

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041935.D
 Acq On : 21 Jan 2025 00:01
 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 05:09:27 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	132631	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.942	114	362883	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.868	117	312601	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.364 95 247307 10.044 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.492	85	1861	0.103	ppbv	100
3) Chlorodifluoromethane	1.470	51	2317	0.122	ppbv	94
4) Chloromethane	1.528	50	1003	0.148	ppbv #	61
5) Vinyl Chloride	1.573	62	651	0.095	ppbv #	85
6) Bromomethane	1.664	94	515	0.157	ppbv #	55
7) Chloroethane	1.699	64	317	0.118	ppbv #	88
8) Dichlorotetrafluoroethane	1.550	85	1691	0.107	ppbv #	82
9) Propene	1.479	41	1218	0.156	ppbv	99
10) Heptane	4.959	43	1556m	0.075	ppbv	
11) Trichlorofluoromethane	1.871	101	2055	0.109	ppbv #	82
12) 1,1,2-Trichlorotrifluo...	2.130	101	1888	0.128	ppbv	86
13) Ethanol	1.725	45	164m	0.287	ppbv	
14) Bromoethene	1.777	108	526	0.098	ppbv #	53
15) Acetone	1.832	43	2865	0.180	ppbv	98
16) 1,3-Butadiene	1.602	39	1026	0.143	ppbv #	75
17) tert-Butyl alcohol	2.036	59	1953	0.100	ppbv #	69
18) 1,1-Dichloroethene	2.029	96	870	0.131	ppbv	93
19) Isopropyl Alcohol	1.884	45	1946m	0.206	ppbv	
20) Methylene Chloride	2.052	84	1379	0.219	ppbv #	69
21) Allyl Chloride	2.088	41	1209	0.110	ppbv #	57
22) trans-1,2-Dichloroethene	2.334	96	912m	0.122	ppbv	
23) Vinyl Acetate	2.453	43	1256	0.159	ppbv #	40
24) 1,1-Dichloroethane	2.398	63	1731	0.119	ppbv #	87
25) Ethyl Acetate	2.832	43	4090m	0.095	ppbv	
26) Hexane	2.816	57	1475	0.087	ppbv #	83
27) Carbon Disulfide	2.146	76	1704	0.101	ppbv #	1
28) Methyl tert-Butyl Ether	2.434	73	1133	0.087	ppbv #	85
29) Chloroform	2.835	83	3398m	0.127	ppbv	
30) Cyclohexane	3.848	84	1381m	0.094	ppbv	
31) cis-1,2-Dichloroethene	2.716	61	1648	0.092	ppbv #	84
32) 1,1,1-Trichloroethane	3.356	97	2489	0.097	ppbv #	88
34) 2-Butanone	2.557	43	2764	0.120	ppbv	99
35) Carbon Tetrachloride	3.748	117	2595m	0.114	ppbv	
36) Benzene	3.645	78	3481m	0.105	ppbv	
37) 1,2-Dichloroethane	3.208	62	2469	0.132	ppbv	99
38) Trichloroethene	4.528	130	1398	0.106	ppbv #	81
39) 1,2-Dichloropropane	4.298	63	1468m	0.126	ppbv	
40) 1,4-Dioxane	4.612	88	579m	0.098	ppbv	
41) Tetrahydrofuran	3.065	42	1539m	0.123	ppbv	
42) Bromodichloromethane	4.467	83	3356m	0.134	ppbv	
43) Methyl Methacrylate	4.865	69	875	0.071	ppbv #	72
44) 2,2,4-Trimethylpentane	4.616	57	4938m	0.092	ppbv	
45) t-1,3-Dichloropropene	6.389	75	802m	0.069	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 05:09:27 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	5.587	75	1232m	0.081	ppbv	
47) 1,1,2-Trichloroethane	6.570	97	1561m	0.126	ppbv	
48) Dibromochloromethane	7.367	129	1680m	0.088	ppbv	
49) Bromoform	9.467	173	1265m	0.081	ppbv	
50) 4-Methyl-2-Pentanone	5.758	43	2560m	0.081	ppbv	
51) 2-Hexanone	7.444	43	1858m	0.077	ppbv	
52) Tetrachloroethene	8.208	164	1290	0.112	ppbv #	69
53) Toluene	6.907	91	2654m	0.073	ppbv	
54) 1,2-Dibromoethane	7.639	107	1936m	0.114	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.904	131	1634m	0.105	ppbv	
57) Chlorobenzene	8.904	112	3636	0.126	ppbv #	76
58) Ethyl Benzene	9.338	91	3684m	0.075	ppbv	
59) m/p-Xylene	9.529	91	4933m	0.126	ppbv	
60) o-Xylene	9.953	91	2649m	0.068	ppbv	
61) Styrene	9.852	104	1283m	0.074	ppbv	
62) Isopropylbenzene	10.529	105	4756	0.079	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.946	83	3174m	0.128	ppbv	
64) n-propylbenzene	10.982	120	908m	0.060	ppbv	
65) tert-Butylbenzene	11.523	119	3024	0.055	ppbv #	85
66) Benzyl Chloride	11.626	91	163m	0.048	ppbv	
67) sec-Butylbenzene	11.759	105	4617	0.061	ppbv	97
69) p-Isopropyltoluene	11.917	119	3650	0.059	ppbv	92
70) n-Butylbenzene	12.277	91	3648	0.059	ppbv #	89
71) 2-Chlorotoluene	10.888	91	3548m	0.080	ppbv	
72) 4-Ethyltoluene	11.111	105	3001	0.065	ppbv	96
73) 1,3,5-Trimethylbenzene	11.192	105	2621	0.064	ppbv #	80
74) 1,2,4-Trimethylbenzene	11.523	105	2460	0.055	ppbv #	80
75) 1,3-Dichlorobenzene	11.597	146	2186	0.083	ppbv	87
76) 1,4-Dichlorobenzene	11.665	146	2280	0.088	ppbv	99
77) 1,2-Dichlorobenzene	11.937	146	2618m	0.100	ppbv	
78) Hexachloro-1,3-Butadiene	13.879	225	2388	0.111	ppbv	91
79) Naphthalene	13.507	128	2462	0.055	ppbv #	88
81) 1,2,4-Trichlorobenzene	13.432	180	1482	0.068	ppbv	90

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

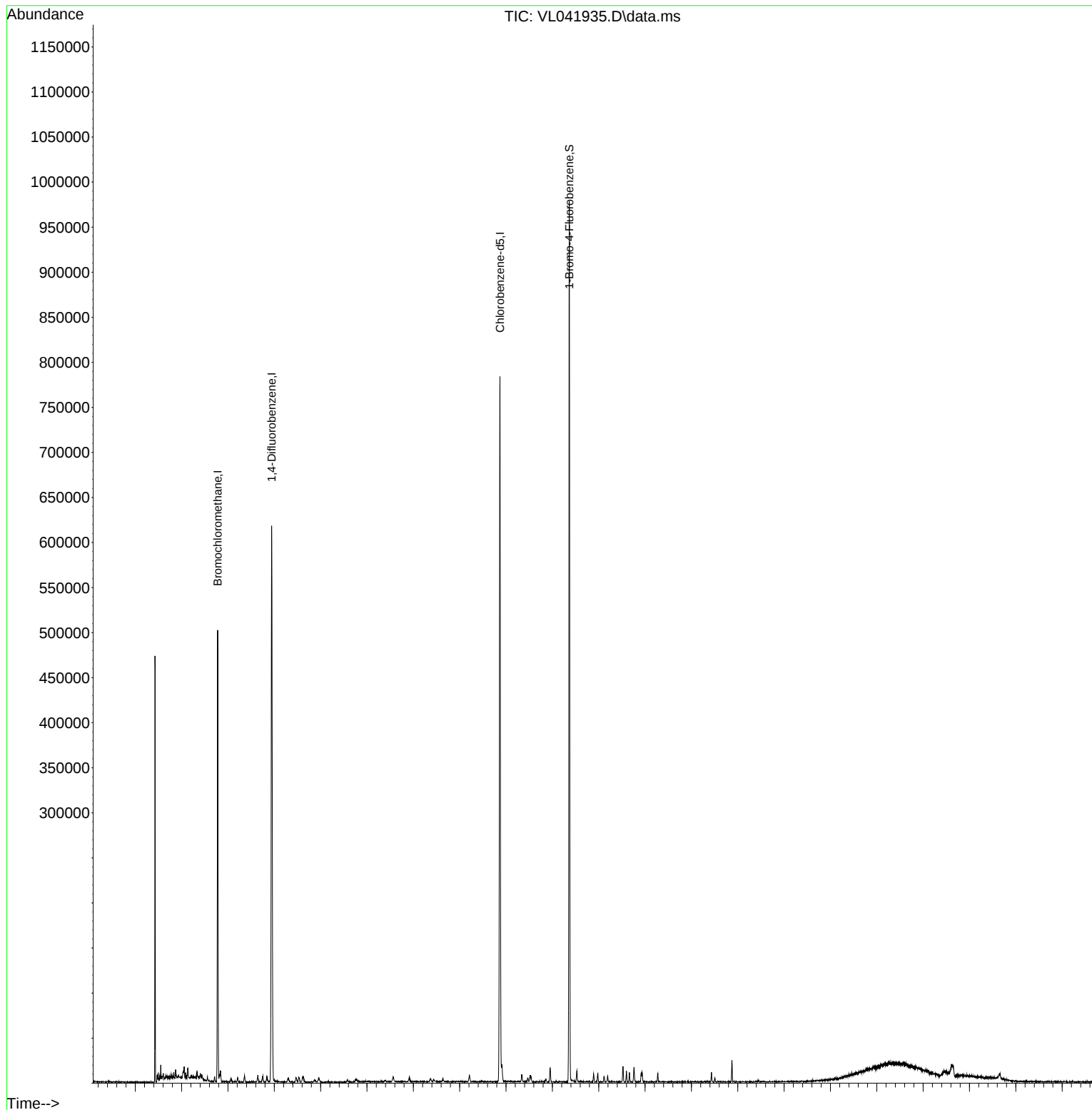
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ALS Vial : 13 Sample Multiplier: 1

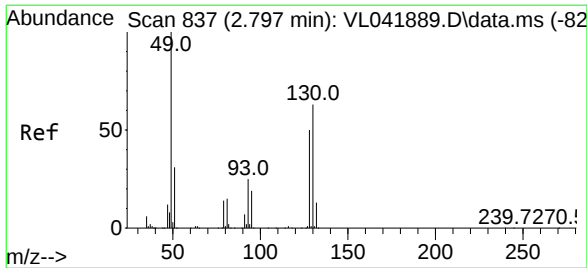
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Quant Time: Jan 21 05:09:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

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





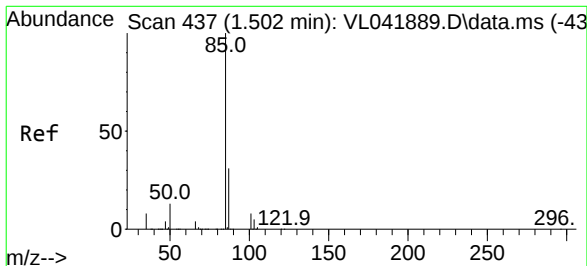
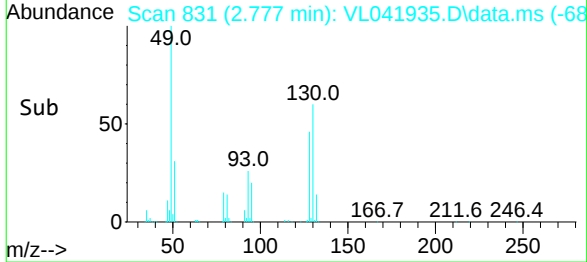
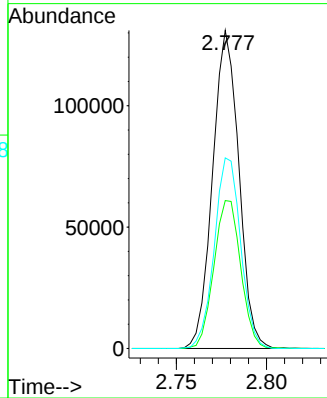
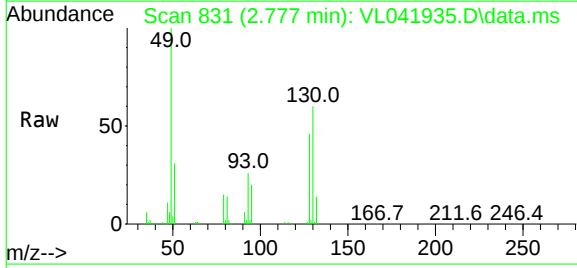
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 831
Delta R.T. -0.020 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 49 Resp: 132631
Ion Ratio Lower Upper
49 100
128 47.6 24.3 73.0
130 60.3 31.1 93.2

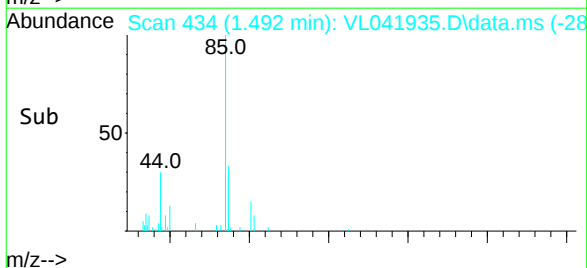
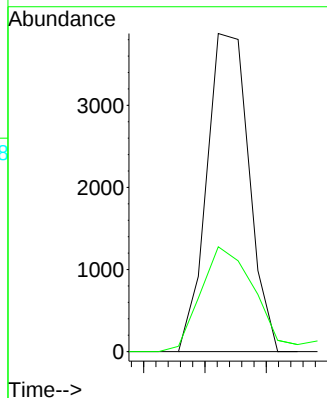
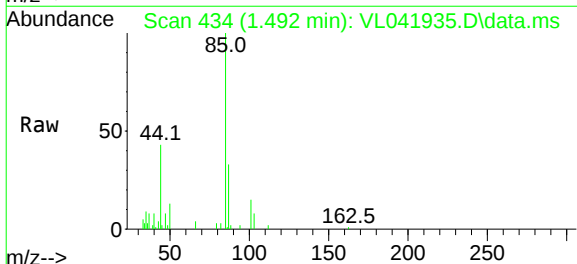
Manual Integrations
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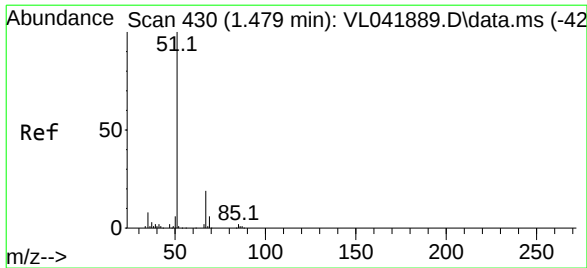
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#2
Dichlorodifluoromethane
Concen: 0.103 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.010 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

Tgt Ion: 85 Resp: 1861
Ion Ratio Lower Upper
85 100
87 31.3 24.9 37.3





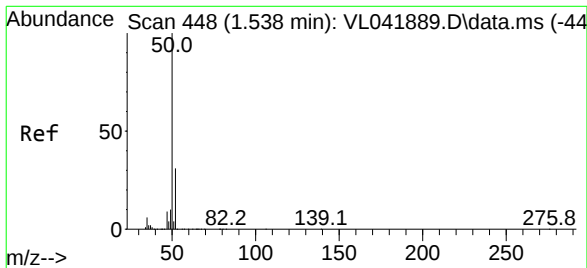
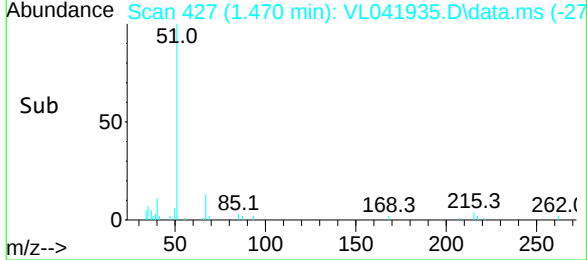
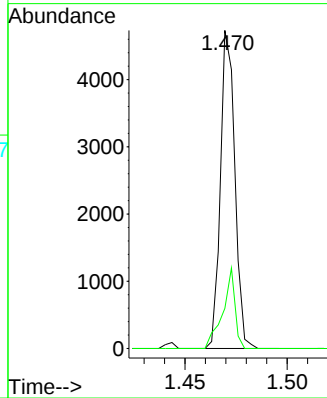
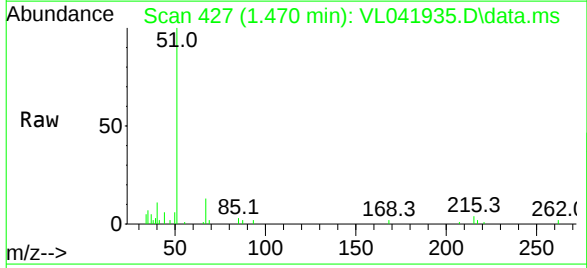
#3
Chlorodifluoromethane
Concen: 0.122 ppbv
RT: 1.470 min Scan# 42
Delta R.T. -0.010 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 51 Resp: 2317
Ion Ratio Lower Upper
51 100
67 21.5 15.0 22.4

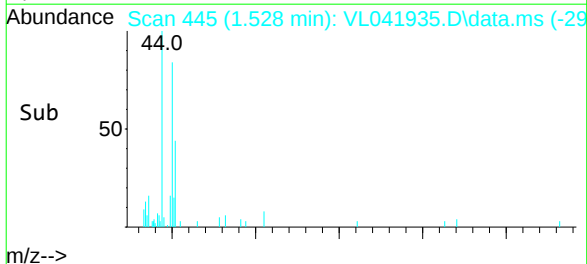
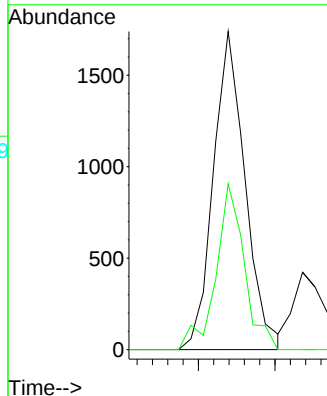
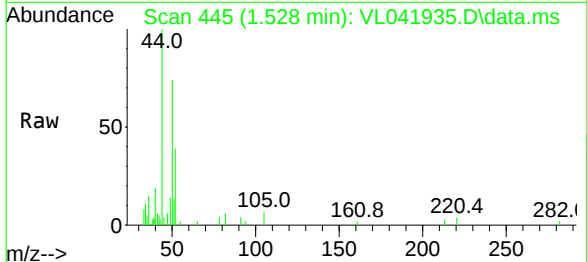
Manual Integrations
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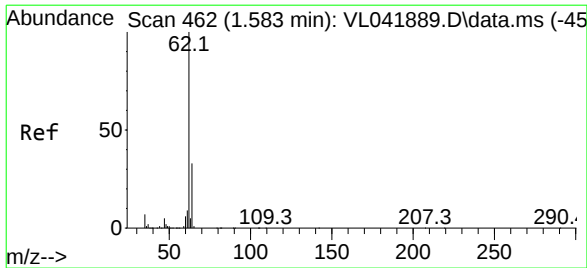
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#4
Chloromethane
Concen: 0.148 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.010 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

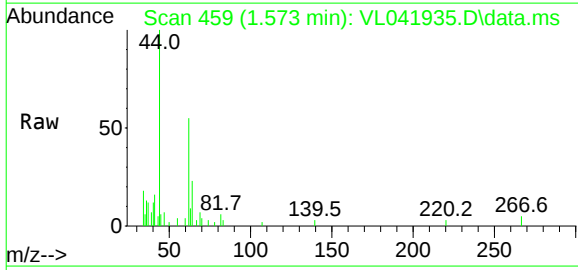
Tgt Ion: 50 Resp: 1003
Ion Ratio Lower Upper
50 100
52 52.2 24.6 36.8#





#5
 Vinyl Chloride
 Concen: 0.095 ppbv
 RT: 1.573 min Scan# 451
 Delta R.T. -0.010 min
 Lab File: VL041935.D
 Acq: 21 Jan 2025 00:01

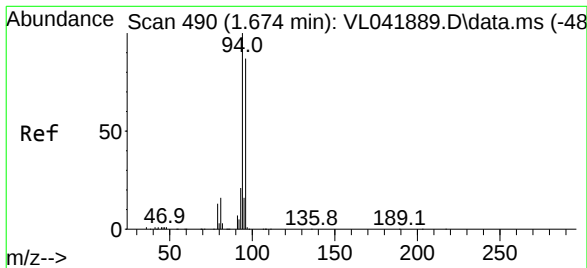
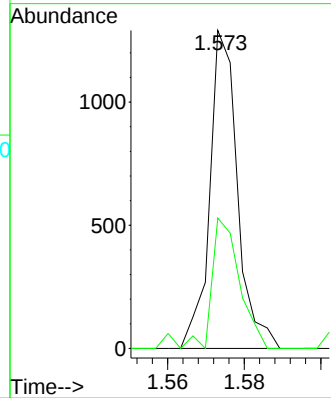
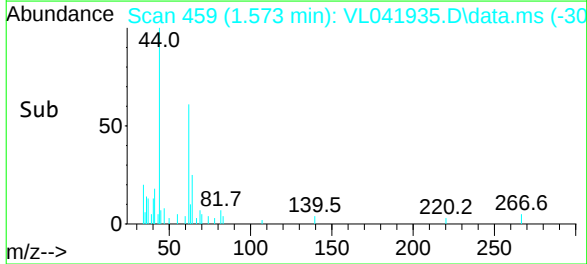
Instrument : MSVOA_L
 ClientSampleId : MDL 0.1



Tgt Ion: 62 Resp: 651
 Ion Ratio Lower Upper
 62 100
 64 41.0 26.1 39.1#

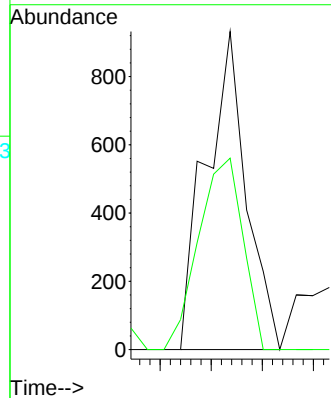
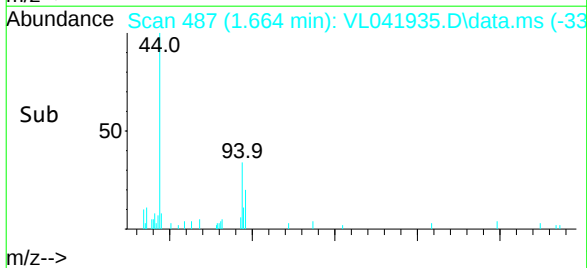
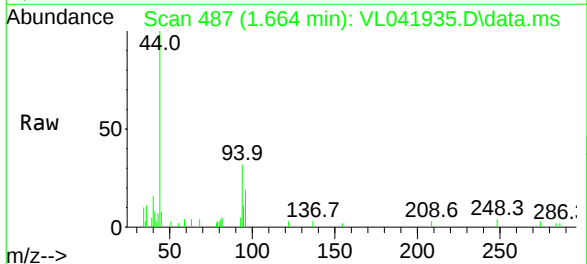
Manual Integrations
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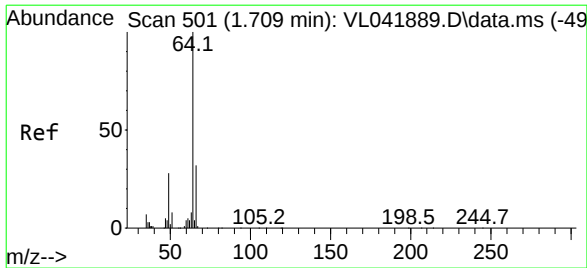
Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#6
 Bromomethane
 Concen: 0.157 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.010 min
 Lab File: VL041935.D
 Acq: 21 Jan 2025 00:01

