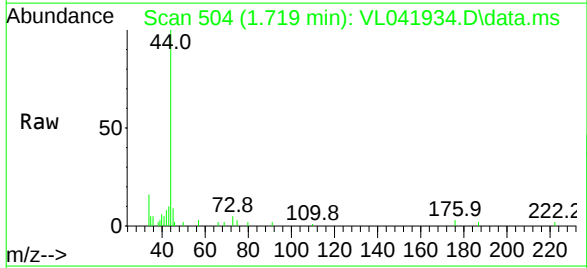
151 75.1 56.1 84.1





#13
Ethanol
Concen: 0.368 ppbv
RT: 1.719 min Scan# 506
Delta R.T. -0.006 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

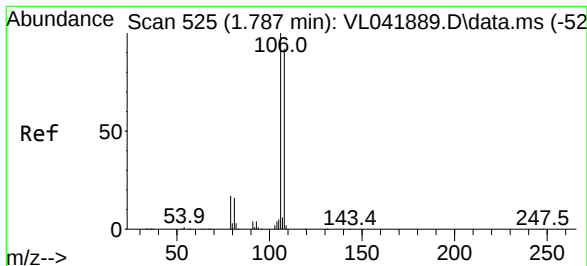
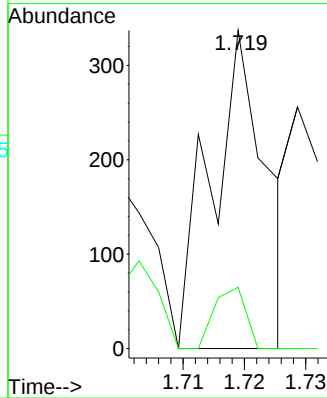
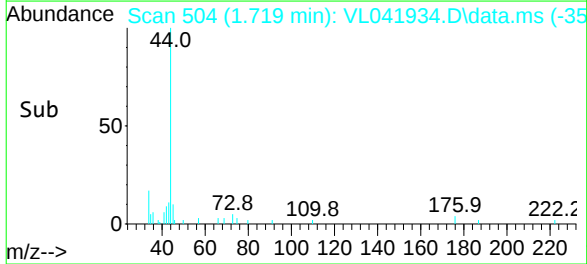
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



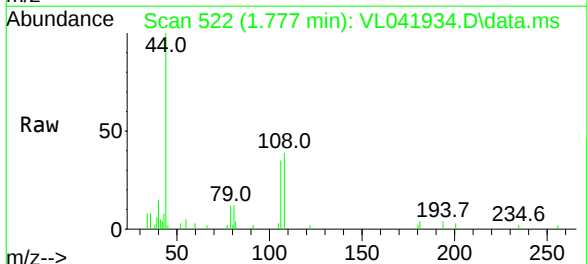
Tgt Ion: 45 Resp: 209
Ion Ratio Lower Upper
45 100
46 0.0 18.1 72.5#

Manual Integrations
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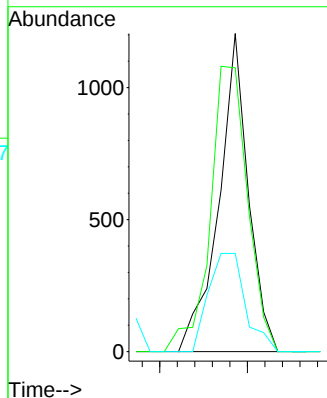
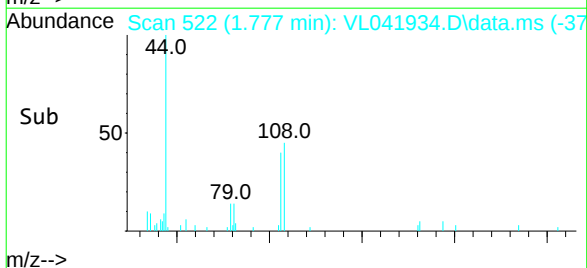
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

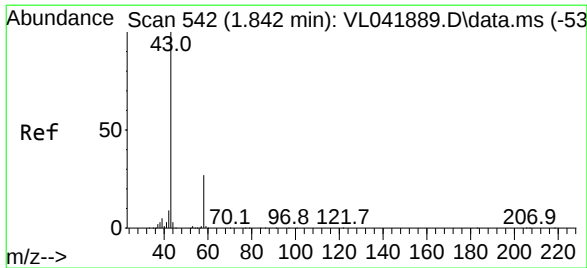


#14
Bromoethene
Concen: 0.105 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.010 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30



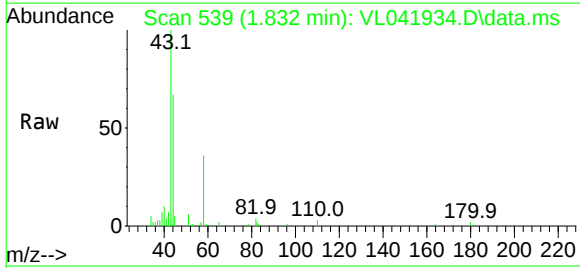
Tgt Ion:108 Resp: 563
Ion Ratio Lower Upper
108 100
106 122.2 85.5 128.3
79 59.7 15.3 22.9#





#15
Acetone
Concen: 0.187 ppbv
RT: 1.832 min Scan# 53
Delta R.T. -0.010 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

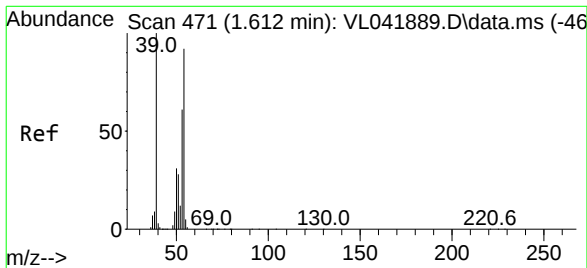
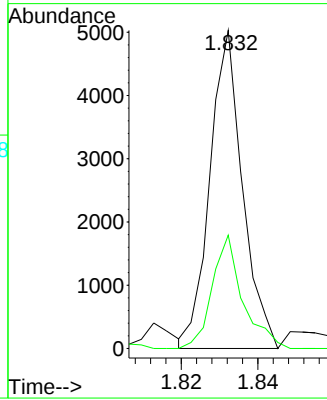
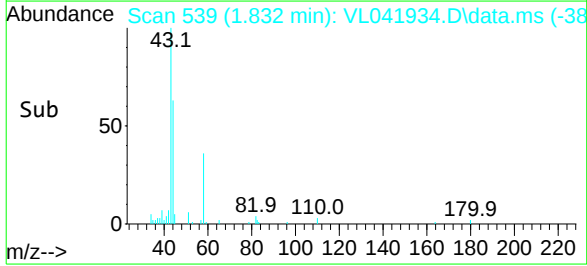
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



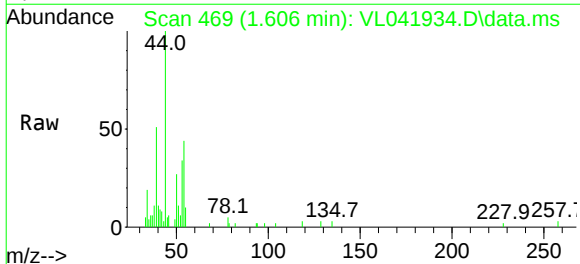
Tgt Ion: 43 Resp: 2963
Ion Ratio Lower Upper
43 100
58 34.2 21.9 32.9#

Manual Integrations
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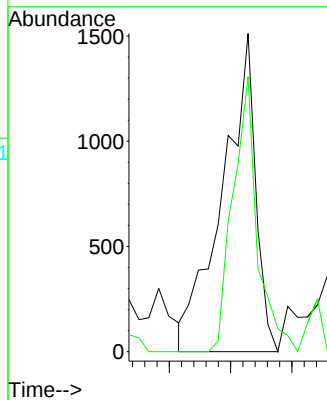
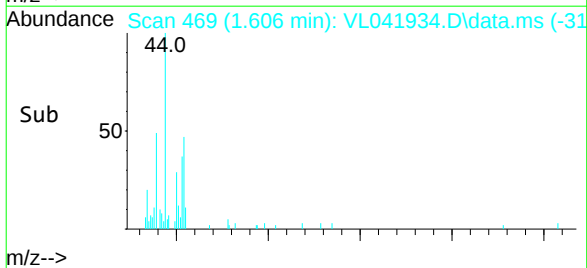
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

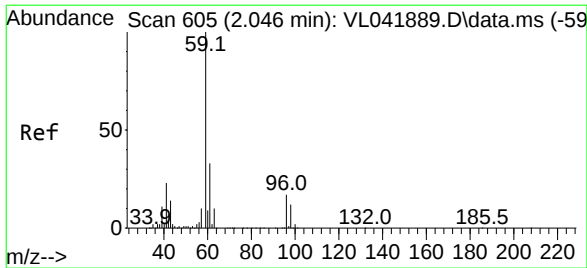


#16
1,3-Butadiene
Concen: 0.159 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.006 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30



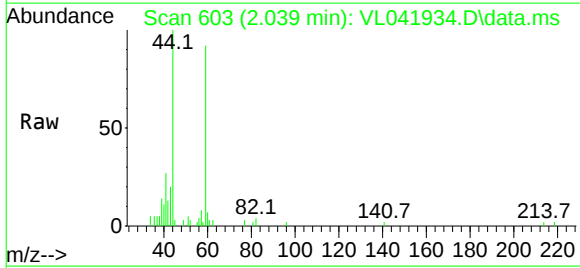
Tgt Ion: 39 Resp: 1134
Ion Ratio Lower Upper
39 100
54 77.1 61.6 92.4





#17
tert-Butyl alcohol
Concen: 0.095 ppbv
RT: 2.039 min Scan# 605
Delta R.T. -0.006 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

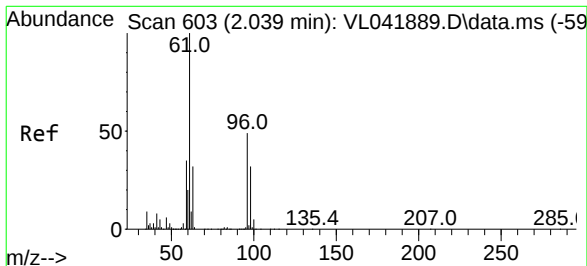
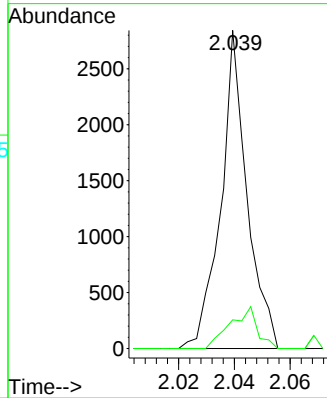
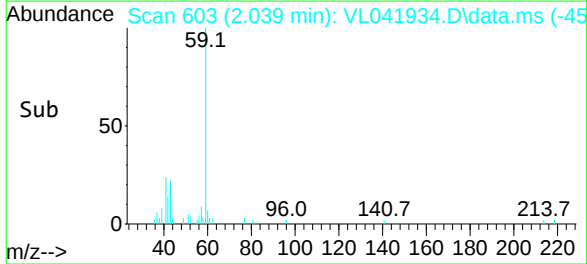
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



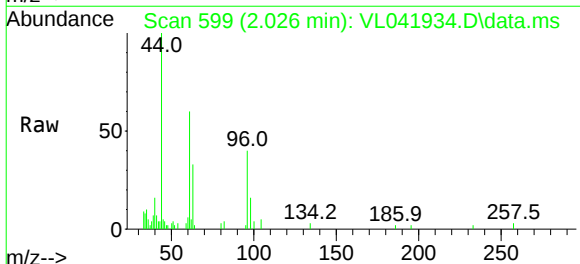
Tgt Ion: 59 Resp: 1849
Ion Ratio Lower Upper
59 100
57 13.6 7.8 11.8#

Manual Integrations
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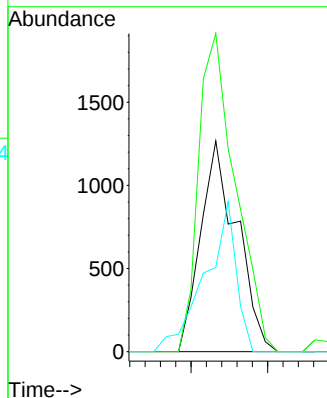
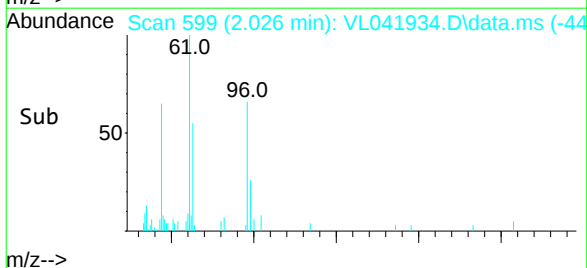
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

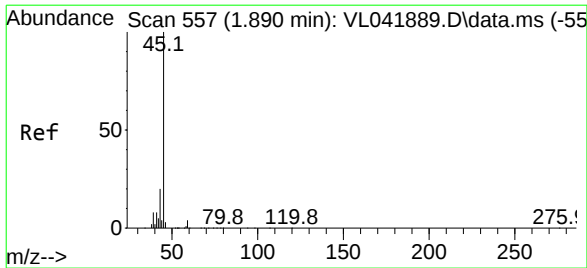


#18
1,1-Dichloroethene
Concen: 0.126 ppbv
RT: 2.026 min Scan# 599
Delta R.T. -0.013 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30



Tgt Ion: 96 Resp: 835
Ion Ratio Lower Upper
96 100
61 151.0 163.1 244.7#
98 39.9 52.7 79.1#





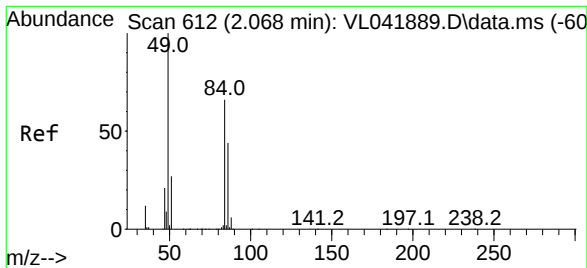
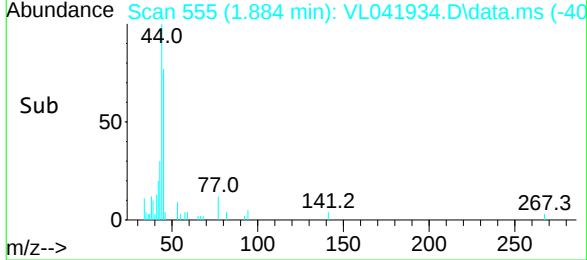
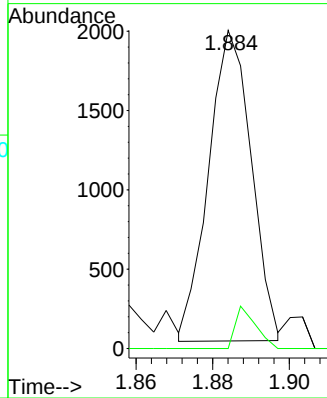
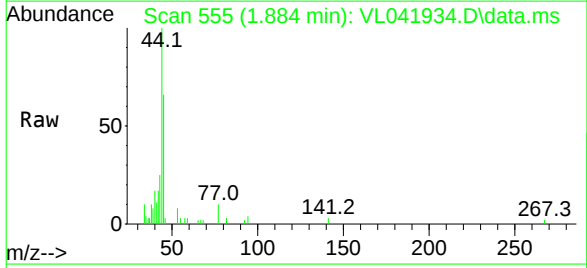
#19
Isopropyl Alcohol
Concen: 0.161 ppbv
RT: 1.884 min Scan# 557
Delta R.T. -0.006 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Instrument : MSVOA_L
ClientSampleId : MDL 0.1

Tgt Ion: 45 Resp: 1514
Ion Ratio Lower Upper
45 100
58 6.5 35.0 52.6#

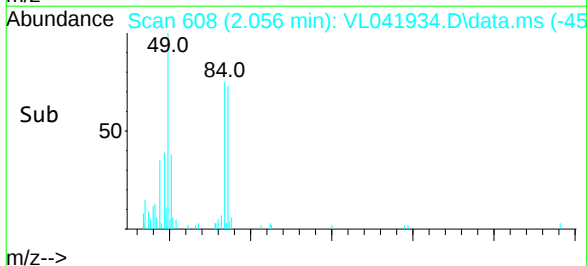
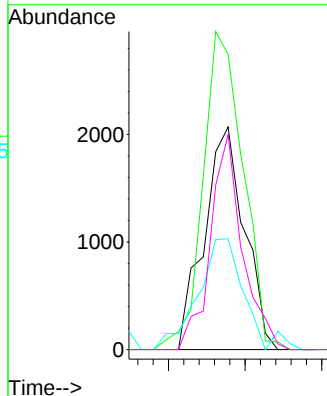
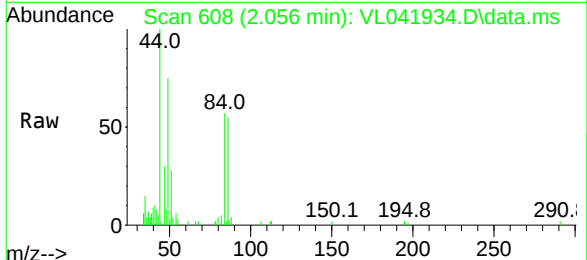
Manual Integrations
APPROVED

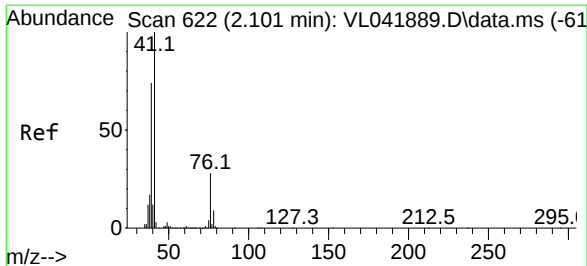
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#20
Methylene Chloride
Concen: 0.241 ppbv
RT: 2.056 min Scan# 608
Delta R.T. -0.013 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Tgt Ion: 84 Resp: 1512
Ion Ratio Lower Upper
84 100
49 129.1 123.1 184.7
51 42.6 35.8 53.8
86 101.8 53.7 80.5#





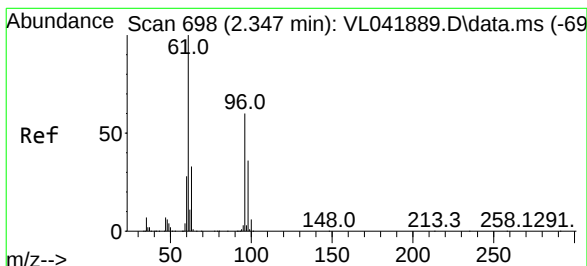
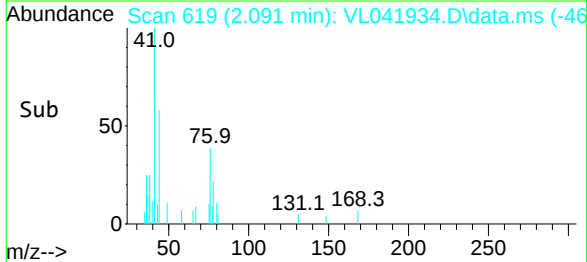
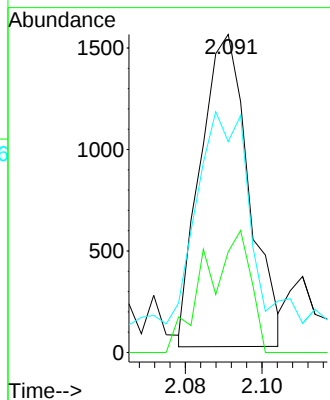
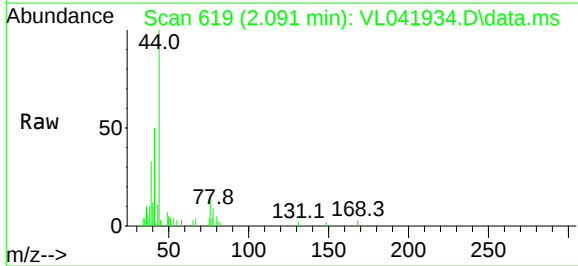
#21
 Allyl Chloride
 Concen: 0.123 ppbv
 RT: 2.091 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL041934.D
 Acq: 20 Jan 2025 23:30

