

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022426.D
 Acq On : 27 May 2025 10:44
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 05/28/2025
 Supervised By :Mahesh Dadoda 05/28/2025

Quant Time: May 28 10:05:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 09:30:53 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	261566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	431909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	376608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	182671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	422539	153.366	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 306.740%#			
35) Dibromofluoromethane	7.640	113	398438	157.523	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 315.040%#			
50) Toluene-d8	10.109	98	1621564	157.262	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 314.520%#			
62) 4-Bromofluorobenzene	12.408	95	487100	156.173	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 312.340%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	336978	135.034	ug/l	98
3) Chloromethane	2.068	50	715868	116.621	ug/l	97
4) Vinyl Chloride	2.208	62	986607	132.303	ug/l	99
5) Bromomethane	2.586	94	1055313	155.728	ug/l	99
6) Chloroethane	2.732	64	711645	146.039	ug/l	100
7) Trichlorofluoromethane	3.050	101	935844	148.741	ug/l	99
8) Diethyl Ether	3.458	74	220632	152.083	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	401637	145.505	ug/l	99
10) Methyl Iodide	4.007	142	499602	160.432	ug/l	99
11) Tert butyl alcohol	4.878	59	150306	773.955	ug/l	98
12) 1,1-Dichloroethene	3.793	96	404241	147.508	ug/l	98
13) Acrolein	3.653	56	224761	772.427	ug/l	99
14) Allyl chloride	4.385	41	634755	153.977	ug/l	99
15) Acrylonitrile	5.067	53	455189	778.419	ug/l	99
16) Acetone	3.873	43	327320	722.994	ug/l #	85
17) Carbon Disulfide	4.110	76	1295027	148.080	ug/l	100
18) Methyl Acetate	4.385	43	300253	177.047	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	1134189	155.888	ug/l	100
20) Methylene Chloride	4.616	84	426225	133.322	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	456846	152.698	ug/l	99
22) Diisopropyl ether	6.025	45	1404193	154.338	ug/l	96
23) Vinyl Acetate	5.964	43	4042390	773.807	ug/l	100
24) 1,1-Dichloroethane	5.921	63	828730	154.149	ug/l	99
25) 2-Butanone	6.896	43	603839	800.866	ug/l	99
26) 2,2-Dichloropropane	6.890	77	737854	151.572	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	537325	155.137	ug/l	99
28) Bromochloromethane	7.250	49	342656	152.635	ug/l	98
29) Tetrahydrofuran	7.268	42	397295	790.090	ug/l	100
30) Chloroform	7.427	83	814685	153.787	ug/l	98
31) Cyclohexane	7.707	56	730410	137.826	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	737686	153.436	ug/l	100
36) 1,1-Dichloropropene	7.841	75	623501	155.342	ug/l	100
37) Ethyl Acetate	6.988	43	261975	153.581	ug/l	99
38) Carbon Tetrachloride	7.823	117	663867	158.776	ug/l	99
39) Methylcyclohexane	9.109	83	824642	154.561	ug/l	99
40) Benzene	8.085	78	1893003	158.501	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	171379m	76.337	ug/l	
42) 1,2-Dichloroethane	8.158	62	497991	157.877	ug/l	100
43) Isopropyl Acetate	8.201	43	587308	157.564	ug/l	100
44) Trichloroethene	8.866	130	449921	152.390	ug/l	95
45) 1,2-Dichloropropane	9.146	63	438721	156.346	ug/l	99
46) Dibromomethane	9.231	93	249636	159.252	ug/l	99
47) Bromodichloromethane	9.426	83	639597	158.668	ug/l	98
48) Methyl methacrylate	9.225	41	288821	166.922	ug/l	98
49) 1,4-Dioxane	9.231	88	55890	3228.011	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	1565663	851.310	ug/l	100
52) Toluene	10.170	92	1239585	166.170	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	612236	163.055	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	708367	160.557	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	314785	158.829	ug/l	99
56) Ethyl methacrylate	10.438	69	478765	168.334	ug/l	98
57) 1,3-Dichloropropane	10.719	76	549047	157.203	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1202134	848.088	ug/l	100
59) 2-Hexanone	10.762	43	1032146	856.364	ug/l	99
60) Dibromochloromethane	10.914	129	415432	164.093	ug/l	99
61) 1,2-Dibromoethane	11.018	107	292010	161.091	ug/l	98
64) Tetrachloroethene	10.652	164	466490	145.442	ug/l	99
65) Chlorobenzene	11.444	112	1273300	158.560	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	454374	166.998	ug/l	98
67) Ethyl Benzene	11.518	91	2468130	165.526	ug/l	99
68) m/p-Xylenes	11.633	106	1900132	336.111	ug/l	99
69) o-Xylene	11.956	106	894394	168.335	ug/l	99
70) Styrene	11.969	104	1535004	173.504	ug/l	99
71) Bromoform	12.133	173	237301	166.508	ug/l	# 100
73) Isopropylbenzene	12.255	105	2238981	155.735	ug/l	100
74) N-amyl acetate	12.072	43	561846	159.709	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	357601	157.873	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	280272m	93.124	ug/l	
77) Bromobenzene	12.530	156	484799	156.697	ug/l	98
78) n-propylbenzene	12.597	91	2681276	155.406	ug/l	100
79) 2-Chlorotoluene	12.682	91	1451439	155.407	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1785622	158.958	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	129469	160.016	ug/l	96
82) 4-Chlorotoluene	12.779	91	1513977	157.395	ug/l	100
83) tert-Butylbenzene	12.999	119	1594195	157.076	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1831722	162.038	ug/l	100
85) sec-Butylbenzene	13.176	105	2373216	157.674	ug/l	99
86) p-Isopropyltoluene	13.292	119	2084441	165.843	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	1027086	164.991	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	924346	155.292	ug/l	99
89) n-Butylbenzene	13.621	91	1889271	160.316	ug/l	99
90) Hexachloroethane	13.883	117	386833	154.660	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	812262	156.218	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	52777	150.784	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	468879	162.662	ug/l	98
94) Hexachlorobutadiene	15.023	225	236480	156.325	ug/l	97
95) Naphthalene	15.145	128	915763	171.849	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	395519	167.307	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

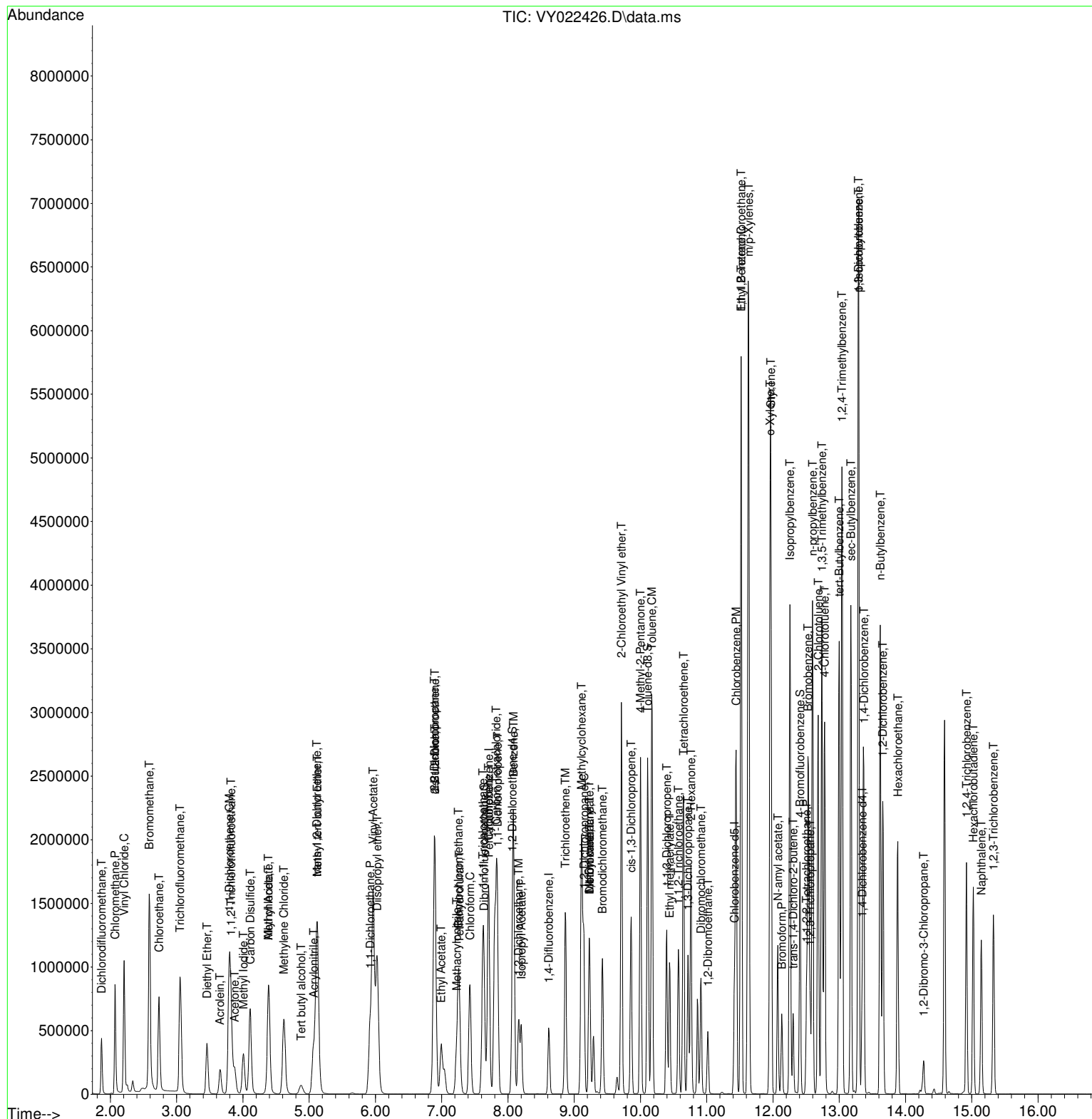
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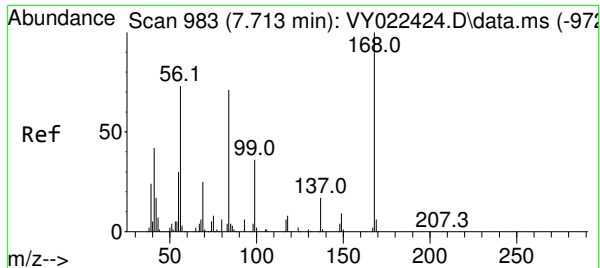
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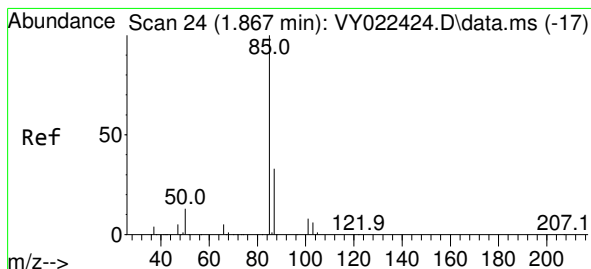
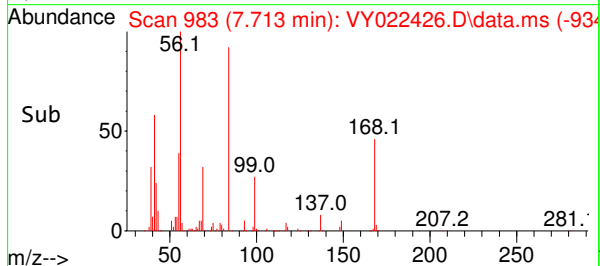
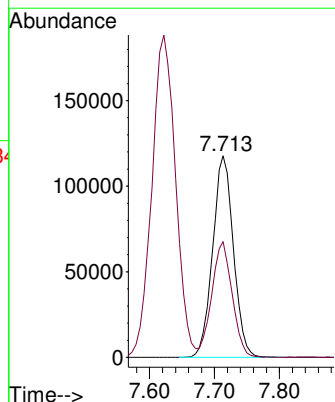
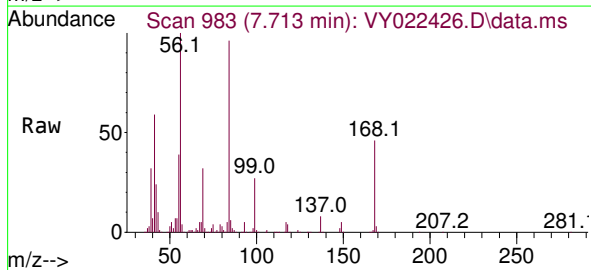
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022426.D
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Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 26156
Ion Ratio Lower Upper
168 100
99 57.4 44.7 67.1

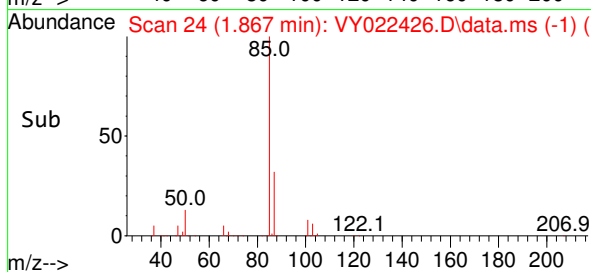
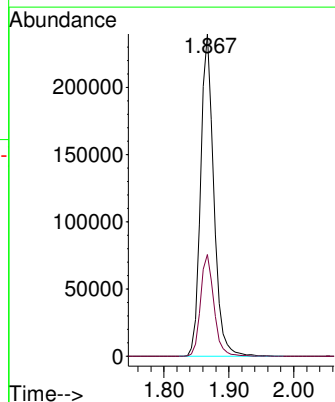
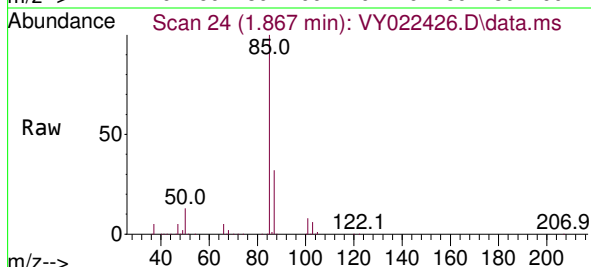
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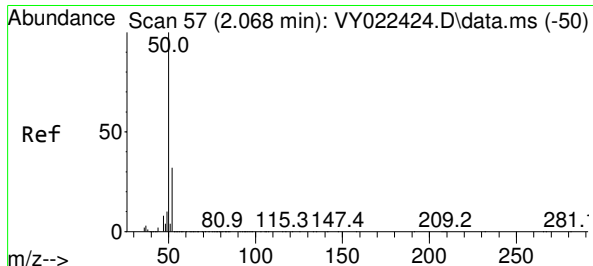
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#2
Dichlorodifluoromethane
Concen: 135.034 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 85 Resp: 336978
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.2





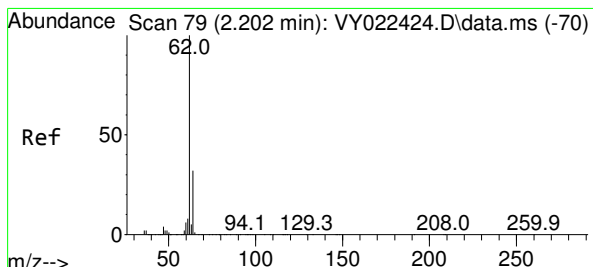
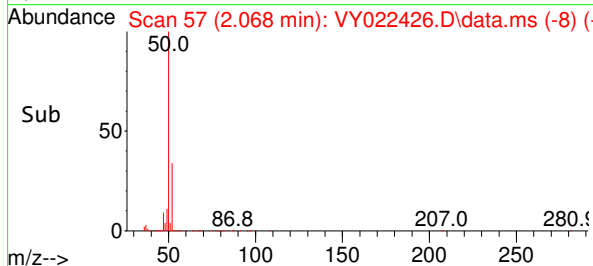
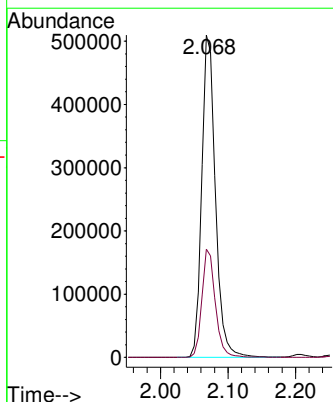
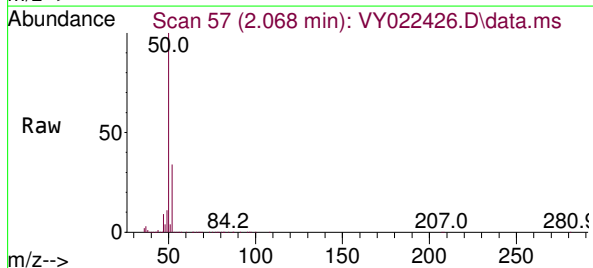
#3
Chloromethane
Concen: 116.621 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
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Tgt Ion: 50 Resp: 71586
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

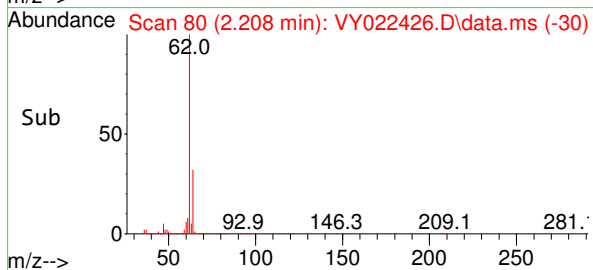
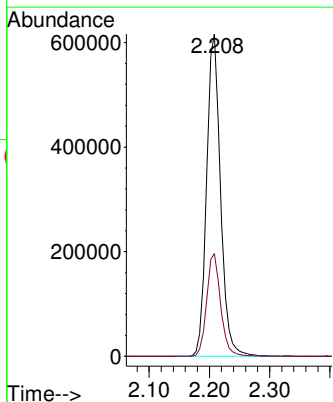
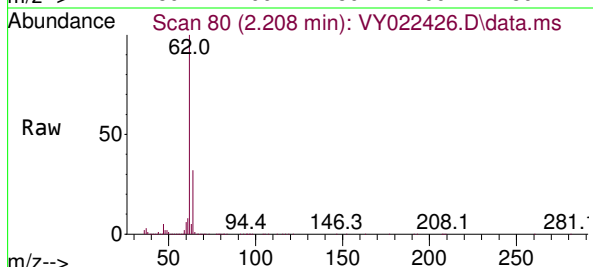
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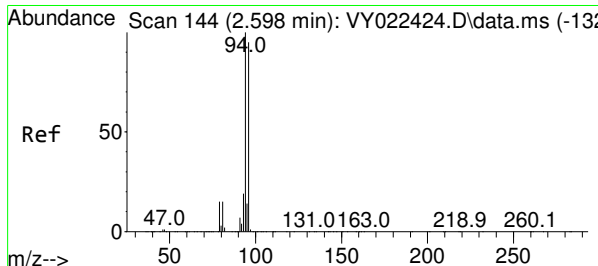
Reviewed By :Amit Patel 05/28/2025
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#4
Vinyl Chloride
Concen: 132.303 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 62 Resp: 986607
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





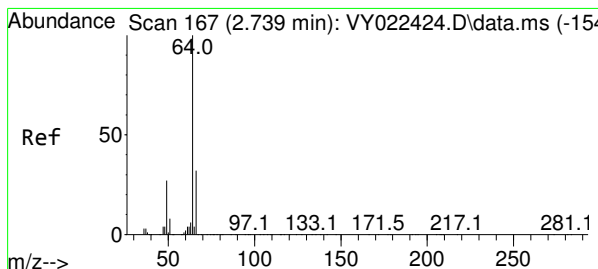
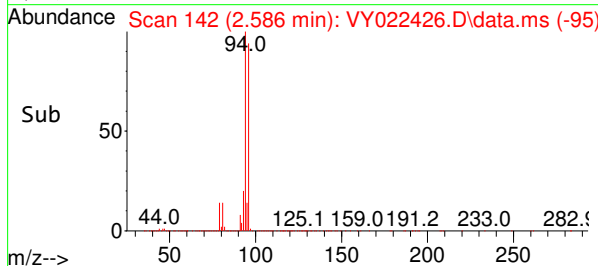
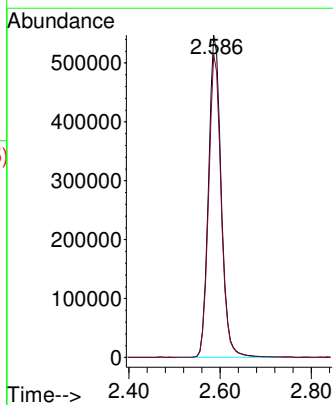
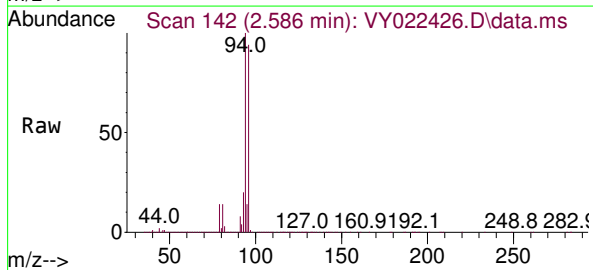
#5
Bromomethane
Concen: 155.728 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022426.D
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Tgt Ion: 94 Resp: 105531
Ion Ratio Lower Upper
94 100
96 93.8 76.0 114.0

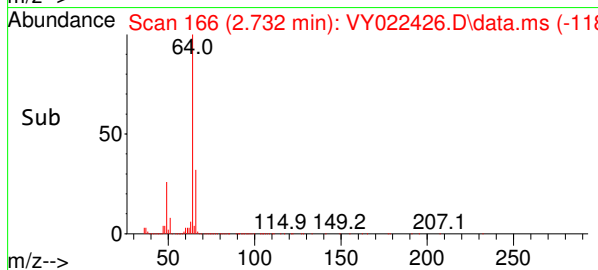
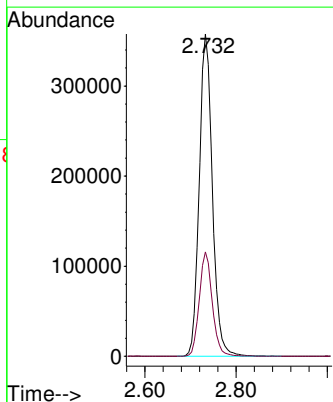
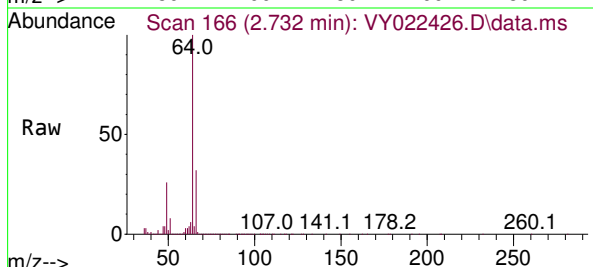
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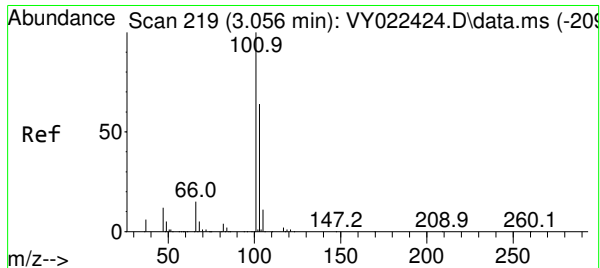
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#6
Chloroethane
Concen: 146.039 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022426.D
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Tgt Ion: 64 Resp: 711645
Ion Ratio Lower Upper
64 100
66 32.4 25.9 38.9





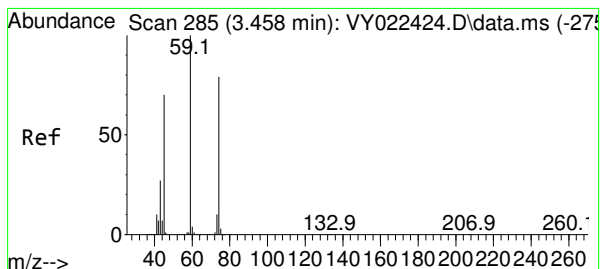
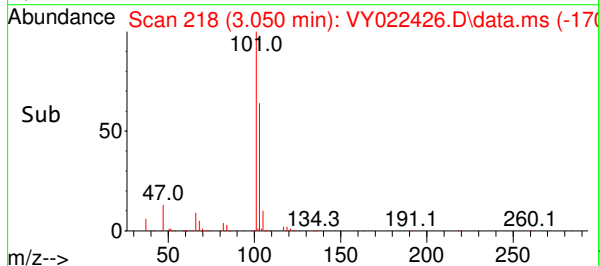
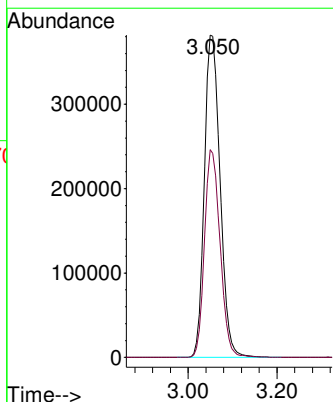
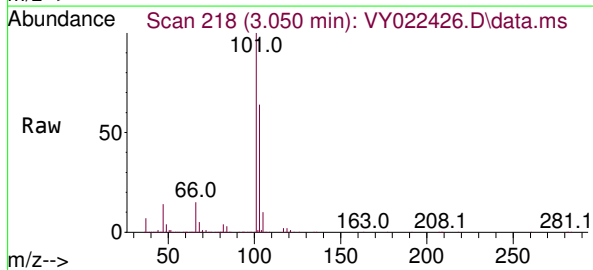
#7
Trichlorofluoromethane
Concen: 148.741 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
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ClientSampleId :
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Tgt Ion: 101 Resp: 93584
Ion Ratio Lower Upper
101 100
103 64.5 50.9 76.3

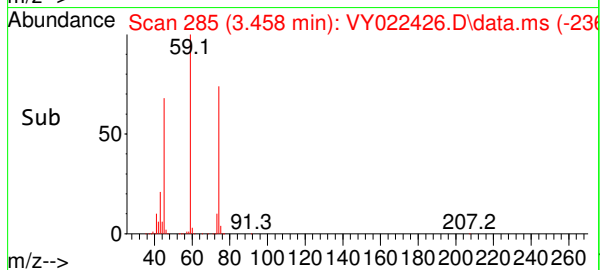
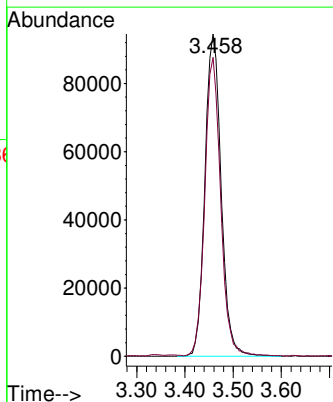
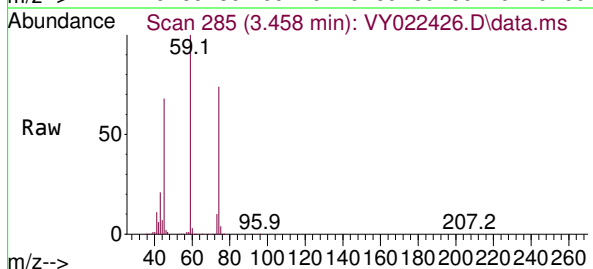
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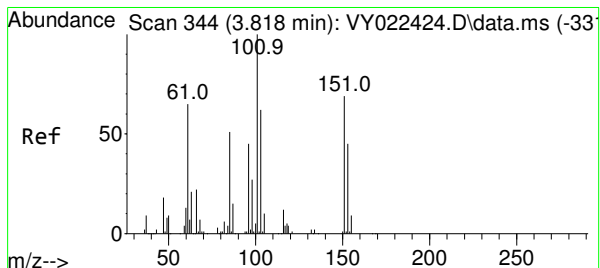
Reviewed By :Amit Patel 05/28/2025
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#8
Diethyl Ether
Concen: 152.083 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 74 Resp: 220632
Ion Ratio Lower Upper
74 100
45 90.7 44.9 134.5