Tgt Ion: 94 Resp: 515
 Ion Ratio Lower Upper
 94 100
 96 45.1 69.5 104.3#





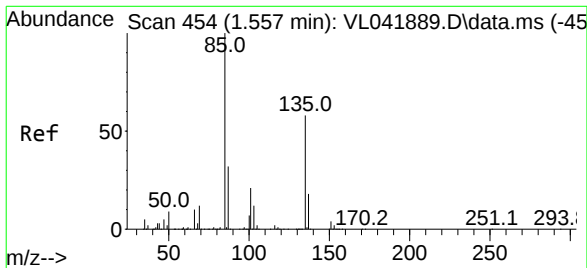
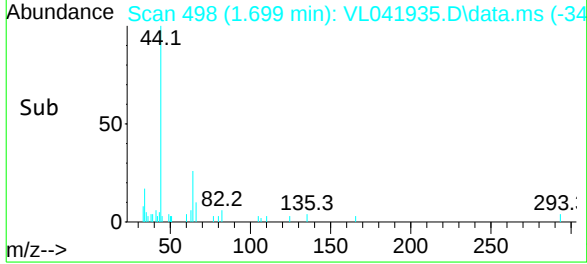
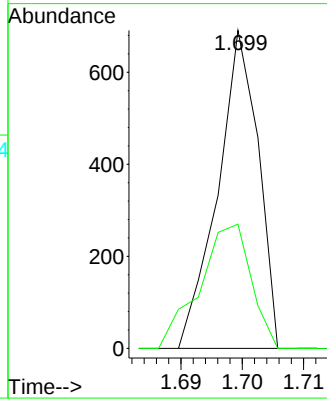
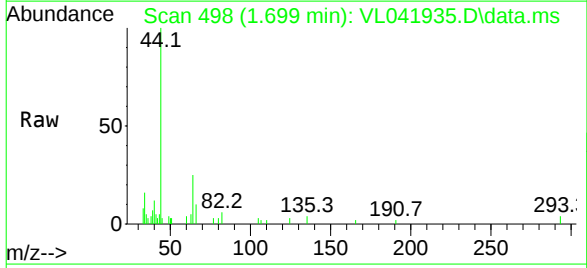
#7
Chloroethane
Concen: 0.118 ppbv
RT: 1.699 min Scan# 49
Delta R.T. -0.010 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 64 Resp: 317
Ion Ratio Lower Upper
64 100
66 39.1 25.7 38.5#

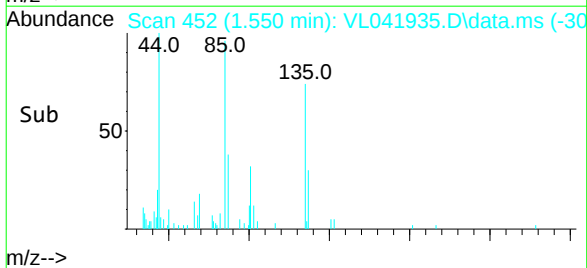
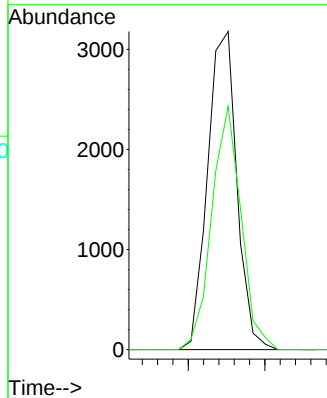
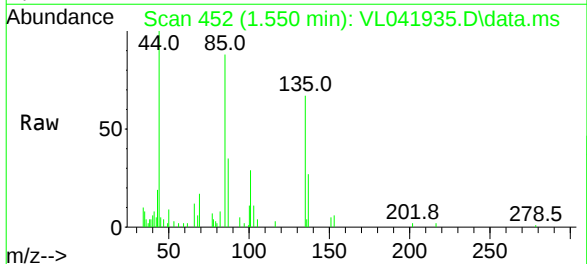
Manual Integrations
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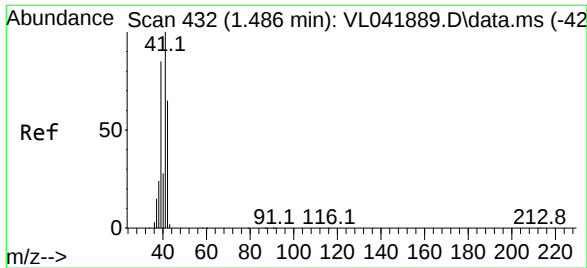
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#8
Dichlorotetrafluoroethane
Concen: 0.107 ppbv
RT: 1.550 min Scan# 452
Delta R.T. -0.007 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

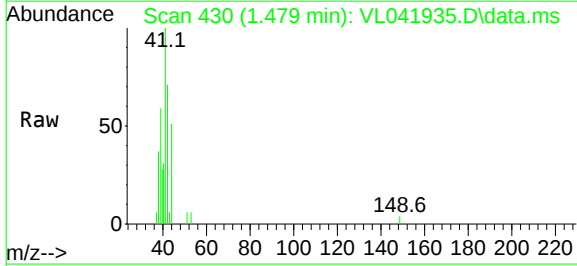
Tgt Ion: 85 Resp: 1691
Ion Ratio Lower Upper
85 100
135 76.5 50.0 75.0#





#9
 Propene
 Concen: 0.156 ppbv
 RT: 1.479 min Scan# 43
 Delta R.T. -0.007 min
 Lab File: VL041935.D
 Acq: 21 Jan 2025 00:01

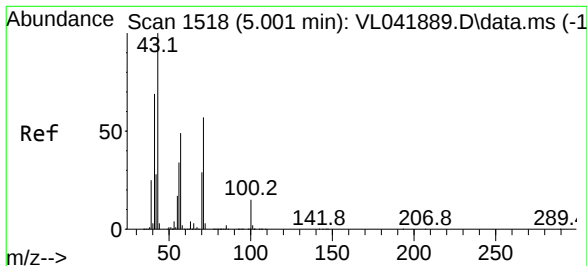
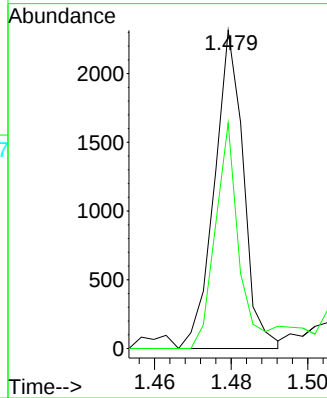
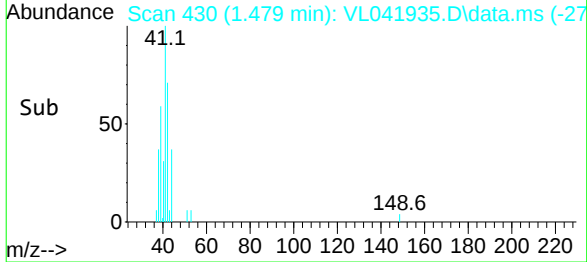
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



Tgt Ion: 41 Resp: 1218
 Ion Ratio Lower Upper
 41 100
 42 66.0 52.0 78.0

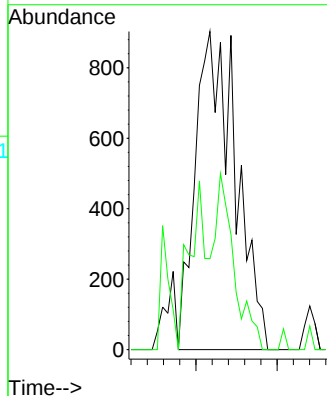
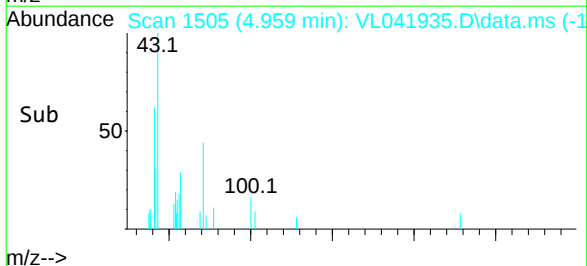
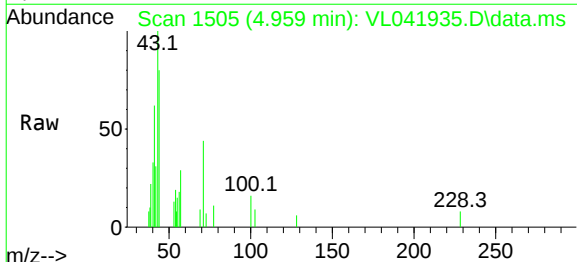
Manual Integrations
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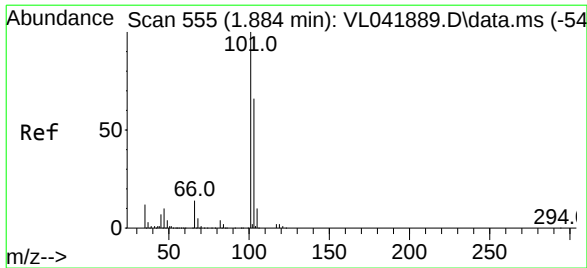
Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#10
 Heptane
 Concen: 0.075 ppbv m
 RT: 4.959 min Scan# 1505
 Delta R.T. -0.042 min
 Lab File: VL041935.D
 Acq: 21 Jan 2025 00:01

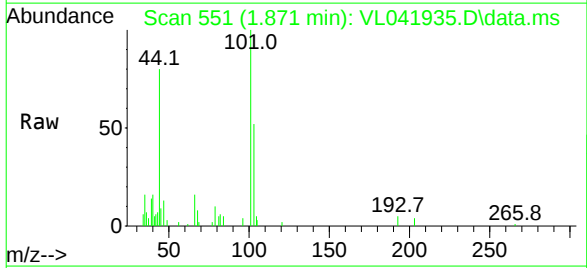
Tgt Ion: 43 Resp: 1556
 Ion Ratio Lower Upper
 43 100
 57 58.7 41.0 61.4





#11
 Trichlorofluoromethane
 Concen: 0.109 ppbv
 RT: 1.871 min Scan# 555
 Delta R.T. -0.013 min
 Lab File: VL041935.D
 Acq: 21 Jan 2025 00:01

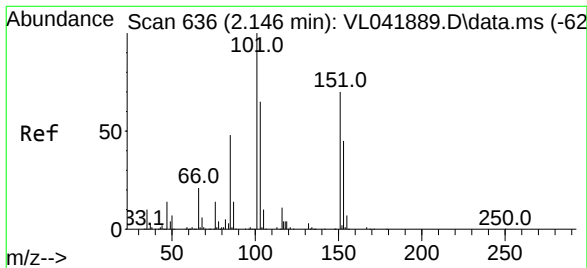
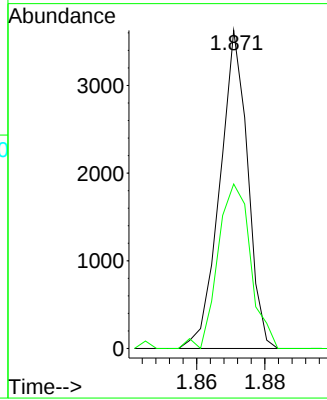
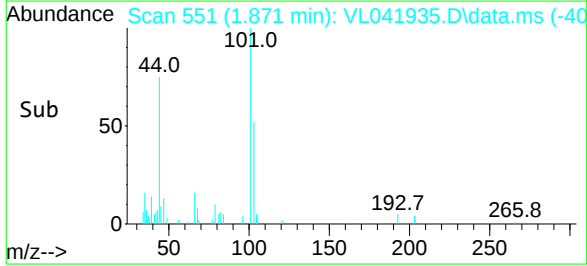
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



Tgt Ion:101 Resp: 2055
 Ion Ratio Lower Upper
 101 100
 103 51.7 53.1 79.7#

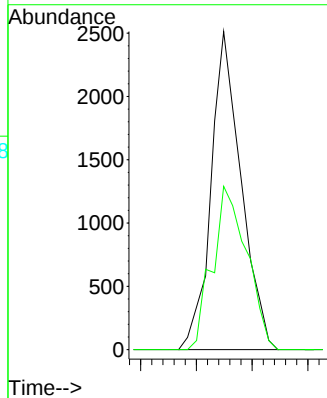
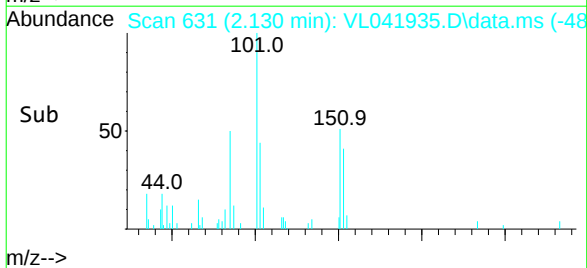
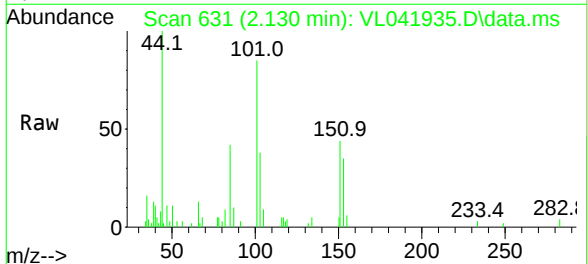
Manual Integrations
 APPROVED

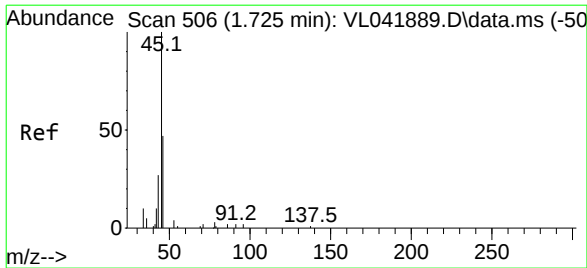
Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.128 ppbv
 RT: 2.130 min Scan# 631
 Delta R.T. -0.016 min
 Lab File: VL041935.D
 Acq: 21 Jan 2025 00:01

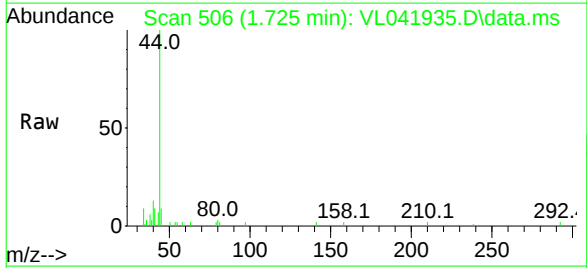
Tgt Ion:101 Resp: 1888
 Ion Ratio Lower Upper
 101 100
 151 58.7 56.1 84.1





#13
Ethanol
Concen: 0.287 ppbv m
RT: 1.725 min Scan# 50
Delta R.T. -0.000 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

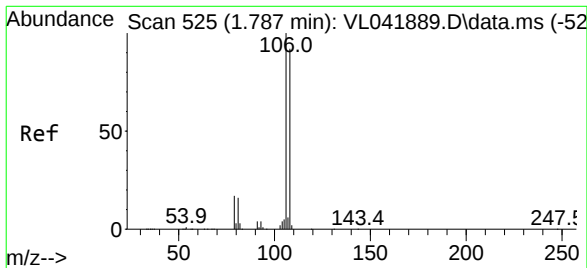
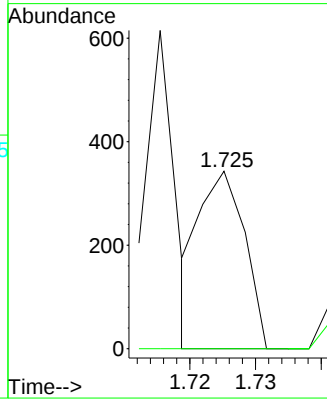
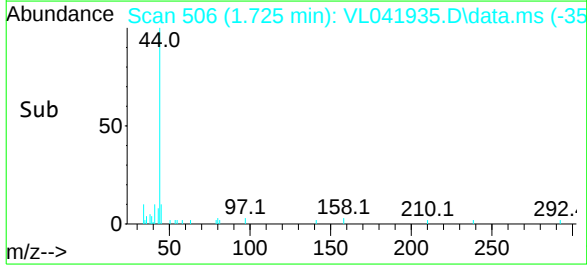
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



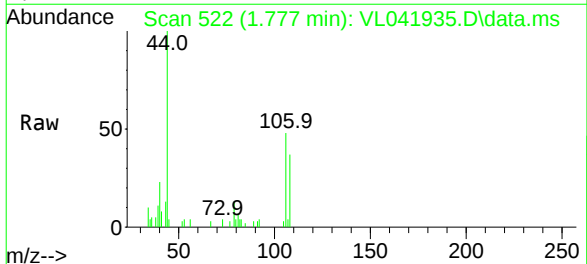
Tgt Ion: 45 Resp: 164
Ion Ratio Lower Upper
45 100
46 0.0 18.1 72.5#

Manual Integrations
APPROVED

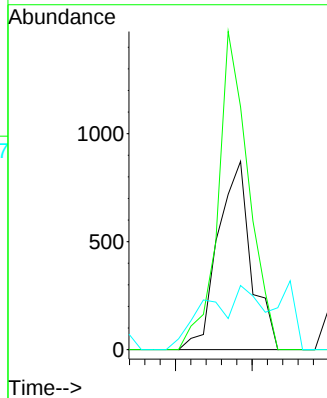
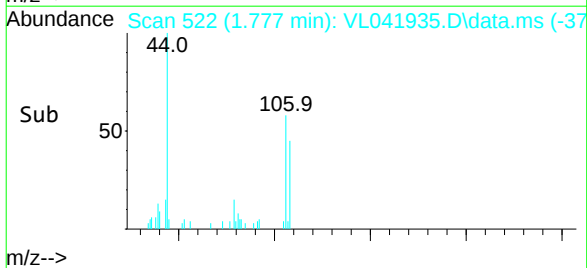
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

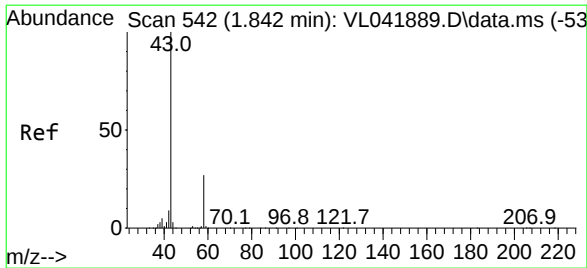


#14
Bromoethene
Concen: 0.098 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.010 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01



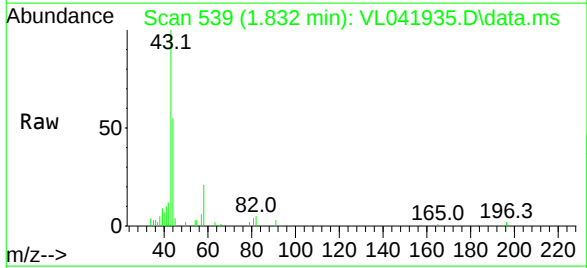
Tgt Ion:108 Resp: 526
Ion Ratio Lower Upper
108 100
106 156.1 85.5 128.3#
79 0.0 15.3 22.9#





#15
Acetone
Concen: 0.180 ppbv
RT: 1.832 min Scan# 531
Delta R.T. -0.010 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

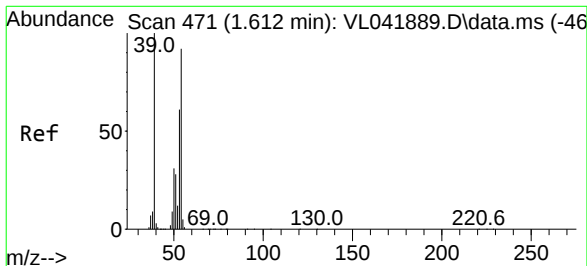
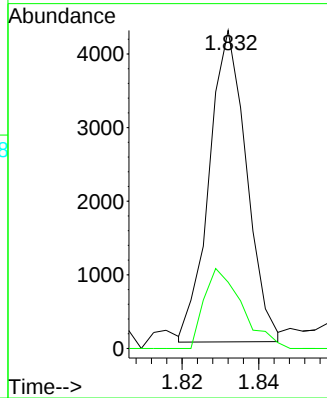
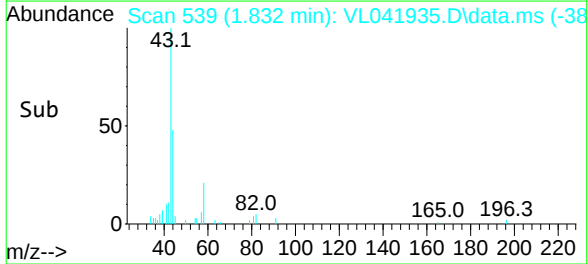
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



Tgt Ion: 43 Resp: 2865
Ion Ratio Lower Upper
43 100
58 26.1 21.9 32.9

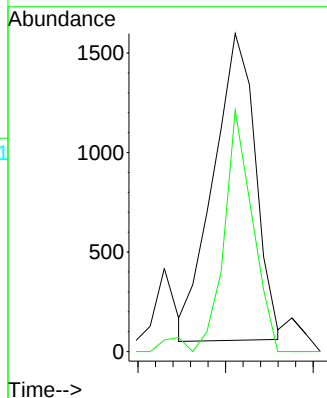
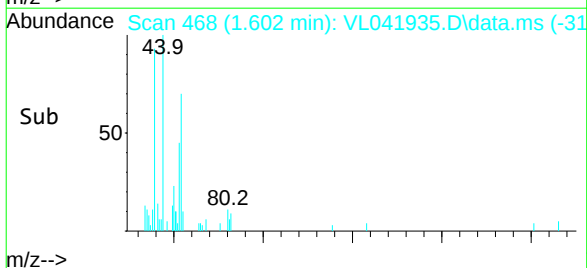
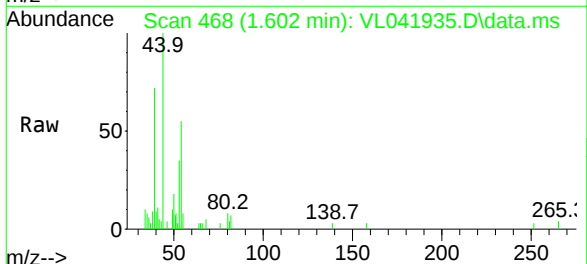
Manual Integrations
APPROVED

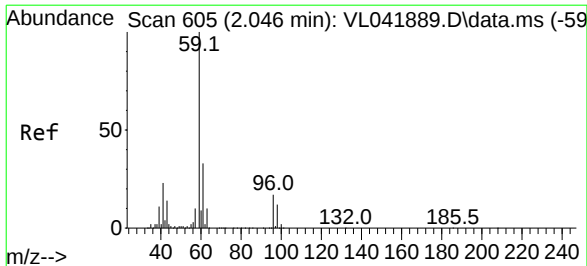
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#16
1,3-Butadiene
Concen: 0.143 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.010 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

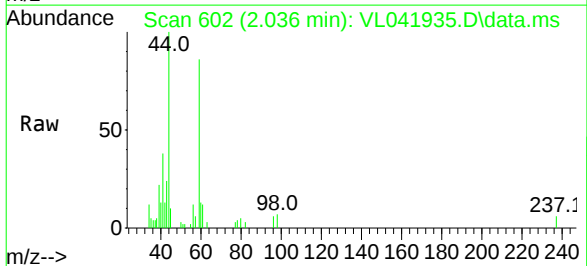
Tgt Ion: 39 Resp: 1026
Ion Ratio Lower Upper
39 100
54 55.2 61.6 92.4#





#17
tert-Butyl alcohol
Concen: 0.100 ppbv
RT: 2.036 min Scan# 600
Delta R.T. -0.010 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