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Tgt Ion: 41	Resp: 1348
Ion Ratio Lower Upper	
41 100	
76 36.4 24.2 36.4	
39 120.5 60.6 91.0	

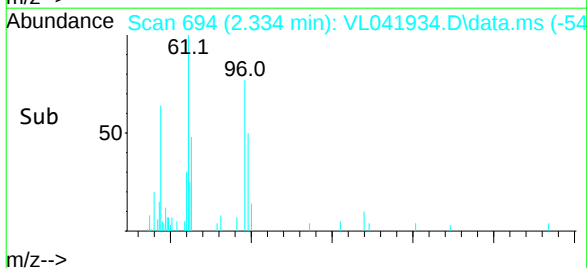
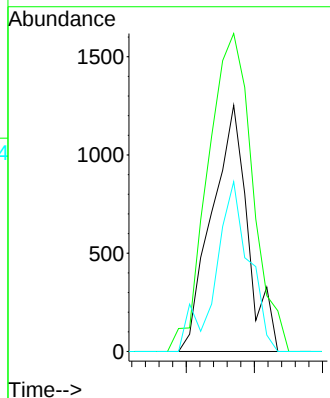
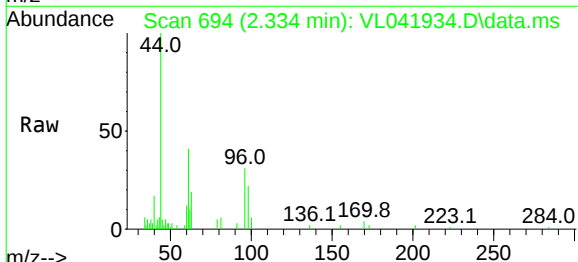
Manual Integrations
 APPROVED

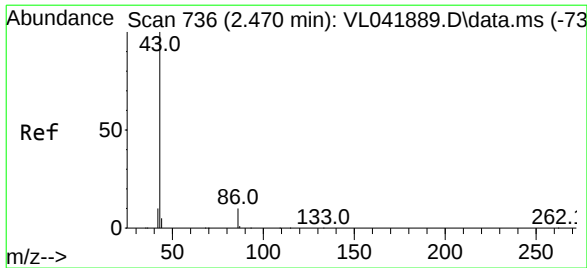
Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#22
 trans-1,2-Dichloroethene
 Concen: 0.123 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. -0.013 min
 Lab File: VL041934.D
 Acq: 20 Jan 2025 23:30

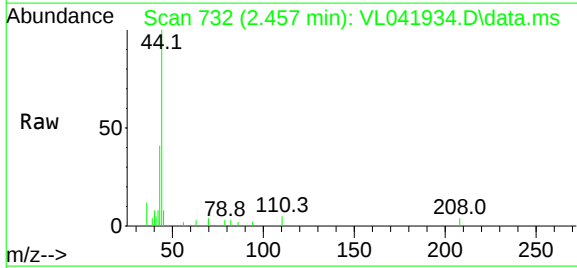
Tgt Ion: 96	Resp: 920
Ion Ratio Lower Upper	
96 100	
61 119.8 134.5 201.7	
98 69.0 48.9 73.3	





#23
 Vinyl Acetate
 Concen: 0.219 ppbv m
 RT: 2.457 min Scan# 73
 Delta R.T. -0.013 min
 Lab File: VL041934.D
 Acq: 20 Jan 2025 23:30

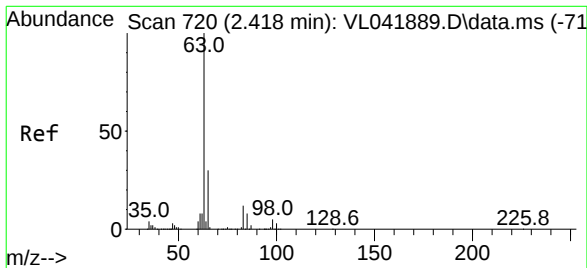
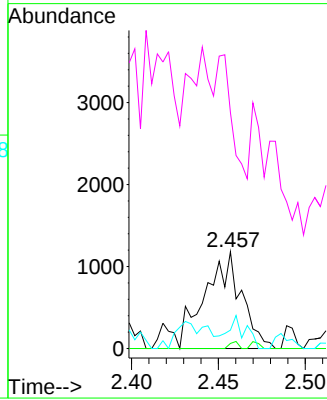
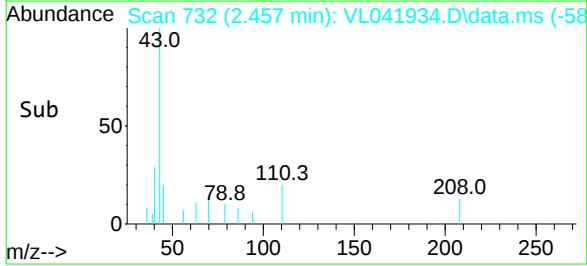
Instrument : MSVOA_L
 ClientSampleId : MDL 0.1



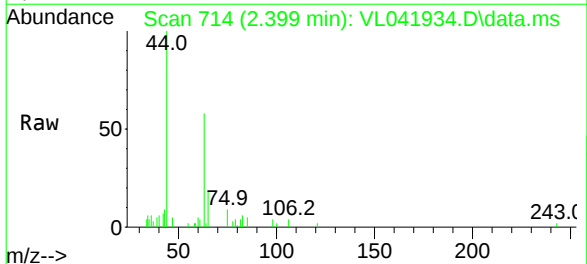
Tgt Ion	Ratio	Lower	Upper
43	100		
86	5.2	6.2	9.4
42	19.0	8.5	12.7
44	243.7	4.8	7.2

Manual Integrations
 APPROVED

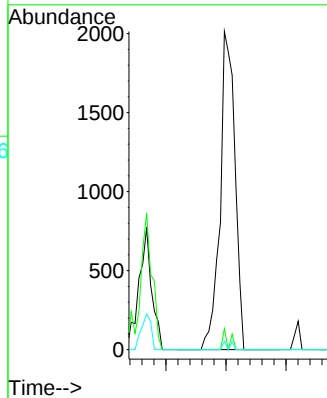
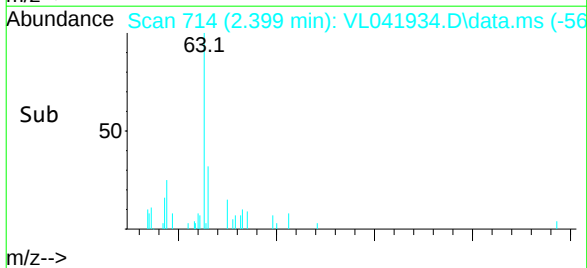
Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025

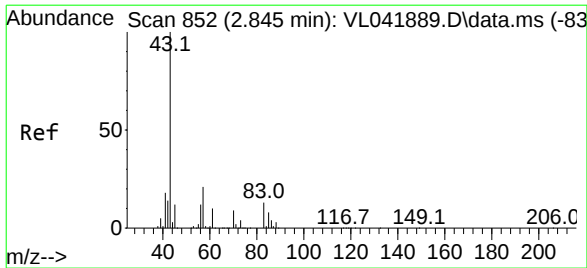


#24
 1,1-Dichloroethane
 Concen: 0.120 ppbv m
 RT: 2.399 min Scan# 714
 Delta R.T. -0.019 min
 Lab File: VL041934.D
 Acq: 20 Jan 2025 23:30



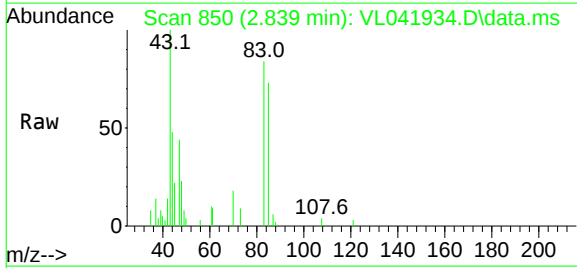
Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.6	2.6	7.8
100	2.6	1.4	4.2





#25
Ethyl Acetate
Concen: 0.095 ppbv m
RT: 2.839 min Scan# 851
Delta R.T. -0.006 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

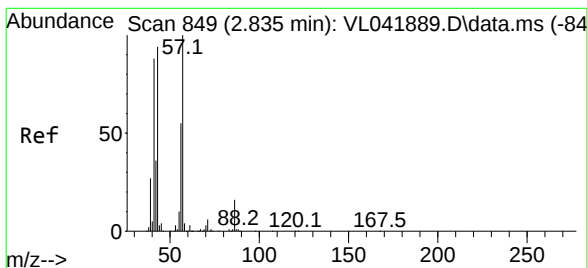
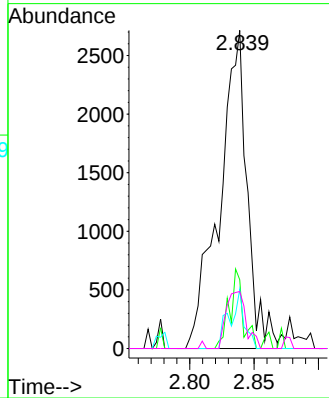
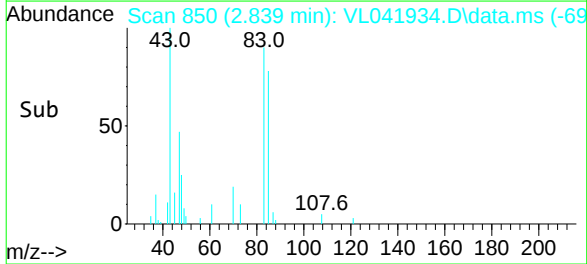
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



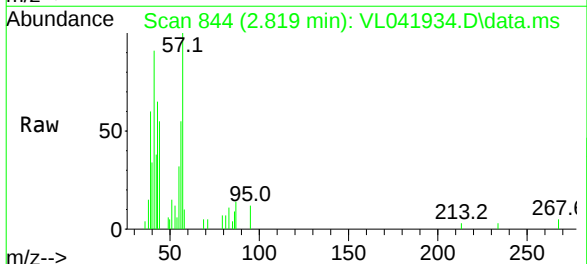
Tgt Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.2#
61	0.0	7.4	11.0#
70	0.0	7.0	10.4#

Manual Integrations
APPROVED

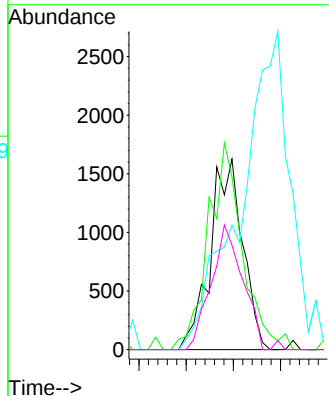
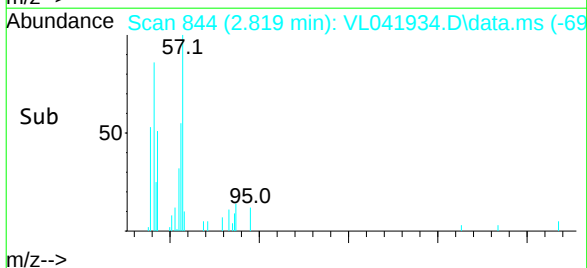
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

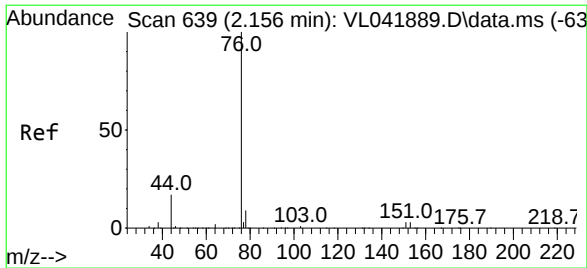


#26
Hexane
Concen: 0.092 ppbv
RT: 2.819 min Scan# 844
Delta R.T. -0.016 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30



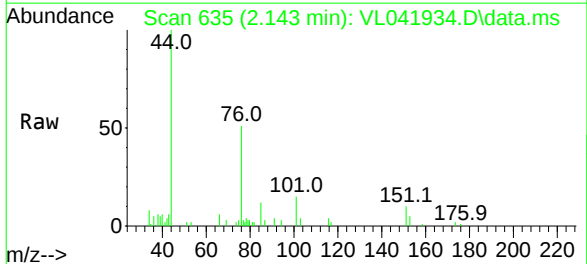
Tgt Ion	Ratio	Lower	Upper
57	100		
41	117.4	73.8	110.8#
43	280.3	197.3	295.9
56	64.9	42.7	64.1#





#27
Carbon Disulfide
Concen: 0.096 ppbv
RT: 2.143 min Scan# 639
Delta R.T. -0.013 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

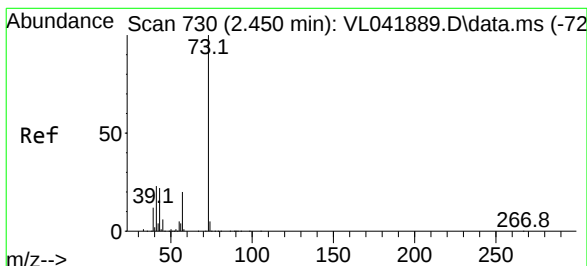
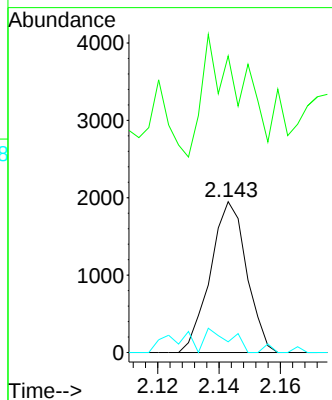
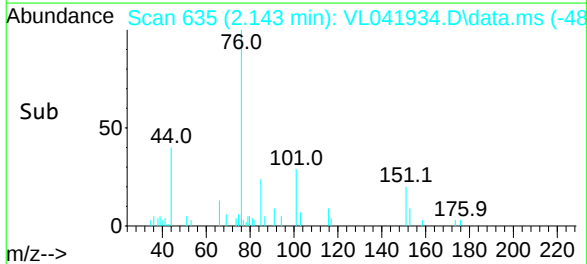
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



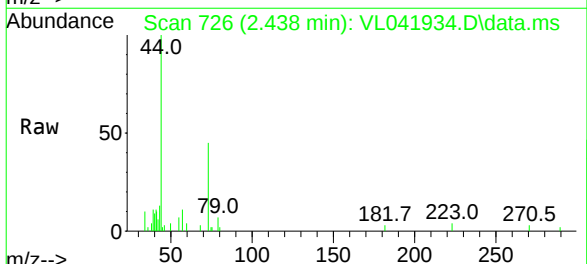
Tgt Ion: 76 Resp: 1603
Ion Ratio Lower Upper
76 100
44 299.8 15.4 23.0#
78 21.7 9.3 13.9#

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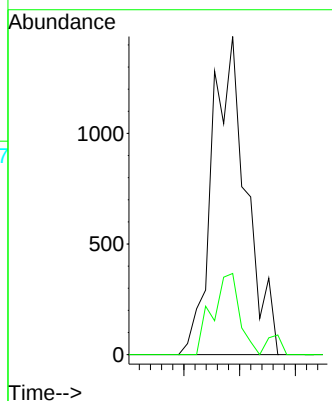
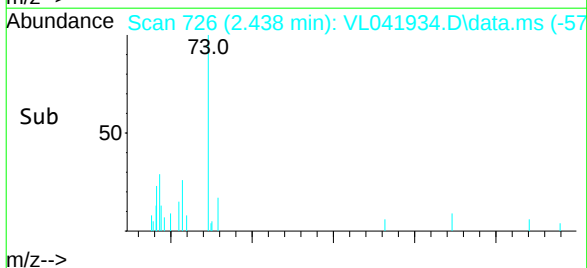
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

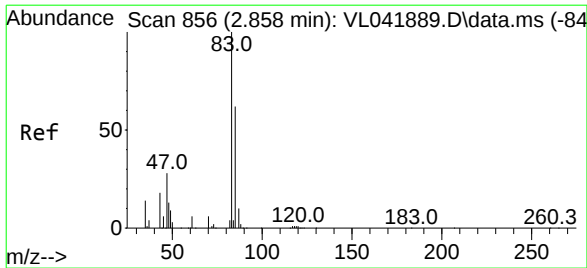


#28
Methyl tert-Butyl Ether
Concen: 0.095 ppbv
RT: 2.438 min Scan# 726
Delta R.T. -0.013 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30



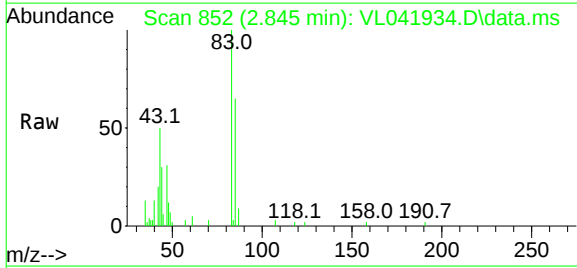
Tgt Ion: 73 Resp: 1222
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1





#29
Chloroform
Concen: 0.117 ppbv m
RT: 2.845 min Scan# 85
Delta R.T. -0.013 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

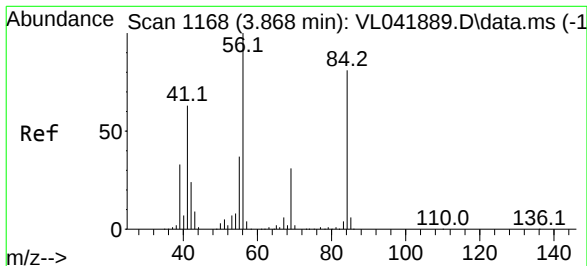
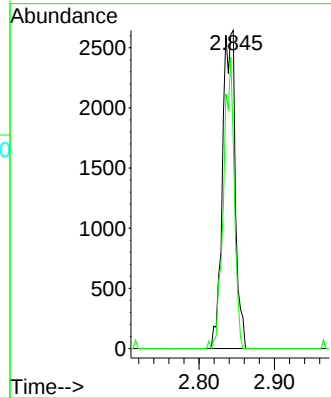
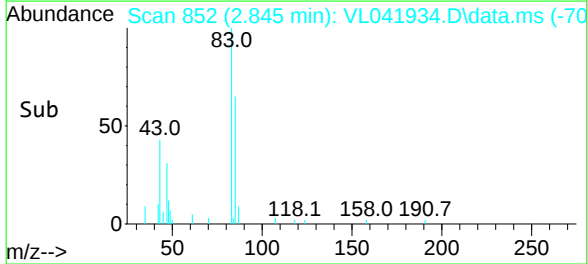
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 83 Resp: 3120
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1