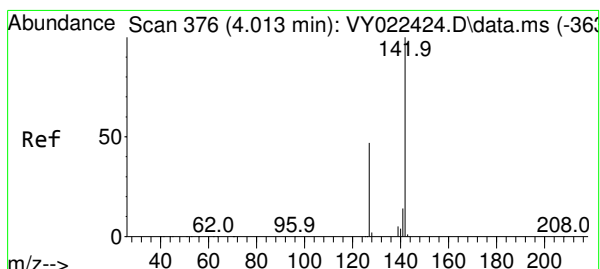
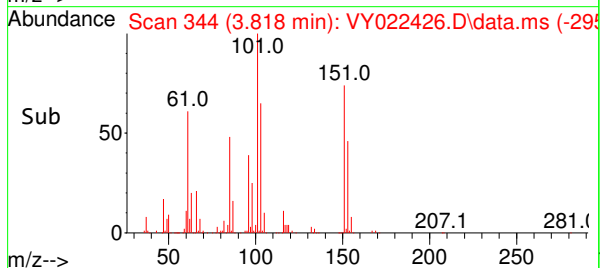
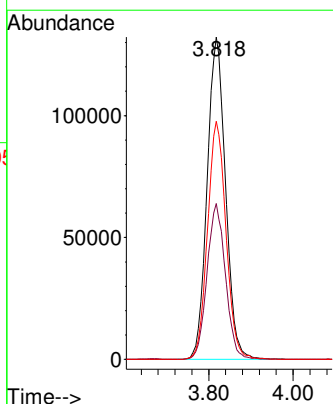
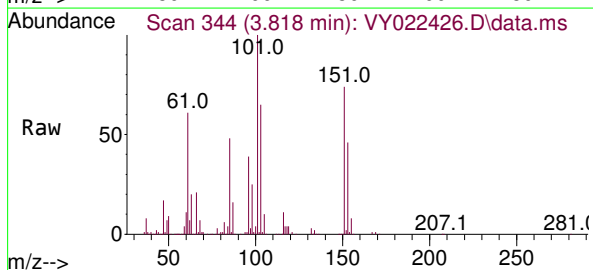
#9
1,1,2-Trichlorotrifluoroethane
Concen: 145.505 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion	Ratio	Lower	Upper
101	100		
85	48.4	39.2	58.8
151	74.2	58.8	88.2

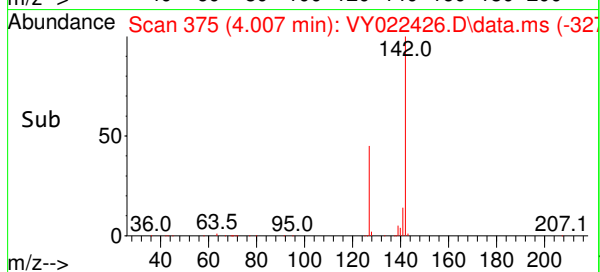
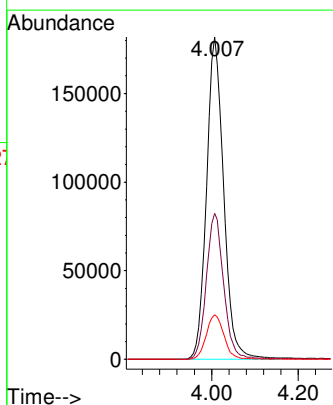
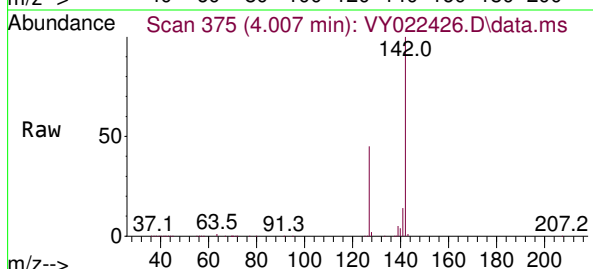
Manual Integrations
APPROVED

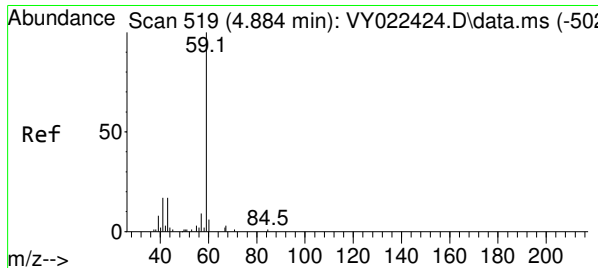
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#10
Methyl Iodide
Concen: 160.432 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.7	36.2	54.4
141	14.2	11.6	17.4





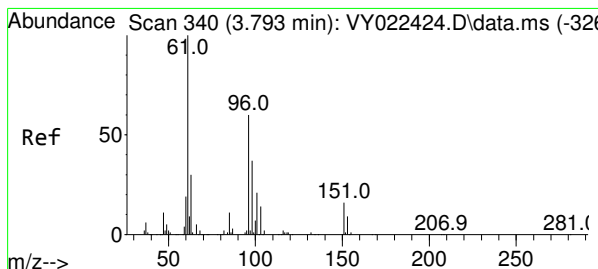
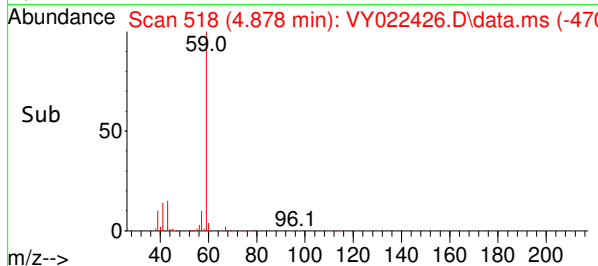
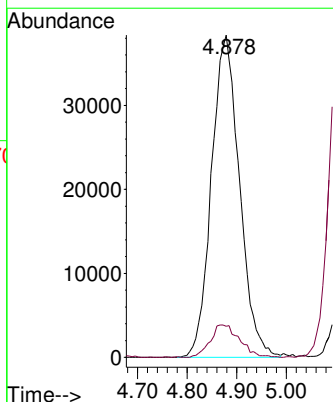
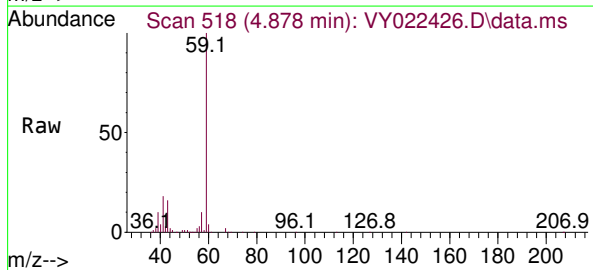
#11
Tert butyl alcohol
Concen: 773.955 ug/l
RT: 4.878 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 15036
Ion Ratio Lower Upper
59 100
57 10.6 9.1 13.7

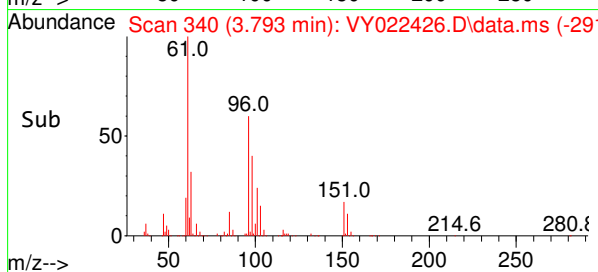
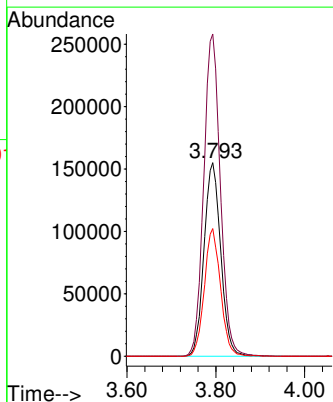
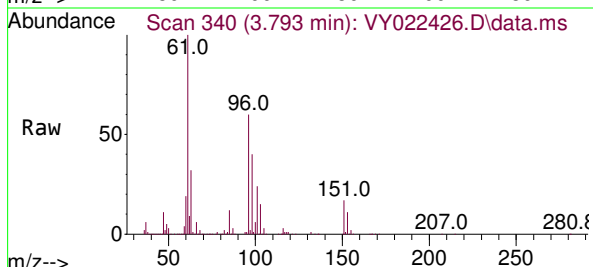
Manual Integrations
APPROVED

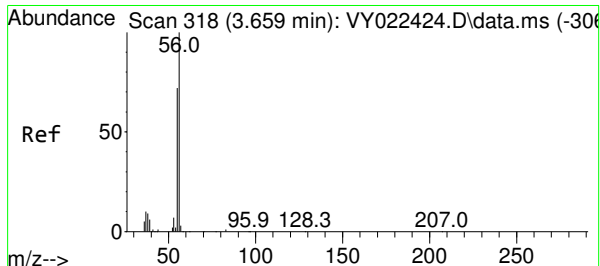
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#12
1,1-Dichloroethene
Concen: 147.508 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 96 Resp: 404241
Ion Ratio Lower Upper
96 100
61 166.5 134.1 201.1
98 66.0 50.2 75.2





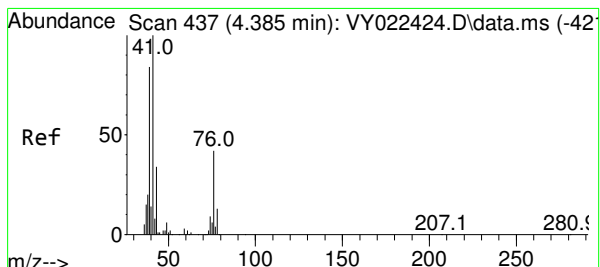
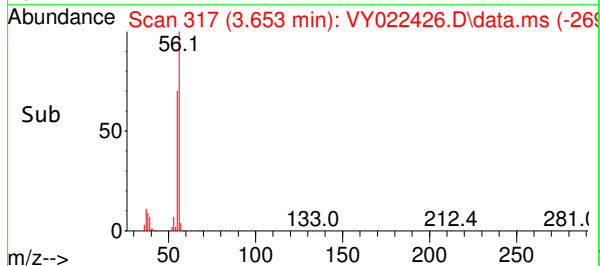
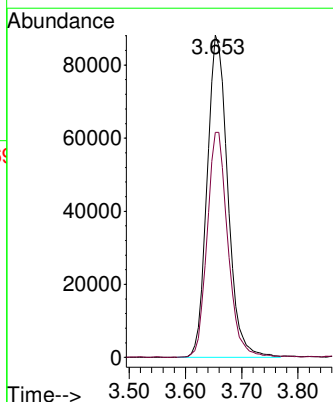
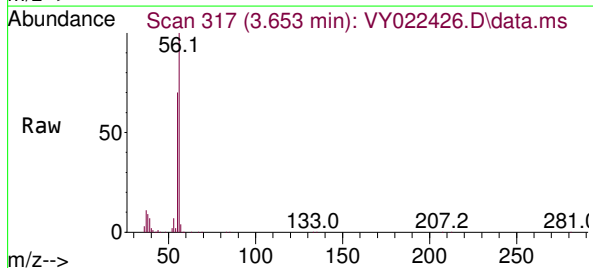
#13
Acrolein
Concen: 772.427 ug/l
RT: 3.653 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 22476
Ion Ratio Lower Upper
56 100
55 70.1 56.5 84.7

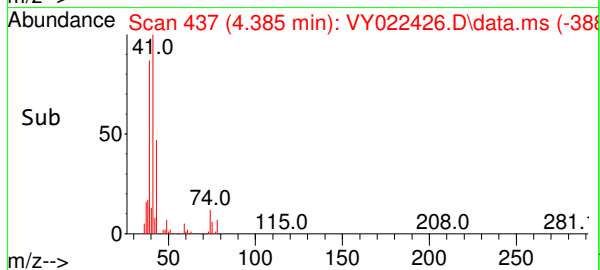
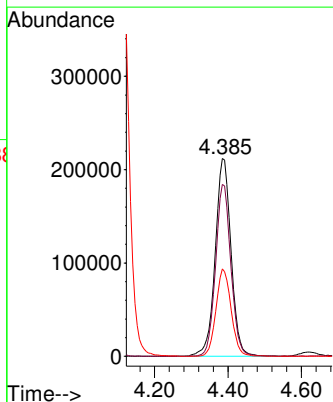
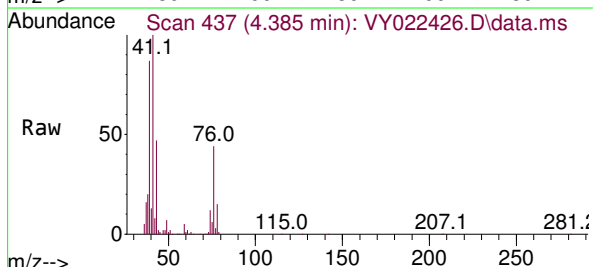
Manual Integrations
APPROVED

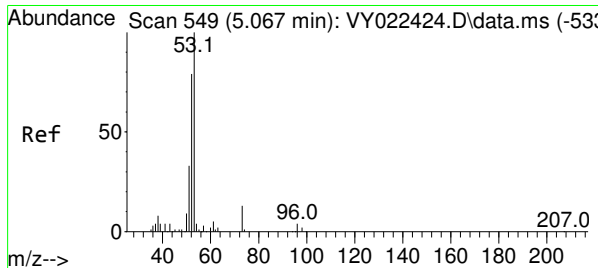
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#14
Allyl chloride
Concen: 153.977 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 41 Resp: 634755
Ion Ratio Lower Upper
41 100
39 84.2 66.6 100.0
76 42.2 33.7 50.5





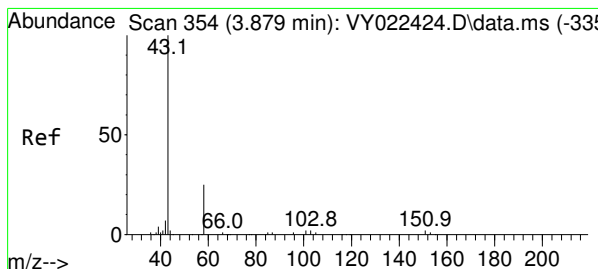
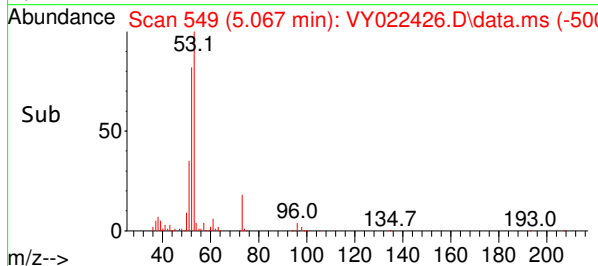
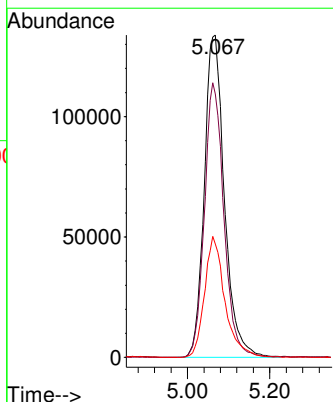
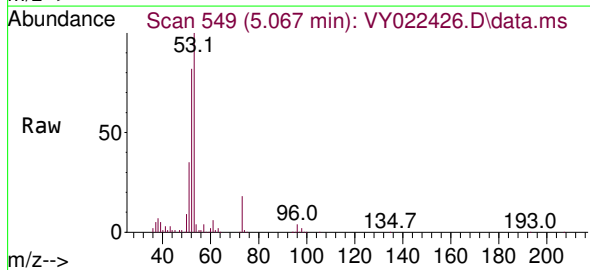
#15
Acrylonitrile
Concen: 778.419 ug/l
RT: 5.067 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 45518
Ion Ratio Lower Upper
53 100
52 82.5 65.1 97.7
51 38.0 30.0 45.0

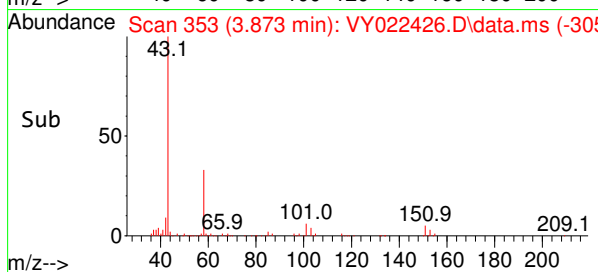
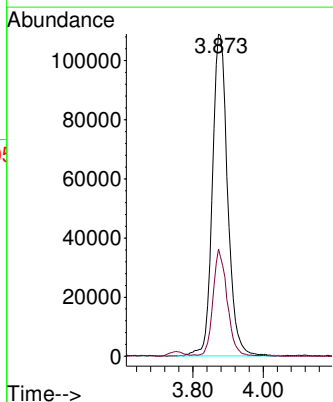
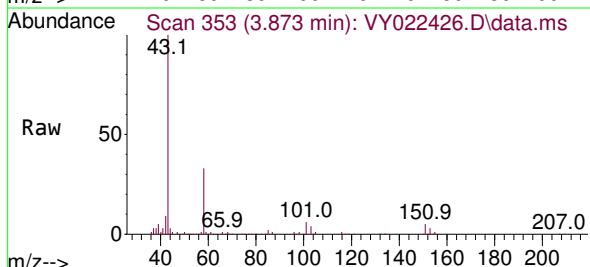
Manual Integrations
APPROVED

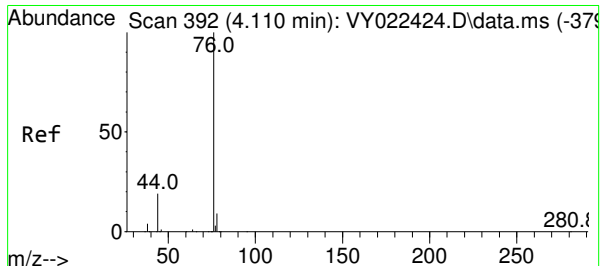
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#16
Acetone
Concen: 722.994 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 43 Resp: 327320
Ion Ratio Lower Upper
43 100
58 33.3 20.6 30.8#





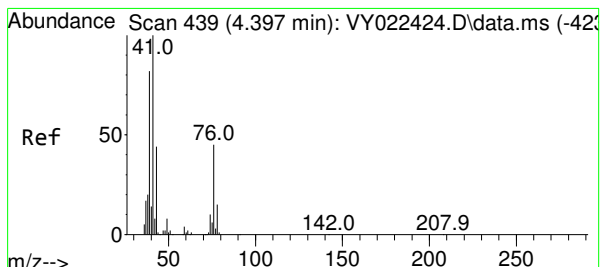
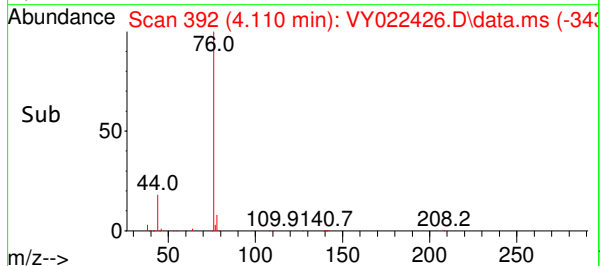
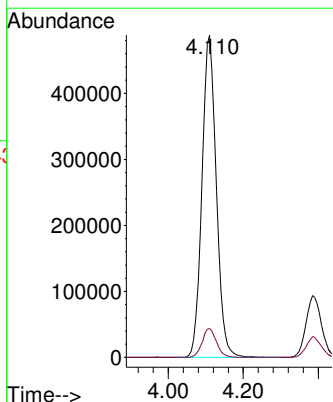
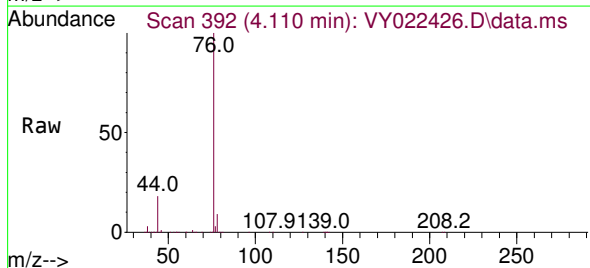
#17
Carbon Disulfide
Concen: 148.080 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 129502
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

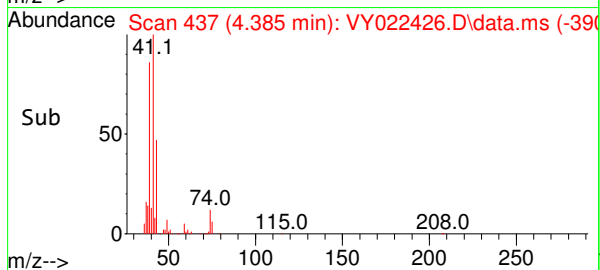
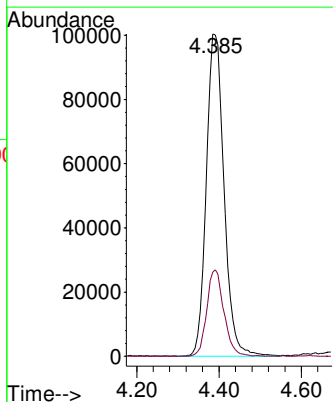
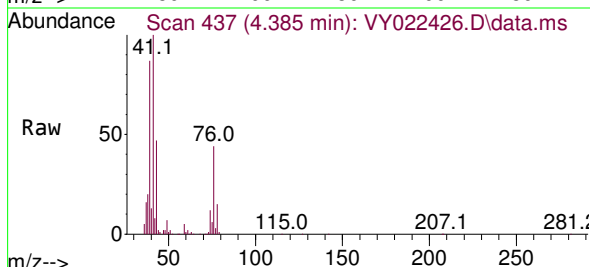
Manual Integrations
APPROVED

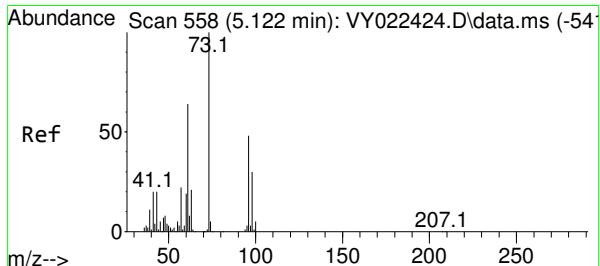
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#18
Methyl Acetate
Concen: 177.047 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 43 Resp: 300253
Ion Ratio Lower Upper
43 100
74 26.1 21.2 31.8





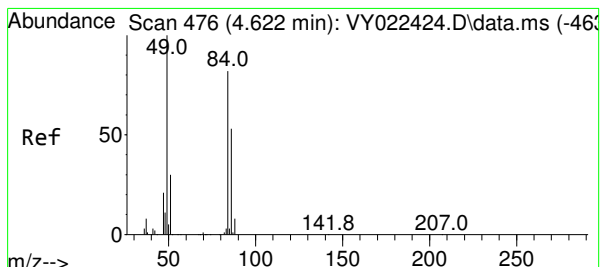
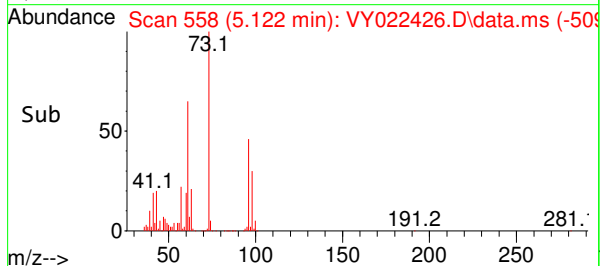
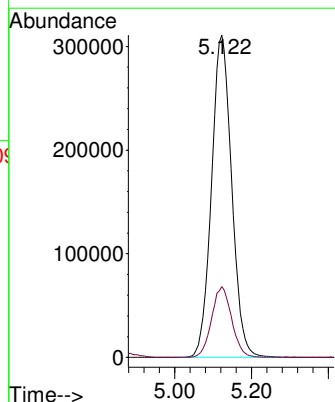
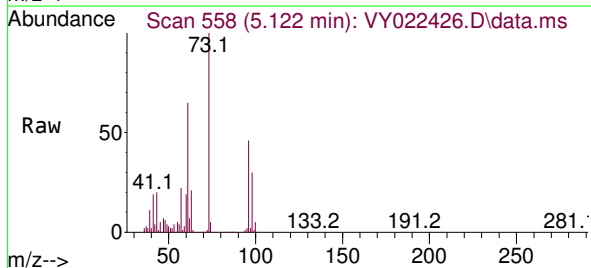
#19
Methyl tert-butyl Ether
Concen: 155.888 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 113418
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

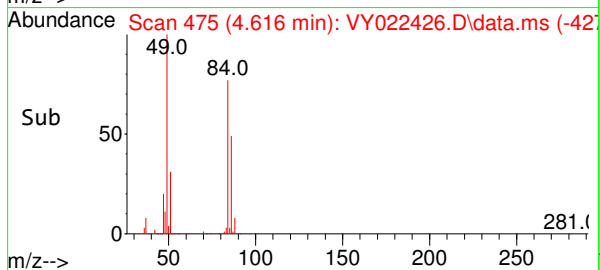
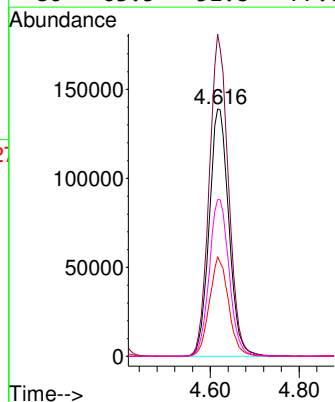
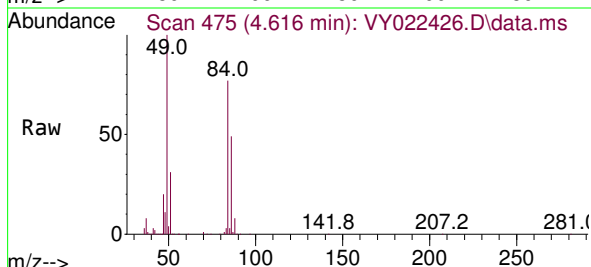
Manual Integrations
APPROVED

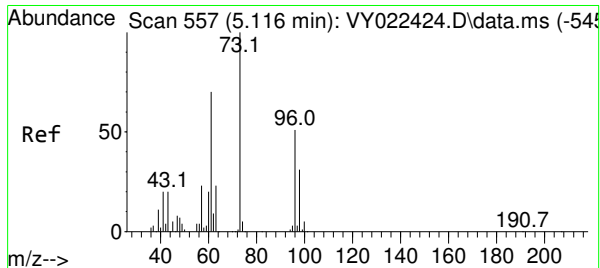
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#20
Methylene Chloride
Concen: 133.322 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 84 Resp: 426225
Ion Ratio Lower Upper
84 100
49 130.3 97.8 146.8
51 40.3 29.5 44.3
86 63.5 51.8 77.6