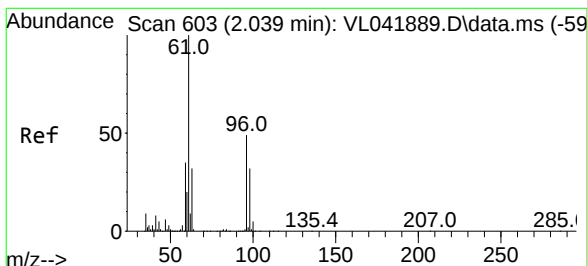
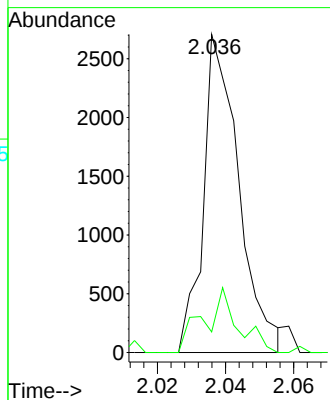
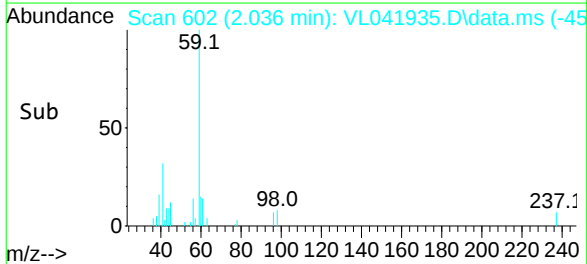
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



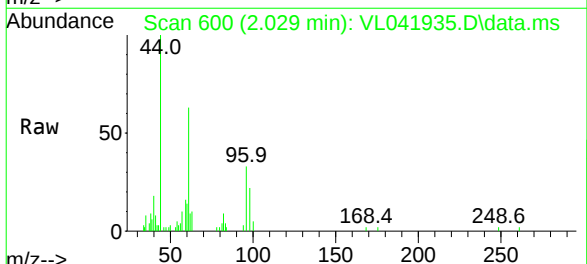
Tgt Ion: 59 Resp: 1953
Ion Ratio Lower Upper
59 100
57 21.1 7.8 11.8

Manual Integrations
APPROVED

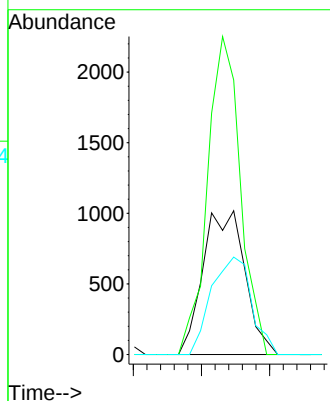
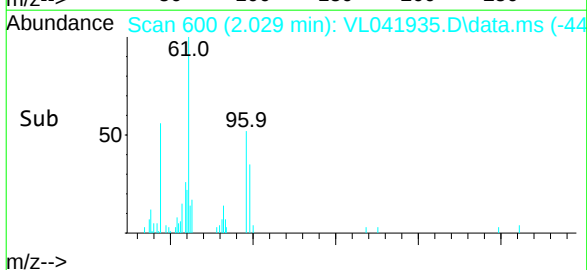
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

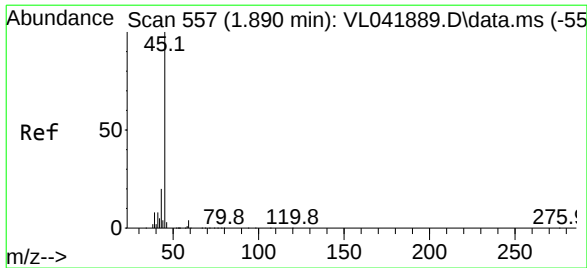


#18
1,1-Dichloroethene
Concen: 0.131 ppbv
RT: 2.029 min Scan# 600
Delta R.T. -0.010 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01



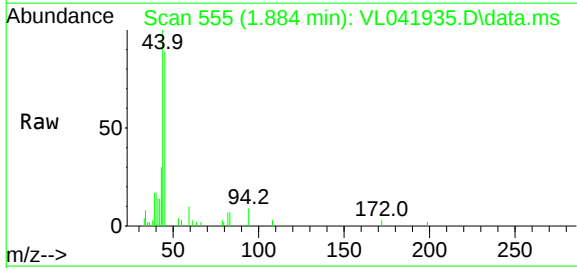
Tgt Ion: 96 Resp: 870
Ion Ratio Lower Upper
96 100
61 191.0 163.1 244.7
98 67.8 52.7 79.1





#19
Isopropyl Alcohol
Concen: 0.206 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.007 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

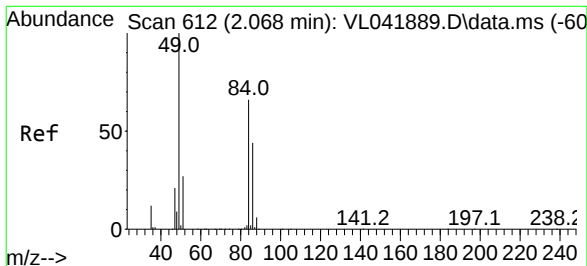
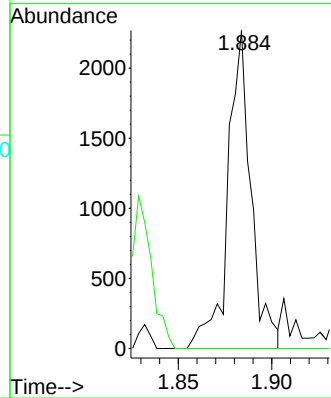
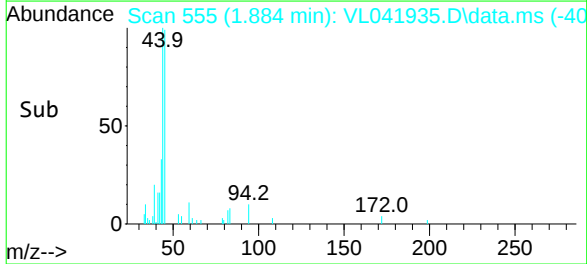
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



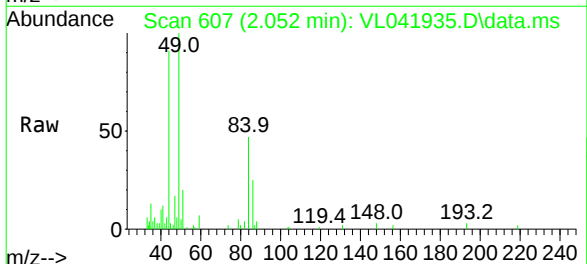
Tgt Ion: 45 Resp: 1946
Ion Ratio Lower Upper
45 100
58 0.0 35.0 52.6#

Manual Integrations
APPROVED

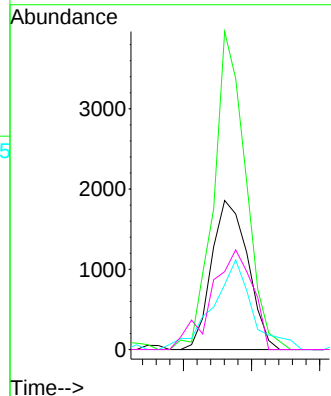
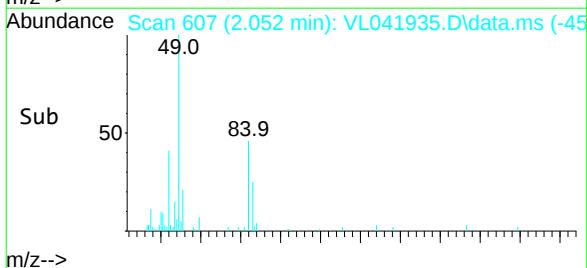
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

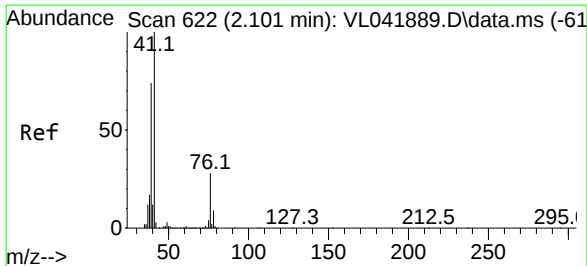


#20
Methylene Chloride
Concen: 0.219 ppbv
RT: 2.052 min Scan# 607
Delta R.T. -0.016 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01



Tgt Ion: 84 Resp: 1379
Ion Ratio Lower Upper
84 100
49 207.9 123.1 184.7#
51 36.3 35.8 53.8
86 52.3 53.7 80.5#





#21

Allyl Chloride

Concen: 0.110 ppbv

RT: 2.088 min Scan# 61

Delta R.T. -0.013 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

Instrument :

MSVOA_L

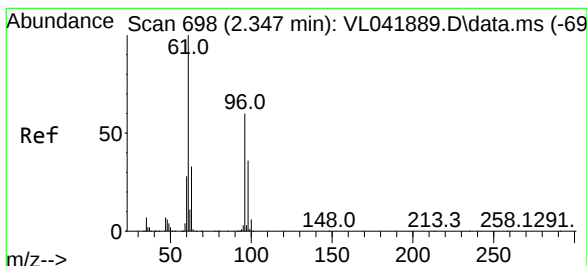
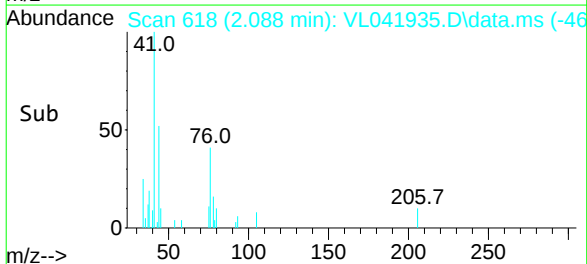
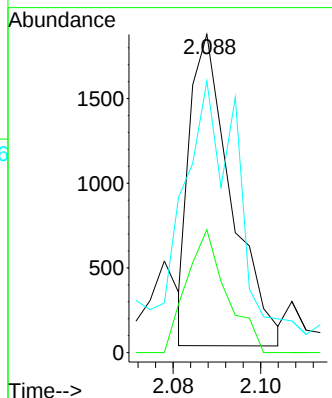
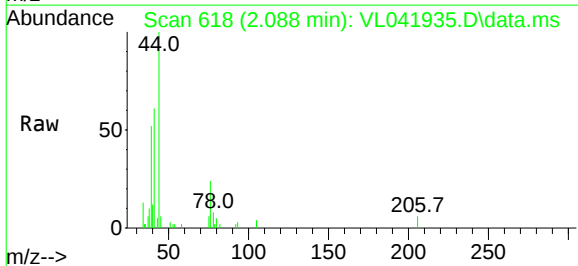
ClientSampleId :

MDL 0.1

Tgt Ion:	41	Resp:	1209
Ion	Ratio	Lower	Upper
41	100		
76	38.3	24.2	36.4
39	122.2	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: 0.122 ppbv m

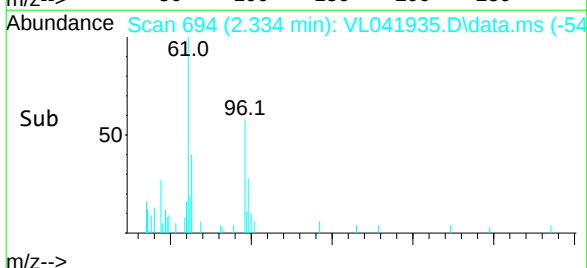
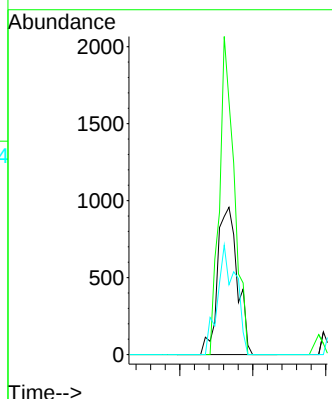
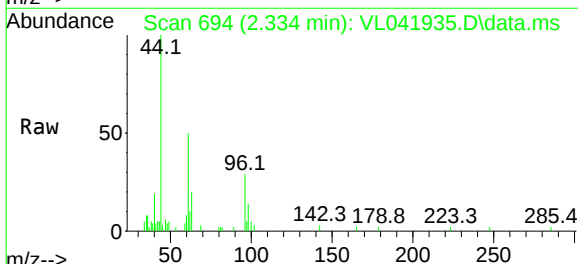
RT: 2.334 min Scan# 694

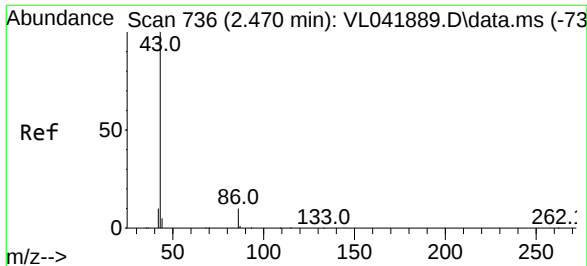
Delta R.T. -0.013 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

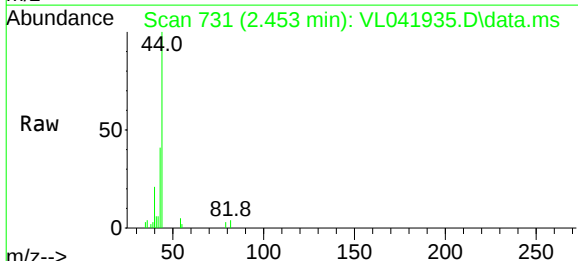
Tgt Ion:	96	Resp:	912
Ion	Ratio	Lower	Upper
96	100		
61	171.9	134.5	201.7
98	47.4	48.9	73.3





#23
 Vinyl Acetate
 Concen: 0.159 ppbv
 RT: 2.453 min Scan# 731
 Delta R.T. -0.016 min
 Lab File: VL041935.D
 Acq: 21 Jan 2025 00:01

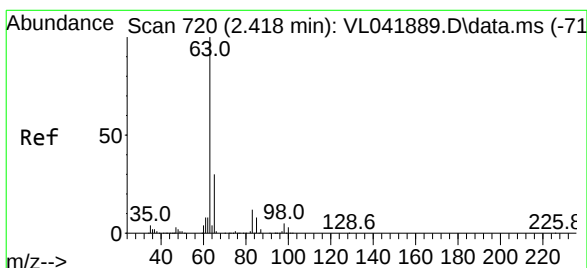
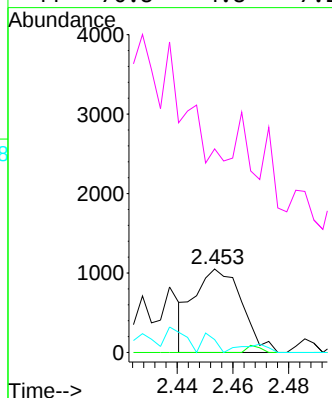
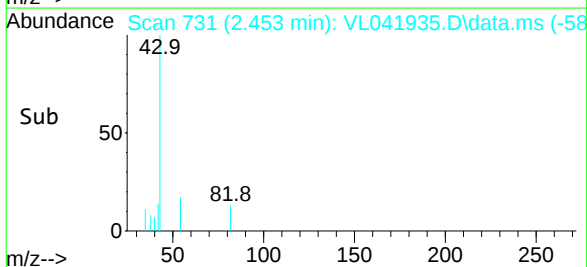
Instrument : MSVOA_L
 ClientSampleId : MDL 0.1



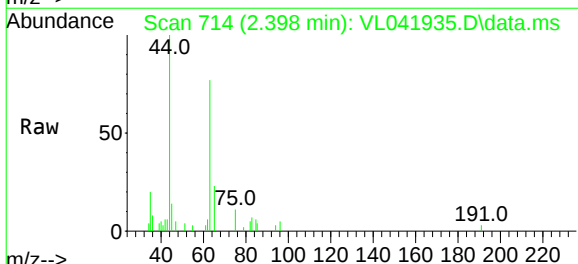
Tgt Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#
42	15.4	8.5	12.7#
44	70.8	4.8	7.2#

Manual Integrations
 APPROVED

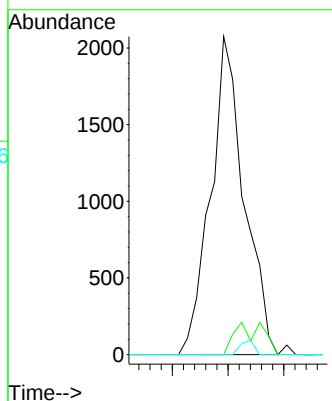
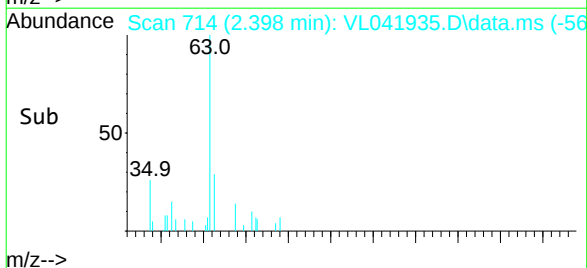
Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025

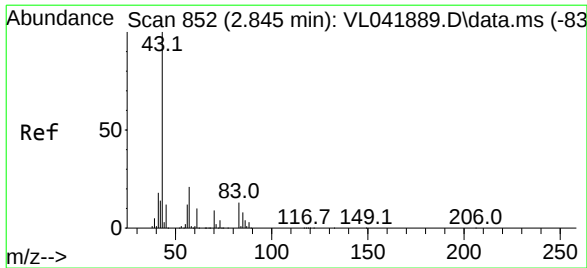


#24
 1,1-Dichloroethane
 Concen: 0.119 ppbv
 RT: 2.398 min Scan# 714
 Delta R.T. -0.020 min
 Lab File: VL041935.D
 Acq: 21 Jan 2025 00:01



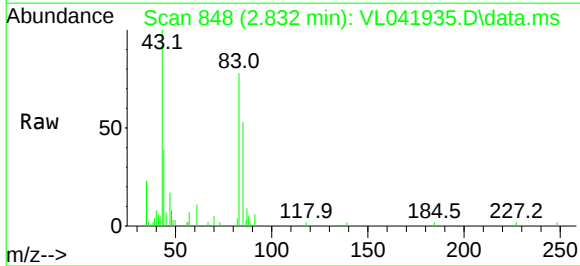
Tgt Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.6	7.8#
100	0.0	1.4	4.2#





#25
Ethyl Acetate
Concen: 0.095 ppbv m
RT: 2.832 min Scan# 84
Delta R.T. -0.013 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

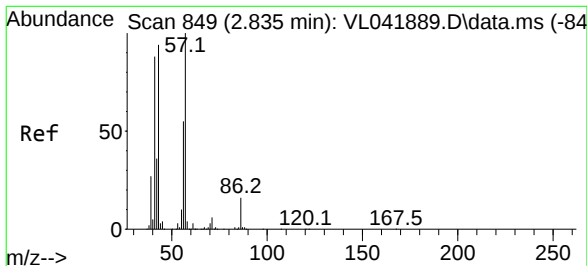
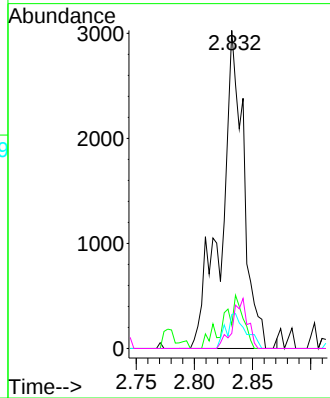
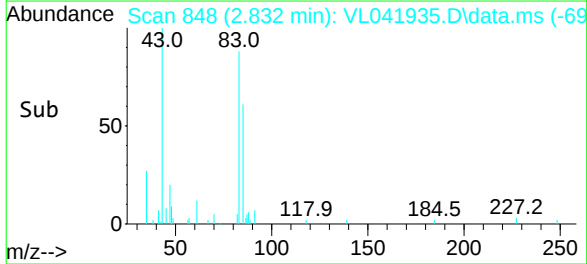
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



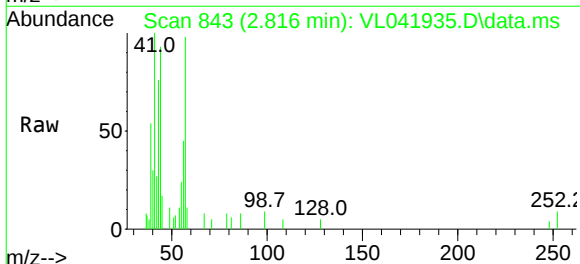
Tgt Ion: 43 Resp: 4096
Ion Ratio Lower Upper
43 100
45 0.0 8.2 12.2#
61 0.0 7.4 11.0#
70 0.0 7.0 10.4#

Manual Integrations
APPROVED

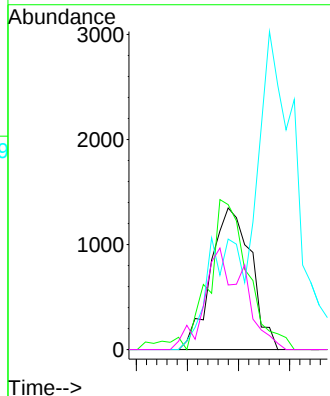
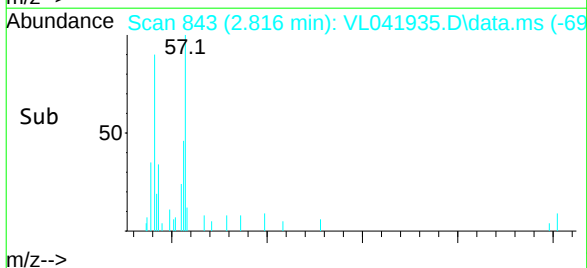
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

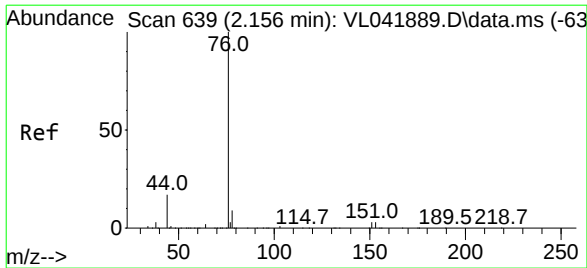


#26
Hexane
Concen: 0.087 ppbv
RT: 2.816 min Scan# 843
Delta R.T. -0.020 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01



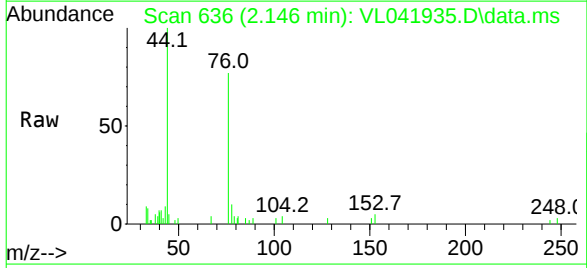
Tgt Ion: 57 Resp: 1475
Ion Ratio Lower Upper
57 100
41 104.5 73.8 110.8
43 277.3 197.3 295.9
56 70.2 42.7 64.1#





#27
Carbon Disulfide
Concen: 0.101 ppbv
RT: 2.146 min Scan# 639
Delta R.T. -0.010 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

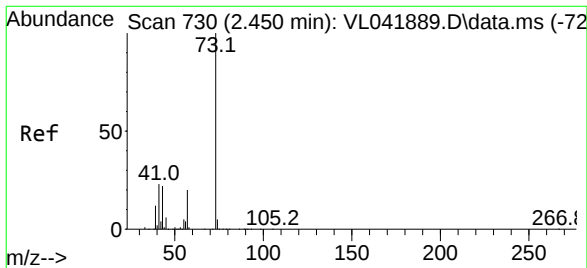
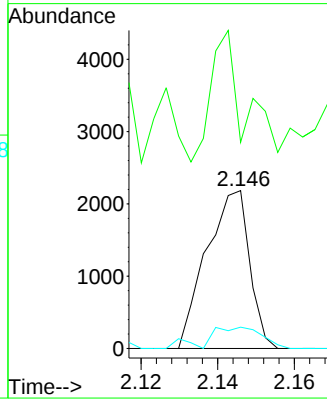
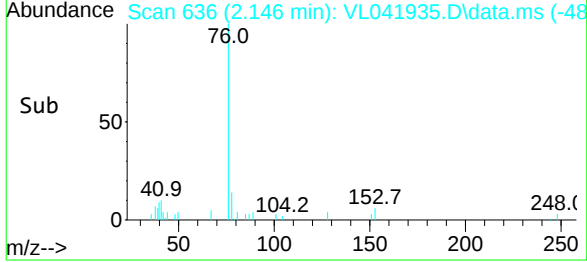
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



