

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041880.D
 Acq On : 09 Jan 2025 22:47
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 10 01:53:17 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

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

QLast Update : Fri Jan 10 00:31:30 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	120831	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	361107	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	319960	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 259818 10.127 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	2963	0.149	ppbv	94
3) Chlorodifluoromethane	1.479	51	3278	0.150	ppbv	100
4) Chloromethane	1.538	50	1292	0.168	ppbv #	86
5) Vinyl Chloride	1.586	62	1067	0.130	ppbv	97
6) Bromomethane	1.674	94	501	0.130	ppbv #	19
7) Chloroethane	1.716	64	560	0.176	ppbv #	81
8) Dichlorotetrafluoroethane	1.560	85	2345	0.136	ppbv	97
9) Propene	1.489	41	1930	0.190	ppbv #	66
10) Heptane	5.004	43	3540m	0.132	ppbv	
11) Trichlorofluoromethane	1.884	101	3068m	0.150	ppbv	
12) 1,1,2-Trichlorotrifluo...	2.149	101	2370	0.144	ppbv	93
13) Ethanol	1.729	45	950m	1.471	ppbv	
14) Bromoethene	1.790	108	910	0.154	ppbv #	64
15) Acetone	1.845	43	5810	0.285	ppbv	93
16) 1,3-Butadiene	1.615	39	1801	0.206	ppbv #	78
17) tert-Butyl alcohol	2.052	59	3031	0.131	ppbv #	70
18) 1,1-Dichloroethene	2.043	96	1106m	0.148	ppbv	
19) Isopropyl Alcohol	1.894	45	3255	0.304	ppbv #	36
20) Methylene Chloride	2.068	84	2098	0.302	ppbv	84
21) Allyl Chloride	2.104	41	1651	0.127	ppbv #	33
22) trans-1,2-Dichloroethene	2.350	96	1206	0.140	ppbv	82
23) Vinyl Acetate	2.473	43	2113	0.205	ppbv #	90
24) 1,1-Dichloroethane	2.421	63	1940	0.119	ppbv	98
25) Ethyl Acetate	2.861	43	6716m	0.133	ppbv	
26) Hexane	2.839	57	2902	0.139	ppbv	88
27) Carbon Disulfide	2.162	76	2296	0.115	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	1870	0.118	ppbv #	61
29) Chloroform	2.865	83	3698m	0.127	ppbv	
30) Cyclohexane	3.874	84	2155m	0.120	ppbv	
31) cis-1,2-Dichloroethene	2.732	61	2344	0.115	ppbv	98
32) 1,1,1-Trichloroethane	3.382	97	3338	0.115	ppbv #	86
34) 2-Butanone	2.577	43	3901	0.130	ppbv	93
35) Carbon Tetrachloride	3.777	117	3095m	0.110	ppbv	
36) Benzene	3.671	78	5810m	0.139	ppbv	
37) 1,2-Dichloroethane	3.237	62	2932m	0.133	ppbv	
38) Trichloroethene	4.570	130	2122	0.128	ppbv #	88
39) 1,2-Dichloropropane	4.341	63	1879m	0.126	ppbv	
40) 1,4-Dioxane	4.642	88	991m	0.132	ppbv	
41) Tetrahydrofuran	3.091	42	2509m	0.142	ppbv	
42) Bromodichloromethane	4.509	83	3533m	0.117	ppbv	
43) Methyl Methacrylate	4.910	69	1657m	0.097	ppbv	
44) 2,2,4-Trimethylpentane	4.667	57	8802m	0.124	ppbv	
45) t-1,3-Dichloropropene	6.451	75	1660m	0.095	ppbv	

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Instrument :
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 ClientSampleId :
 MDL 0.1

Quant Time: Jan 10 01:53:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.632	75	2437m	0.108	ppbv	
47) 1,1,2-Trichloroethane	6.606	97	1877m	0.120	ppbv	
48) Dibromochloromethane	7.412	129	2175m	0.091	ppbv	
49) Bromoform	9.493	173	1740m	0.084	ppbv	
50) 4-Methyl-2-Pentanone	5.826	43	4517m	0.105	ppbv	
51) 2-Hexanone	7.474	43	4072m	0.116	ppbv	
52) Tetrachloroethene	8.241	164	1787m	0.111	ppbv	
53) Toluene	6.959	91	5453m	0.109	ppbv	
54) 1,2-Dibromoethane	7.671	107	2413m	0.113	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.946	131	2224m	0.117	ppbv	
57) Chlorobenzene	8.937	112	4615m	0.129	ppbv	
58) Ethyl Benzene	9.370	91	7478	0.114	ppbv #	87
59) m/p-Xylene	9.545	91	10964m	0.211	ppbv	
60) o-Xylene	9.982	91	5641	0.109	ppbv	89
61) Styrene	9.888	104	2692m	0.104	ppbv	
62) Isopropylbenzene	10.558	105	9517m	0.122	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.979	83	3452	0.111	ppbv	99
64) n-propylbenzene	10.998	120	2060	0.101	ppbv	97
65) tert-Butylbenzene	11.545	119	7674	0.109	ppbv	99
66) Benzyl Chloride	11.629	91	558m	0.076	ppbv	
67) sec-Butylbenzene	11.782	105	10310	0.106	ppbv	95
69) p-Isopropyltoluene	11.937	119	7957	0.096	ppbv	95
70) n-Butylbenzene	12.296	91	8093	0.097	ppbv	96
71) 2-Chlorotoluene	10.911	91	6648	0.110	ppbv	89
72) 4-Ethyltoluene	11.141	105	6838	0.108	ppbv	96
73) 1,3,5-Trimethylbenzene	11.215	105	5879	0.109	ppbv	96
74) 1,2,4-Trimethylbenzene	11.552	105	7191	0.123	ppbv #	75
75) 1,3-Dichlorobenzene	11.620	146	4446	0.126	ppbv	90
76) 1,4-Dichlorobenzene	11.688	146	4182	0.120	ppbv	90
77) 1,2-Dichlorobenzene	11.963	146	4195	0.126	ppbv	94
78) Hexachloro-1,3-Butadiene	13.898	225	3752	0.131	ppbv	97
79) Naphthalene	13.526	128	5990	0.095	ppbv #	95
80) Naphthalene,2-methyl-	14.474	142	2481	0.073	ppbv	97
81) 1,2,4-Trichlorobenzene	13.452	180	2919	0.097	ppbv #	80

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

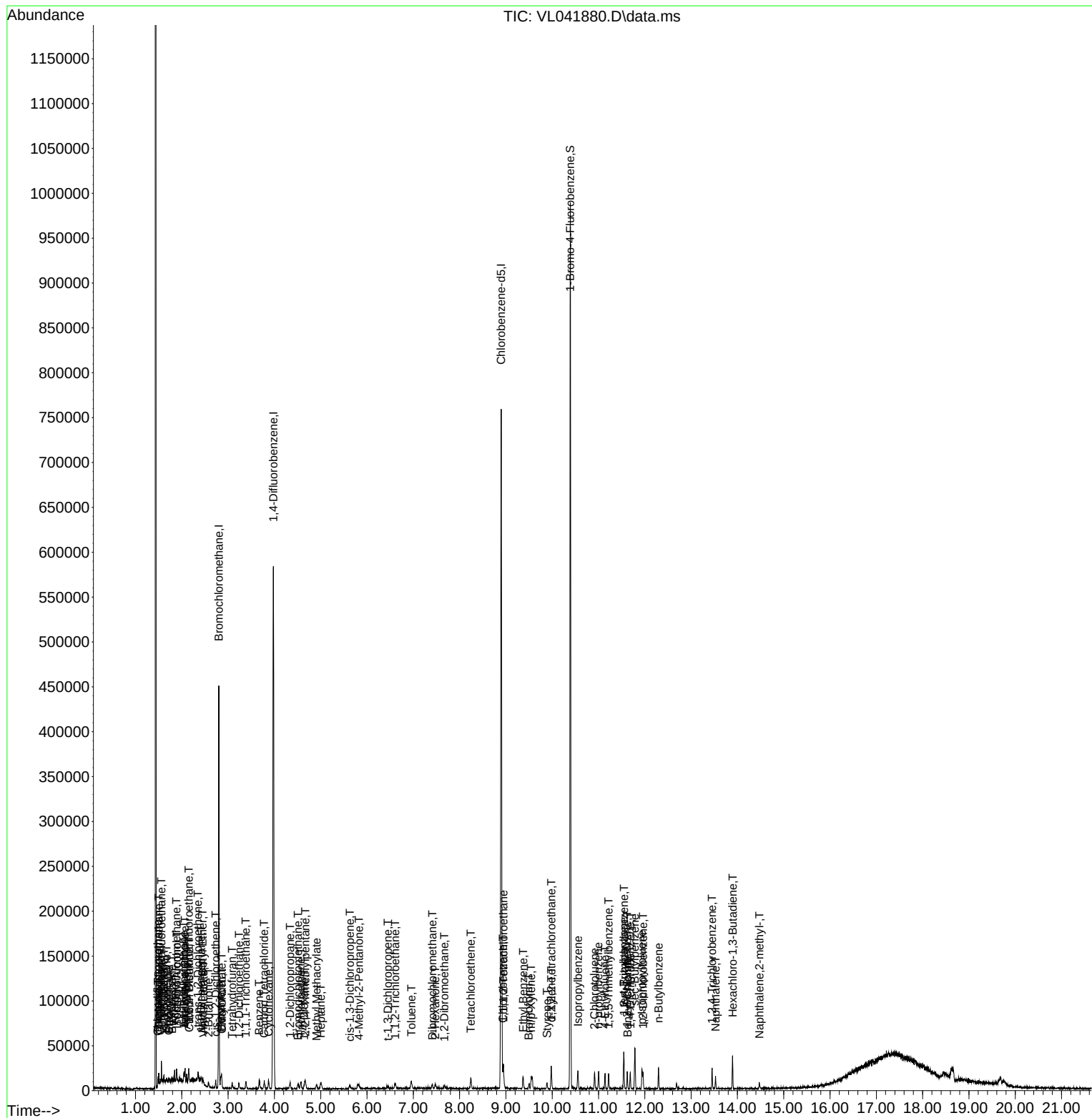
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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ALS Vial : 1 Sample Multiplier: 1

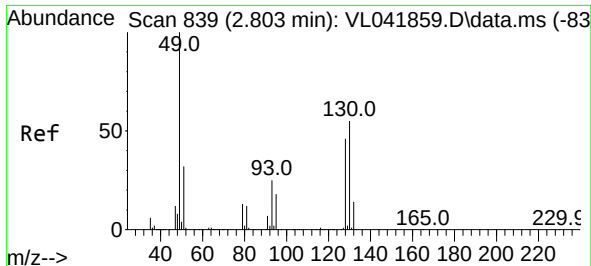
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

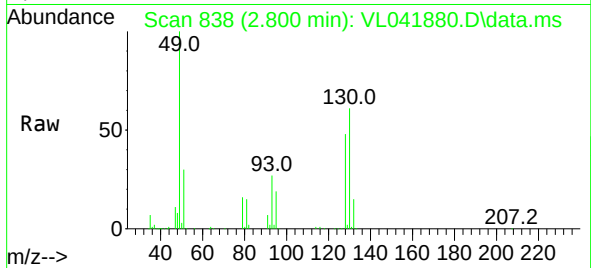
Quant Time: Jan 10 01:53:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

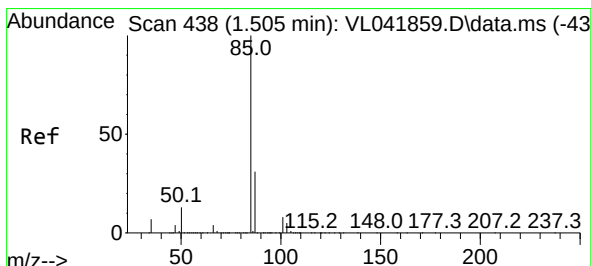
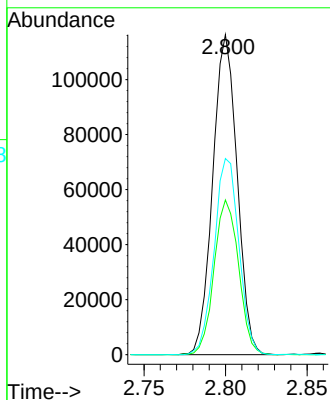
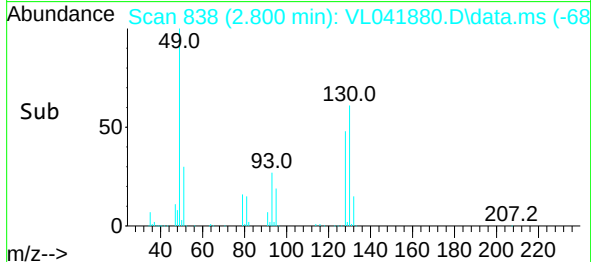
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 49 Resp: 12083
Ion Ratio Lower Upper
49 100
128 48.7 23.2 69.5
130 62.4 29.9 89.8

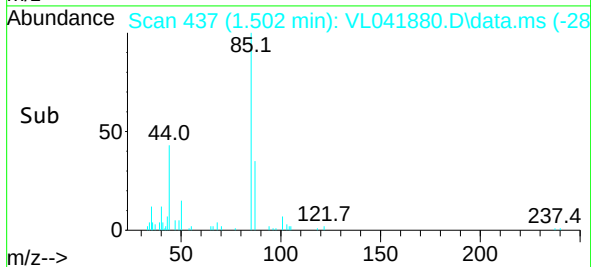
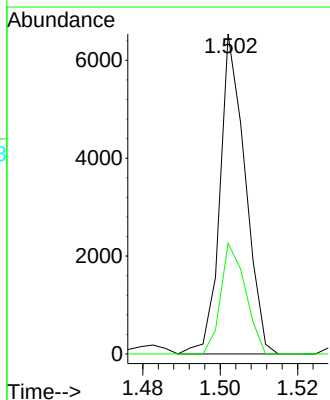
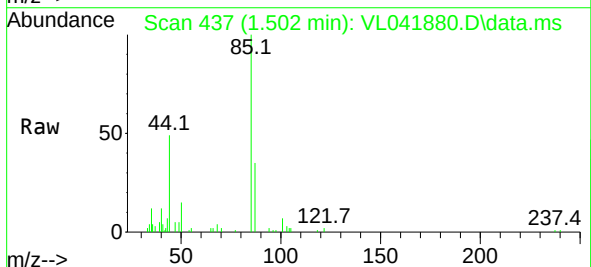
Manual Integrations
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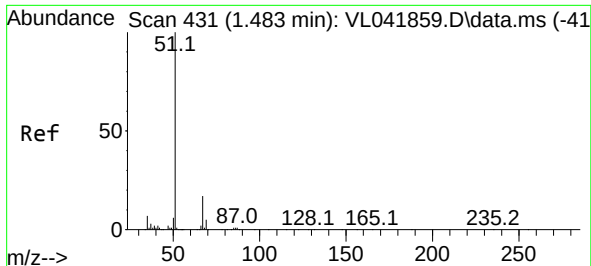
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#2
Dichlorodifluoromethane
Concen: 0.149 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

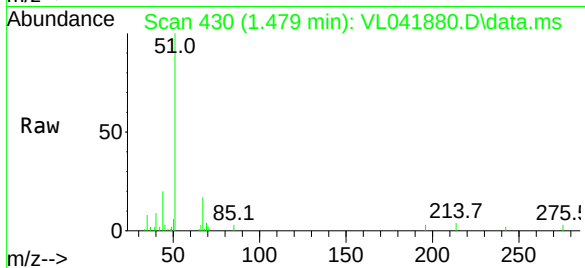
Tgt Ion: 85 Resp: 2963
Ion Ratio Lower Upper
85 100
87 34.6 25.2 37.8





#3
Chlorodifluoromethane
Concen: 0.150 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

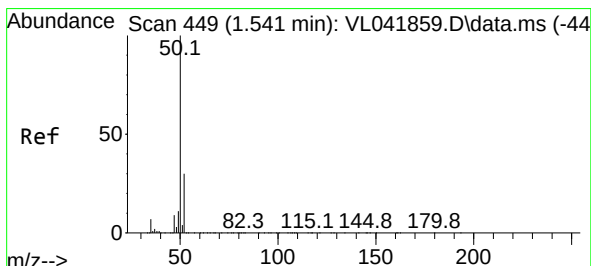
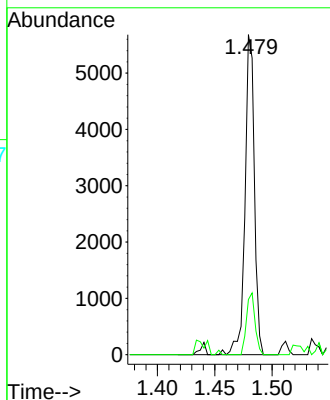
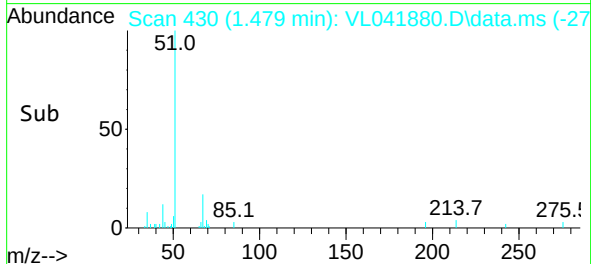
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



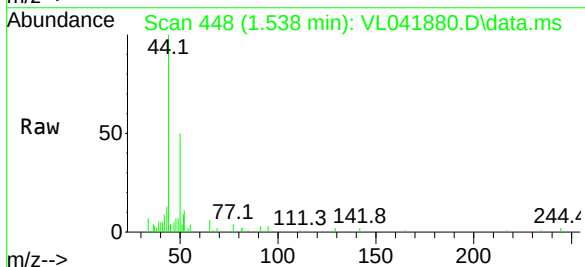
Tgt Ion: 51 Resp: 3278
Ion Ratio Lower Upper
51 100
67 17.4 13.8 20.8

Manual Integrations
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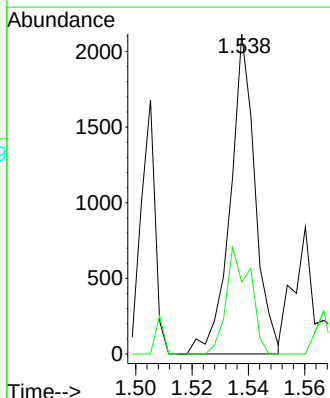
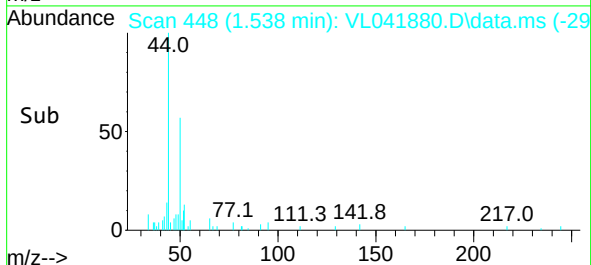
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

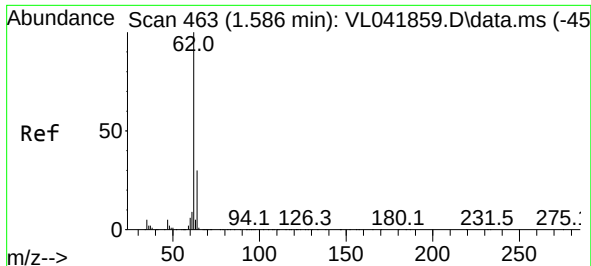


#4
Chloromethane
Concen: 0.168 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



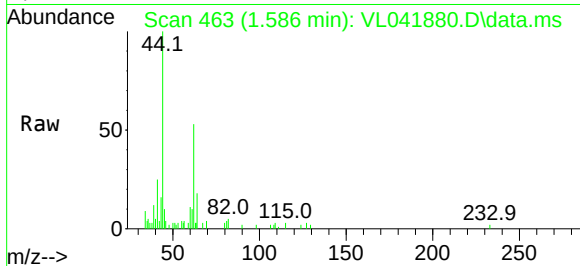
Tgt Ion: 50 Resp: 1292
Ion Ratio Lower Upper
50 100
52 22.4 23.9 35.9#





#5
 Vinyl Chloride
 Concen: 0.130 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

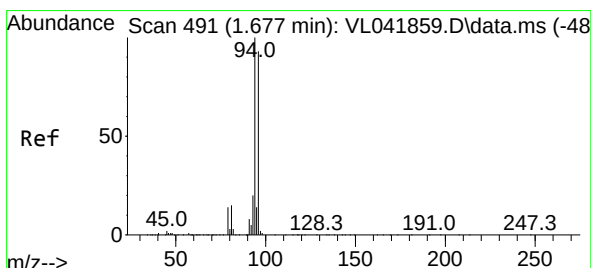
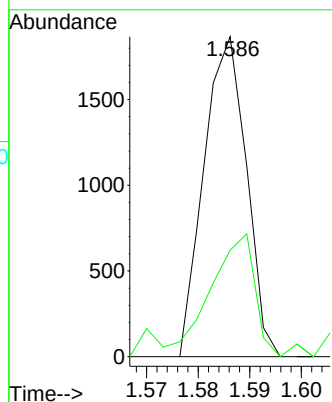
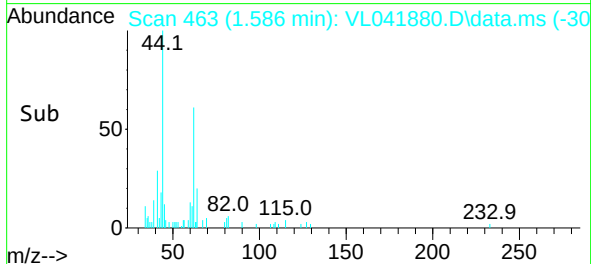
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



Tgt Ion: 62 Resp: 106
 Ion Ratio Lower Upper
 62 100
 64 28.6 24.1 36.1

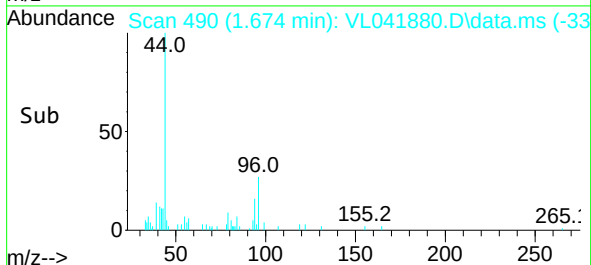
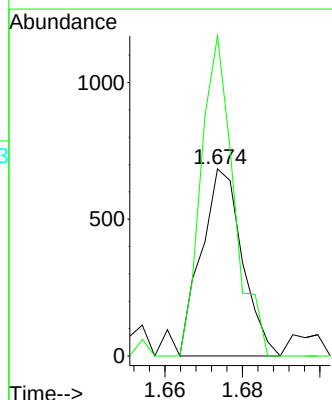
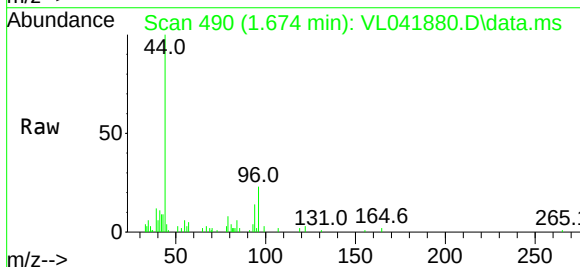
Manual Integrations
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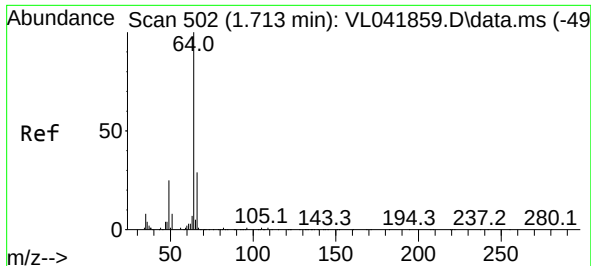
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#6
 Bromomethane
 Concen: 0.130 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

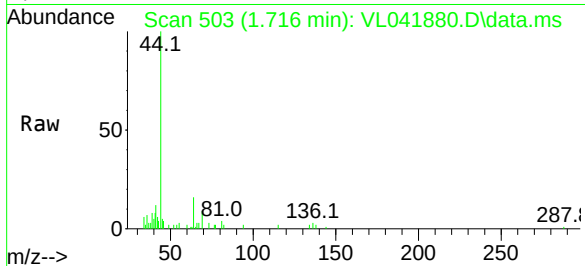
Tgt Ion: 94 Resp: 501
 Ion Ratio Lower Upper
 94 100
 96 171.1 74.8 112.2#