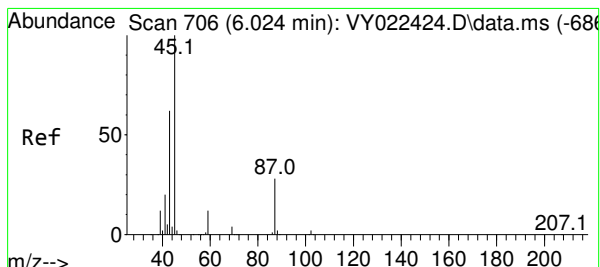
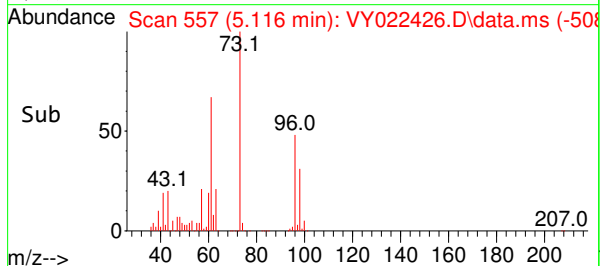
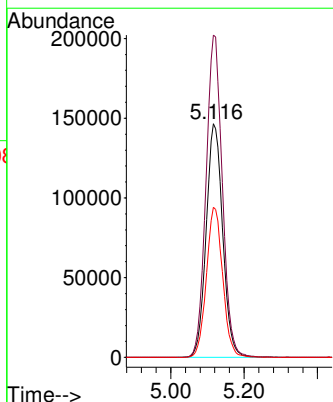
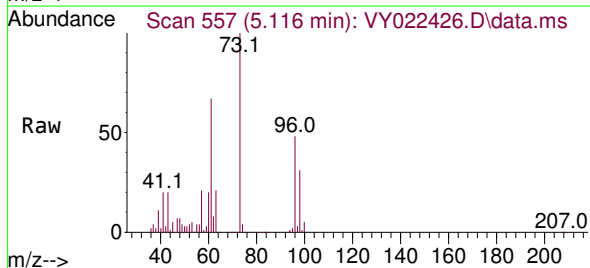
#21
trans-1,2-Dichloroethene
Concen: 152.698 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 45684
Ion Ratio Lower Upper
96 100
61 137.9 110.4 165.6
98 64.3 48.6 73.0

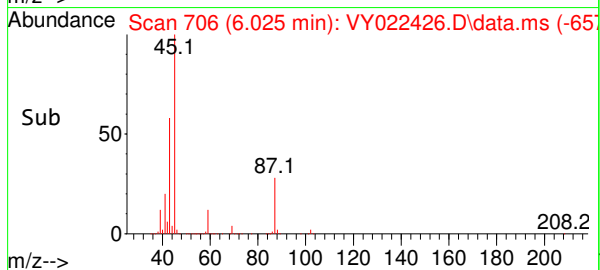
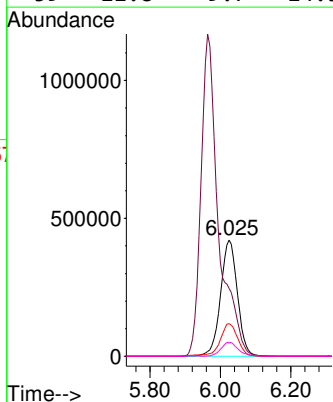
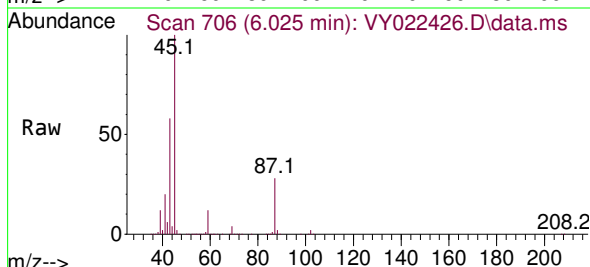
Manual Integrations
APPROVED

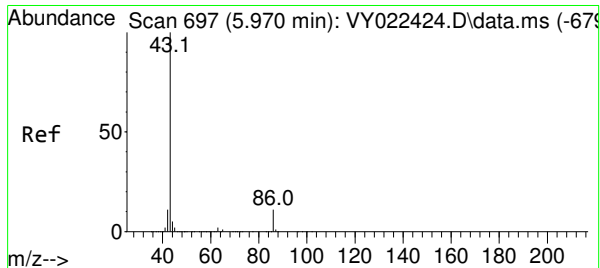
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#22
Diisopropyl ether
Concen: 154.338 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 45 Resp: 1404193
Ion Ratio Lower Upper
45 100
43 58.3 49.8 74.8
87 28.2 23.0 34.6
59 11.8 9.7 14.5





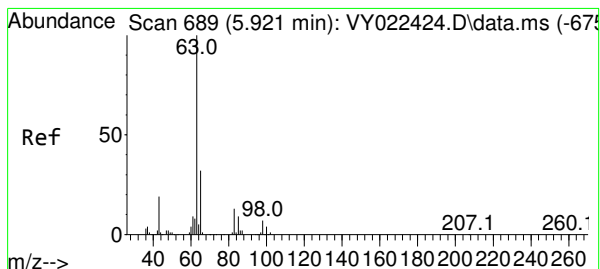
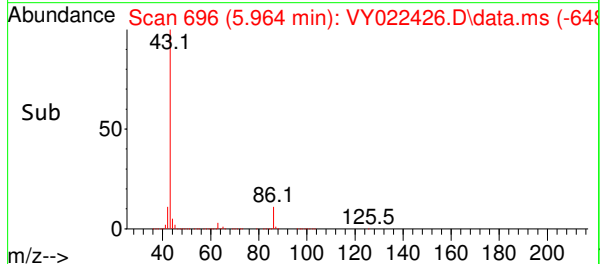
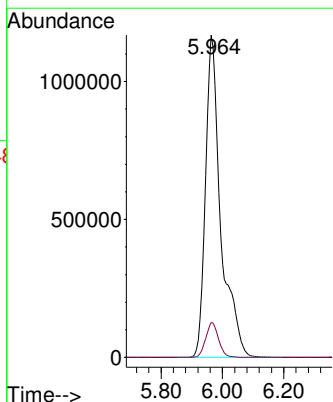
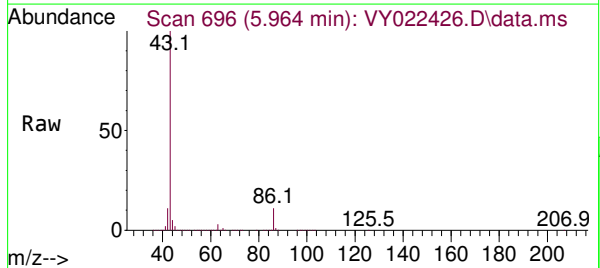
#23
 Vinyl Acetate
 Concen: 773.807 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022426.D
 Acq: 27 May 2025 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 404239
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.8 13.2

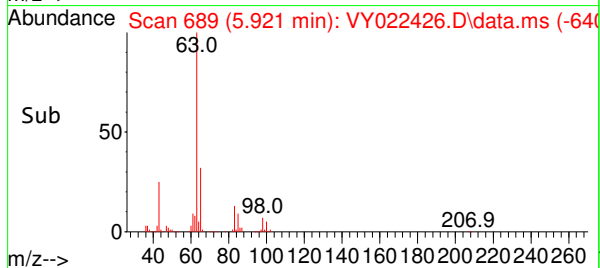
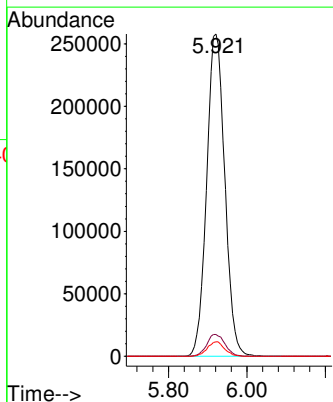
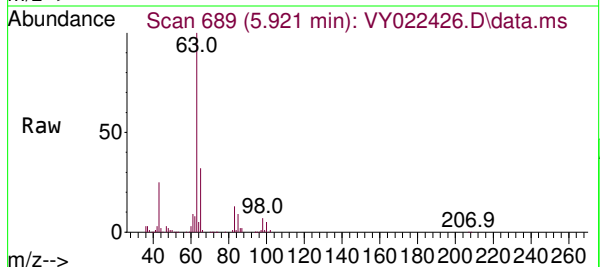
Manual Integrations
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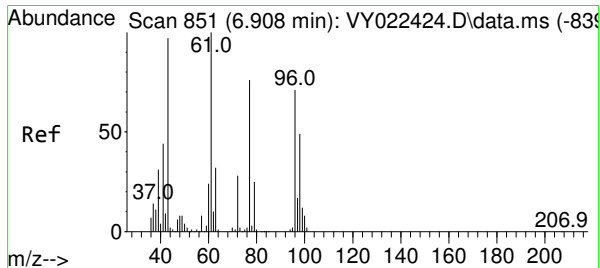
Reviewed By :Amit Patel 05/28/2025
 Supervised By :Mahesh Dadoda 05/28/2025



#24
 1,1-Dichloroethane
 Concen: 154.149 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY022426.D
 Acq: 27 May 2025 10:44

Tgt Ion: 63 Resp: 828730
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.5 2.1 6.5





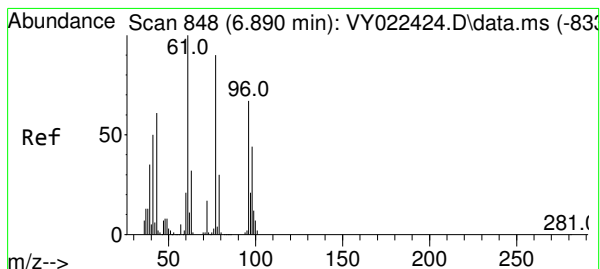
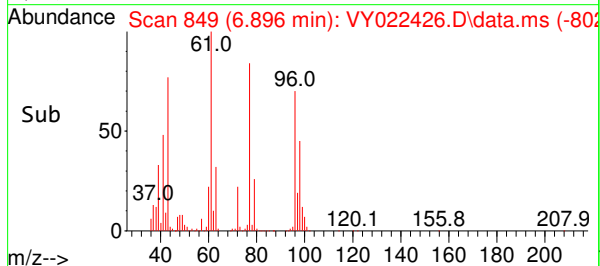
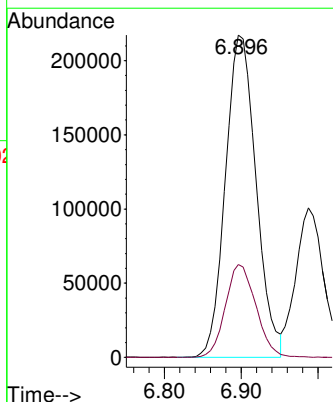
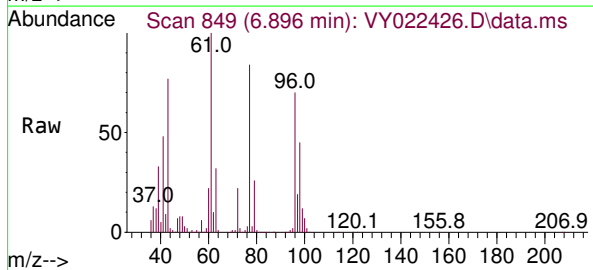
#25
2-Butanone
Concen: 800.866 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 60383
Ion Ratio Lower Upper
43 100
72 28.9 22.8 34.2

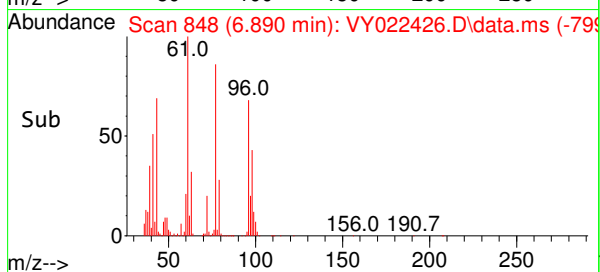
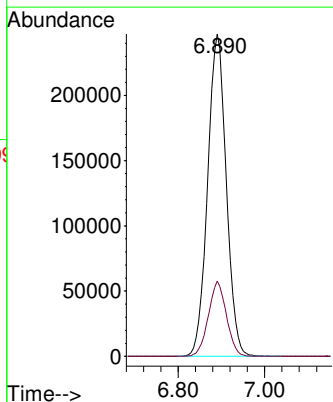
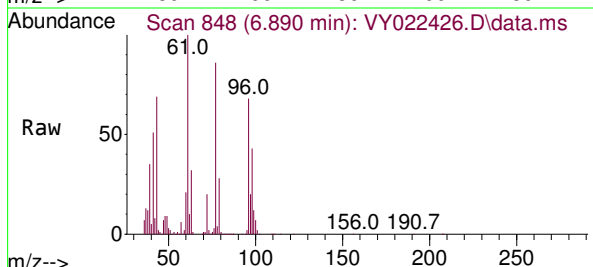
Manual Integrations
APPROVED

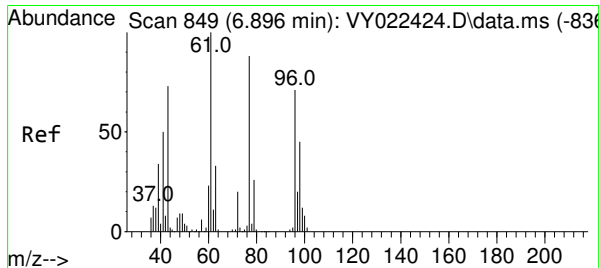
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#26
2,2-Dichloropropane
Concen: 151.572 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 77 Resp: 737854
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.7





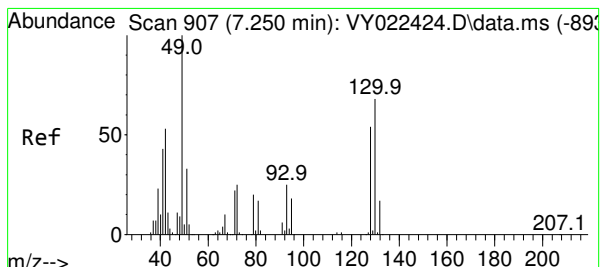
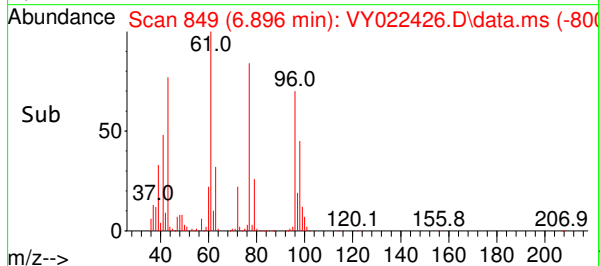
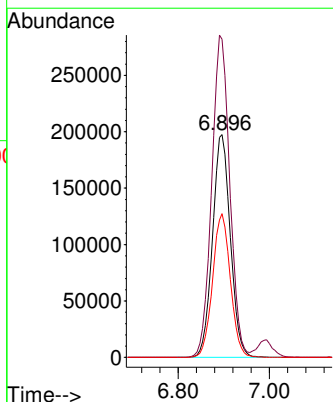
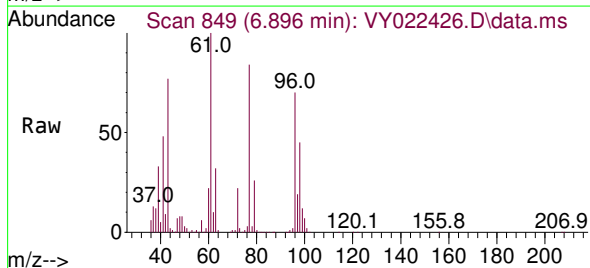
#27
cis-1,2-Dichloroethene
Concen: 155.137 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 53732
Ion Ratio Lower Upper
96 100
61 146.3 0.0 292.0
98 64.2 0.0 131.0

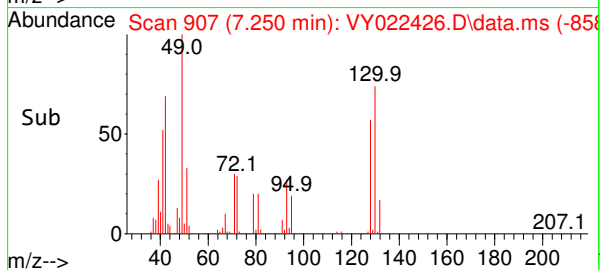
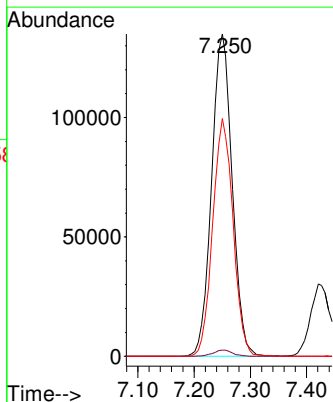
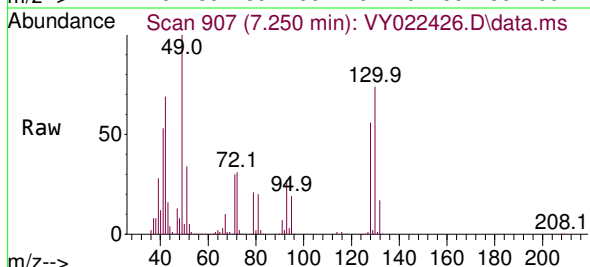
Manual Integrations
APPROVED

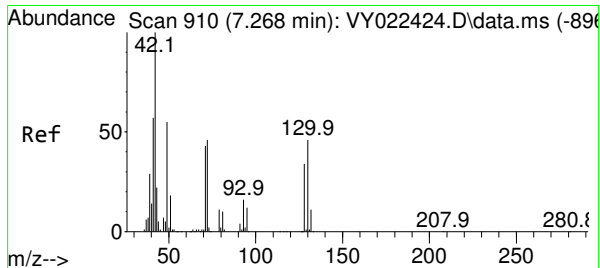
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#28
Bromochloromethane
Concen: 152.635 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 49 Resp: 342656
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 73.0 56.9 85.3





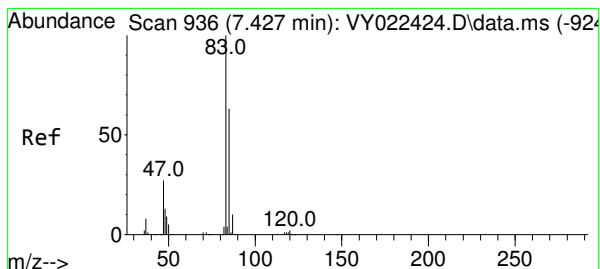
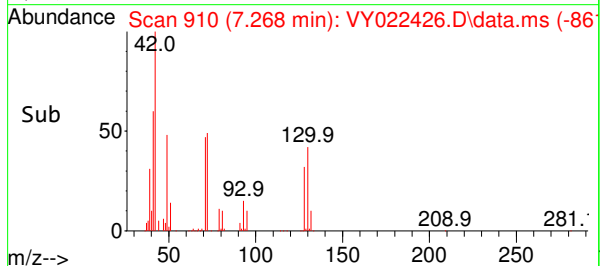
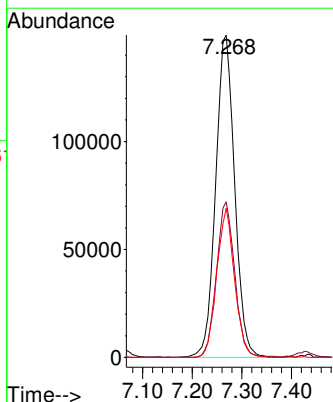
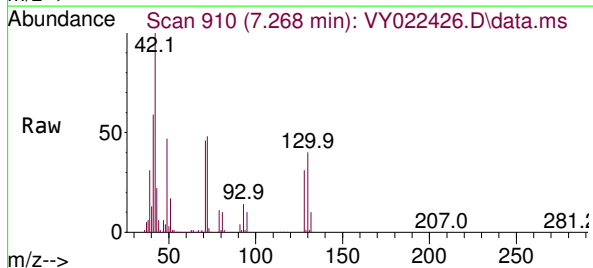
#29
Tetrahydrofuran
Concen: 790.090 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 39729
Ion Ratio Lower Upper
42 100
72 46.7 37.7 56.5
71 43.4 34.7 52.1

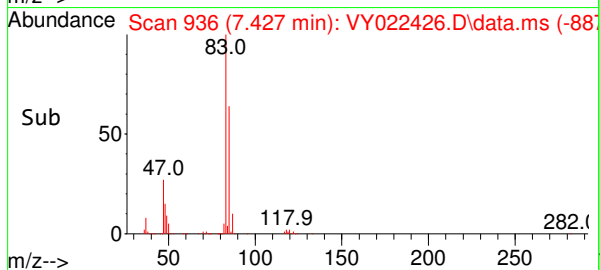
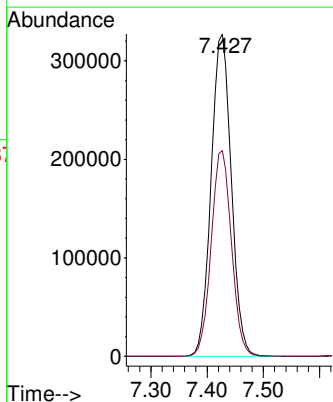
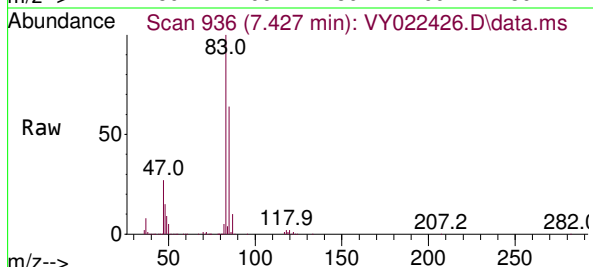
Manual Integrations
APPROVED

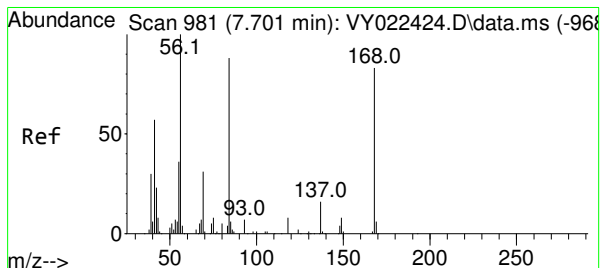
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#30
Chloroform
Concen: 153.787 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 83 Resp: 814685
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1





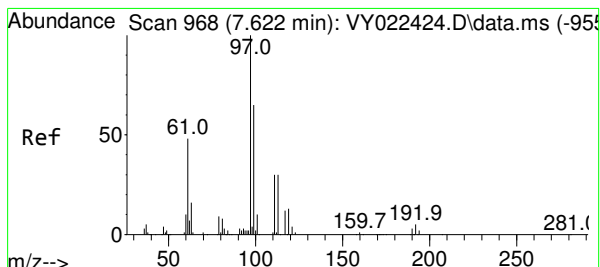
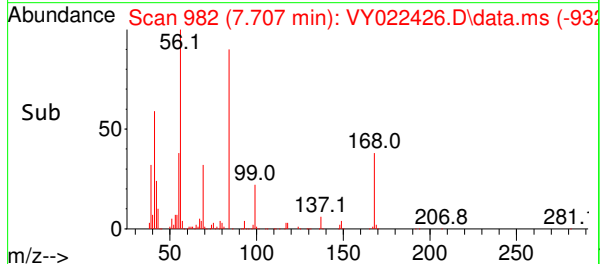
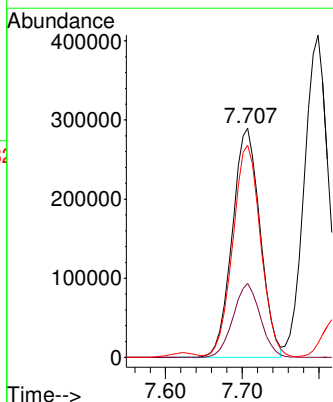
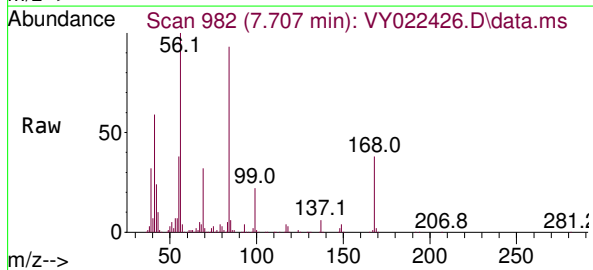
#31
Cyclohexane
Concen: 137.826 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument : MSVOA_Y
ClientSampleId : VSTDIC150

Tgt Ion: 56 Resp: 73041
Ion Ratio Lower Upper
56 100
69 32.3 24.6 36.8
84 90.9 70.4 105.6

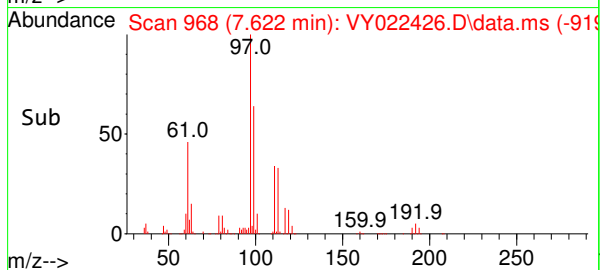
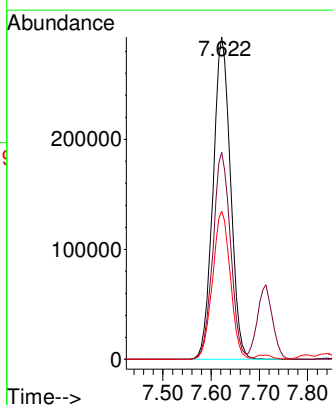
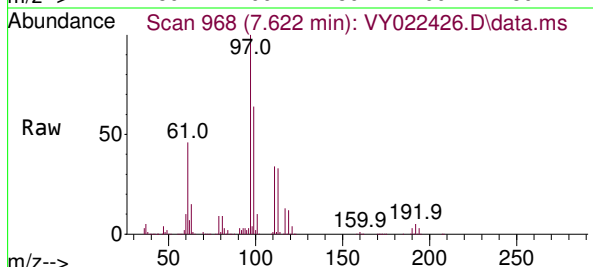
Manual Integrations
APPROVED

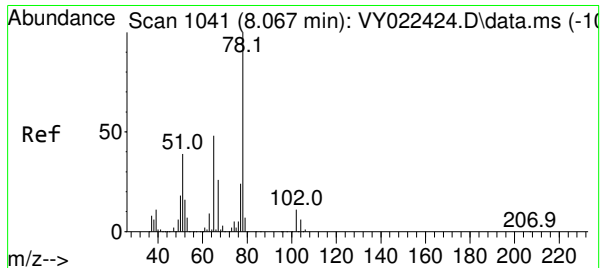
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#32
1,1,1-Trichloroethane
Concen: 153.436 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 97 Resp: 737686
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 46.8 37.3 55.9





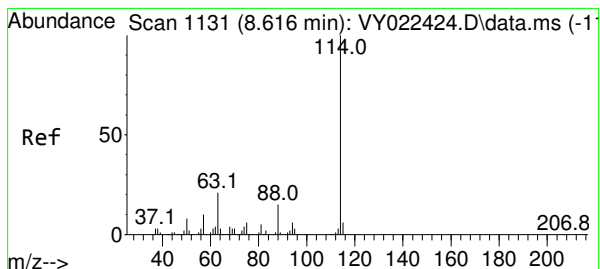
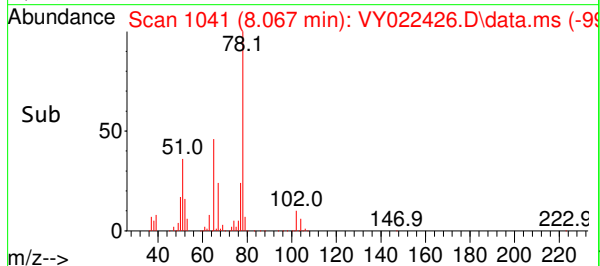
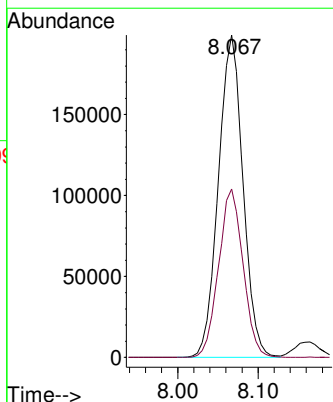
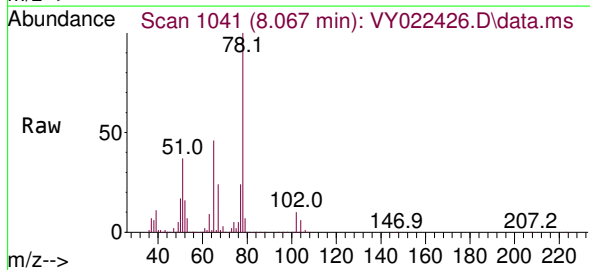
#33
1,2-Dichloroethane-d4
Concen: 153.366 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 42253
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.4