Tgt Ion: 76 Resp: 1704
Ion Ratio Lower Upper
76 100
44 314.0 15.4 23.0#
78 17.3 9.3 13.9#

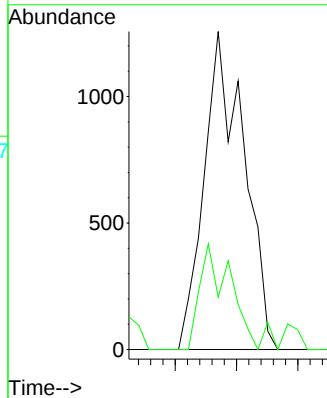
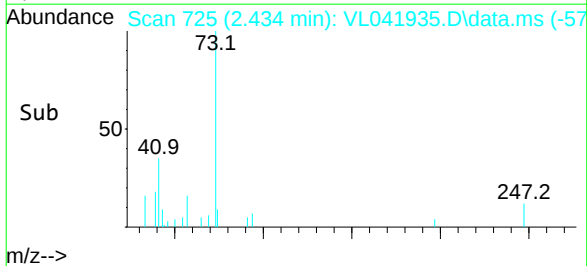
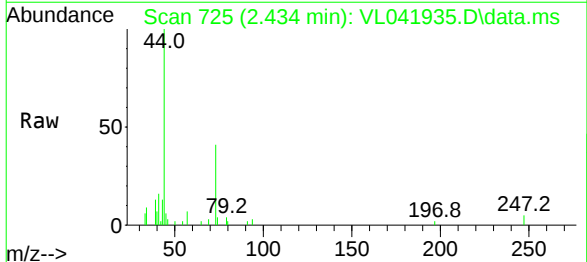
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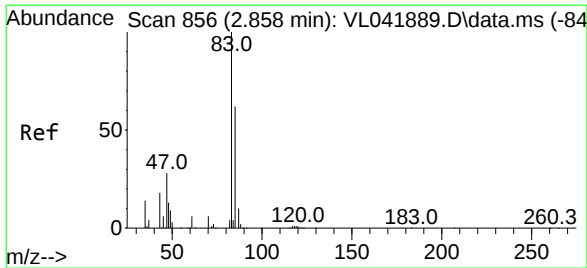
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#28
Methyl tert-Butyl Ether
Concen: 0.087 ppbv
RT: 2.434 min Scan# 725
Delta R.T. -0.016 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

Tgt Ion: 73 Resp: 1133
Ion Ratio Lower Upper
73 100
57 30.0 18.1 27.1#





#29

Chloroform

Concen: 0.127 ppbv m

RT: 2.835 min Scan# 84

Delta R.T. -0.023 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion: 83 Resp: 3398

Ion Ratio Lower Upper

83 100

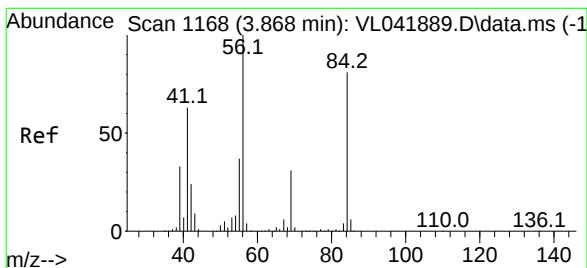
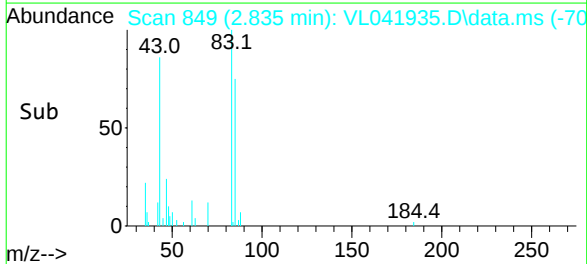
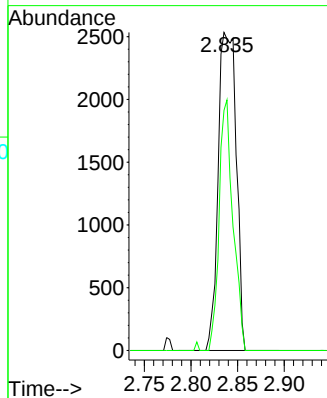
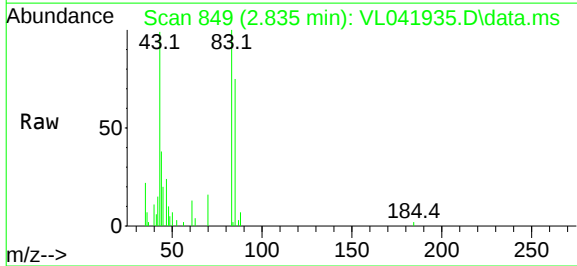
85 75.5 50.1 75.1#

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/21/2025

Supervised By :Mahesh Dadoda 01/21/2025



#30

Cyclohexane

Concen: 0.094 ppbv m

RT: 3.848 min Scan# 1162

Delta R.T. -0.020 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

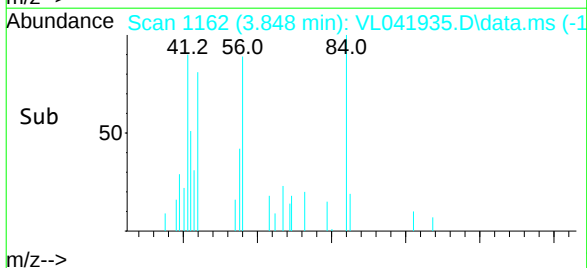
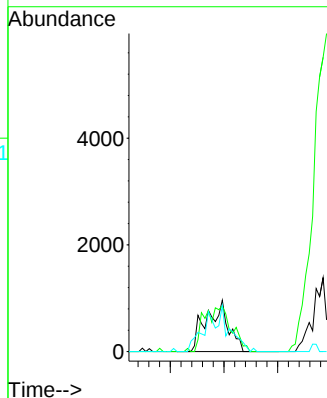
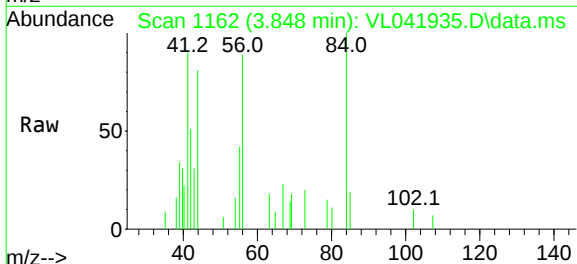
Tgt Ion: 84 Resp: 1381

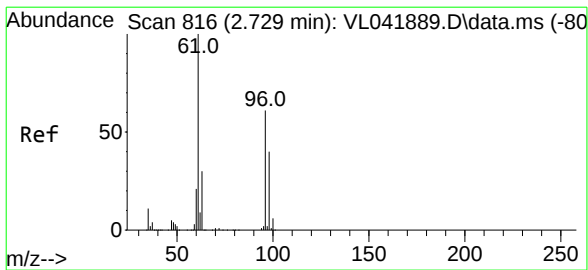
Ion Ratio Lower Upper

84 100

56 0.0 99.3 148.9#

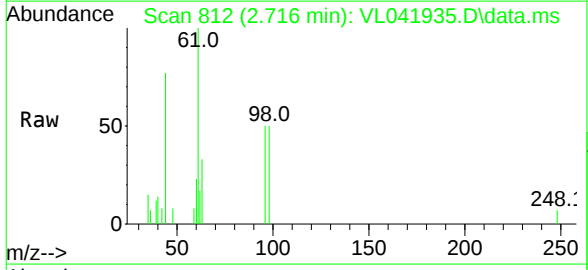
41 0.0 64.3 96.5#





#31
 cis-1,2-Dichloroethene
 Concen: 0.092 ppbv
 RT: 2.716 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL041935.D
 Acq: 21 Jan 2025 00:01

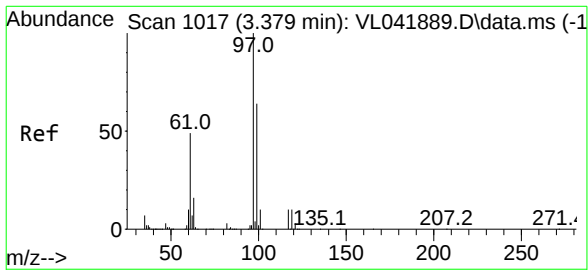
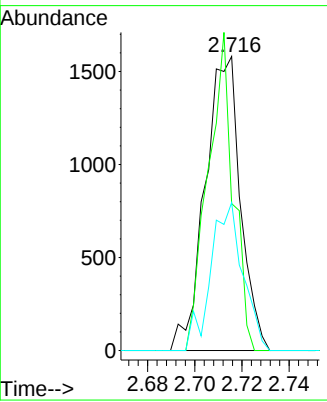
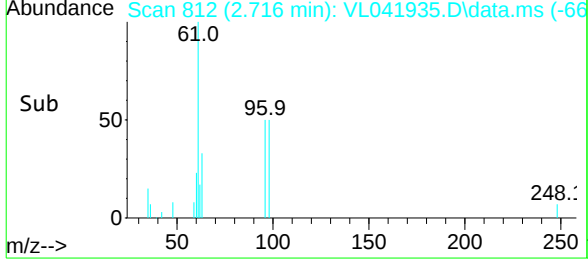
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



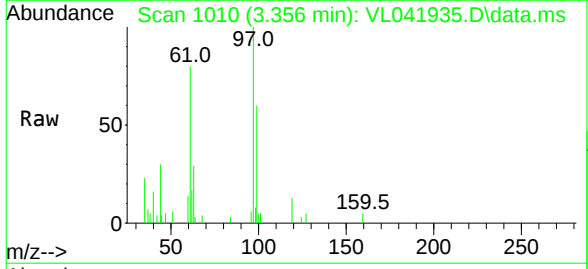
Tgt Ion	Ratio	Lower	Upper
61	100		
96	50.0	48.7	73.1
98	50.3	31.6	47.4

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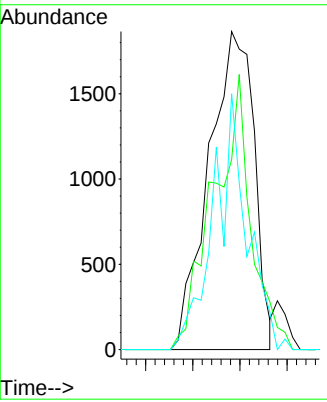
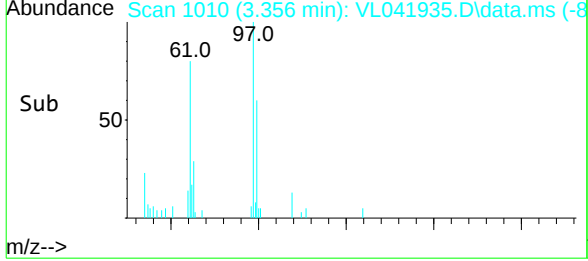
Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025

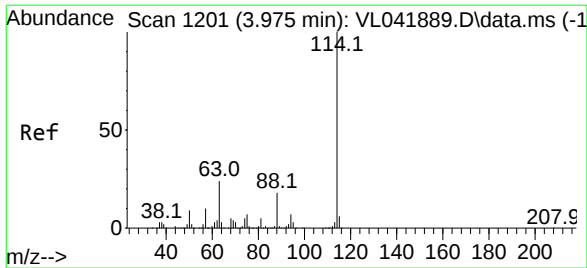


#32
 1,1,1-Trichloroethane
 Concen: 0.097 ppbv
 RT: 3.356 min Scan# 1010
 Delta R.T. -0.023 min
 Lab File: VL041935.D
 Acq: 21 Jan 2025 00:01



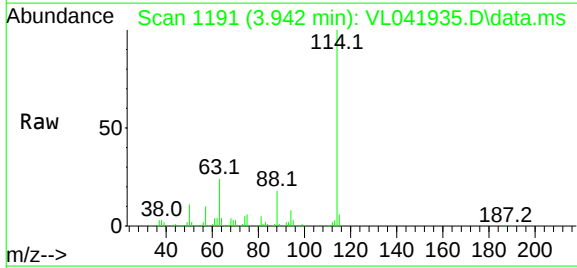
Tgt Ion	Ratio	Lower	Upper
97	100		
99	71.4	51.1	76.7
61	58.9	39.0	58.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.942 min Scan# 11
Delta R.T. -0.032 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

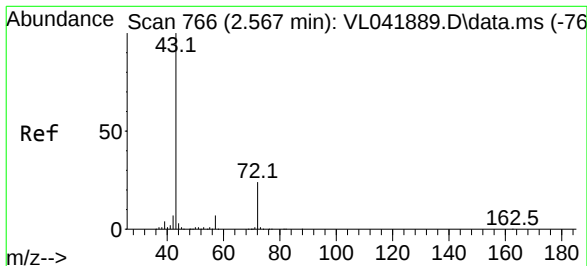
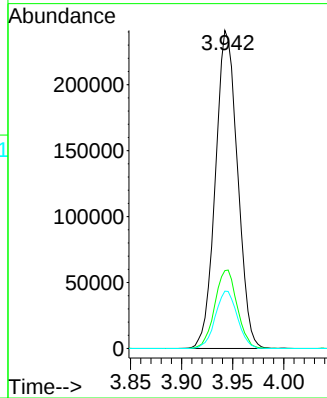
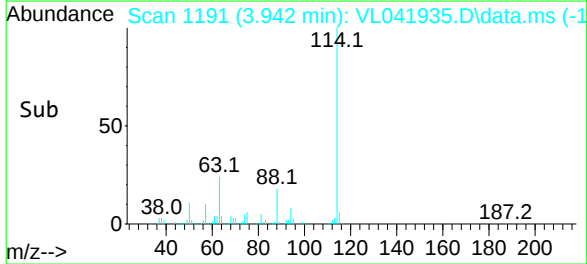
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 114 Resp: 362883
Ion Ratio Lower Upper
114 100
63 25.0 19.8 29.6
88 18.0 14.4 21.6

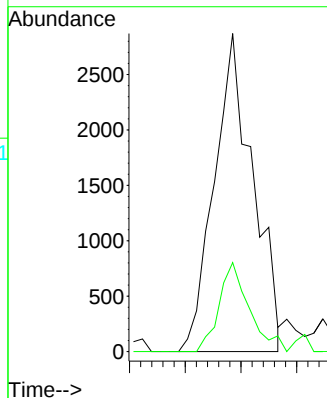
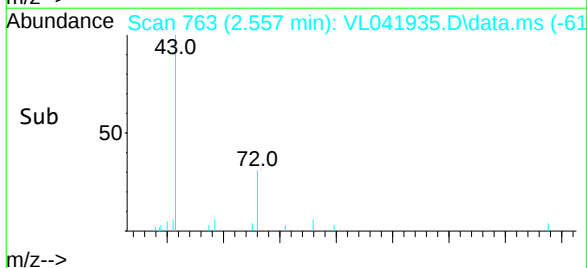
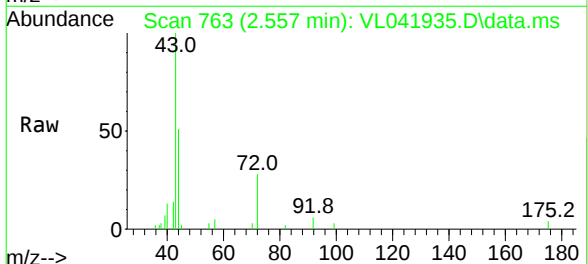
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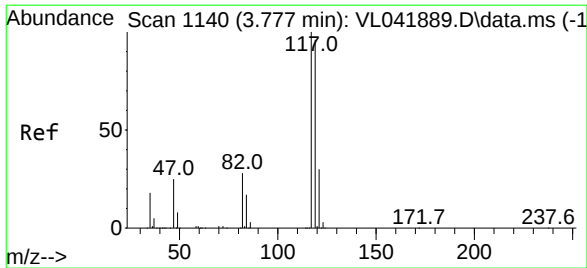
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#34
2-Butanone
Concen: 0.120 ppbv
RT: 2.557 min Scan# 763
Delta R.T. -0.010 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

Tgt Ion: 43 Resp: 2764
Ion Ratio Lower Upper
43 100
72 23.6 18.6 28.0





#35

Carbon Tetrachloride

Concen: 0.114 ppbv m

RT: 3.748 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL041935.D

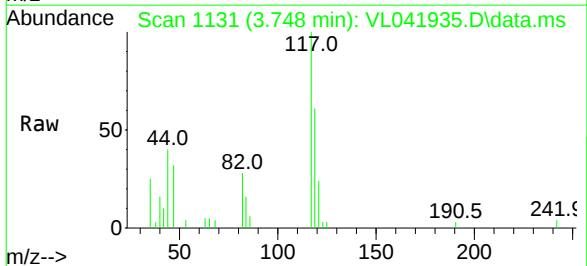
Acq: 21 Jan 2025 00:01

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

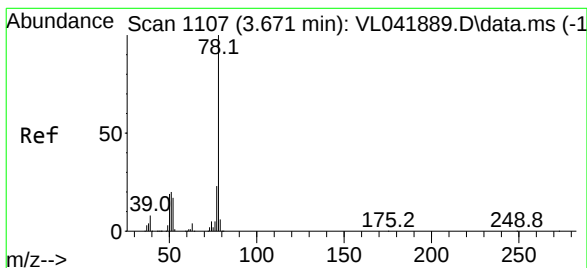
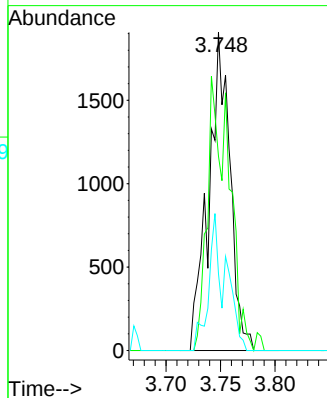
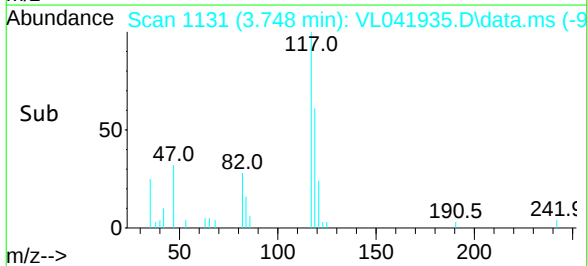


Tgt	Ion:117	Resp:	2595
Ion	Ratio	Lower	Upper
117	100		
119	61.1	76.9	115.3#
121	24.1	23.8	35.6

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 m

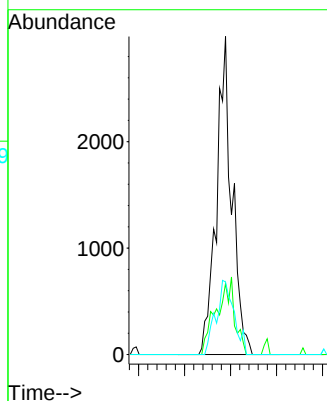
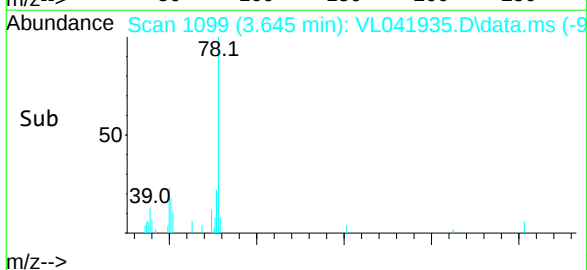
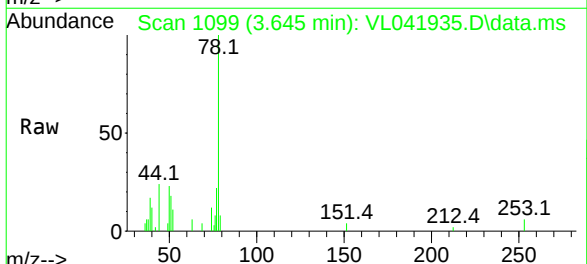
RT: 3.645 min Scan# 1099

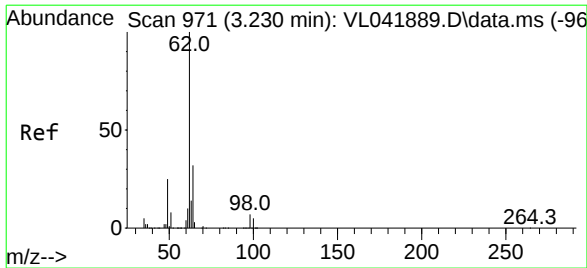
Delta R.T. -0.026 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

Tgt	Ion: 78	Resp:	3481
Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.1	27.1
50	22.8	15.2	22.8#





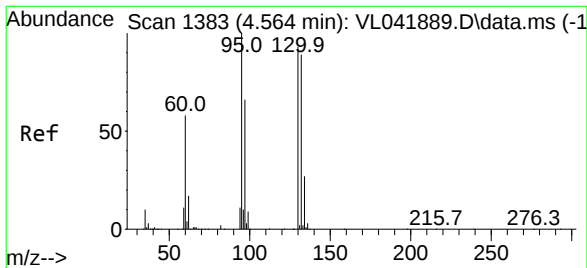
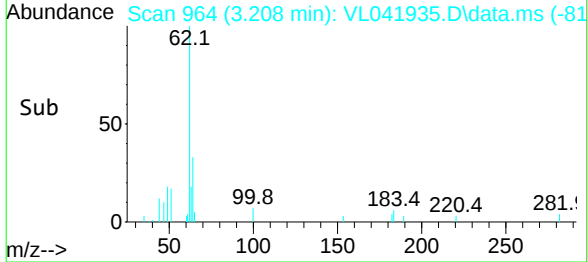
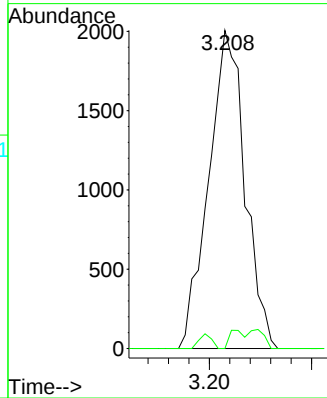
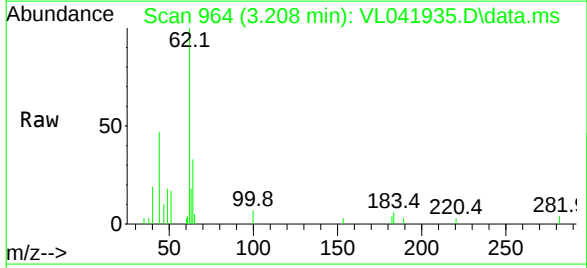
#37
1,2-Dichloroethane
Concen: 0.132 ppbv
RT: 3.208 min Scan# 96
Delta R.T. -0.023 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 62 Resp: 2469
Ion Ratio Lower Upper
62 100
98 6.4 5.4 8.0