#7
Chloroethane
Concen: 0.176 ppbv
RT: 1.716 min Scan# 502
Delta R.T. 0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

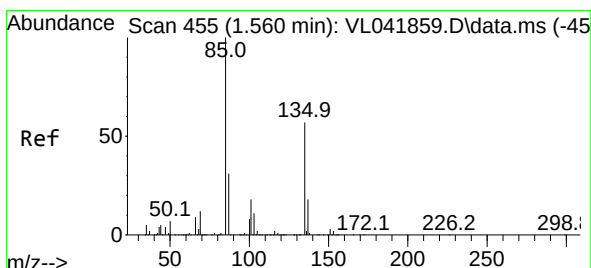
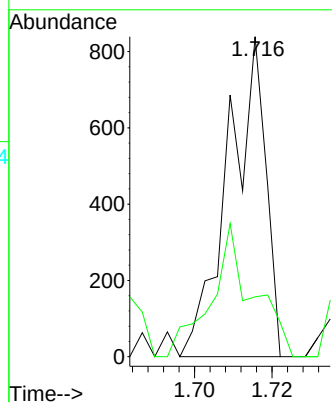
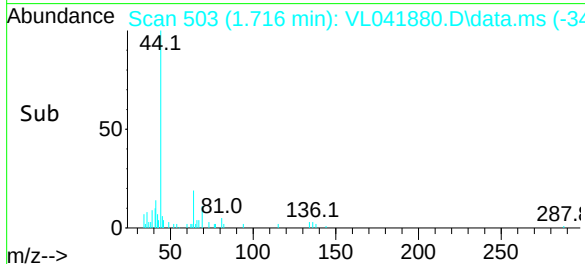
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



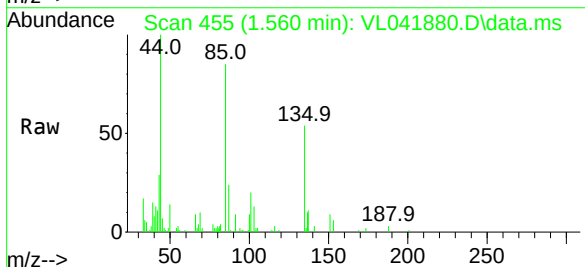
Tgt Ion: 64 Resp: 560
Ion Ratio Lower Upper
64 100
66 18.7 23.0 34.6

Manual Integrations
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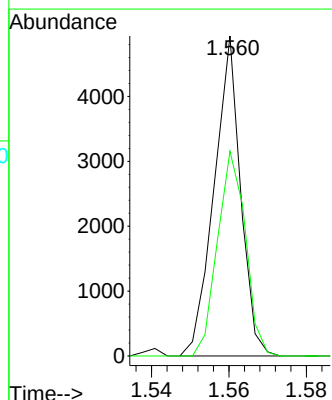
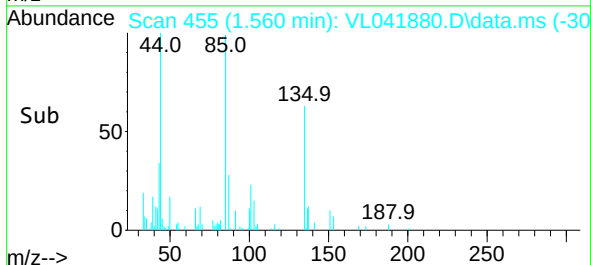
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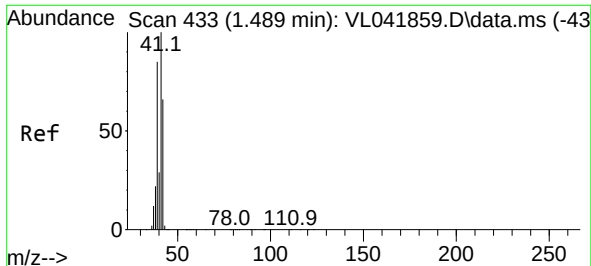


#8
Dichlorotetrafluoroethane
Concen: 0.136 ppbv
RT: 1.560 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



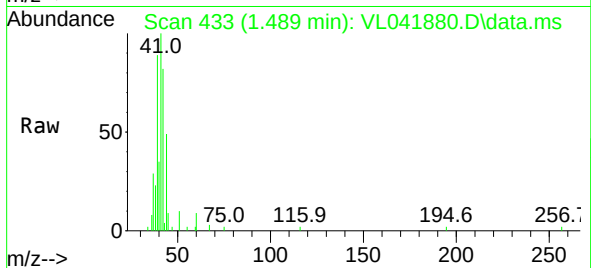
Tgt Ion: 85 Resp: 2345
Ion Ratio Lower Upper
85 100
135 67.5 52.2 78.4





#9
 Propene
 Concen: 0.190 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

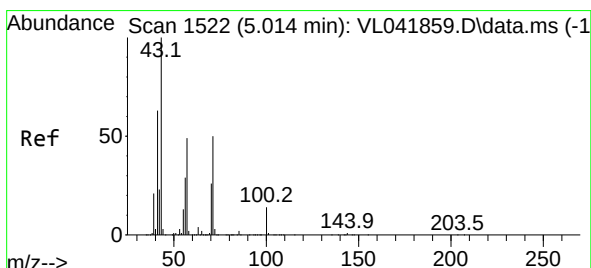
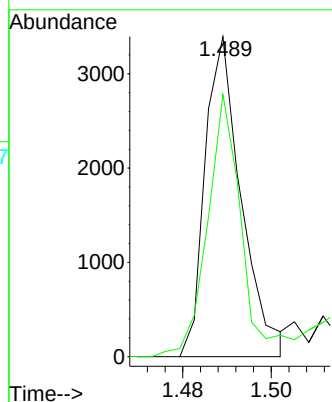
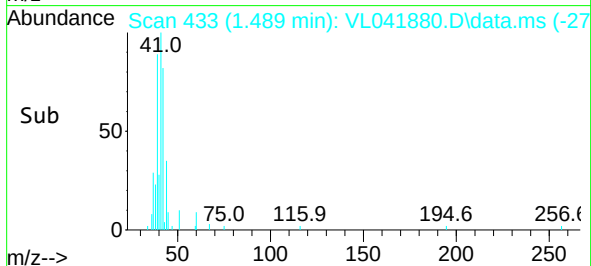
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



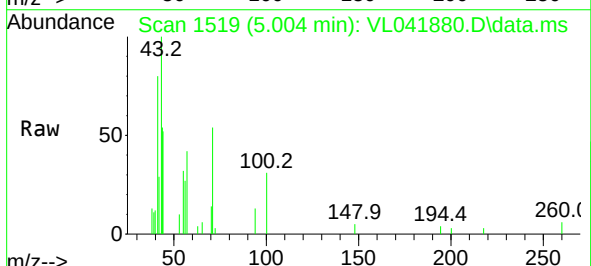
Tgt Ion: 41 Resp: 1930
 Ion Ratio Lower Upper
 41 100
 42 93.4 53.0 79.6

Manual Integrations
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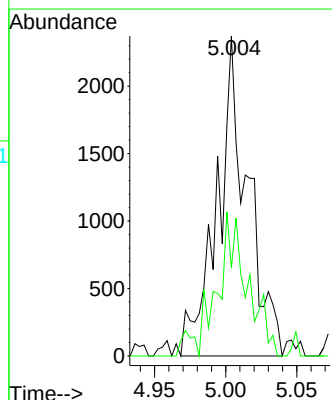
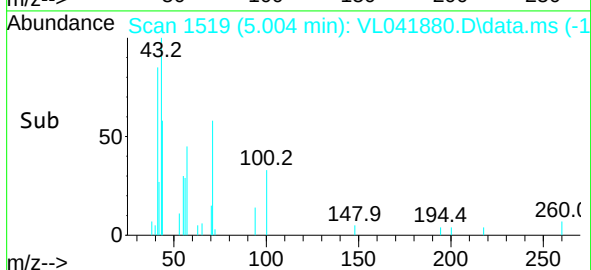
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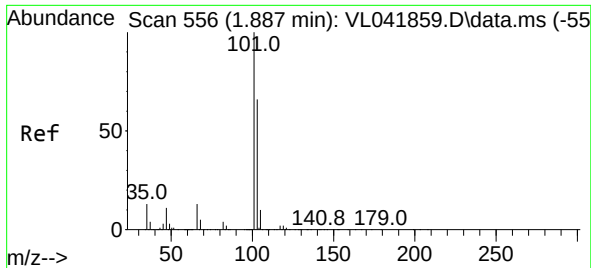


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 Heptane
 Concen: 0.132 ppbv m
 RT: 5.004 min Scan# 1519
 Delta R.T. -0.010 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47



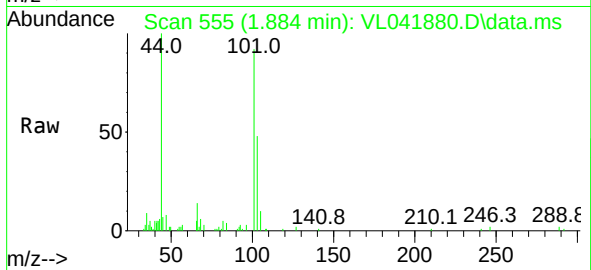
Tgt Ion: 43 Resp: 3540
 Ion Ratio Lower Upper
 43 100
 57 0.0 40.2 60.2





#11
 Trichlorofluoromethane
 Concen: 0.150 ppbv m
 RT: 1.884 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

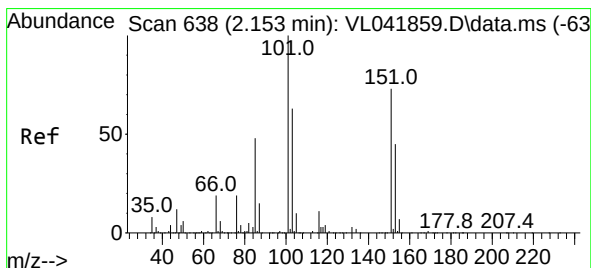
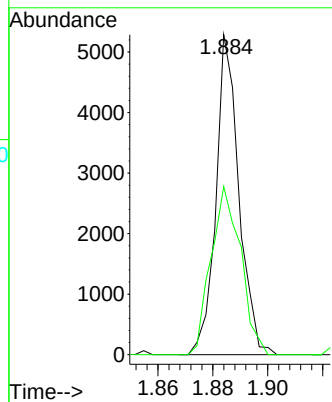
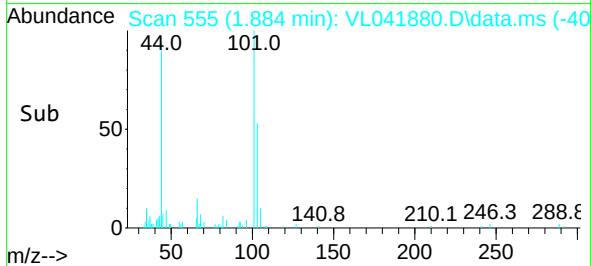
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



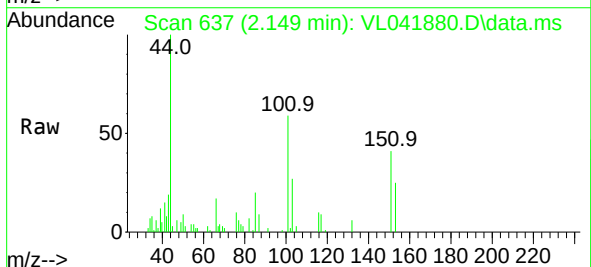
Tgt Ion:101 Resp: 3068
 Ion Ratio Lower Upper
 101 100
 103 52.5 52.6 78.8

Manual Integrations
 APPROVED

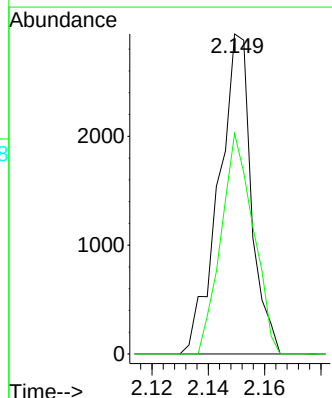
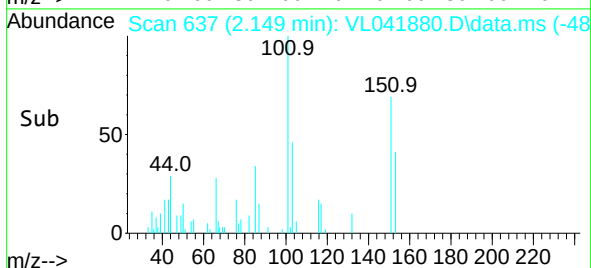
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

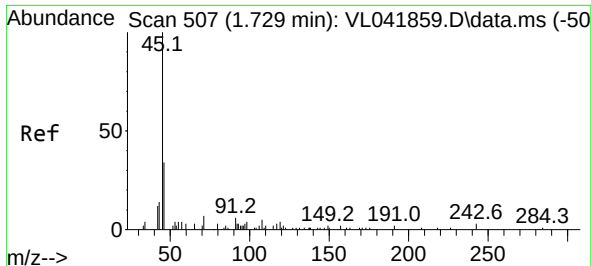


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.144 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. -0.003 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47



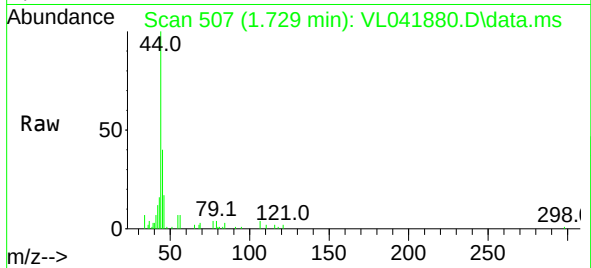
Tgt Ion:101 Resp: 2370
 Ion Ratio Lower Upper
 101 100
 151 68.1 59.4 89.0





#13
Ethanol
Concen: 1.471 ppbv m
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

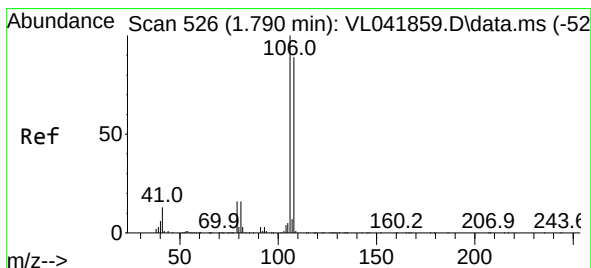
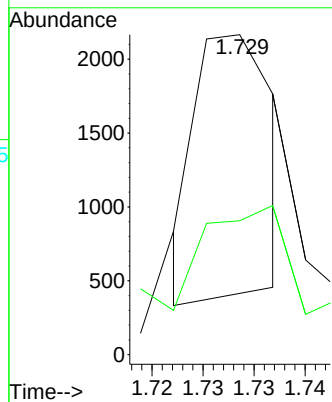
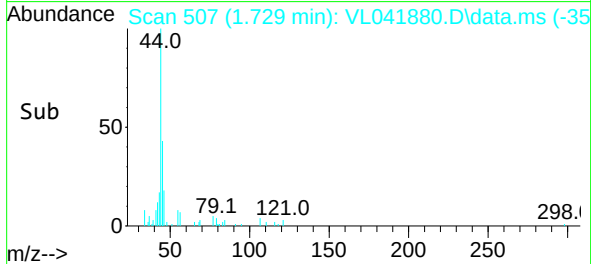
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



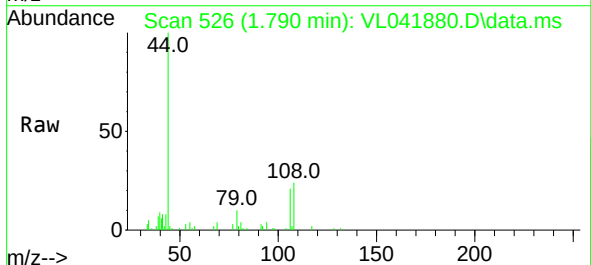
Tgt Ion: 45 Resp: 950
Ion Ratio Lower Upper
45 100
46 0.0 19.0 76.0

Manual Integrations
APPROVED

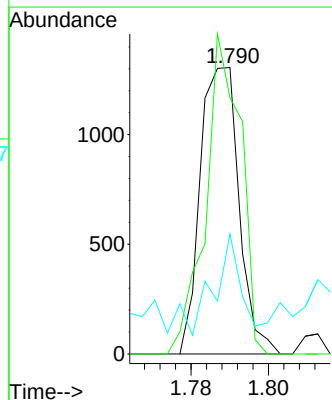
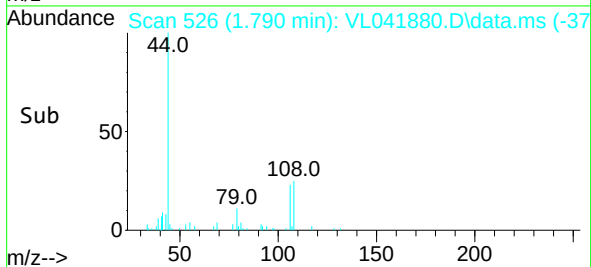
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

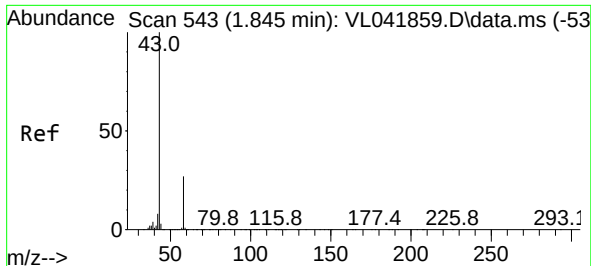


#14
Bromoethene
Concen: 0.154 ppbv
RT: 1.790 min Scan# 526
Delta R.T. -0.000 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



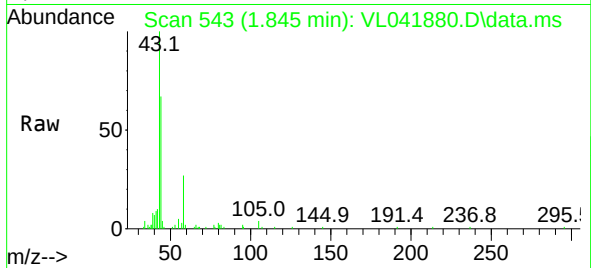
Tgt Ion:108 Resp: 910
Ion Ratio Lower Upper
108 100
106 103.8 86.9 130.3
79 115.6 15.6 23.4





#15
Acetone
Concen: 0.285 ppbv
RT: 1.845 min Scan# 543
Delta R.T. -0.000 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

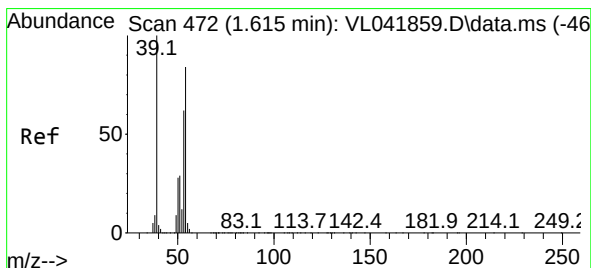
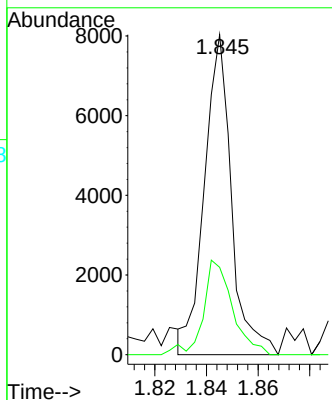
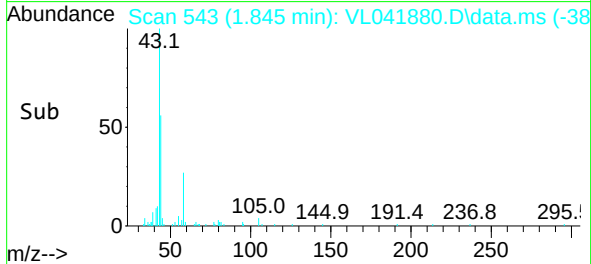
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 43 Resp: 5810
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

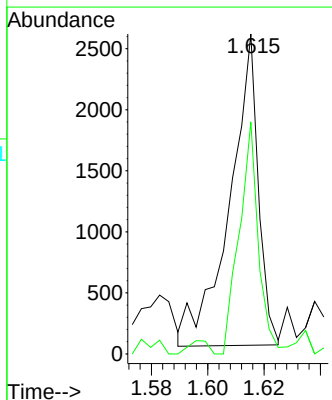
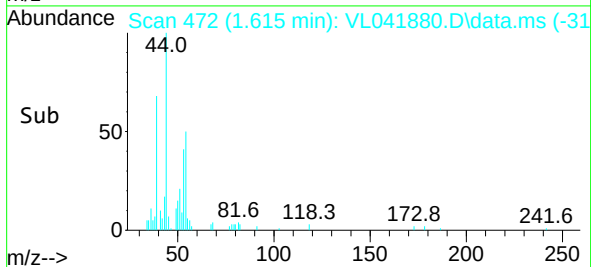
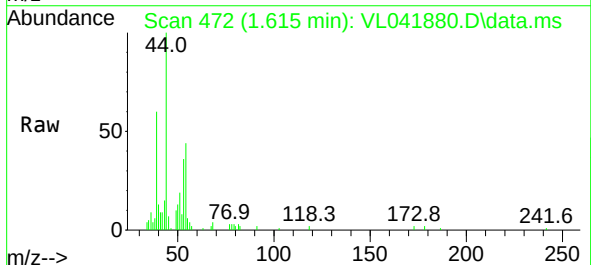
Manual Integrations
APPROVED

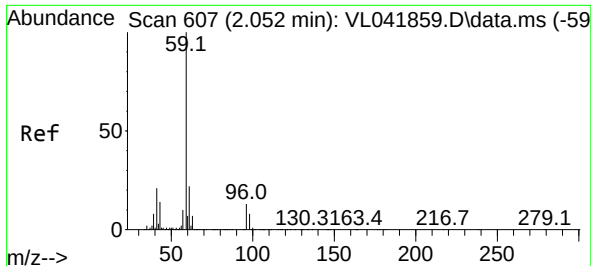
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#16
1,3-Butadiene
Concen: 0.206 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

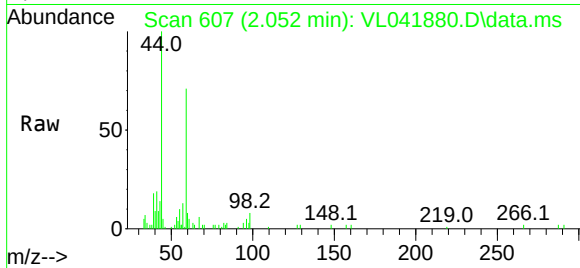
Tgt Ion: 39 Resp: 1801
Ion Ratio Lower Upper
39 100
54 56.4 60.1 90.1#





#17
tert-Butyl alcohol
Concen: 0.131 ppbv
RT: 2.052 min Scan# 607
Delta R.T. -0.000 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

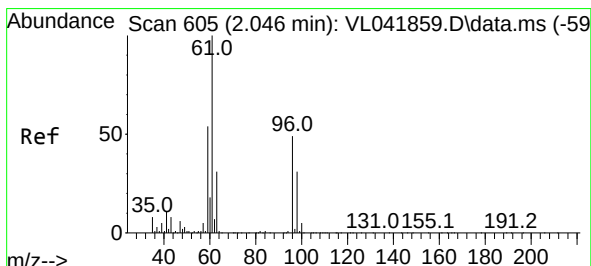
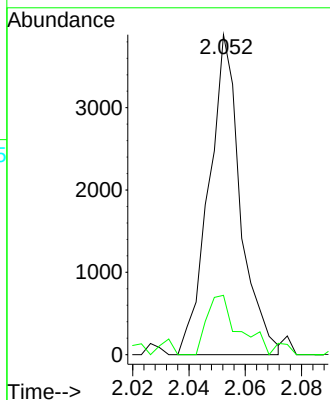
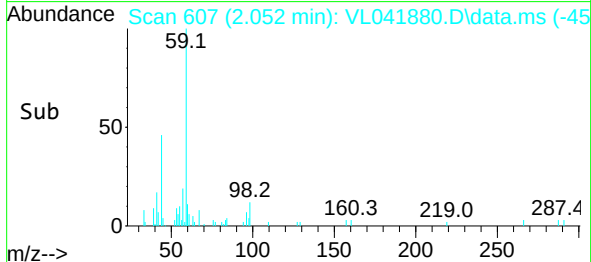
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