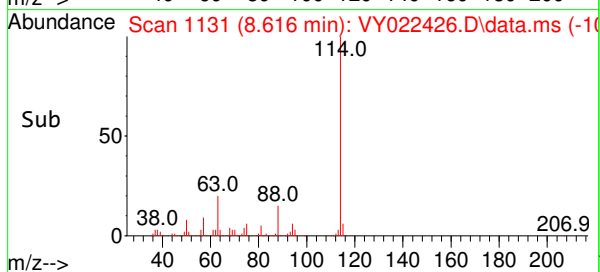
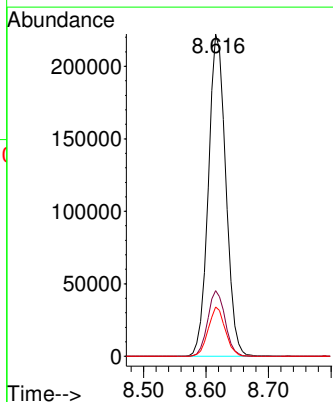
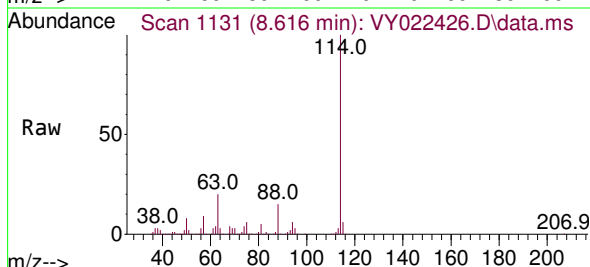
Manual Integrations
APPROVED

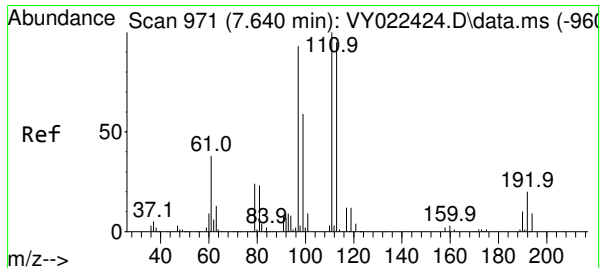
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion:114 Resp: 431909
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 15.3 0.0 29.4





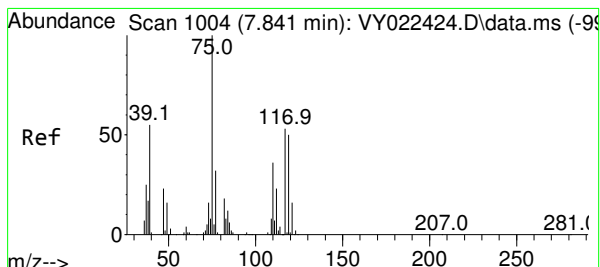
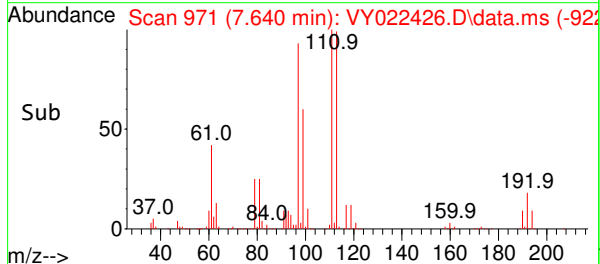
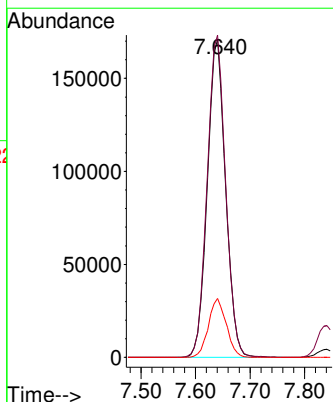
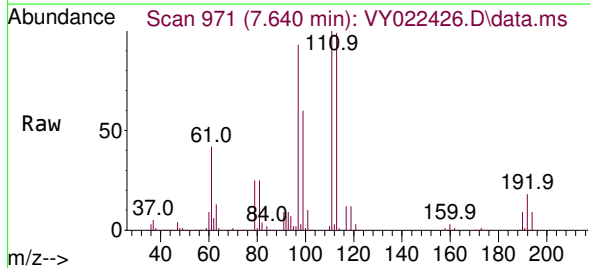
#35
Dibromofluoromethane
Concen: 157.523 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 113 Resp: 39843
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.2 15.2 22.8

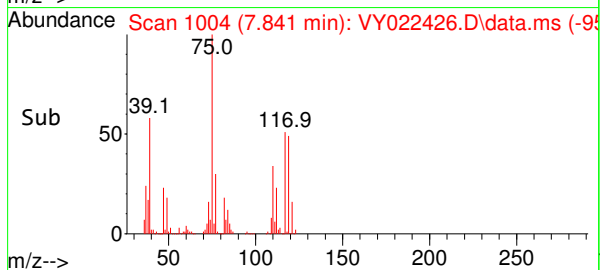
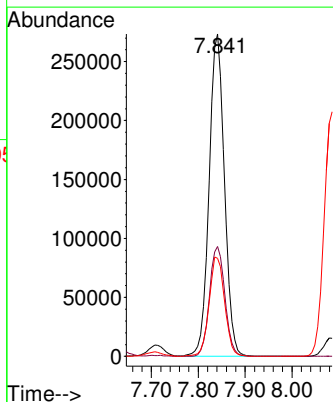
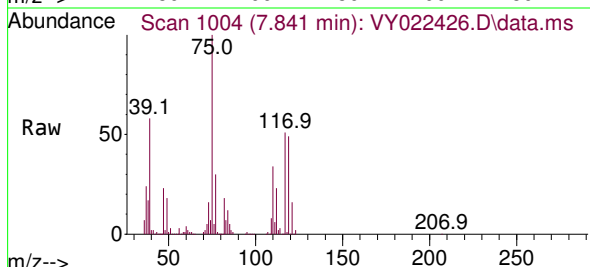
Manual Integrations
APPROVED

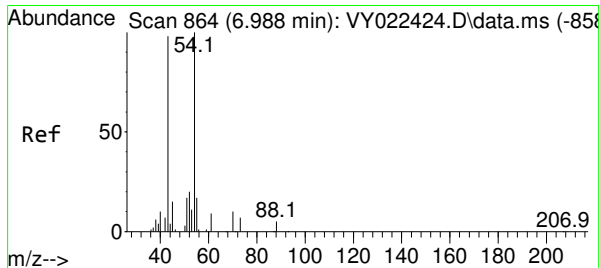
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#36
1,1-Dichloropropene
Concen: 155.342 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

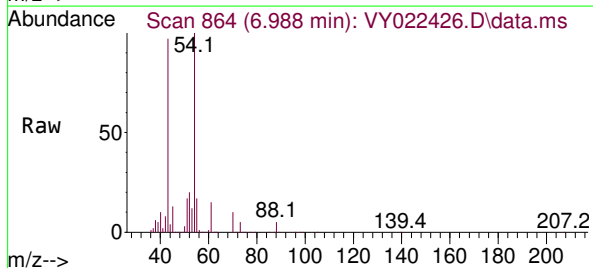
Tgt Ion: 75 Resp: 623501
Ion Ratio Lower Upper
75 100
110 34.3 17.1 51.2
77 31.2 25.1 37.7





#37
Ethyl Acetate
Concen: 153.581 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

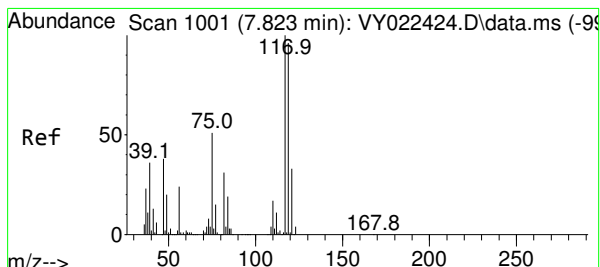
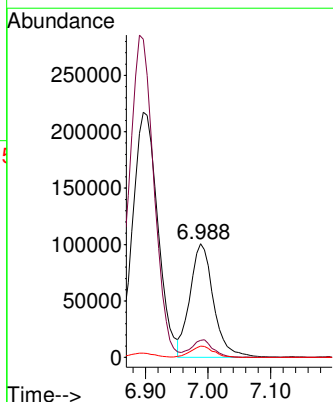
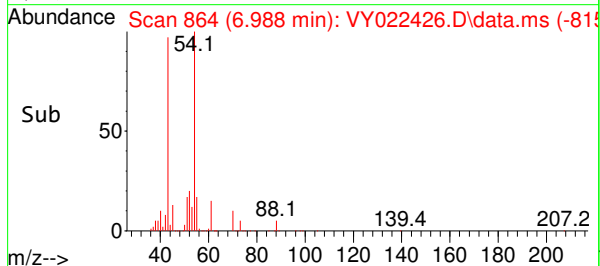
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 26197
Ion Ratio Lower Upper
43 100
61 14.1 11.7 17.5
70 9.5 7.8 11.6

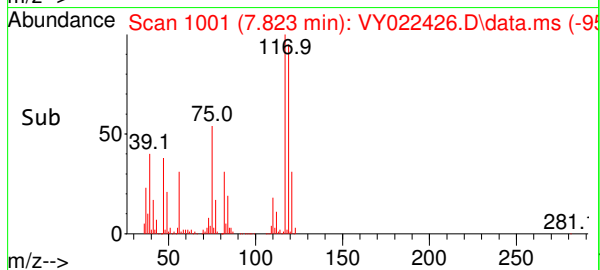
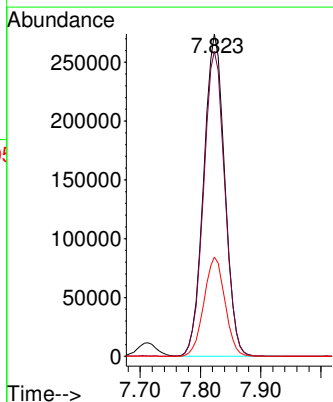
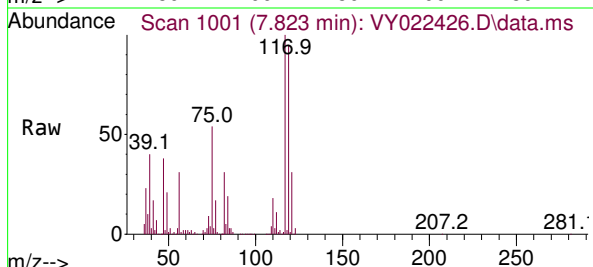
Manual Integrations
APPROVED

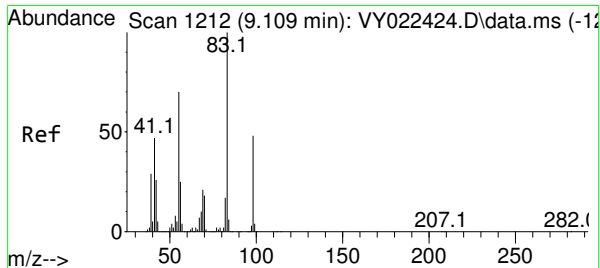
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#38
Carbon Tetrachloride
Concen: 158.776 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion:117 Resp: 663867
Ion Ratio Lower Upper
117 100
119 94.6 76.3 114.5
121 30.8 26.1 39.1





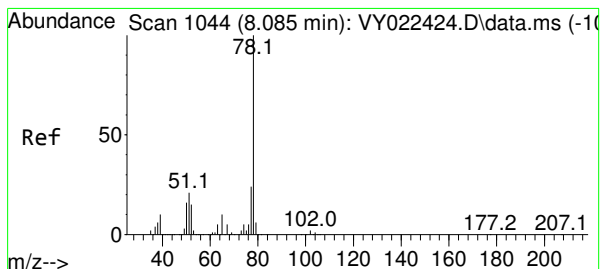
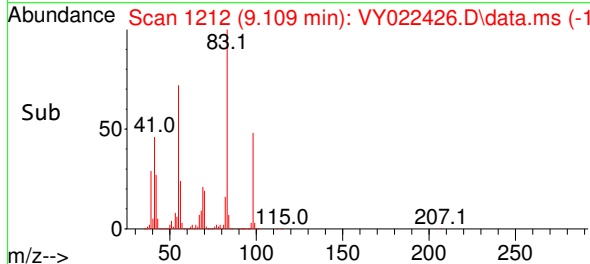
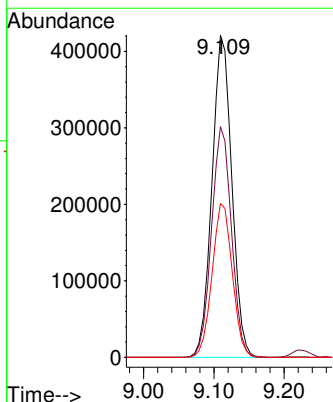
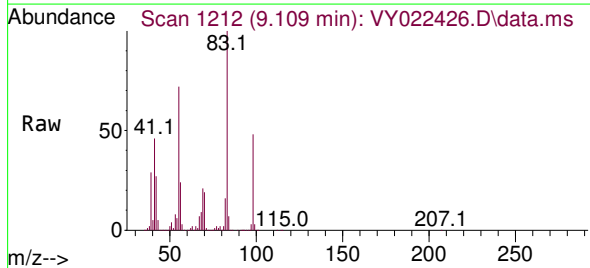
#39
Methylcyclohexane
Concen: 154.561 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 82464
Ion Ratio Lower Upper
83 100
55 71.6 56.2 84.2
98 47.7 38.4 57.6

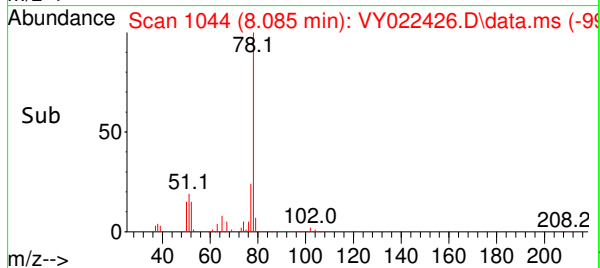
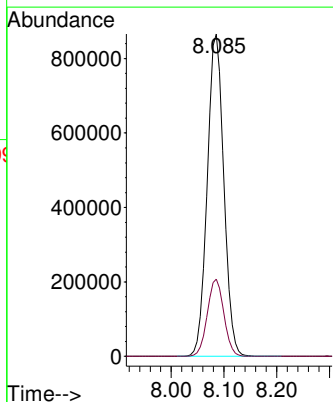
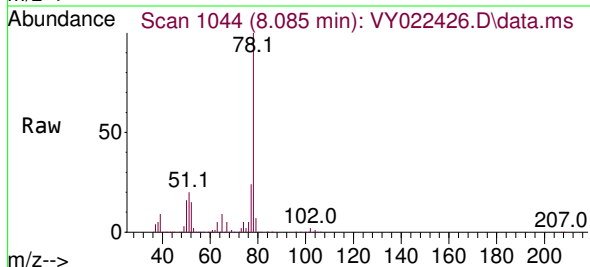
Manual Integrations
APPROVED

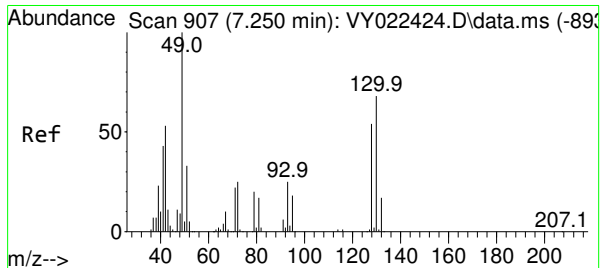
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#40
Benzene
Concen: 158.501 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 78 Resp: 1893003
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.2





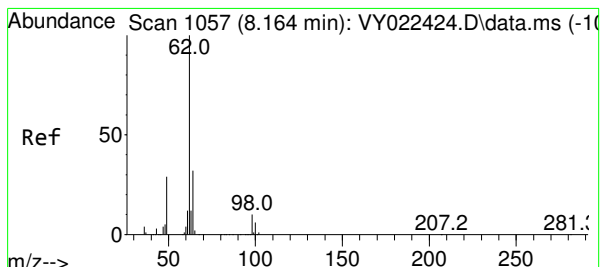
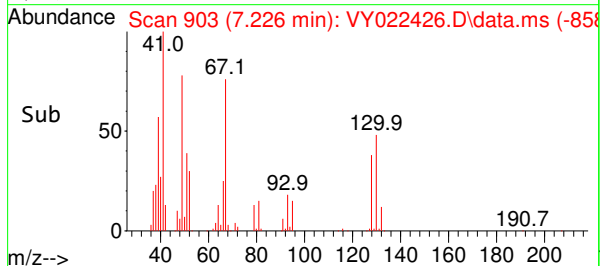
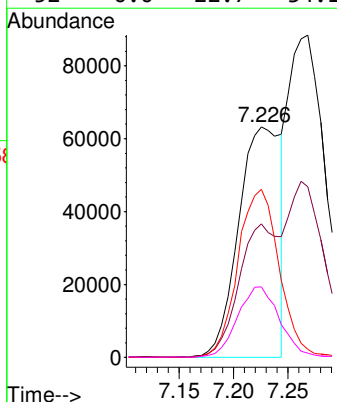
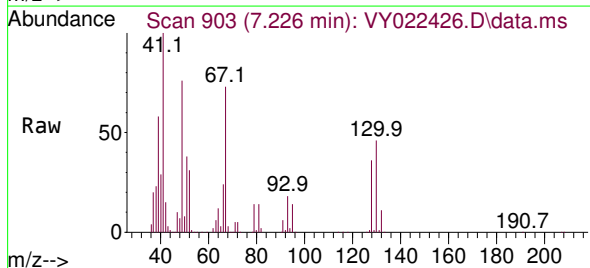
#41
Methacrylonitrile
Concen: 76.337 ug/l m
RT: 7.226 min Scan# 907
Delta R.T. -0.024 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 17137
Ion Ratio Lower Upper
41 100
39 65.4 40.4 60.6
67 0.0 53.0 79.4
52 0.0 22.7 34.1#

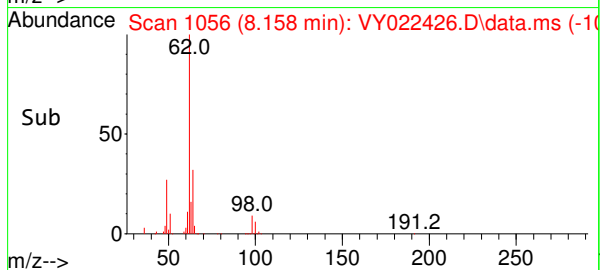
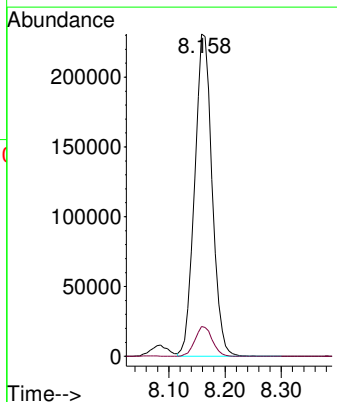
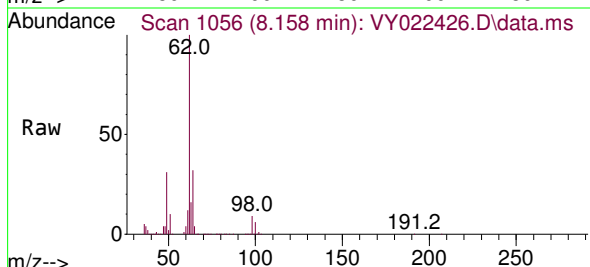
Manual Integrations
APPROVED

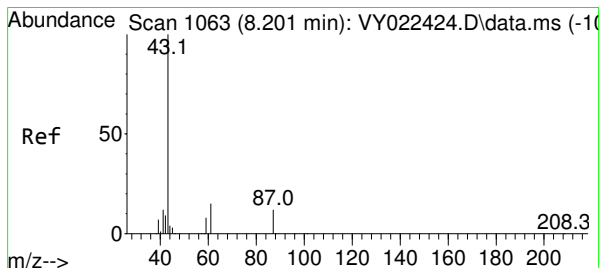
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#42
1,2-Dichloroethane
Concen: 157.877 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 62 Resp: 497991
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 157.564 ug/l

RT: 8.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

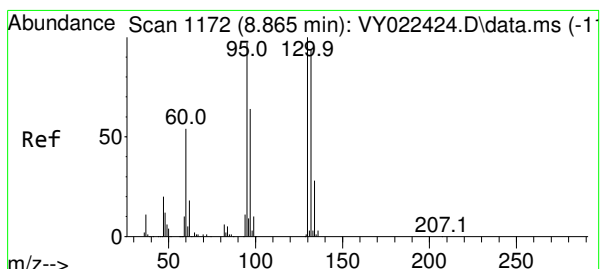
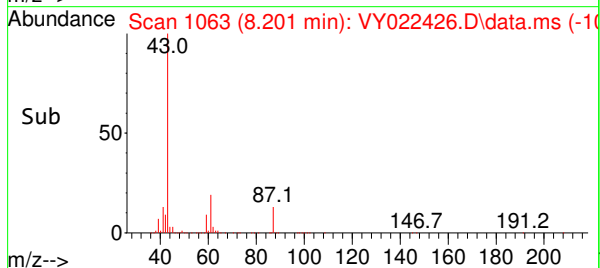
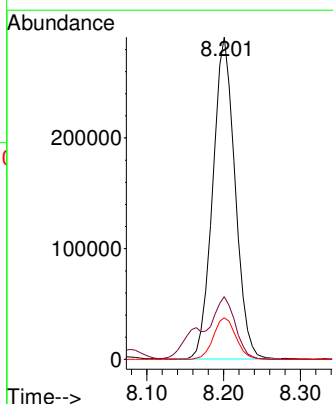
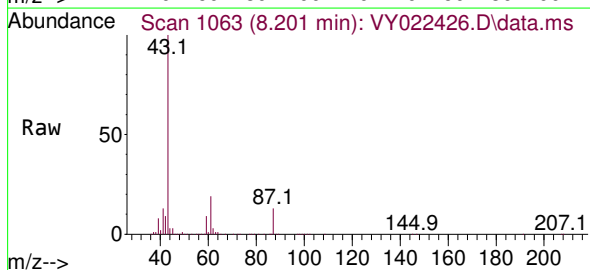
Tgt Ion:	43	Resp:	58736
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.6
87	13.2	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#44

Trichloroethene

Concen: 152.390 ug/l

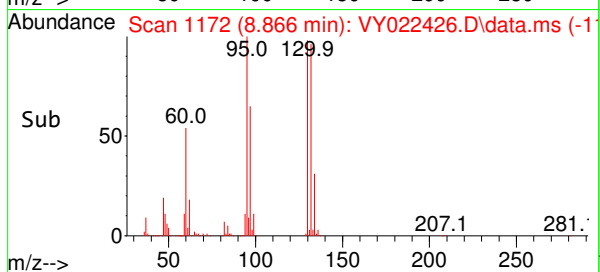
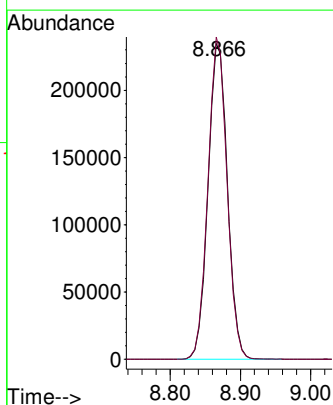
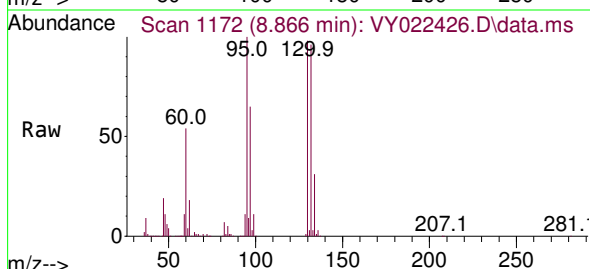
RT: 8.866 min Scan# 1172

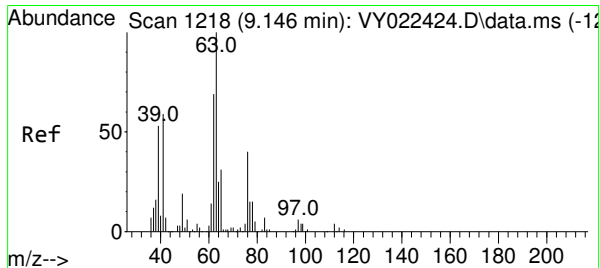
Delta R.T. 0.000 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

Tgt Ion:	130	Resp:	449921
Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	194.8





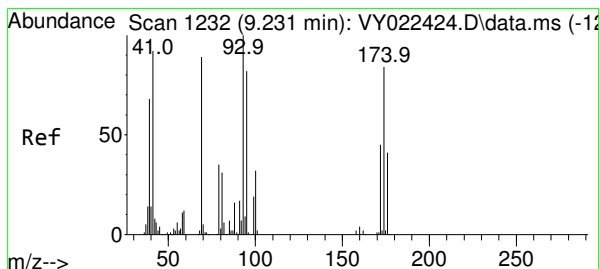
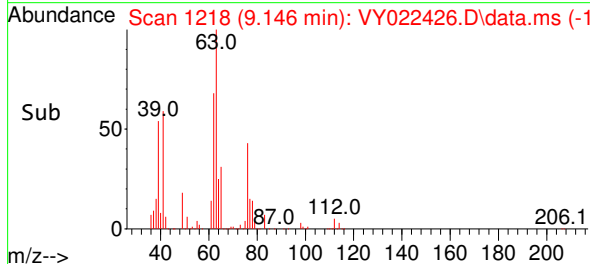
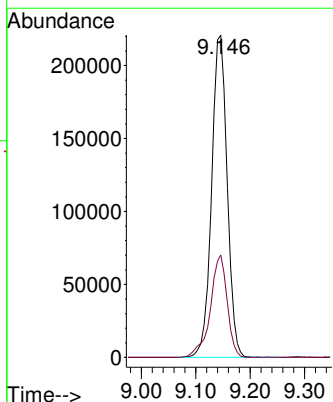
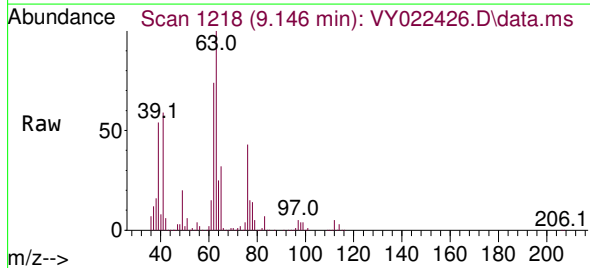
#45
1,2-Dichloropropane
Concen: 156.346 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument : MSVOA_Y
ClientSampleId : VSTDIC150