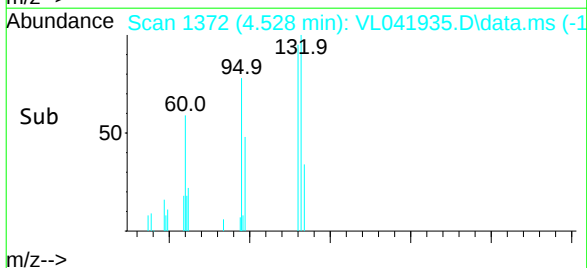
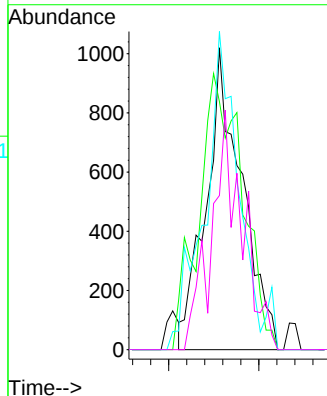
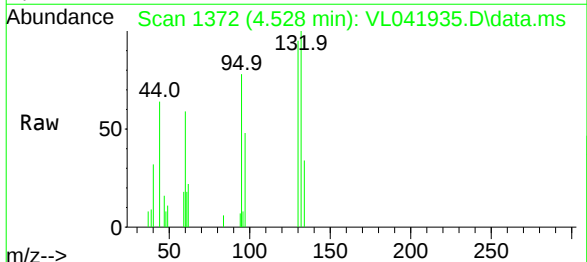
Manual Integrations
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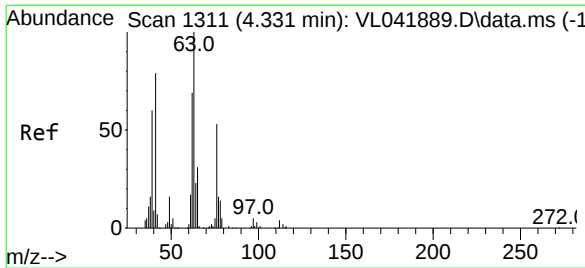
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#38
Trichloroethene
Concen: 0.106 ppbv
RT: 4.528 min Scan# 1372
Delta R.T. -0.036 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

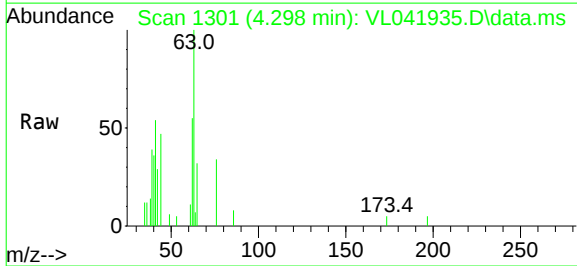
Tgt Ion:130 Resp: 1398
Ion Ratio Lower Upper
130 100
95 82.2 85.8 128.8#
132 105.4 76.5 114.7
97 51.1 56.8 85.2#





#39
1,2-Dichloropropane
Concen: 0.126 ppbv m
RT: 4.298 min Scan# 1311
Delta R.T. -0.032 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

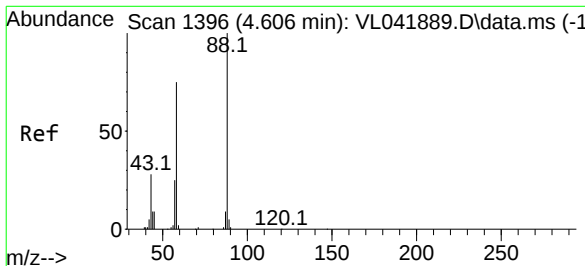
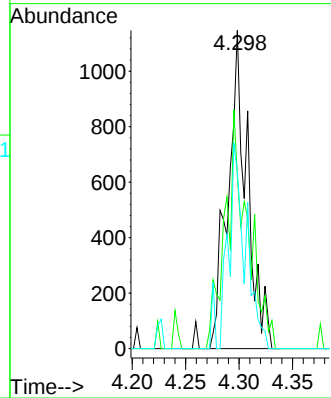
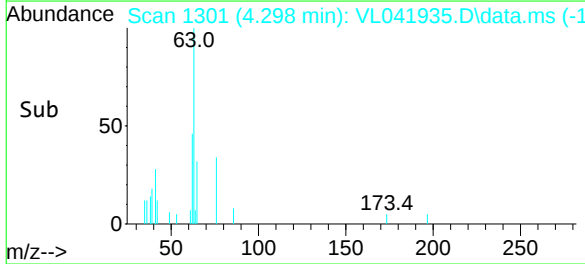
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



Tgt Ion: 63 Resp: 1468
Ion Ratio Lower Upper
63 100
41 54.5 63.7 95.5#
62 55.3 55.4 83.2#

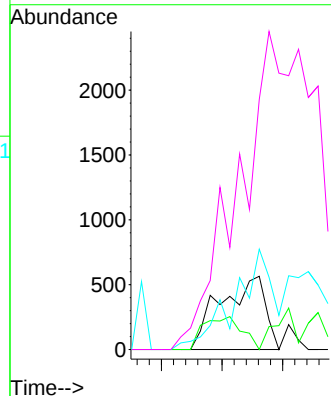
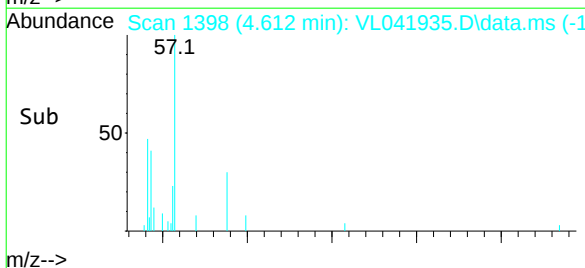
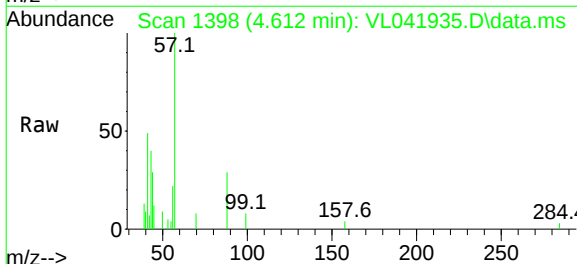
Manual Integrations
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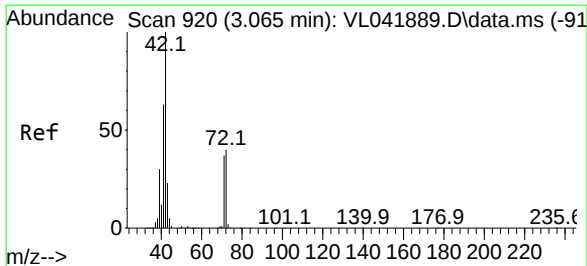
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#40
1,4-Dioxane
Concen: 0.098 ppbv m
RT: 4.612 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

Tgt Ion: 88 Resp: 579
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: 0.123 ppbv m

RT: 3.065 min Scan# 92

Delta R.T. -0.000 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

Instrument :

MSVOA_L

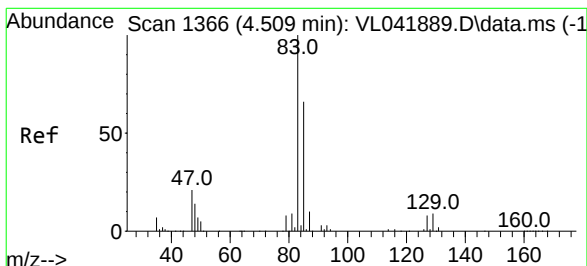
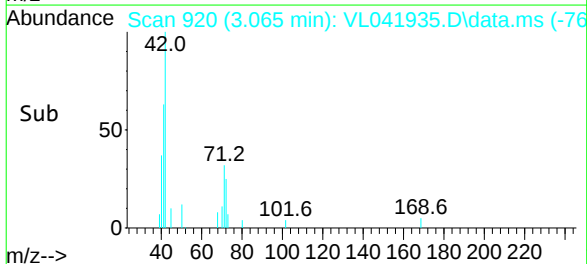
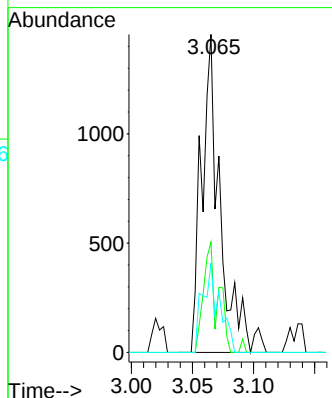
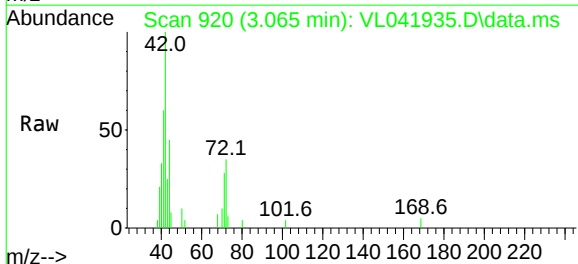
ClientSampleId :

MDL 0.1

Tgt Ion:	42	Resp:	1539
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.3	48.5#
71	0.0	29.9	44.9#

Manual Integrations
APPROVED

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



#42

Bromodichloromethane

Concen: 0.134 ppbv m

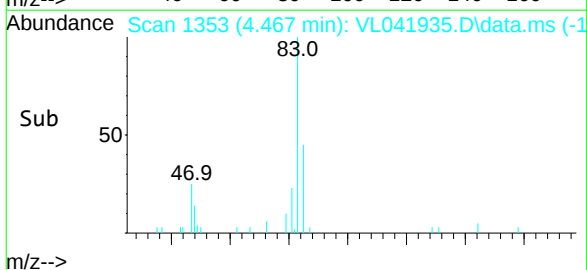
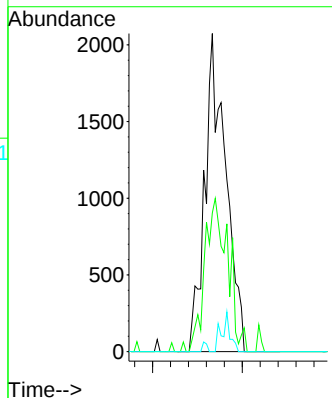
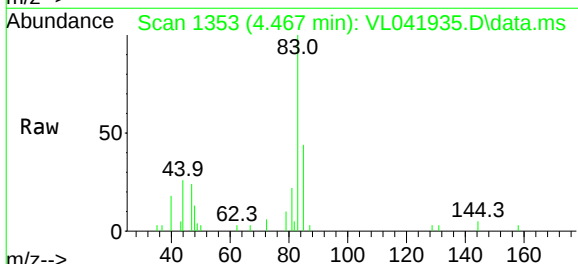
RT: 4.467 min Scan# 1353

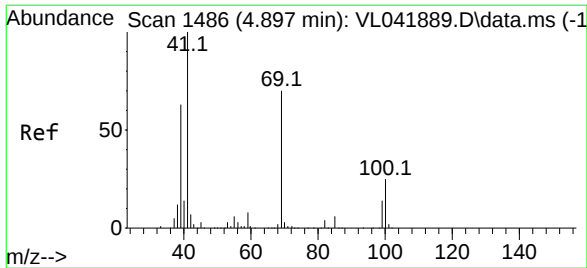
Delta R.T. -0.042 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

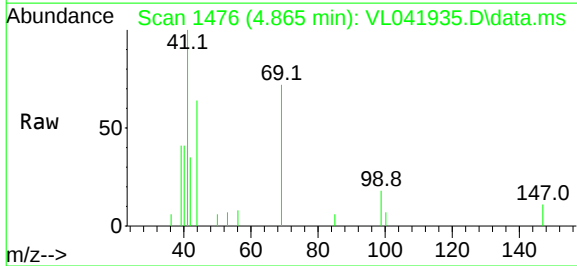
Tgt Ion:	83	Resp:	3356
Ion	Ratio	Lower	Upper
83	100		
85	43.6	52.6	78.8#
127	0.0	6.4	9.6#





#43
Methyl Methacrylate
Concen: 0.071 ppbv
RT: 4.865 min Scan# 1486
Delta R.T. -0.032 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

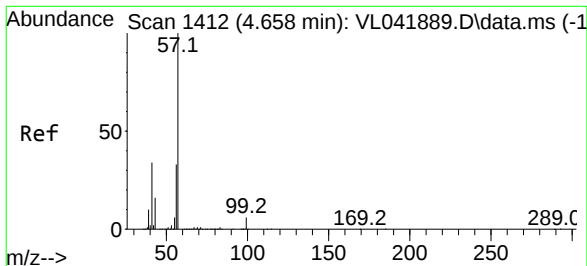
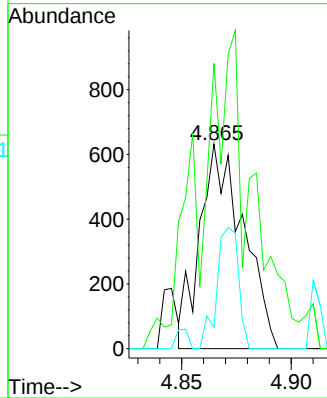
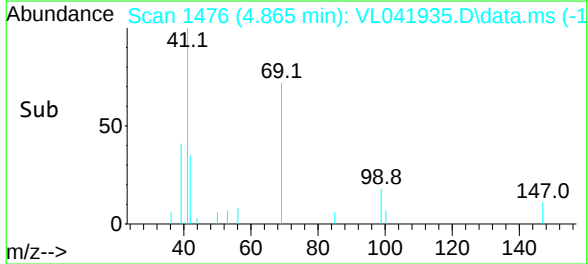
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 69 Resp: 875
Ion Ratio Lower Upper
69 100
41 189.9 118.6 177.8#
100 32.2 29.3 43.9

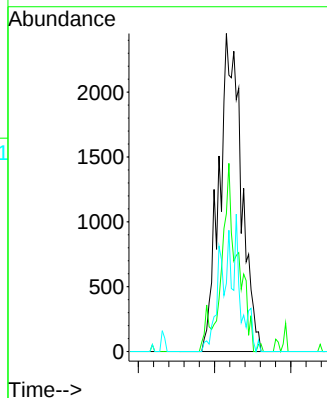
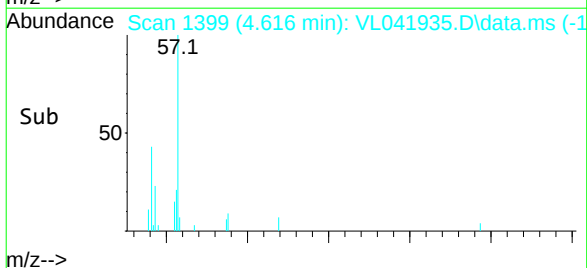
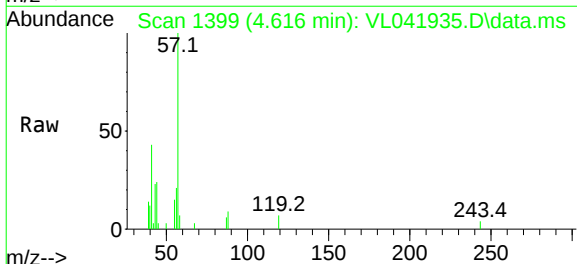
Manual Integrations
APPROVED

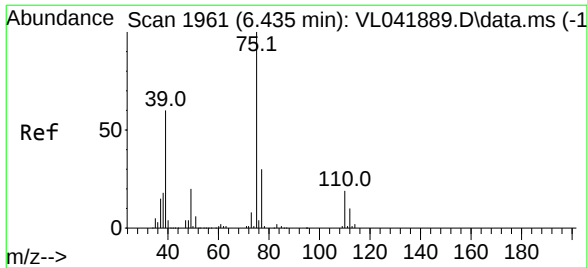
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#44
2,2,4-Trimethylpentane
Concen: 0.092 ppbv m
RT: 4.616 min Scan# 1399
Delta R.T. -0.042 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

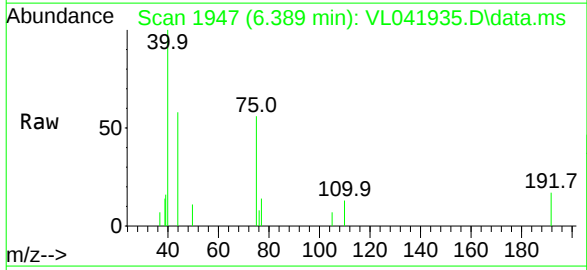
Tgt Ion: 57 Resp: 4938
Ion Ratio Lower Upper
57 100
41 43.8 26.6 40.0#
56 0.0 25.4 38.2#





#45
t-1,3-Dichloropropene
Concen: 0.069 ppbv m
RT: 6.389 min Scan# 1961
Delta R.T. -0.045 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

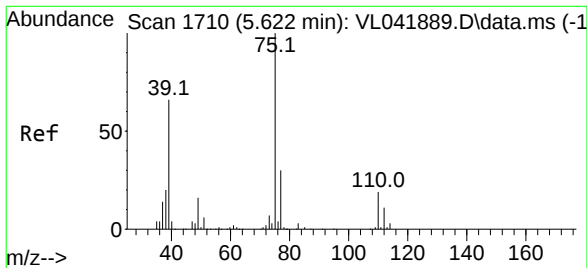
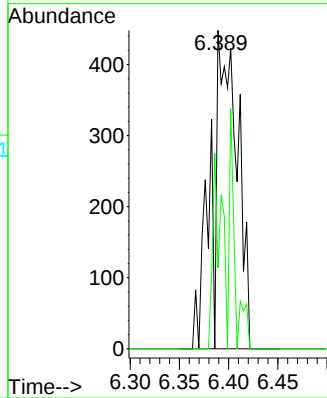
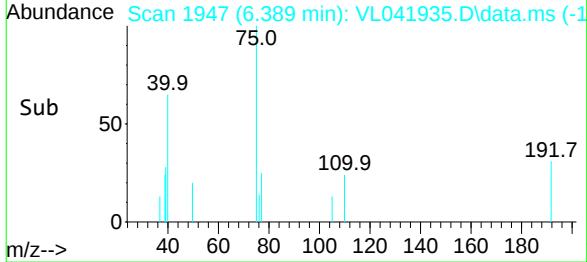
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 75 Resp: 802
Ion Ratio Lower Upper
75 100
77 25.4 24.3 36.5

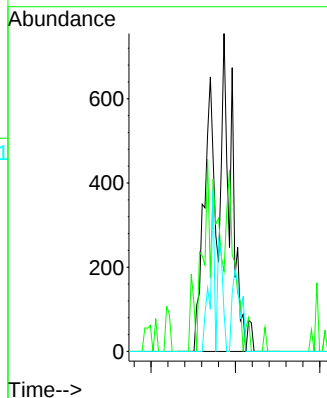
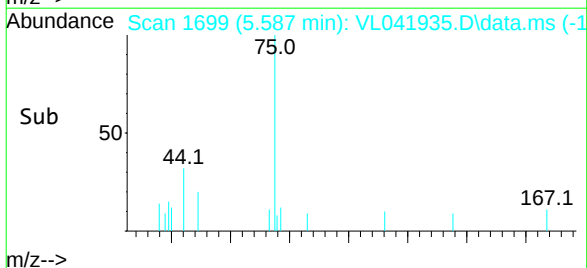
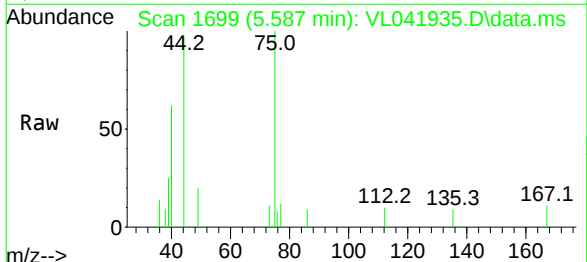
Manual Integrations
APPROVED

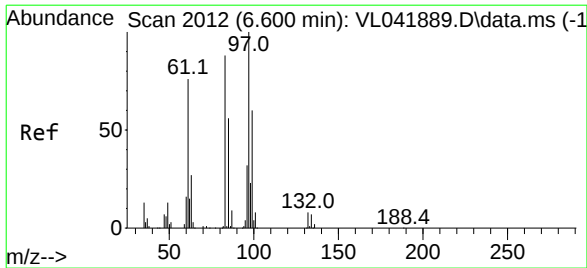
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#46
cis-1,3-Dichloropropene
Concen: 0.081 ppbv m
RT: 5.587 min Scan# 1699
Delta R.T. -0.036 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

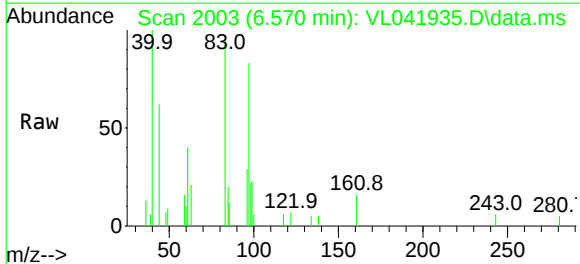
Tgt Ion: 75 Resp: 1232
Ion Ratio Lower Upper
75 100
39 25.2 53.1 79.7#
77 12.1 23.8 35.8#





#47
1,1,2-Trichloroethane
Concen: 0.126 ppbv m
RT: 6.570 min Scan# 2012
Delta R.T. -0.029 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

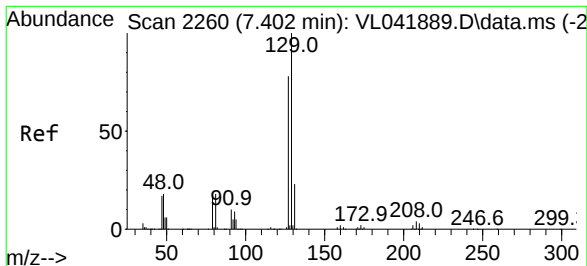
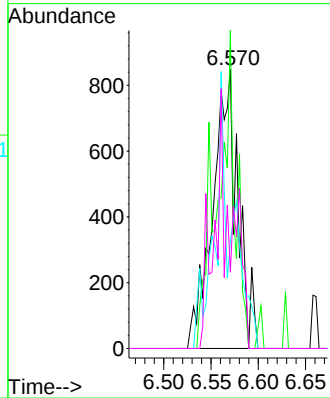
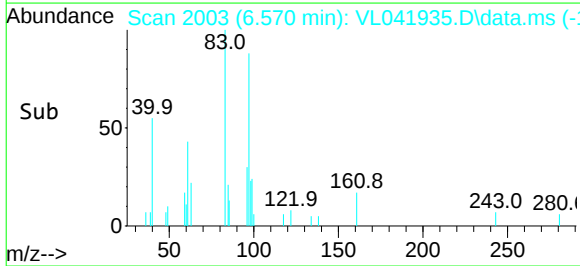
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



Tgt Ion: 97 Resp: 1561
Ion Ratio Lower Upper
97 100
83 113.9 70.4 105.6#
85 23.9 45.0 67.4#
99 27.3 48.1 72.1#

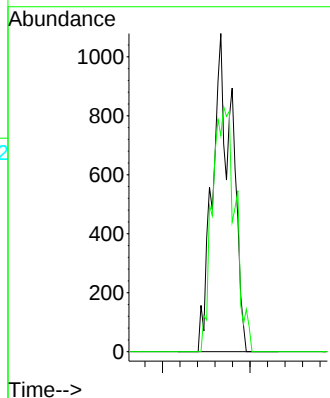
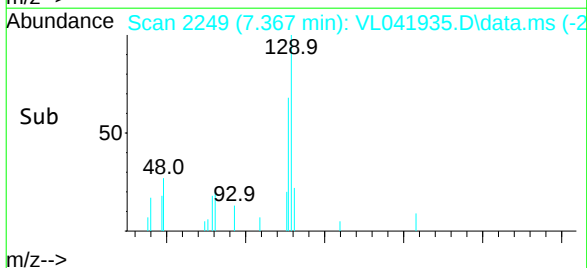
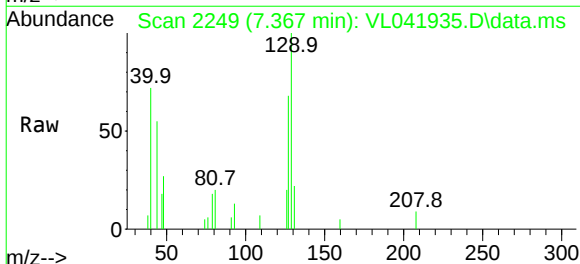
Manual Integrations
APPROVED

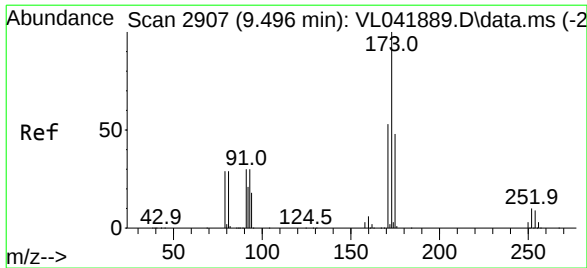
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#48
Dibromochloromethane
Concen: 0.088 ppbv m
RT: 7.367 min Scan# 2249
Delta R.T. -0.036 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