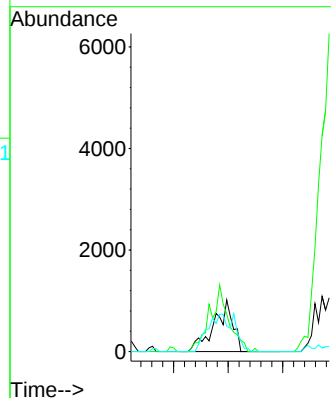
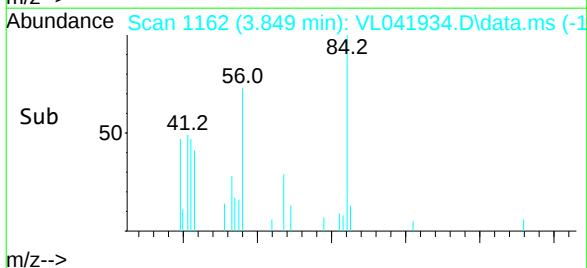
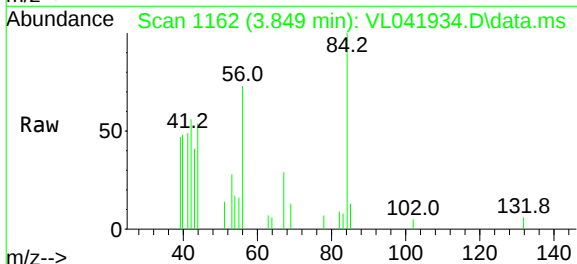
Manual Integrations
APPROVED

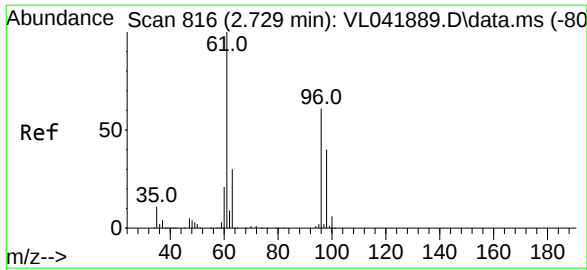
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#30
Cyclohexane
Concen: 0.083 ppbv m
RT: 3.849 min Scan# 1162
Delta R.T. -0.019 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Tgt Ion: 84 Resp: 1219
Ion Ratio Lower Upper
84 100
56 132.1 99.3 148.9
41 0.0 64.3 96.5#





#31

cis-1,2-Dichloroethene

Concen: 0.097 ppbv

RT: 2.716 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL041934.D

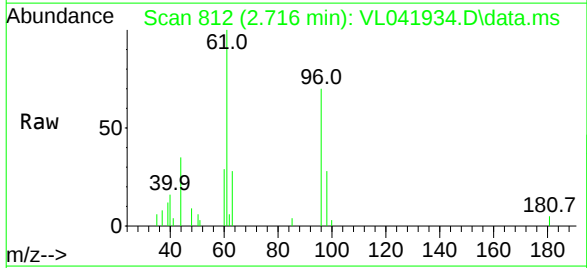
Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

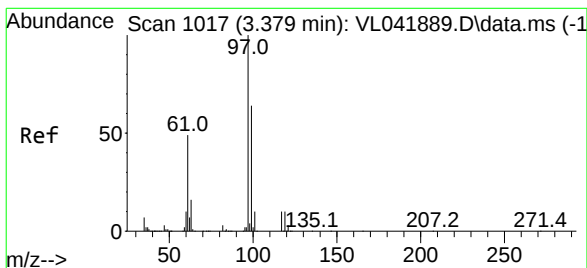
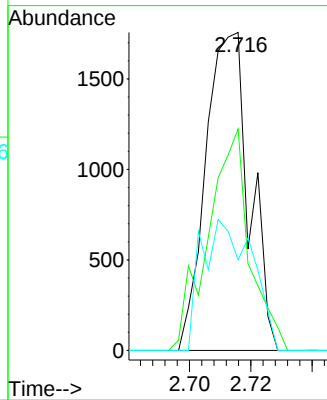
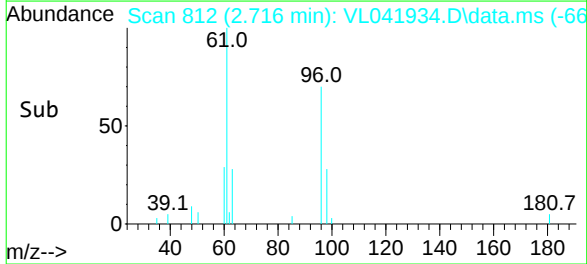


Tgt Ion:	61	Resp:	1733
Ion	Ratio	Lower	Upper
61	100		
96	66.4	48.7	73.1
98	28.5	31.6	47.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#32

1,1,1-Trichloroethane

Concen: 0.109 ppbv m

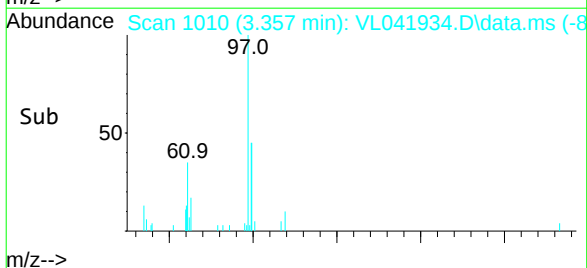
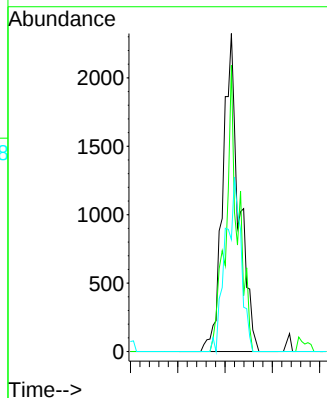
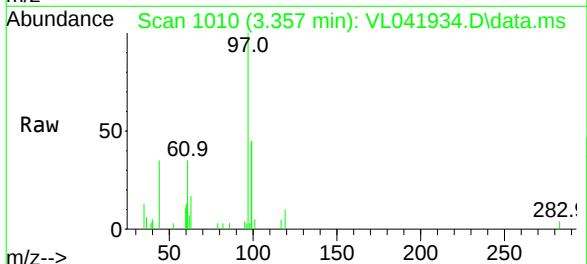
RT: 3.357 min Scan# 1010

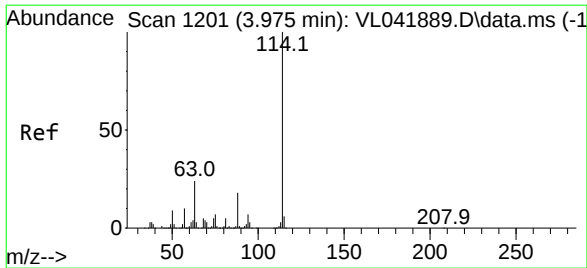
Delta R.T. -0.023 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

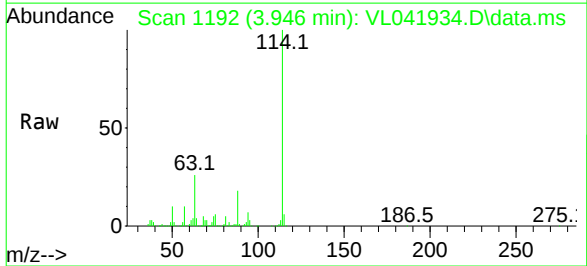
Tgt Ion:	97	Resp:	2783
Ion	Ratio	Lower	Upper
97	100		
99	68.1	51.1	76.7
61	52.4	39.0	58.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.946 min Scan# 111
Delta R.T. -0.029 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

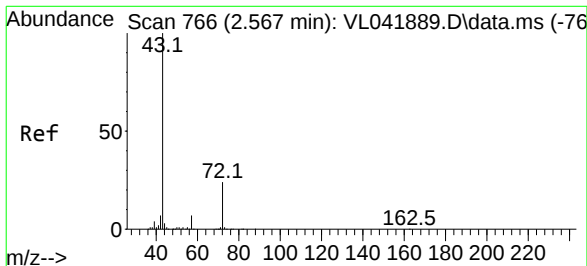
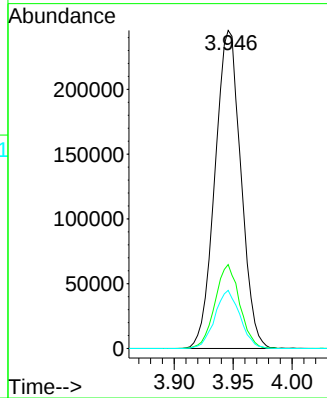
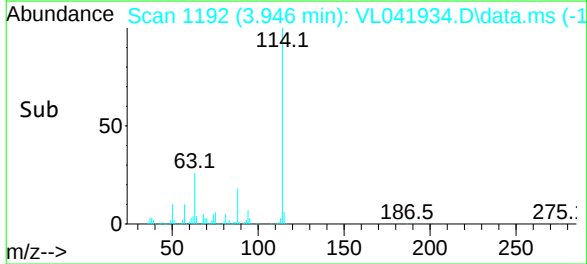
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 114 Resp: 375060
Ion Ratio Lower Upper
114 100
63 25.2 19.8 29.6
88 17.7 14.4 21.6

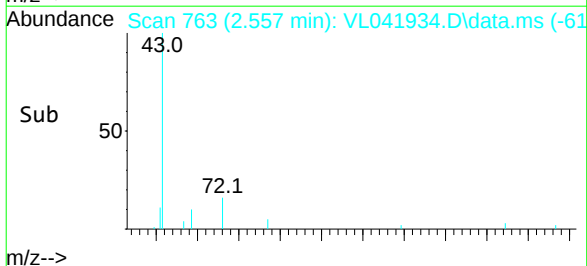
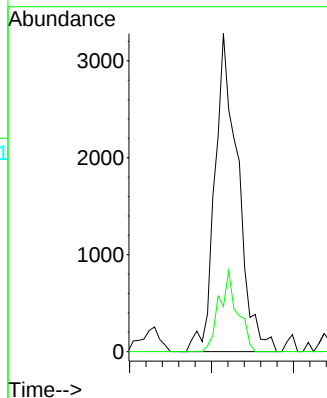
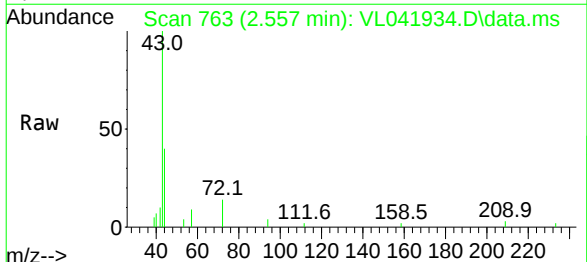
Manual Integrations
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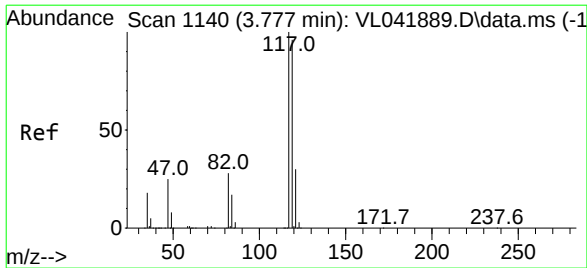
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#34
2-Butanone
Concen: 0.135 ppbv m
RT: 2.557 min Scan# 763
Delta R.T. -0.010 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

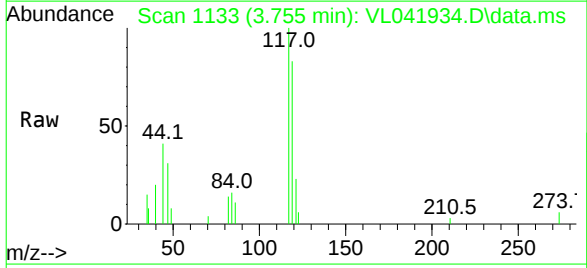
Tgt Ion: 43 Resp: 3222
Ion Ratio Lower Upper
43 100
72 0.0 18.6 28.0#





#35
Carbon Tetrachloride
Concen: 0.104 ppbv m
RT: 3.755 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

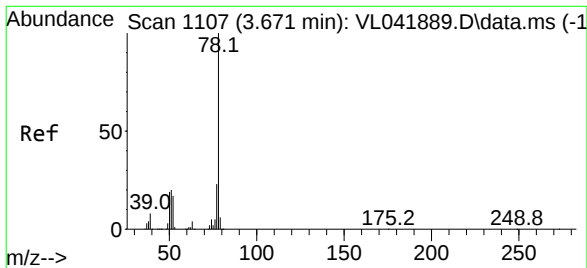
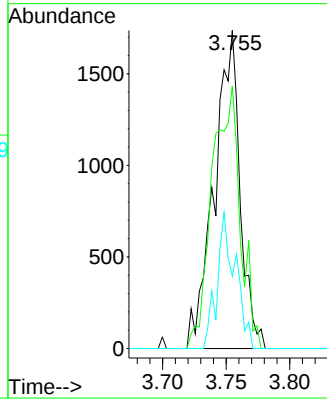
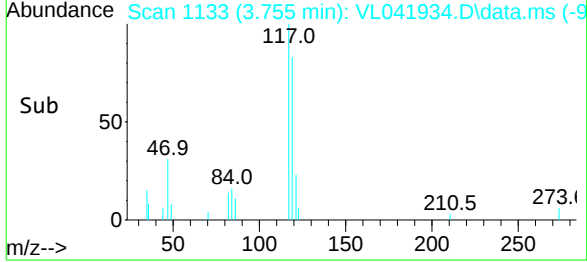
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



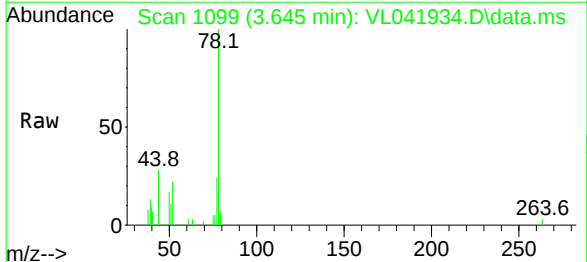
Tgt Ion: 117 Resp: 2446
Ion Ratio Lower Upper
117 100
119 82.6 76.9 115.3
121 22.7 23.8 35.6#

Manual Integrations
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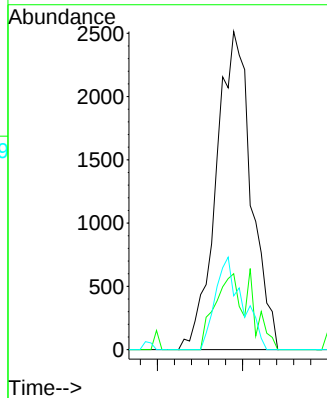
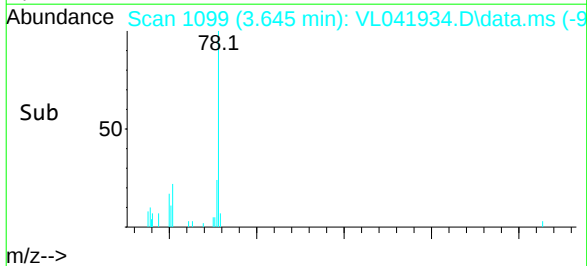
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

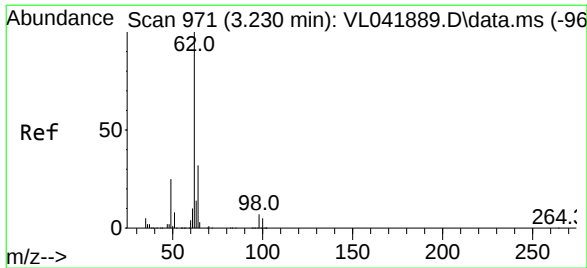


#36
Benzene
Concen: 0.105 ppbv
RT: 3.645 min Scan# 1099
Delta R.T. -0.026 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30



Tgt Ion: 78 Resp: 3602
Ion Ratio Lower Upper
78 100
77 23.9 18.1 27.1
50 16.9 15.2 22.8





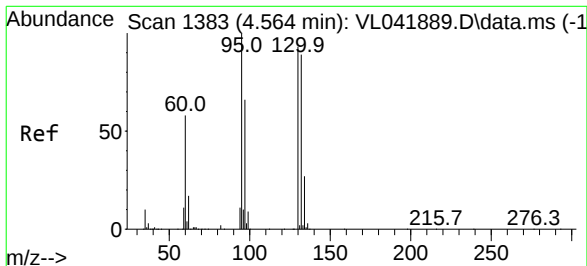
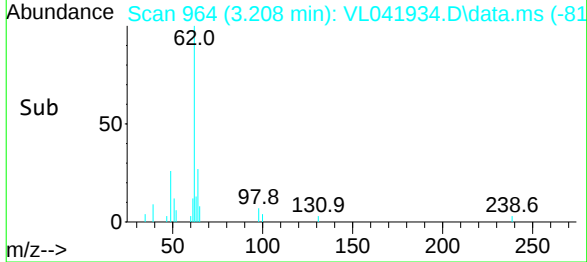
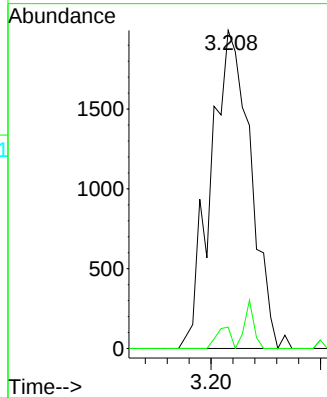
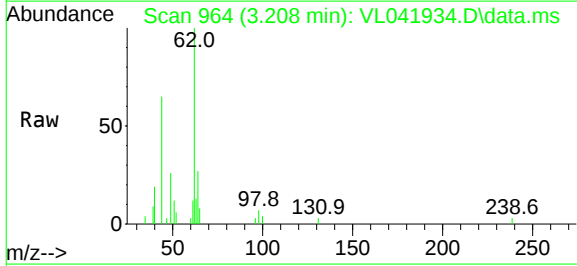
#37
1,2-Dichloroethane
Concen: 0.130 ppbv
RT: 3.208 min Scan# 96
Delta R.T. -0.023 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 62 Resp: 2502
Ion Ratio Lower Upper
62 100
98 6.0 5.4 8.0

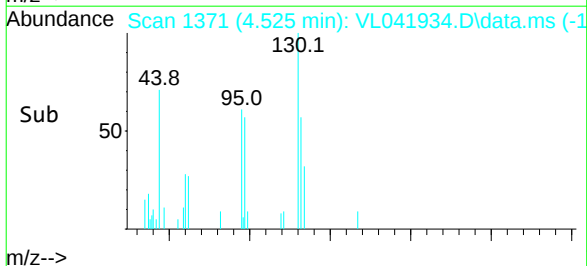
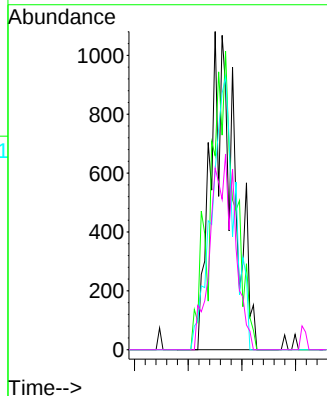
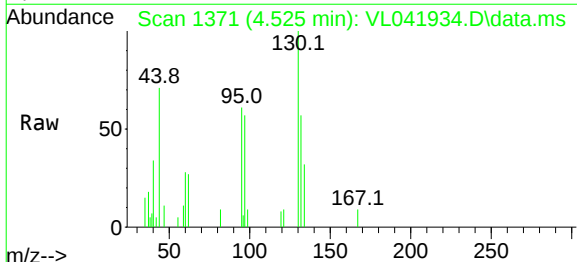
Manual Integrations
APPROVED

