

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022438.D
 Acq On : 27 May 2025 17:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: May 28 08:06:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	215940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	364513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	319704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	120665	53.051	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.100%			
35) Dibromofluoromethane	7.634	113	110847	51.926	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.860%			
50) Toluene-d8	10.103	98	447277	51.398	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.800%			
62) 4-Bromofluorobenzene	12.401	95	133956	50.890	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	91750	44.534	ug/l	100
3) Chloromethane	2.068	50	238761	47.114	ug/l	99
4) Vinyl Chloride	2.202	62	329758	53.564	ug/l	98
5) Bromomethane	2.592	94	278873	49.847	ug/l	100
6) Chloroethane	2.732	64	227784	56.621	ug/l	99
7) Trichlorofluoromethane	3.050	101	293801	56.563	ug/l	97
8) Diethyl Ether	3.452	74	64970	54.247	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	113521	49.816	ug/l	99
10) Methyl Iodide	4.001	142	133073	51.761	ug/l	100
11) Tert butyl alcohol	4.866	59	47457	296.007	ug/l #	84
12) 1,1-Dichloroethene	3.787	96	114561	50.636	ug/l	98
13) Acrolein	3.653	56	62039	258.255	ug/l	99
14) Allyl chloride	4.385	41	173903	51.098	ug/l	98
15) Acrylonitrile	5.055	53	137130	284.055	ug/l	99
16) Acetone	3.873	43	103688	277.421	ug/l #	89
17) Carbon Disulfide	4.104	76	358889	49.708	ug/l	99
18) Methyl Acetate	4.385	43	97215	69.436	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	327791	54.572	ug/l	98
20) Methylene Chloride	4.610	84	132094	50.049	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	125968	51.000	ug/l	99
22) Diisopropyl ether	6.018	45	397757	52.955	ug/l	99
23) Vinyl Acetate	5.958	43	1085430	251.677	ug/l	99
24) 1,1-Dichloroethane	5.915	63	231541	52.168	ug/l	100
25) 2-Butanone	6.896	43	177609	285.333	ug/l	96
26) 2,2-Dichloropropane	6.884	77	194187	48.319	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	148685	51.999	ug/l	99
28) Bromochloromethane	7.244	49	101033	54.514	ug/l	100
29) Tetrahydrofuran	7.262	42	118500	285.450	ug/l	99
30) Chloroform	7.421	83	233553	53.403	ug/l	99
31) Cyclohexane	7.701	56	205414	46.951	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	201031	50.648	ug/l	100
36) 1,1-Dichloropropene	7.835	75	168238	49.665	ug/l	99
37) Ethyl Acetate	6.988	43	77550	53.869	ug/l	99
38) Carbon Tetrachloride	7.817	117	179005	50.728	ug/l	97
39) Methylcyclohexane	9.109	83	220257	48.915	ug/l	98
40) Benzene	8.079	78	522962	51.884	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	47932	54.858	ug/l	93
42) 1,2-Dichloroethane	8.158	62	141760	53.251	ug/l	100
43) Isopropyl Acetate	8.195	43	174194	55.374	ug/l	100
44) Trichloroethene	8.866	130	129953	52.154	ug/l	98
45) 1,2-Dichloropropane	9.140	63	125086	52.819	ug/l	98
46) Dibromomethane	9.231	93	70737	53.469	ug/l	99
47) Bromodichloromethane	9.426	83	180193	52.966	ug/l	98
48) Methyl methacrylate	9.219	41	83183	56.964	ug/l	100
49) 1,4-Dioxane	9.231	88	18170	1243.469	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	454081	292.551	ug/l	100
52) Toluene	10.170	92	330369	52.475	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	167640	52.902	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	194643	52.274	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	90934	54.365	ug/l	99
56) Ethyl methacrylate	10.438	69	130742	54.468	ug/l	96
57) 1,3-Dichloropropane	10.719	76	160238	54.362	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	337645	282.246	ug/l	98
59) 2-Hexanone	10.762	43	300417	295.339	ug/l	98
60) Dibromochloromethane	10.908	129	117196	54.851	ug/l	98
61) 1,2-Dibromoethane	11.018	107	84983	55.550	ug/l	98
64) Tetrachloroethene	10.646	164	140398	51.564	ug/l	95
65) Chlorobenzene	11.438	112	348144	51.070	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	118142	51.150	ug/l	98
67) Ethyl Benzene	11.518	91	640745	50.620	ug/l	99
68) m/p-Xylenes	11.627	106	485062	101.074	ug/l	99
69) o-Xylene	11.956	106	231722	51.375	ug/l	99
70) Styrene	11.969	104	391490	52.127	ug/l	99
71) Bromoform	12.133	173	64997	53.724	ug/l #	99
73) Isopropylbenzene	12.255	105	588766	48.816	ug/l	100
74) N-amyl acetate	12.066	43	151521	51.341	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	99990	52.620	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	72584m	47.286	ug/l	
77) Bromobenzene	12.530	156	128001	49.317	ug/l	97
78) n-propylbenzene	12.597	91	714786	49.384	ug/l	100
79) 2-Chlorotoluene	12.676	91	386484	49.327	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	470592	49.937	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	33779	49.765	ug/l	100
82) 4-Chlorotoluene	12.773	91	396857	49.180	ug/l	99
83) tert-Butylbenzene	12.993	119	425162	49.935	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	474294	50.013	ug/l	99
85) sec-Butylbenzene	13.176	105	628153	49.747	ug/l	100
86) p-Isopropyltoluene	13.292	119	523705	49.668	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	260669	49.914	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	252310	50.528	ug/l	99
89) n-Butylbenzene	13.615	91	491561	49.721	ug/l	99
90) Hexachloroethane	13.877	117	105769	50.407	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	227011	52.043	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16260	55.375	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	124984	51.685	ug/l	98
94) Hexachlorobutadiene	15.023	225	63507	50.042	ug/l	97
95) Naphthalene	15.139	128	252996	56.592	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	106651	53.776	ug/l	99

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MSVOA_Y
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VSTDCCC050EC

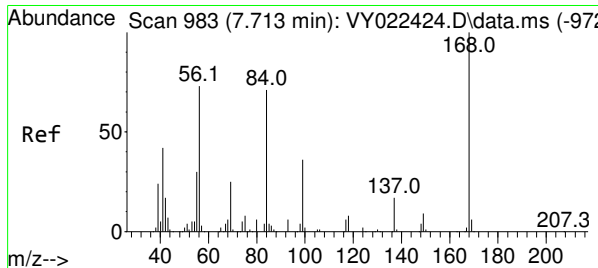
Manual Integrations
APPROVED

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

Quant Time: May 28 08:06:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration

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



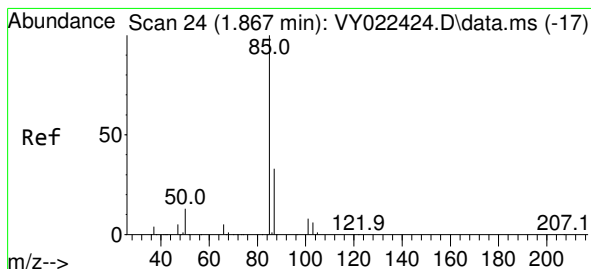
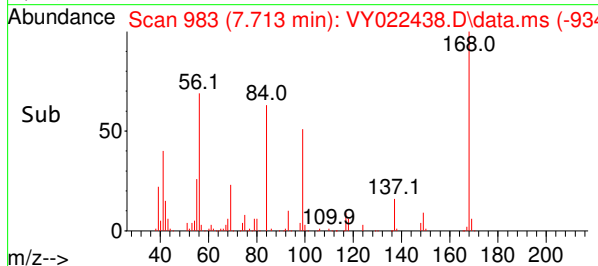
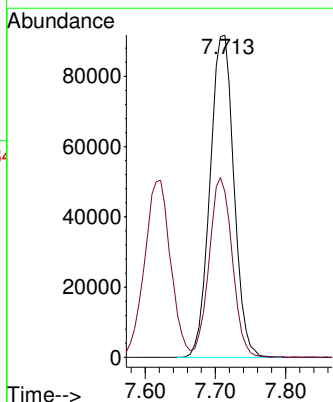
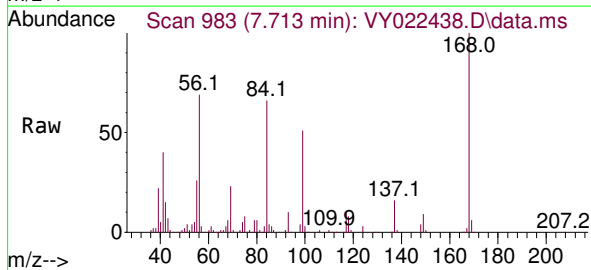
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 21594
Ion Ratio Lower Upper
168 100
99 51.2 44.7 67.1

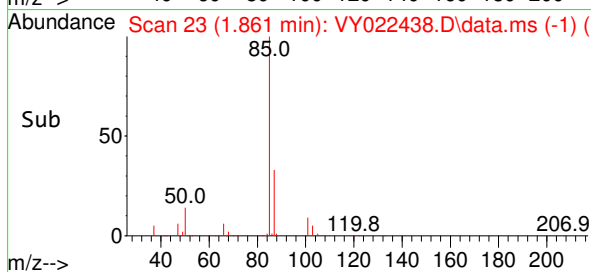
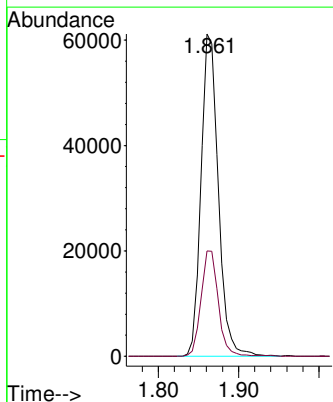
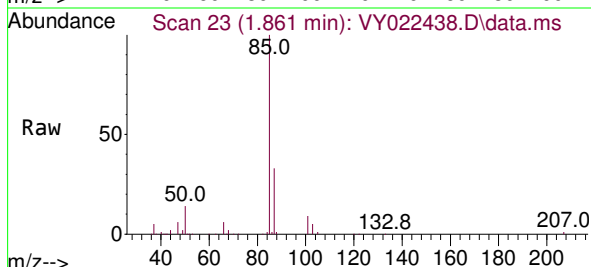
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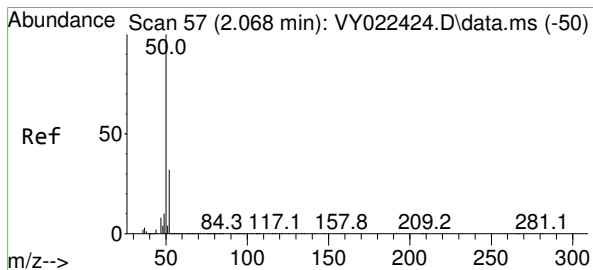
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#2
Dichlorodifluoromethane
Concen: 44.534 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 85 Resp: 91750
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2





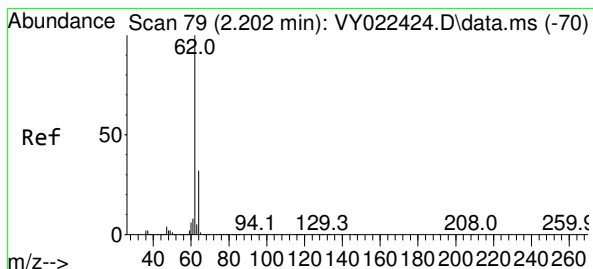
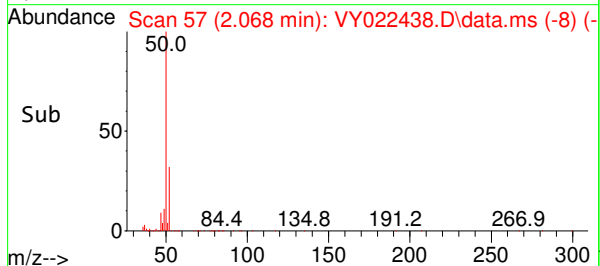
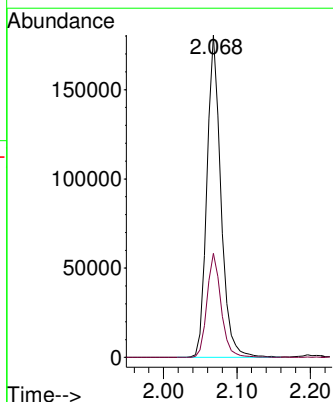
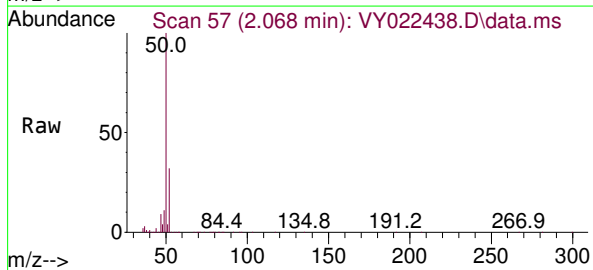
#3
Chloromethane
Concen: 47.114 ug/l
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 23876
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

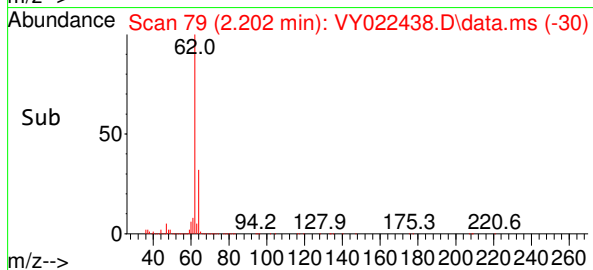
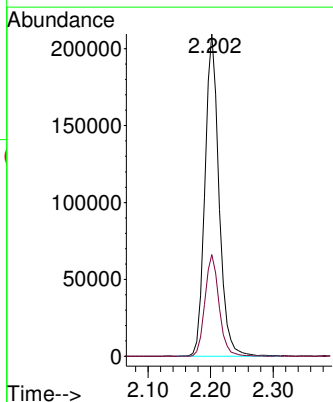
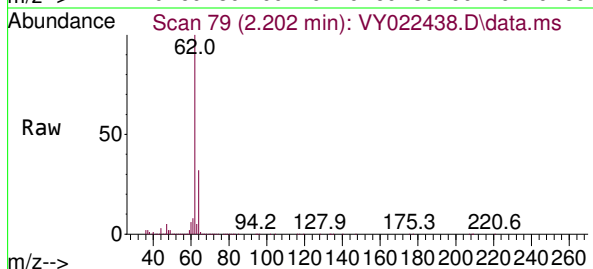
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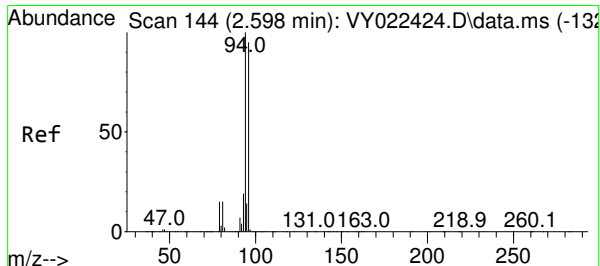
Reviewed By :Amit Patel 05/28/2025
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#4
Vinyl Chloride
Concen: 53.564 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 62 Resp: 329758
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