Tgt Ion: 63 Resp: 43872
Ion Ratio Lower Upper
63 100
65 31.8 25.1 37.7

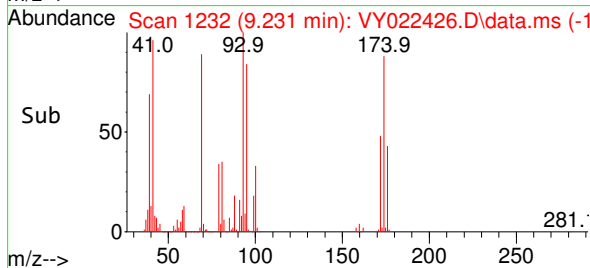
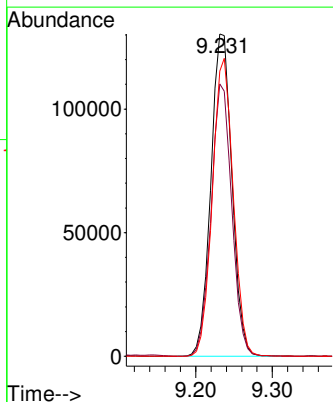
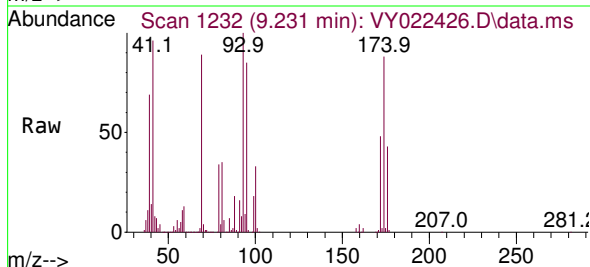
Manual Integrations
APPROVED

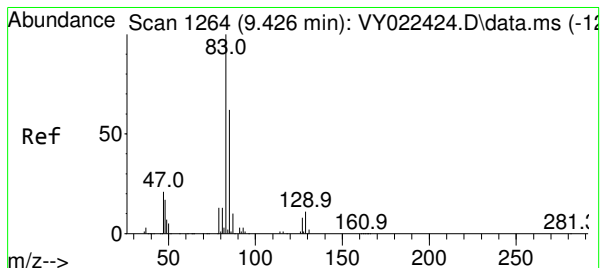
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#46
Dibromomethane
Concen: 159.252 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 93 Resp: 249636
Ion Ratio Lower Upper
93 100
95 82.7 66.2 99.2
174 91.1 71.1 106.7





#47

Bromodichloromethane

Concen: 158.668 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 63959

Ion Ratio Lower Upper

83 100

85 63.5 49.8 74.6

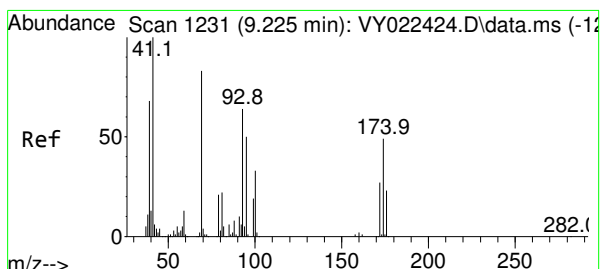
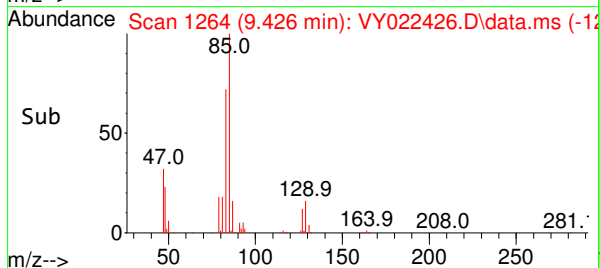
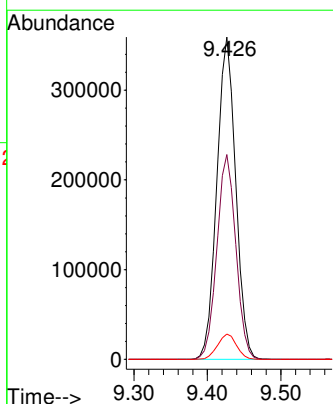
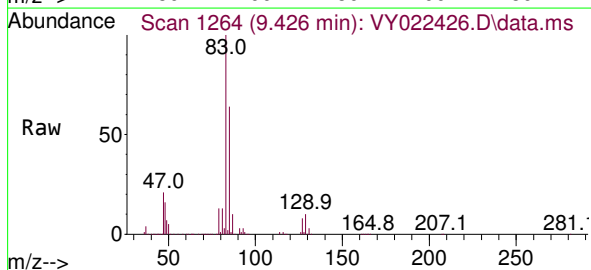
127 7.8 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#48

Methyl methacrylate

Concen: 166.922 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

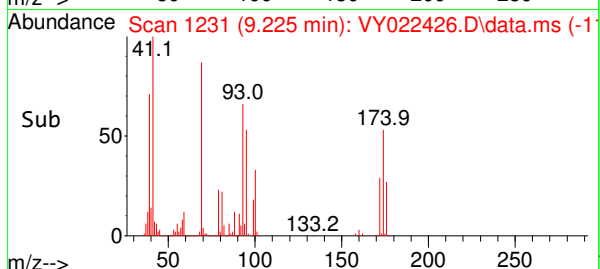
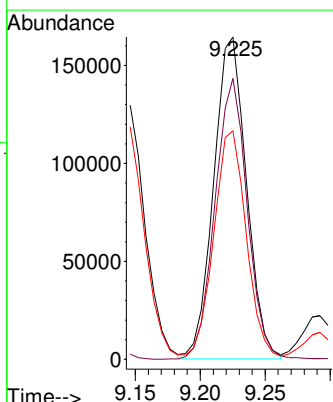
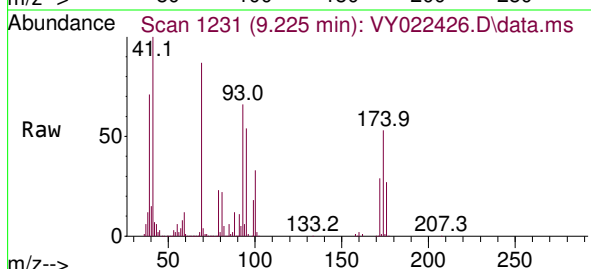
Tgt Ion: 41 Resp: 288821

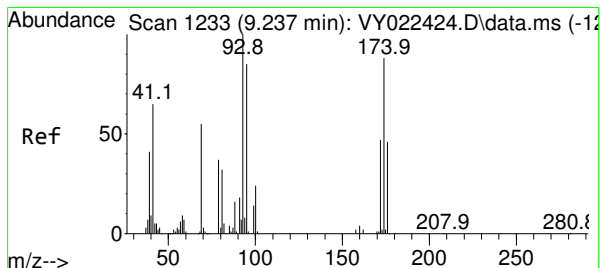
Ion Ratio Lower Upper

41 100

69 85.8 70.3 105.5

39 68.2 55.4 83.0





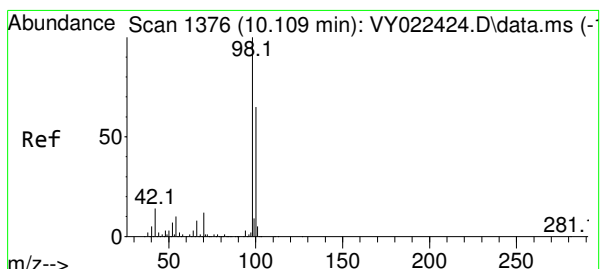
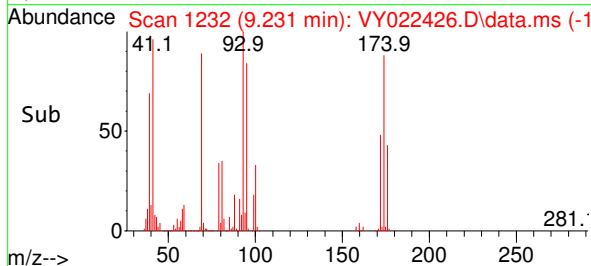
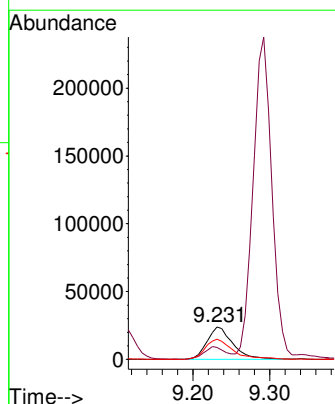
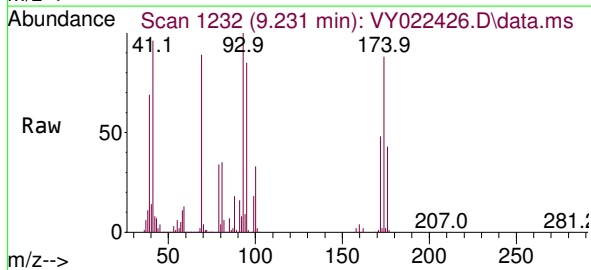
#49
1,4-Dioxane
Concen: 3228.011 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 5589
Ion Ratio Lower Upper
88 100
43 34.1 26.9 40.3
58 67.6 55.8 83.6

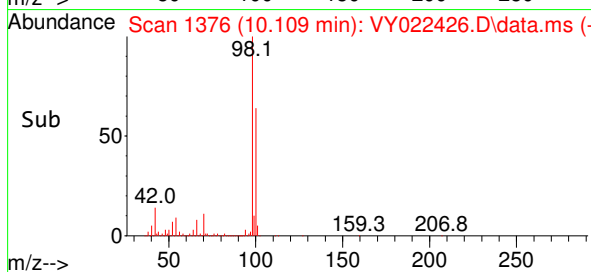
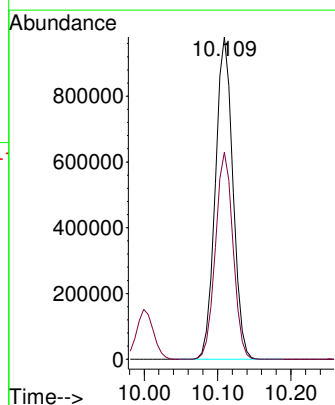
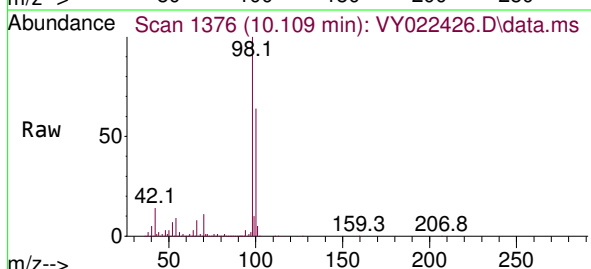
Manual Integrations
APPROVED

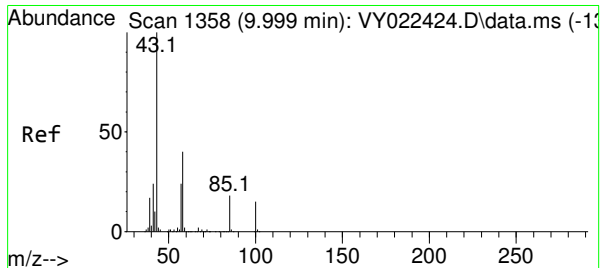
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#50
Toluene-d8
Concen: 157.262 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 98 Resp: 1621564
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2





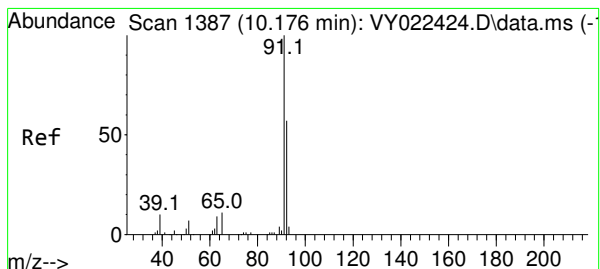
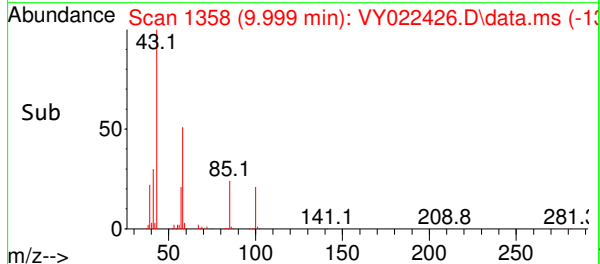
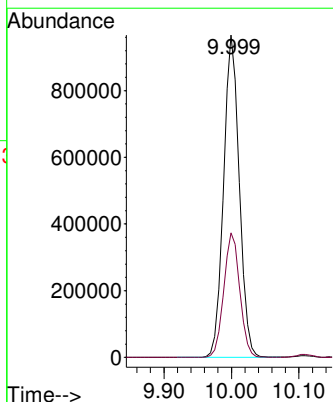
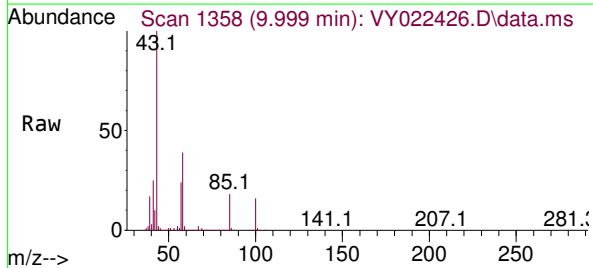
#51
4-Methyl-2-Pentanone
Concen: 851.310 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 156566
Ion Ratio Lower Upper
43 100
58 39.3 31.2 46.8

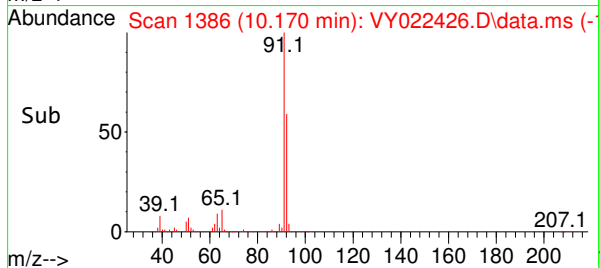
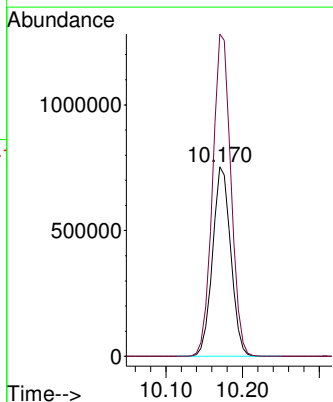
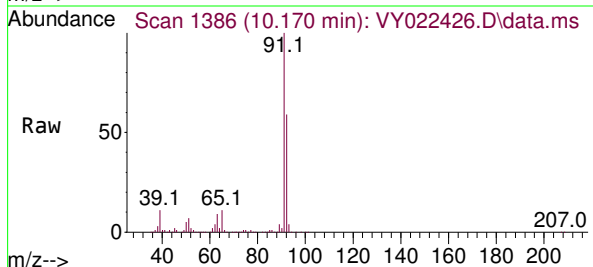
Manual Integrations
APPROVED

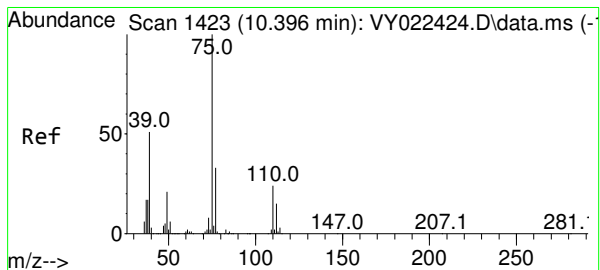
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#52
Toluene
Concen: 166.170 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 92 Resp: 1239585
Ion Ratio Lower Upper
92 100
91 171.8 139.8 209.6





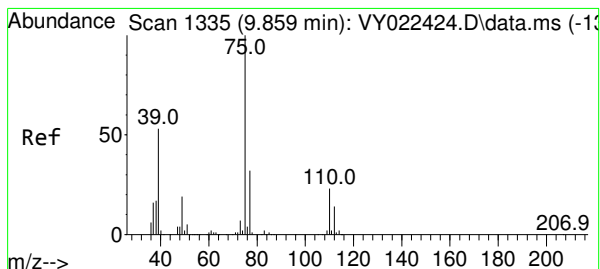
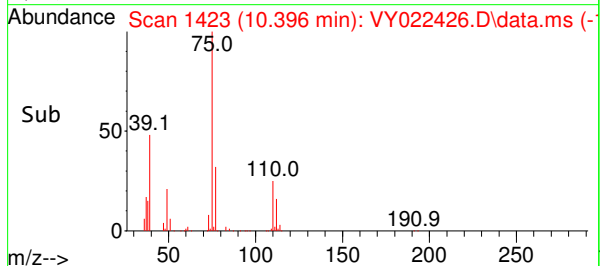
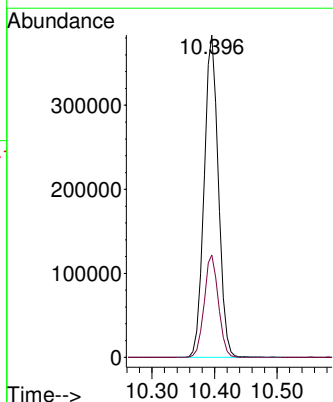
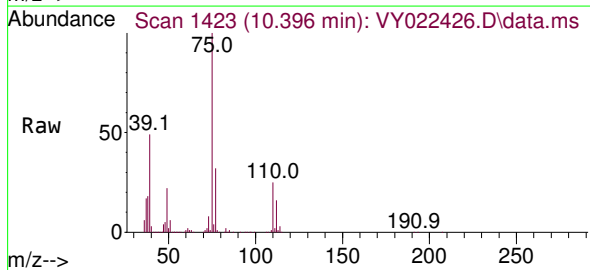
#53
t-1,3-Dichloropropene
Concen: 163.055 ug/l
RT: 10.396 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 61223
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2

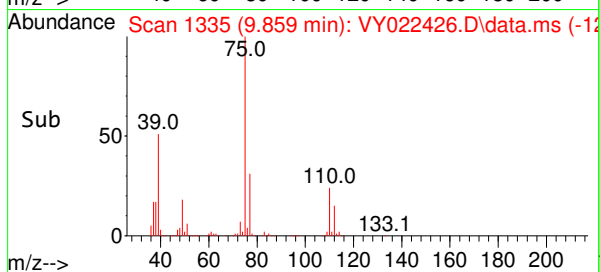
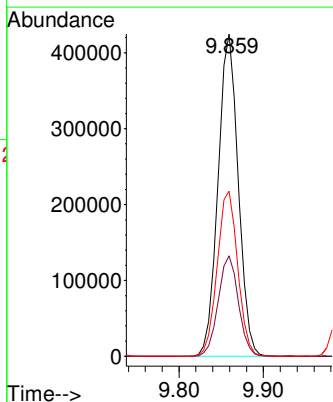
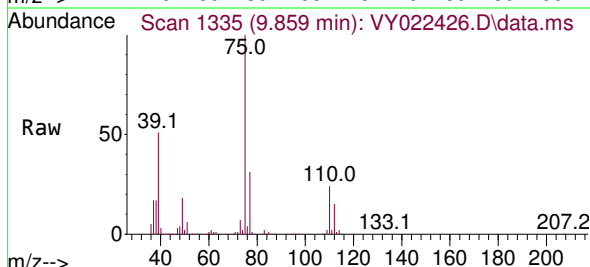
Manual Integrations
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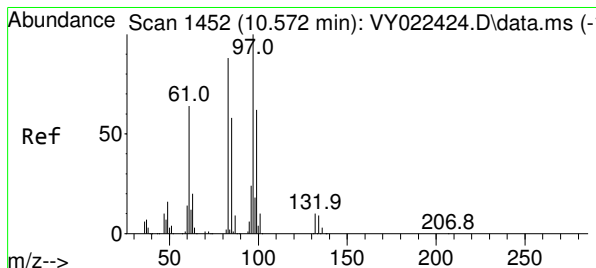
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#54
cis-1,3-Dichloropropene
Concen: 160.557 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 75 Resp: 708367
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2
39 51.2 42.5 63.7





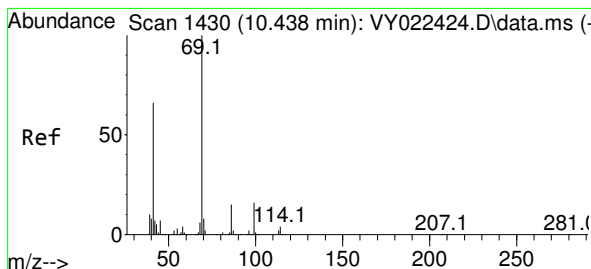
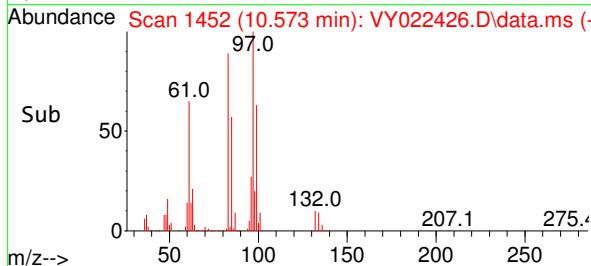
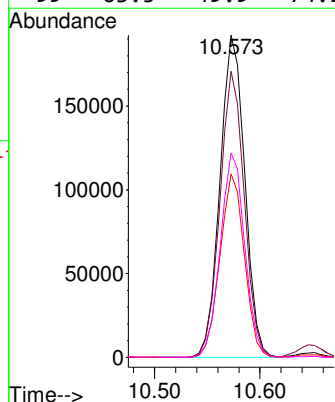
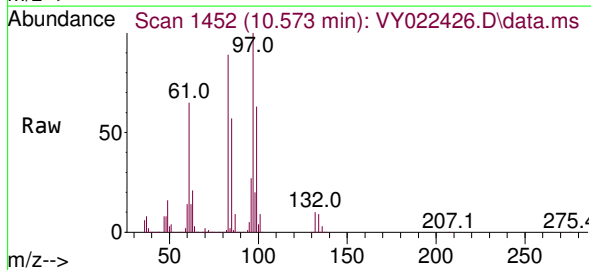
#55
1,1,2-Trichloroethane
Concen: 158.829 ug/l
RT: 10.573 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 31478
Ion Ratio Lower Upper
97 100
83 88.7 70.2 105.4
85 56.9 46.1 69.1
99 63.5 49.9 74.9

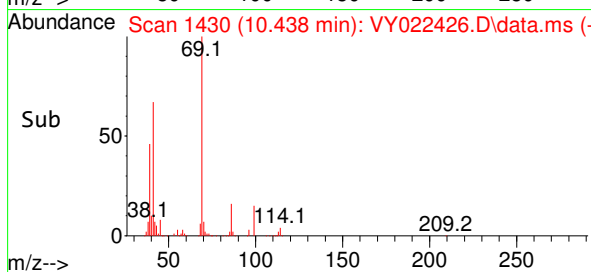
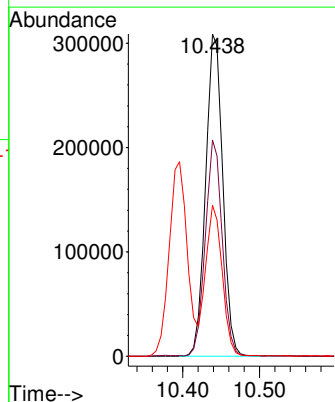
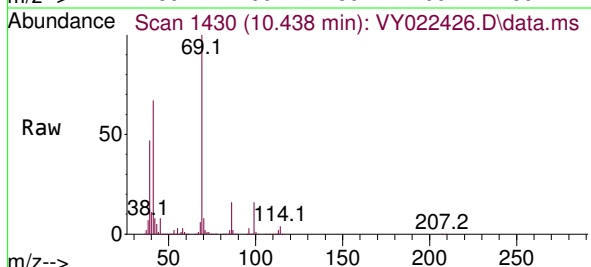
Manual Integrations
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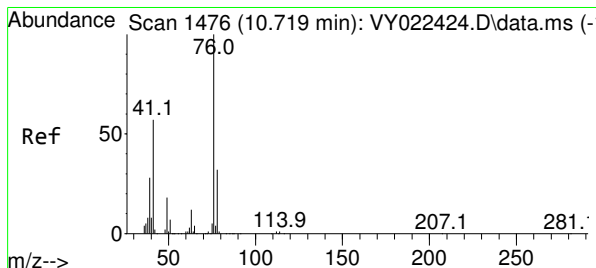
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#56
Ethyl methacrylate
Concen: 168.334 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 69 Resp: 478765
Ion Ratio Lower Upper
69 100
41 66.1 51.2 76.8
39 44.6 35.2 52.8





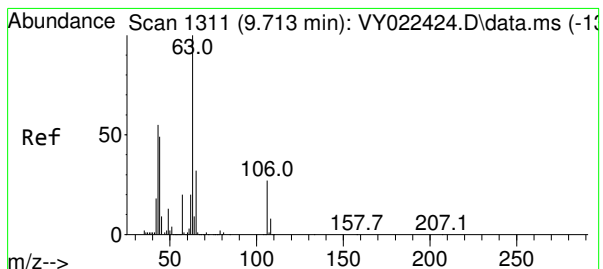
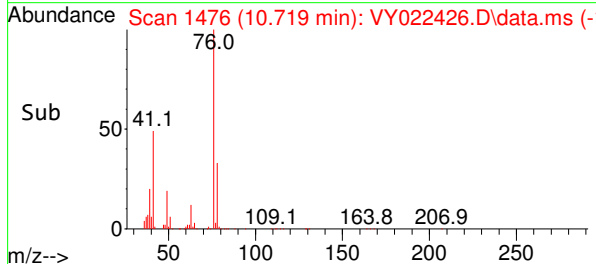
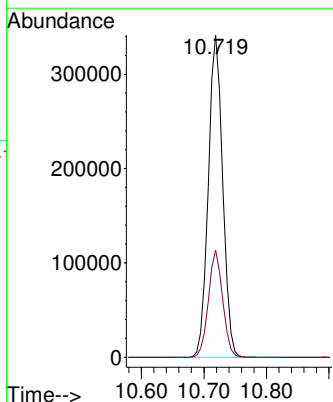
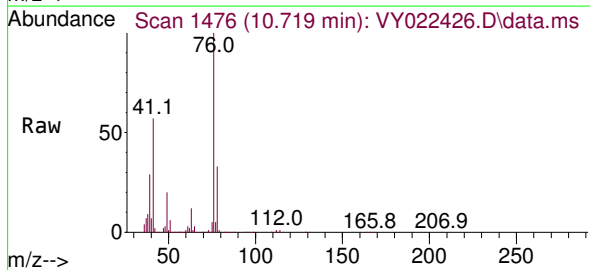
#57
 1,3-Dichloropropane
 Concen: 157.203 ug/l
 RT: 10.719 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VY022426.D
 Acq: 27 May 2025 10:44

Instrument : MSVOA_Y
 ClientSampleId : VSTDIC150

Tgt Ion: 76 Resp: 54904
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8

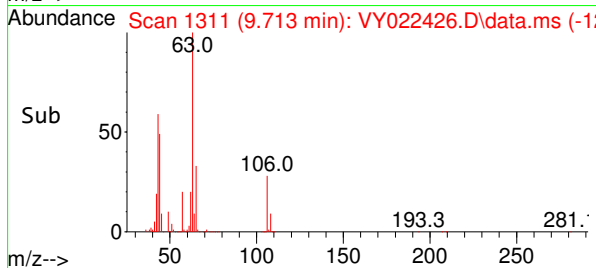
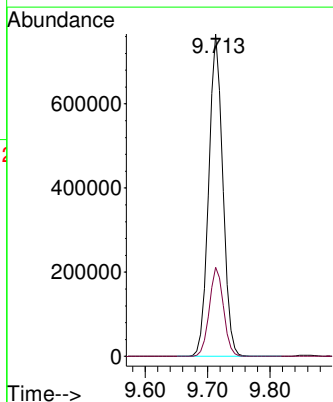
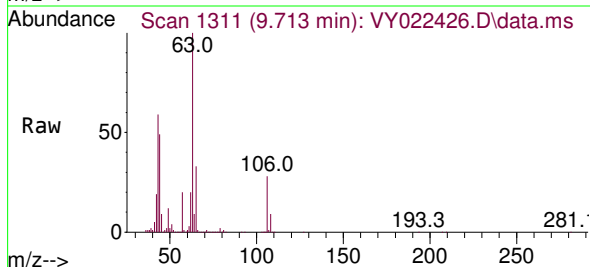
Manual Integrations
 APPROVED