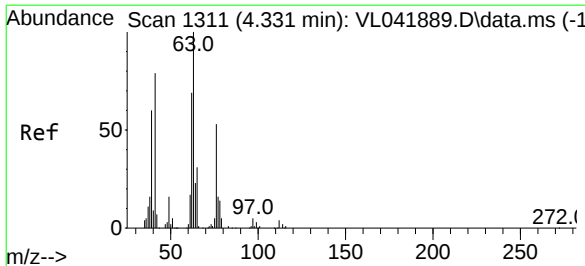
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#38
Trichloroethene
Concen: 0.122 ppbv m
RT: 4.525 min Scan# 1371
Delta R.T. -0.039 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

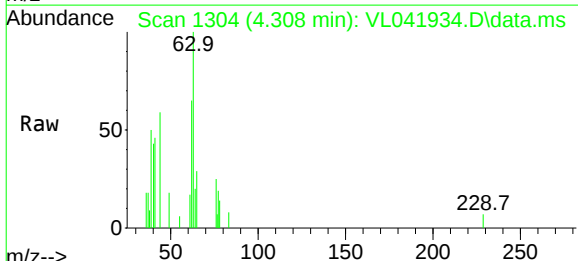
Tgt Ion:130 Resp: 1659
Ion Ratio Lower Upper
130 100
95 61.0 85.8 128.8#
132 56.5 76.5 114.7#
97 57.0 56.8 85.2





#39
1,2-Dichloropropane
Concen: 0.121 ppbv m
RT: 4.308 min Scan# 1311
Delta R.T. -0.023 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

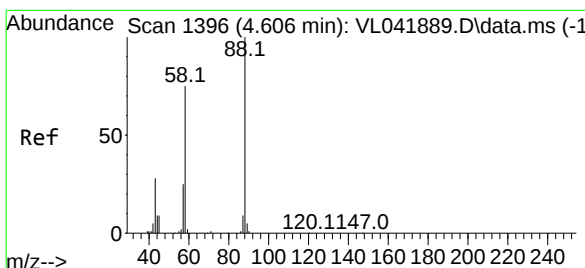
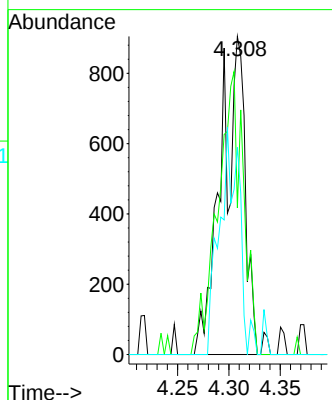
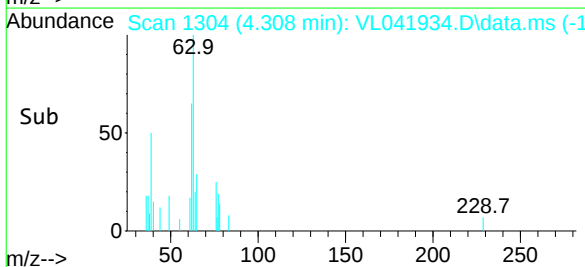
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



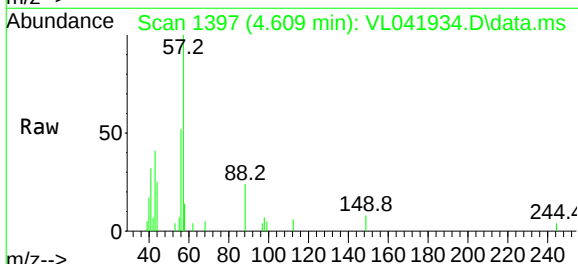
Tgt Ion: 63 Resp: 1466
Ion Ratio Lower Upper
63 100
41 46.1 63.7 95.5#
62 65.1 55.4 83.2

Manual Integrations
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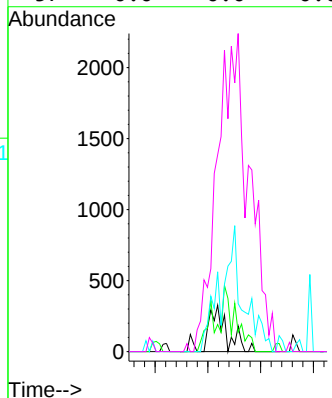
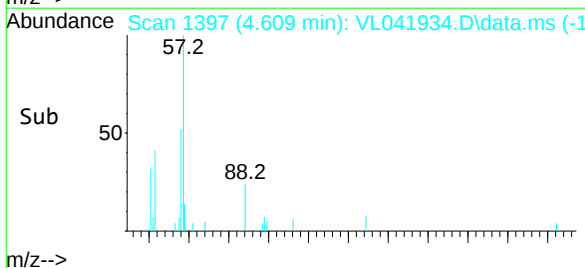
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

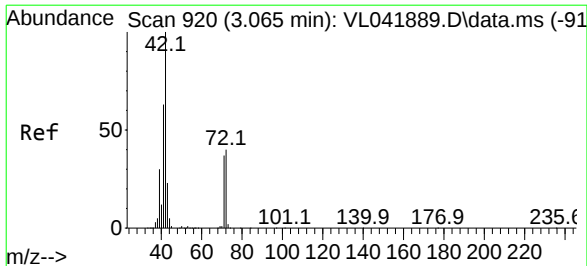


#40
1,4-Dioxane
Concen: 0.065 ppbv m
RT: 4.609 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30



Tgt Ion: 88 Resp: 396
Ion Ratio Lower Upper
88 100
58 0.0 62.1 93.1#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.109 ppbv m

RT: 3.065 min Scan# 92

Delta R.T. 0.000 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

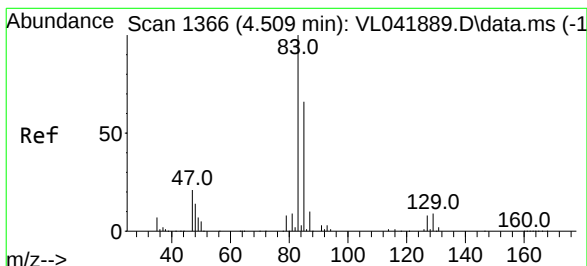
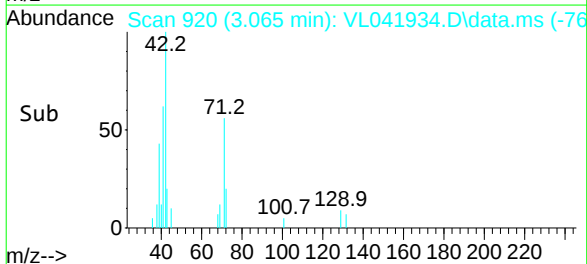
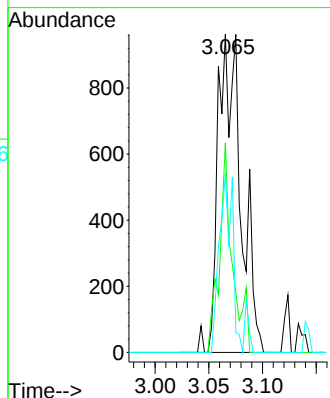
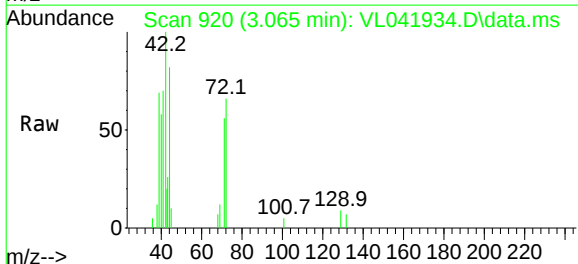
ClientSampleId :

MDL 0.1

Tgt Ion: 42	Resp: 1418
Ion Ratio	Lower Upper
42 100	
72 37.9	32.3 48.5
71 35.5	29.9 44.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#42

Bromodichloromethane

Concen: 0.110 ppbv m

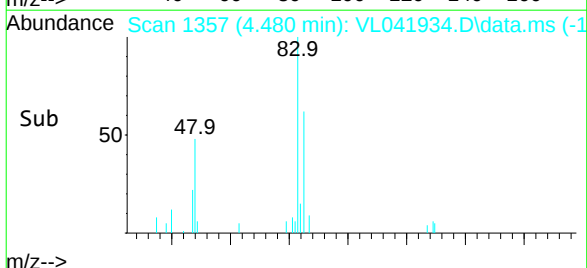
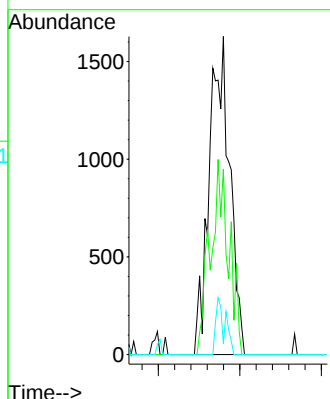
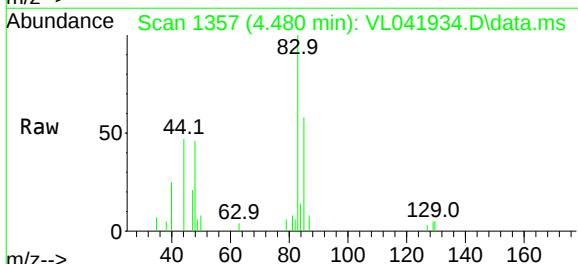
RT: 4.480 min Scan# 1357

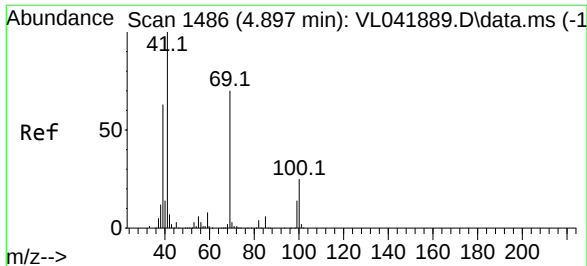
Delta R.T. -0.029 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Tgt Ion: 83	Resp: 2842
Ion Ratio	Lower Upper
83 100	
85 58.3	52.6 78.8
127 3.3	6.4 9.6#





#43

Methyl Methacrylate

Concen: 0.088 ppbv m

RT: 4.865 min Scan# 14

Delta R.T. -0.032 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

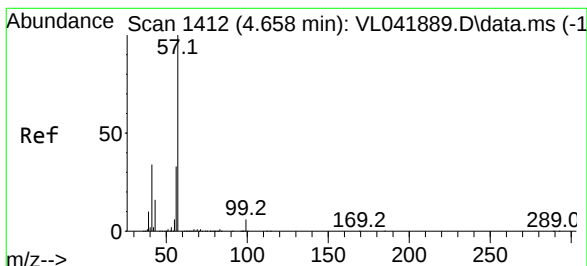
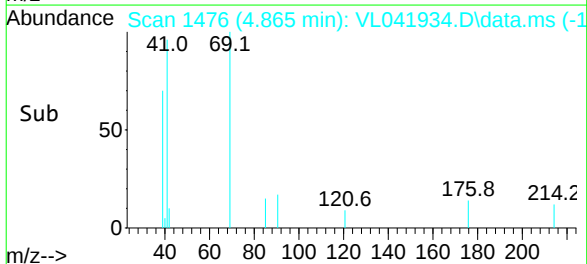
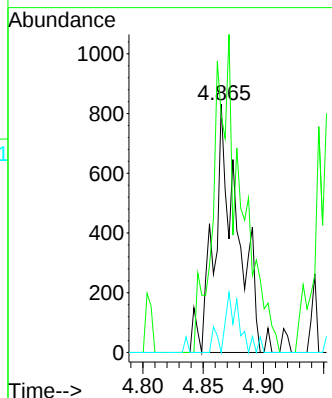
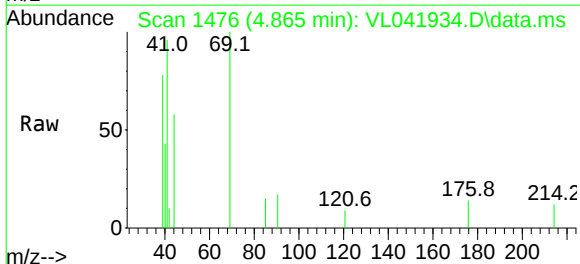
MDL 0.1

Tgt Ion:	69	Resp:	1129
Ion	Ratio	Lower	Upper
69	100		
41	0.0	118.6	177.8#
100	0.0	29.3	43.9#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#44

2,2,4-Trimethylpentane

Concen: 0.085 ppbv m

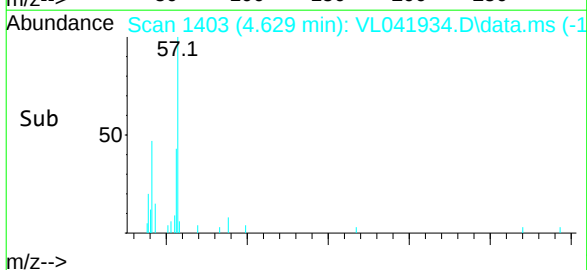
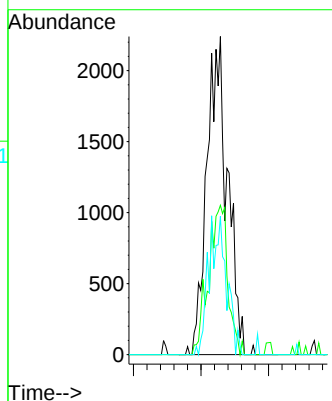
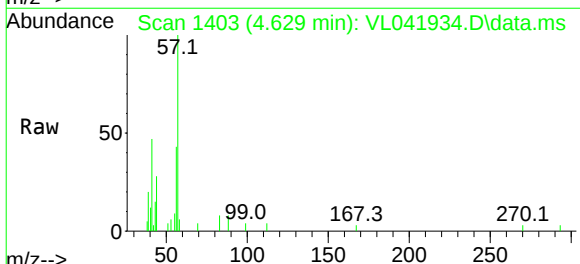
RT: 4.629 min Scan# 1403

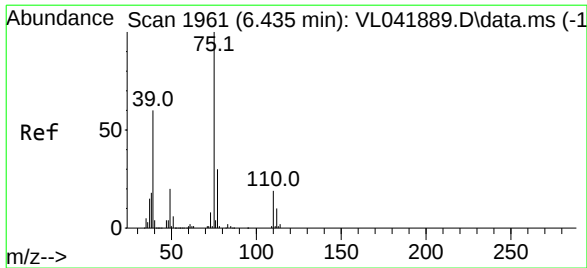
Delta R.T. -0.029 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Tgt Ion:	57	Resp:	4750
Ion	Ratio	Lower	Upper
57	100		
41	44.1	26.6	40.0#
56	0.0	25.4	38.2#





#45

t-1,3-Dichloropropene

Concen: 0.090 ppbv m

RT: 6.393 min Scan# 19

Delta R.T. -0.042 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion: 75 Resp: 1077

Ion Ratio Lower Upper

75 100

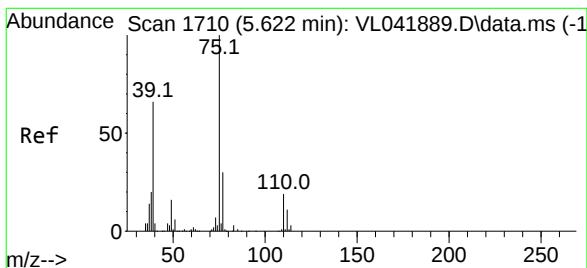
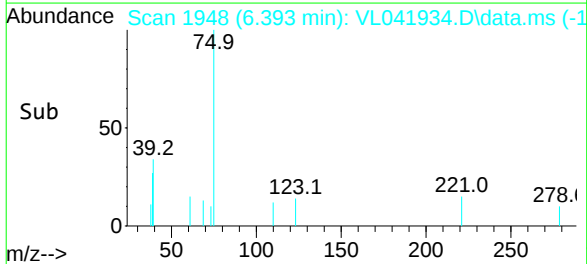
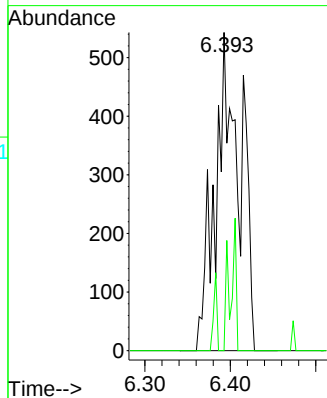
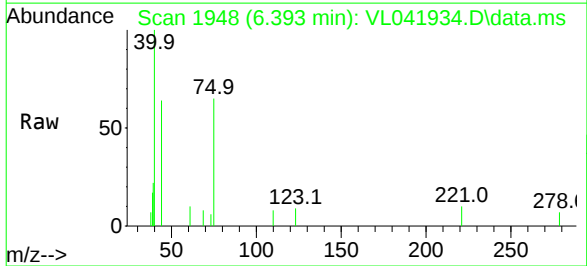
77 0.0 24.3 36.5#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025

Supervised By :Mahesh Dadoda 01/21/2025



#46

cis-1,3-Dichloropropene

Concen: 0.089 ppbv m

RT: 5.584 min Scan# 1698

Delta R.T. -0.039 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

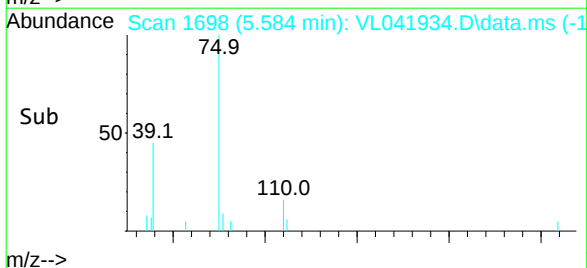
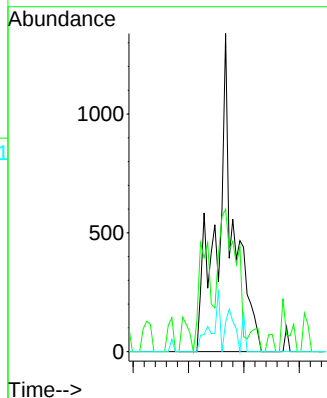
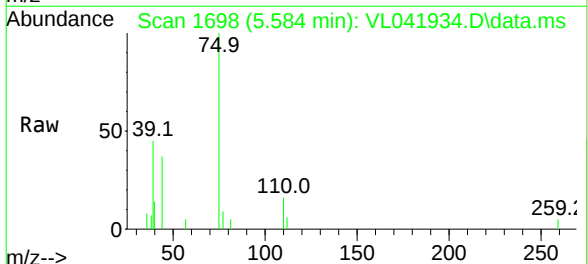
Tgt Ion: 75 Resp: 1401