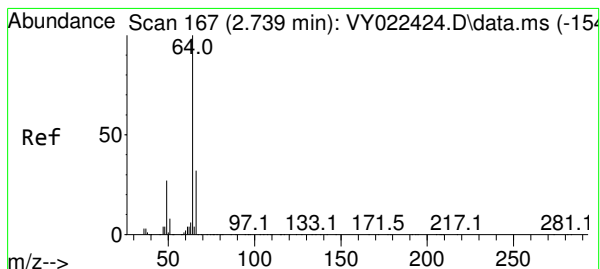
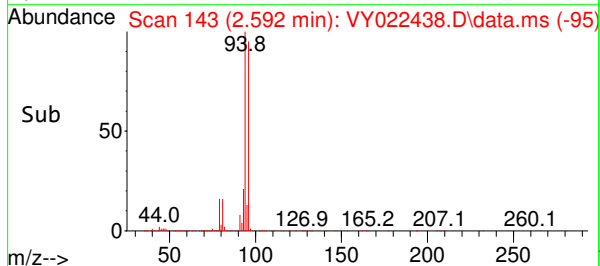
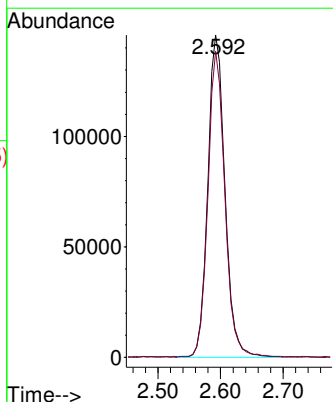
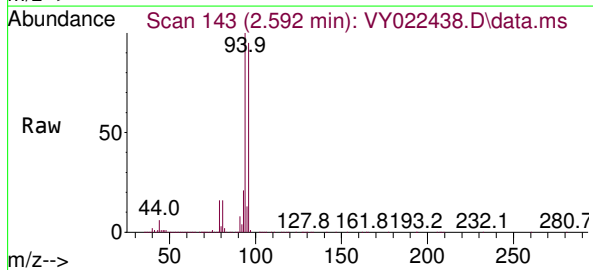
#5
Bromomethane
Concen: 49.847 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 27887
Ion Ratio Lower Upper
94 100
96 94.8 76.0 114.0

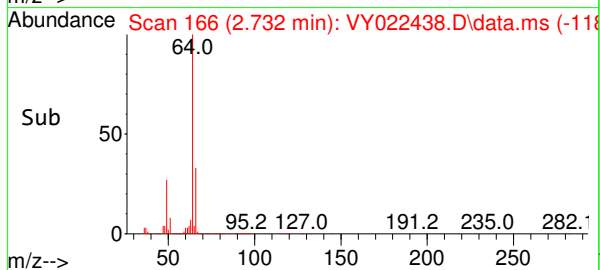
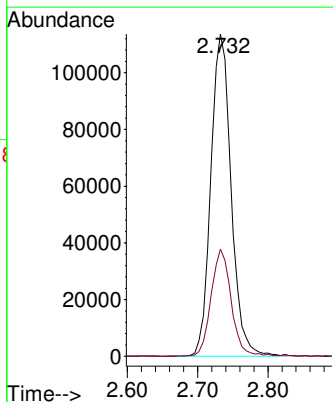
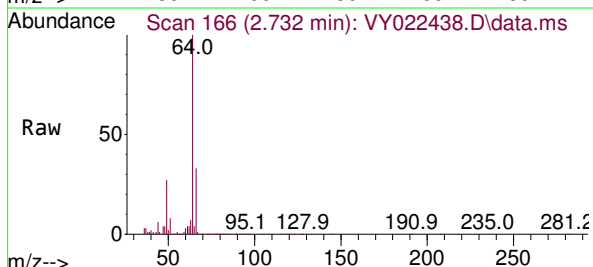
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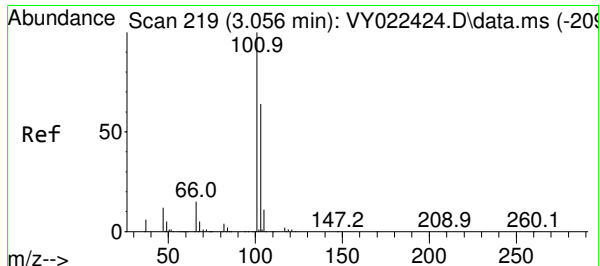
Reviewed By :Amit Patel 05/28/2025
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#6
Chloroethane
Concen: 56.621 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 64 Resp: 227784
Ion Ratio Lower Upper
64 100
66 33.1 25.9 38.9





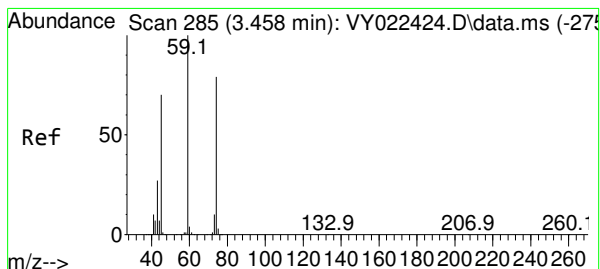
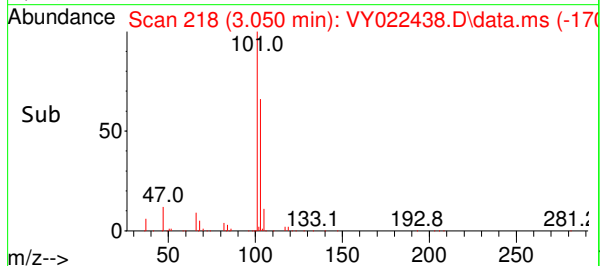
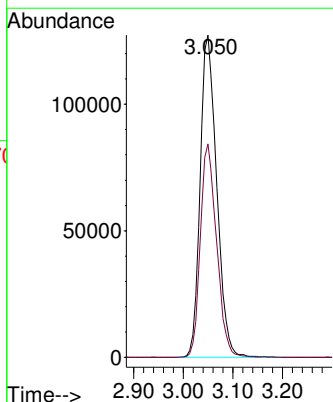
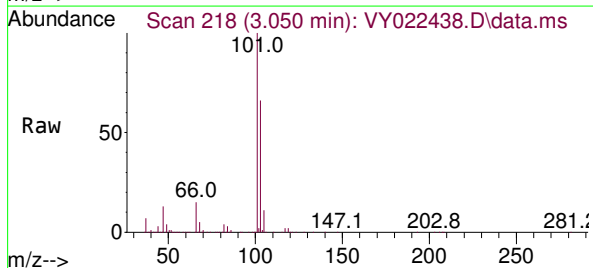
#7
Trichlorofluoromethane
Concen: 56.563 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 29386
Ion Ratio Lower Upper
101 100
103 66.2 50.9 76.3

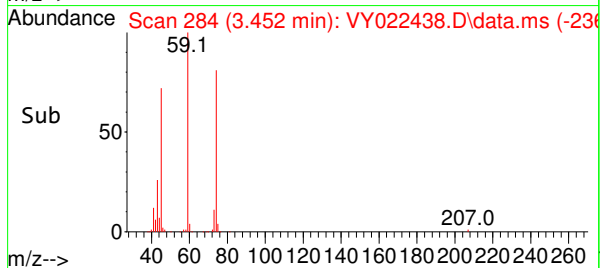
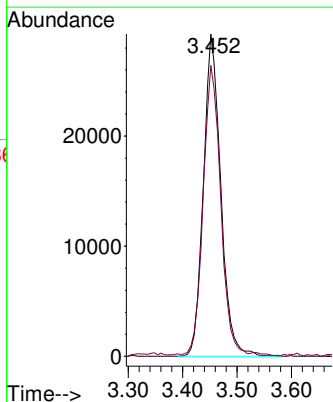
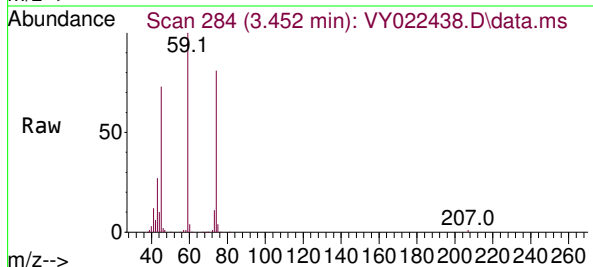
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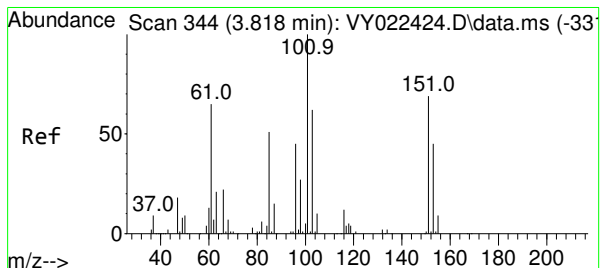
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#8
Diethyl Ether
Concen: 54.247 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 74 Resp: 64970
Ion Ratio Lower Upper
74 100
45 90.5 44.9 134.5





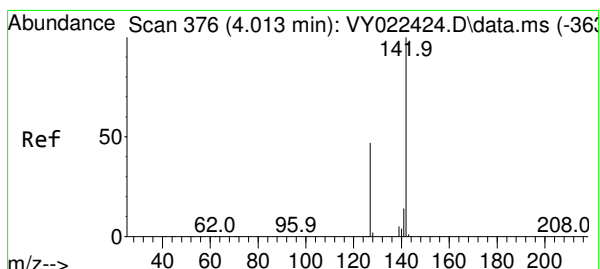
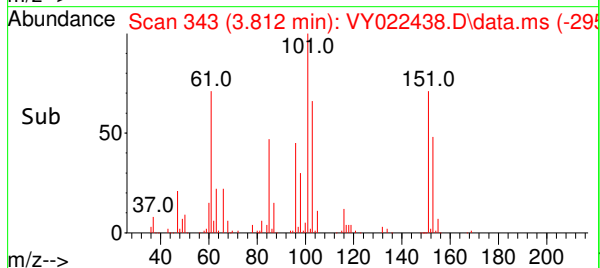
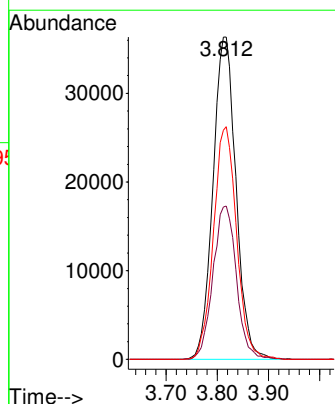
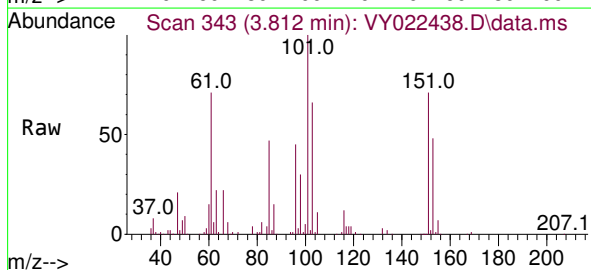
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.816 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
85	48.5	39.2	58.8
151	72.7	58.8	88.2

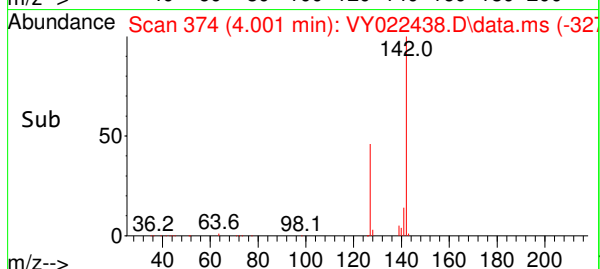
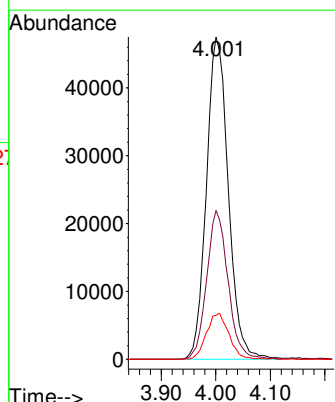
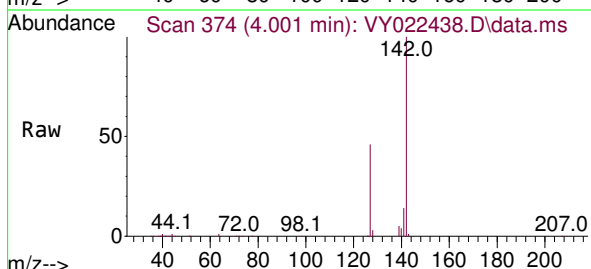
Manual Integrations
APPROVED

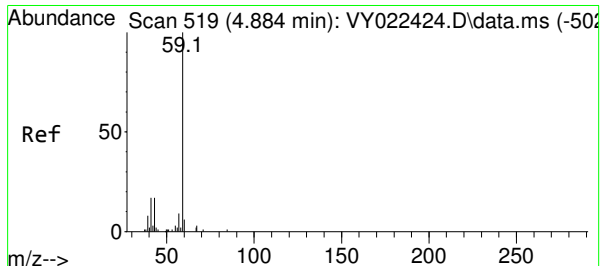
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#10
Methyl Iodide
Concen: 51.761 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.0	36.2	54.4
141	14.6	11.6	17.4





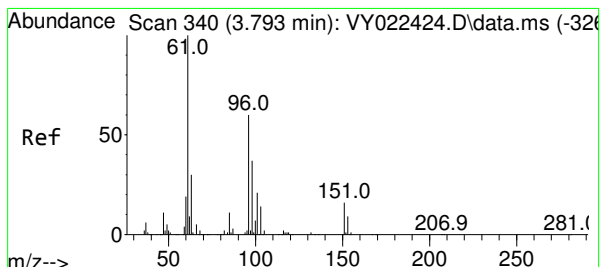
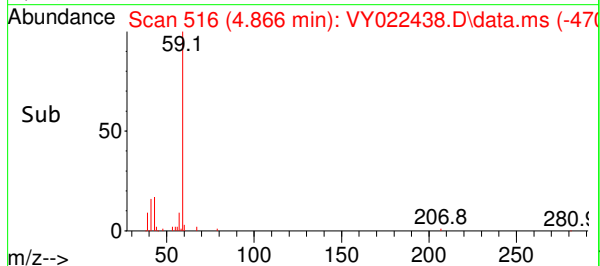
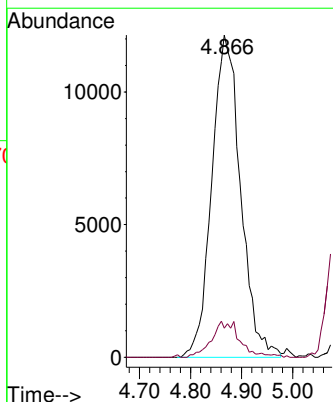
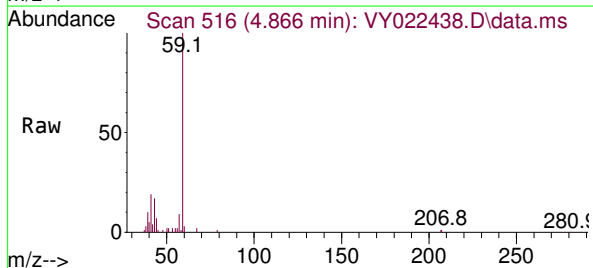
#11
Tert butyl alcohol
Concen: 296.007 ug/l
RT: 4.866 min Scan# 519
Delta R.T. -0.018 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 4745
Ion Ratio Lower Upper
59 100
57 5.4 9.1 13.7

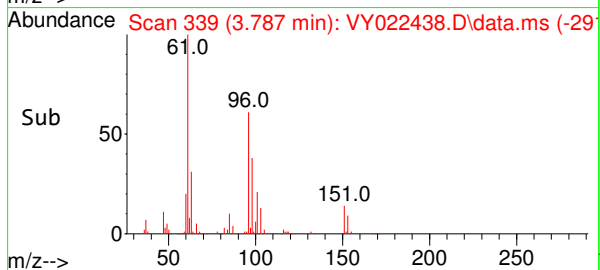
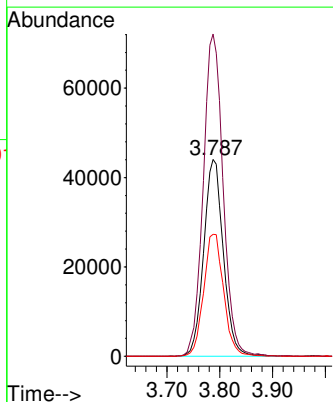
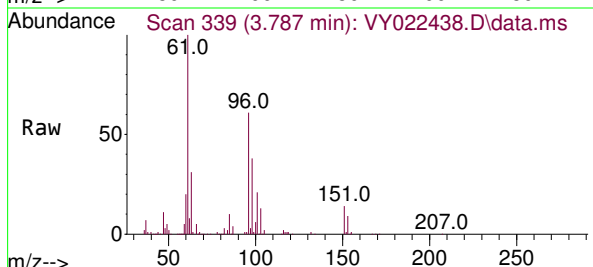
Manual Integrations
APPROVED