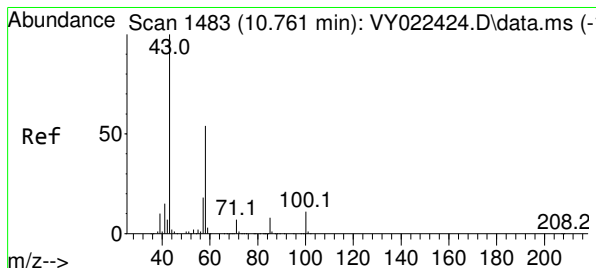
Reviewed By :Amit Patel 05/28/2025
 Supervised By :Mahesh Dadoda 05/28/2025



#58
 2-Chloroethyl Vinyl ether
 Concen: 848.088 ug/l
 RT: 9.713 min Scan# 1311
 Delta R.T. 0.000 min
 Lab File: VY022426.D
 Acq: 27 May 2025 10:44

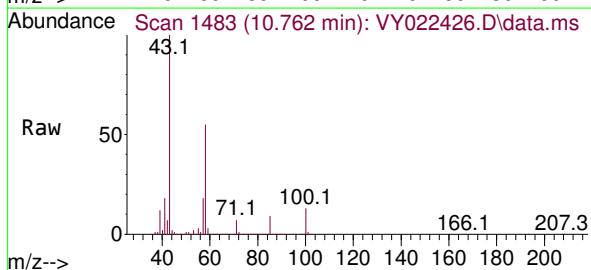
Tgt Ion: 63 Resp: 1202134
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.2 33.2





#59
2-Hexanone
Concen: 856.364 ug/l
RT: 10.762 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

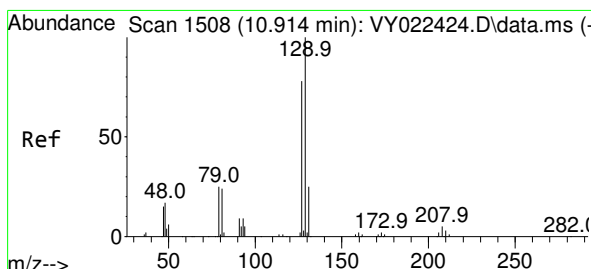
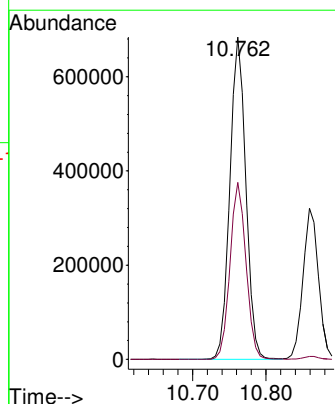
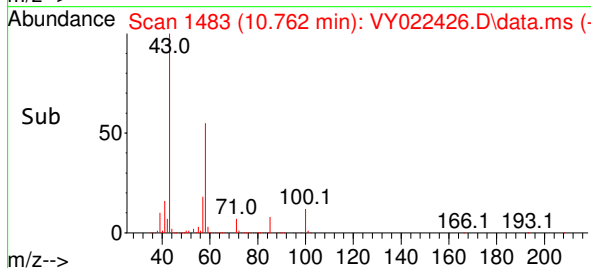
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 103214
Ion Ratio Lower Upper
43 100
58 54.9 27.1 81.2

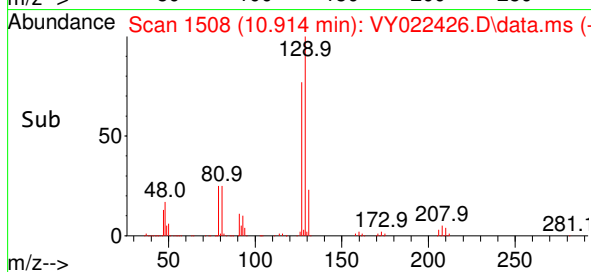
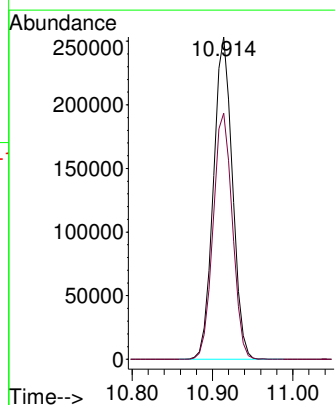
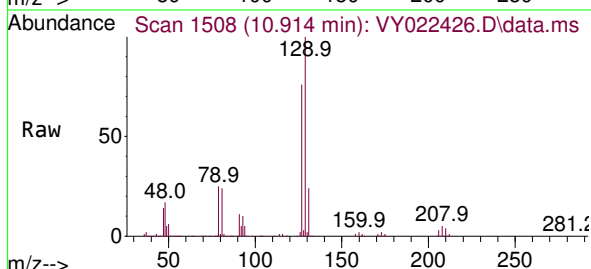
Manual Integrations
APPROVED

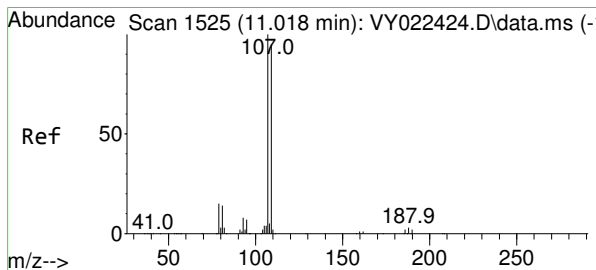
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#60
Dibromochloromethane
Concen: 164.093 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion:129 Resp: 415432
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8





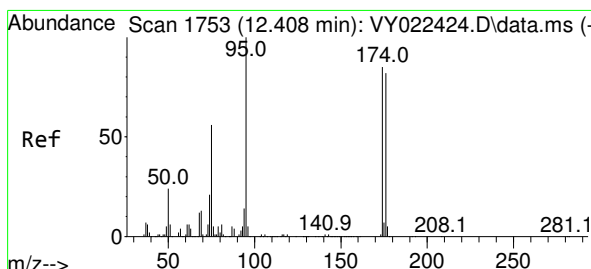
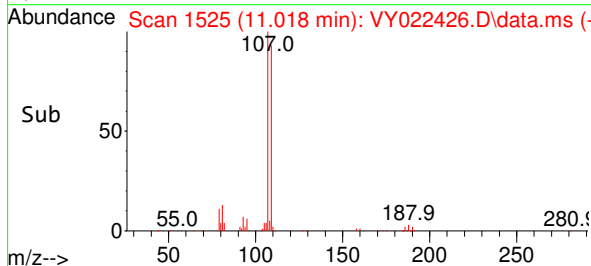
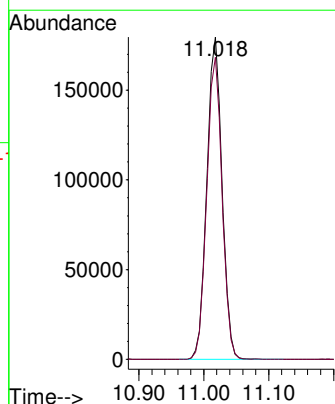
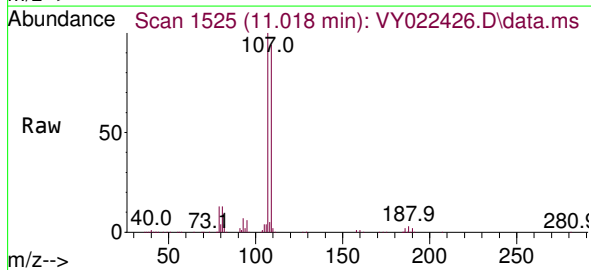
#61
1,2-Dibromoethane
Concen: 161.091 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 107 Resp: 29201
Ion Ratio Lower Upper
107 100
109 94.3 74.0 111.0

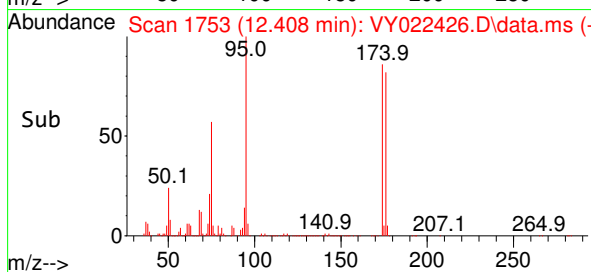
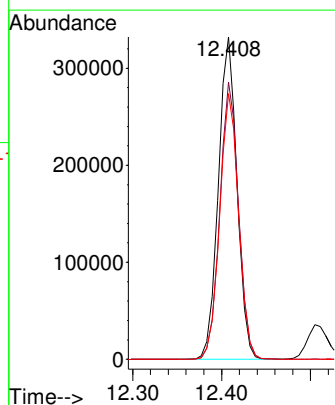
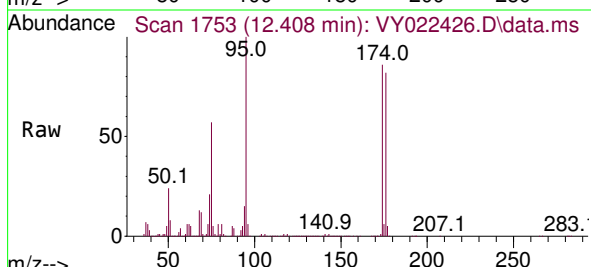
Manual Integrations
APPROVED

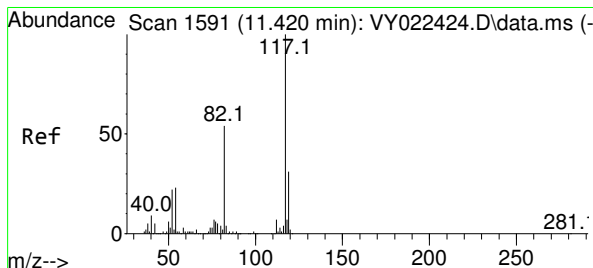
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#62
4-Bromofluorobenzene
Concen: 156.173 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 95 Resp: 487100
Ion Ratio Lower Upper
95 100
174 86.4 0.0 171.6
176 83.6 0.0 164.6





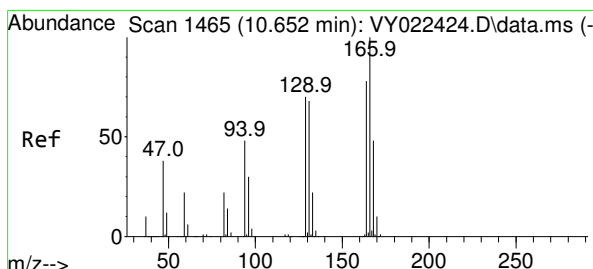
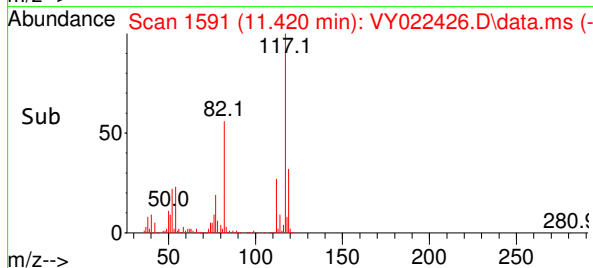
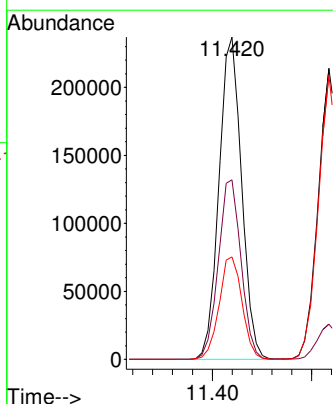
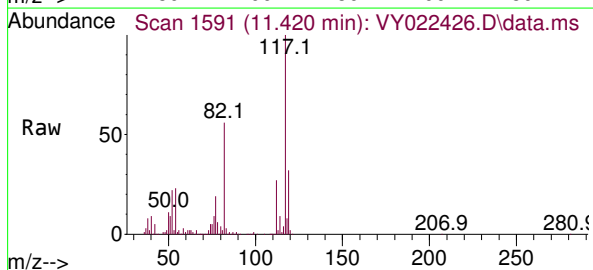
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 37660
Ion Ratio Lower Upper
117 100
82 55.7 43.3 64.9
119 31.7 24.5 36.7

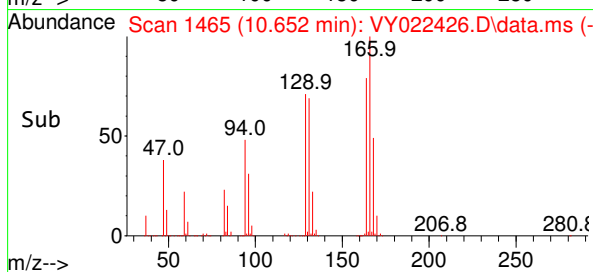
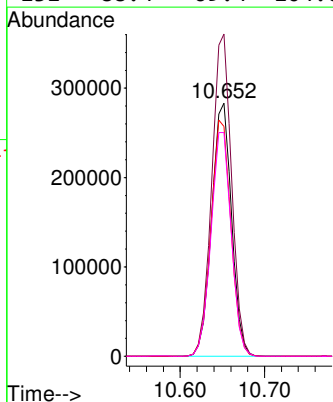
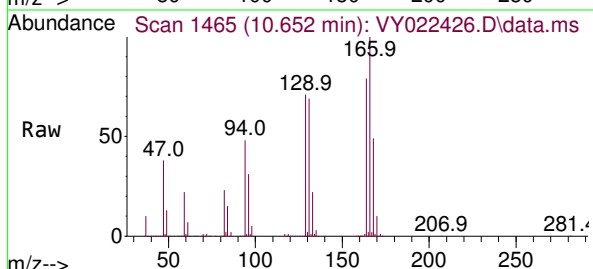
Manual Integrations
APPROVED

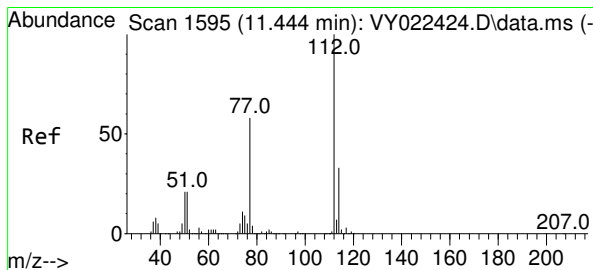
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#64
Tetrachloroethene
Concen: 145.442 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion:164 Resp: 466490
Ion Ratio Lower Upper
164 100
166 127.3 102.0 153.0
129 90.7 71.3 106.9
131 88.4 69.4 104.0





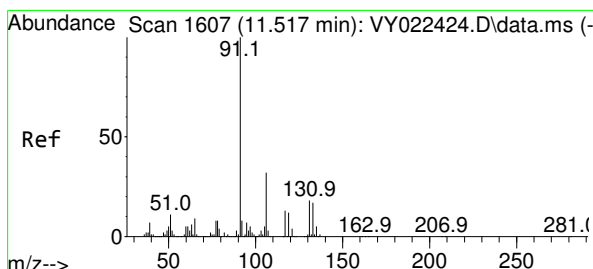
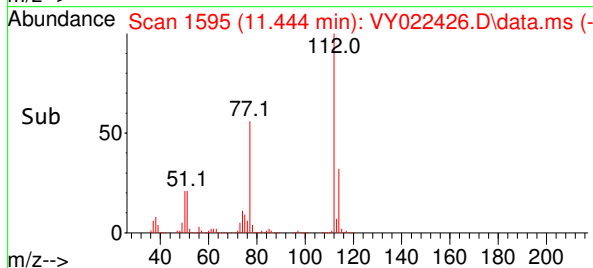
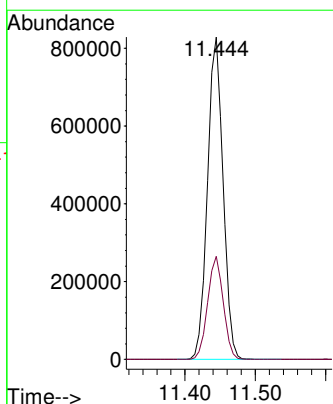
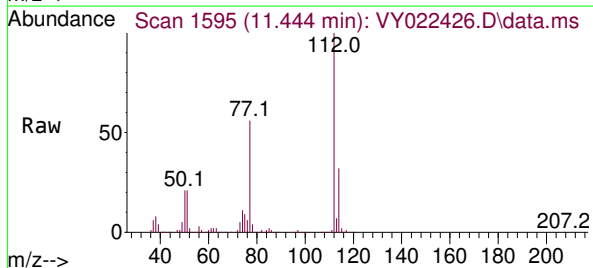
#65
Chlorobenzene
Concen: 158.560 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument : MSVOA_Y
ClientSampleId : VSTDIC150

Tgt Ion:112 Resp: 127336
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1

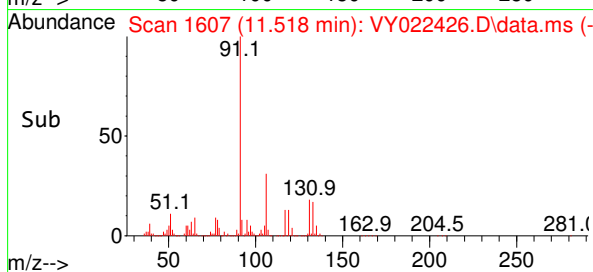
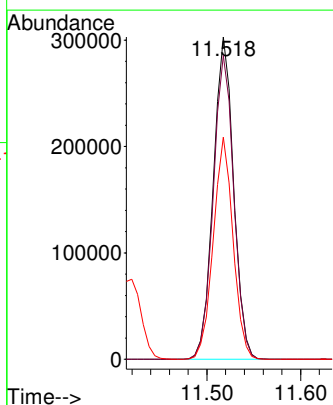
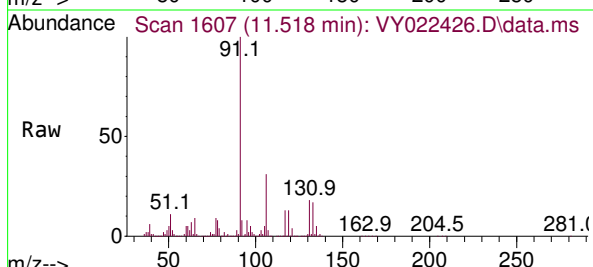
Manual Integrations
APPROVED

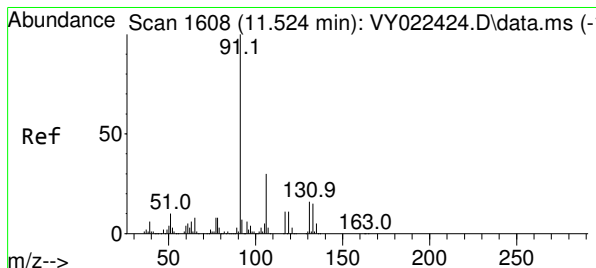
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 166.998 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion:131 Resp: 454374
Ion Ratio Lower Upper
131 100
133 95.4 46.6 139.8
119 67.3 33.3 99.8





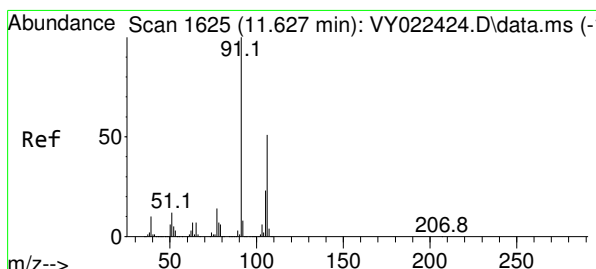
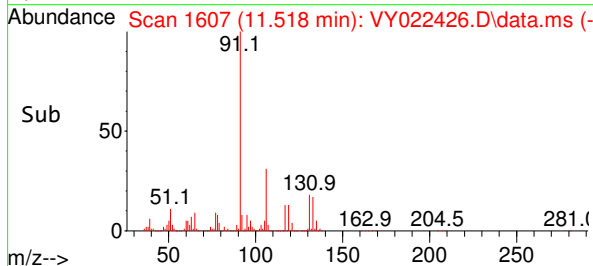
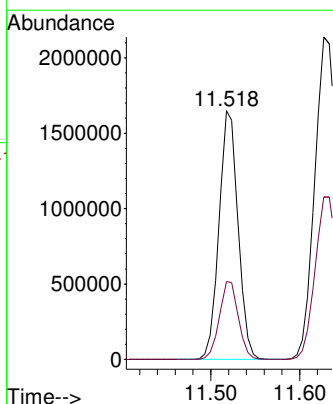
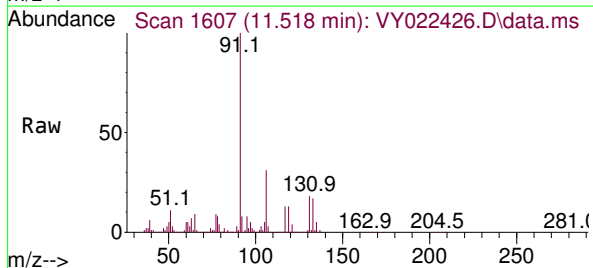
#67
Ethyl Benzene
Concen: 165.526 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument : MSVOA_Y
ClientSampleId : VSTDIC150

Tgt Ion: 91 Resp: 246813
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6

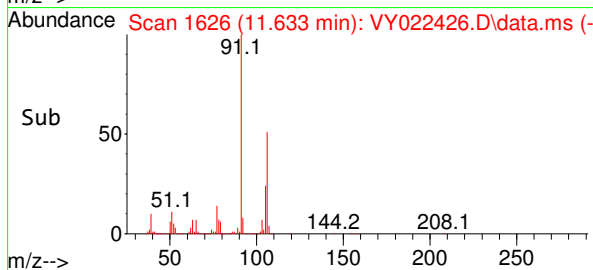
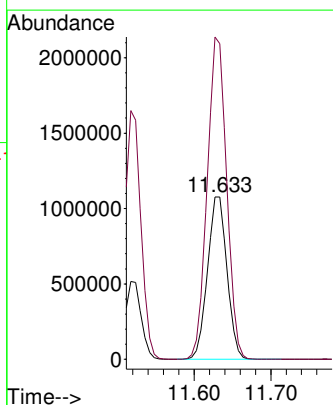
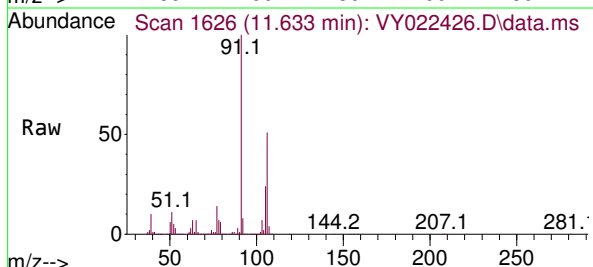
Manual Integrations
APPROVED

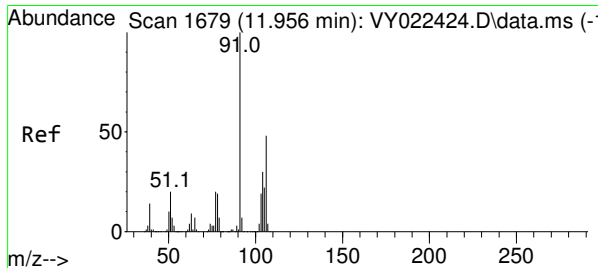
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#68
m/p-Xylenes
Concen: 336.111 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion:106 Resp: 1900132
Ion Ratio Lower Upper
106 100
91 198.3 159.8 239.8





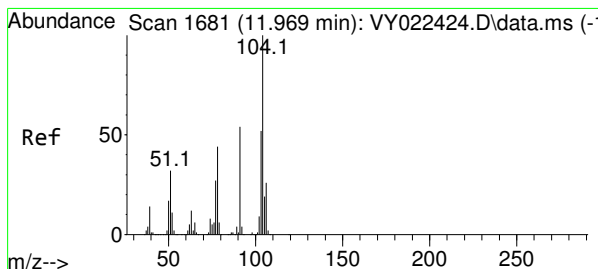
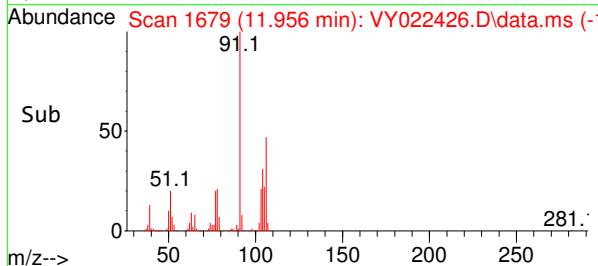
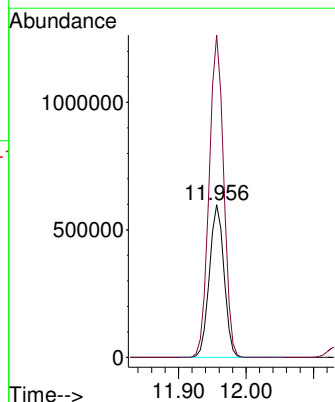
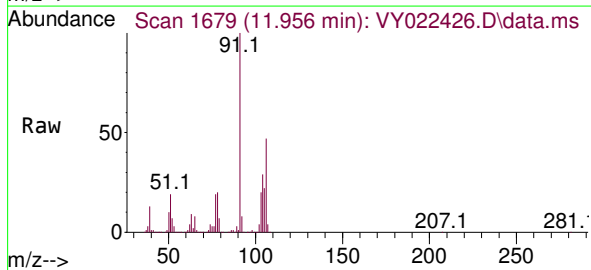
#69
o-Xylene
Concen: 168.335 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument : MSVOA_Y
ClientSampleId : VSTDIC150

Tgt Ion:106 Resp: 89439
Ion Ratio Lower Upper
106 100
91 210.6 106.3 318.9

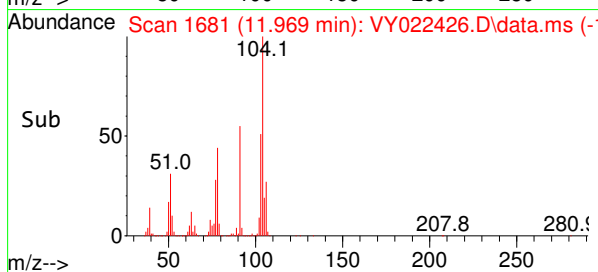
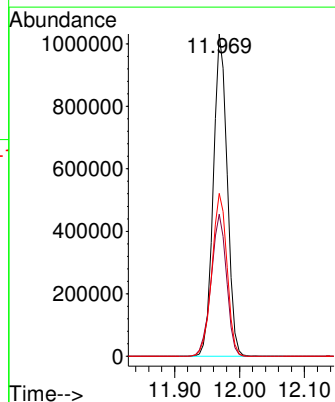
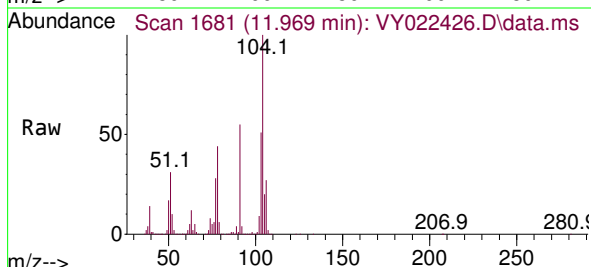
Manual Integrations
APPROVED

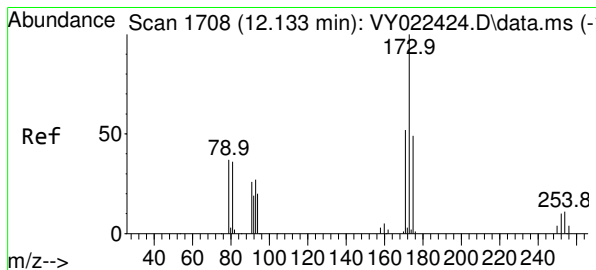
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#70
Styrene
Concen: 173.504 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion:104 Resp: 1535004
Ion Ratio Lower Upper
104 100
78 48.8 38.8 58.2
103 54.9 43.4 65.2