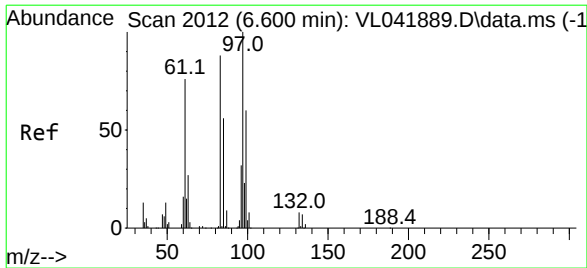
Ion Ratio Lower Upper

75 100

39 44.8 53.1 79.7#

77 9.3 23.8 35.8#





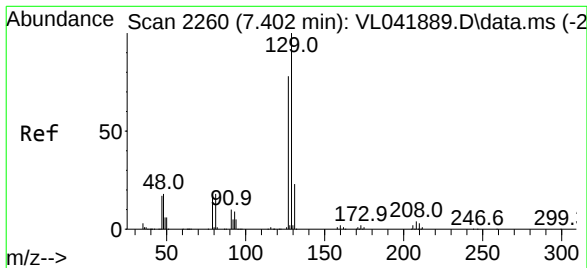
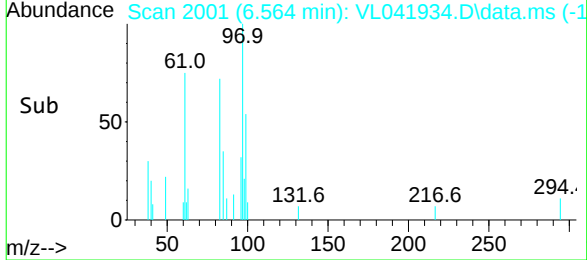
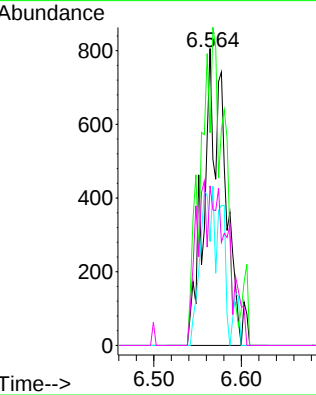
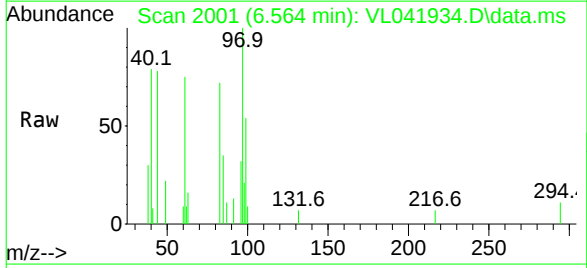
#47
1,1,2-Trichloroethane
Concen: 0.106 ppbv m
RT: 6.564 min Scan# 2012
Delta R.T. -0.035 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Instrument : MSVOA_L
ClientSampleId : MDL 0.1

Tgt Ion	Ratio	Lower	Upper
97	100		
83	71.6	70.4	105.6
85	35.0	45.0	67.4
99	53.7	48.1	72.1

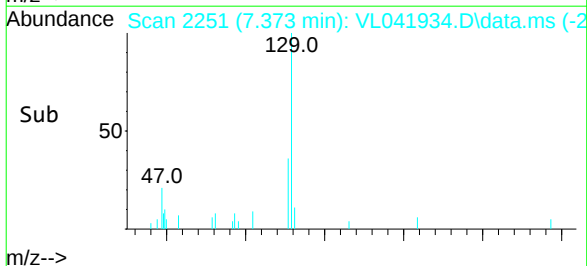
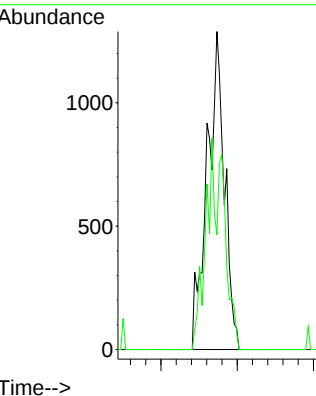
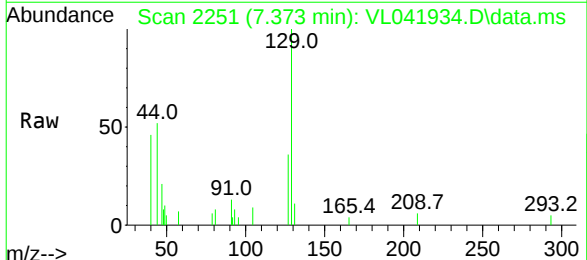
Manual Integrations
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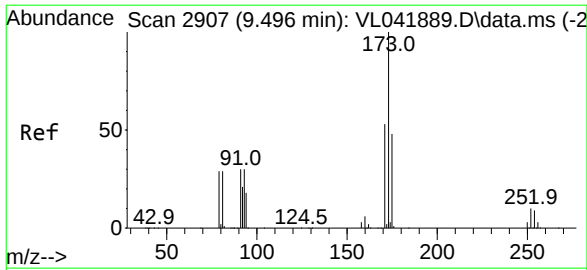
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#48
Dibromochloromethane
Concen: 0.103 ppbv m
RT: 7.373 min Scan# 2251
Delta R.T. -0.029 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Tgt Ion	Ratio	Lower	Upper
129	100		
127	69.4	39.3	117.8





#49

Bromoform

Concen: 0.081 ppbv m

RT: 9.464 min Scan# 28

Delta R.T. -0.032 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

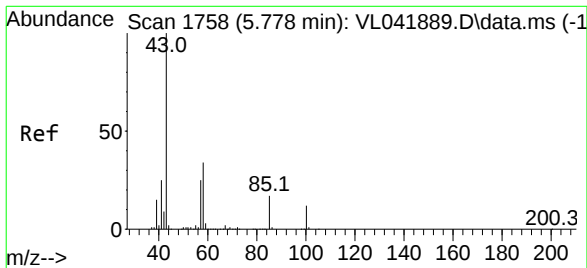
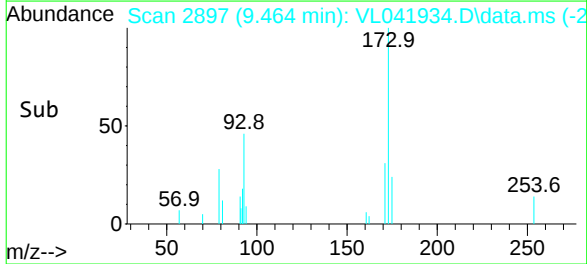
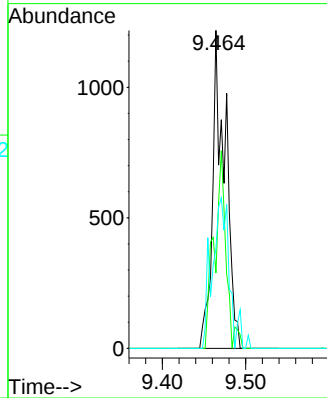
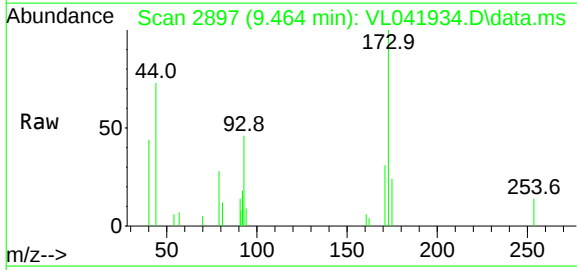
MDL 0.1

Tgt Ion:	173	Resp:	1311
Ion Ratio	Lower	Upper	
173	100		
175	2.7	38.4	57.6#
171	0.0	41.4	62.2#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#50

4-Methyl-2-Pentanone

Concen: 0.085 ppbv m

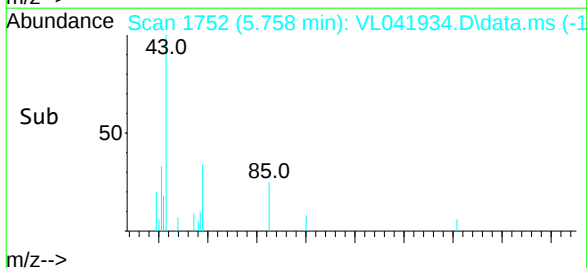
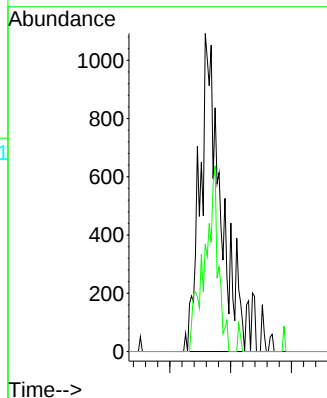
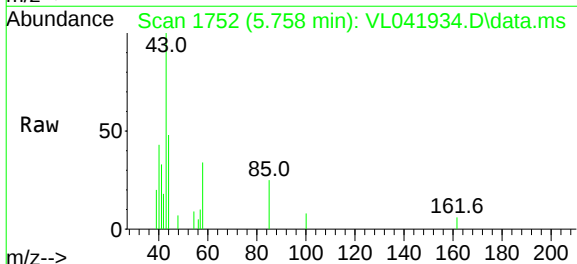
RT: 5.758 min Scan# 1752

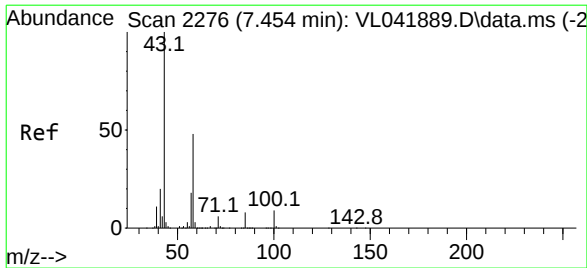
Delta R.T. -0.019 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Tgt Ion:	43	Resp:	2755
Ion Ratio	Lower	Upper	
43	100		
58	0.0	29.0	43.6#





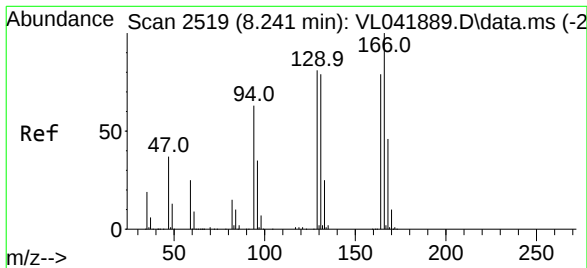
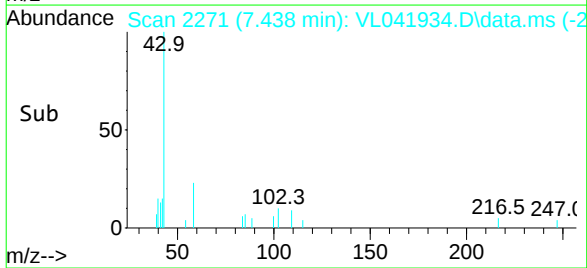
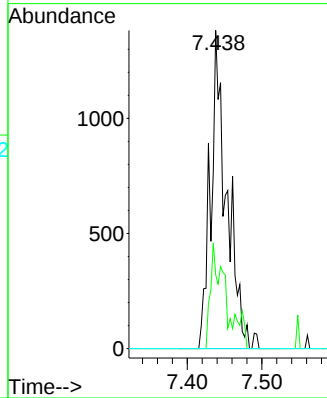
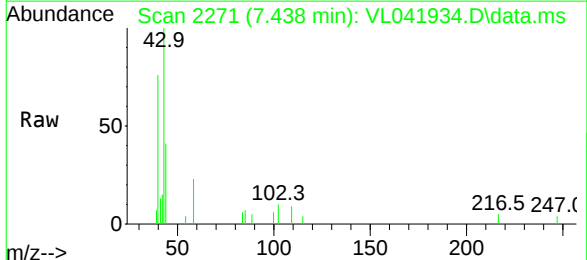
#51
2-Hexanone
Concen: 0.082 ppbv m
RT: 7.438 min Scan# 2276
Delta R.T. -0.016 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Instrument : MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 43 Resp: 2058
Ion Ratio Lower Upper
43 100
58 32.7 40.4 60.6#
98 0.0 0.2 0.2#

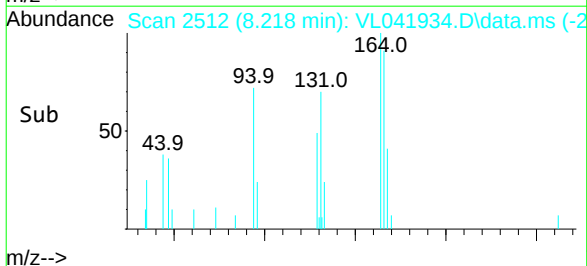
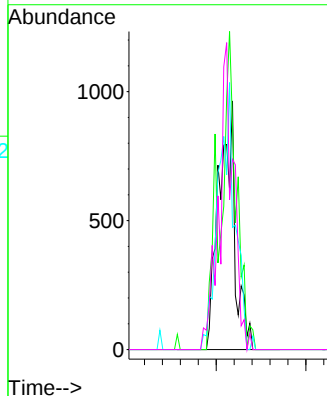
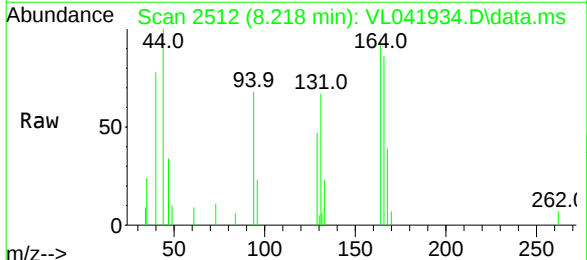
Manual Integrations
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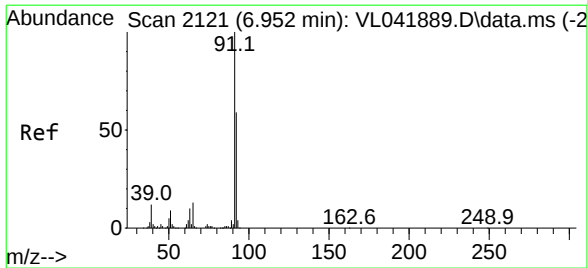
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#52
Tetrachloroethene
Concen: 0.102 ppbv m
RT: 8.218 min Scan# 2512
Delta R.T. -0.023 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Tgt Ion:164 Resp: 1214
Ion Ratio Lower Upper
164 100
166 90.6 100.8 151.2#
129 49.2 82.0 123.0#
131 70.2 80.2 120.2#





#53

Toluene

Concen: 0.081 ppbv m

RT: 6.920 min Scan# 2111

Delta R.T. -0.032 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion: 91 Resp: 3038

Ion Ratio Lower Upper

91 100

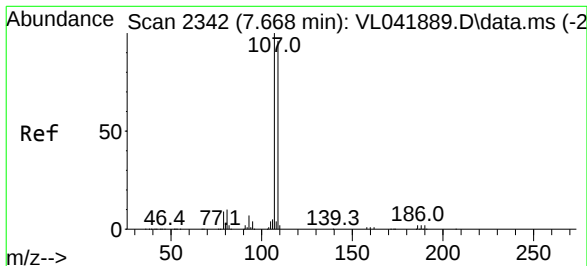
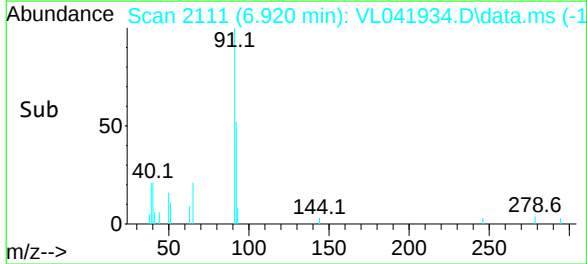
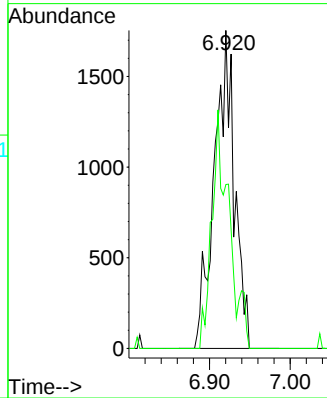
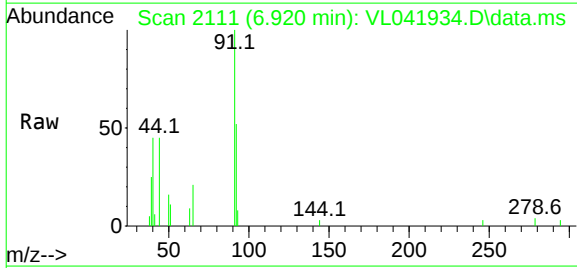
92 64.6 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025

Supervised By :Mahesh Dadoda 01/21/2025



#54

1,2-Dibromoethane

Concen: 0.100 ppbv m

RT: 7.639 min Scan# 2333

Delta R.T. -0.029 min

Lab File: VL041934.D

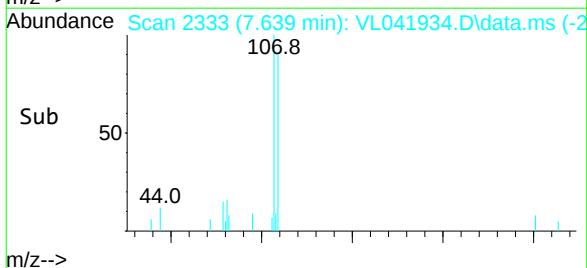
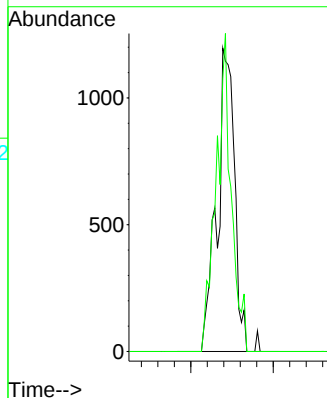
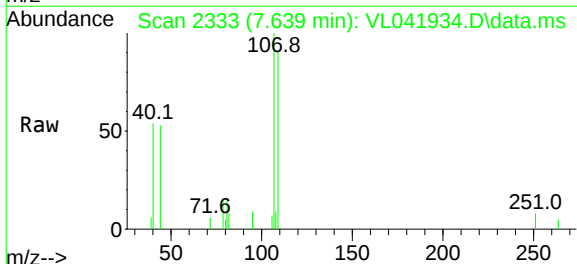
Acq: 20 Jan 2025 23:30

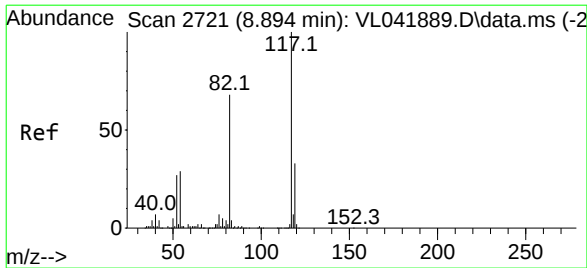
Tgt Ion:107 Resp: 1760

Ion Ratio Lower Upper

107 100

109 90.0 76.7 115.1





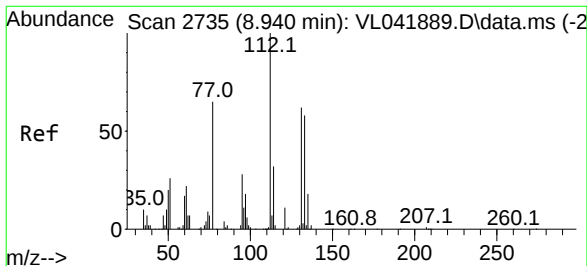
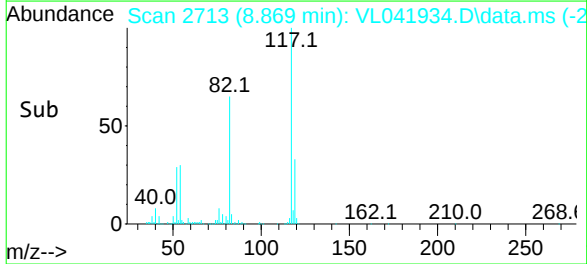
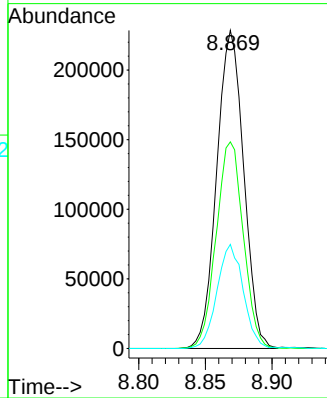
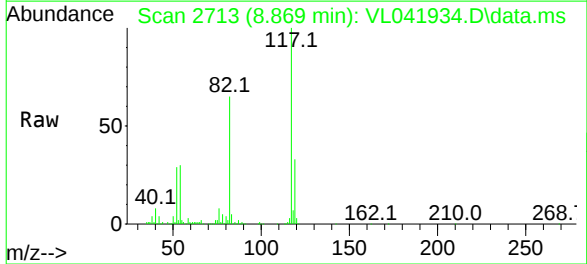
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 2713
Delta R.T. -0.026 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Instrument : MSVOA_L
ClientSampleId : MDL 0.1