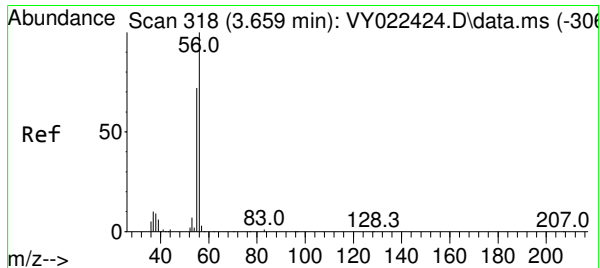
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#12
1,1-Dichloroethene
Concen: 50.636 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 96 Resp: 114561
Ion Ratio Lower Upper
96 100
61 163.5 134.1 201.1
98 62.0 50.2 75.2





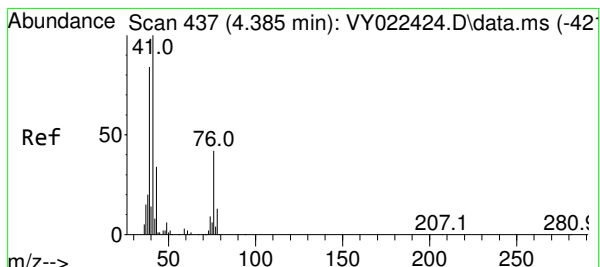
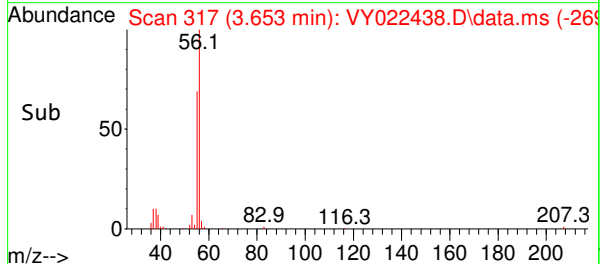
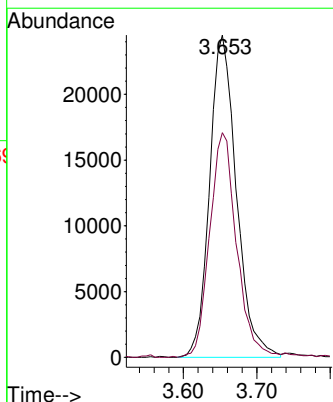
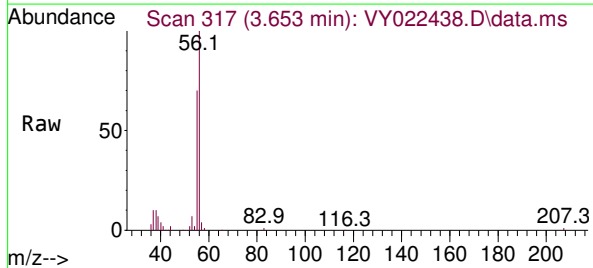
#13
Acrolein
Concen: 258.255 ug/l
RT: 3.653 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 6203
Ion Ratio Lower Upper
56 100
55 69.8 56.5 84.7

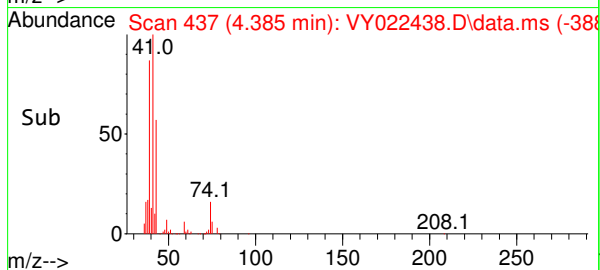
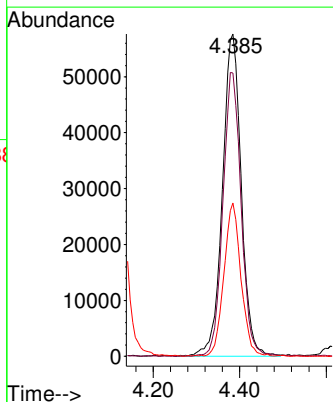
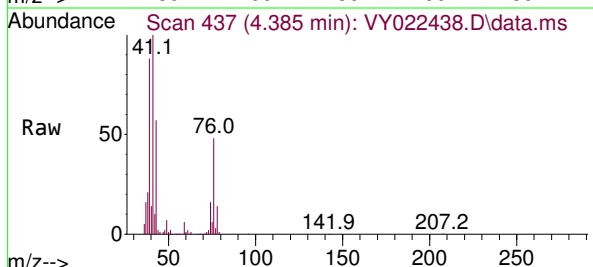
Manual Integrations
APPROVED

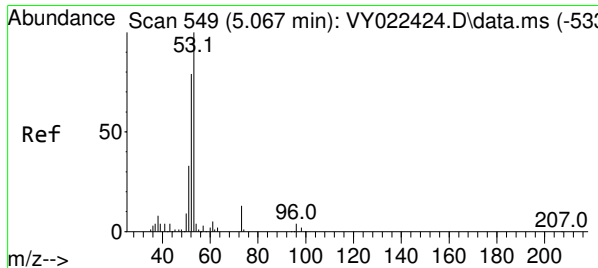
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#14
Allyl chloride
Concen: 51.098 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 41 Resp: 173903
Ion Ratio Lower Upper
41 100
39 85.2 66.6 100.0
76 42.9 33.7 50.5





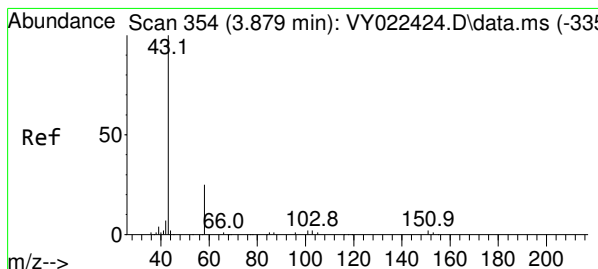
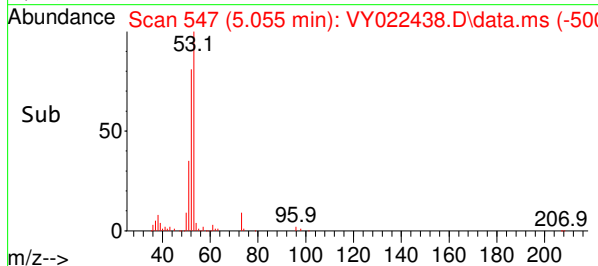
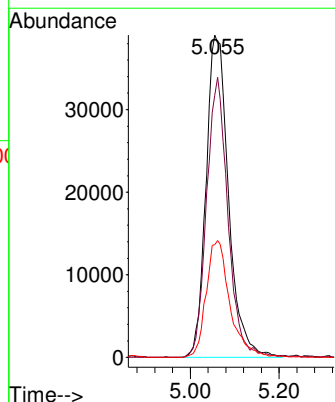
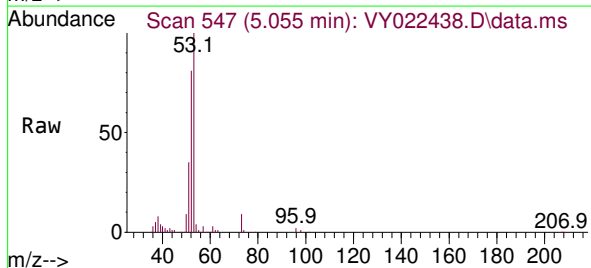
#15
Acrylonitrile
Concen: 284.055 ug/l
RT: 5.055 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 13713
Ion Ratio Lower Upper
53 100
52 82.4 65.1 97.7
51 38.4 30.0 45.6

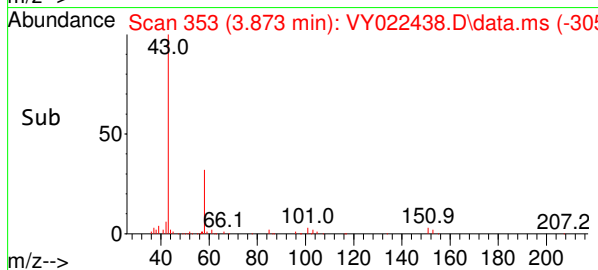
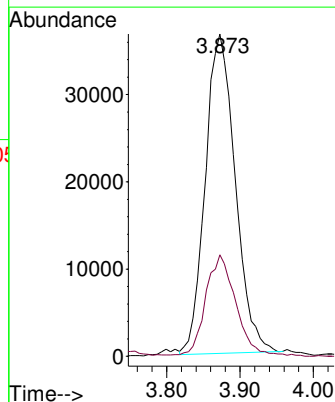
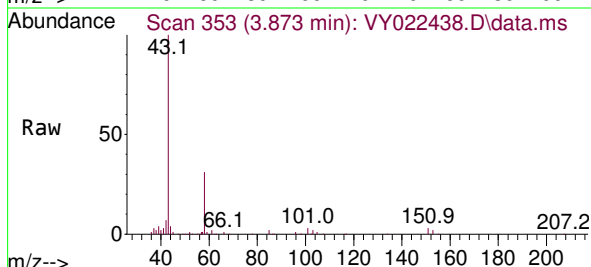
Manual Integrations
APPROVED

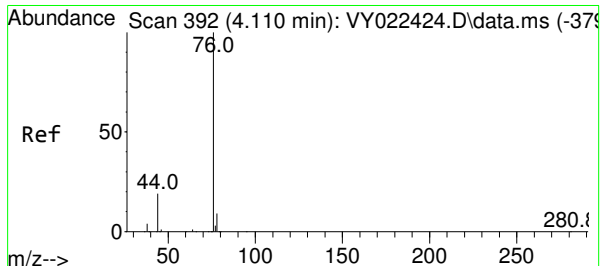
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#16
Acetone
Concen: 277.421 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 43 Resp: 103688
Ion Ratio Lower Upper
43 100
58 31.4 20.6 30.8#





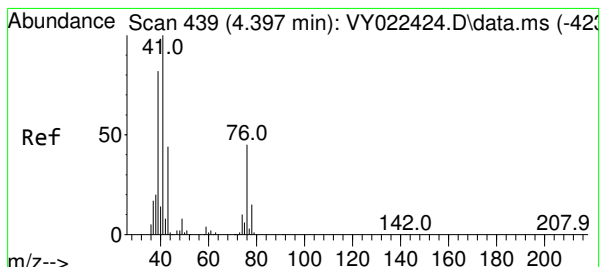
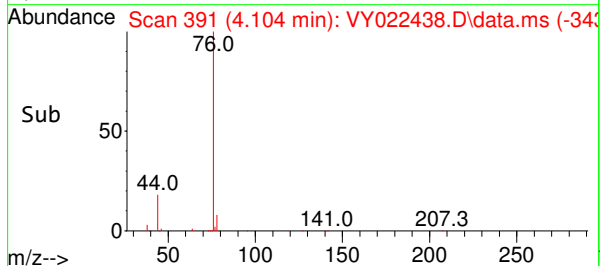
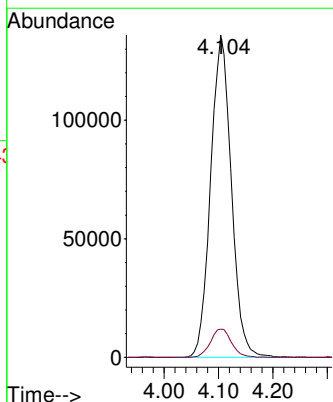
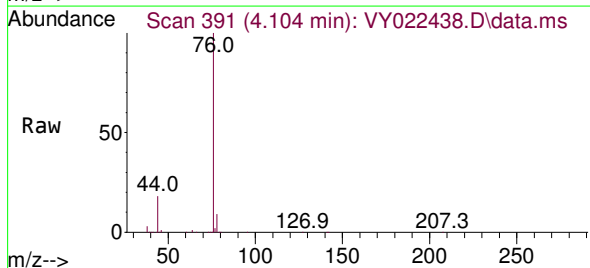
#17
Carbon Disulfide
Concen: 49.708 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 35888
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

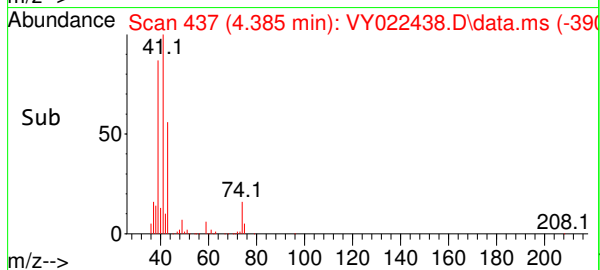
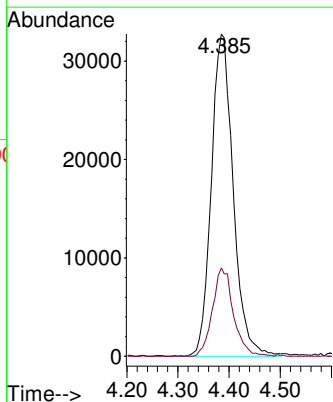
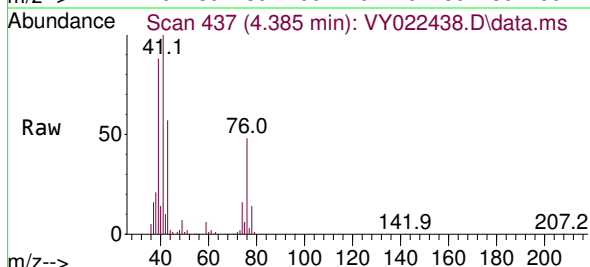
Manual Integrations
APPROVED

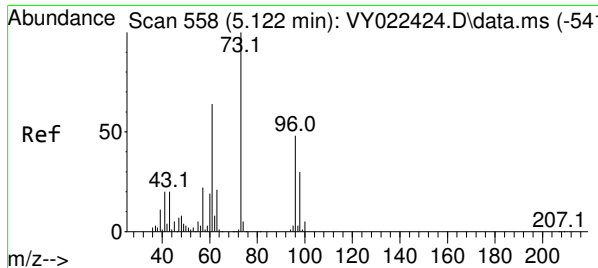
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#18
Methyl Acetate
Concen: 69.436 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 43 Resp: 97215
Ion Ratio Lower Upper
43 100
74 26.2 21.2 31.8





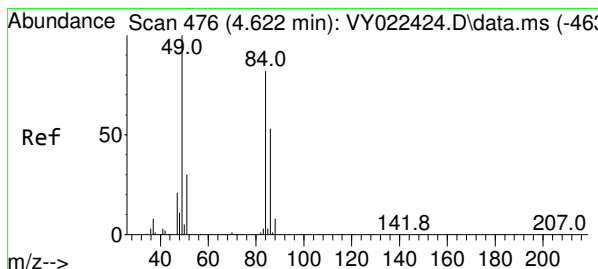
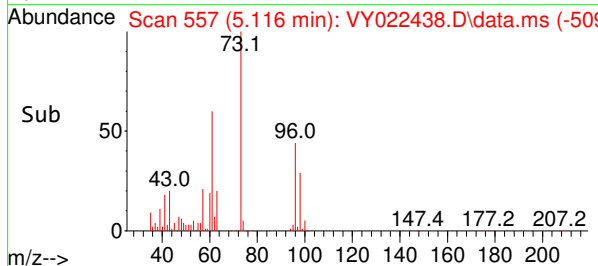
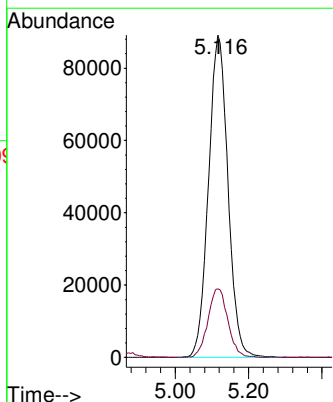
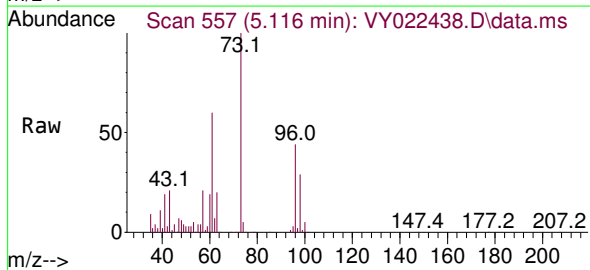
#19
Methyl tert-butyl Ether
Concen: 54.572 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 32779
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