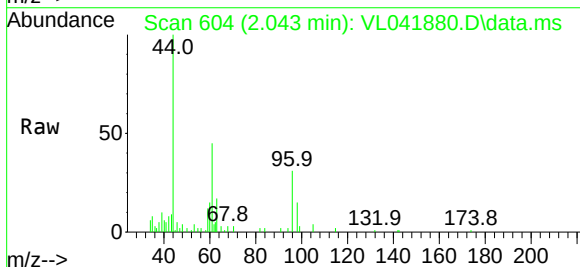
Tgt Ion: 59 Resp: 303
Ion Ratio Lower Upper
59 100
57 21.4 8.2 12.4

Manual Integrations
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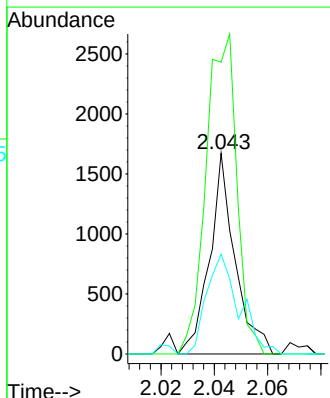
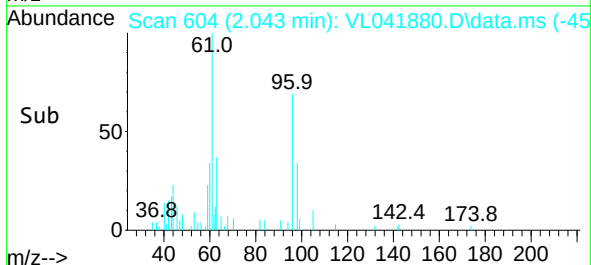
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

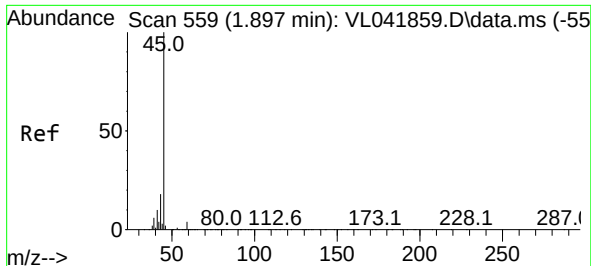


#18
1,1-Dichloroethene
Concen: 0.148 ppbv m
RT: 2.043 min Scan# 604
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



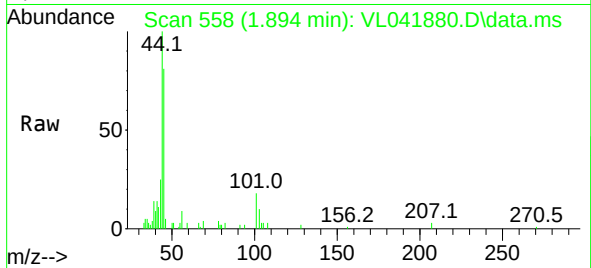
Tgt Ion: 96 Resp: 1106
Ion Ratio Lower Upper
96 100
61 145.5 161.7 242.5#
98 49.7 51.0 76.4#





#19
Isopropyl Alcohol
Concen: 0.304 ppbv
RT: 1.894 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

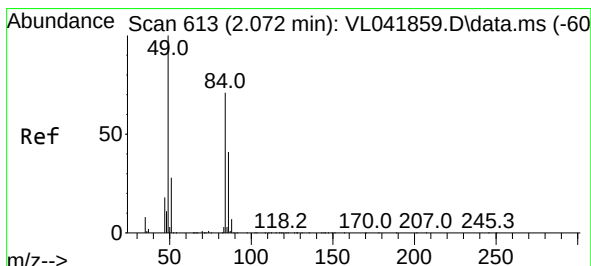
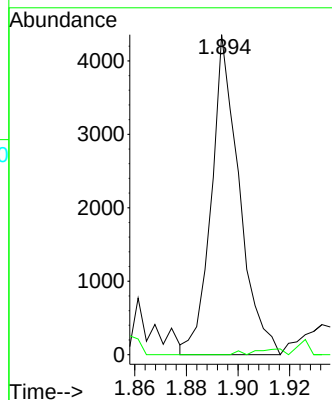
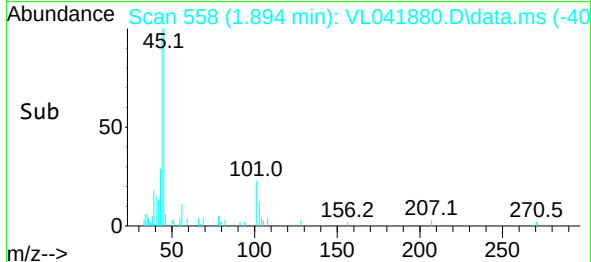
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



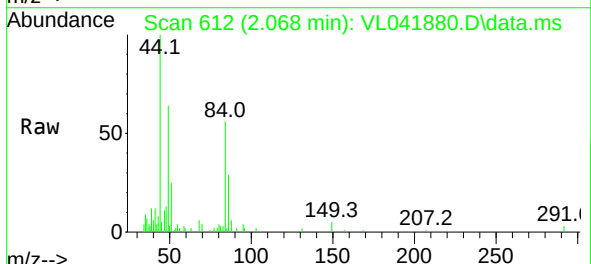
Tgt Ion: 45 Resp: 325
Ion Ratio Lower Upper
45 100
58 3.7 37.0 55.6

Manual Integrations
APPROVED

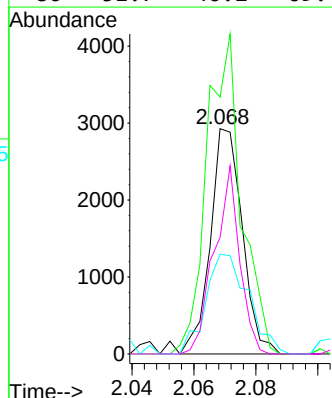
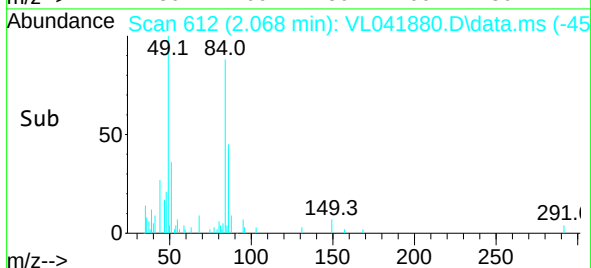
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

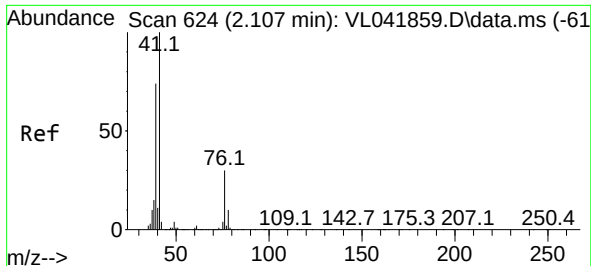


#20
Methylene Chloride
Concen: 0.302 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



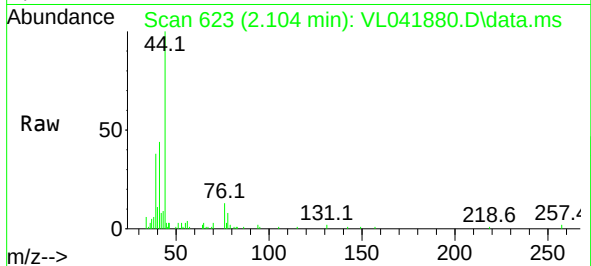
Tgt Ion: 84 Resp: 2098
Ion Ratio Lower Upper
84 100
49 113.9 113.8 170.8
51 44.3 33.5 50.3
86 51.7 46.2 69.4





#21
Allyl Chloride
Concen: 0.127 ppbv
RT: 2.104 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

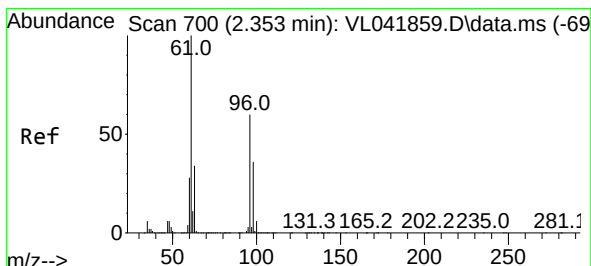
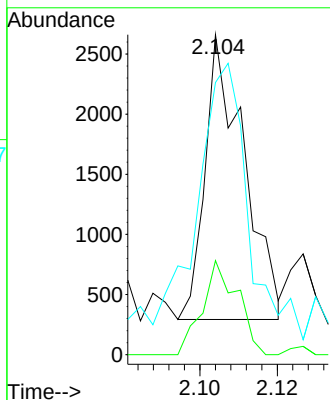
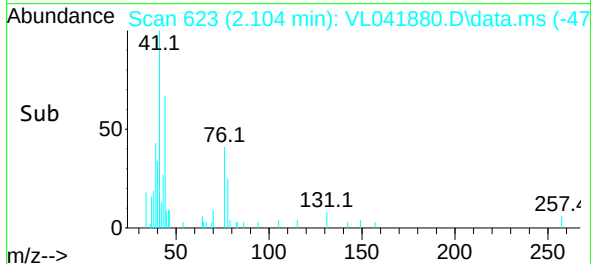
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 41 Resp: 165
Ion Ratio Lower Upper
41 100
76 31.2 24.6 36.8
39 154.8 60.1 90.1

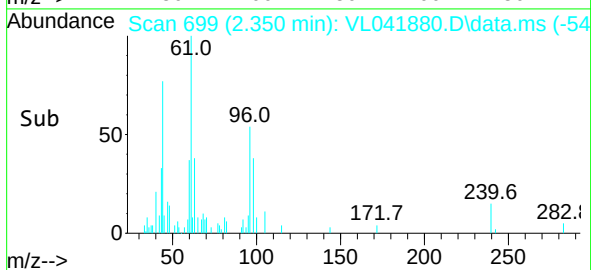
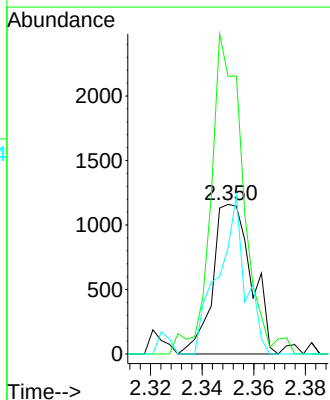
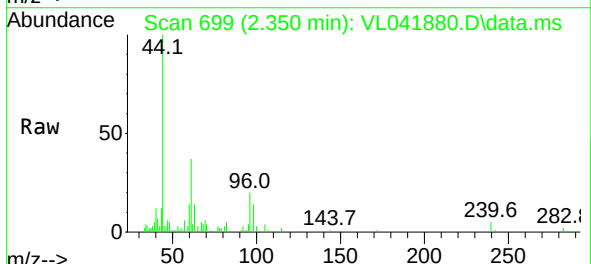
Manual Integrations
APPROVED

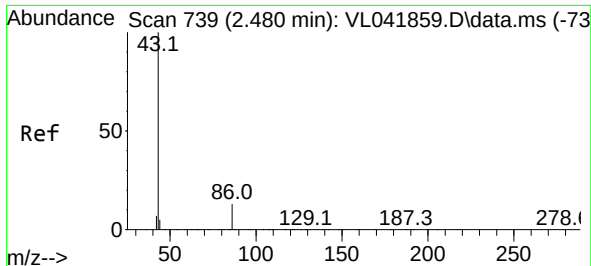
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#22
trans-1,2-Dichloroethene
Concen: 0.140 ppbv
RT: 2.350 min Scan# 699
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

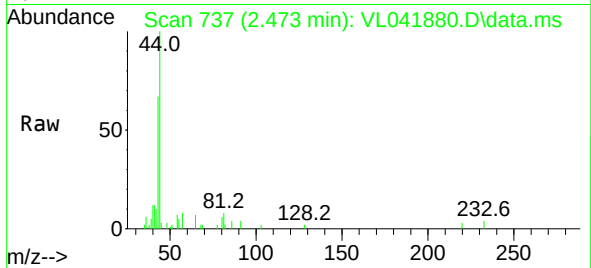
Tgt Ion: 96 Resp: 1206
Ion Ratio Lower Upper
96 100
61 195.1 134.2 201.4
98 71.1 49.0 73.4





#23
 Vinyl Acetate
 Concen: 0.205 ppbv
 RT: 2.473 min Scan# 711
 Delta R.T. -0.007 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

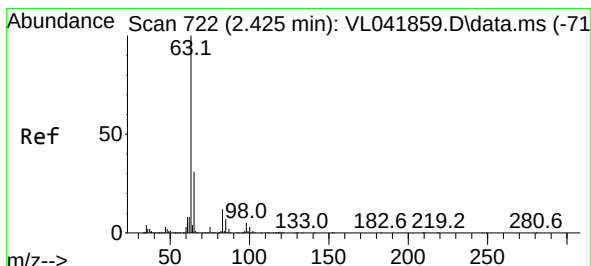
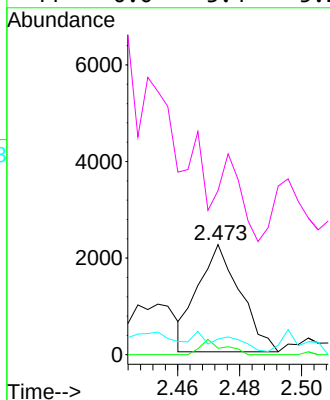
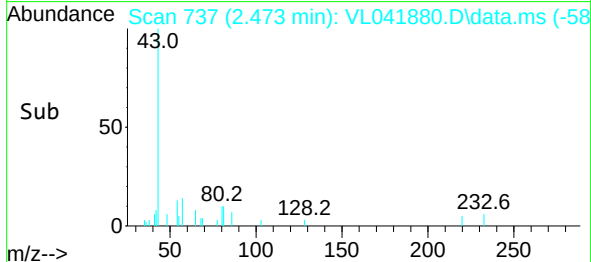
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



Tgt Ion: 43 Resp: 211
 Ion Ratio Lower Upper
 43 100
 86 6.0 7.8 11.6
 42 5.8 7.0 10.4
 44 0.0 3.4 5.2

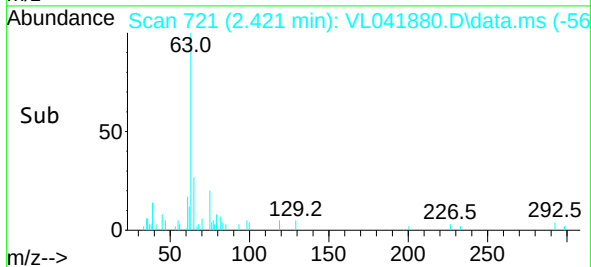
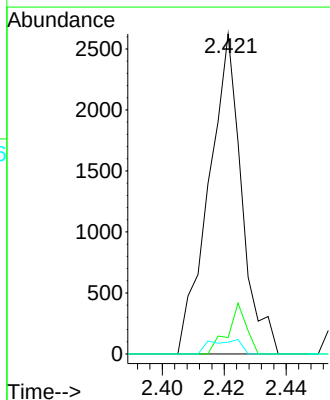
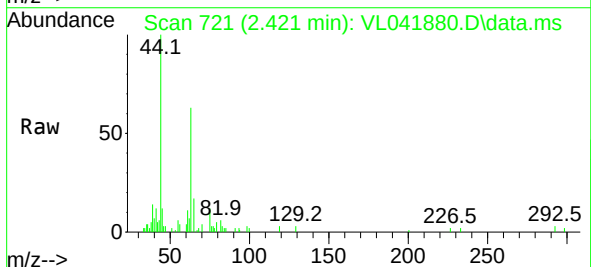
Manual Integrations
 APPROVED

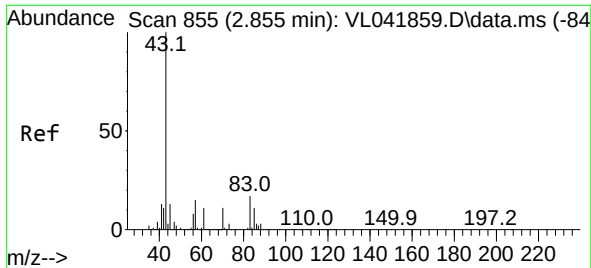
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#24
 1,1-Dichloroethane
 Concen: 0.119 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. -0.003 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

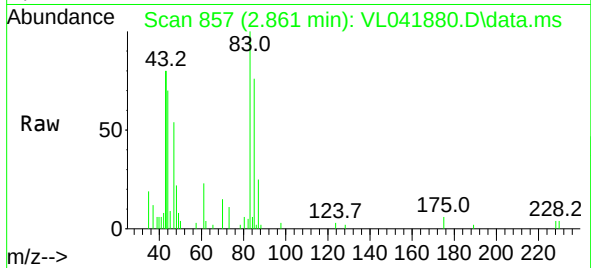
Tgt Ion: 63 Resp: 1940
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.3 6.9
 100 3.7 1.3 3.8





#25
Ethyl Acetate
Concen: 0.133 ppbv m
RT: 2.861 min Scan# 857
Delta R.T. 0.006 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

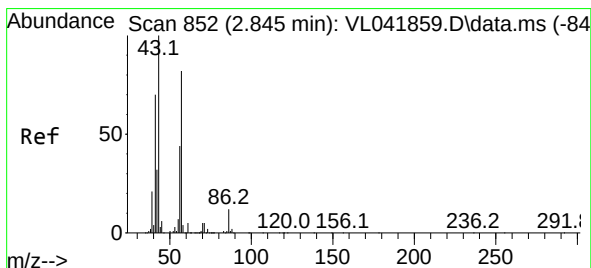
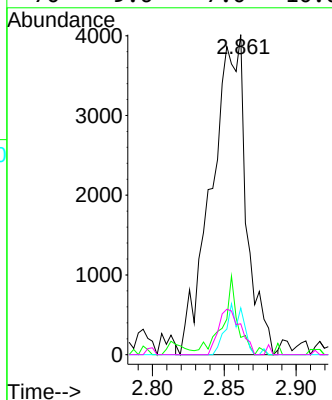
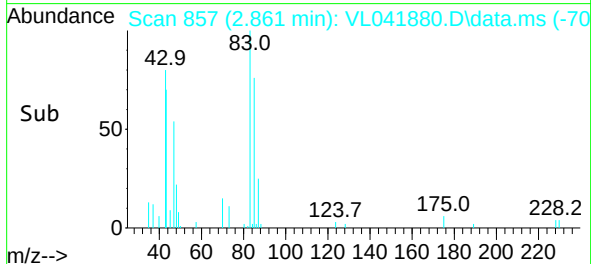
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



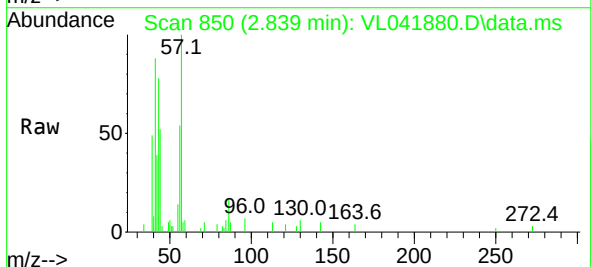
Tgt Ion: 43 Resp: 6710
Ion Ratio Lower Upper
43 100
45 13.1 8.4 12.6
61 7.9 7.3 10.9
70 9.6 7.0 10.6

Manual Integrations
APPROVED

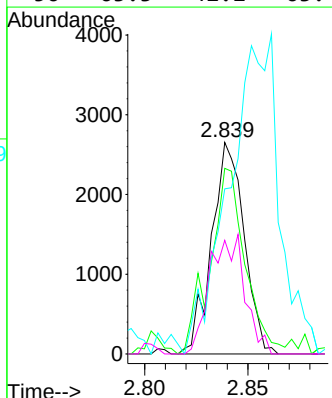
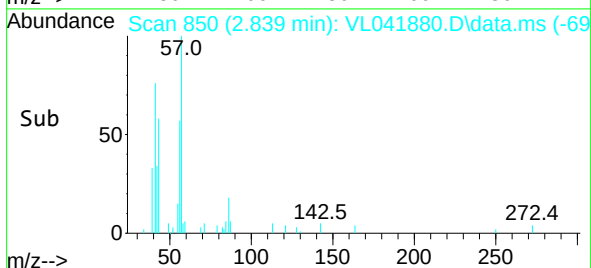
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

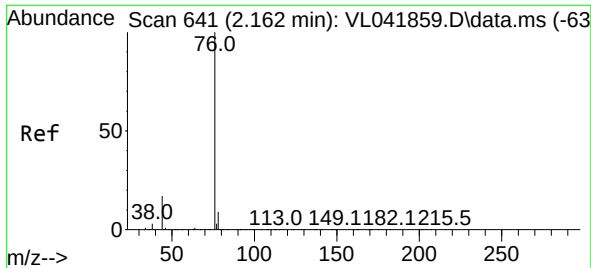


#26
Hexane
Concen: 0.139 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



Tgt Ion: 57 Resp: 2902
Ion Ratio Lower Upper
57 100
41 106.1 71.5 107.3
43 234.1 200.2 300.4
56 63.3 42.2 63.4





#27

Carbon Disulfide

Concen: 0.115 ppbv

RT: 2.162 min Scan# 641

Delta R.T. -0.000 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

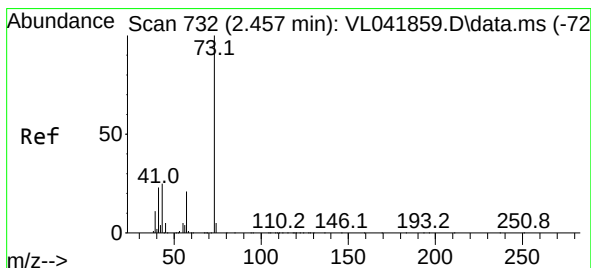
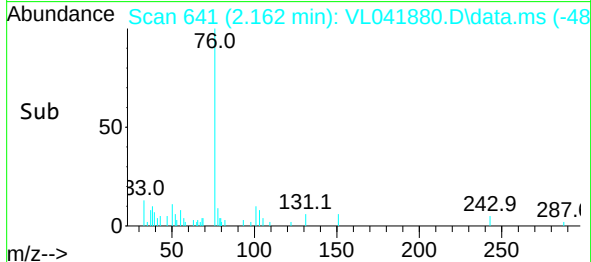
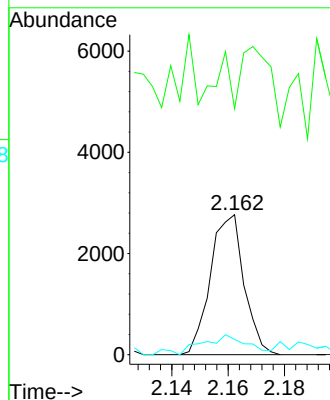
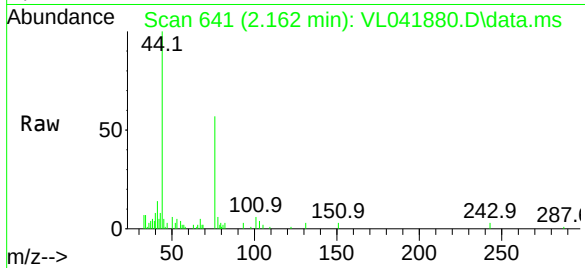
MDL 0.1

Tgt Ion: 76	Resp: 2290
Ion Ratio	Lower Upper
76 100	
44 232.7	13.1 19.7
78 22.2	9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#28