#71

Bromoform

Concen: 166.508 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 23736

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.6

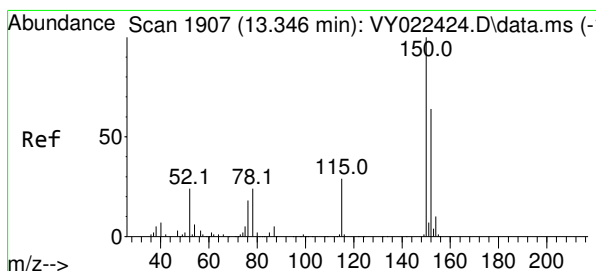
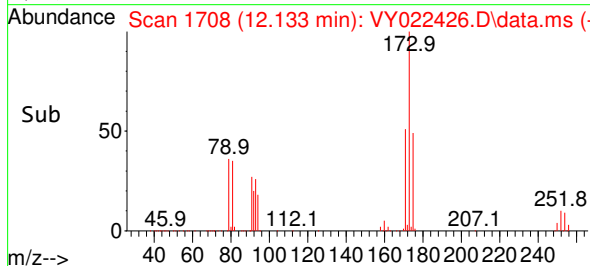
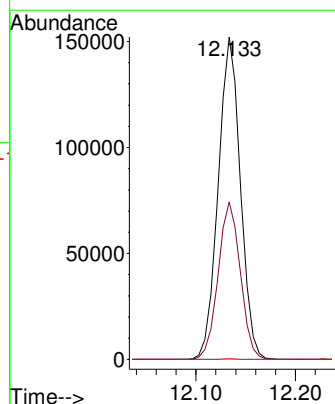
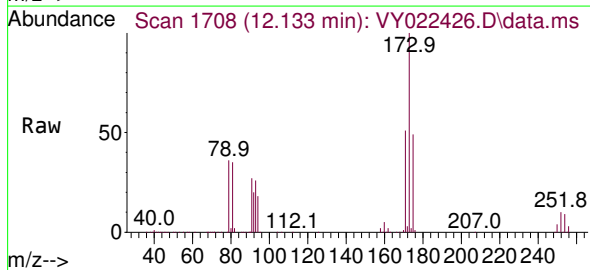
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

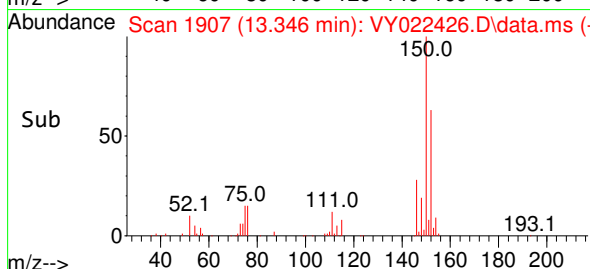
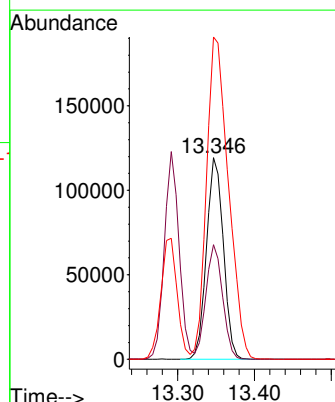
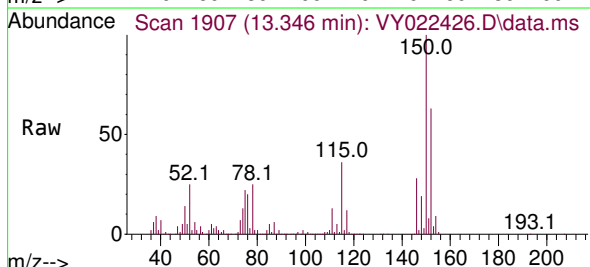
Tgt Ion:152 Resp: 182671

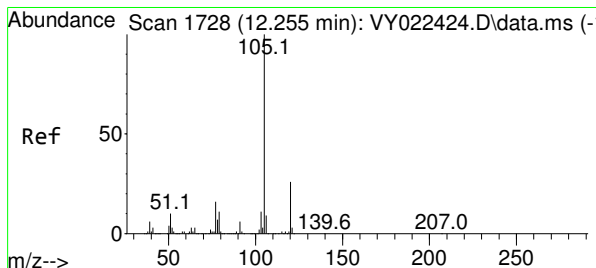
Ion Ratio Lower Upper

152 100

115 55.8 28.4 85.3

150 206.8 0.0 345.8





#73

Isopropylbenzene

Concen: 155.735 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 223898

Ion Ratio Lower Upper

105 100

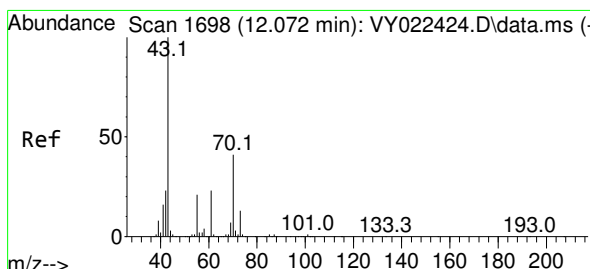
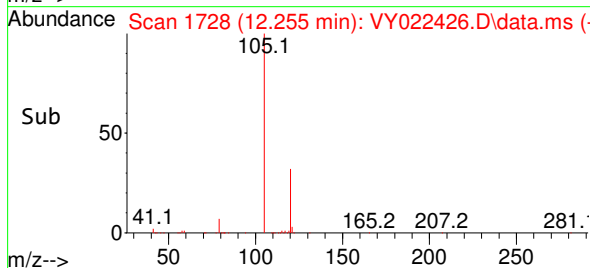
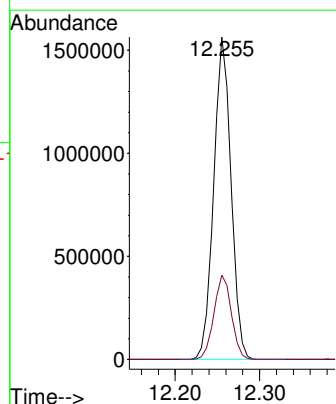
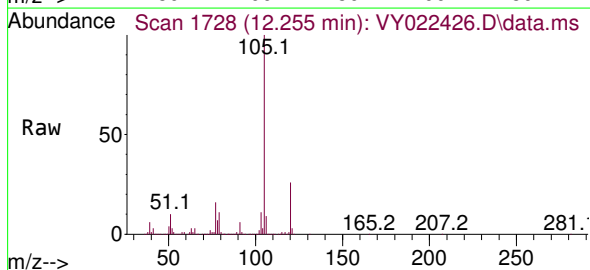
120 26.3 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#74

N-ethyl acetate

Concen: 159.709 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

Tgt Ion: 43 Resp: 561846

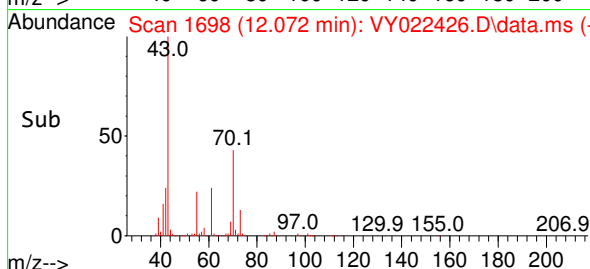
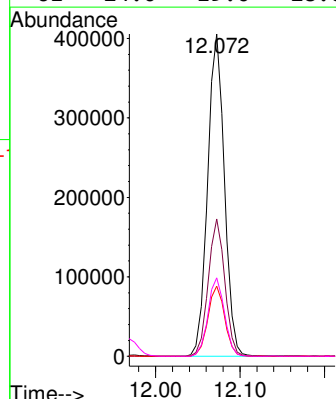
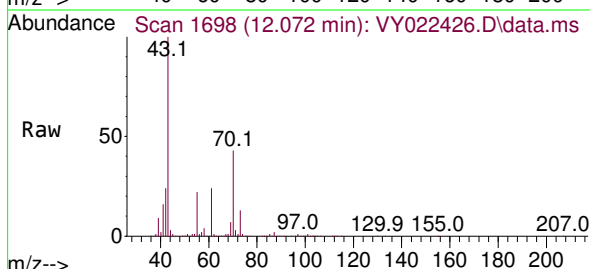
Ion Ratio Lower Upper

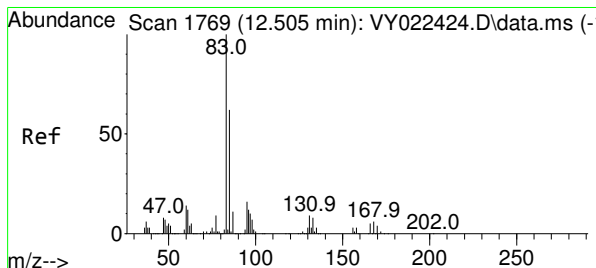
43 100

70 42.0 33.0 49.4

55 22.1 17.5 26.3

61 24.0 19.0 28.6





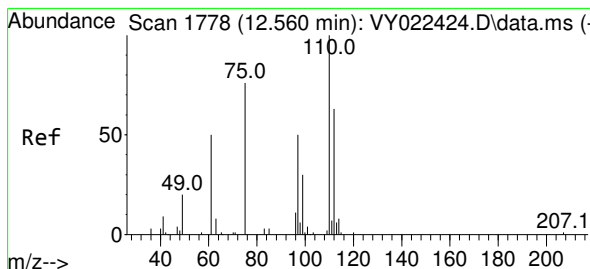
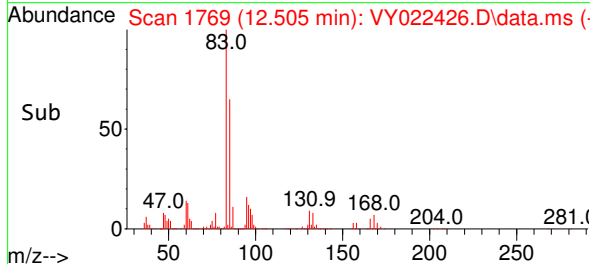
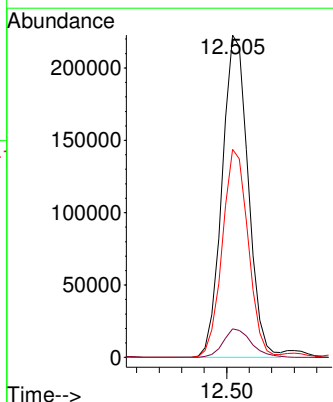
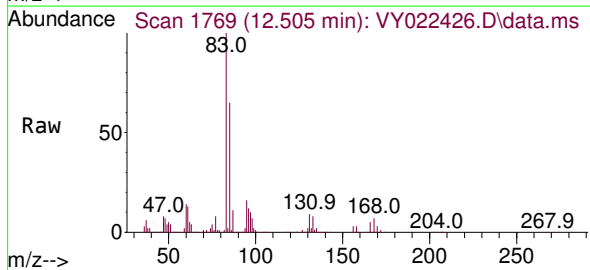
#75
1,1,2,2-Tetrachloroethane
Concen: 157.873 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 35766
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.2 32.0 96.2

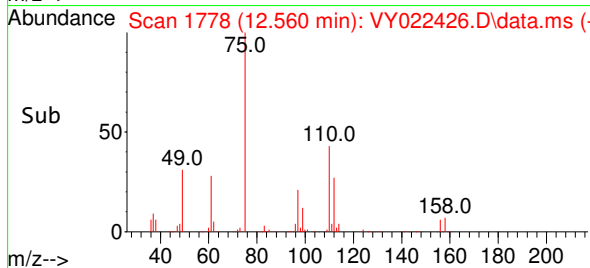
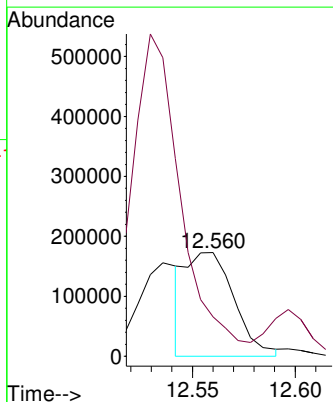
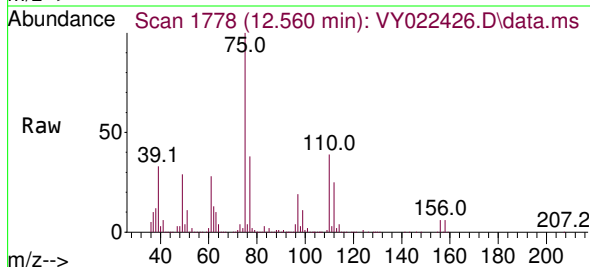
Manual Integrations
APPROVED

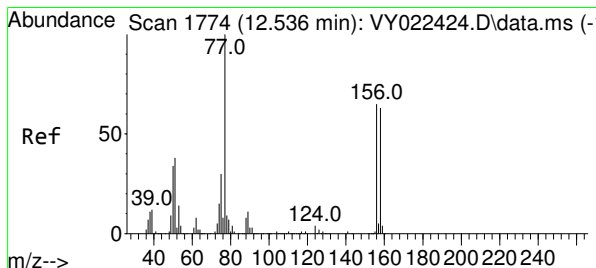
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#76
1,2,3-Trichloropropane
Concen: 93.124 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 75 Resp: 280272
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 156.697 ug/l

RT: 12.530 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:156 Resp: 48479

Ion Ratio Lower Upper

156 100

77 186.6 91.4 274.2

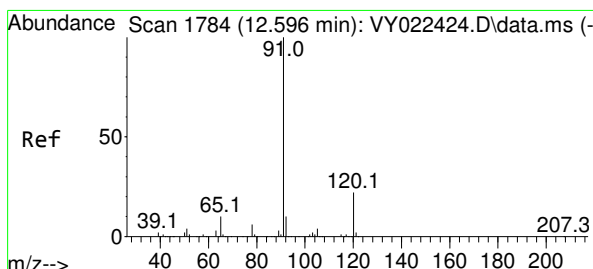
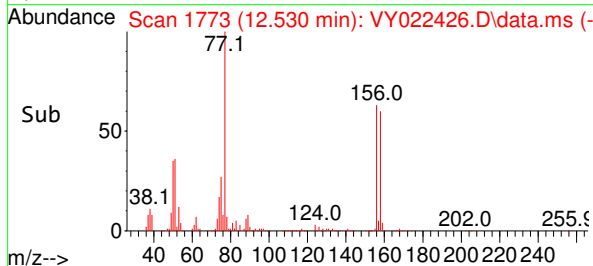
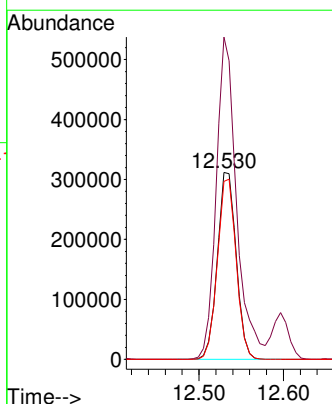
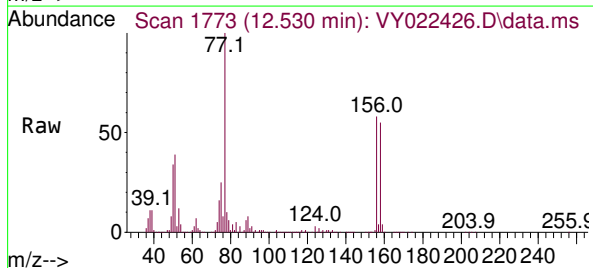
158 96.3 48.1 144.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#78

n-propylbenzene

Concen: 155.406 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022426.D

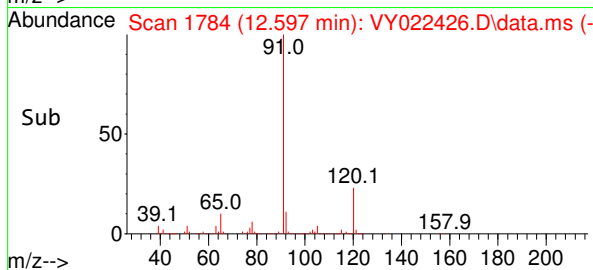
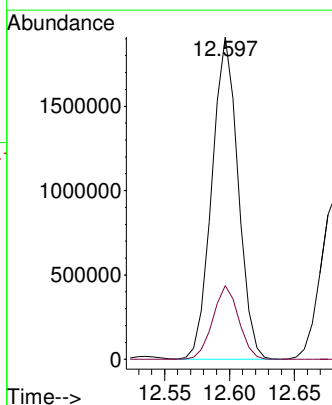
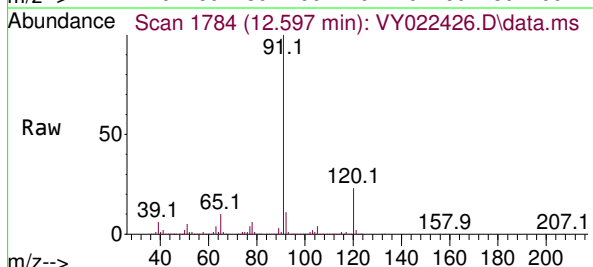
Acq: 27 May 2025 10:44

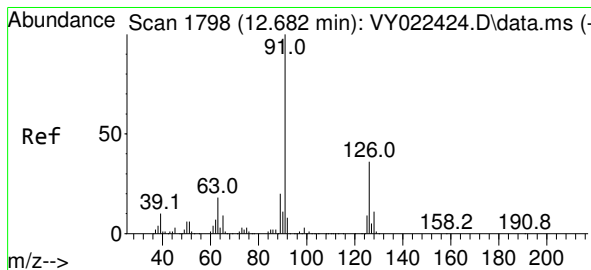
Tgt Ion: 91 Resp: 2681276

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.5





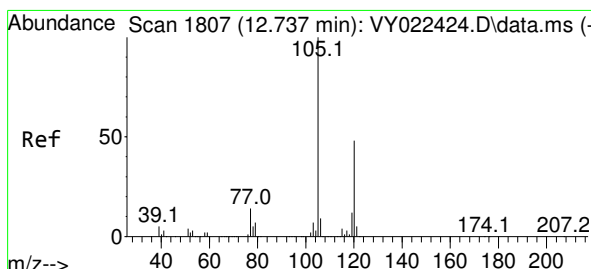
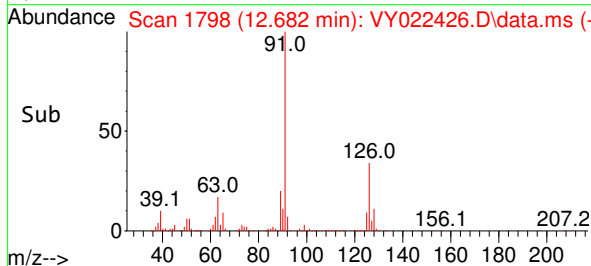
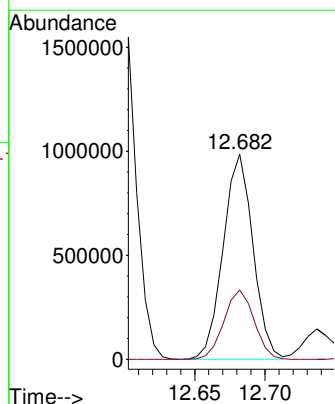
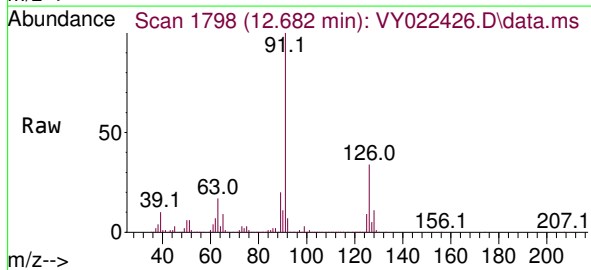
#79
2-Chlorotoluene
Concen: 155.407 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 145143
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.3

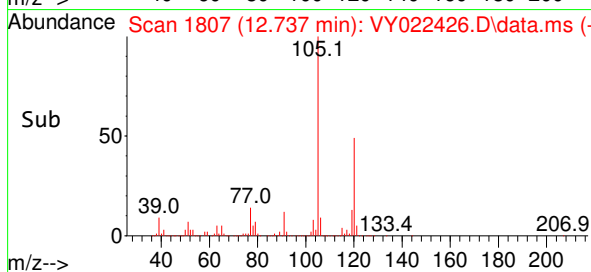
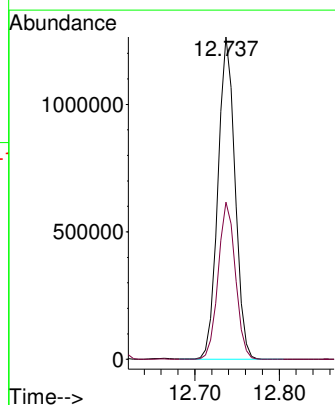
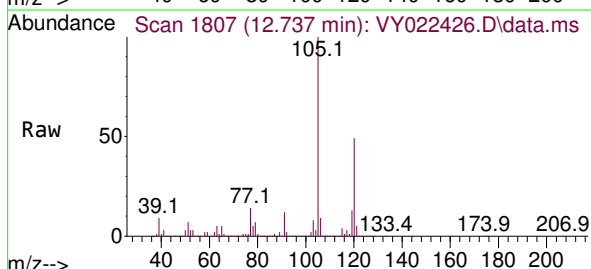
Manual Integrations
APPROVED

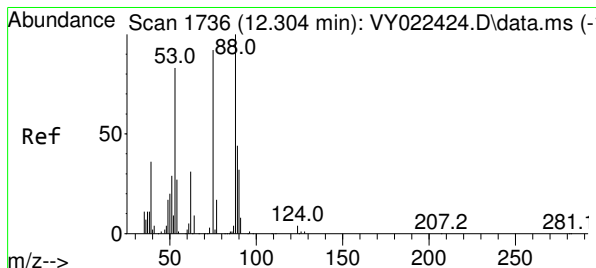
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 158.958 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion:105 Resp: 1785622
Ion Ratio Lower Upper
105 100
120 49.1 24.3 73.0





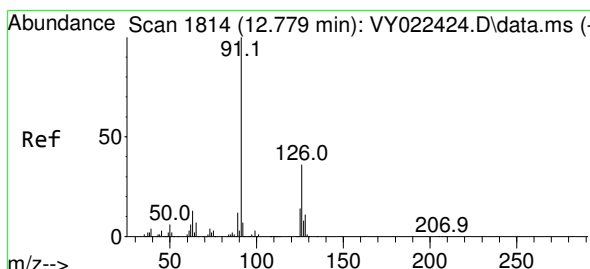
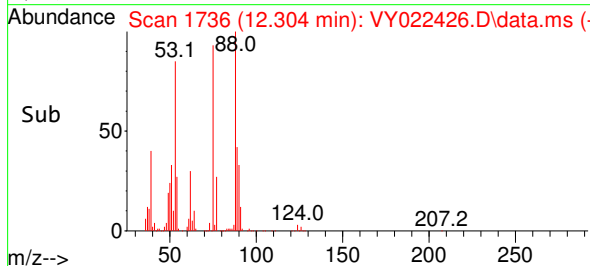
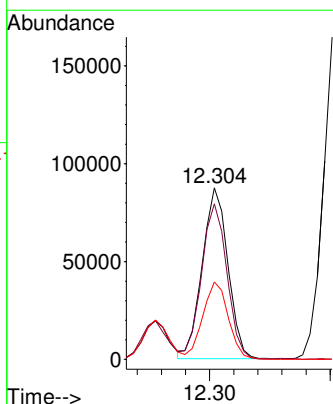
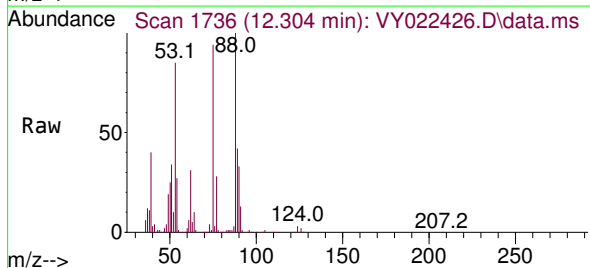
#81
trans-1,4-Dichloro-2-butene
Concen: 160.016 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 12946
Ion Ratio Lower Upper
75 100
53 89.5 75.1 112.7
89 44.7 37.4 56.6

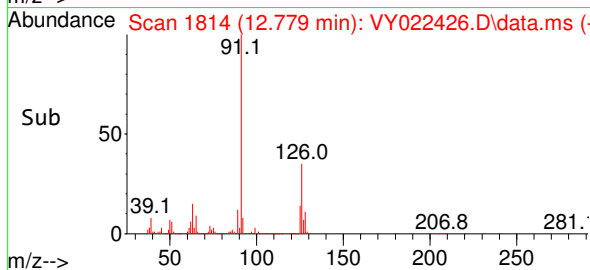
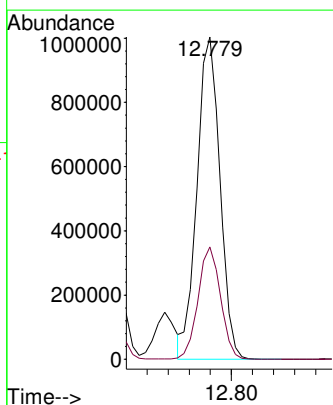
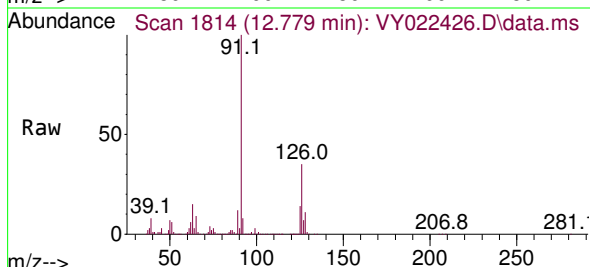
Manual Integrations
APPROVED

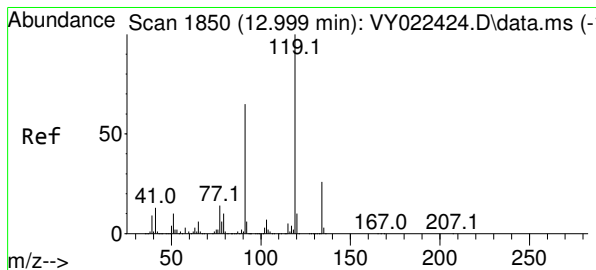
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#82
4-Chlorotoluene
Concen: 157.395 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 91 Resp: 1513977
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





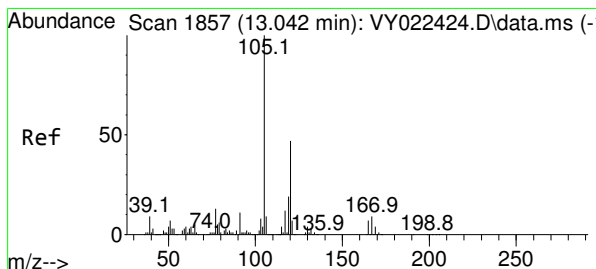
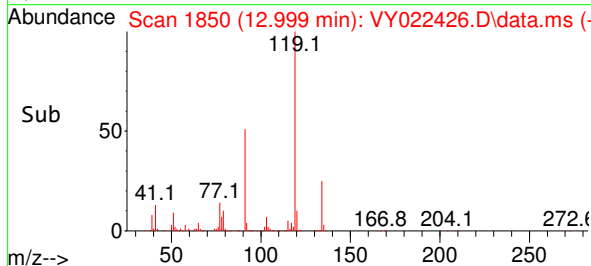
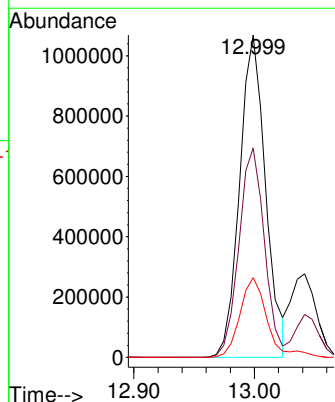
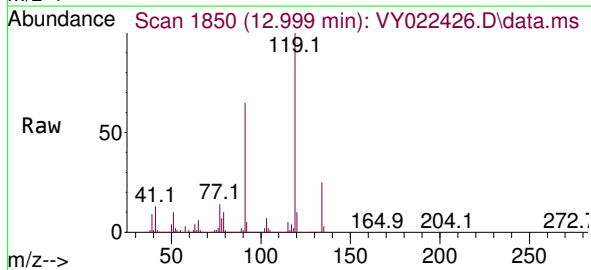
#83
tert-Butylbenzene
Concen: 157.076 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 159419
Ion Ratio Lower Upper
119 100
91 63.9 31.8 95.3
134 26.0 13.0 38.9