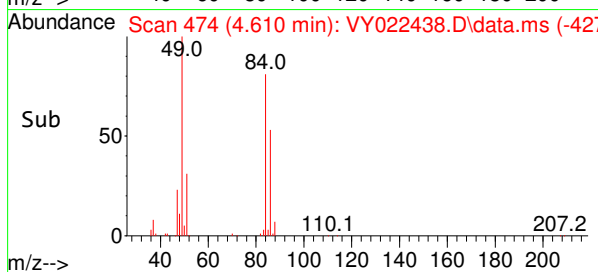
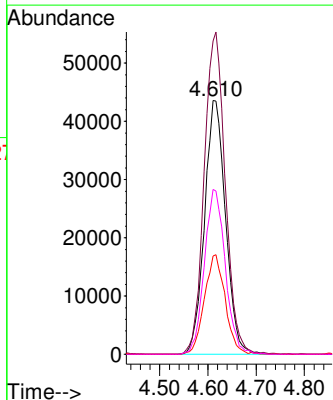
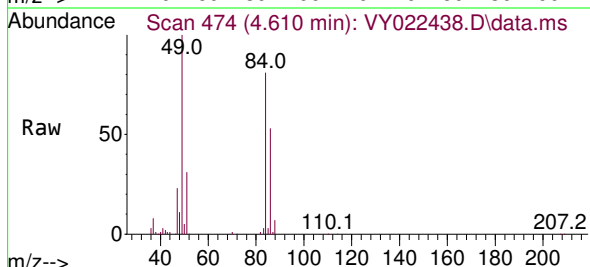
Manual Integrations
APPROVED

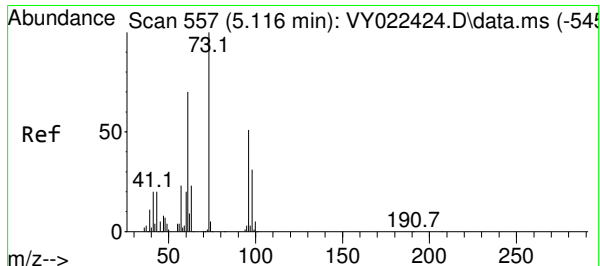
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#20
Methylene Chloride
Concen: 50.049 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 84 Resp: 132094
Ion Ratio Lower Upper
84 100
49 123.4 97.8 146.8
51 38.8 29.5 44.3
86 64.9 51.8 77.6





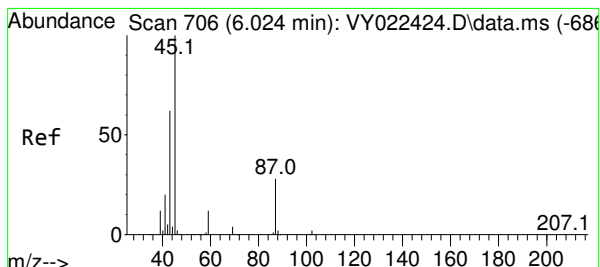
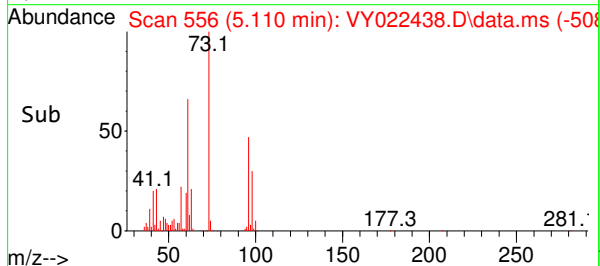
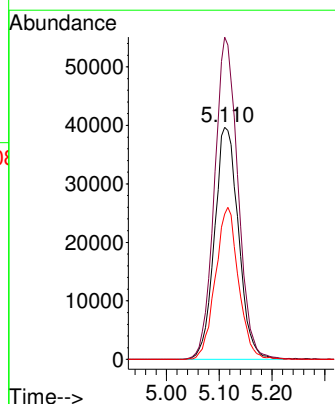
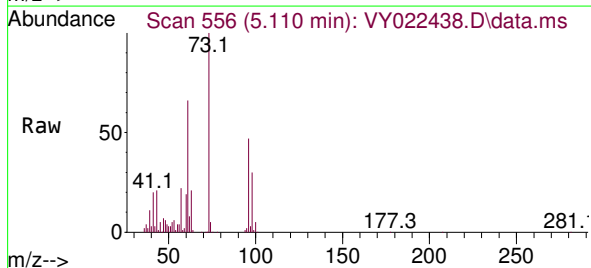
#21
trans-1,2-Dichloroethene
Concen: 51.000 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument : MSVOA_Y
ClientSampleId : VSTDC050EC

Tgt Ion: 96 Resp: 12596
Ion Ratio Lower Upper
96 100
61 138.9 110.4 165.6
98 62.6 48.6 73.0

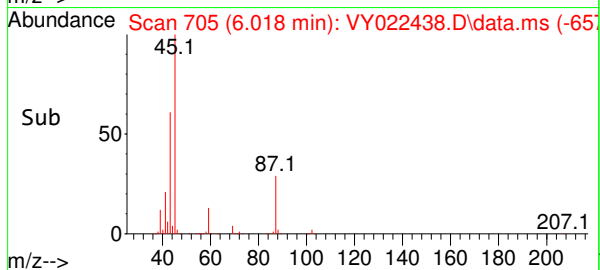
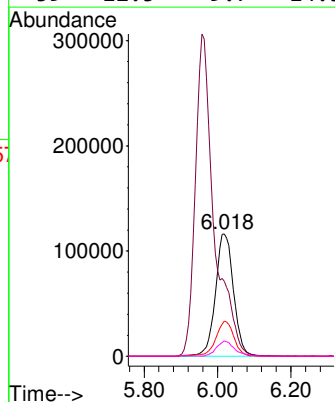
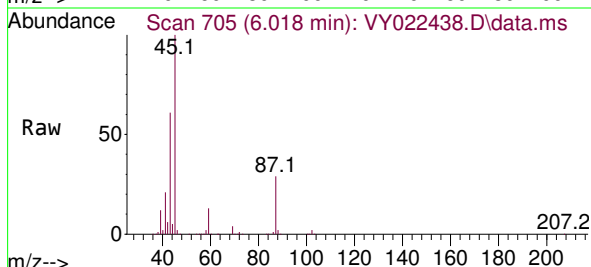
Manual Integrations
APPROVED

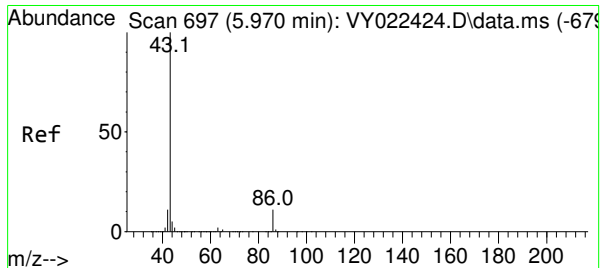
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#22
Diisopropyl ether
Concen: 52.955 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 45 Resp: 397757
Ion Ratio Lower Upper
45 100
43 60.8 49.8 74.8
87 28.8 23.0 34.6
59 12.5 9.7 14.5





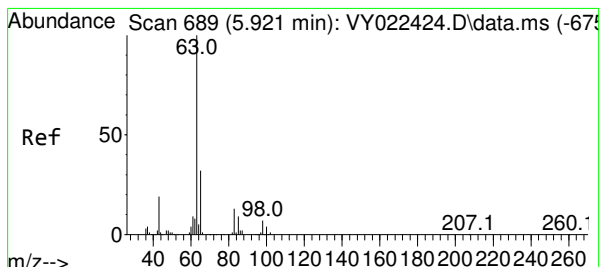
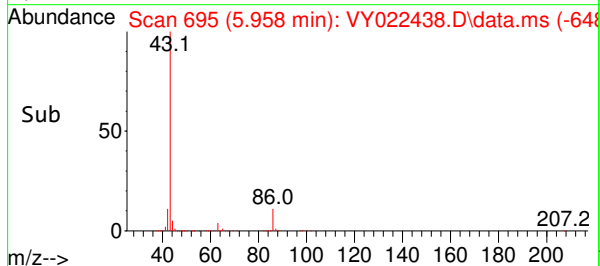
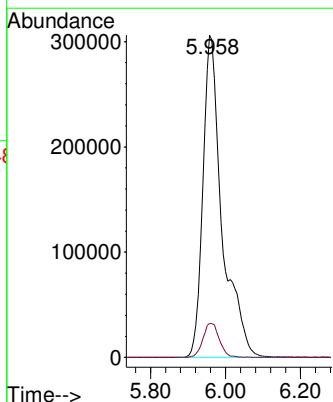
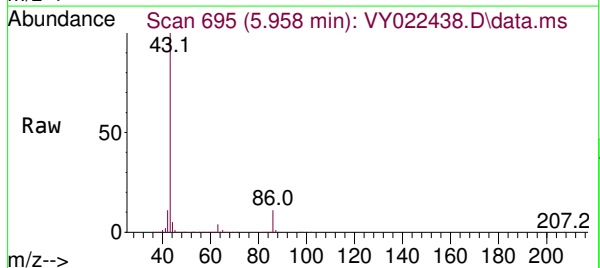
#23
 Vinyl Acetate
 Concen: 251.677 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022438.D
 Acq: 27 May 2025 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 108543
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2

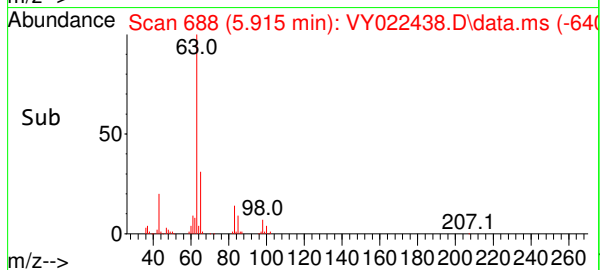
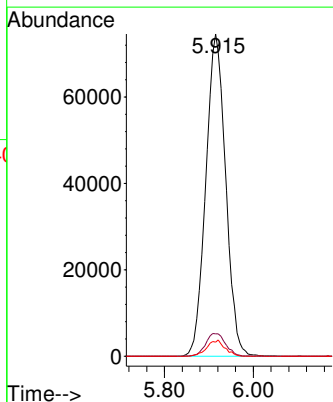
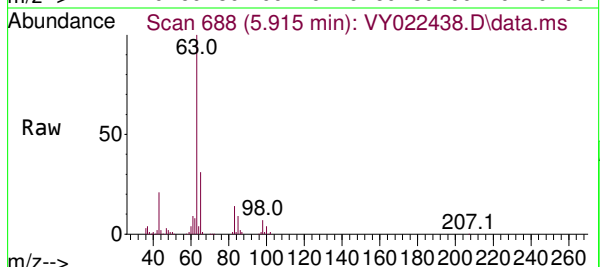
Manual Integrations
 APPROVED

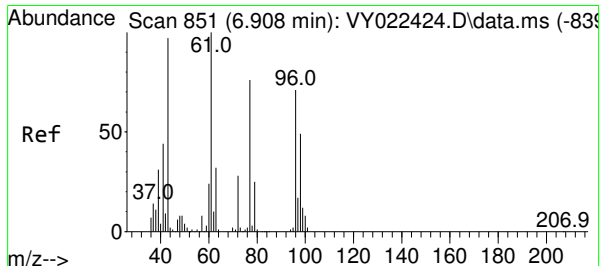
Reviewed By :Amit Patel 05/28/2025
 Supervised By :Mahesh Dadoda 05/28/2025



#24
 1,1-Dichloroethane
 Concen: 52.168 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022438.D
 Acq: 27 May 2025 17:10

Tgt Ion: 63 Resp: 231541
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.4 2.1 6.5





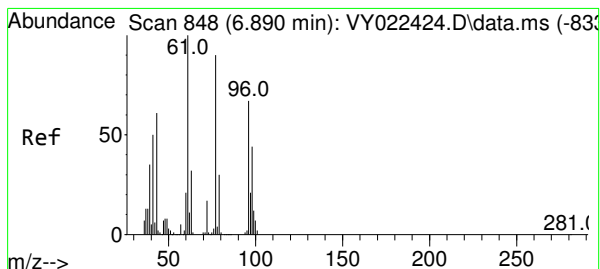
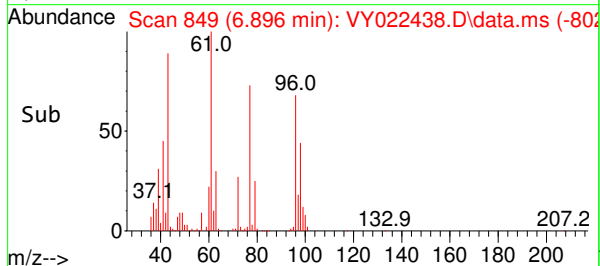
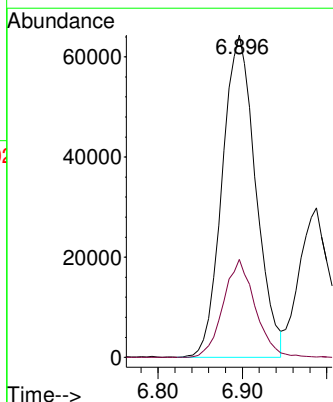
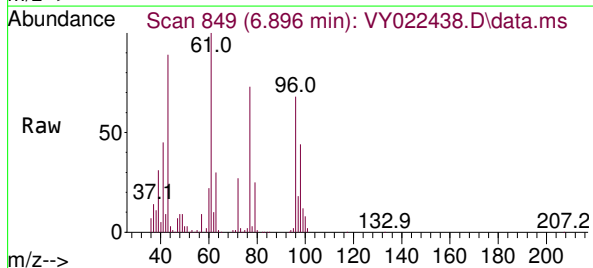
#25
2-Butanone
Concen: 285.333 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 43 Resp: 17760
Ion Ratio Lower Upper
43 100
72 30.4 22.8 34.2

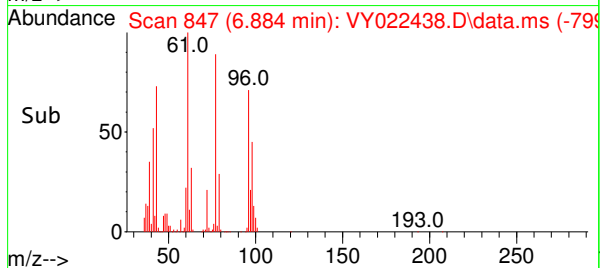
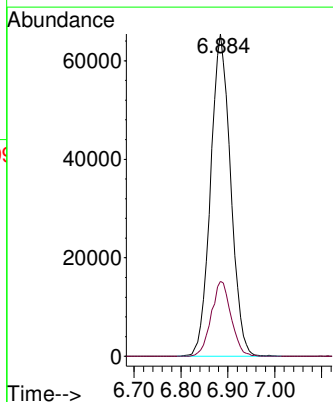
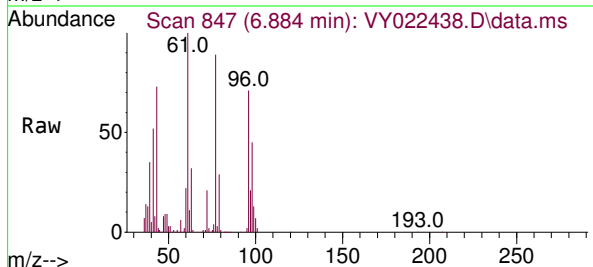
Manual Integrations
APPROVED