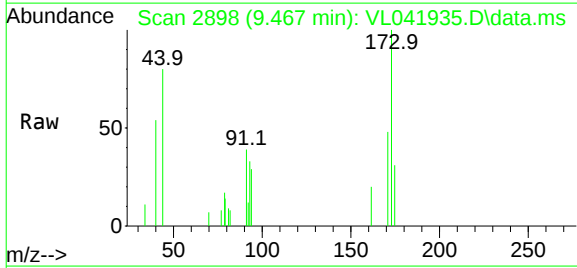
Tgt Ion:129 Resp: 1680
Ion Ratio Lower Upper
129 100
127 90.0 39.3 117.8





#49
Bromoform
Concen: 0.081 ppbv m
RT: 9.467 min Scan# 28
Delta R.T. -0.029 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

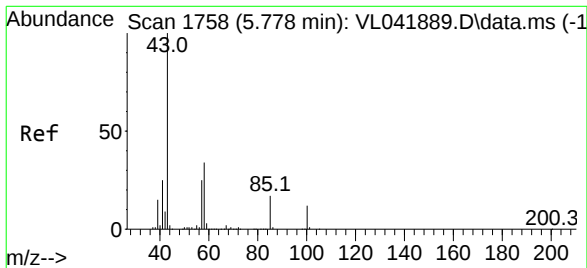
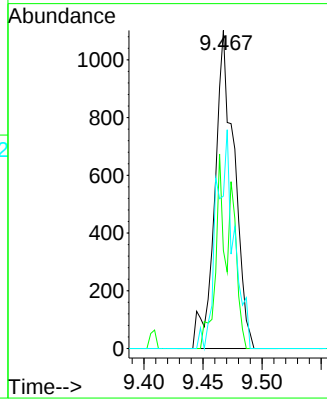
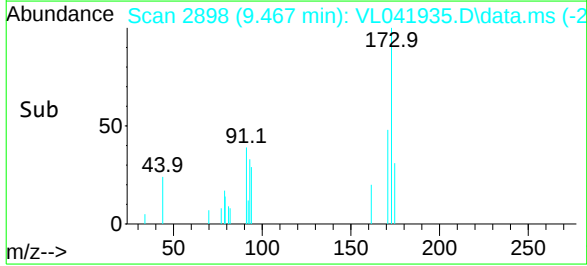
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 173 Resp: 1265
Ion Ratio Lower Upper
173 100
175 1.8 38.4 57.6#
171 0.0 41.4 62.2#

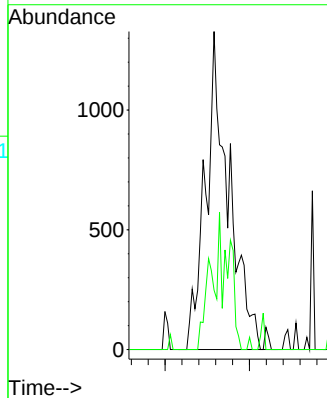
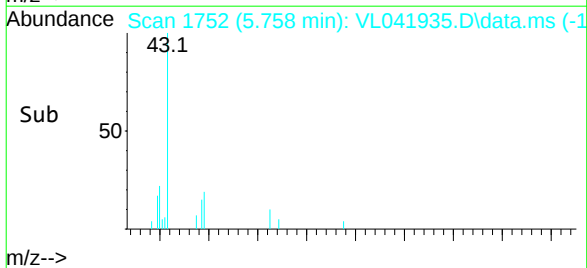
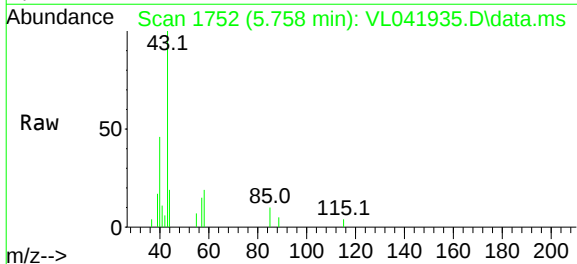
Manual Integrations
APPROVED

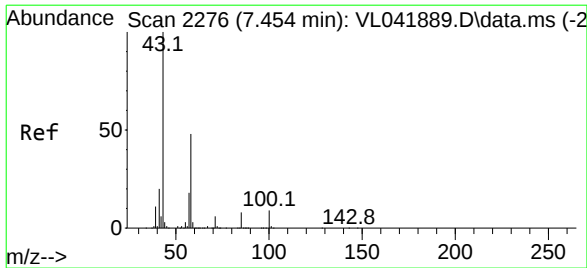
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#50
4-Methyl-2-Pentanone
Concen: 0.081 ppbv m
RT: 5.758 min Scan# 1752
Delta R.T. -0.020 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

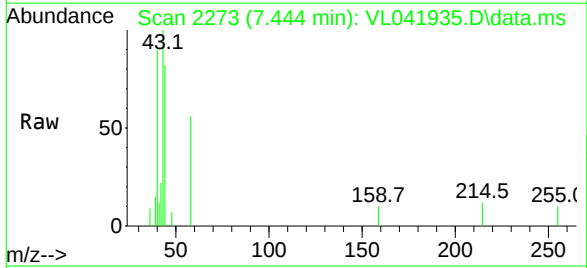
Tgt Ion: 43 Resp: 2560
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#





#51
2-Hexanone
Concen: 0.077 ppbv m
RT: 7.444 min Scan# 2276
Delta R.T. -0.010 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

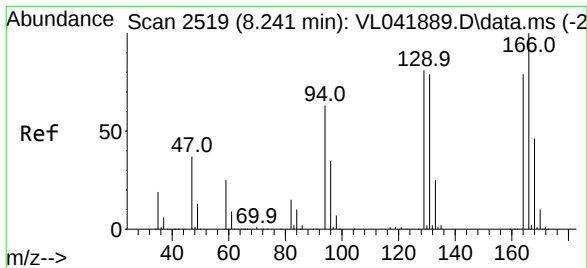
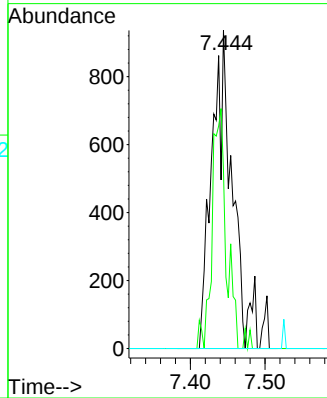
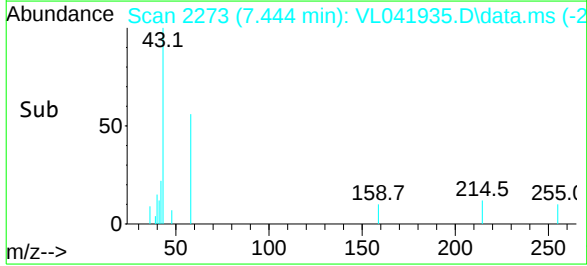
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



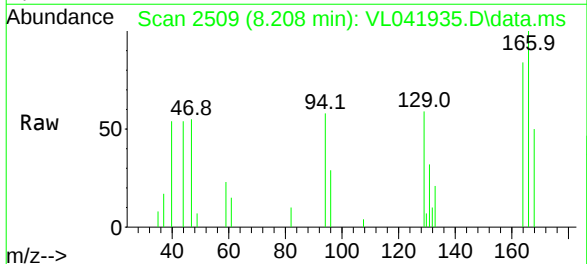
Tgt Ion: 43 Resp: 1858
Ion Ratio Lower Upper
43 100
58 0.0 40.4 60.6#
98 0.0 0.2 0.2#

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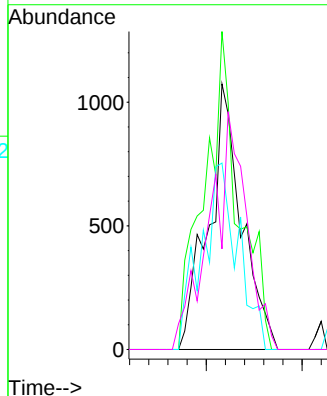
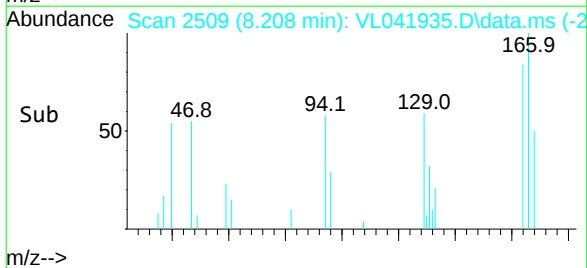
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

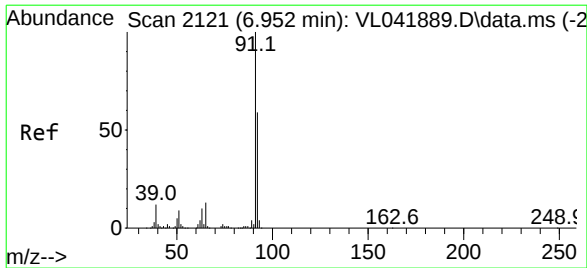


#52
Tetrachloroethene
Concen: 0.112 ppbv
RT: 8.208 min Scan# 2509
Delta R.T. -0.032 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01



Tgt Ion:164 Resp: 1290
Ion Ratio Lower Upper
164 100
166 119.7 100.8 151.2
129 70.2 82.0 123.0#
131 37.9 80.2 120.2#





#53

Toluene

Concen: 0.073 ppbv m

RT: 6.907 min Scan# 21

Delta R.T. -0.045 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

Instrument :

MSVOA_L

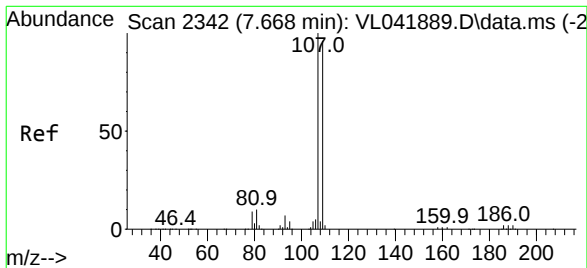
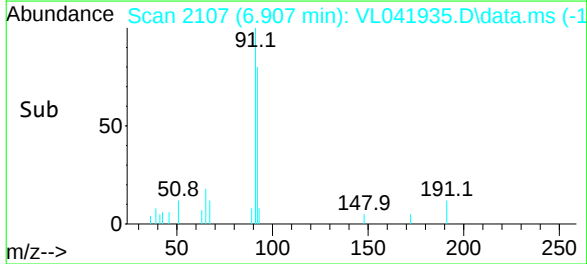
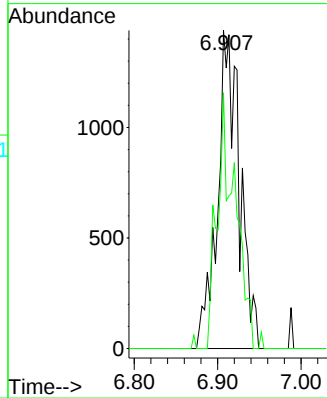
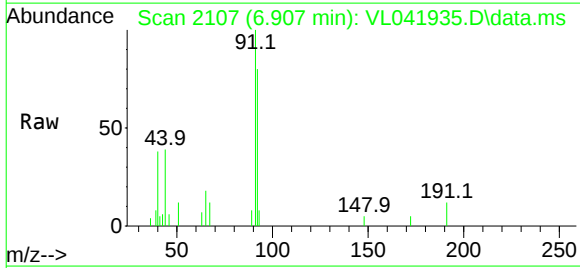
ClientSampleId :

MDL 0.1

Tgt Ion: 91 Resp: 2654
 Ion Ratio Lower Upper
 91 100
 92 0.0 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: 0.114 ppbv m

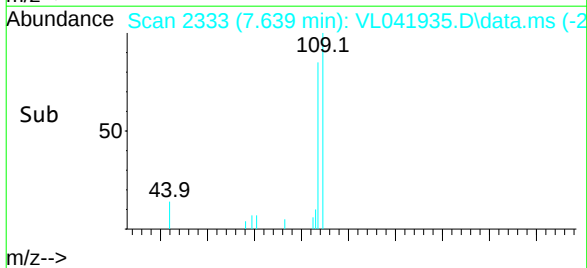
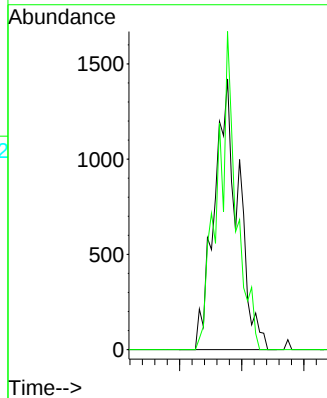
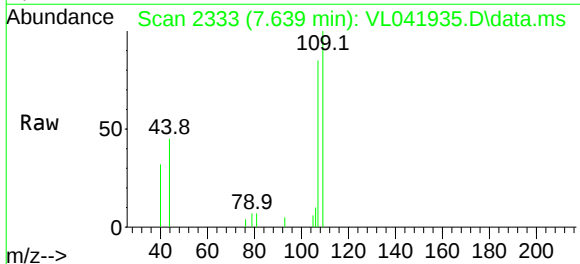
RT: 7.639 min Scan# 2333

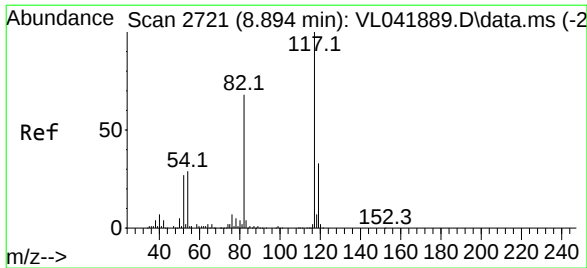
Delta R.T. -0.029 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

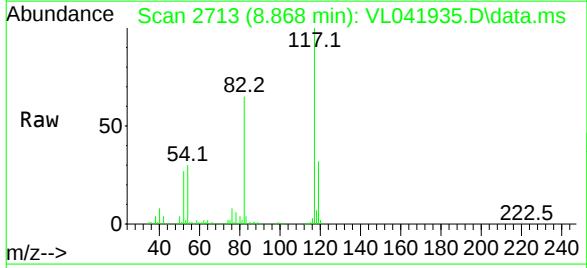
Tgt Ion:107 Resp: 1936
 Ion Ratio Lower Upper
 107 100
 109 117.5 76.7 115.1#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.868 min Scan# 2721
Delta R.T. -0.026 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

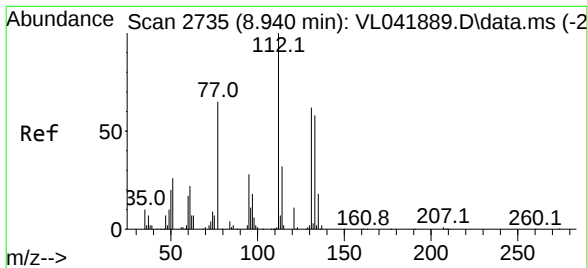
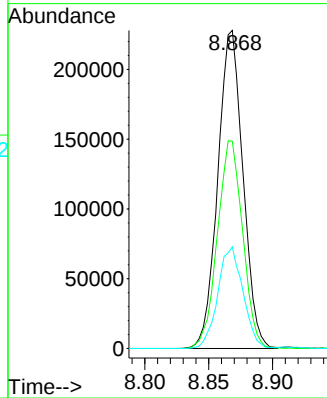
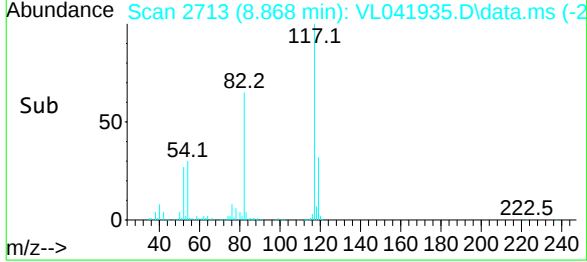
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:117 Resp: 312601
Ion Ratio Lower Upper
117 100
82 65.6 54.2 81.4
119 32.4 25.0 37.6

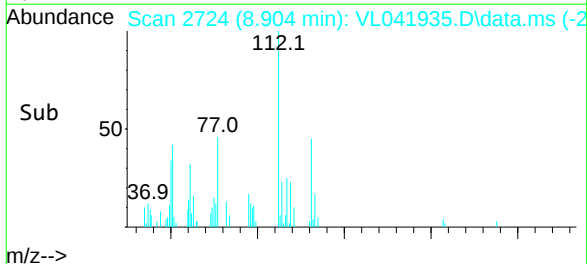
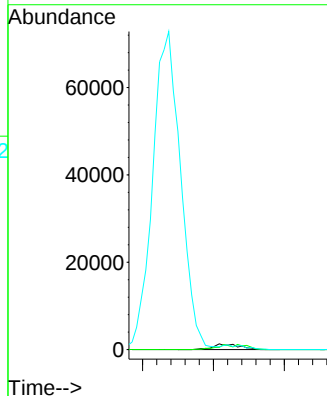
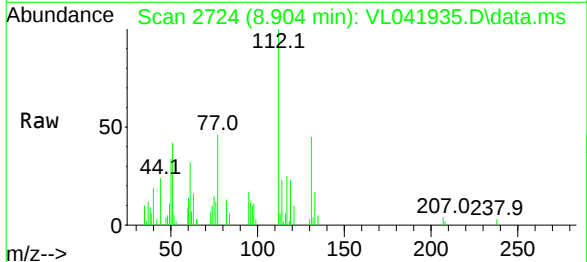
Manual Integrations
APPROVED

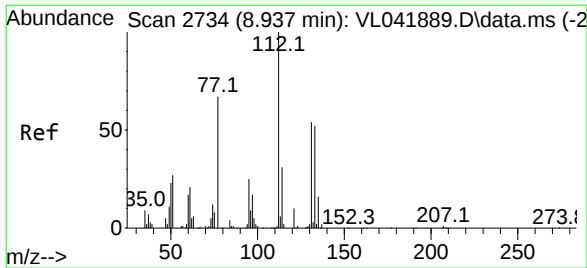
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.105 ppbv m
RT: 8.904 min Scan# 2724
Delta R.T. -0.036 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

Tgt Ion:131 Resp: 1634
Ion Ratio Lower Upper
131 100
133 97.6 76.0 114.0
119 0.0 49.7 74.5#





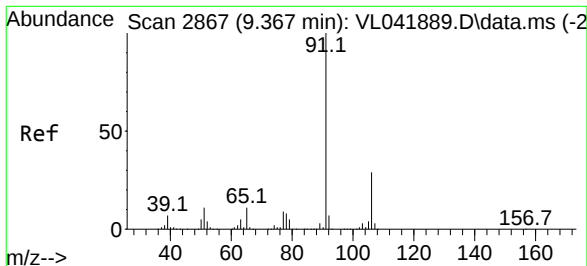
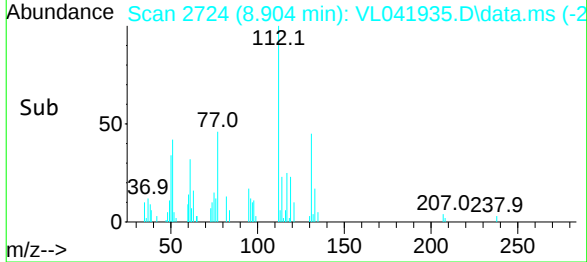
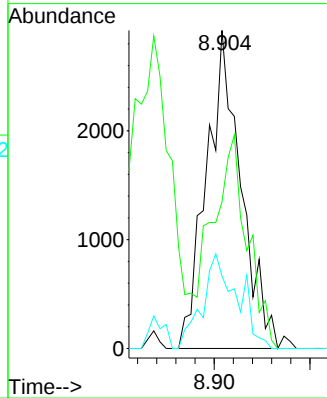
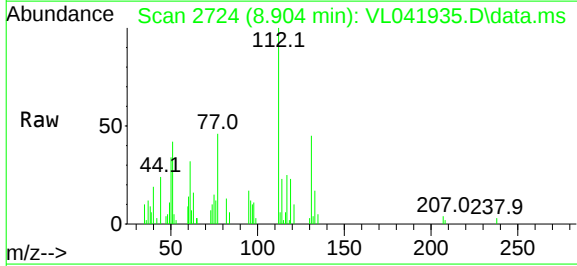
#57
Chlorobenzene
Concen: 0.126 ppbv
RT: 8.904 min Scan# 2734
Delta R.T. -0.032 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

Instrument : MSVOA_L
ClientSampleId : MDL 0.1

Tgt Ion: 112 Resp: 3636
Ion Ratio Lower Upper
112 100
77 46.1 54.6 82.0#
114 22.8 28.2 34.4#

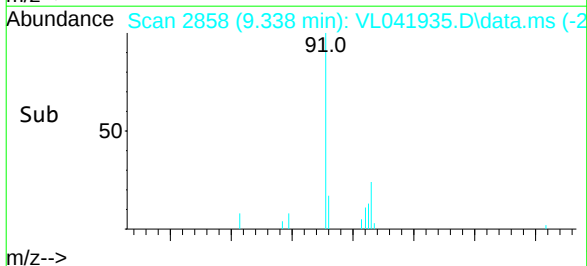
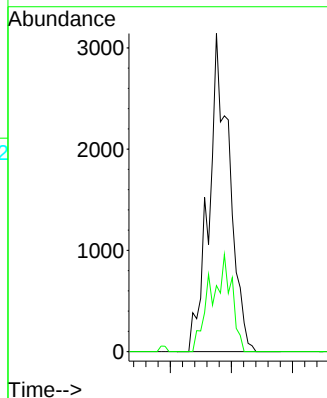
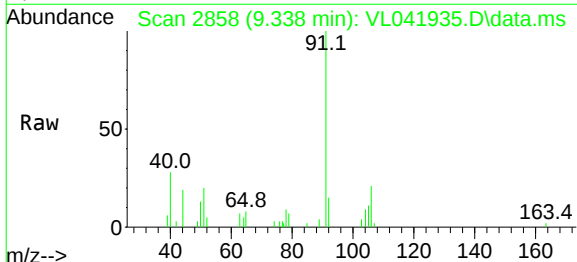
Manual Integrations
APPROVED

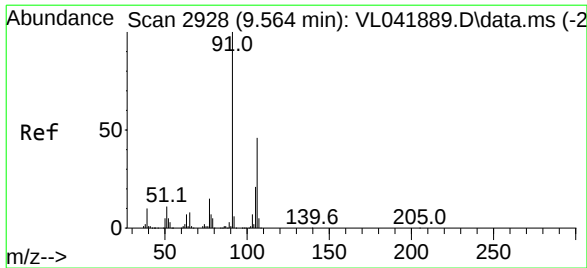
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#58
Ethyl Benzene
Concen: 0.075 ppbv m
RT: 9.338 min Scan# 2858
Delta R.T. -0.029 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

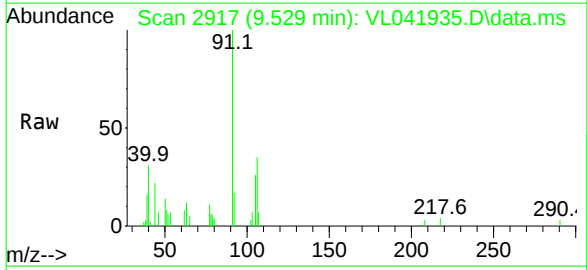
Tgt Ion: 91 Resp: 3684
Ion Ratio Lower Upper
91 100
106 20.8 23.1 34.7#





#59
m/p-Xylene
Concen: 0.126 ppbv m
RT: 9.529 min Scan# 2917
Delta R.T. -0.036 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