Tgt Ion:	117	Resp:	321701
Ion	Ratio	Lower	Upper
117	100		
82	65.2	54.2	81.4
119	32.0	25.0	37.6

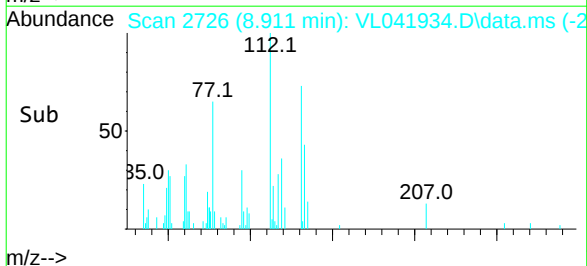
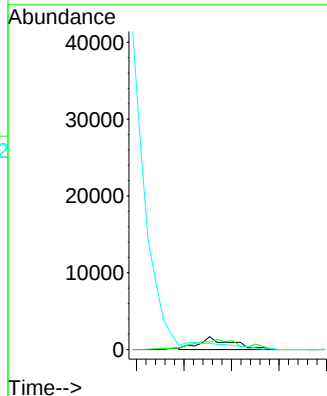
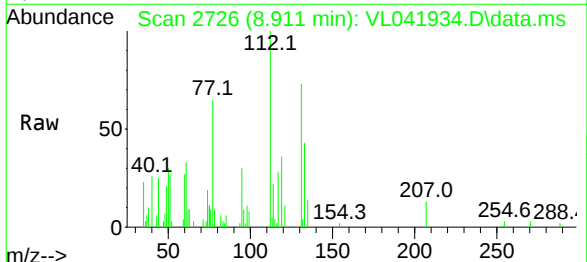
Manual Integrations
APPROVED

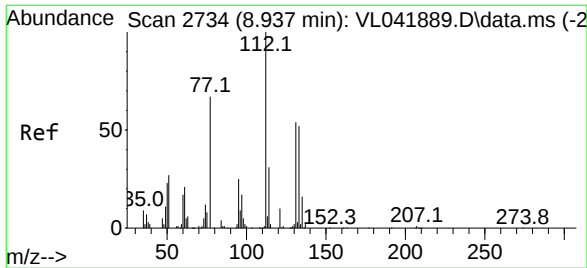
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.098 ppbv m
RT: 8.911 min Scan# 2726
Delta R.T. -0.029 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Tgt Ion:	131	Resp:	1573
Ion	Ratio	Lower	Upper
131	100		
133	118.0	76.0	114.0#
119	0.0	49.7	74.5#





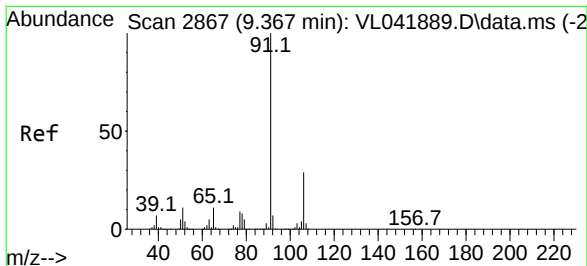
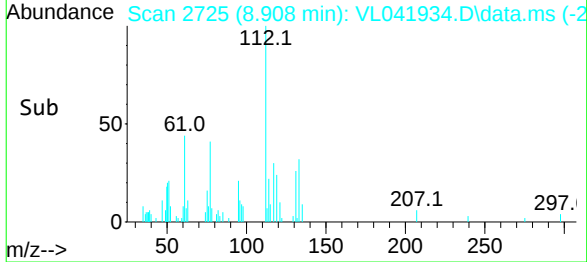
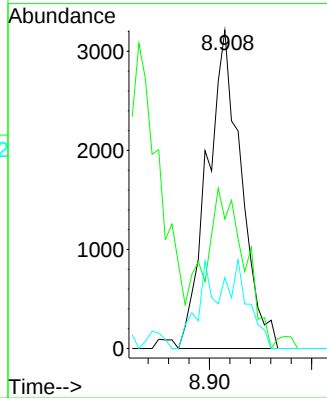
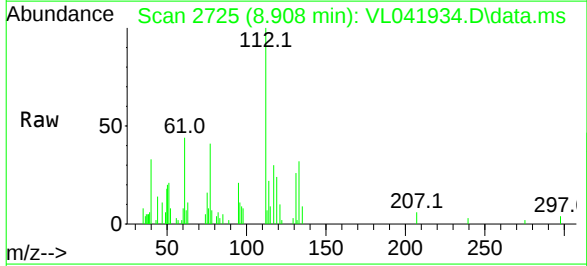
#57
Chlorobenzene
Concen: 0.125 ppbv
RT: 8.908 min Scan# 2734
Delta R.T. -0.029 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 112 Resp: 3707
Ion Ratio Lower Upper
112 100
77 37.6 54.6 82.0#
114 22.3 28.2 34.4#

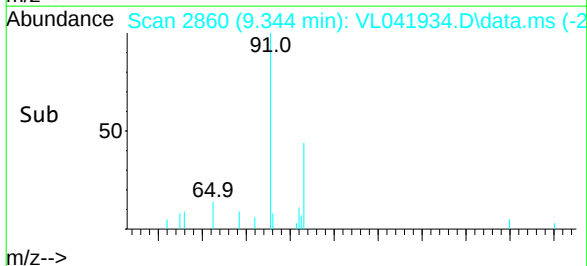
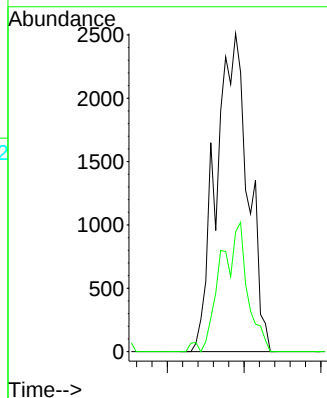
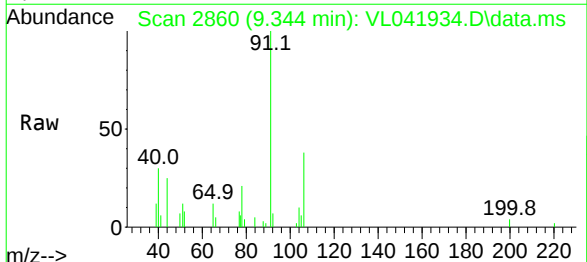
Manual Integrations
APPROVED

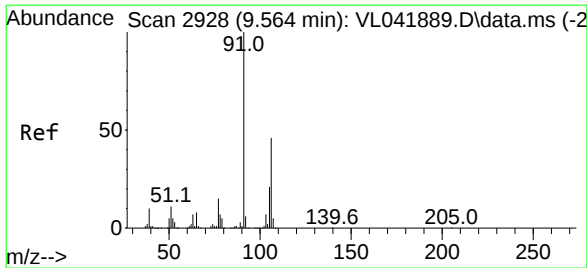
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#58
Ethyl Benzene
Concen: 0.073 ppbv m
RT: 9.344 min Scan# 2860
Delta R.T. -0.023 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Tgt Ion: 91 Resp: 3645
Ion Ratio Lower Upper
91 100
106 37.6 23.1 34.7#





#59

m/p-Xylene

Concen: 0.128 ppbv m

RT: 9.519 min Scan# 2914

Delta R.T. -0.045 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

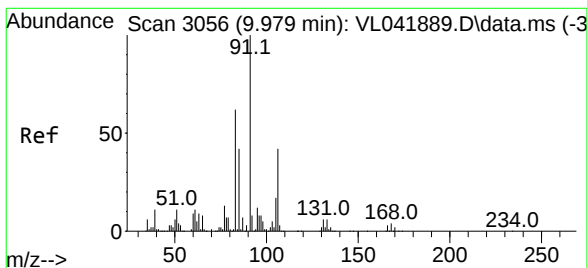
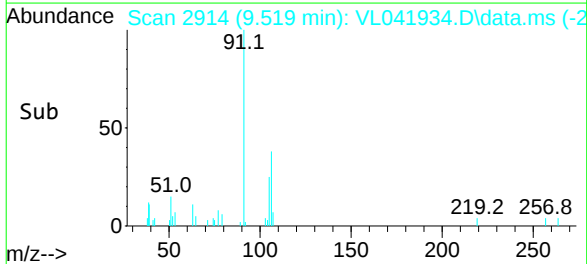
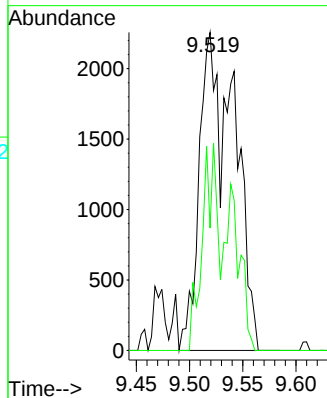
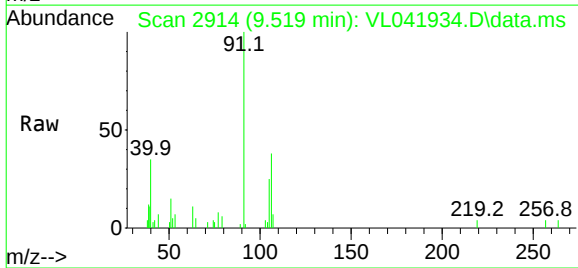
MDL 0.1

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.0	54.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#60

o-Xylene

Concen: 0.068 ppbv m

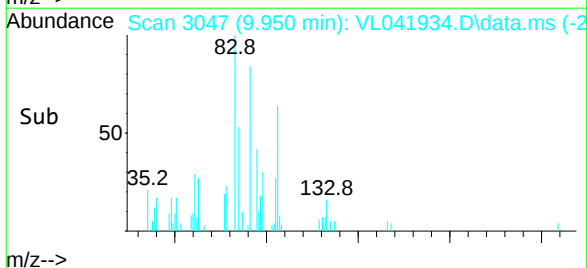
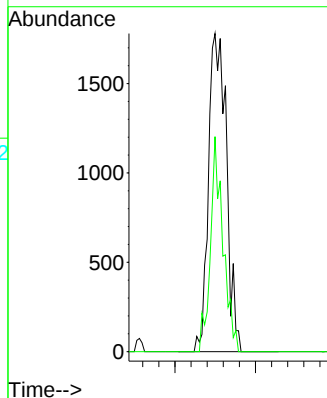
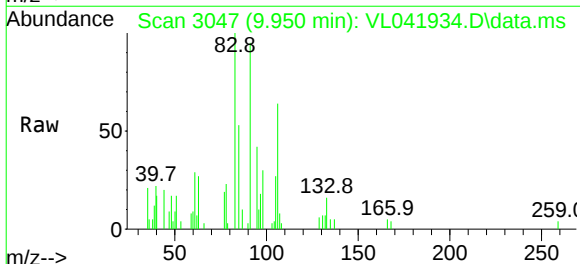
RT: 9.950 min Scan# 3047

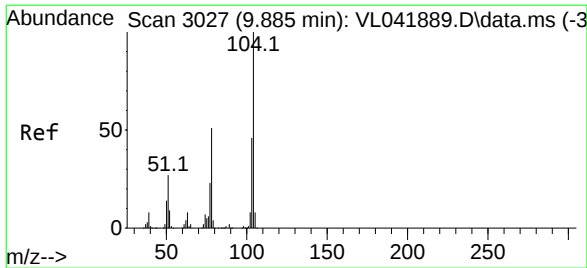
Delta R.T. -0.029 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Tgt Ion	Ratio	Lower	Upper
91	100		
106	47.9	21.3	63.9





#61

Styrene

Concen: 0.071 ppbv m

RT: 9.856 min Scan# 3027

Delta R.T. -0.029 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

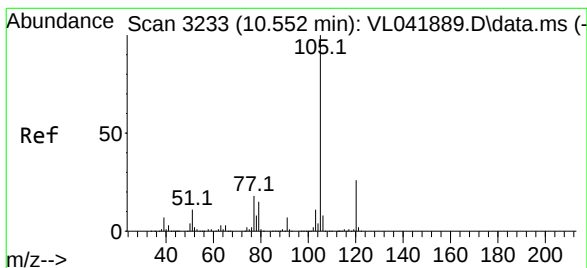
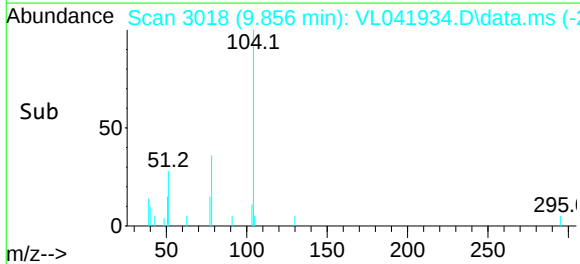
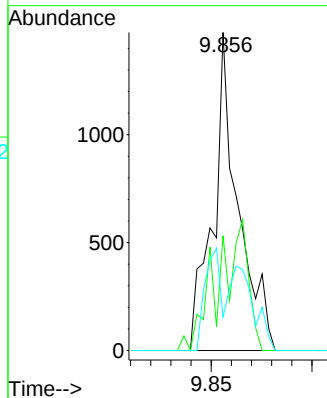
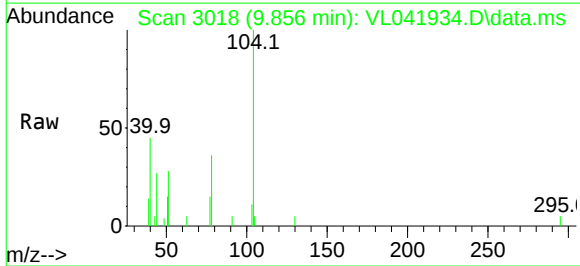
MDL 0.1

Tgt Ion:	104	Resp:	1267
Ion Ratio	Lower	Upper	
104	100		
78	0.0	41.0	61.6
103	46.8	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#62

Isopropylbenzene

Concen: 0.084 ppbv

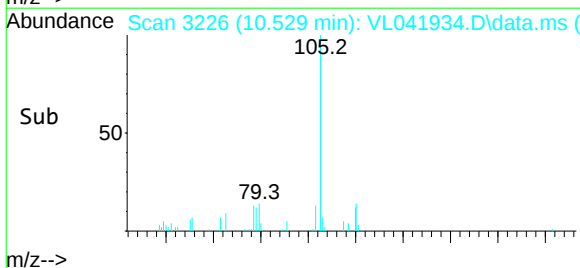
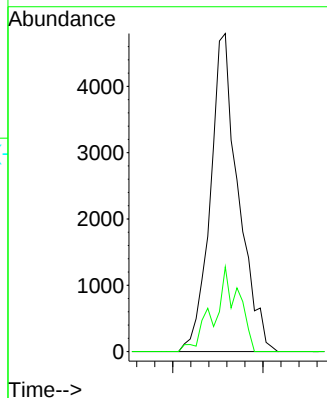
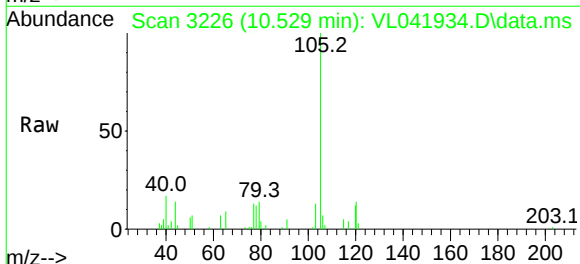
RT: 10.529 min Scan# 3226

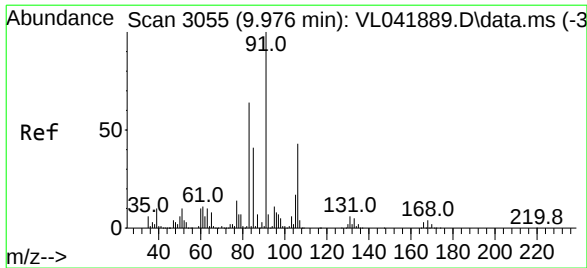
Delta R.T. -0.023 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

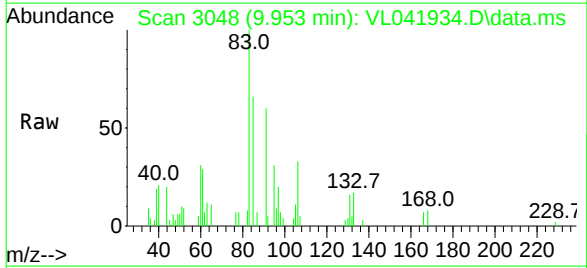
Tgt Ion:	105	Resp:	5186
Ion Ratio	Lower	Upper	
105	100		
120	23.9	20.3	30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.118 ppbv
RT: 9.953 min Scan# 3019
Delta R.T. -0.023 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

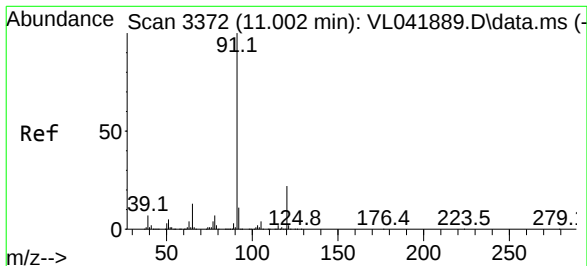
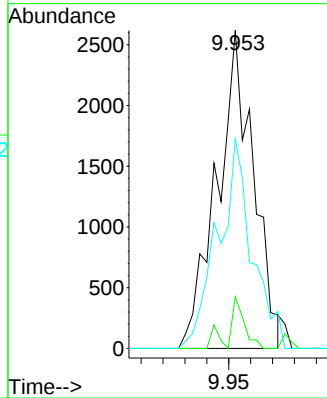
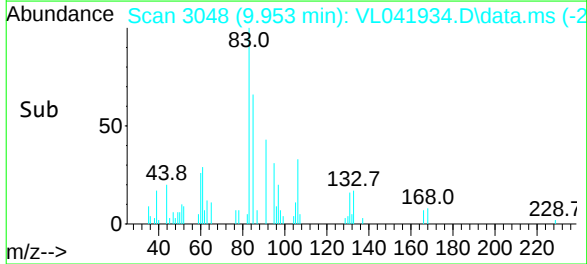
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



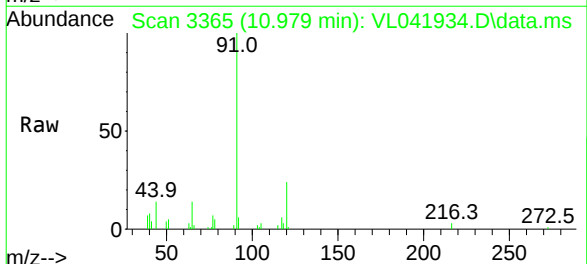
Tgt Ion: 83 Resp: 3019
Ion Ratio Lower Upper
83 100
131 8.1 4.8 14.4
85 61.8 32.4 97.2

Manual Integrations
APPROVED

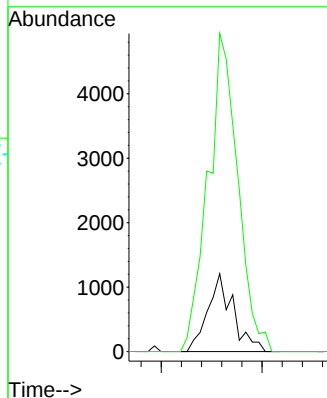
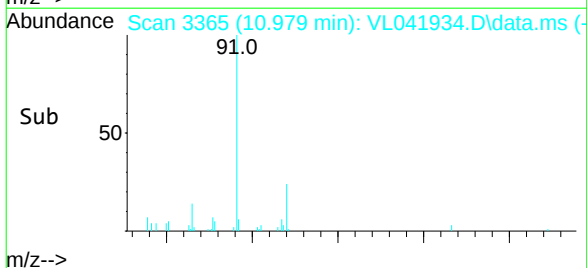
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