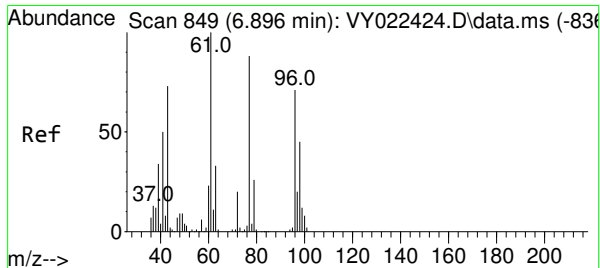
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#26
2,2-Dichloropropane
Concen: 48.319 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 77 Resp: 194187
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.7





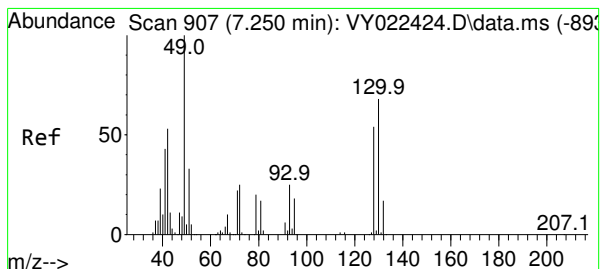
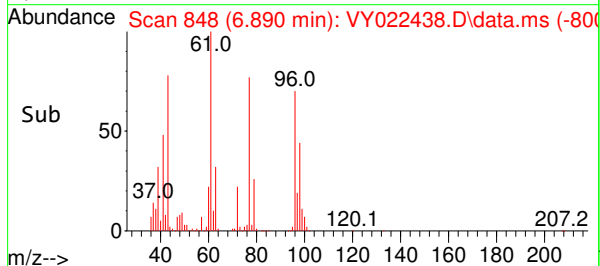
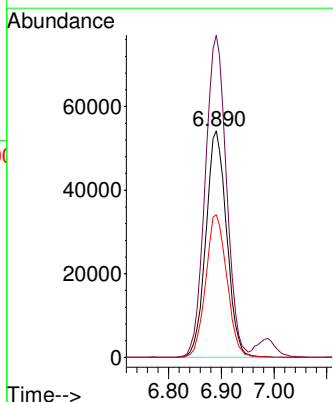
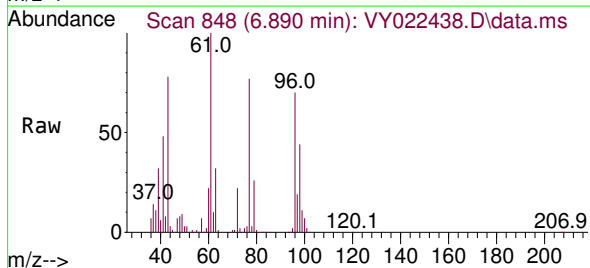
#27
cis-1,2-Dichloroethene
Concen: 51.999 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 14868
Ion Ratio Lower Upper
96 100
61 145.4 0.0 292.0
98 64.3 0.0 131.0

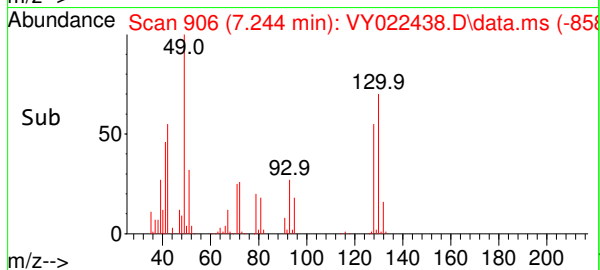
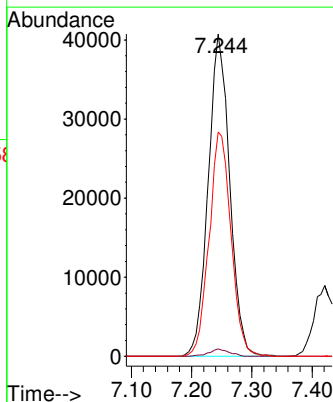
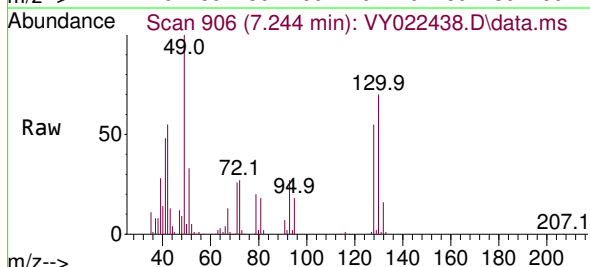
Manual Integrations
APPROVED

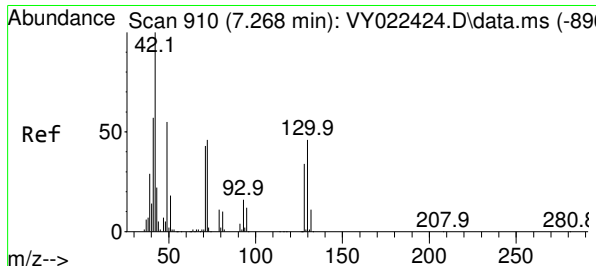
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#28
Bromochloromethane
Concen: 54.514 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 49 Resp: 101033
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 71.1 56.9 85.3





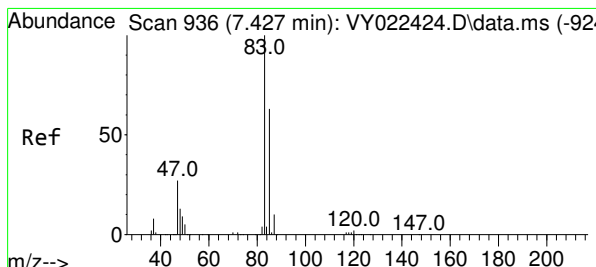
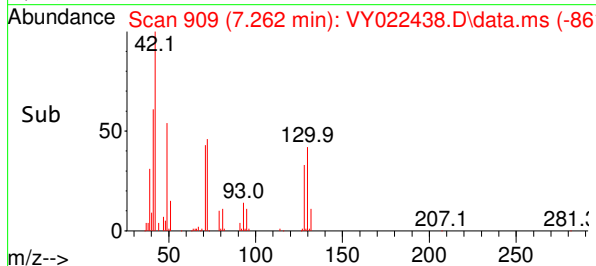
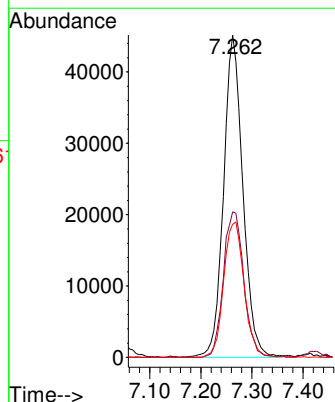
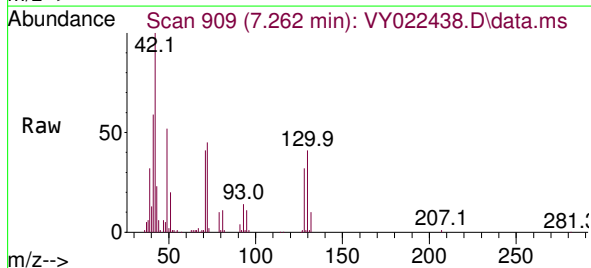
#29
Tetrahydrofuran
Concen: 285.450 ug/l
RT: 7.262 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 11856
Ion Ratio Lower Upper
42 100
72 47.7 37.7 56.5
71 44.4 34.7 52.1

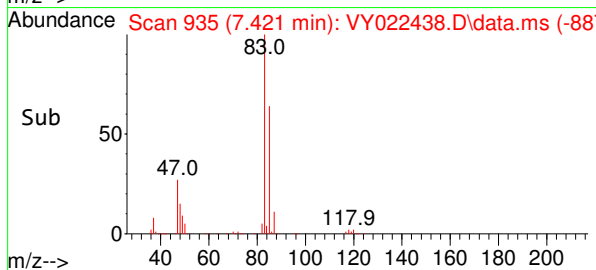
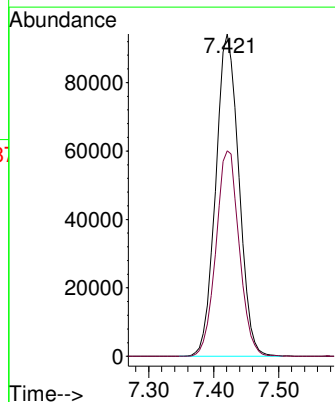
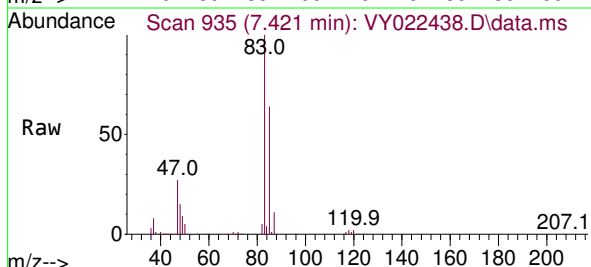
Manual Integrations
APPROVED

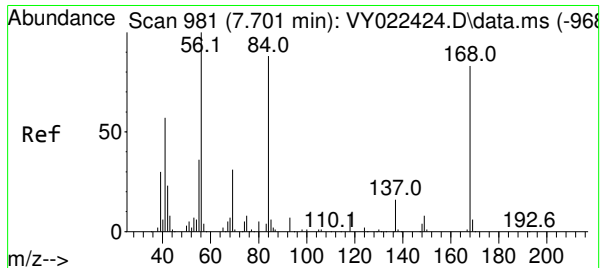
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#30
Chloroform
Concen: 53.403 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 83 Resp: 233553
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1





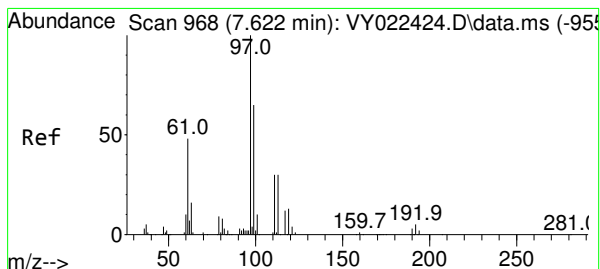
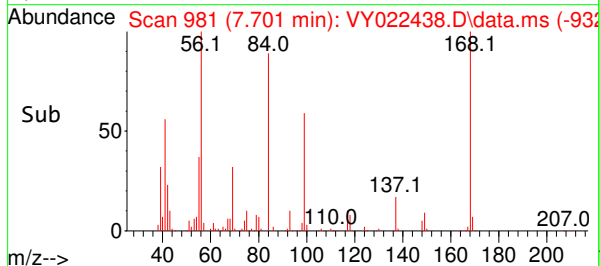
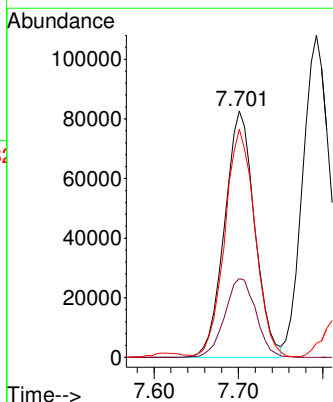
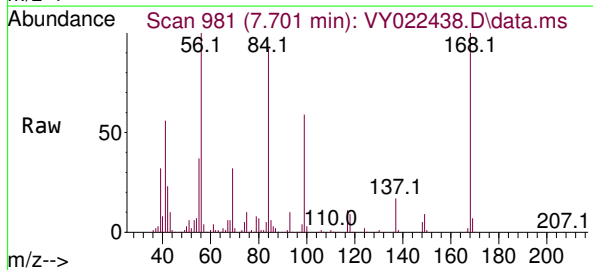
#31
Cyclohexane
Concen: 46.951 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 56 Resp: 20541
Ion Ratio Lower Upper
56 100
69 32.0 24.6 36.8
84 91.1 70.4 105.6

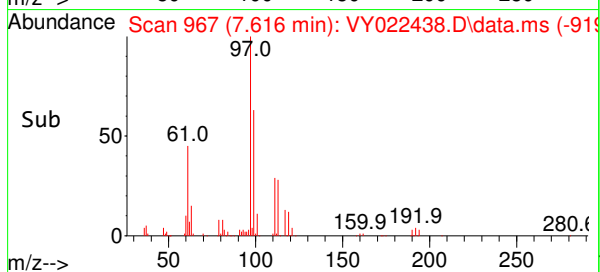
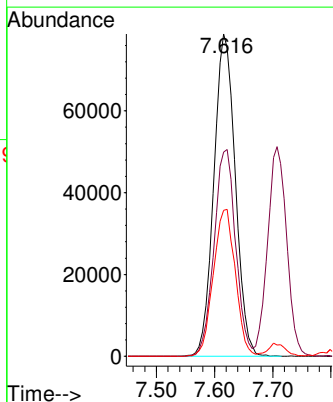
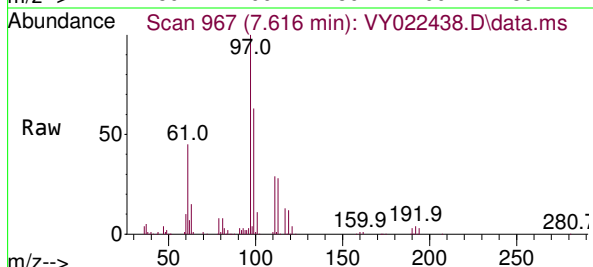
Manual Integrations
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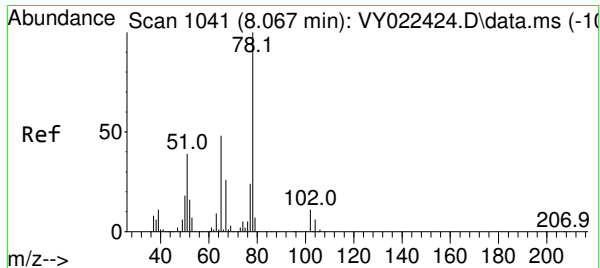
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#32
1,1,1-Trichloroethane
Concen: 50.648 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 97 Resp: 201031
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 46.8 37.3 55.9





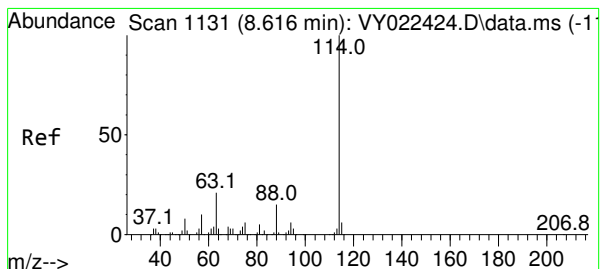
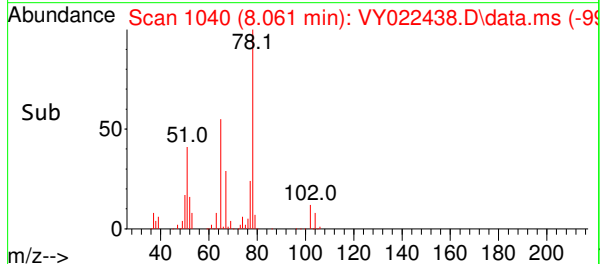
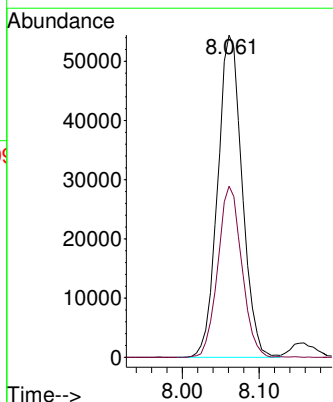
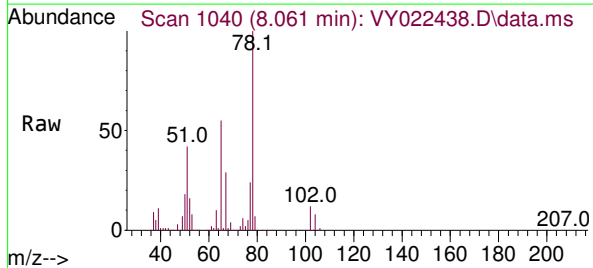
#33
1,2-Dichloroethane-d4
Concen: 53.051 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 12066
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.4