Methyl tert-Butyl Ether

Concen: 0.118 ppbv

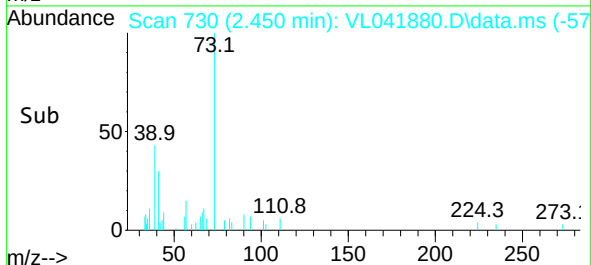
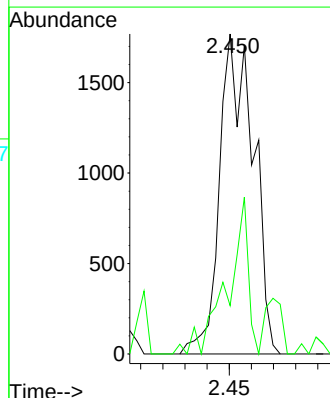
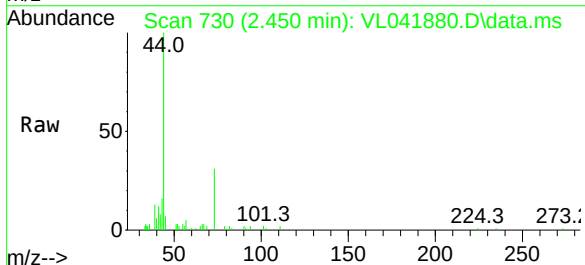
RT: 2.450 min Scan# 730

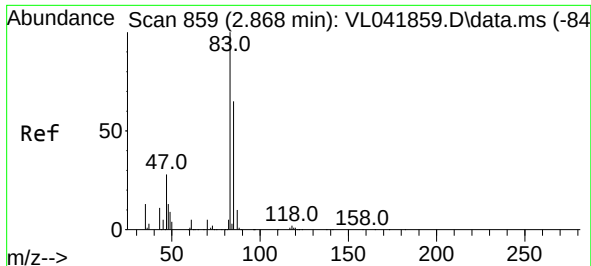
Delta R.T. -0.007 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Tgt Ion: 73	Resp: 1870
Ion Ratio	Lower Upper
73 100	
57 40.6	17.5 26.3





#29

Chloroform

Concen: 0.127 ppbv m

RT: 2.865 min Scan# 859

Delta R.T. -0.003 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion: 83 Resp: 3698

Ion Ratio Lower Upper

83 100

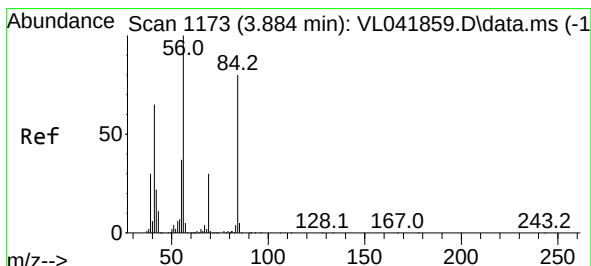
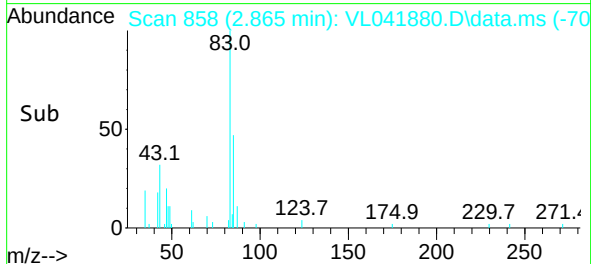
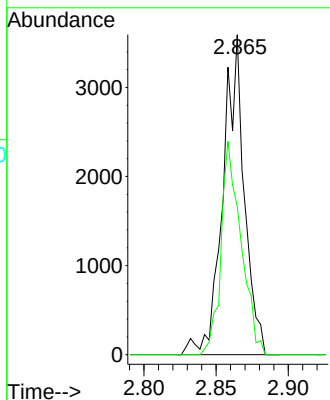
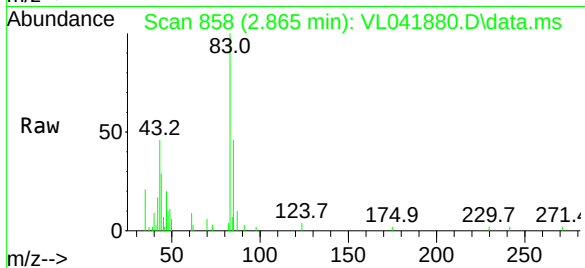
85 46.4 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#30

Cyclohexane

Concen: 0.120 ppbv m

RT: 3.874 min Scan# 1170

Delta R.T. -0.010 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

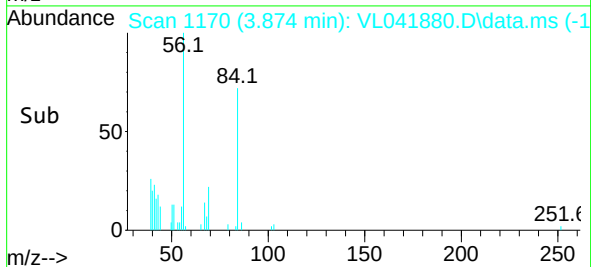
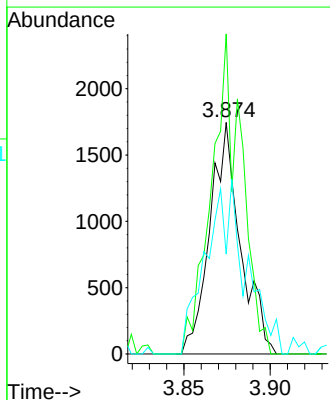
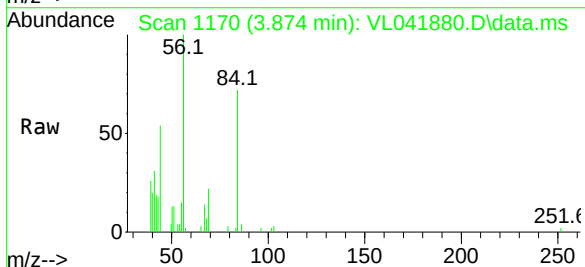
Tgt Ion: 84 Resp: 2155

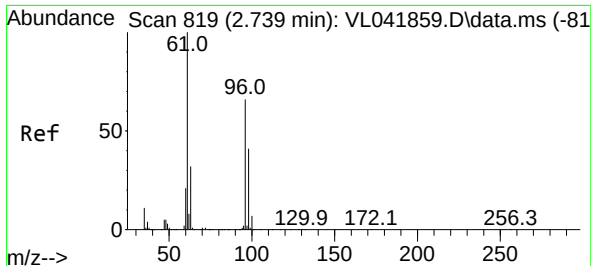
Ion Ratio Lower Upper

84 100

56 139.6 100.7 151.1

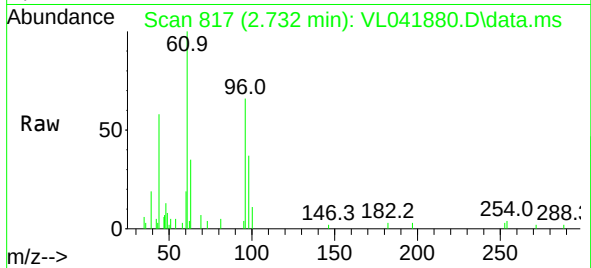
41 103.2 62.8 94.2





#31
 cis-1,2-Dichloroethene
 Concen: 0.115 ppbv
 RT: 2.732 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

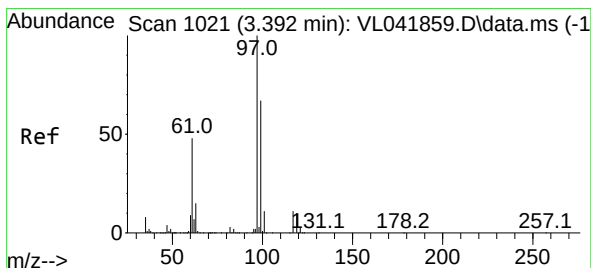
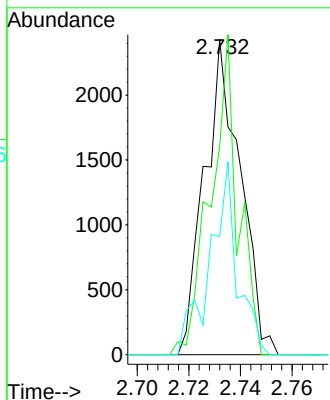
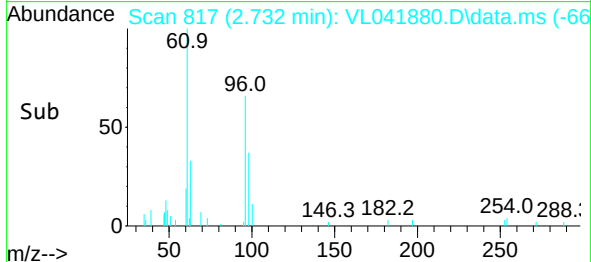
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



Tgt Ion: 61 Resp: 2344
 Ion Ratio Lower Upper
 61 100
 96 65.8 53.2 79.8
 98 37.5 32.5 48.7

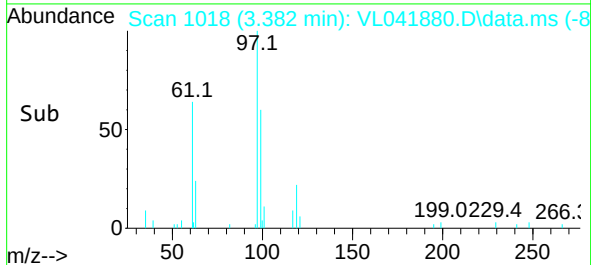
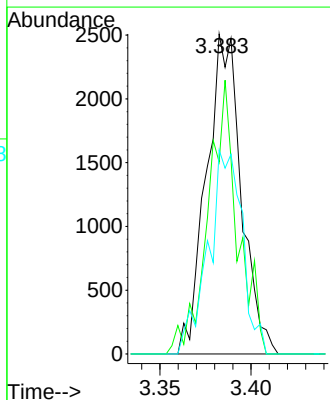
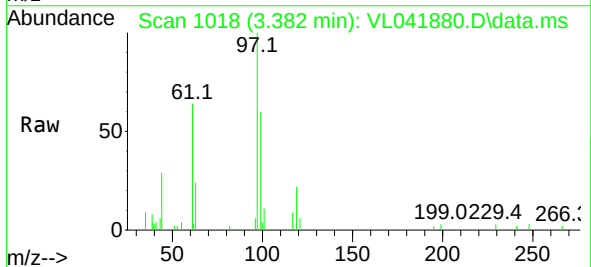
Manual Integrations
 APPROVED

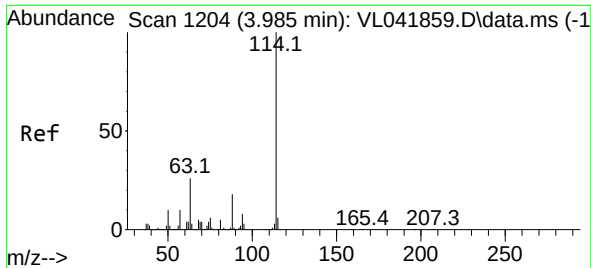
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#32
 1,1,1-Trichloroethane
 Concen: 0.115 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.010 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

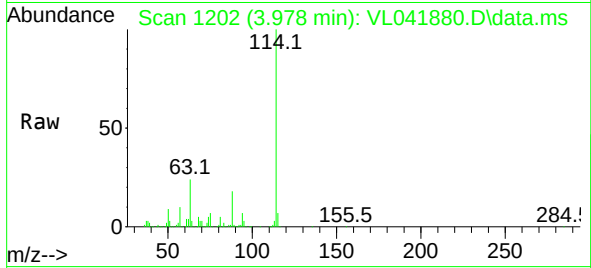
Tgt Ion: 97 Resp: 3338
 Ion Ratio Lower Upper
 97 100
 99 72.7 52.0 78.0
 61 62.0 38.8 58.2#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 114
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

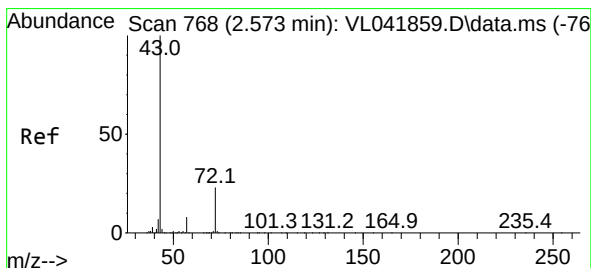
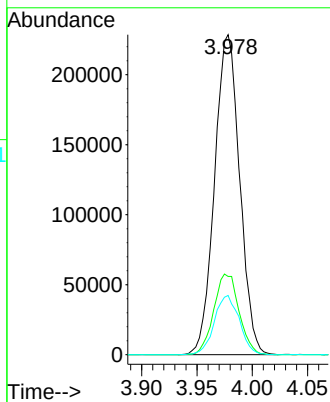
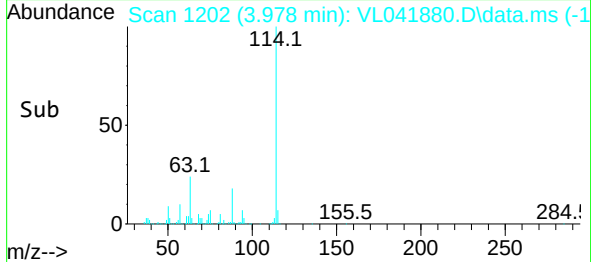
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:114 Resp: 36110
Ion Ratio Lower Upper
114 100
63 25.4 20.3 30.5
88 18.4 14.6 21.8

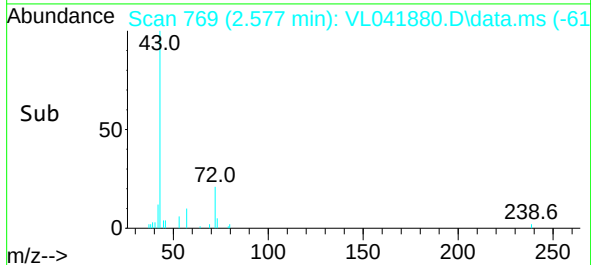
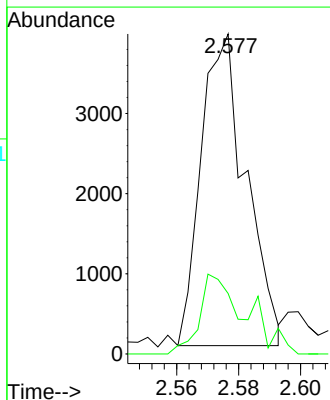
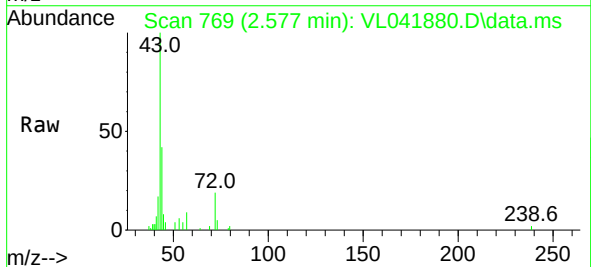
Manual Integrations
APPROVED

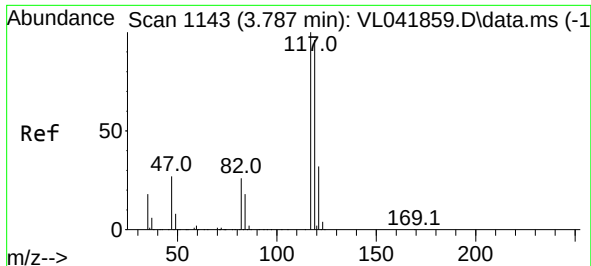
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#34
2-Butanone
Concen: 0.130 ppbv
RT: 2.577 min Scan# 769
Delta R.T. 0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

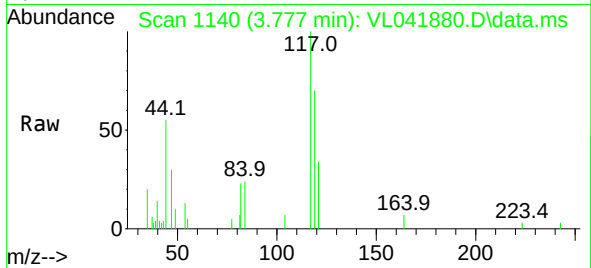
Tgt Ion: 43 Resp: 3901
Ion Ratio Lower Upper
43 100
72 26.6 18.5 27.7





#35
Carbon Tetrachloride
Concen: 0.110 ppbv m
RT: 3.777 min Scan# 1143
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

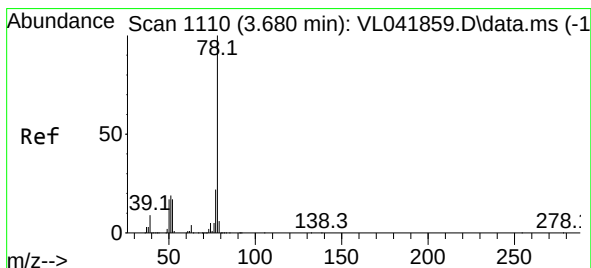
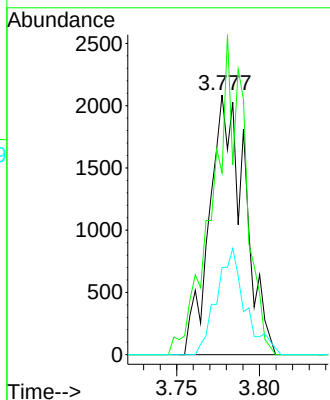
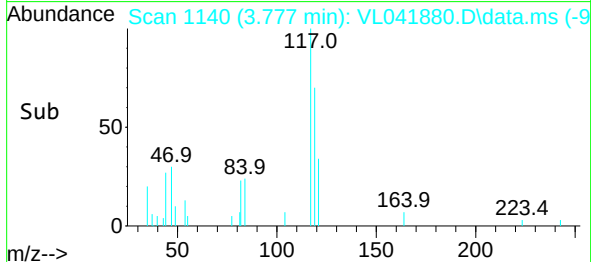
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



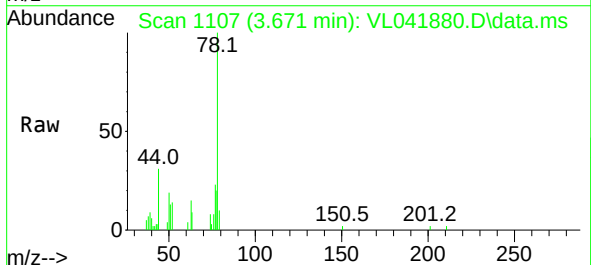
Tgt Ion: 117 Resp: 309
Ion Ratio Lower Upper
117 100
119 70.0 76.9 115.3
121 33.6 25.9 38.9

Manual Integrations
APPROVED

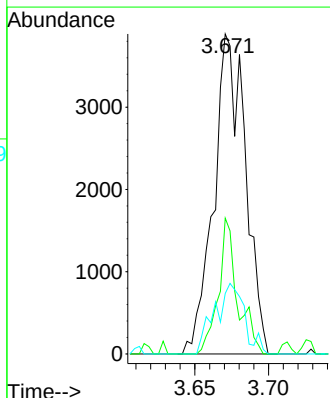
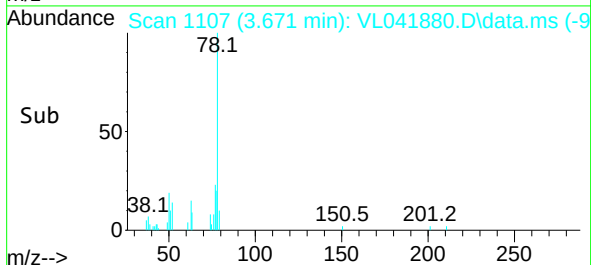
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

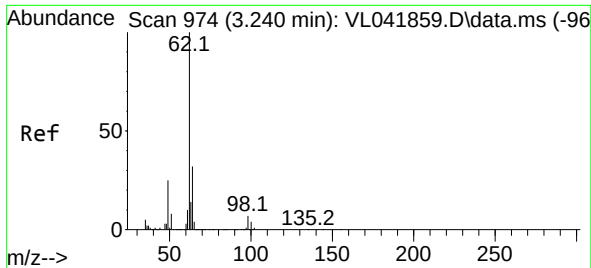


#36
Benzene
Concen: 0.139 ppbv m
RT: 3.671 min Scan# 1107
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



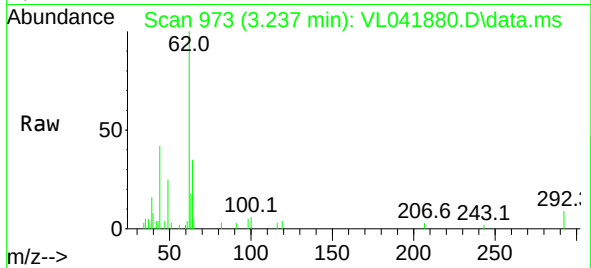
Tgt Ion: 78 Resp: 5810
Ion Ratio Lower Upper
78 100
77 22.6 17.9 26.9
50 18.9 13.7 20.5





#37
1,2-Dichloroethane
Concen: 0.133 ppbv m
RT: 3.237 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

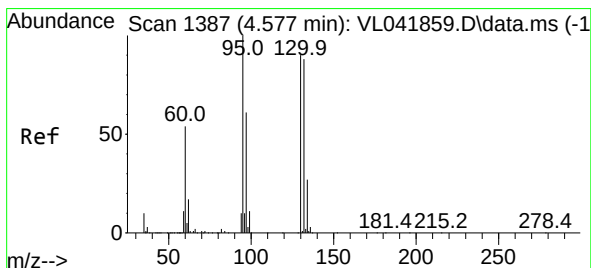
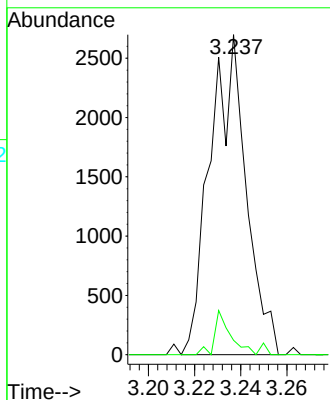
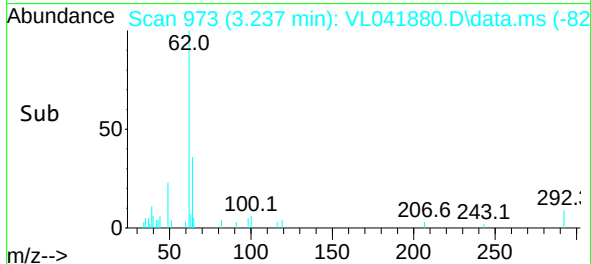
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 62 Resp: 2932
Ion Ratio Lower Upper
62 100
98 0.0 5.6 8.4

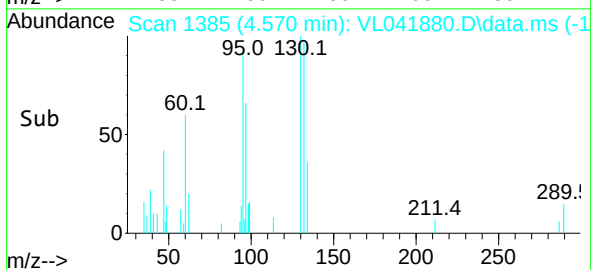
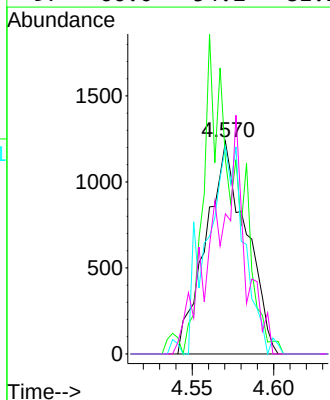
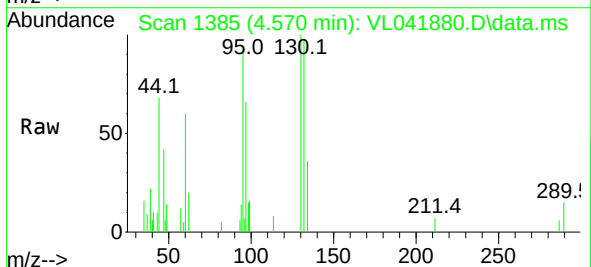
Manual Integrations
APPROVED