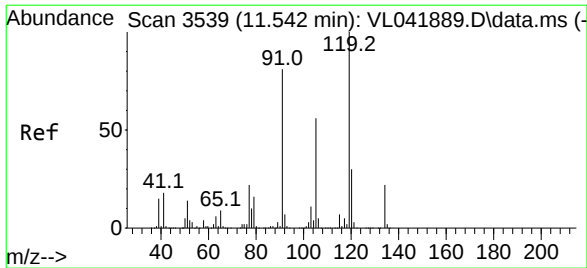


#64
n-propylbenzene
Concen: 0.068 ppbv m
RT: 10.979 min Scan# 3365
Delta R.T. -0.023 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30



Tgt Ion:120 Resp: 1056
Ion Ratio Lower Upper
120 100
91 480.6 374.1 561.1





#65

tert-Butylbenzene

Concen: 0.055 ppbv

RT: 11.520 min Scan# 3539

Delta R.T. -0.023 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

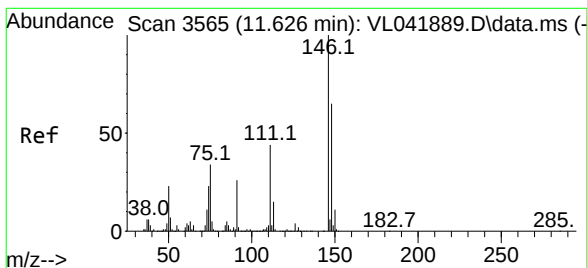
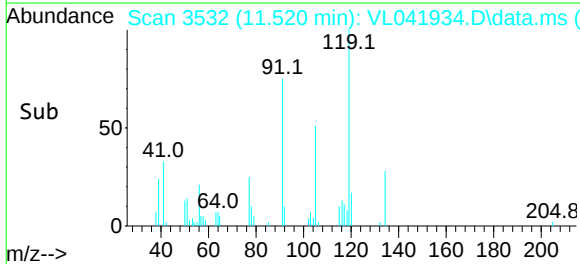
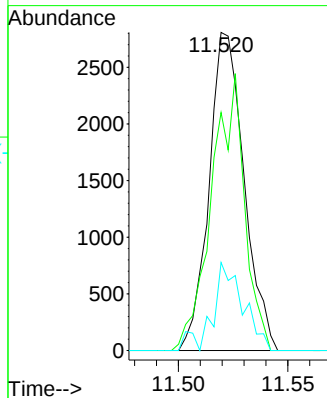
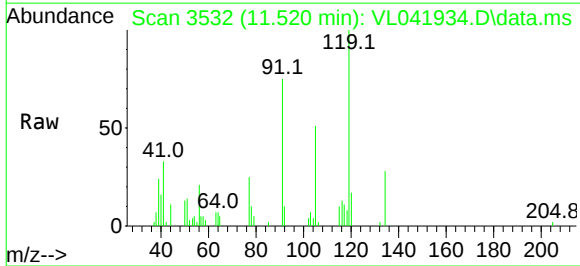
MDL 0.1

Tgt Ion:	119	Resp:	3130
Ion	Ratio	Lower	Upper
119	100		
91	81.3	64.6	97.0
134	24.3	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#66

Benzyl Chloride

Concen: 0.079 ppbv m

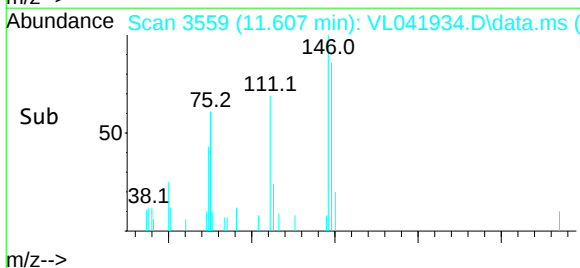
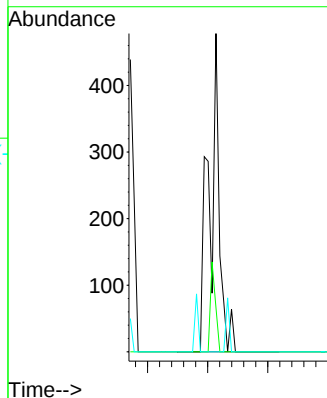
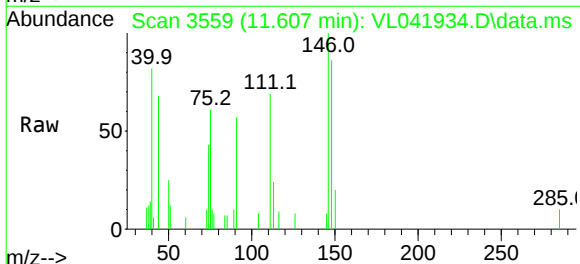
RT: 11.607 min Scan# 3559

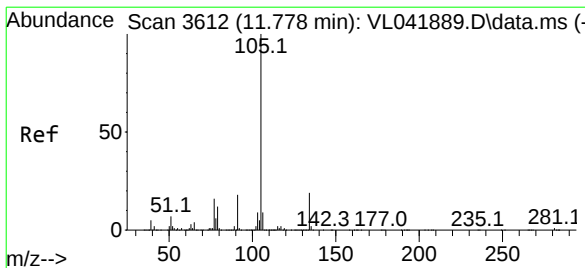
Delta R.T. -0.019 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Tgt Ion:	91	Resp:	277
Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.1	21.1
128	6.1	4.3	6.5





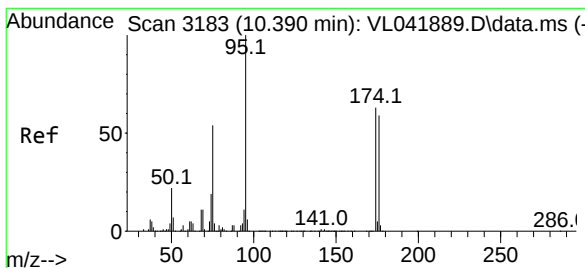
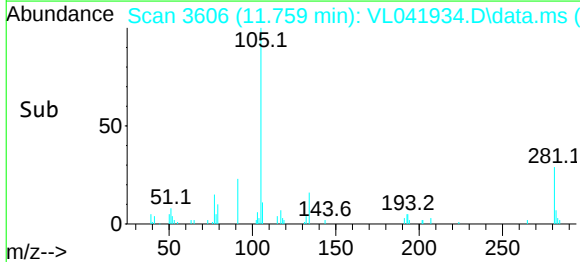
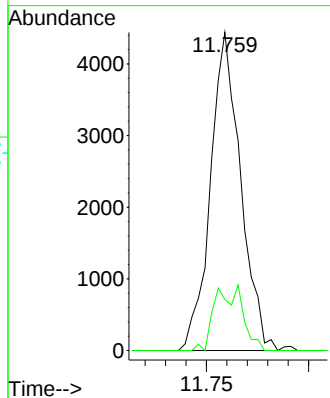
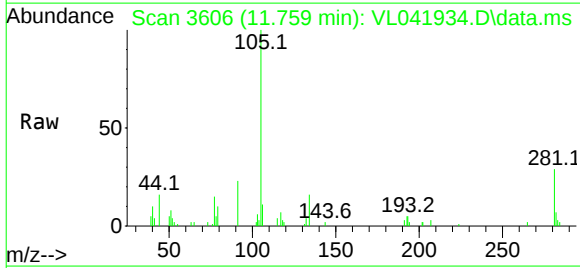
#67
 sec-Butylbenzene
 Concen: 0.059 ppbv
 RT: 11.759 min Scan# 3612
 Delta R.T. -0.019 min
 Lab File: VL041934.D
 Acq: 20 Jan 2025 23:30

Instrument : MSVOA_L
 ClientSampleId : MDL 0.1

Tgt Ion: 105 Resp: 4561
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.1 22.7

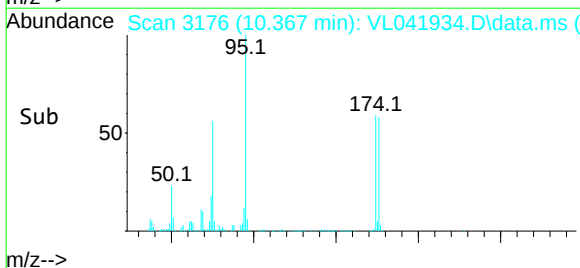
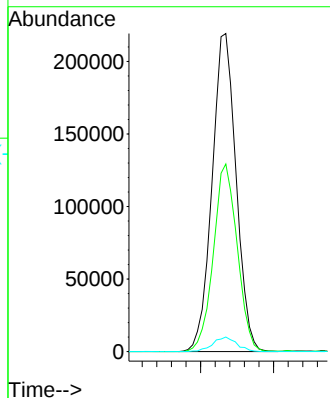
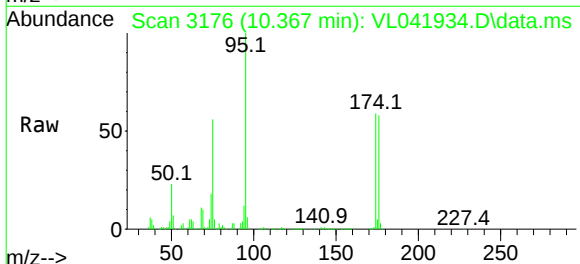
Manual Integrations
 APPROVED

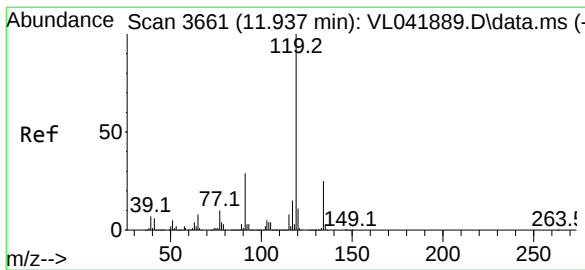
Reviewed By : Semsettin Yesilyurt 01/21/2025
 Supervised By : Mahesh Dadoda 01/21/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.901 ppbv
 RT: 10.367 min Scan# 3176
 Delta R.T. -0.023 min
 Lab File: VL041934.D
 Acq: 20 Jan 2025 23:30

Tgt Ion: 95 Resp: 250881
 Ion Ratio Lower Upper
 95 100
 174 58.6 49.0 73.4
 175 4.5 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.052 ppbv

RT: 11.918 min Scan# 3661

Delta R.T. -0.019 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

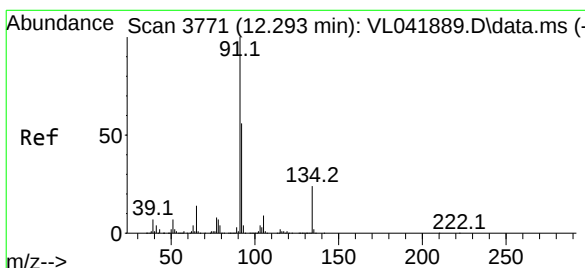
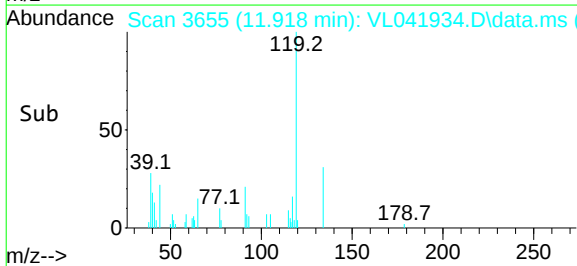
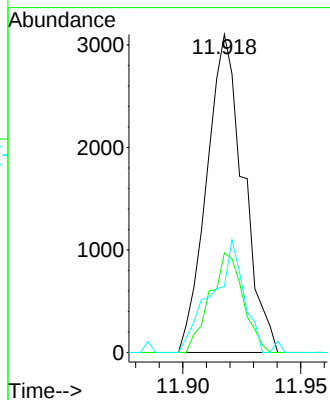
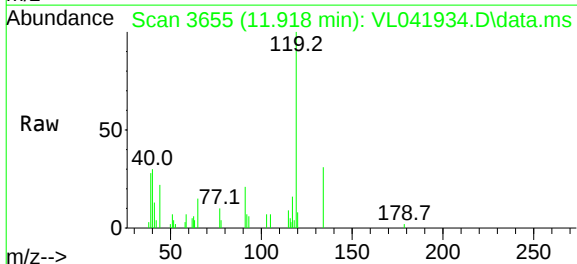
MDL 0.1

Tgt	Ion: 119	Resp:	3352
Ion	Ratio	Lower	Upper
119	100		
134	28.2	19.8	29.6
91	31.5	23.0	34.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#70

n-Butylbenzene

Concen: 0.051 ppbv

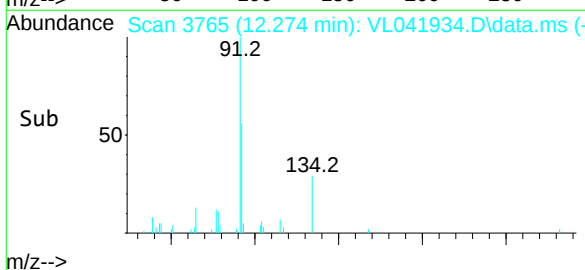
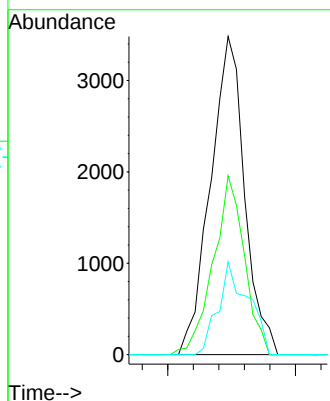
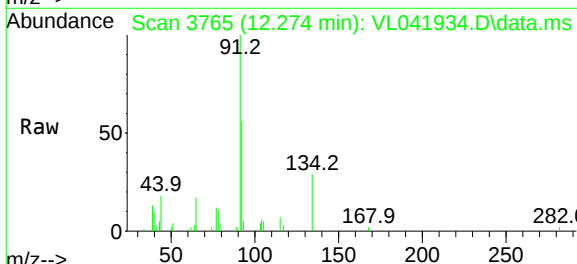
RT: 12.274 min Scan# 3765

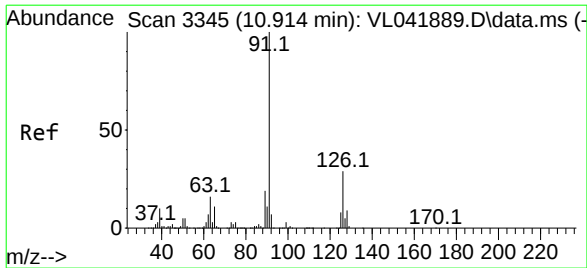
Delta R.T. -0.019 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Tgt	Ion: 91	Resp:	3236
Ion	Ratio	Lower	Upper
91	100		
92	51.1	43.8	65.6
134	25.6	19.0	28.6





#71

2-Chlorotoluene

Concen: 0.073 ppbv m

RT: 10.888 min Scan# 3359

Delta R.T. -0.026 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

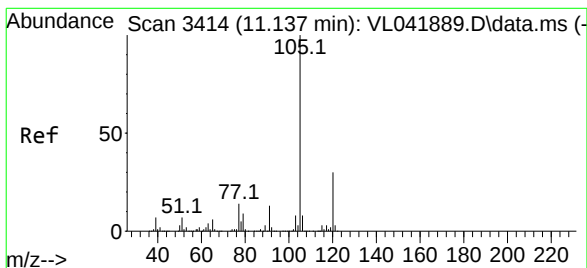
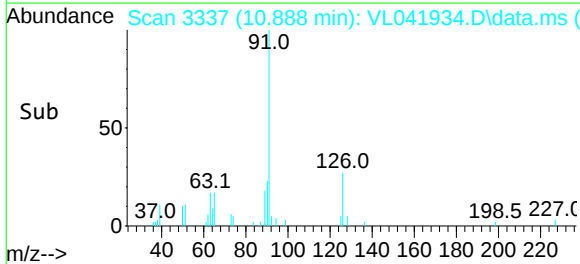
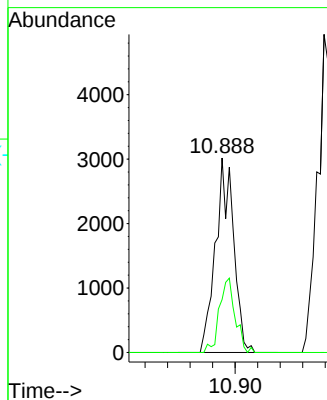
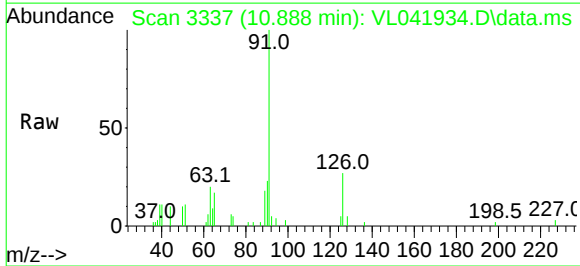
MDL 0.1

Tgt Ion:	91	Resp:	3359
Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.7	46.7#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#72

4-Ethyltoluene

Concen: 0.057 ppbv m

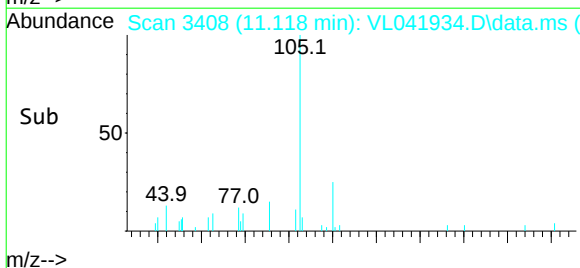
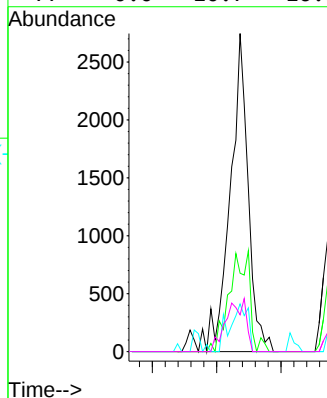
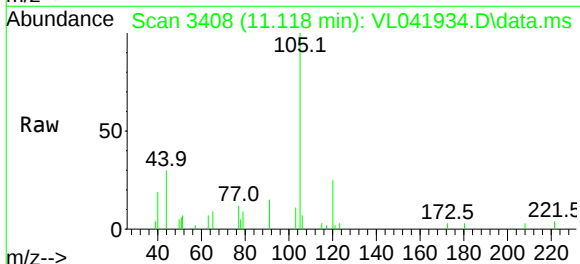
RT: 11.118 min Scan# 3408

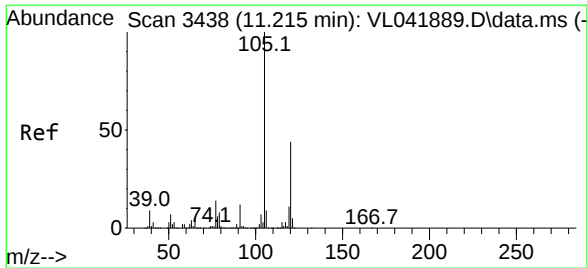
Delta R.T. -0.019 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Tgt Ion:	105	Resp:	2748
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.7	35.5#
91	0.0	10.2	15.2#
77	0.0	10.7	16.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.058 ppbv