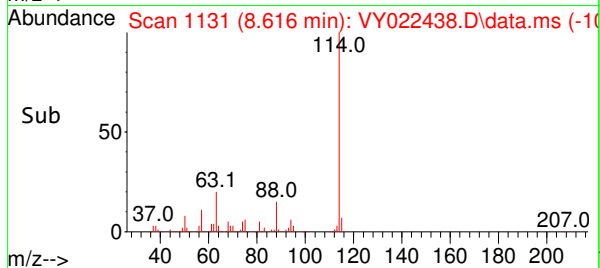
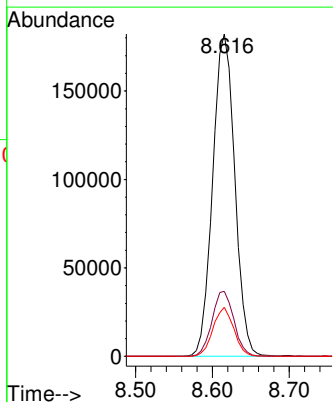
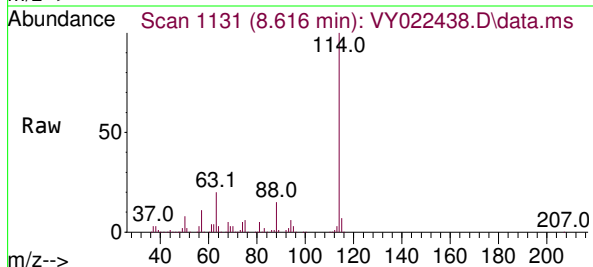
Manual Integrations
APPROVED

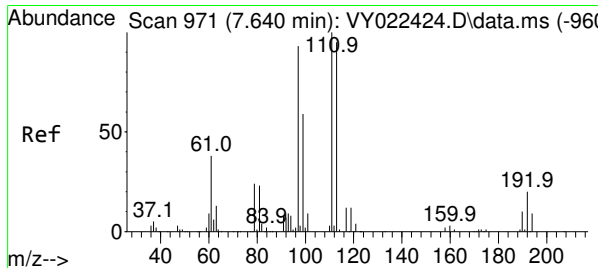
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:114 Resp: 364513
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.2 0.0 29.4





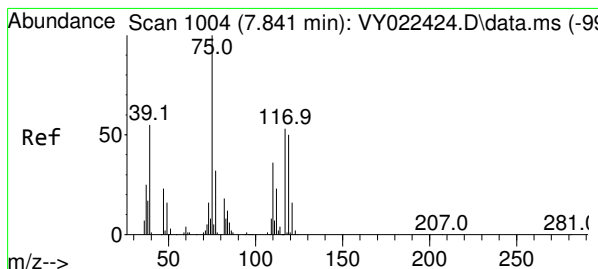
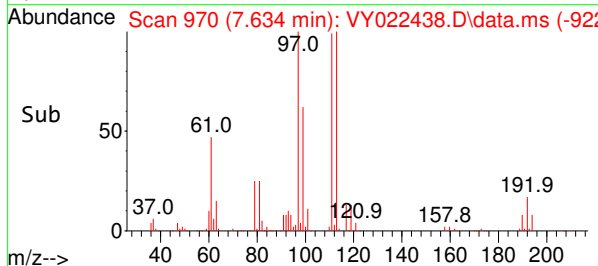
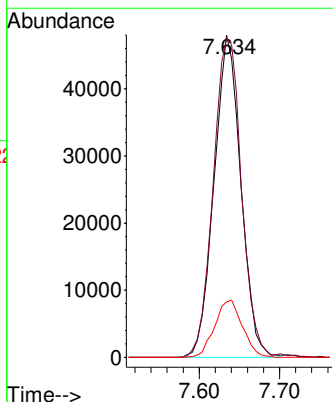
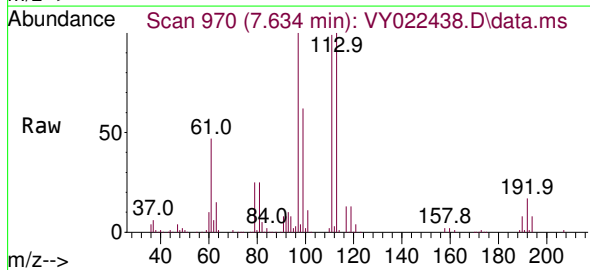
#35
 Dibromofluoromethane
 Concen: 51.926 ug/l
 RT: 7.634 min Scan# 9
 Delta R.T. -0.006 min
 Lab File: VY022438.D
 Acq: 27 May 2025 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 11084
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.4 123.6
 192 18.4 15.2 22.8

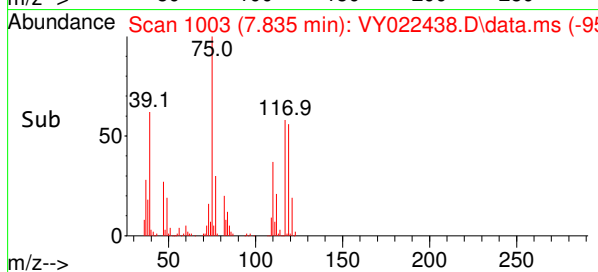
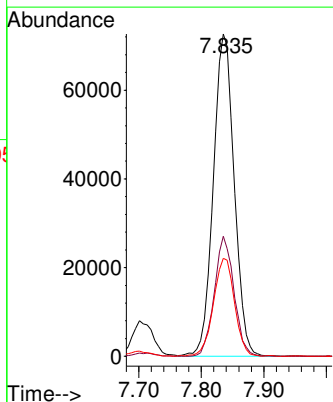
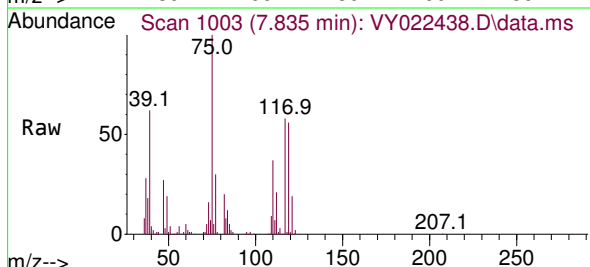
Manual Integrations
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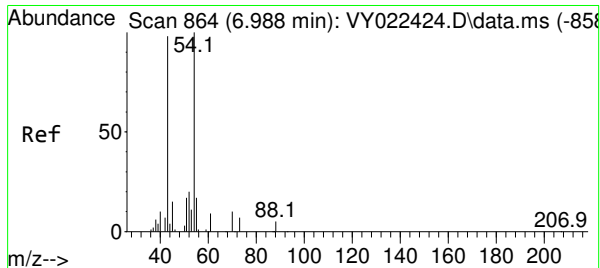
Reviewed By :Amit Patel 05/28/2025
 Supervised By :Mahesh Dadoda 05/28/2025



#36
 1,1-Dichloropropene
 Concen: 49.665 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. -0.006 min
 Lab File: VY022438.D
 Acq: 27 May 2025 17:10

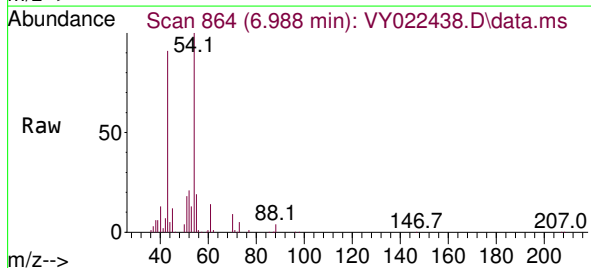
Tgt Ion: 75 Resp: 168238
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.1 51.2
 77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 53.869 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

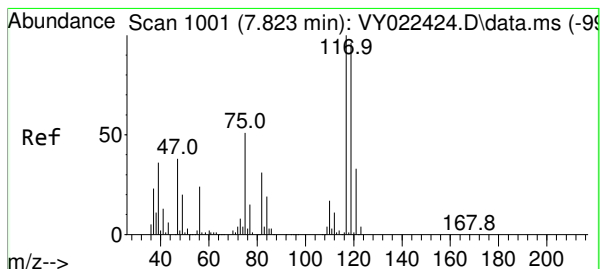
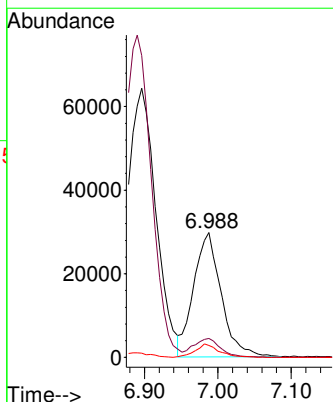
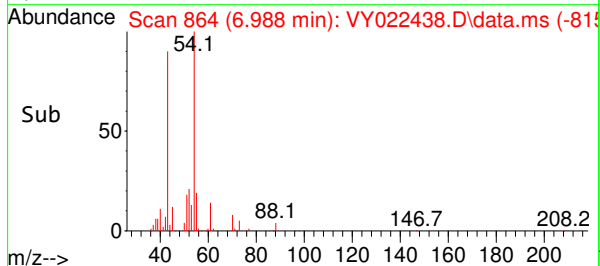
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 7755
Ion Ratio Lower Upper
43 100
61 15.1 11.7 17.5
70 9.3 7.8 11.6

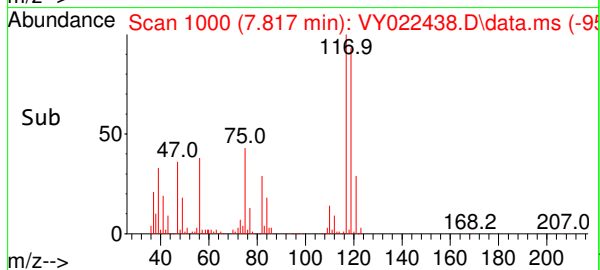
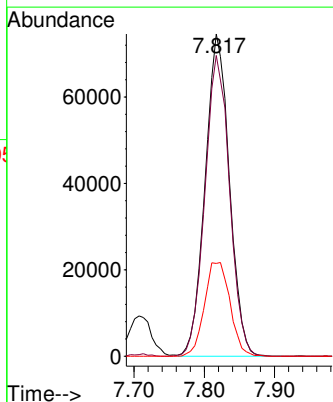
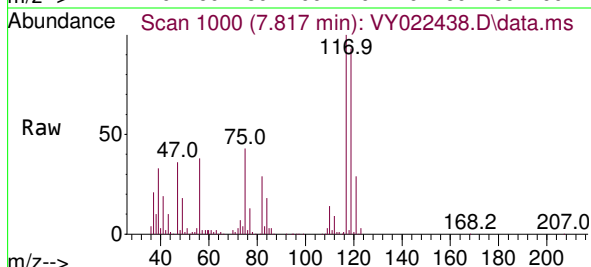
Manual Integrations
APPROVED

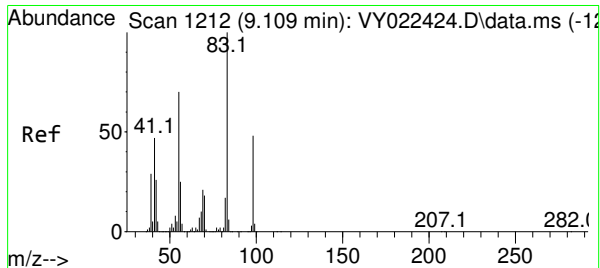
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#38
Carbon Tetrachloride
Concen: 50.728 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:117 Resp: 179005
Ion Ratio Lower Upper
117 100
119 93.3 76.3 114.5
121 28.8 26.1 39.1





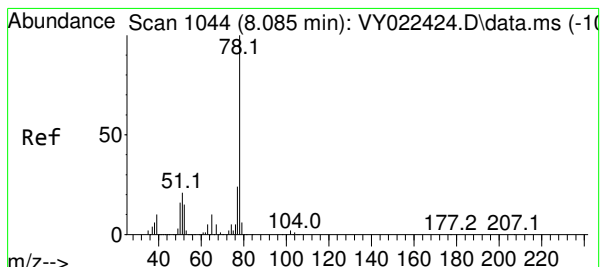
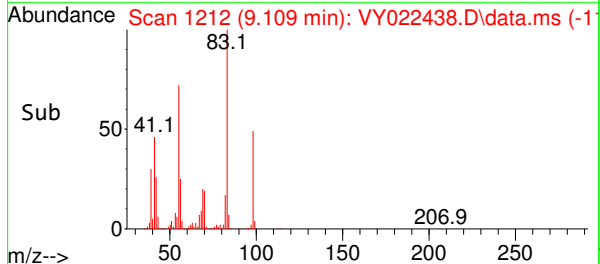
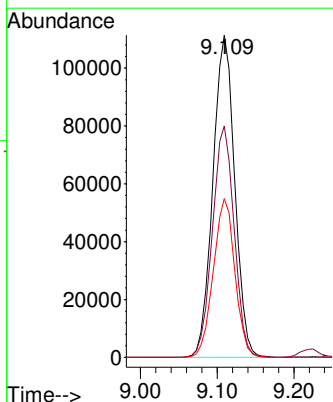
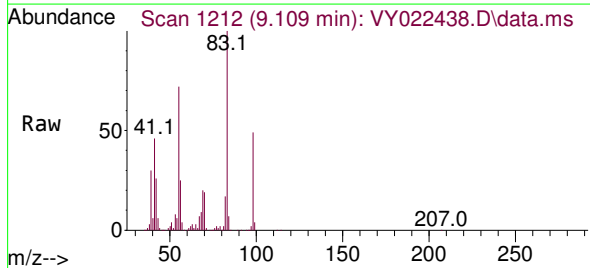
#39
Methylcyclohexane
Concen: 48.915 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 22025
Ion Ratio Lower Upper
83 100
55 71.8 56.2 84.2
98 49.2 38.4 57.6

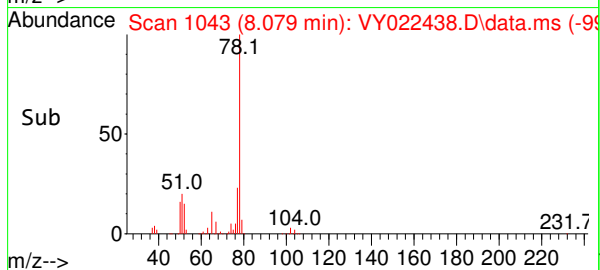
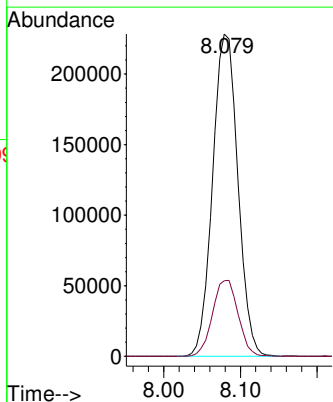
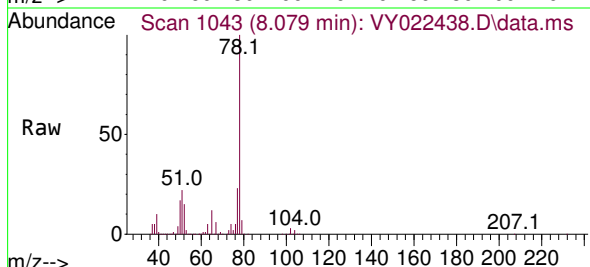
Manual Integrations
APPROVED

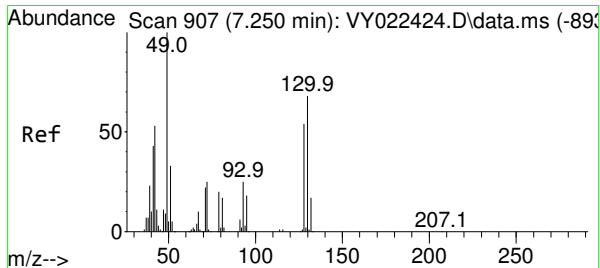
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#40
Benzene
Concen: 51.884 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 78 Resp: 522962
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.2