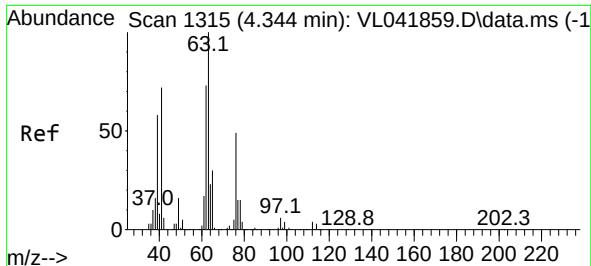
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#38
Trichloroethene
Concen: 0.128 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion:130 Resp: 2122
Ion Ratio Lower Upper
130 100
95 85.7 88.5 132.7#
132 93.2 78.2 117.2
97 66.0 54.2 81.2





#39

1,2-Dichloropropane

Concen: 0.126 ppbv m

RT: 4.341 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VL041880.D

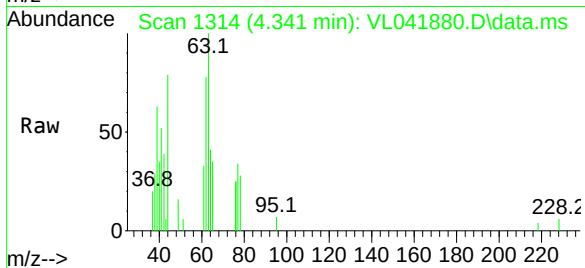
Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1



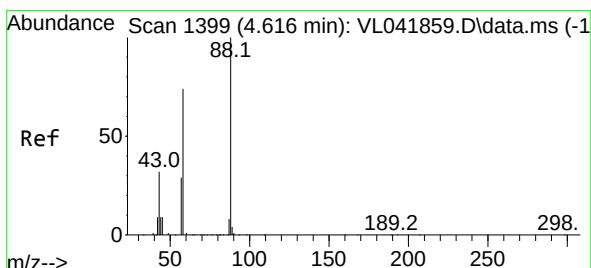
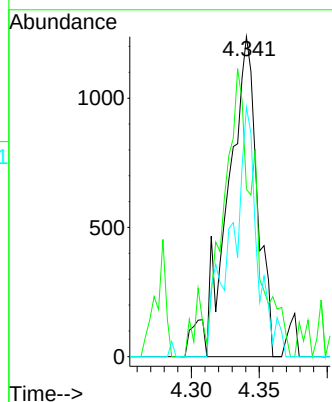
Tgt Ion: 63 Resp: 1879

Ion	Ratio	Lower	Upper
63	100		
41	52.3	58.0	87.0#
62	77.9	58.6	87.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#40

1,4-Dioxane

Concen: 0.132 ppbv m

RT: 4.642 min Scan# 1407

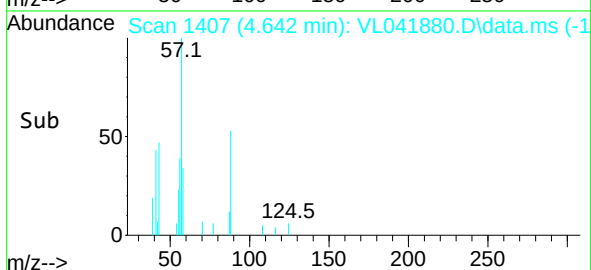
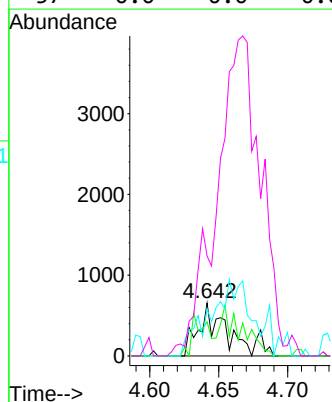
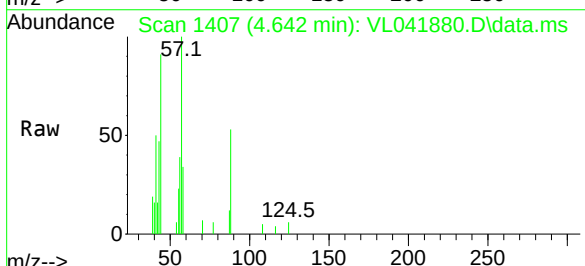
Delta R.T. 0.026 min

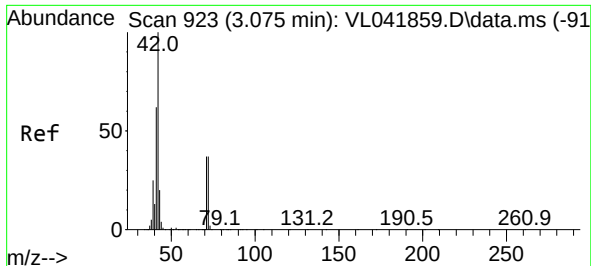
Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Tgt Ion: 88 Resp: 991

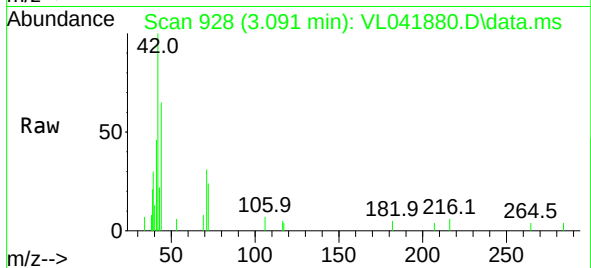
Ion	Ratio	Lower	Upper
88	100		
58	0.0	52.2	78.4#
43	18.9	0.0	0.0#
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.142 ppbv m
RT: 3.091 min Scan# 91
Delta R.T. 0.016 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

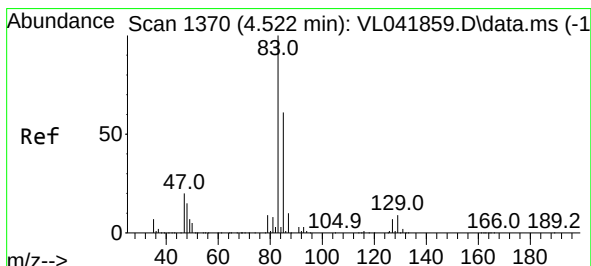
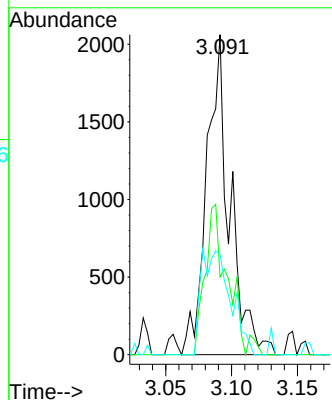
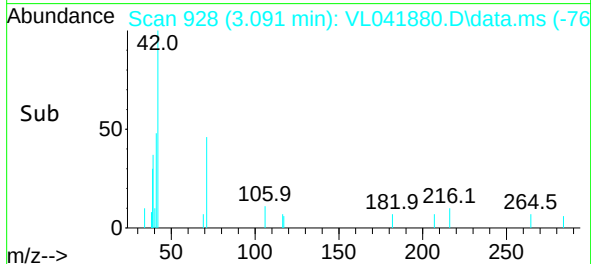
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 42 Resp: 2509
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 42.9 30.1 45.1

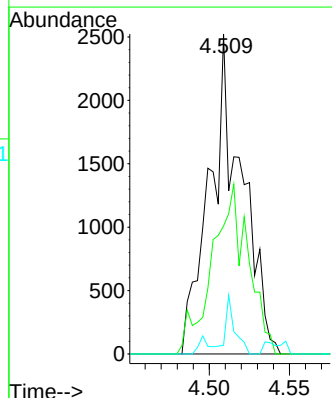
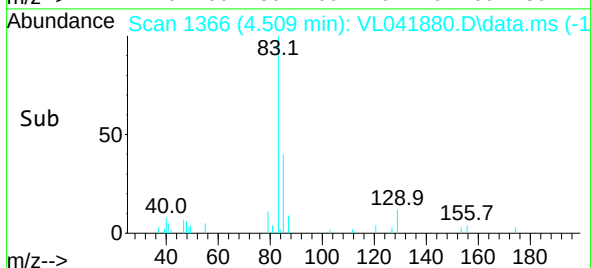
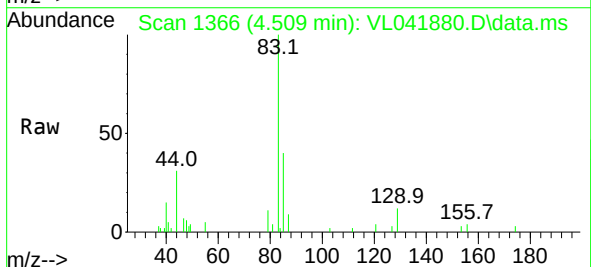
Manual Integrations
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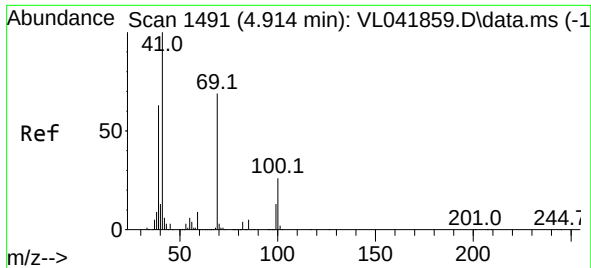
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#42
Bromodichloromethane
Concen: 0.117 ppbv m
RT: 4.509 min Scan# 1366
Delta R.T. -0.013 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

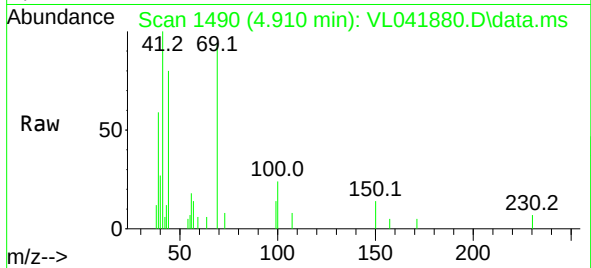
Tgt Ion: 83 Resp: 3533
Ion Ratio Lower Upper
83 100
85 40.0 48.9 73.3#
127 2.7 5.4 8.2#





#43
Methyl Methacrylate
Concen: 0.097 ppbv m
RT: 4.910 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

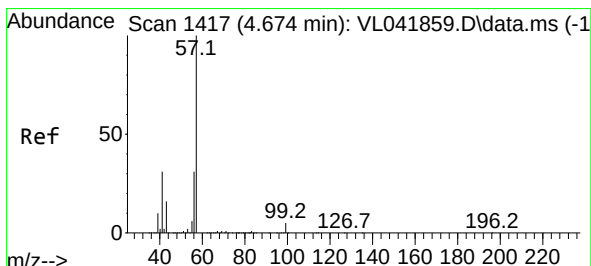
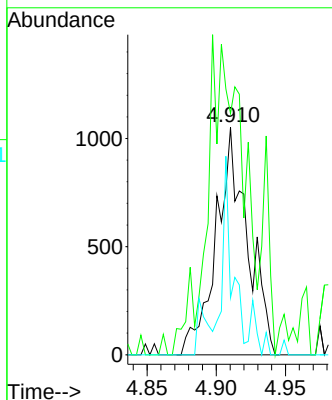
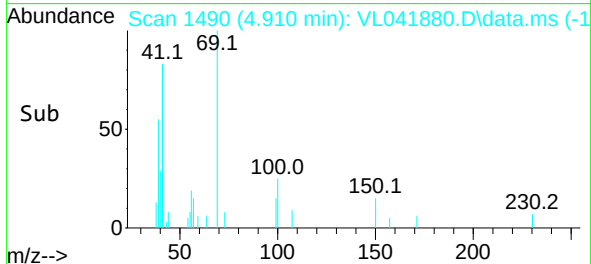
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 69 Resp: 165
Ion Ratio Lower Upper
69 100
41 0.0 116.2 174.4
100 41.5 29.8 44.8

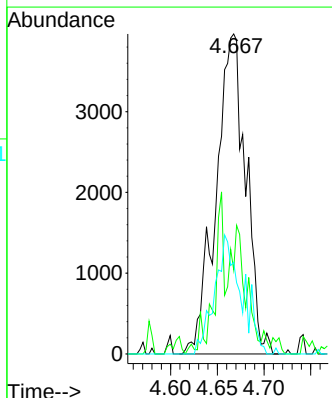
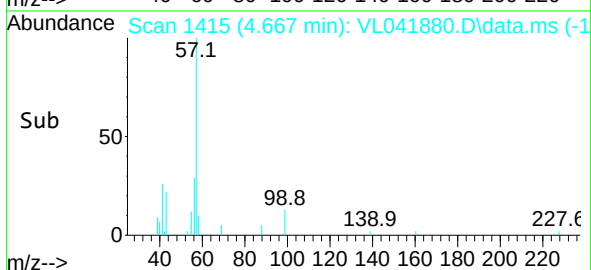
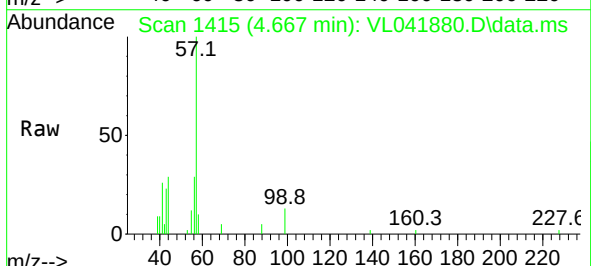
Manual Integrations
APPROVED

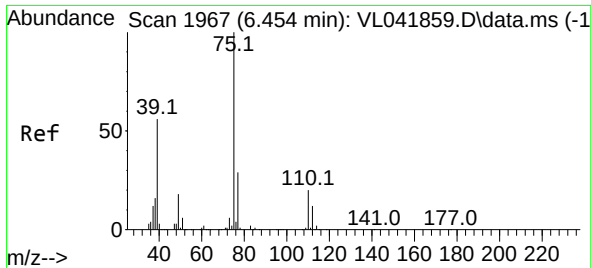
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#44
2,2,4-Trimethylpentane
Concen: 0.124 ppbv m
RT: 4.667 min Scan# 1415
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

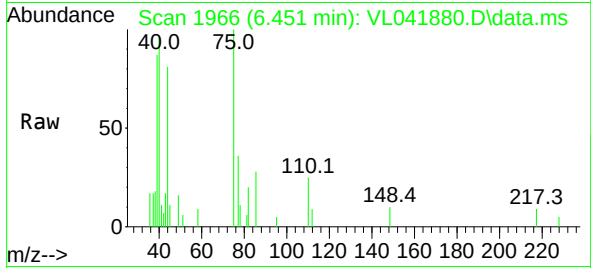
Tgt Ion: 57 Resp: 8802
Ion Ratio Lower Upper
57 100
41 41.6 25.5 38.3
56 33.7 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 0.095 ppbv m
RT: 6.451 min Scan# 1966
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

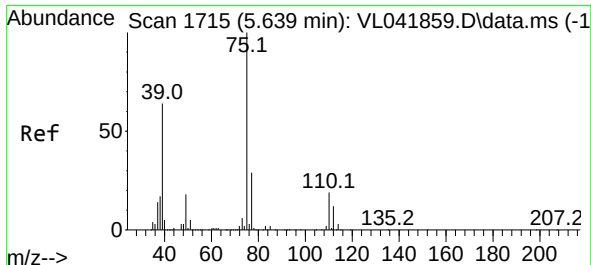
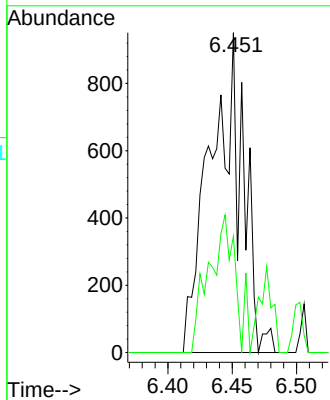
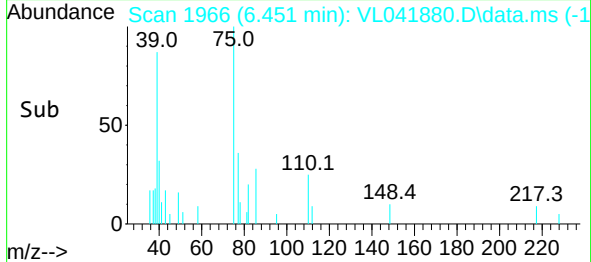
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 75 Resp: 1660
Ion Ratio Lower Upper
75 100
77 36.4 23.4 35.2

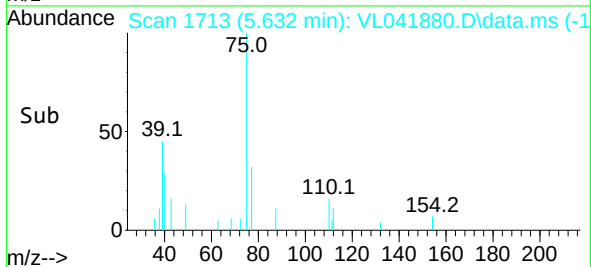
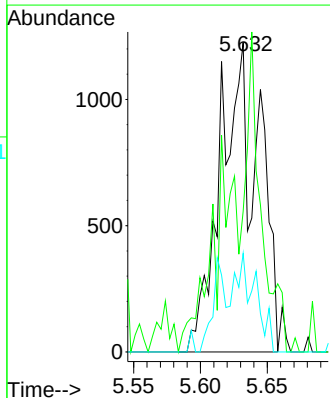
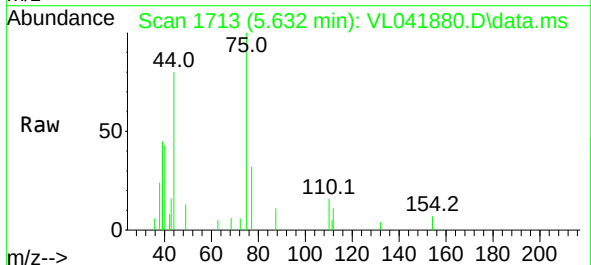
Manual Integrations
APPROVED

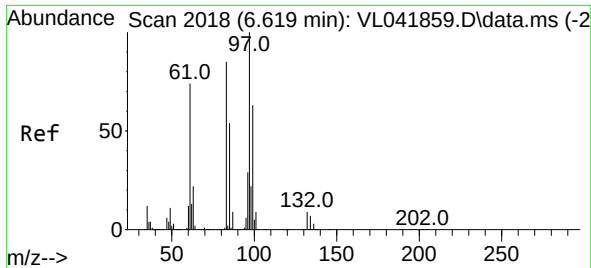
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#46
cis-1,3-Dichloropropene
Concen: 0.108 ppbv m
RT: 5.632 min Scan# 1713
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

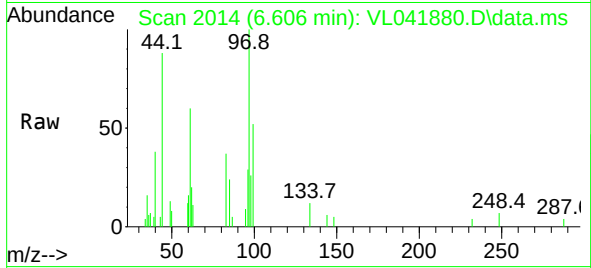
Tgt Ion: 75 Resp: 2437
Ion Ratio Lower Upper
75 100
39 45.4 51.4 77.2#
77 31.8 23.0 34.4





#47
1,1,2-Trichloroethane
Concen: 0.120 ppbv m
RT: 6.606 min Scan# 2018
Delta R.T. -0.013 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

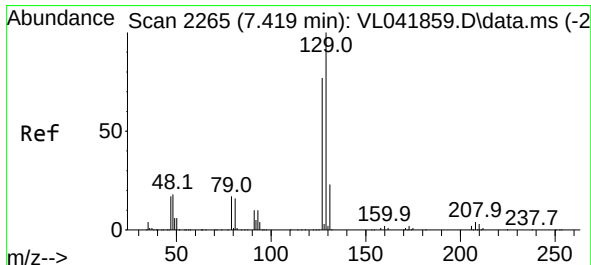
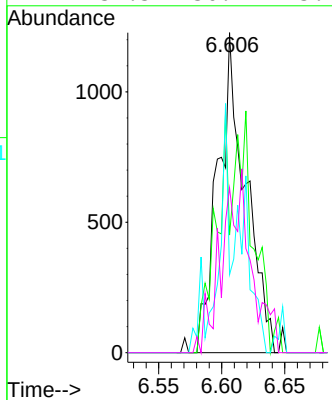
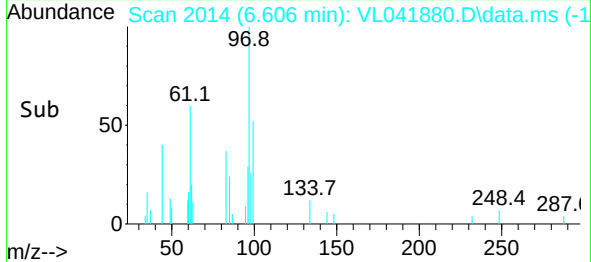
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 97 Resp: 187
Ion Ratio Lower Upper
97 100
83 36.8 68.1 102.1
85 24.4 43.4 65.2
99 51.5 50.1 75.1

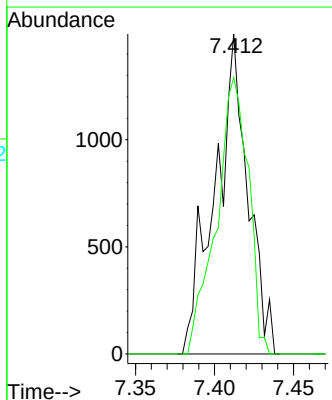
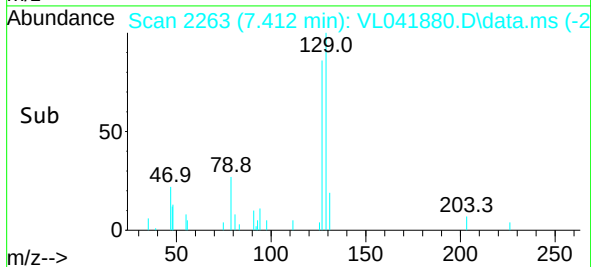
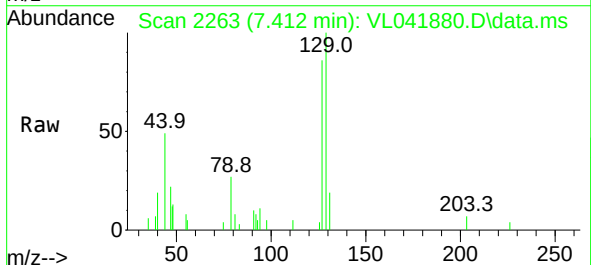
Manual Integrations
APPROVED

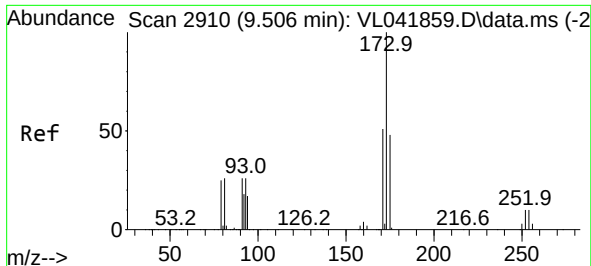
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#48
Dibromochloromethane
Concen: 0.091 ppbv m
RT: 7.412 min Scan# 2263
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

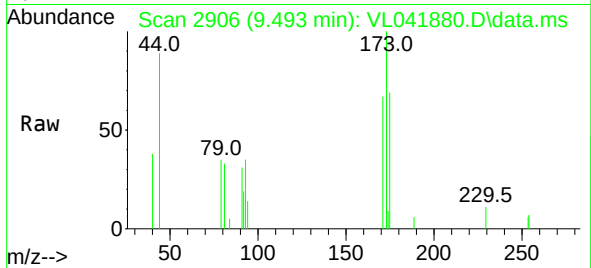
Tgt Ion:129 Resp: 2175
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.1#





#49
Bromoform
Concen: 0.084 ppbv m
RT: 9.493 min Scan# 2910
Delta R.T. -0.013 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