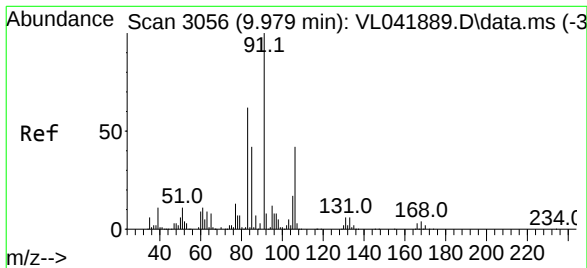
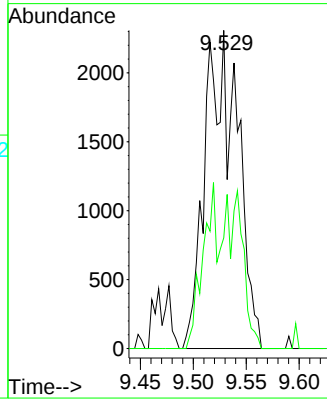
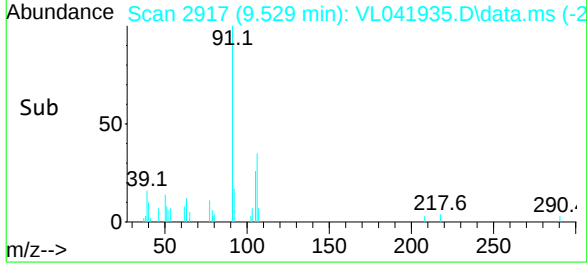
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 91 Resp: 4933
Ion Ratio Lower Upper
91 100
106 0.0 36.0 54.0#

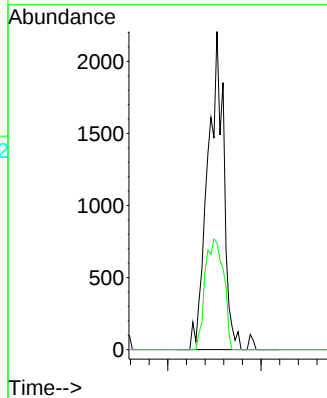
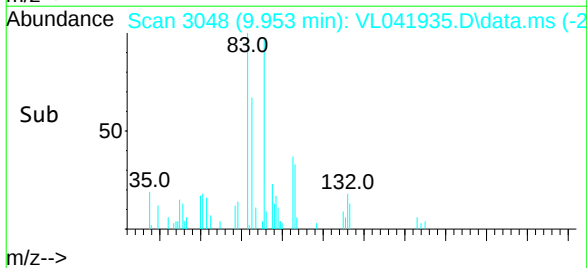
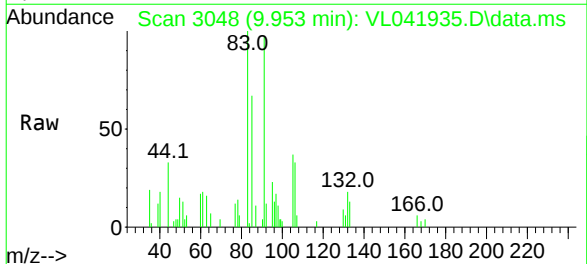
Manual Integrations
APPROVED

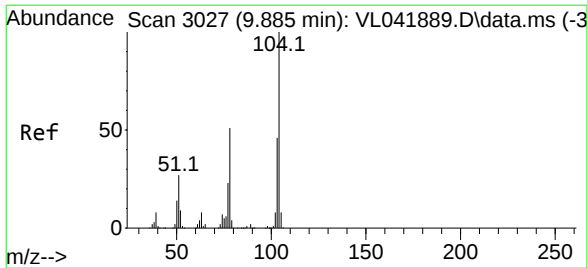
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#60
o-Xylene
Concen: 0.068 ppbv m
RT: 9.953 min Scan# 3048
Delta R.T. -0.026 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

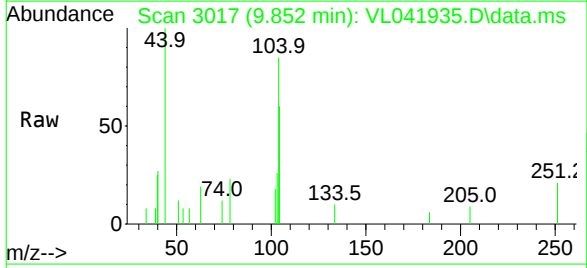
Tgt Ion: 91 Resp: 2649
Ion Ratio Lower Upper
91 100
106 39.7 21.3 63.9





#61
Styrene
Concen: 0.074 ppbv m
RT: 9.852 min Scan# 3027
Delta R.T. -0.032 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

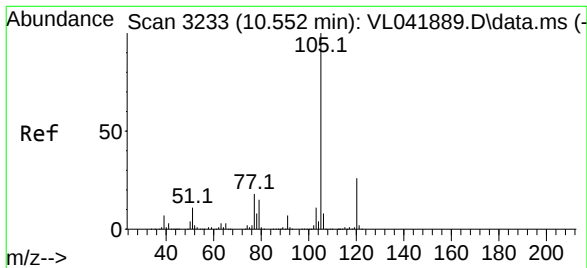
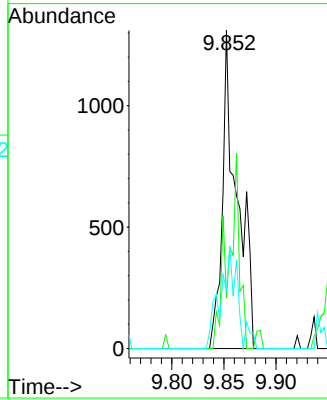
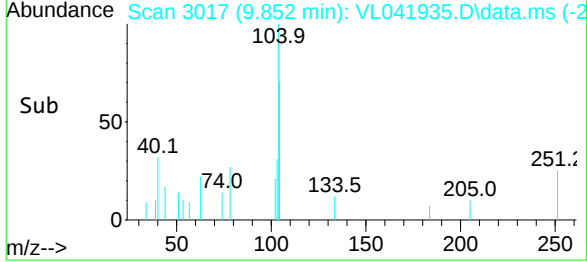
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



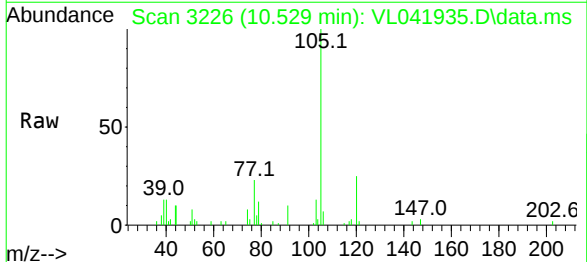
Tgt Ion:104 Resp: 1283
Ion Ratio Lower Upper
104 100
78 49.2 41.0 61.6
103 38.0 37.2 55.8

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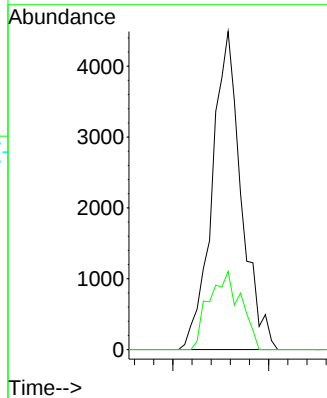
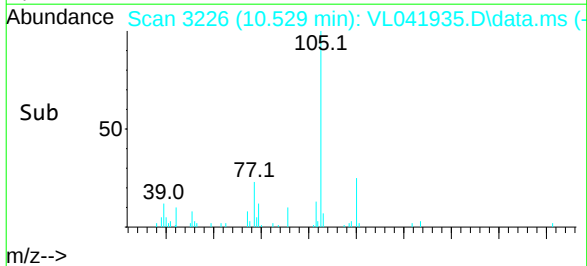
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

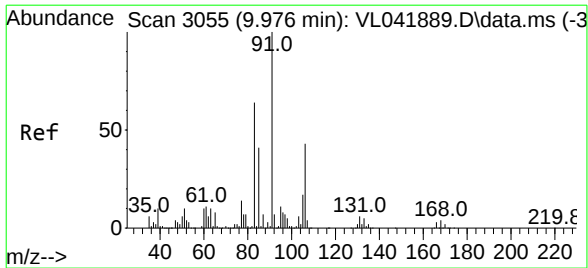


#62
Isopropylbenzene
Concen: 0.079 ppbv
RT: 10.529 min Scan# 3226
Delta R.T. -0.023 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01



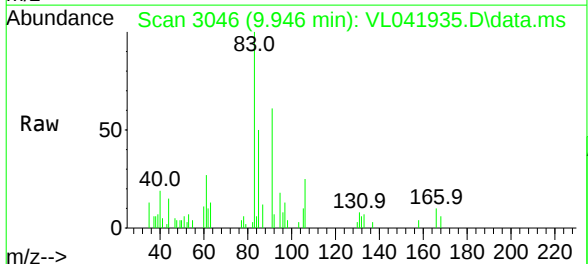
Tgt Ion:105 Resp: 4756
Ion Ratio Lower Upper
105 100
120 26.9 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.128 ppbv m
RT: 9.946 min Scan# 3055
Delta R.T. -0.029 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

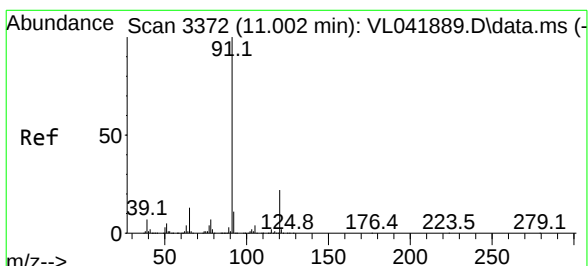
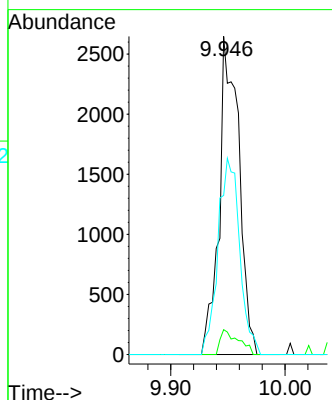
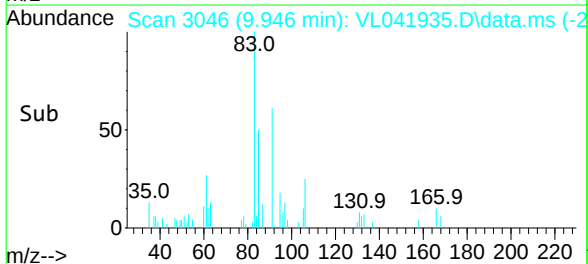
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



Tgt Ion: 83 Resp: 3174
Ion Ratio Lower Upper
83 100
131 7.1 4.8 14.4
85 0.0 32.4 97.2#

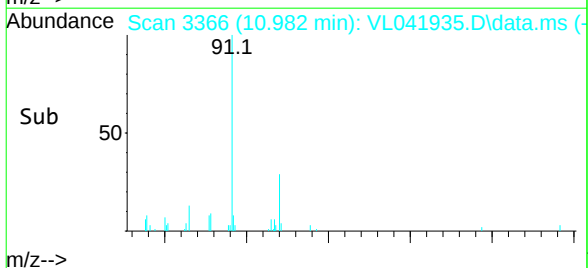
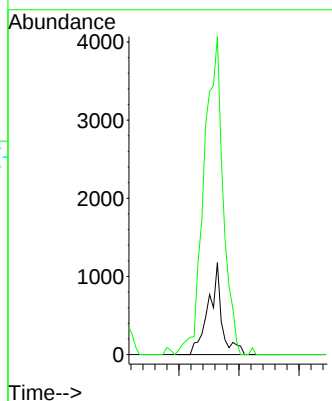
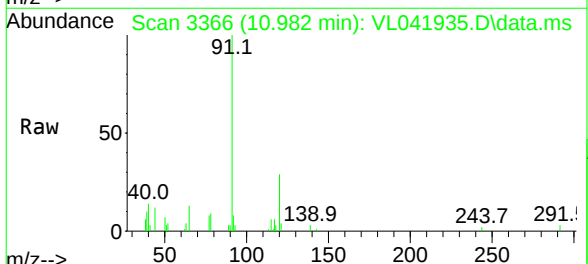
Manual Integrations
APPROVED

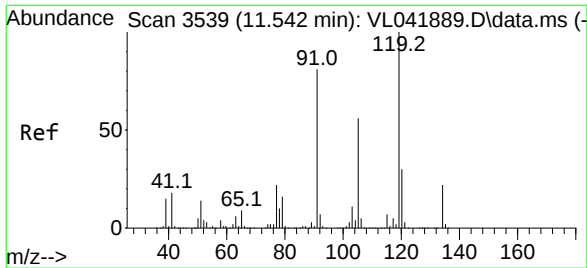
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#64
n-propylbenzene
Concen: 0.060 ppbv m
RT: 10.982 min Scan# 3366
Delta R.T. -0.020 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

Tgt Ion:120 Resp: 908
Ion Ratio Lower Upper
120 100
91 499.7 374.1 561.1





#65

tert-Butylbenzene

Concen: 0.055 ppbv

RT: 11.523 min Scan# 3533

Delta R.T. -0.020 min

Lab File: VL041935.D

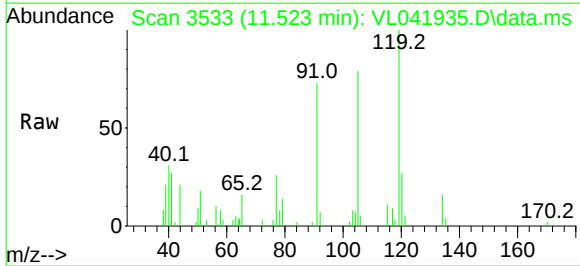
Acq: 21 Jan 2025 00:01

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

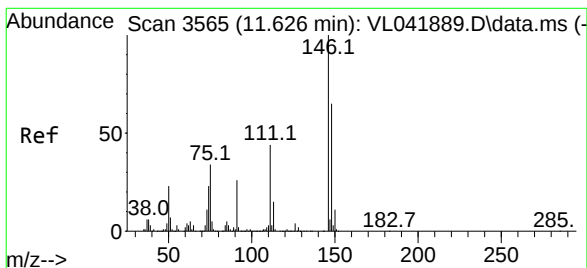
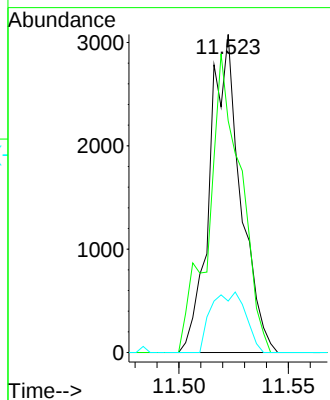
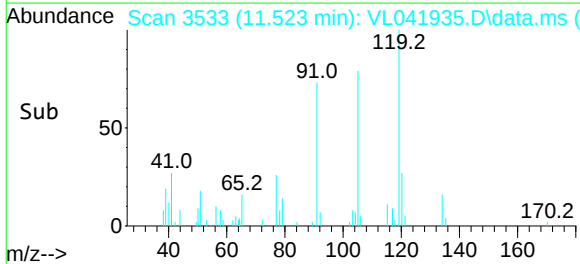


Tgt Ion:	119	Resp:	3024
Ion	Ratio	Lower	Upper
119	100		
91	97.7	64.6	97.0#
134	21.2	16.8	25.2

Manual Integrations

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



#66

Benzyl Chloride

Concen: 0.048 ppbv m

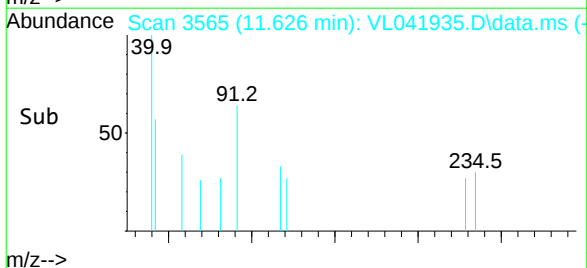
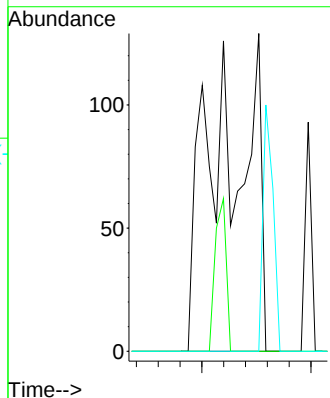
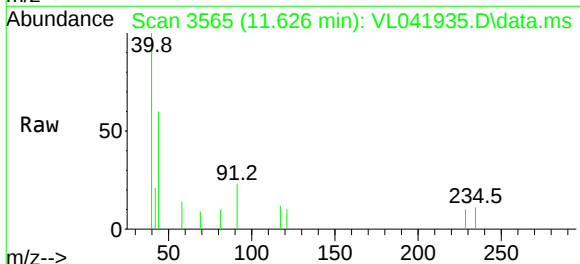
RT: 11.626 min Scan# 3565

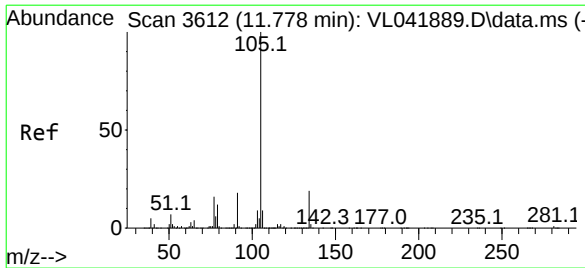
Delta R.T. -0.000 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

Tgt Ion:	91	Resp:	163
Ion	Ratio	Lower	Upper
91	100		
126	13.5	14.1	21.1#
128	0.0	4.3	6.5#





#67

sec-Butylbenzene

Concen: 0.061 ppbv

RT: 11.759 min Scan# 3612

Delta R.T. -0.020 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

Instrument :

MSVOA_L

ClientSampleId :

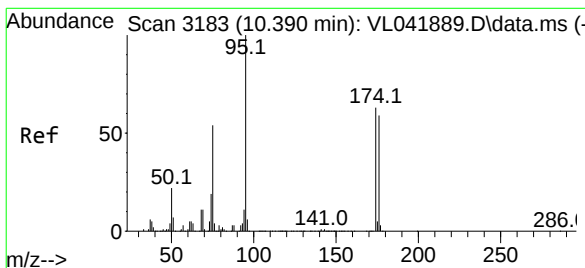
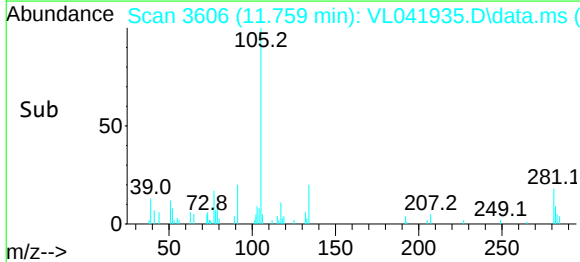
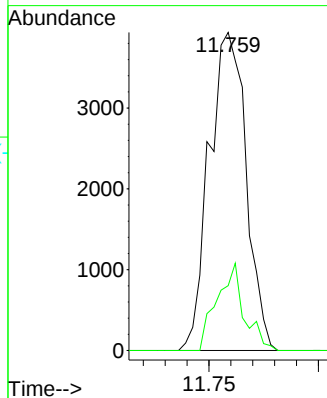
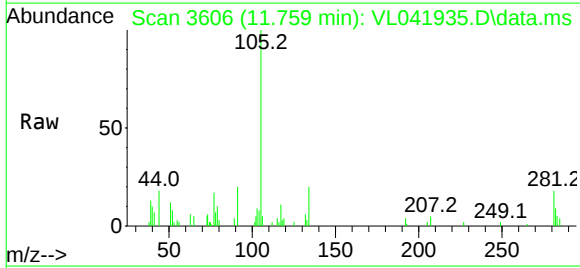
MDL 0.1

Tgt Ion:	105	Resp:	4617
Ion	Ratio	Lower	Upper
105	100		
134	20.2	15.1	22.7

Manual Integrations

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



#68

1-Bromo-4-Fluorobenzene

Concen: 10.044 ppbv

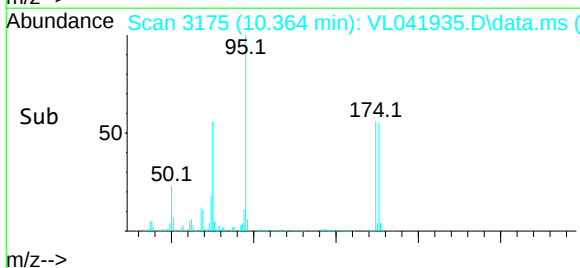
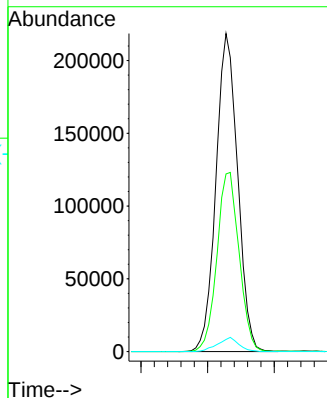
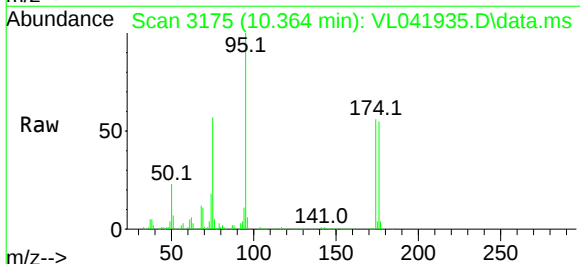
RT: 10.364 min Scan# 3175

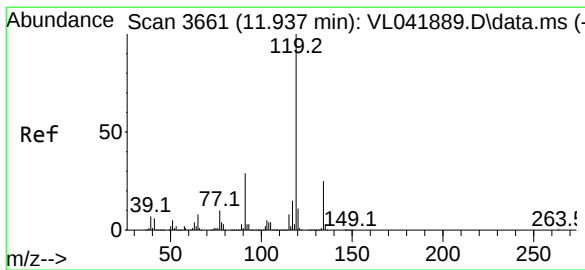
Delta R.T. -0.026 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

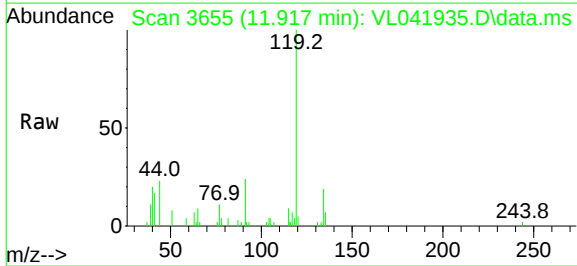
Tgt Ion:	95	Resp:	247307
Ion	Ratio	Lower	Upper
95	100		
174	57.6	49.0	73.4
175	4.3	3.8	5.8





#69
p-Isopropyltoluene
Concen: 0.059 ppbv
RT: 11.917 min Scan# 3655
Delta R.T. -0.020 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

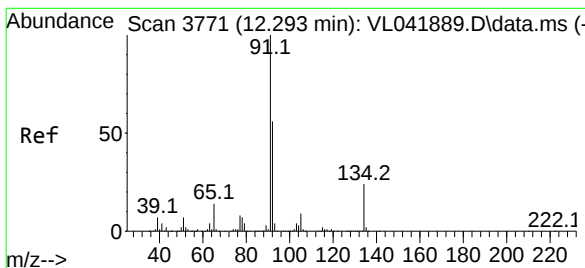
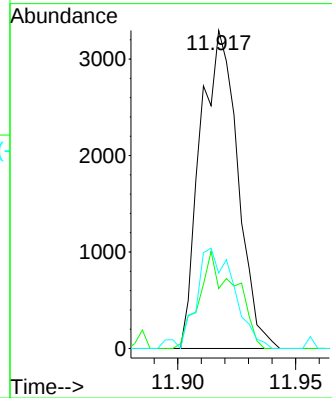
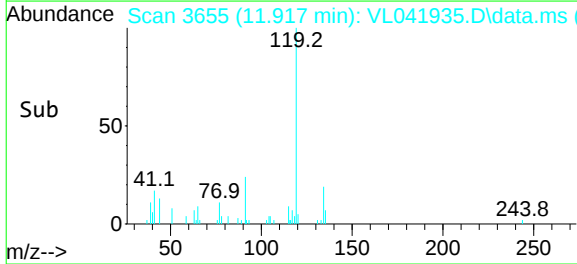
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.3	19.8	29.6
91	32.0	23.0	34.4