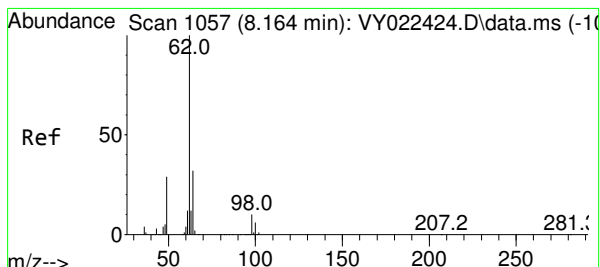
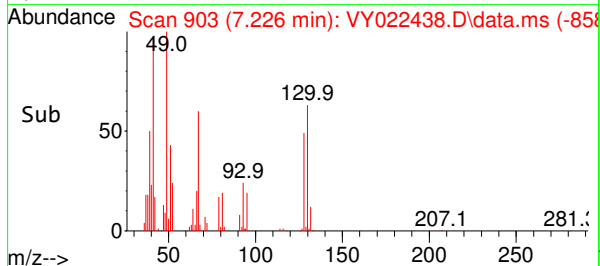
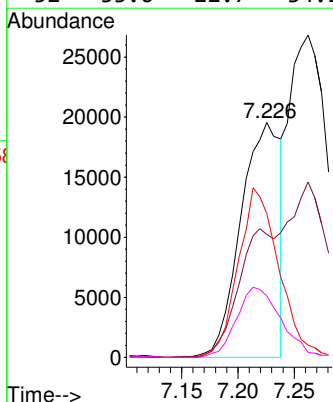
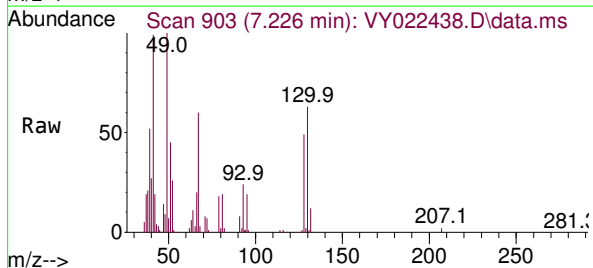
#41
Methacrylonitrile
Concen: 54.858 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.024 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	4793
Ion	Ratio	Lower	Upper
41	100		
39	49.3	40.4	60.6
67	73.9	53.0	79.4
52	33.6	22.7	34.1

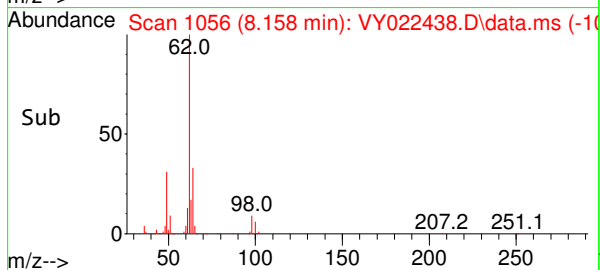
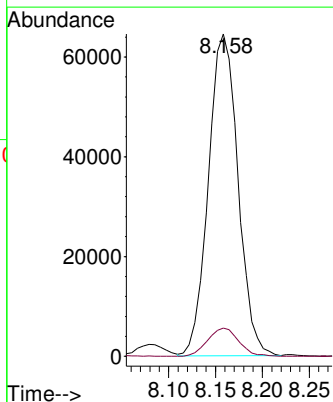
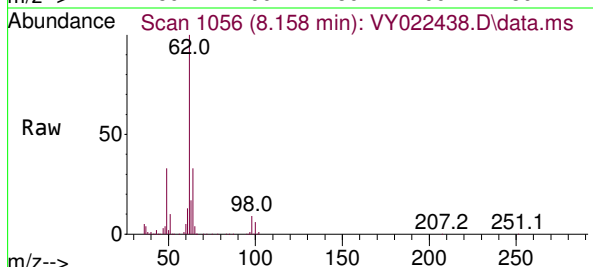
Manual Integrations
APPROVED

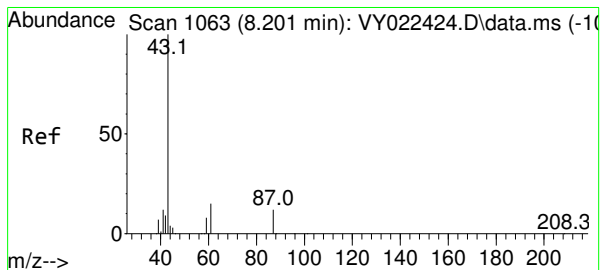
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#42
1,2-Dichloroethane
Concen: 53.251 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:	62	Resp:	141760
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





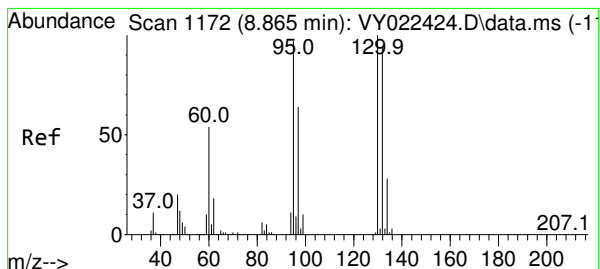
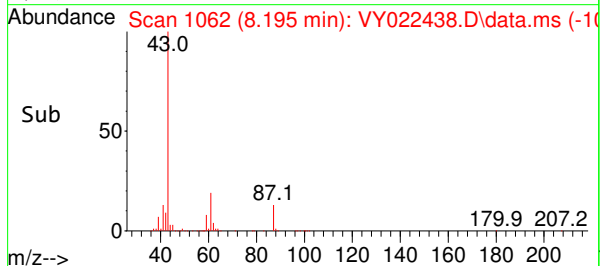
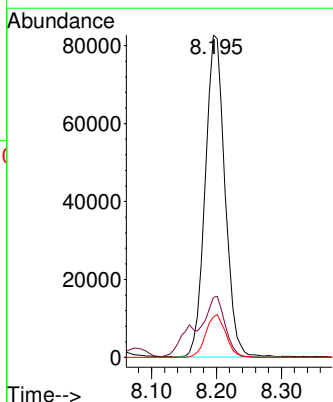
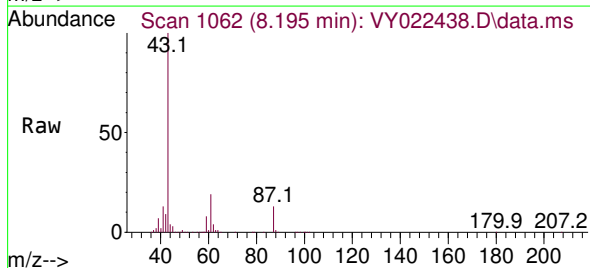
#43
Isopropyl Acetate
Concen: 55.374 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 17419
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.6
87 13.5 10.6 15.8

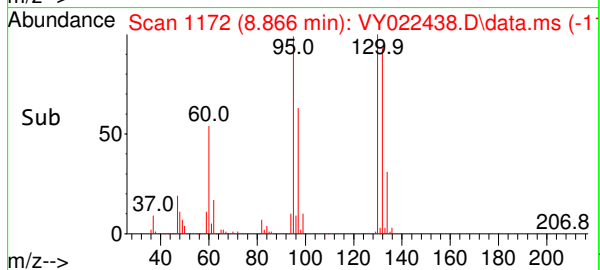
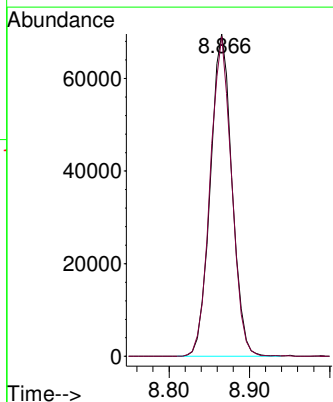
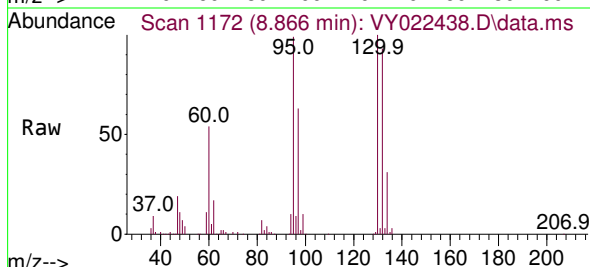
Manual Integrations
APPROVED

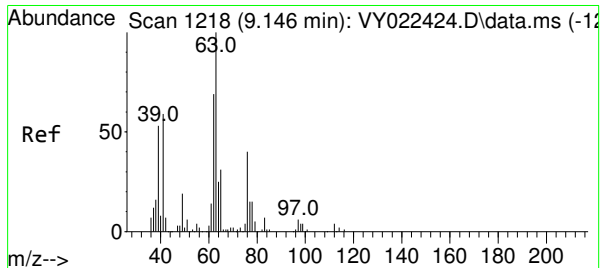
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#44
Trichloroethene
Concen: 52.154 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:130 Resp: 129953
Ion Ratio Lower Upper
130 100
95 99.1 0.0 194.8





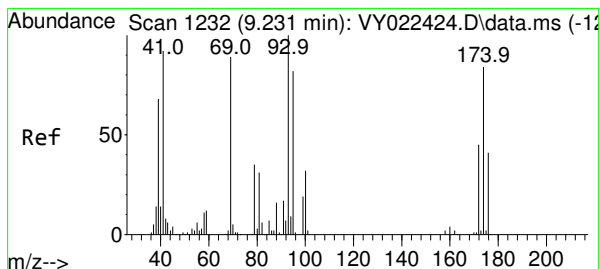
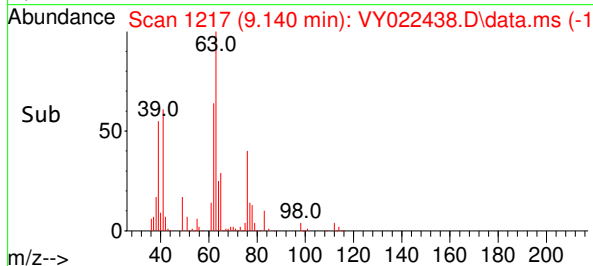
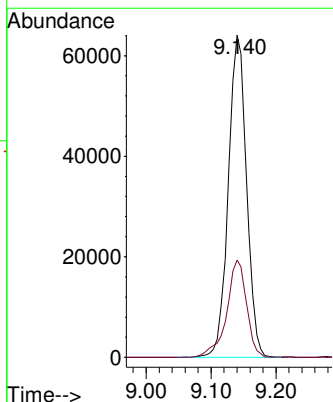
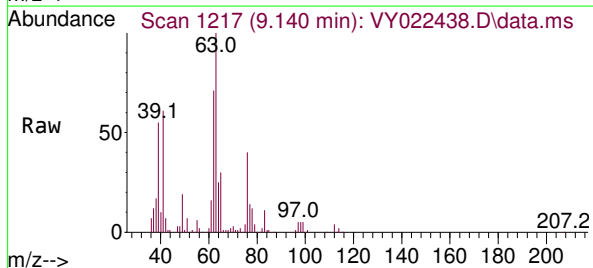
#45
1,2-Dichloropropane
Concen: 52.819 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 12508
Ion Ratio Lower Upper
63 100
65 30.2 25.1 37.7

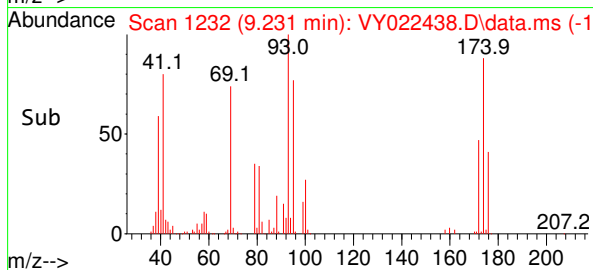
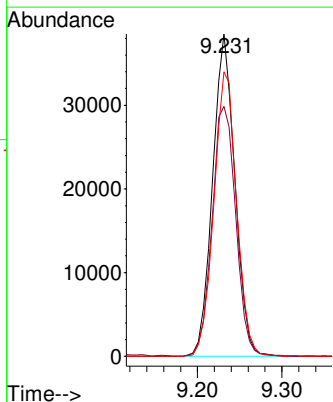
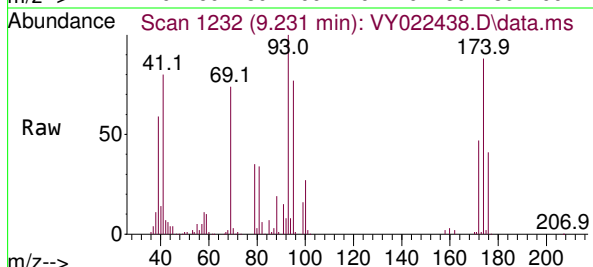
Manual Integrations
APPROVED

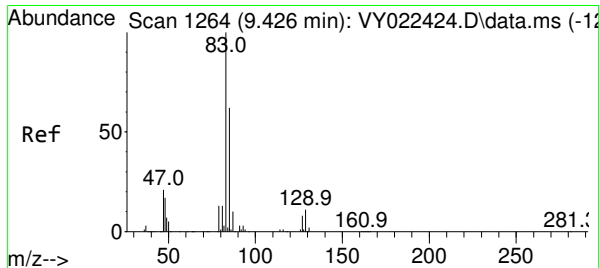
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#46
Dibromomethane
Concen: 53.469 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 93 Resp: 70737
Ion Ratio Lower Upper
93 100
95 82.8 66.2 99.2
174 90.2 71.1 106.7





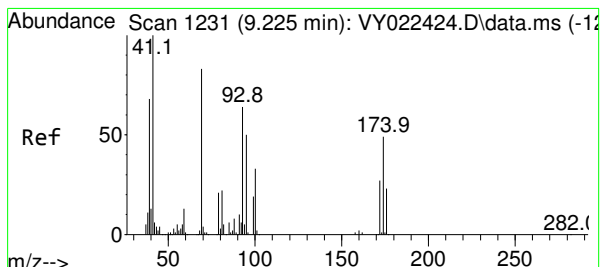
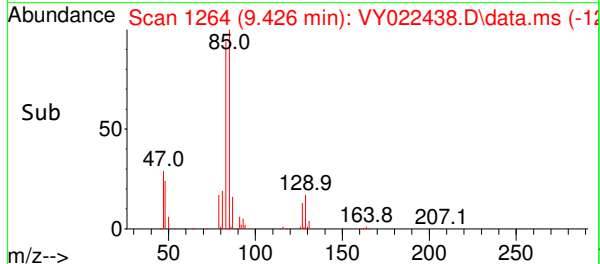
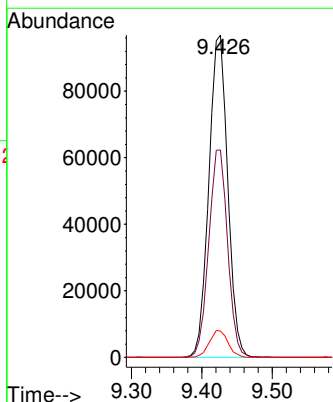
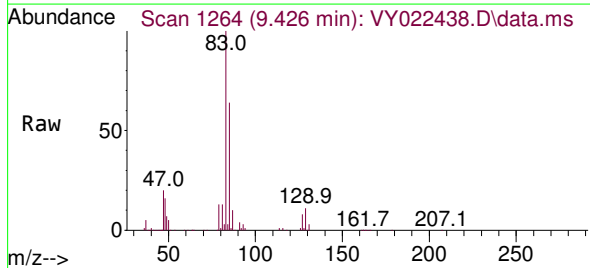
#47
Bromodichloromethane
Concen: 52.966 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 83 Resp: 18019
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 8.2 6.6 9.8