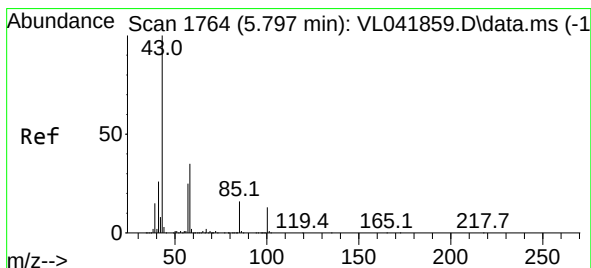
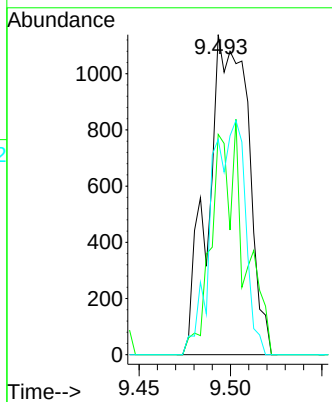
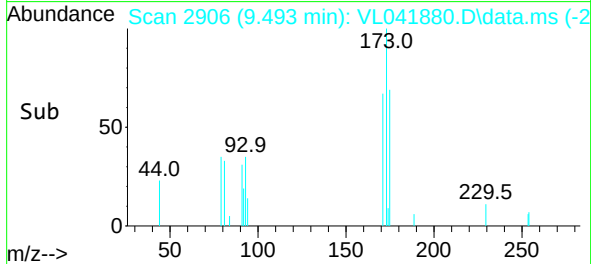
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



Tgt Ion: 173 Resp: 1740
Ion Ratio Lower Upper
173 100
175 0.0 38.2 57.2
171 0.0 41.3 61.9

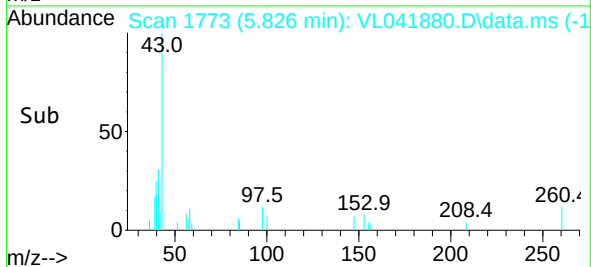
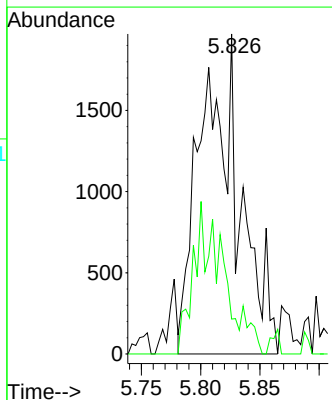
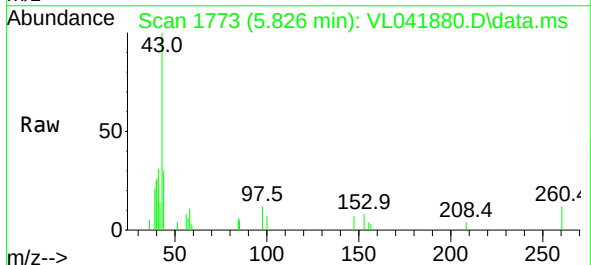
Manual Integrations
APPROVED

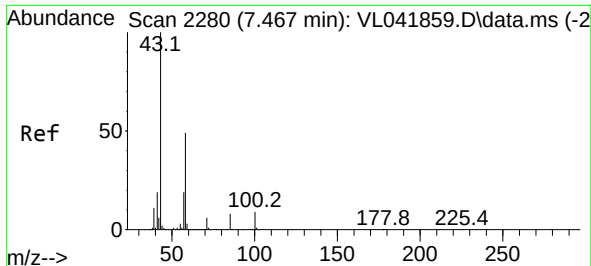
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#50
4-Methyl-2-Pentanone
Concen: 0.105 ppbv m
RT: 5.826 min Scan# 1773
Delta R.T. 0.029 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

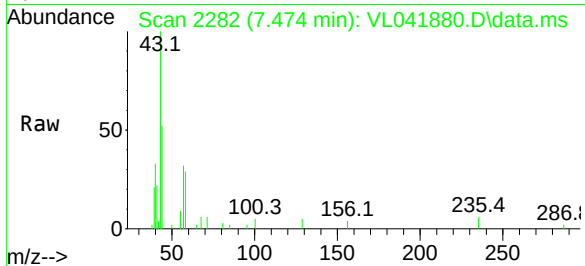
Tgt Ion: 43 Resp: 4517
Ion Ratio Lower Upper
43 100
58 37.7 29.4 44.2





#51
2-Hexanone
Concen: 0.116 ppbv m
RT: 7.474 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

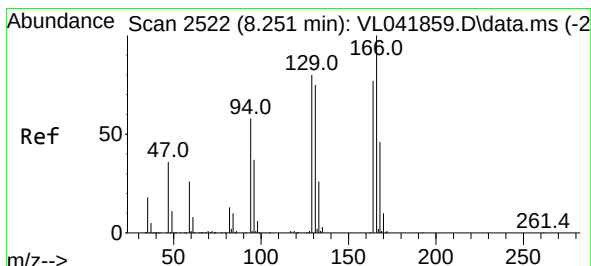
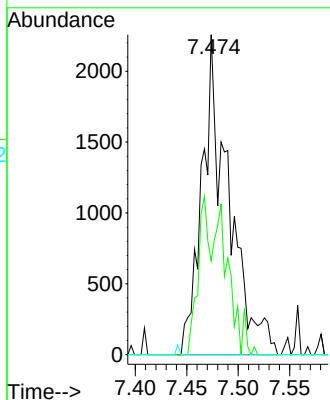
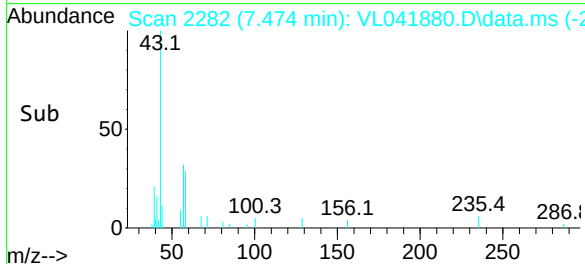
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 43 Resp: 4072
Ion Ratio Lower Upper
43 100
58 48.5 40.0 60.0
98 0.3 0.1 0.1

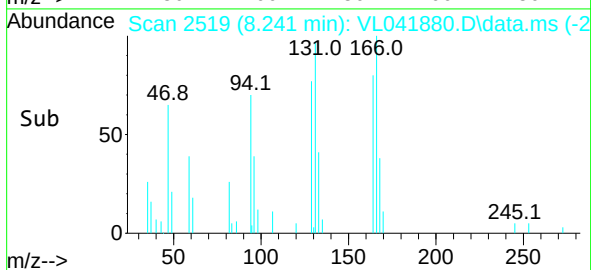
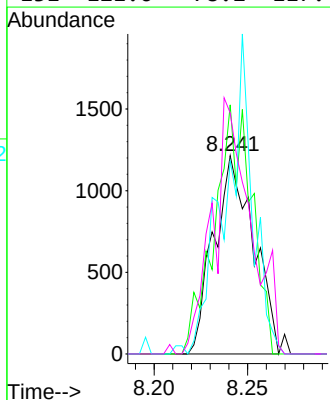
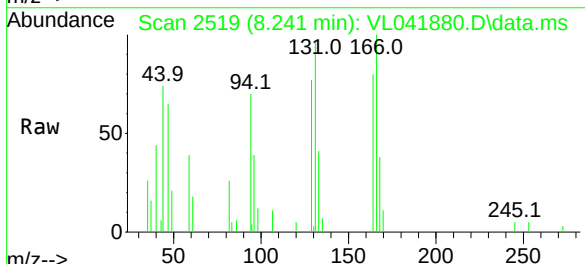
Manual Integrations
APPROVED

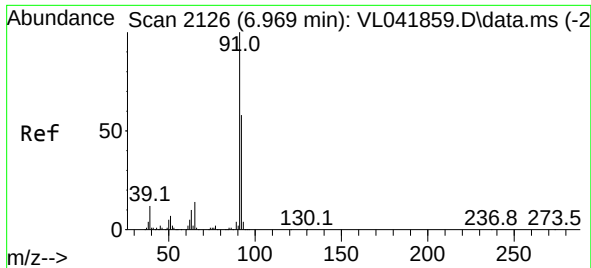
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#52
Tetrachloroethene
Concen: 0.111 ppbv m
RT: 8.241 min Scan# 2519
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion:164 Resp: 1787
Ion Ratio Lower Upper
164 100
166 125.7 103.6 155.4
129 97.4 82.6 123.8
131 121.6 78.2 117.4#





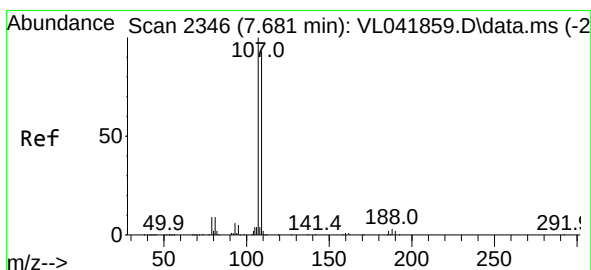
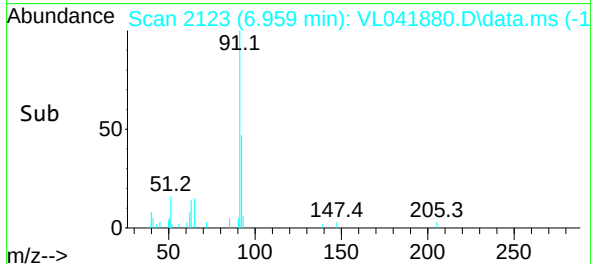
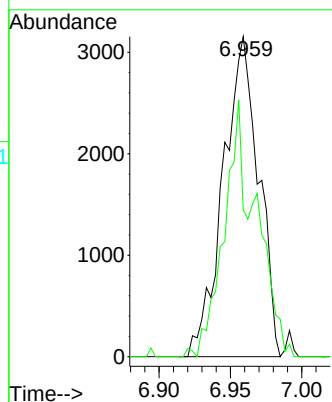
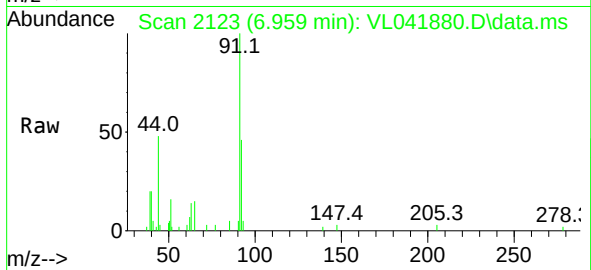
#53
Toluene
Concen: 0.109 ppbv m
RT: 6.959 min Scan# 2123
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Instrument : MSVOA_L
ClientSampleId : MDL 0.1

Tgt Ion: 91 Resp: 545
Ion Ratio Lower Upper
91 100
92 72.2 47.2 70.8

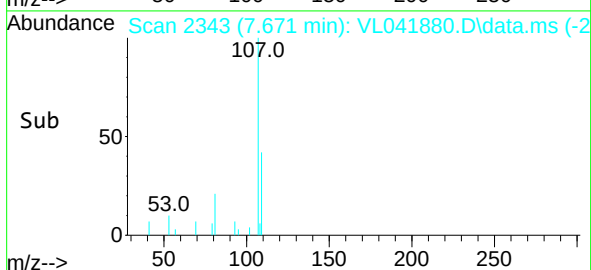
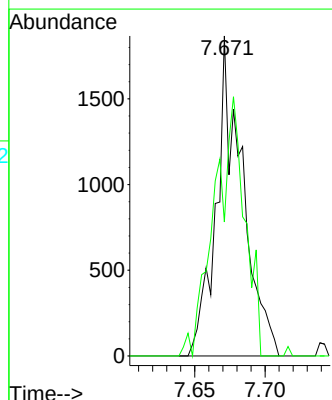
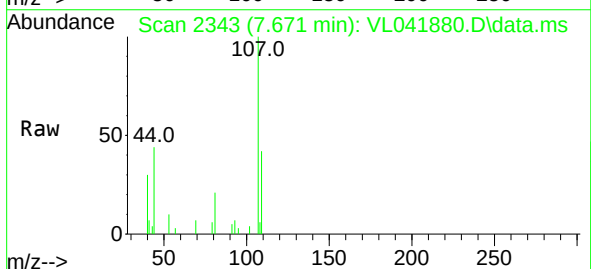
Manual Integrations
APPROVED

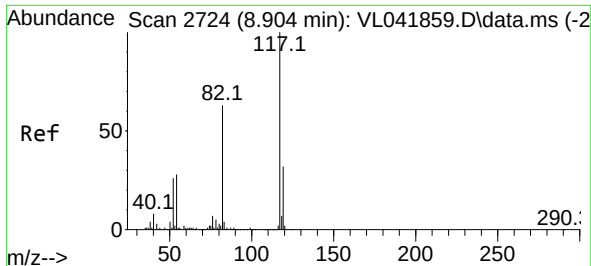
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#54
1,2-Dibromoethane
Concen: 0.113 ppbv m
RT: 7.671 min Scan# 2343
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion:107 Resp: 2413
Ion Ratio Lower Upper
107 100
109 41.8 74.6 112.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion:117 Resp: 319960

Ion Ratio Lower Upper

117 100

82 64.4 54.5 81.7

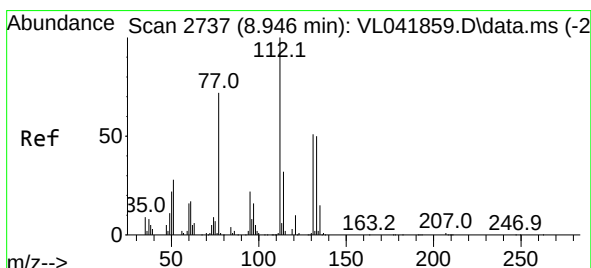
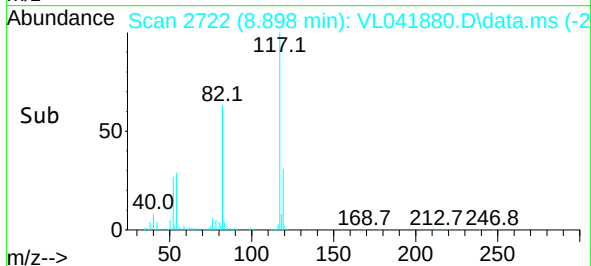
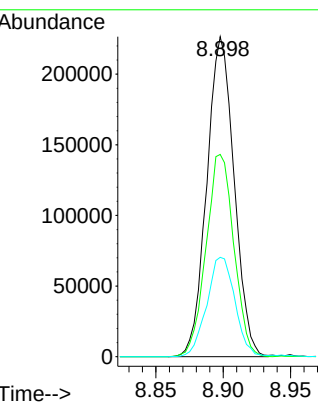
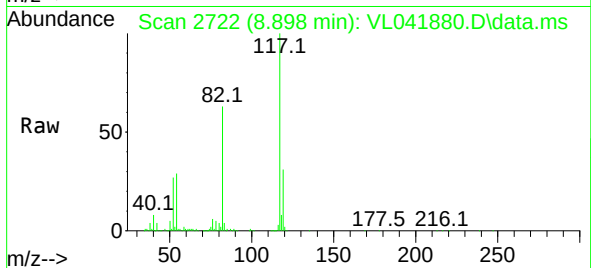
119 32.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 0.117 ppbv m

RT: 8.946 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

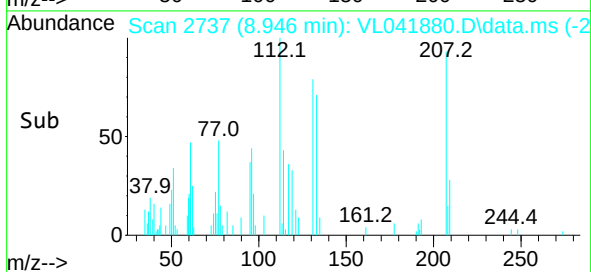
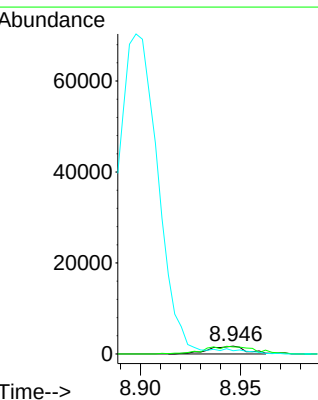
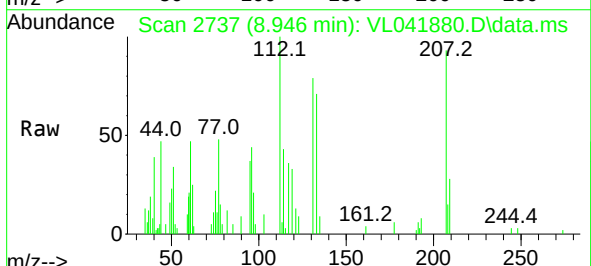
Tgt Ion:131 Resp: 2224

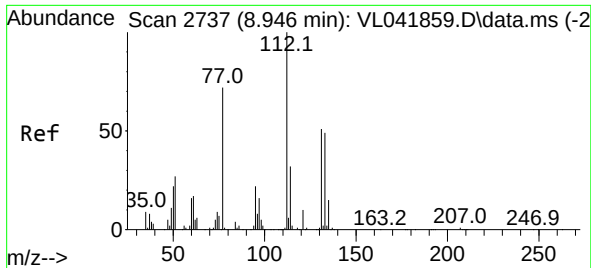
Ion Ratio Lower Upper

131 100

133 134.1 77.4 116.2#

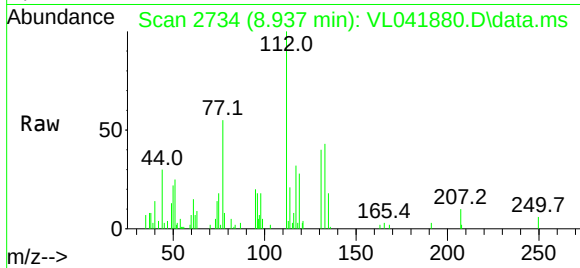
119 0.0 49.4 74.0#





#57
Chlorobenzene
Concen: 0.129 ppbv m
RT: 8.937 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

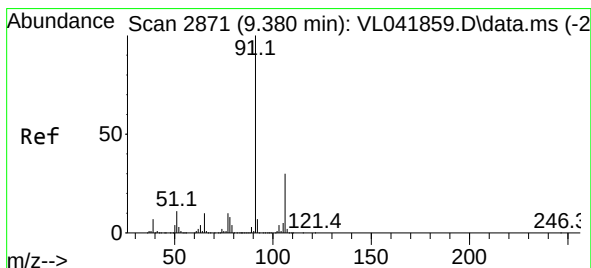
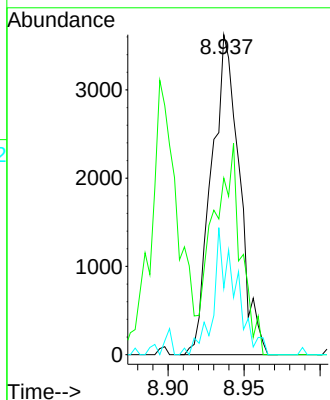
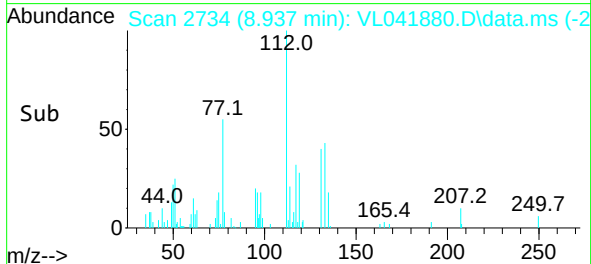
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 112 Resp: 461
Ion Ratio Lower Upper
112 100
77 55.2 58.3 87.5
114 20.8 28.9 35.3

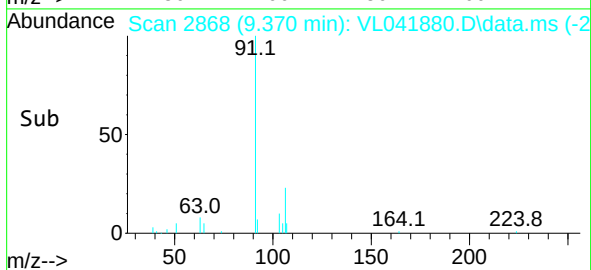
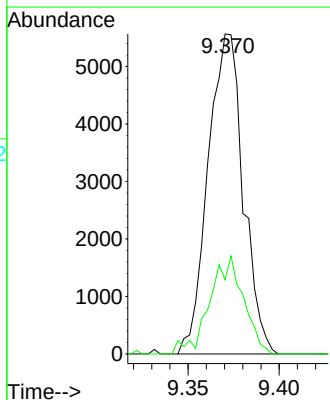
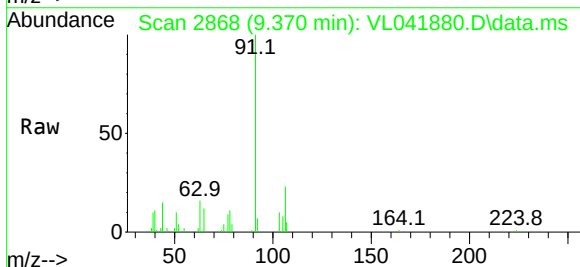
Manual Integrations
APPROVED

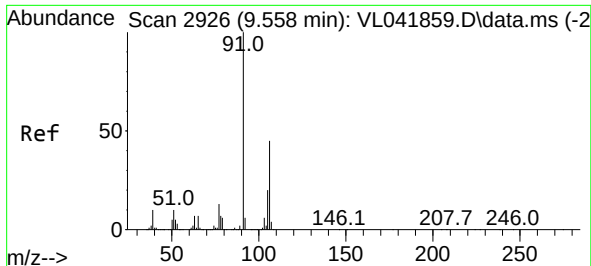
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#58
Ethyl Benzene
Concen: 0.114 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 91 Resp: 7478
Ion Ratio Lower Upper
91 100
106 23.2 24.2 36.2





#59

m/p-Xylene

Concen: 0.211 ppbv m

RT: 9.545 min Scan# 2926

Delta R.T. -0.013 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

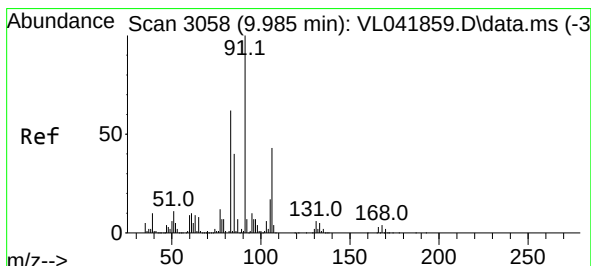
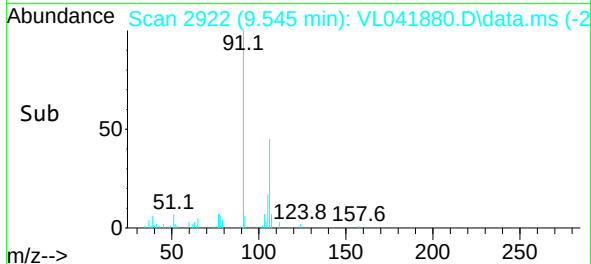
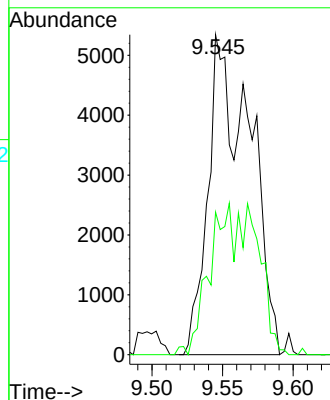
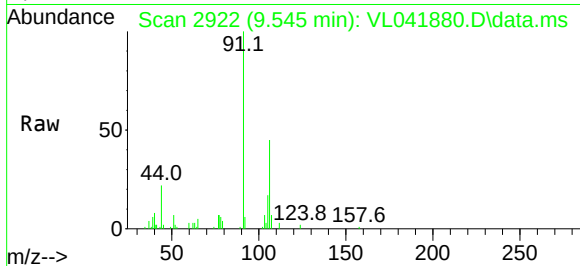
MDL 0.1