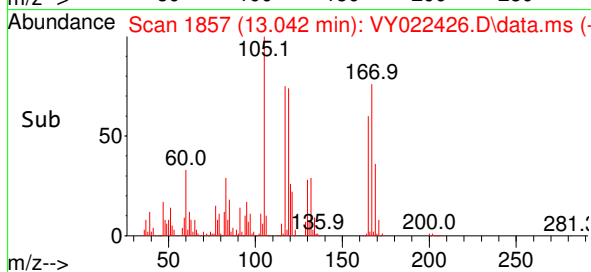
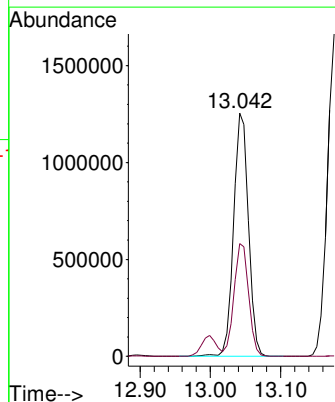
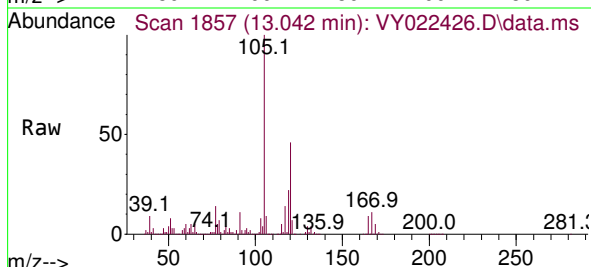
Manual Integrations
APPROVED

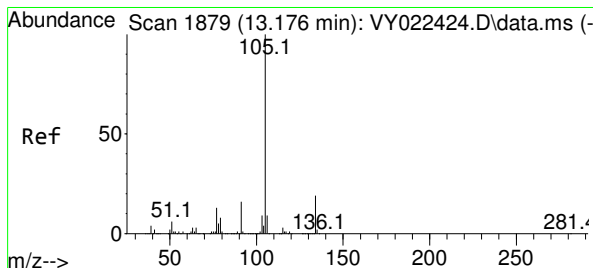
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 162.038 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion:105 Resp: 1831722
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 157.674 ug/l

RT: 13.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 237321

Ion Ratio Lower Upper

105 100

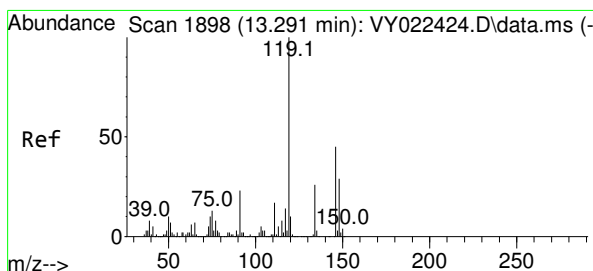
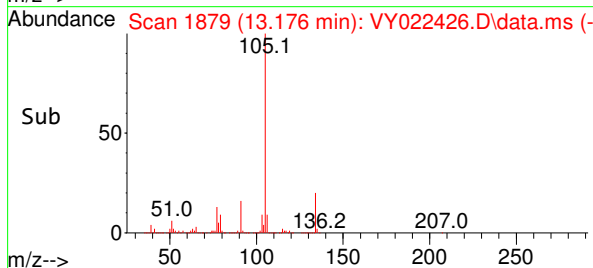
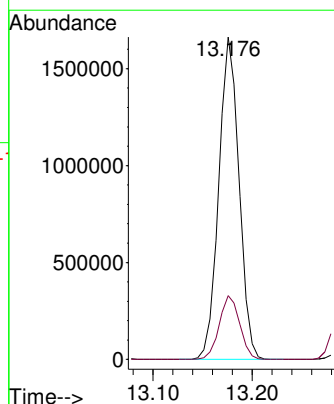
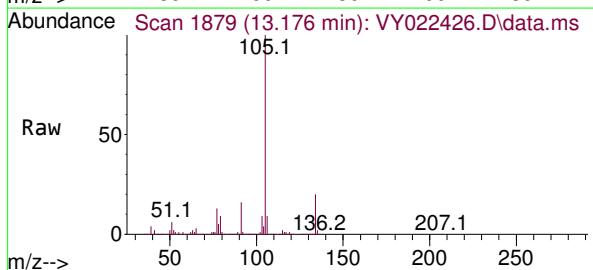
134 20.0 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#86

p-Isopropyltoluene

Concen: 165.843 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

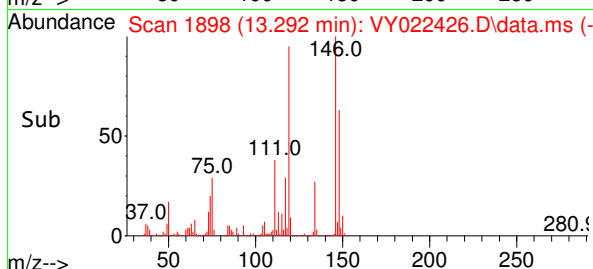
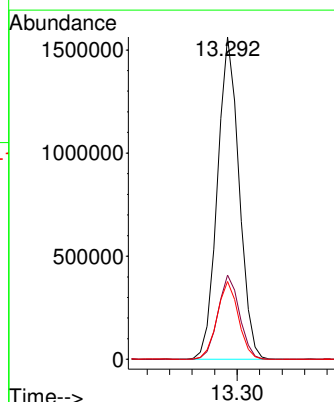
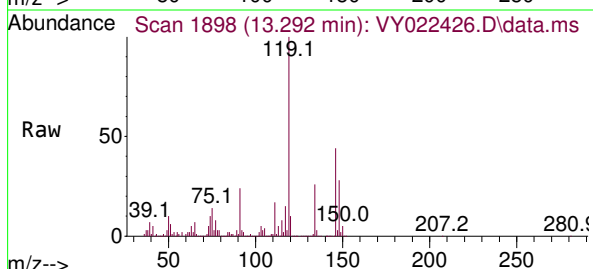
Tgt Ion:119 Resp: 2084441

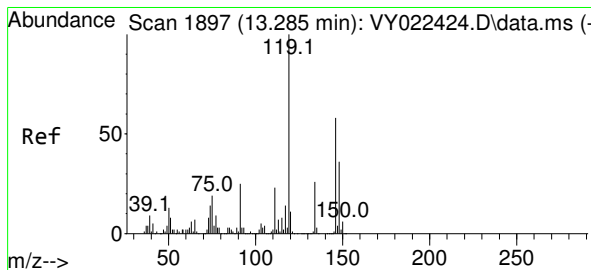
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 23.8 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 164.991 ug/l

RT: 13.292 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 102708

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

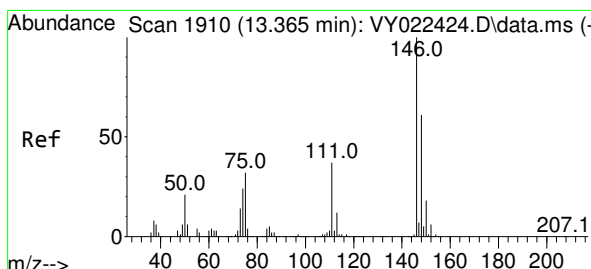
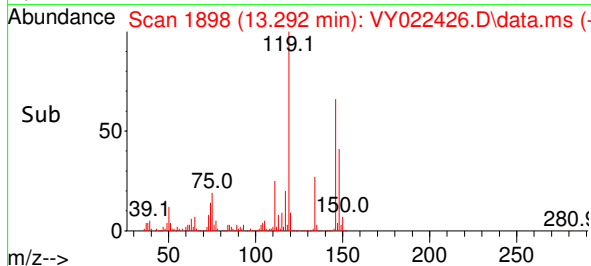
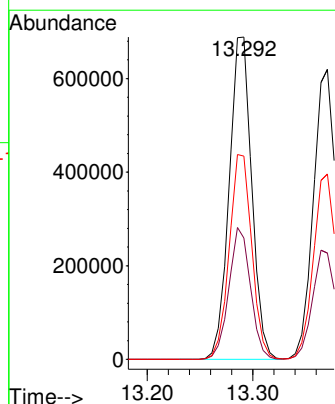
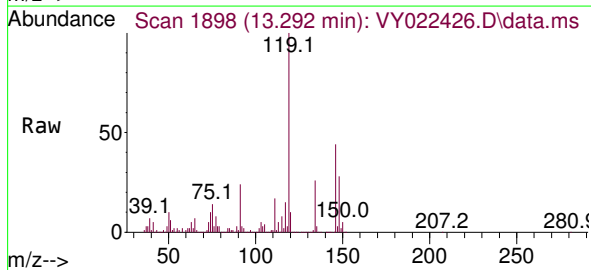
148 63.6 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#88

1,4-Dichlorobenzene

Concen: 155.292 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

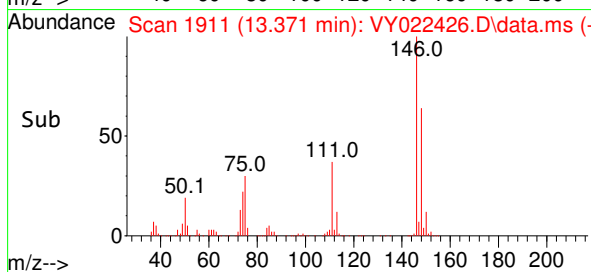
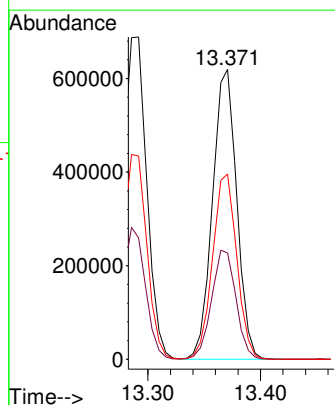
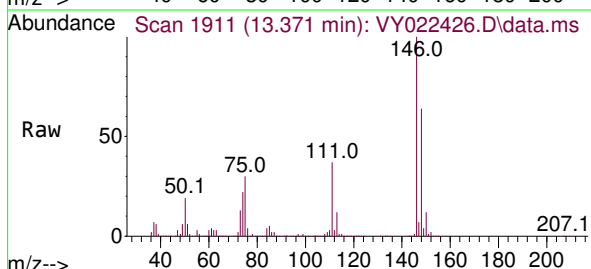
Tgt Ion:146 Resp: 924346

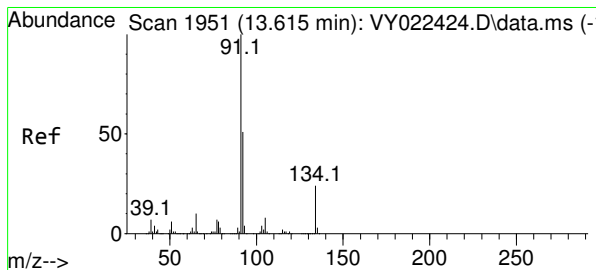
Ion Ratio Lower Upper

146 100

111 37.9 18.7 56.1

148 64.0 31.4 94.3





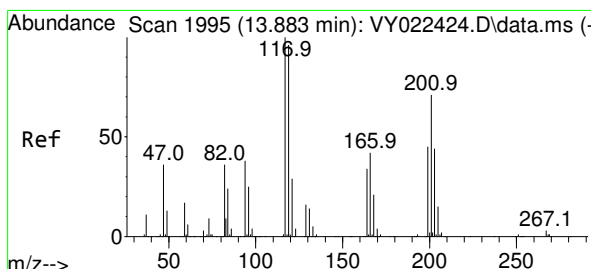
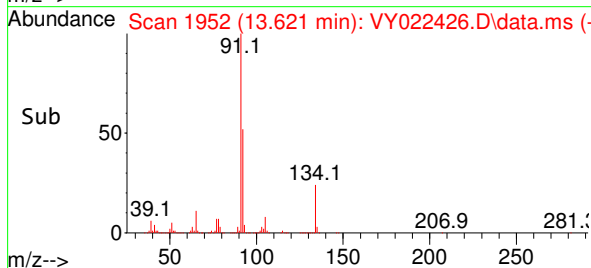
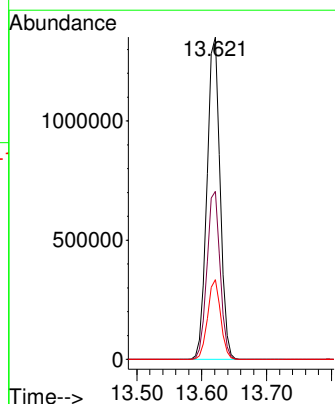
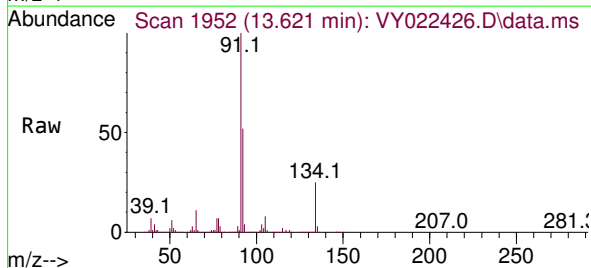
#89
n-Butylbenzene
Concen: 160.316 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument : MSVOA_Y
ClientSampleId : VSTDICC150

Tgt Ion:	91	Resp:	188927
Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.9	77.6
134	24.5	12.4	37.6

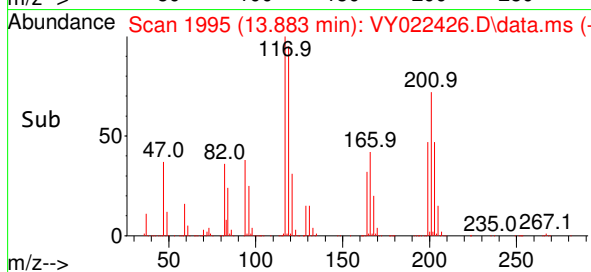
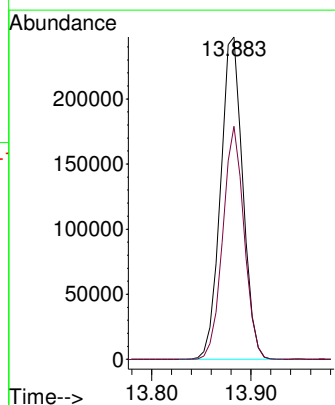
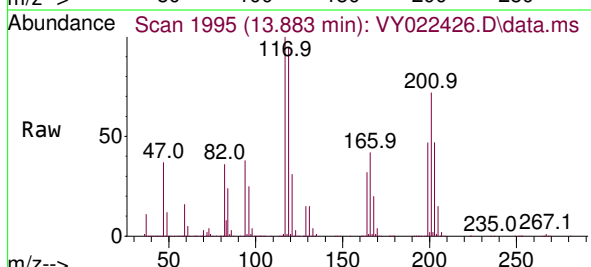
Manual Integrations
APPROVED

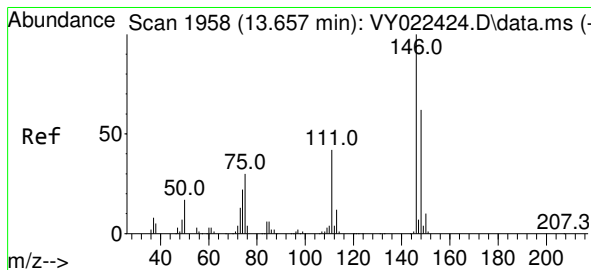
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#90
Hexachloroethane
Concen: 154.660 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion:	117	Resp:	386833
Ion	Ratio	Lower	Upper
117	100		
201	69.4	35.0	105.0





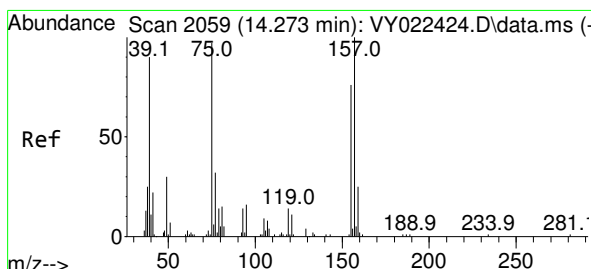
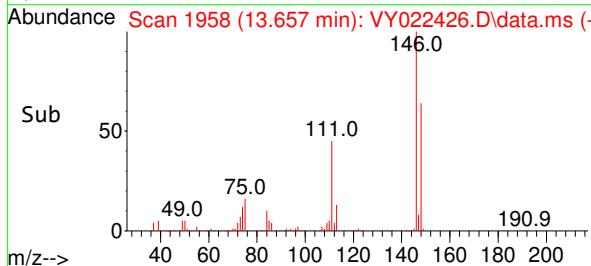
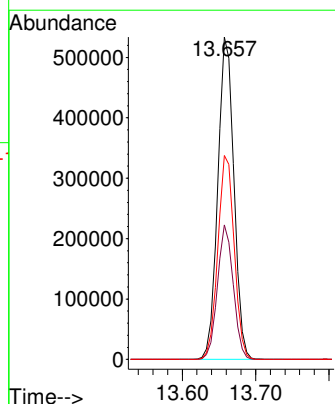
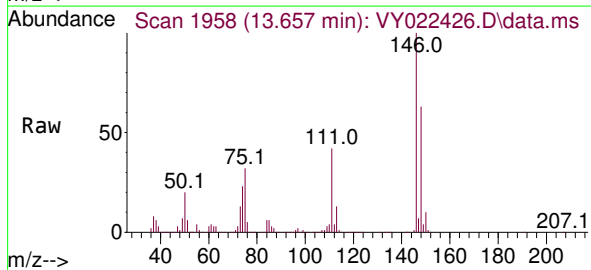
#91
1,2-Dichlorobenzene
Concen: 156.218 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 146 Resp: 81226
Ion Ratio Lower Upper
146 100
111 40.9 20.5 61.6
148 64.2 31.9 95.9

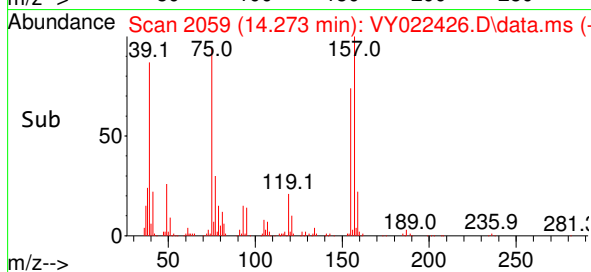
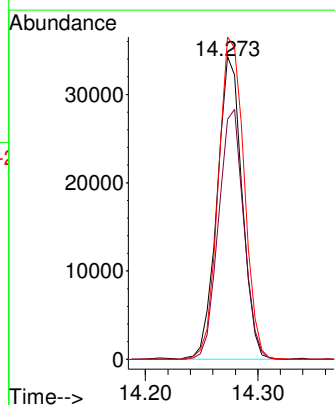
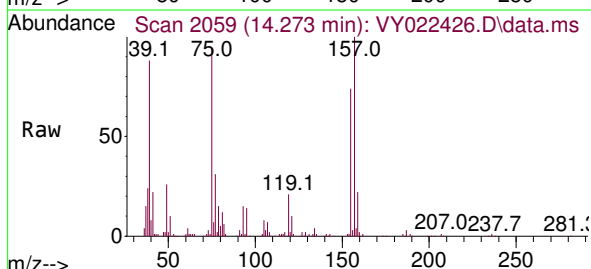
Manual Integrations
APPROVED

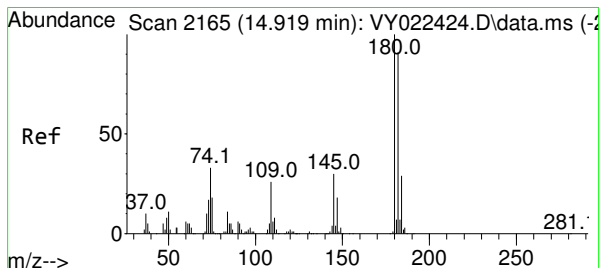
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 150.784 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion: 75 Resp: 52777
Ion Ratio Lower Upper
75 100
155 83.4 42.3 126.8
157 109.9 54.4 163.3





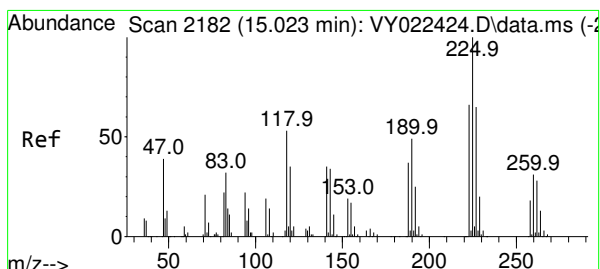
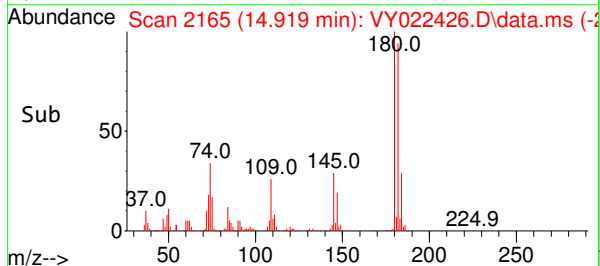
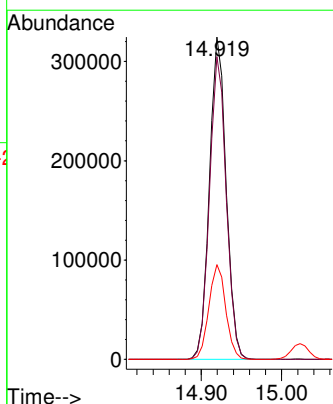
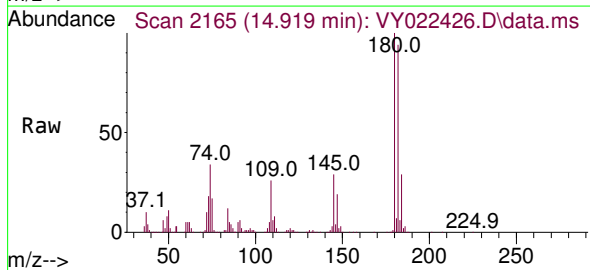
#93
1,2,4-Trichlorobenzene
Concen: 162.662 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.2	138.6
145	29.6	14.2	42.8

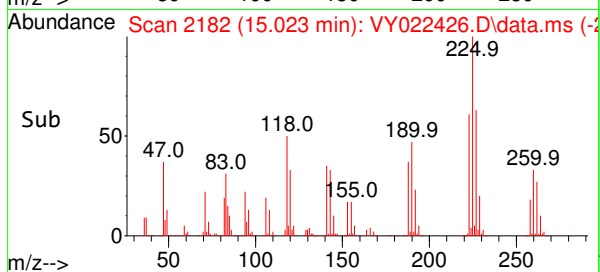
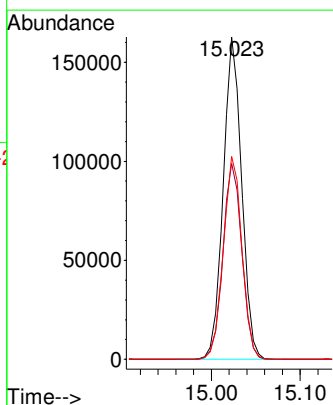
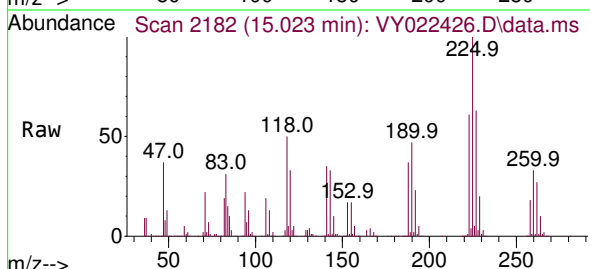
Manual Integrations
APPROVED

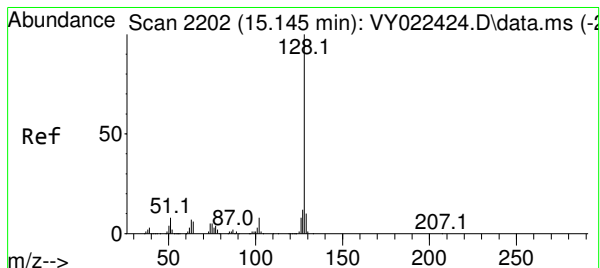
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#94
Hexachlorobutadiene
Concen: 156.325 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022426.D
Acq: 27 May 2025 10:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.6	97.7
227	63.7	33.0	99.0





#95

Naphthalene

Concen: 171.849 ug/l

RT: 15.145 min Scan# 2

Delta R.T. 0.000 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

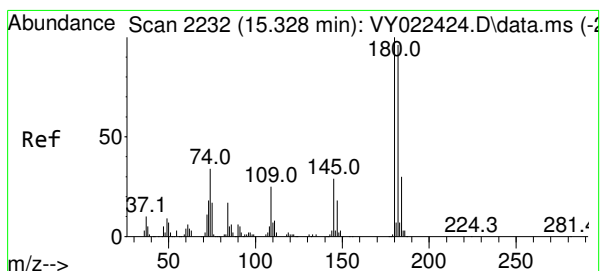
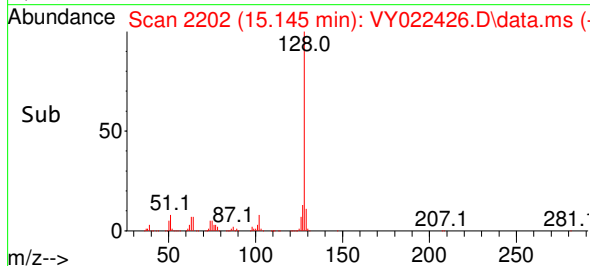
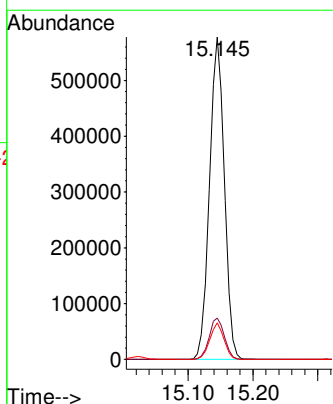
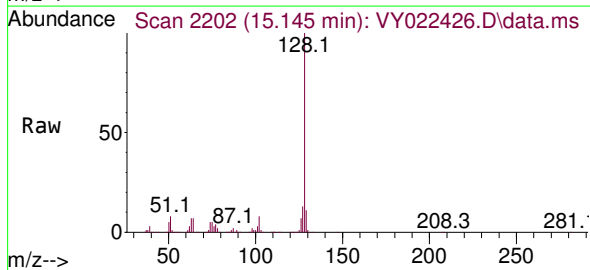
Tgt Ion:	128	Resp:	91576
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 167.307 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022426.D

Acq: 27 May 2025 10:44

Tgt Ion:	180	Resp:	395519
Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.1	144.3
145	31.2	14.9	44.5