RT: 11.199 min Scan# 3438

Delta R.T. -0.016 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

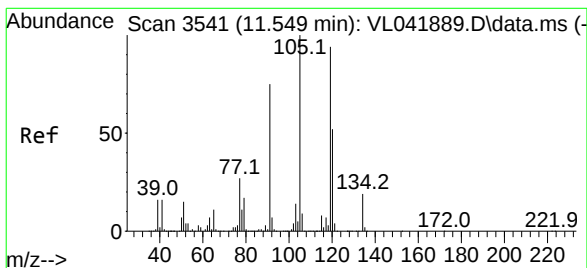
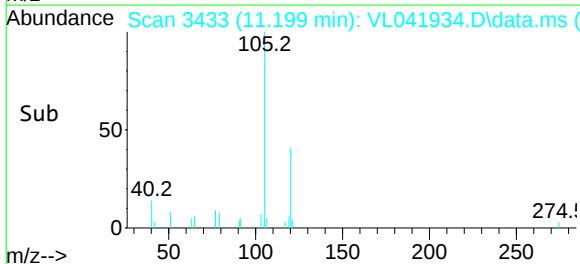
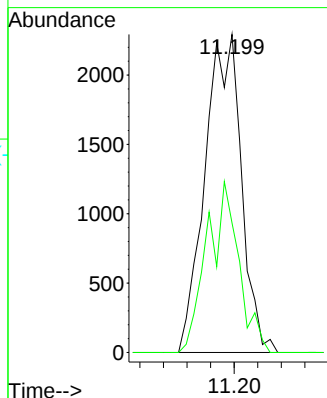
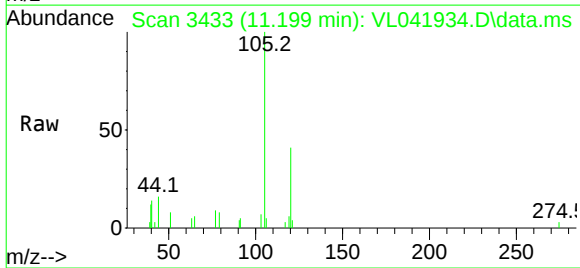
MDL 0.1

Tgt Ion:105 Resp: 2452
 Ion Ratio Lower Upper
 105 100
 120 40.7 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.058 ppbv

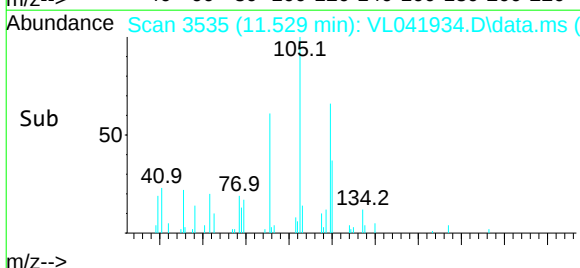
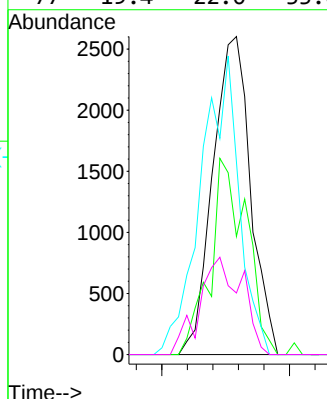
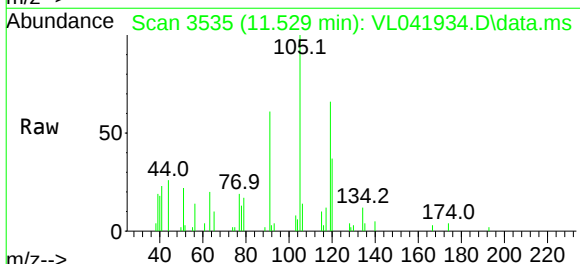
RT: 11.529 min Scan# 3535

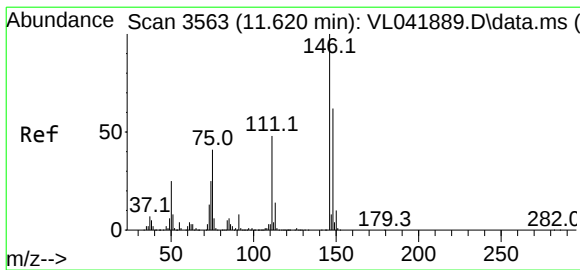
Delta R.T. -0.019 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

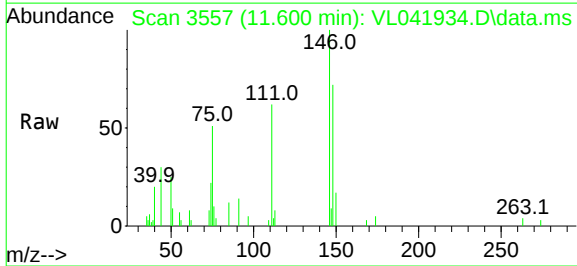
Tgt Ion:105 Resp: 2672
 Ion Ratio Lower Upper
 105 100
 120 37.1 41.4 62.2#
 91 63.6 60.2 90.2
 77 19.4 22.0 33.0#





#75
1,3-Dichlorobenzene
Concen: 0.074 ppbv
RT: 11.600 min Scan# 3563
Delta R.T. -0.019 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

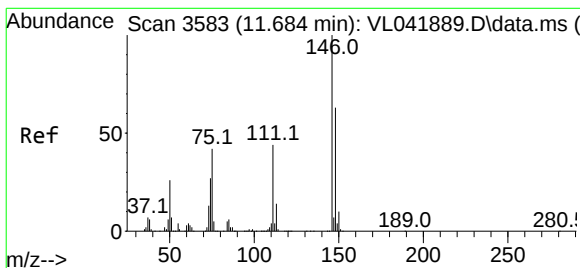
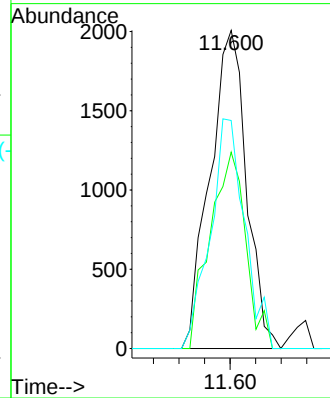
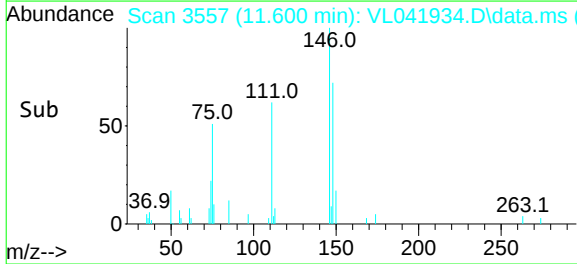
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



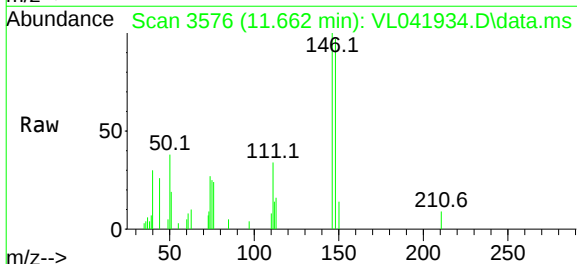
Tgt Ion:146 Resp: 2000
Ion Ratio Lower Upper
146 100
111 60.4 23.6 70.8
148 68.2 31.4 94.0

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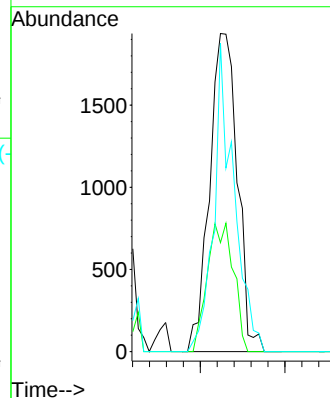
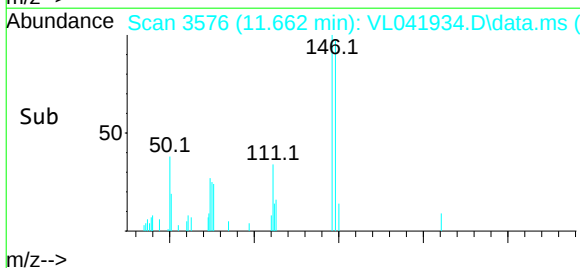
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

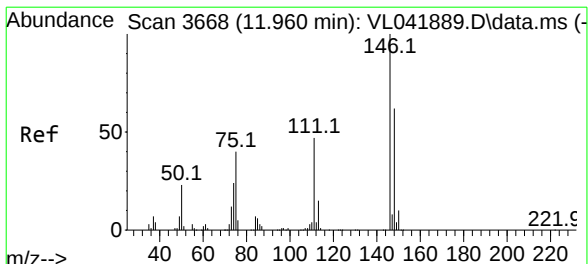


#76
1,4-Dichlorobenzene
Concen: 0.083 ppbv m
RT: 11.662 min Scan# 3576
Delta R.T. -0.023 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30



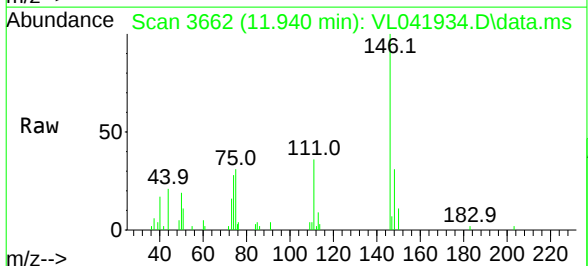
Tgt Ion:146 Resp: 2211
Ion Ratio Lower Upper
146 100
111 38.1 22.4 67.0
148 69.7 31.9 95.5





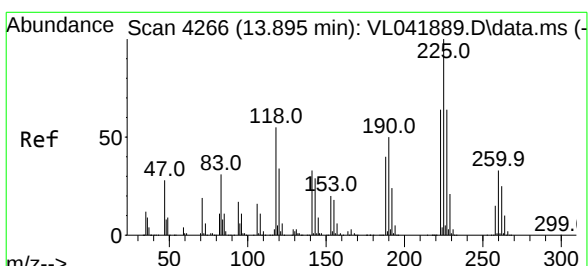
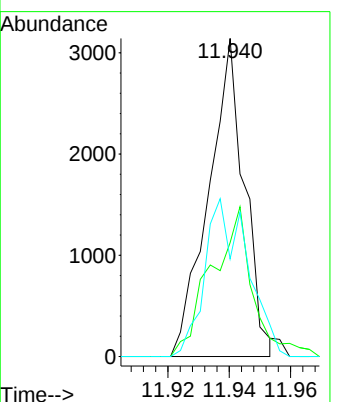
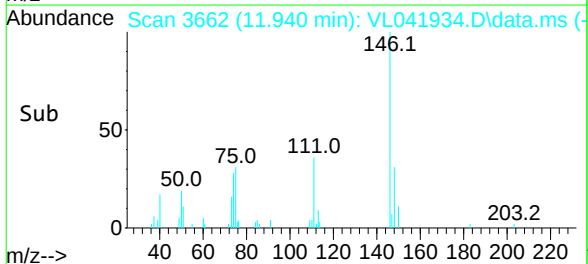
#77
 1,2-Dichlorobenzene
 Concen: 0.095 ppbv
 RT: 11.940 min Scan# 3668
 Delta R.T. -0.019 min
 Lab File: VL041934.D
 Acq: 20 Jan 2025 23:30

Instrument : MSVOA_L
 ClientSampleId : MDL 0.1

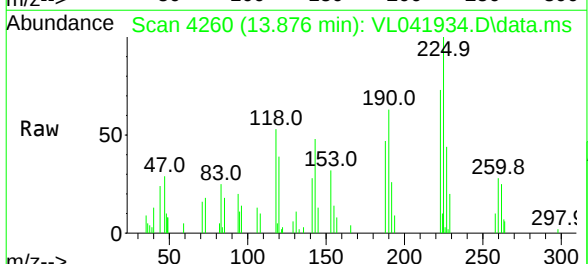


Tgt Ion:	146	Resp:	2552
Ion Ratio	Lower	Upper	
146	100		
111	54.5	24.2	72.6
148	59.2	31.7	95.1

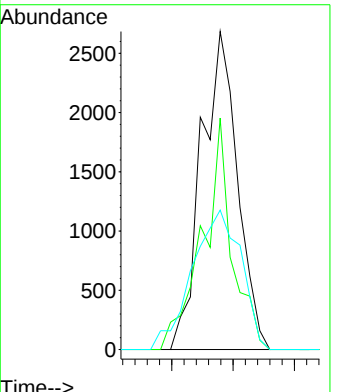
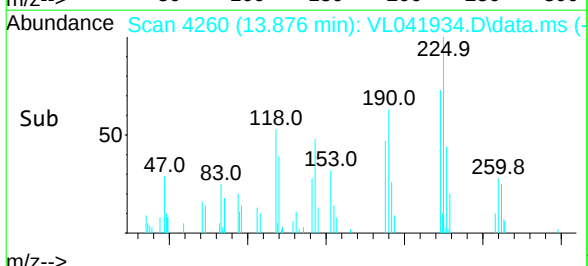
Manual Integrations
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 Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025

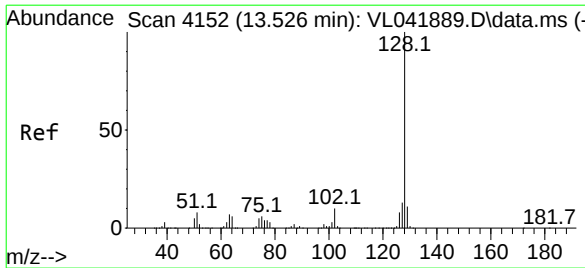


#78
 Hexachloro-1,3-Butadiene
 Concen: 0.099 ppbv
 RT: 13.876 min Scan# 4260
 Delta R.T. -0.019 min
 Lab File: VL041934.D
 Acq: 20 Jan 2025 23:30



Tgt Ion:	225	Resp:	2193
Ion Ratio	Lower	Upper	
225	100		
223	59.3	50.8	76.2
227	59.6	50.3	75.5





#79

Naphthalene

Concen: 0.048 ppbv

RT: 13.507 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

Instrument :

MSVOA_L

ClientSampleId :

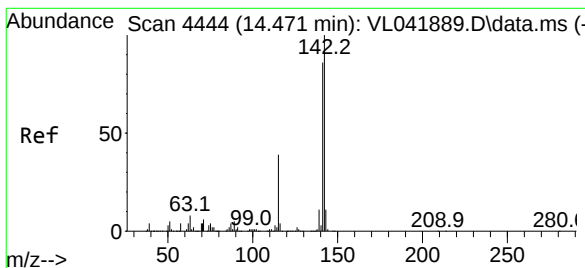
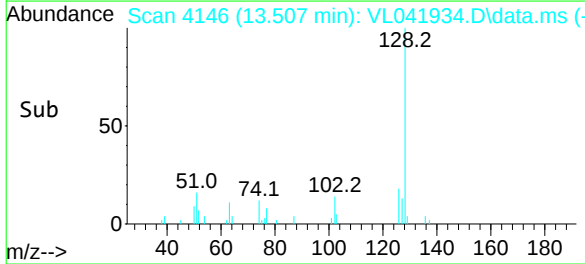
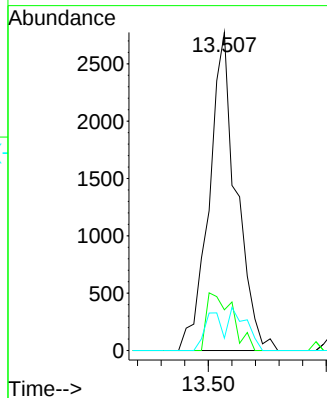
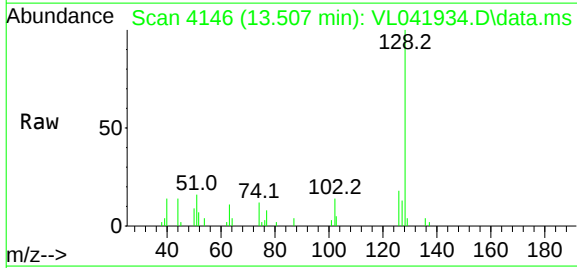
MDL 0.1

Tgt	Ion:128	Resp:	2222
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	3.9	9.1	13.7#

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#80

Naphthalene,2-methyl-

Concen: 0.032 ppbv m

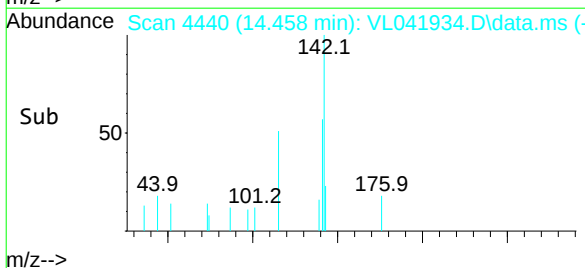
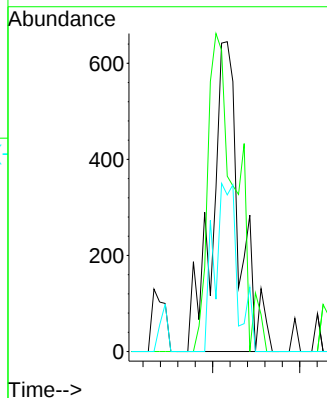
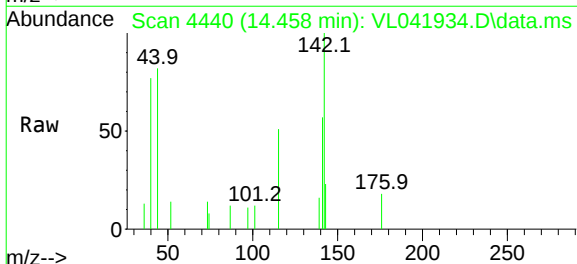
RT: 14.458 min Scan# 4440

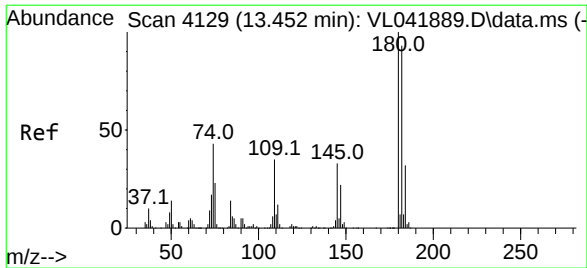
Delta R.T. -0.013 min

Lab File: VL041934.D

Acq: 20 Jan 2025 23:30

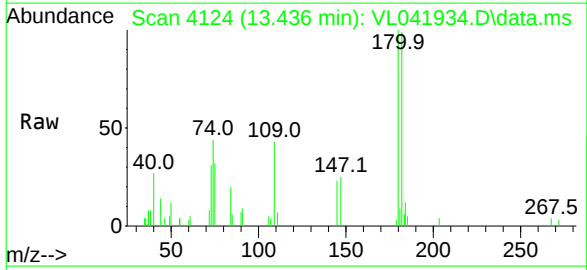
Tgt	Ion:142	Resp:	709
Ion	Ratio	Lower	Upper
142	100		
141	0.0	68.1	102.1#
115	0.0	31.7	47.5#





#81
1,2,4-Trichlorobenzene
Concen: 0.071 ppbv
RT: 13.436 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL041934.D
Acq: 20 Jan 2025 23:30

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:	180	Resp:	1605
Ion Ratio	Lower	Upper	
180	100		
182	97.8	77.0	115.6
184	28.2	24.9	37.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