Tgt Ion: 91 Resp: 10964
 Ion Ratio Lower Upper
 91 100
 106 53.6 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#60

o-Xylene

Concen: 0.109 ppbv

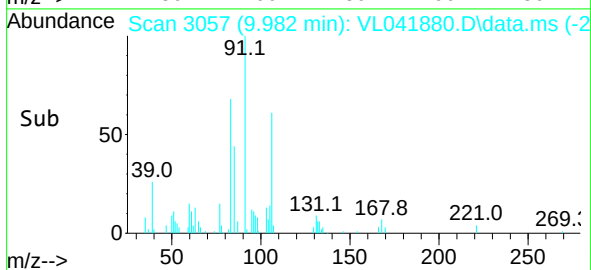
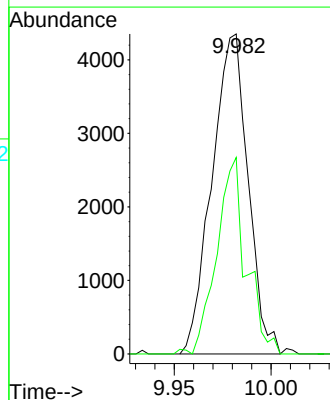
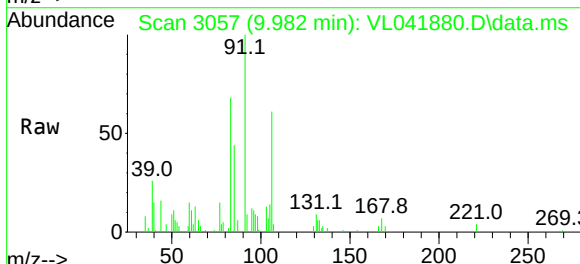
RT: 9.982 min Scan# 3057

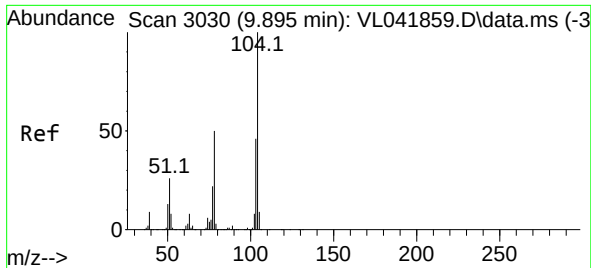
Delta R.T. -0.003 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Tgt Ion: 91 Resp: 5641
 Ion Ratio Lower Upper
 91 100
 106 50.1 21.4 64.3





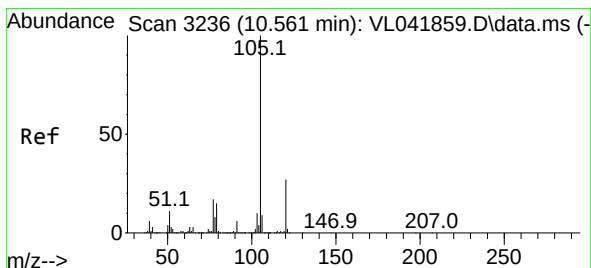
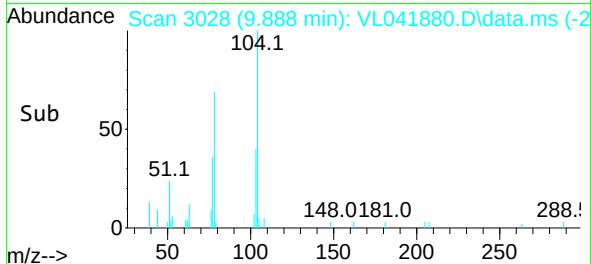
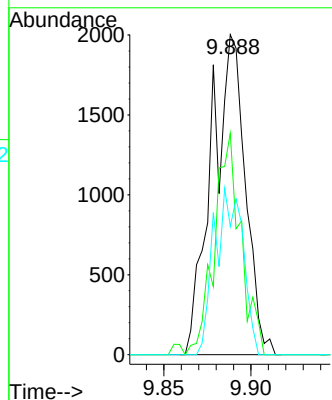
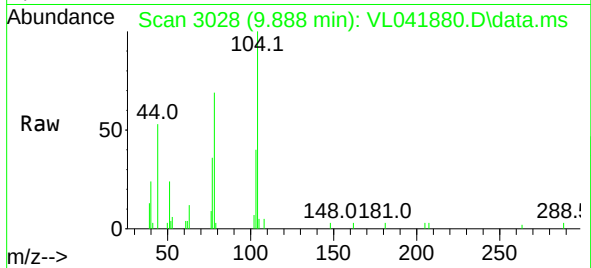
#61
Styrene
Concen: 0.104 ppbv m
RT: 9.888 min Scan# 3030
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Instrument : MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion:104 Resp: 2692
Ion Ratio Lower Upper
104 100
78 54.7 40.7 61.1
103 43.8 37.0 55.6

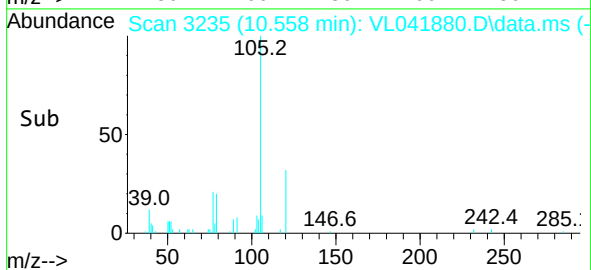
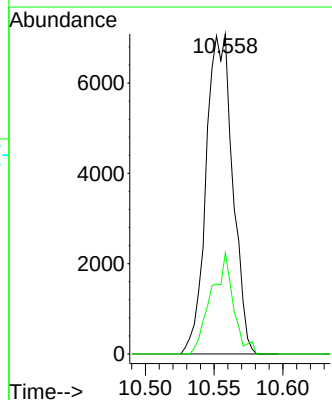
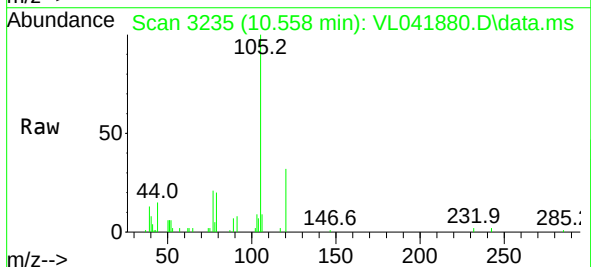
Manual Integrations
APPROVED

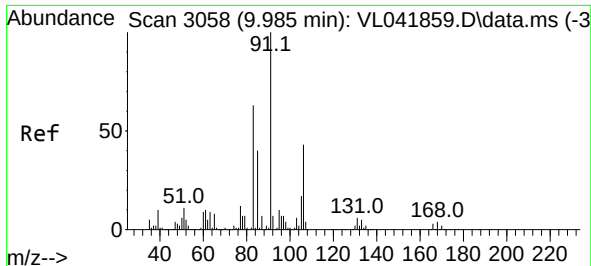
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#62
Isopropylbenzene
Concen: 0.122 ppbv m
RT: 10.558 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

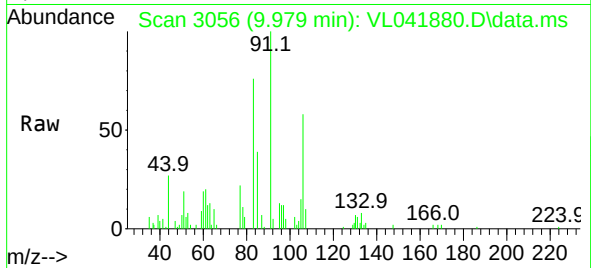
Tgt Ion:105 Resp: 9517
Ion Ratio Lower Upper
105 100
120 0.0 20.3 30.5#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.111 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

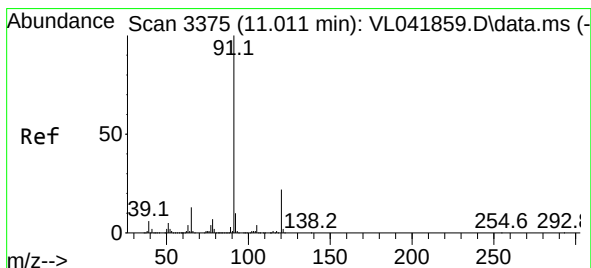
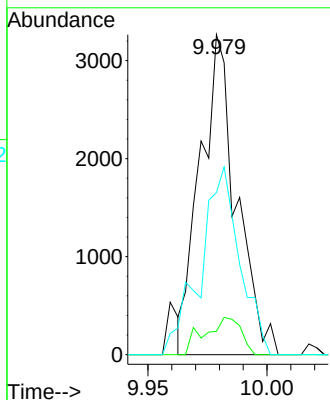
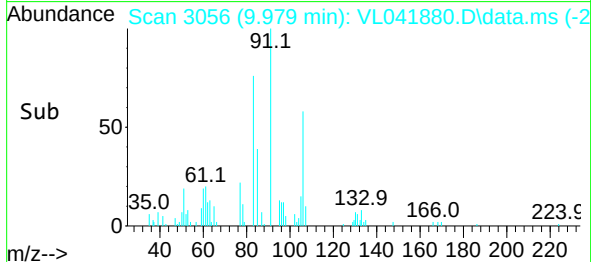
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



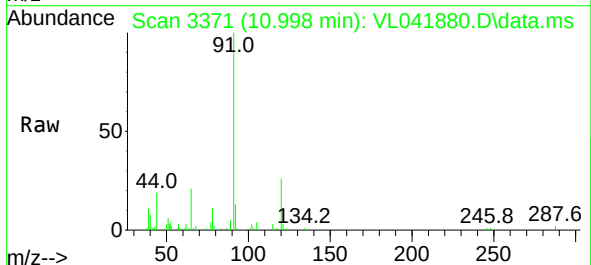
Tgt Ion: 83 Resp: 345
Ion Ratio Lower Upper
83 100
131 11.6 4.8 14.3
85 63.6 32.1 96.3

Manual Integrations
APPROVED

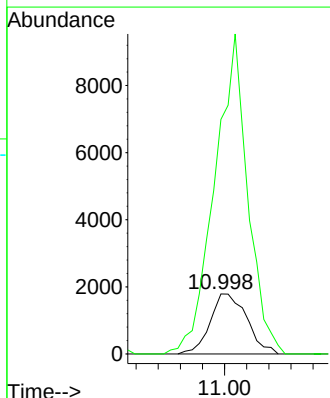
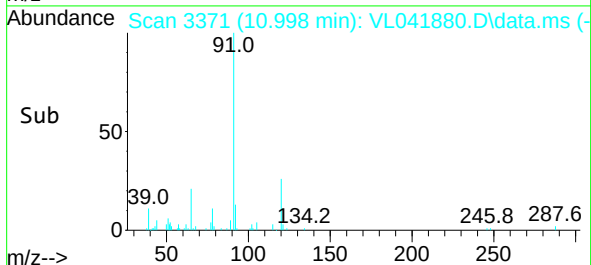
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

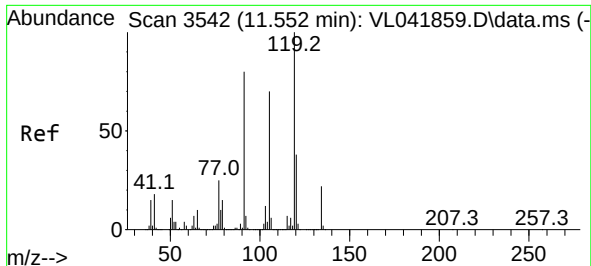


#64
n-propylbenzene
Concen: 0.101 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.013 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



Tgt Ion:120 Resp: 2060
Ion Ratio Lower Upper
120 100
91 480.0 376.9 565.3





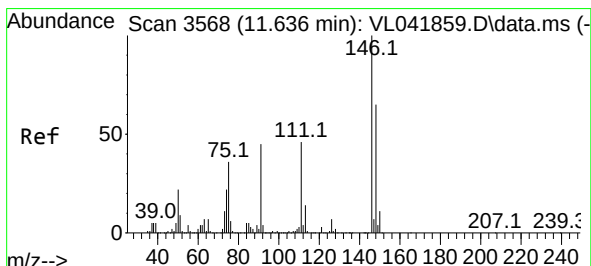
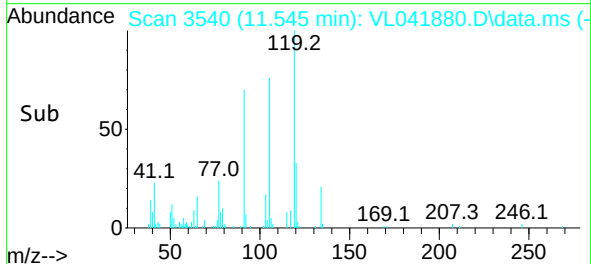
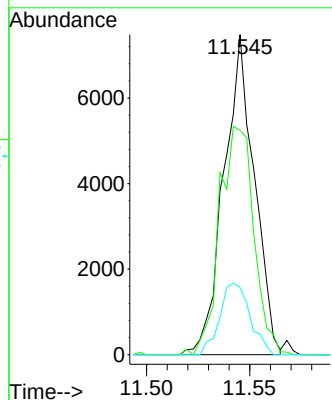
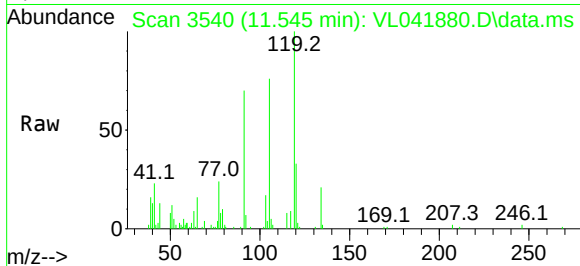
#65
tert-Butylbenzene
Concen: 0.109 ppbv
RT: 11.545 min Scan# 3542
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Instrument : MSVOA_L
ClientSampleId : MDL 0.1

Tgt Ion: 119 Resp: 7674
Ion Ratio Lower Upper
119 100
91 80.4 64.6 97.0
134 22.3 16.9 25.3

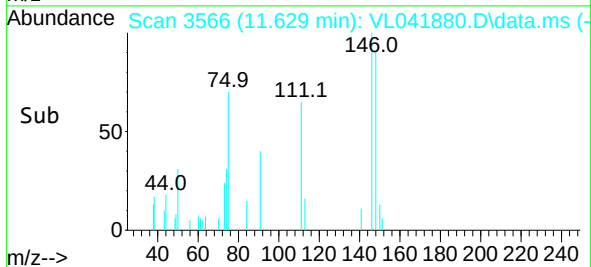
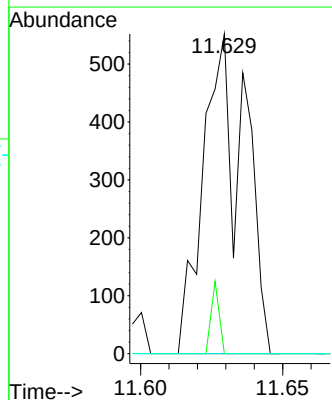
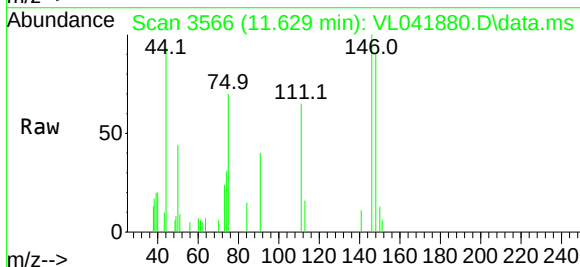
Manual Integrations
APPROVED

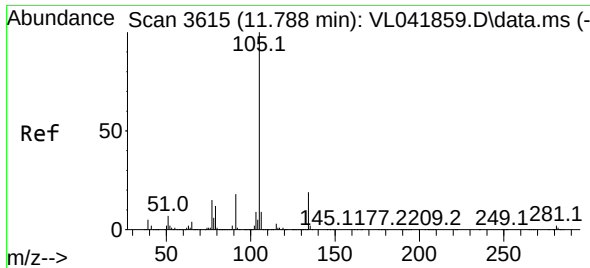
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#66
Benzyl Chloride
Concen: 0.076 ppbv m
RT: 11.629 min Scan# 3566
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

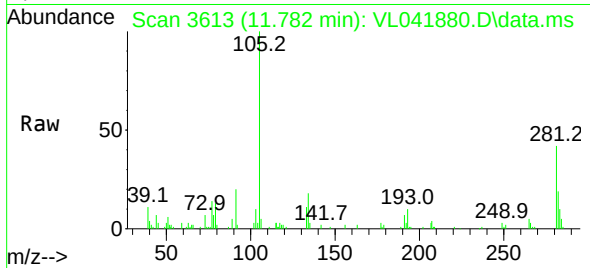
Tgt Ion: 91 Resp: 558
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#





#67
 sec-Butylbenzene
 Concen: 0.106 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. -0.007 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

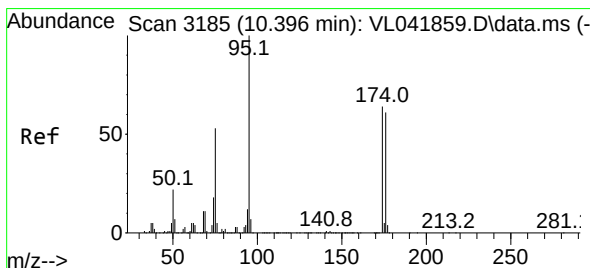
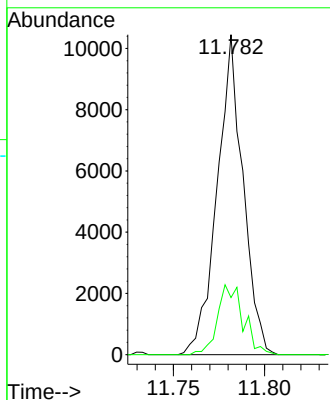
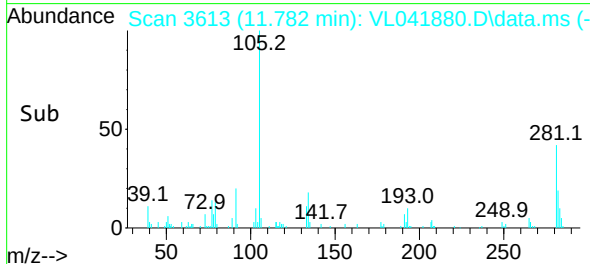
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



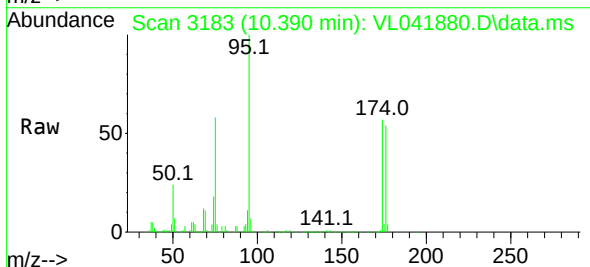
Tgt Ion: 105 Resp: 10310
 Ion Ratio Lower Upper
 105 100
 134 21.7 15.4 23.2

Manual Integrations
 APPROVED

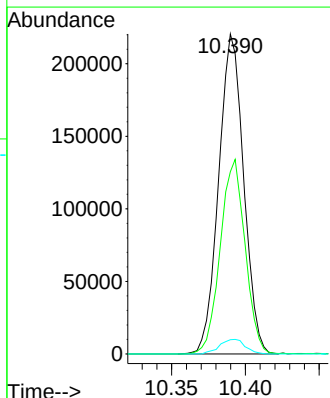
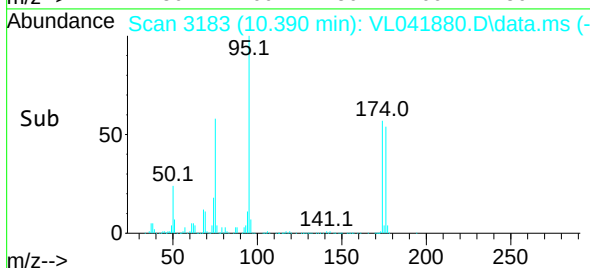
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

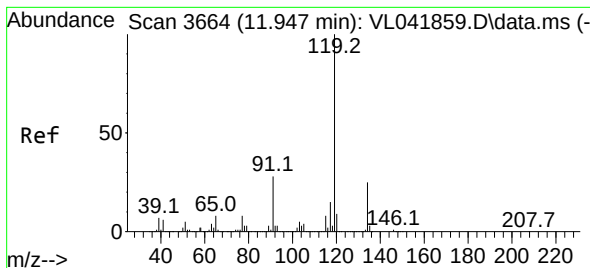


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.127 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.007 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47



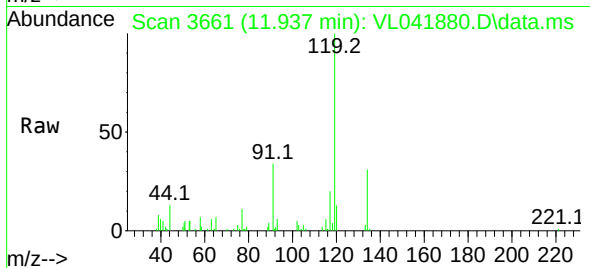
Tgt Ion: 95 Resp: 259818
 Ion Ratio Lower Upper
 95 100
 174 60.8 51.1 76.7
 175 4.7 3.8 5.8





#69
p-Isopropyltoluene
Concen: 0.096 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

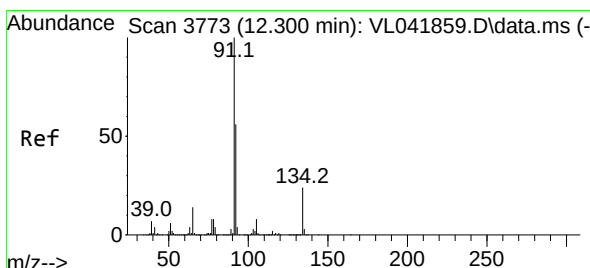
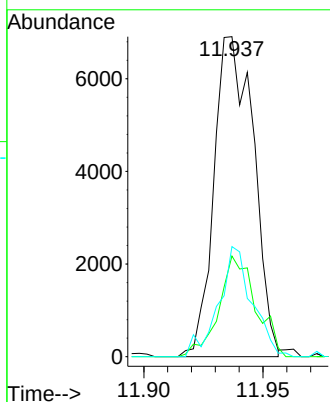
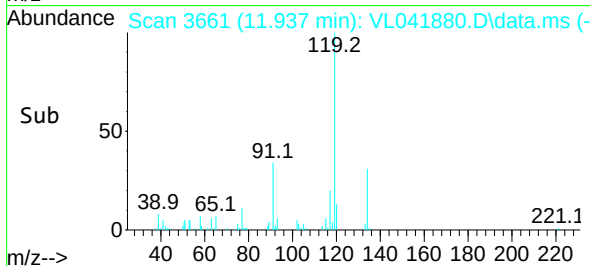
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



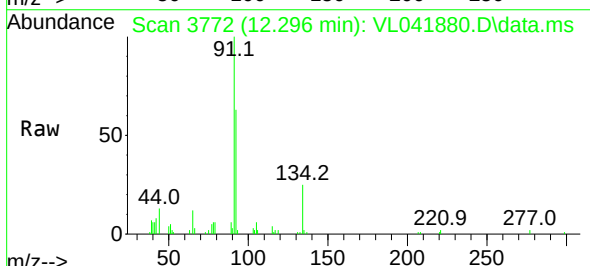
Tgt Ion: 119 Resp: 795
Ion Ratio Lower Upper
119 100
134 29.5 20.3 30.5
91 29.4 22.6 34.0

Manual Integrations
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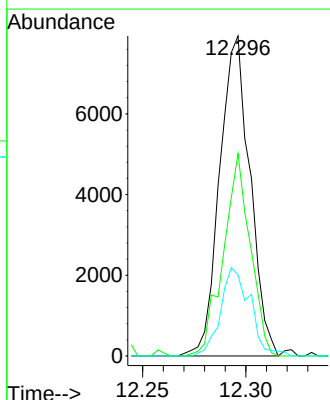
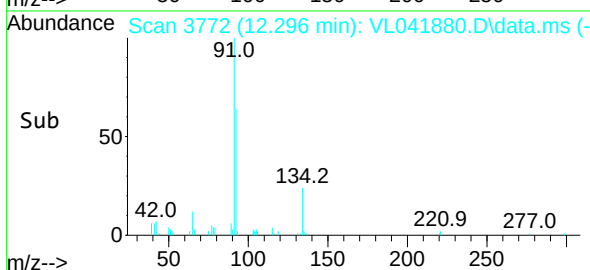
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