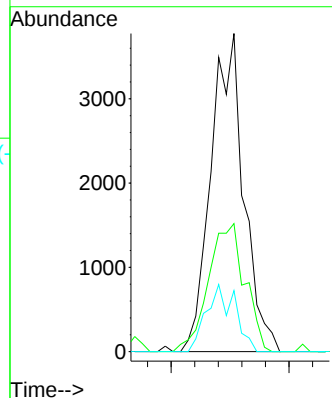
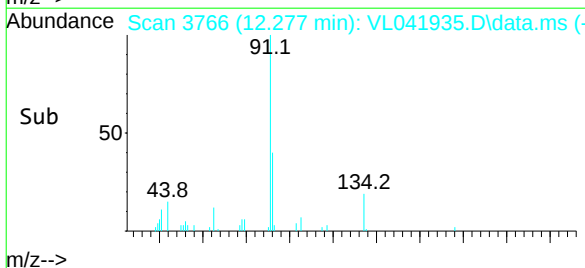
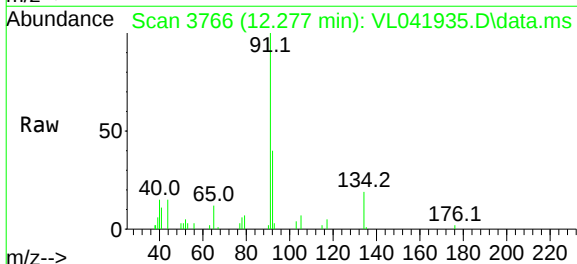
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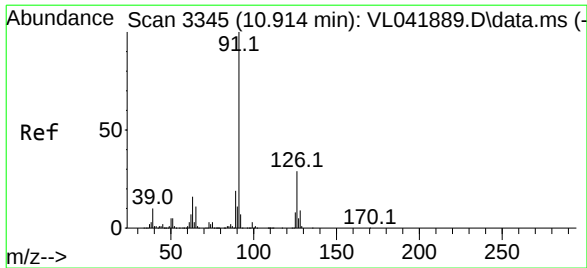
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#70
n-Butylbenzene
Concen: 0.059 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. -0.016 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

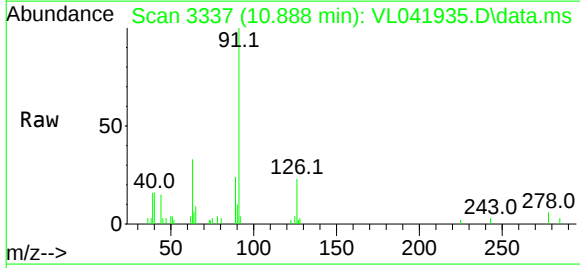
Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.2	43.8	65.6
134	18.4	19.0	28.6





#71
2-Chlorotoluene
Concen: 0.080 ppbv m
RT: 10.888 min Scan# 3345
Delta R.T. -0.026 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

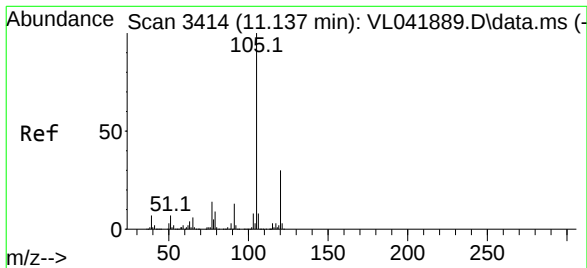
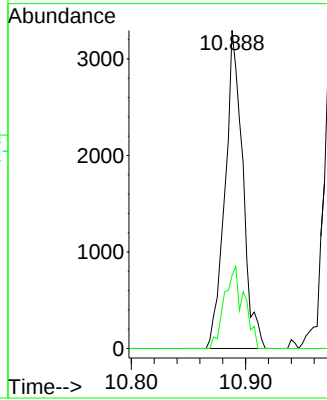
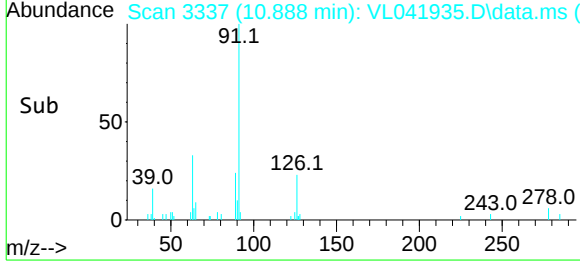
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



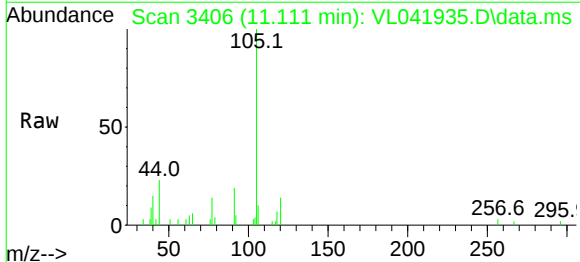
Tgt Ion: 91 Resp: 3548
Ion Ratio Lower Upper
91 100
126 28.8 11.7 46.7

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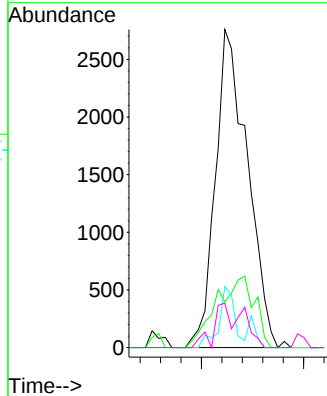
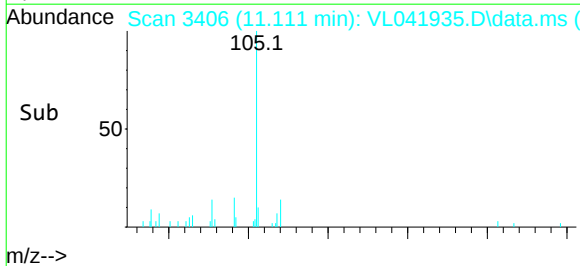
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

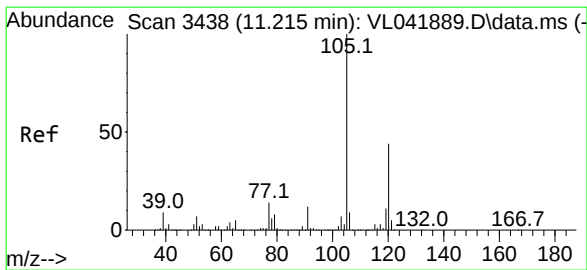


#72
4-Ethyltoluene
Concen: 0.065 ppbv
RT: 11.111 min Scan# 3406
Delta R.T. -0.026 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01



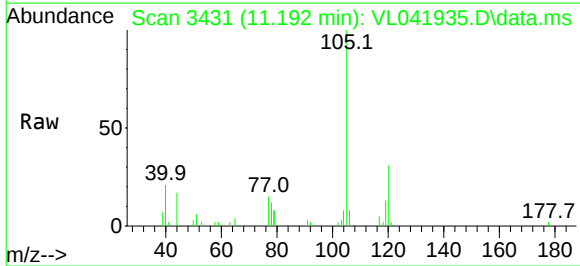
Tgt Ion:105 Resp: 3001
Ion Ratio Lower Upper
105 100
120 26.8 23.7 35.5
91 11.8 10.2 15.2
77 12.6 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 0.064 ppbv
RT: 11.192 min Scan# 3438
Delta R.T. -0.023 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

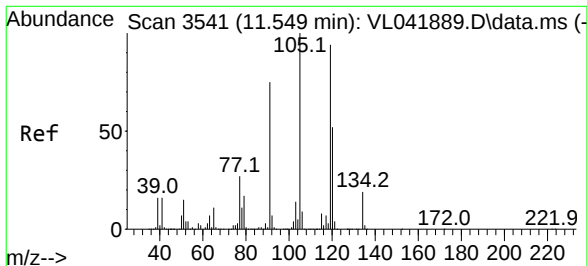
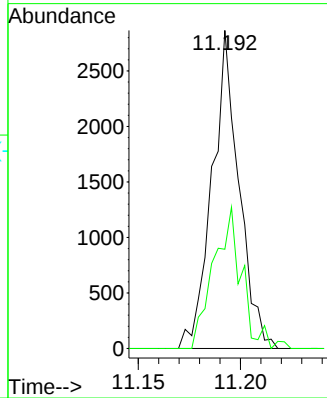
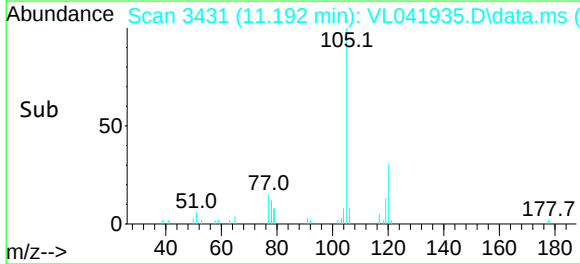
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



Tgt Ion:105 Resp: 2621
Ion Ratio Lower Upper
105 100
120 31.2 35.4 53.2#

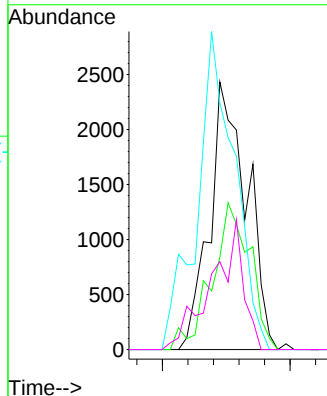
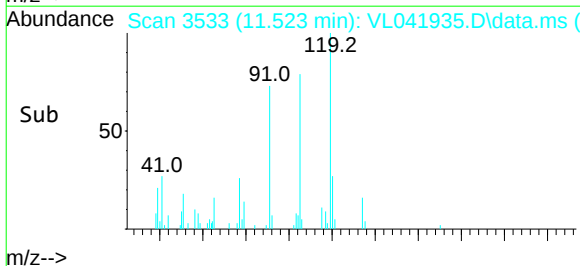
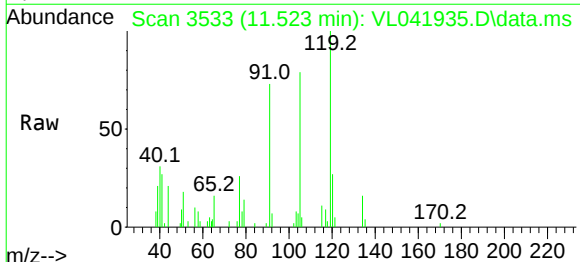
Manual Integrations
APPROVED

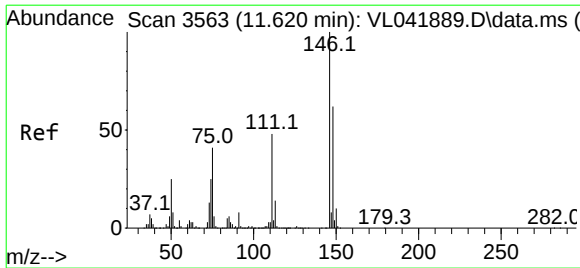
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#74
1,2,4-Trimethylbenzene
Concen: 0.055 ppbv
RT: 11.523 min Scan# 3533
Delta R.T. -0.026 min
Lab File: VL041935.D
Acq: 21 Jan 2025 00:01

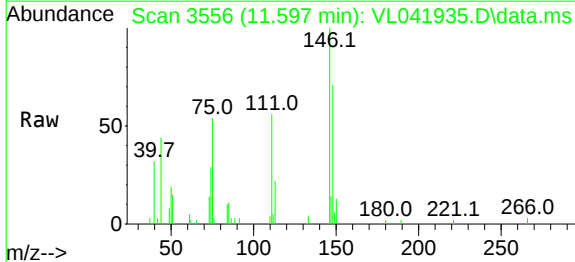
Tgt Ion:105 Resp: 2460
Ion Ratio Lower Upper
105 100
120 34.5 41.4 62.2#
91 92.2 60.2 90.2#
77 32.9 22.0 33.0





#75
 1,3-Dichlorobenzene
 Concen: 0.083 ppbv
 RT: 11.597 min Scan# 3563
 Delta R.T. -0.023 min
 Lab File: VL041935.D
 Acq: 21 Jan 2025 00:01

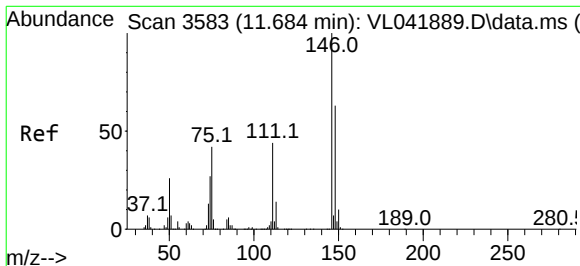
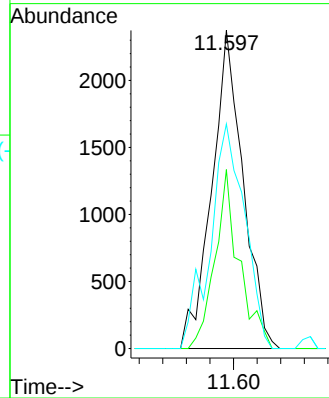
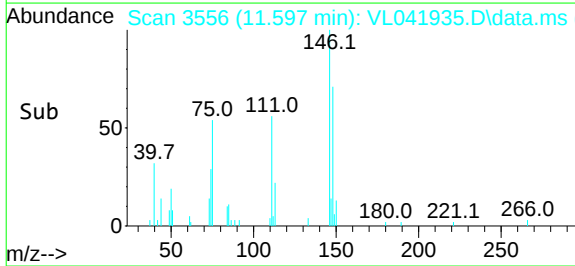
Instrument : MSVOA_L
 ClientSampleId : MDL 0.1



Tgt Ion:	146	Resp:	2186
Ion	Ratio	Lower	Upper
146	100		
111	43.6	23.6	70.8
148	77.8	31.4	94.0

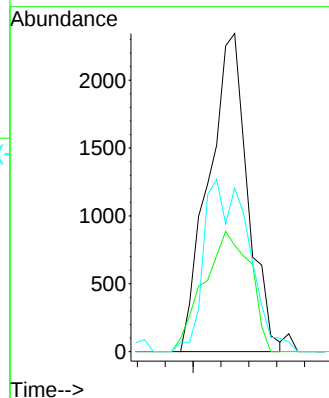
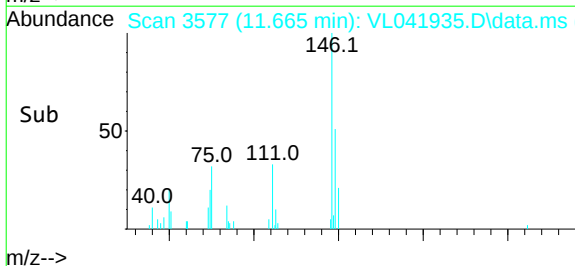
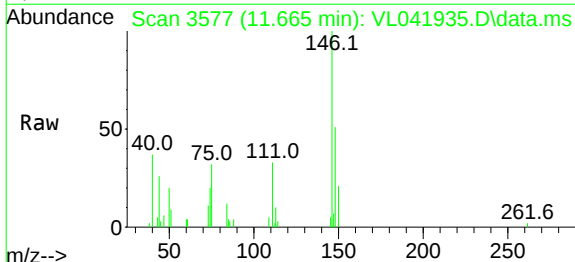
Manual Integrations
 APPROVED

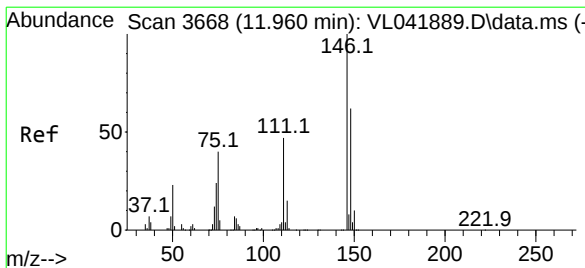
Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#76
 1,4-Dichlorobenzene
 Concen: 0.088 ppbv
 RT: 11.665 min Scan# 3577
 Delta R.T. -0.020 min
 Lab File: VL041935.D
 Acq: 21 Jan 2025 00:01

Tgt Ion:	146	Resp:	2280
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.4	67.0
148	62.2	31.9	95.5





#77

1,2-Dichlorobenzene

Concen: 0.100 ppbv m

RT: 11.937 min Scan# 3661

Delta R.T. -0.023 min

Lab File: VL041935.D

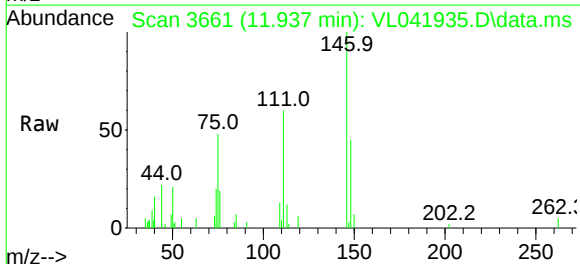
Acq: 21 Jan 2025 00:01

Instrument :

MSVOA_L

ClientSampleId :

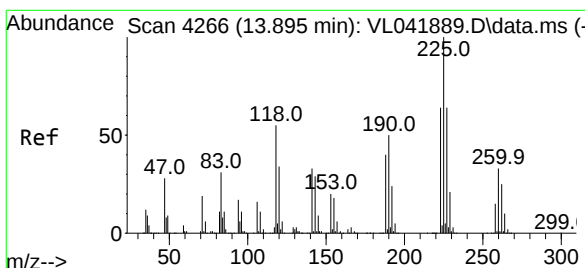
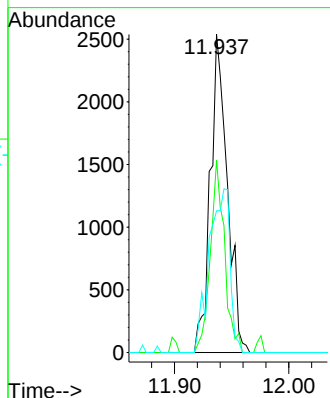
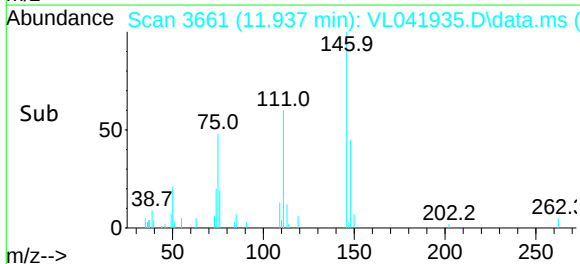
MDL 0.1



Tgt Ion:	146	Resp:	2618
Ion	Ratio	Lower	Upper
146	100		
111	52.3	24.2	72.6
148	62.7	31.7	95.1

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Supervised By :Mahesh Dadoda 01/21/2025



#78

Hexachloro-1,3-Butadiene

Concen: 0.111 ppbv

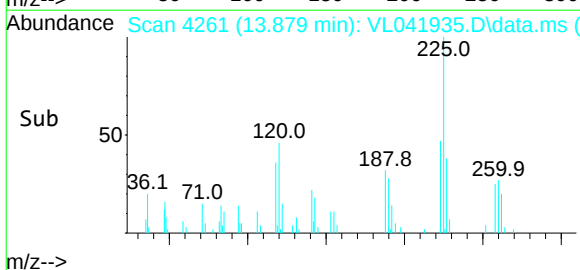
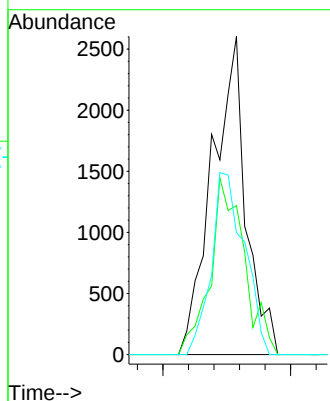
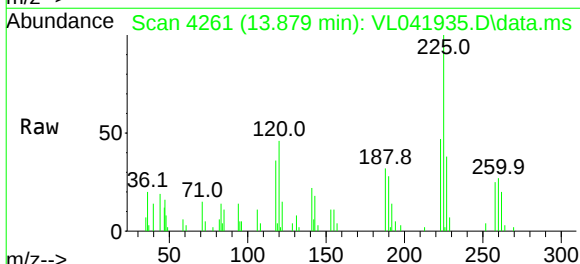
RT: 13.879 min Scan# 4261

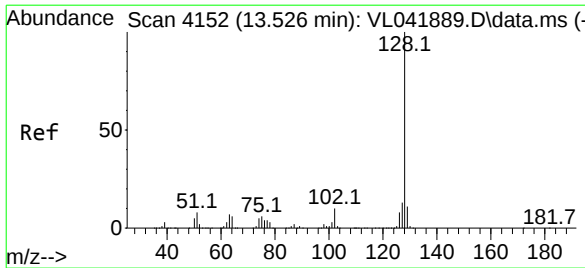
Delta R.T. -0.016 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

Tgt Ion:	225	Resp:	2388
Ion	Ratio	Lower	Upper
225	100		
223	55.9	50.8	76.2
227	56.0	50.3	75.5





#79

Naphthalene

Concen: 0.055 ppbv

RT: 13.507 min Scan# 41

Delta R.T. -0.020 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

Instrument :

MSVOA_L

ClientSampleId :

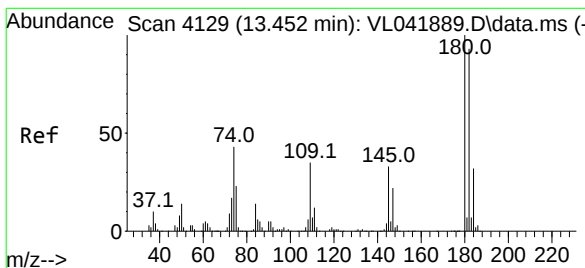
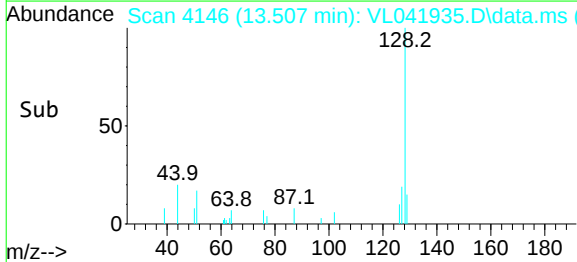
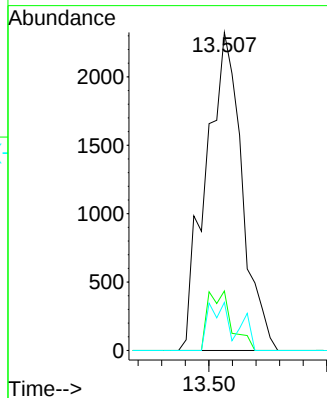
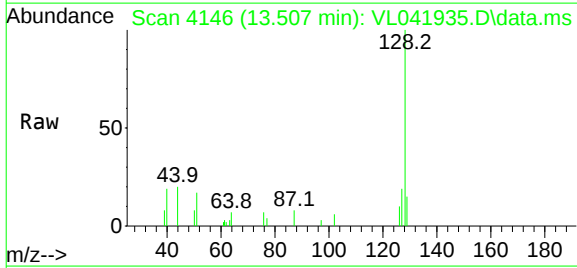
MDL 0.1

Tgt Ion:	128	Resp:	2462
Ion	Ratio	Lower	Upper
128	100		
127	18.7	10.2	15.4
129	15.1	9.1	13.7

Manual Integrations

APPROVED

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



#81

1,2,4-Trichlorobenzene

Concen: 0.068 ppbv

RT: 13.432 min Scan# 4123

Delta R.T. -0.020 min

Lab File: VL041935.D

Acq: 21 Jan 2025 00:01

Tgt Ion:	180	Resp:	1482
Ion	Ratio	Lower	Upper
180	100		
182	105.7	77.0	115.6
184	36.4	24.9	37.3