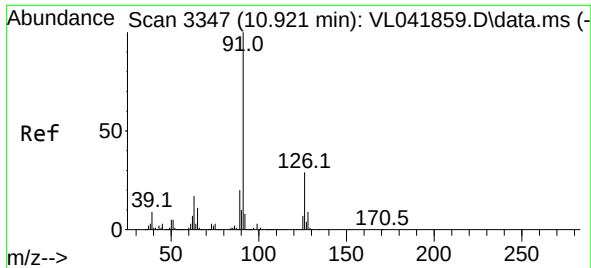


#70
n-Butylbenzene
Concen: 0.097 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



Tgt Ion: 91 Resp: 8093
Ion Ratio Lower Upper
91 100
92 57.4 43.8 65.8
134 26.9 19.3 28.9





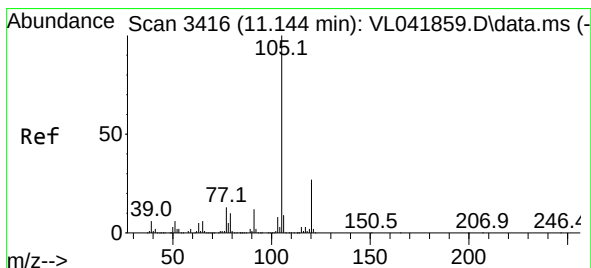
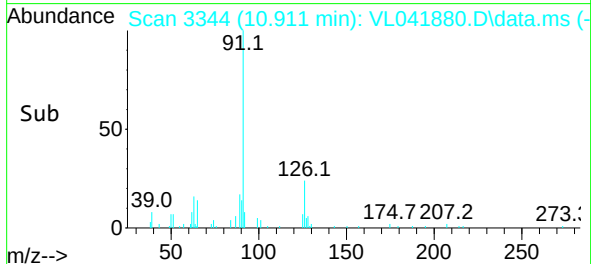
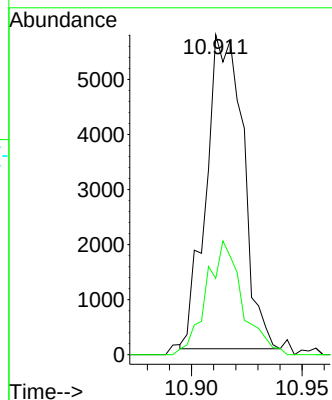
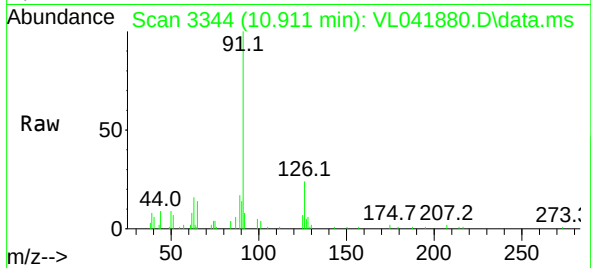
#71
2-Chlorotoluene
Concen: 0.110 ppbv
RT: 10.911 min Scan# 3347
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 91 Resp: 6648
Ion Ratio Lower Upper
91 100
126 35.0 11.6 46.6

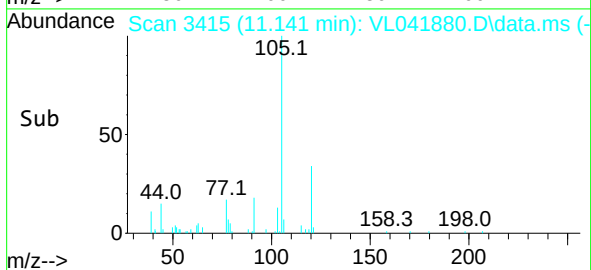
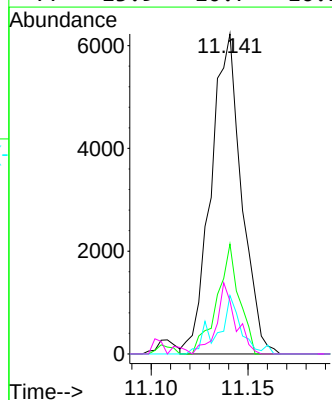
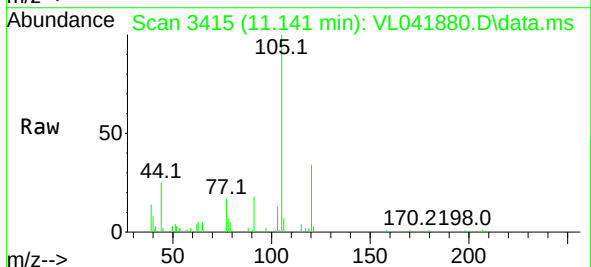
Manual Integrations
APPROVED

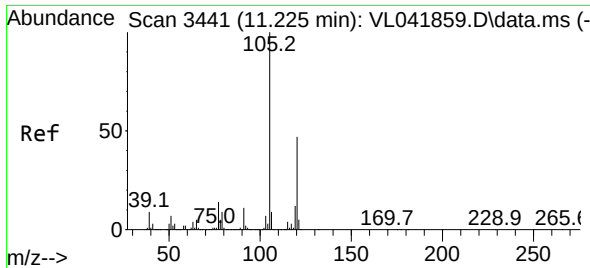
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#72
4-Ethyltoluene
Concen: 0.108 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

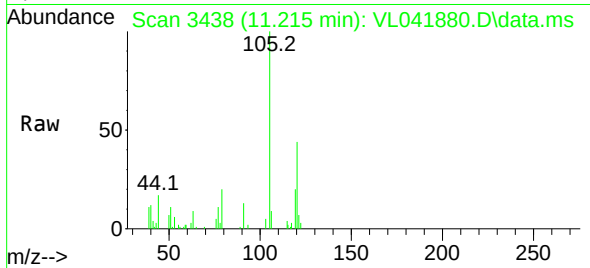
Tgt Ion:105 Resp: 6838
Ion Ratio Lower Upper
105 100
120 26.7 23.5 35.3
91 13.7 9.8 14.8
77 13.9 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 0.109 ppbv
RT: 11.215 min Scan# 3441
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

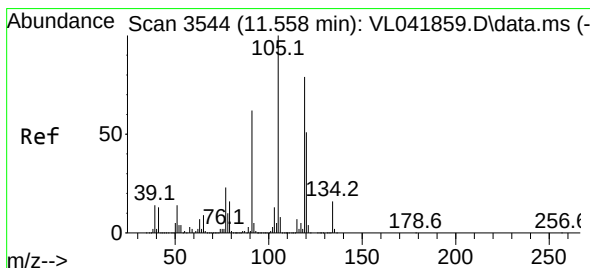
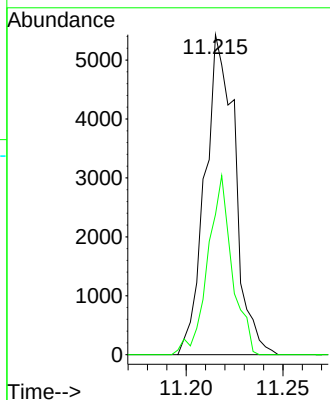
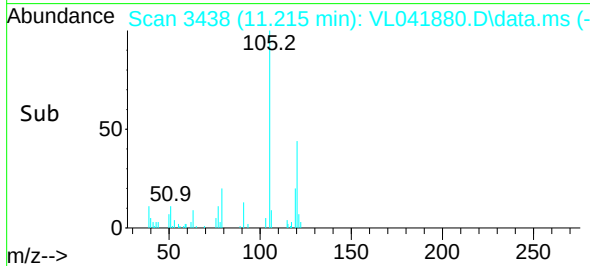
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



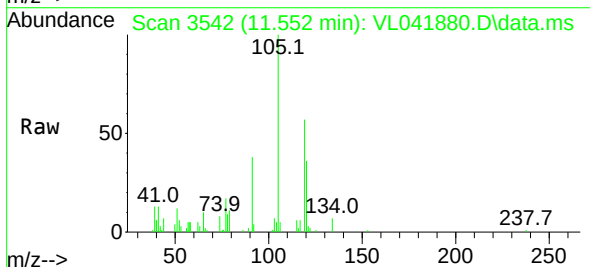
Tgt Ion:105 Resp: 5879
Ion Ratio Lower Upper
105 100
120 43.8 37.2 55.8

Manual Integrations
APPROVED

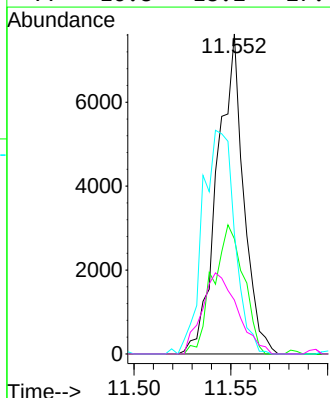
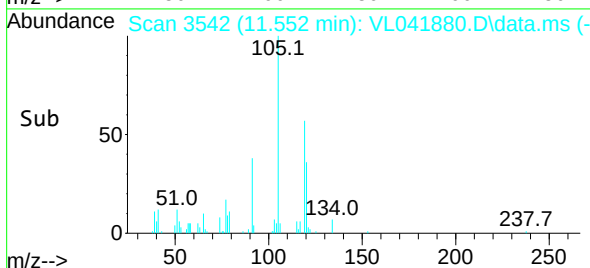
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

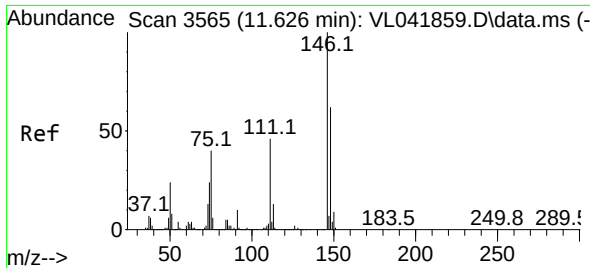


#74
1,2,4-Trimethylbenzene
Concen: 0.123 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



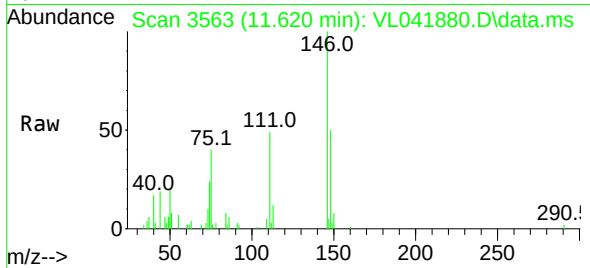
Tgt Ion:105 Resp: 7191
Ion Ratio Lower Upper
105 100
120 36.0 41.1 61.7#
91 37.7 50.0 75.0#
77 16.8 18.2 27.4#





#75
1,3-Dichlorobenzene
Concen: 0.126 ppbv
RT: 11.620 min Scan# 3565
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

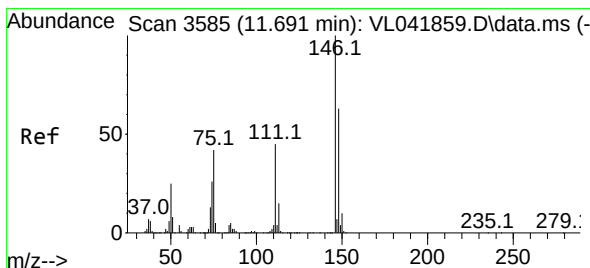
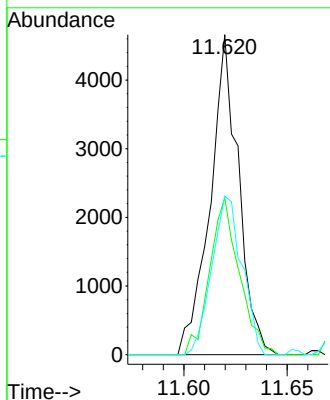
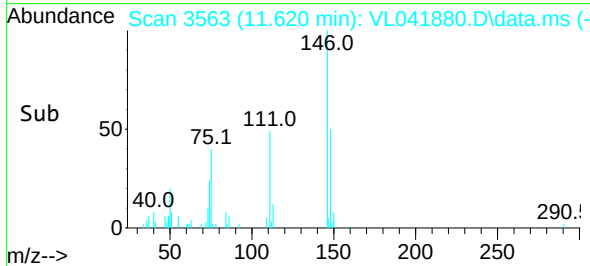
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



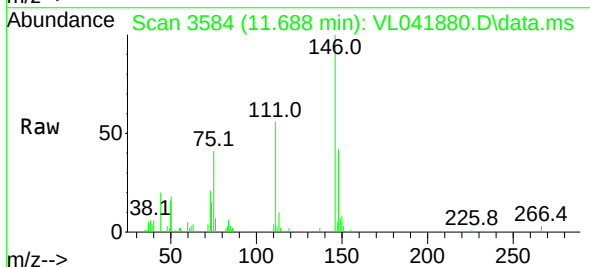
Tgt Ion:146 Resp: 4440
Ion Ratio Lower Upper
146 100
111 51.2 23.2 69.5
148 53.5 31.6 94.7

Manual Integrations
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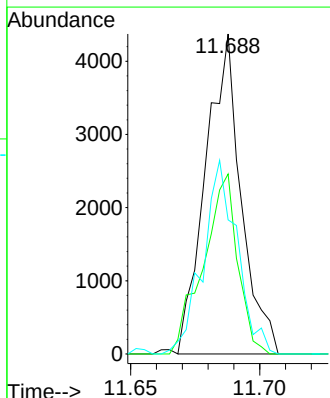
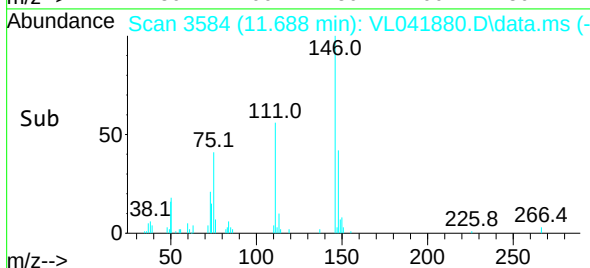
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

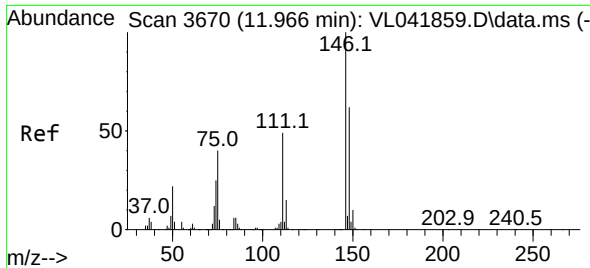


#76
1,4-Dichlorobenzene
Concen: 0.120 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



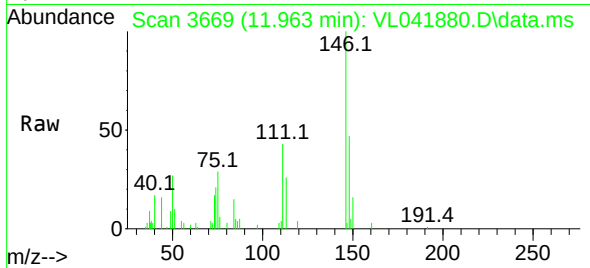
Tgt Ion:146 Resp: 4182
Ion Ratio Lower Upper
146 100
111 54.2 22.1 66.1
148 58.0 31.2 93.6





#77
1,2-Dichlorobenzene
Concen: 0.126 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

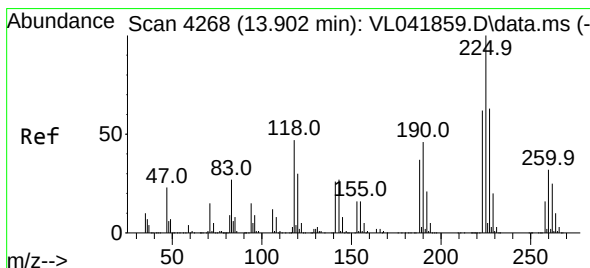
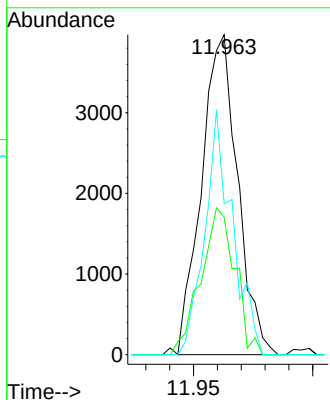
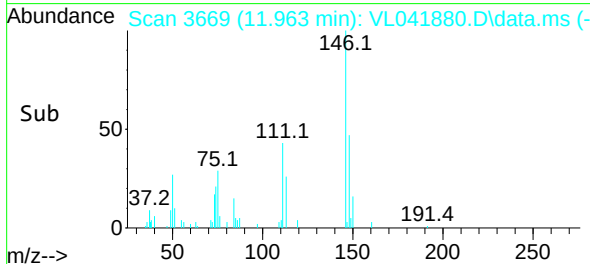
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



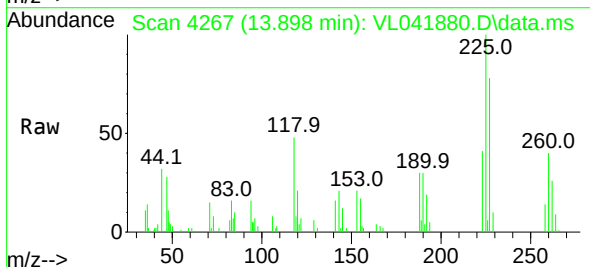
Tgt Ion:146 Resp: 419
Ion Ratio Lower Upper
146 100
111 43.6 24.1 72.3
148 58.4 31.5 94.5

Manual Integrations
APPROVED

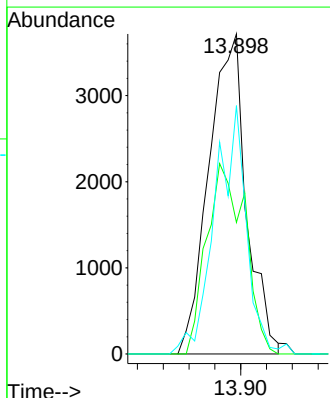
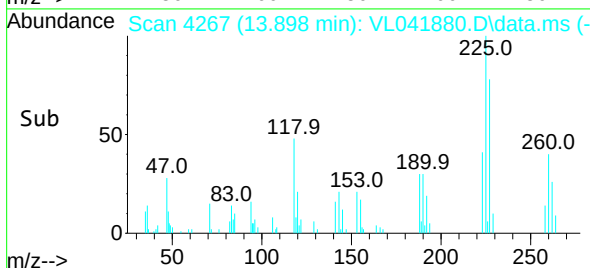
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

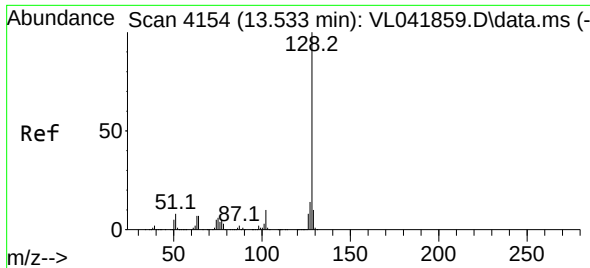


#78
Hexachloro-1,3-Butadiene
Concen: 0.131 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



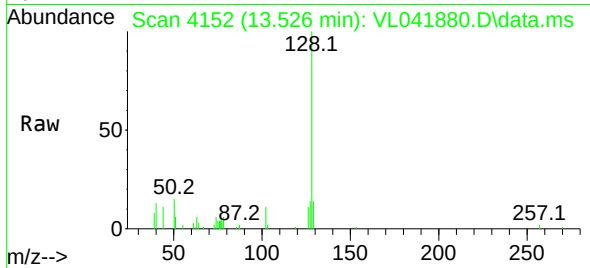
Tgt Ion:225 Resp: 3752
Ion Ratio Lower Upper
225 100
223 61.0 50.6 75.8
227 65.3 50.9 76.3





#79
Naphthalene
Concen: 0.095 ppbv
RT: 13.526 min Scan# 4154
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

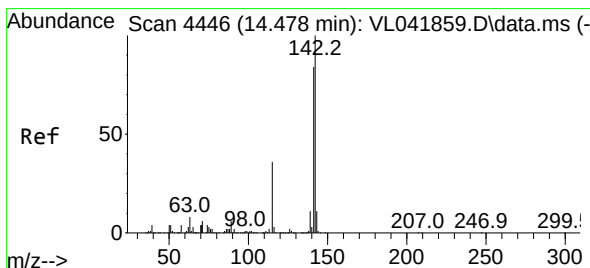
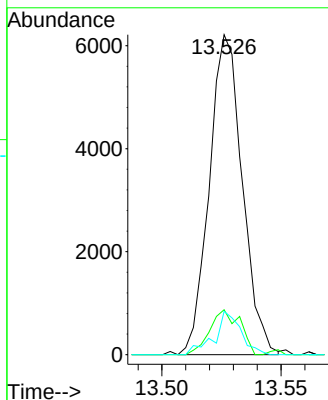
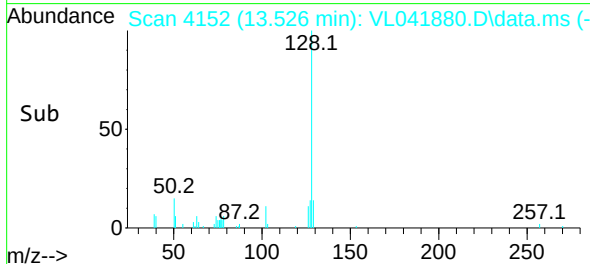
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



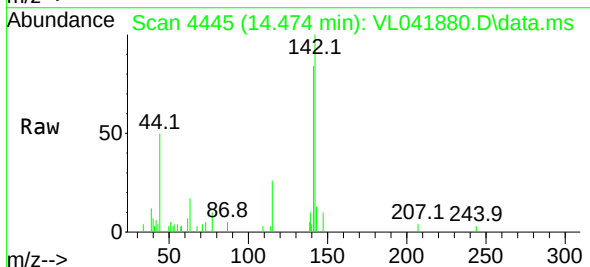
Tgt Ion:128 Resp: 5990
Ion Ratio Lower Upper
128 100
127 14.0 10.8 16.2
129 13.6 8.2 12.4

Manual Integrations
APPROVED

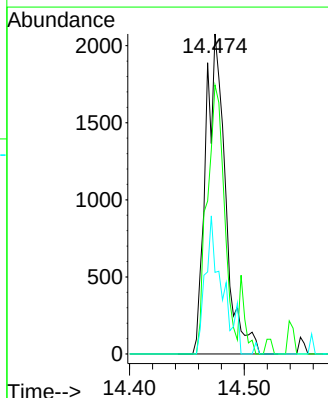
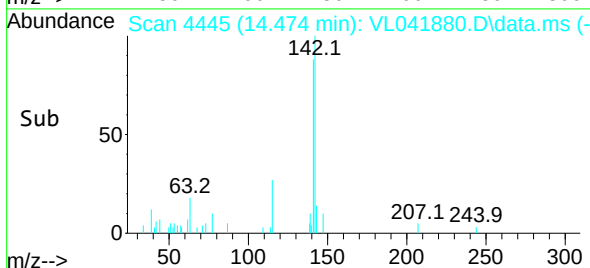
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

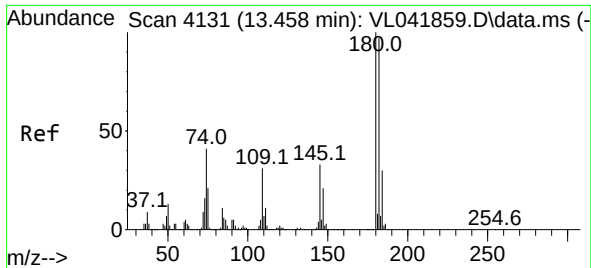


#80
Naphthalene,2-methyl-
Concen: 0.073 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47



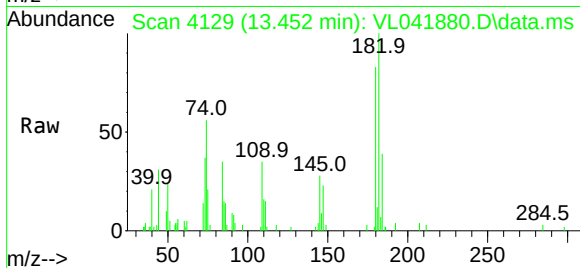
Tgt Ion:142 Resp: 2481
Ion Ratio Lower Upper
142 100
141 81.7 68.2 102.4
115 36.9 29.4 44.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.097 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



Tgt Ion:180 Resp: 2919
 Ion Ratio Lower Upper
 180 100
 182 113.8 75.8 113.8
 184 42.7 24.1 36.1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