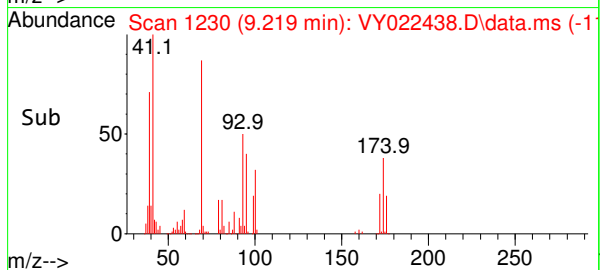
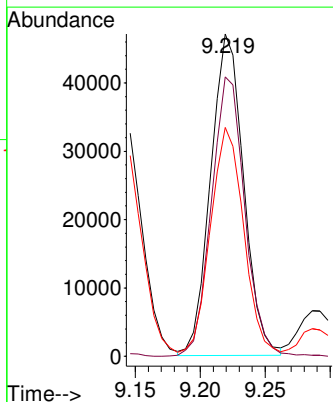
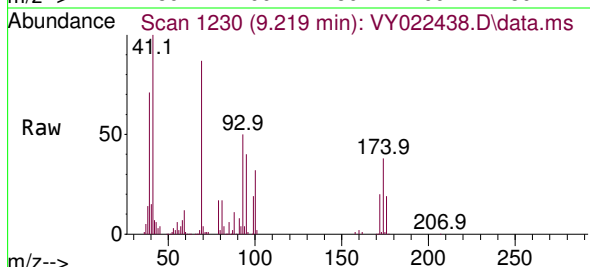
Manual Integrations
APPROVED

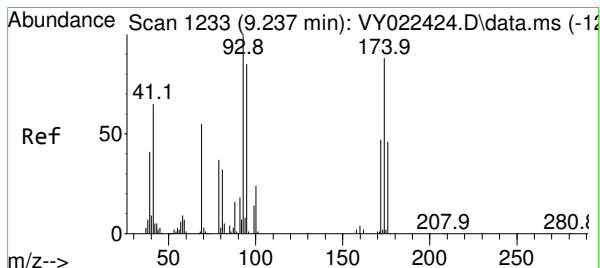
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#48
Methyl methacrylate
Concen: 56.964 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 41 Resp: 83183
Ion Ratio Lower Upper
41 100
69 87.8 70.3 105.5
39 69.7 55.4 83.0





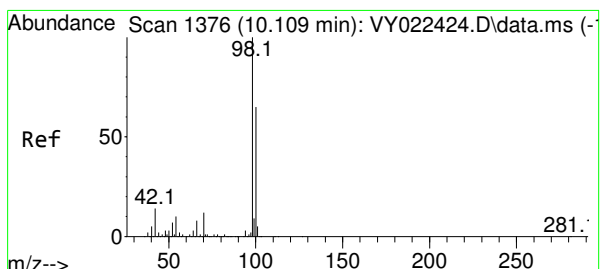
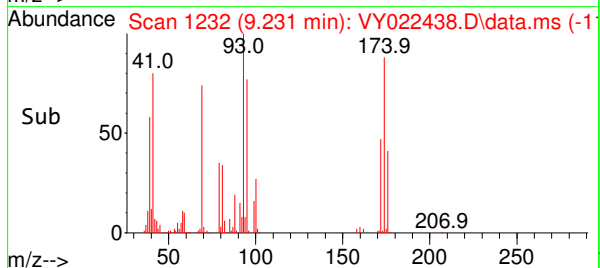
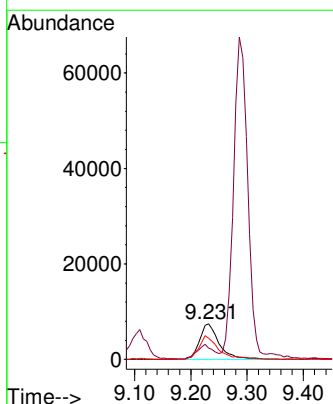
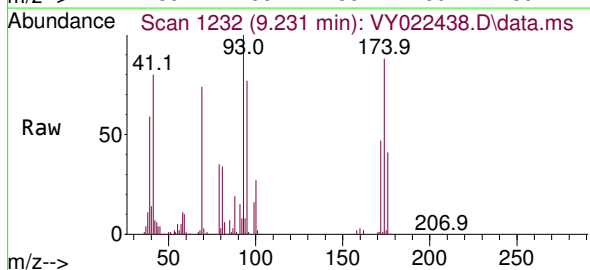
#49
1,4-Dioxane
Concen: 1243.469 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 1817
Ion Ratio Lower Upper
88 100
43 32.5 26.9 40.3
58 66.6 55.8 83.6

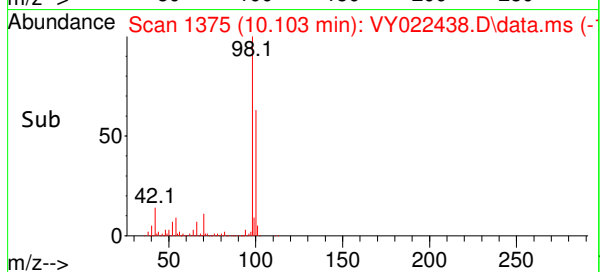
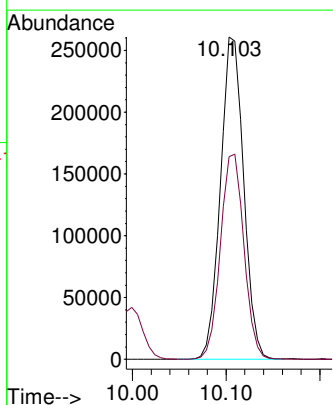
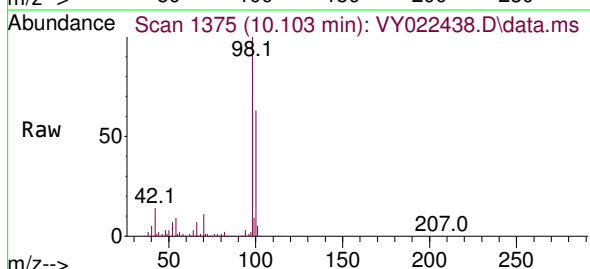
Manual Integrations
APPROVED

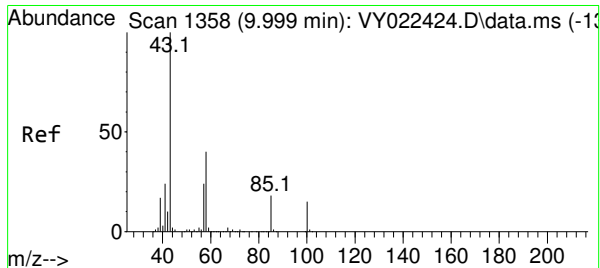
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#50
Toluene-d8
Concen: 51.398 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 98 Resp: 447277
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2





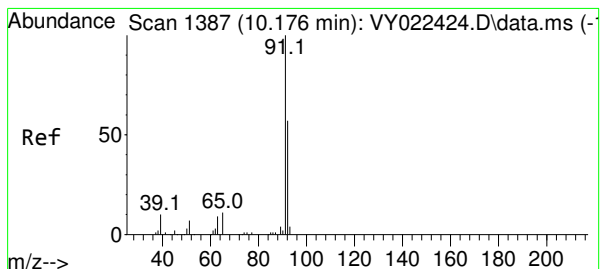
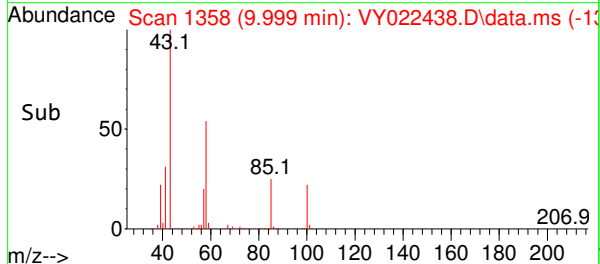
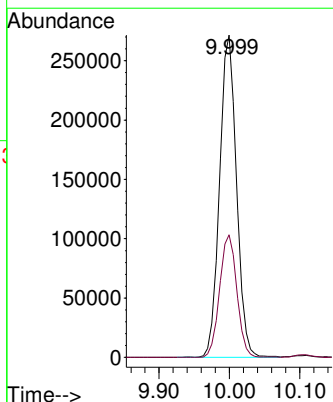
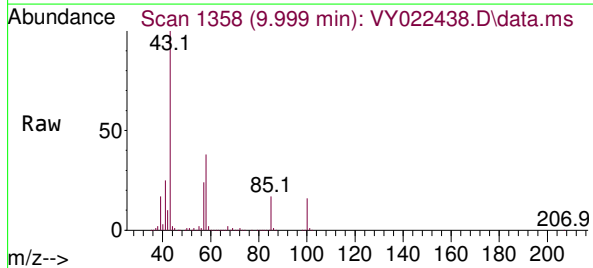
#51
4-Methyl-2-Pentanone
Concen: 292.551 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 45408
Ion Ratio Lower Upper
43 100
58 38.8 31.2 46.8

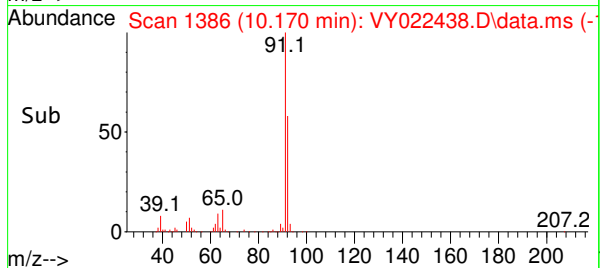
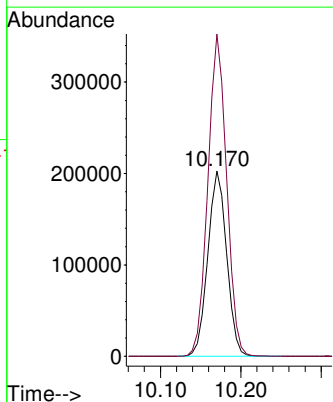
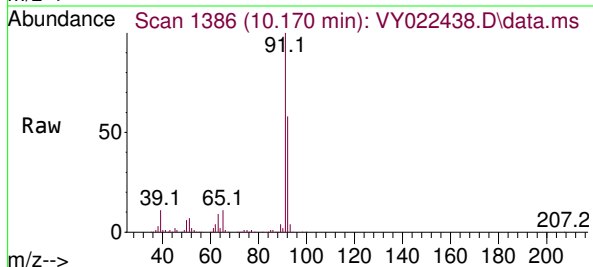
Manual Integrations
APPROVED

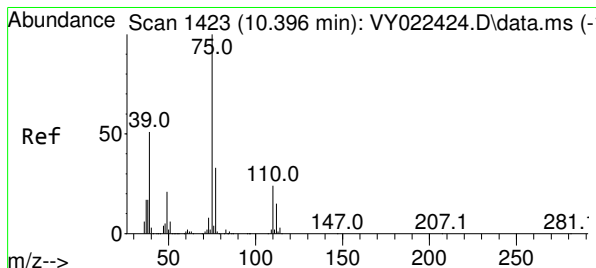
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#52
Toluene
Concen: 52.475 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 92 Resp: 330369
Ion Ratio Lower Upper
92 100
91 172.7 139.8 209.6





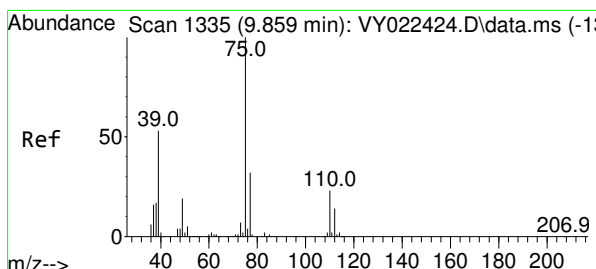
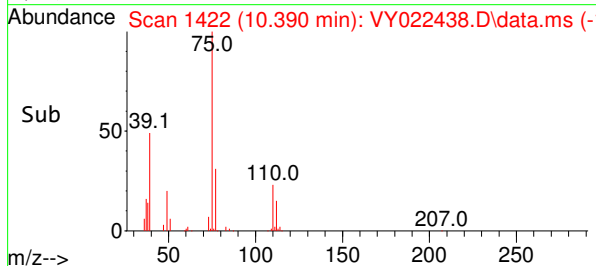
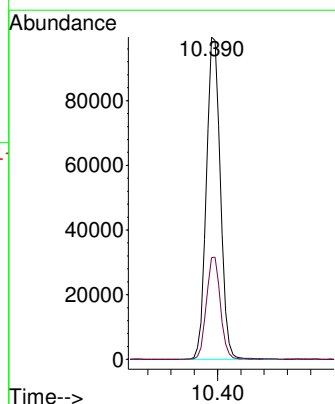
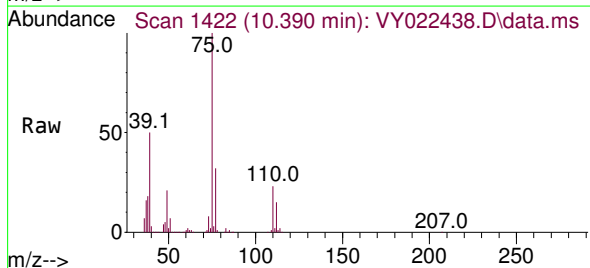
#53
t-1,3-Dichloropropene
Concen: 52.902 ug/l
RT: 10.390 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 16764
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2

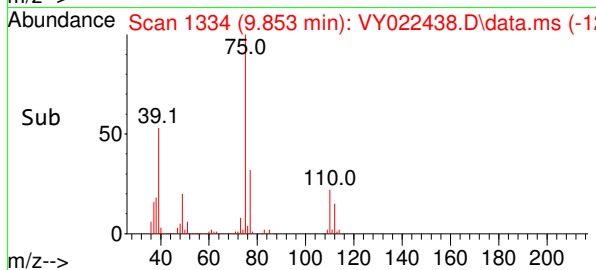
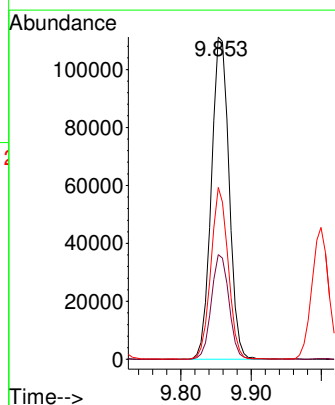
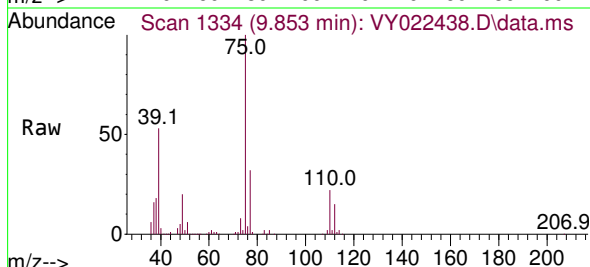
Manual Integrations
APPROVED

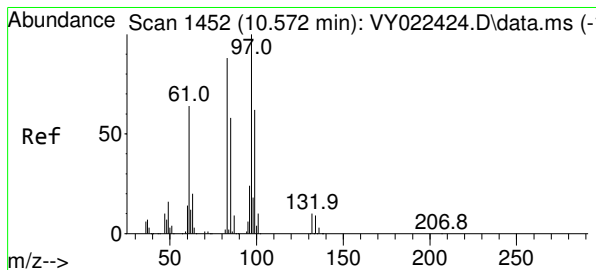
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#54
cis-1,3-Dichloropropene
Concen: 52.274 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 75 Resp: 194643
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2
39 53.3 42.5 63.7





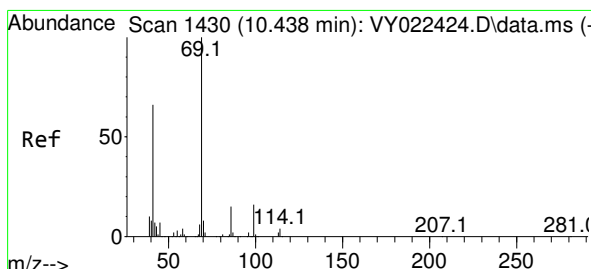
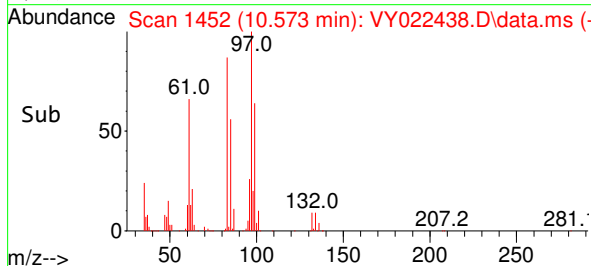
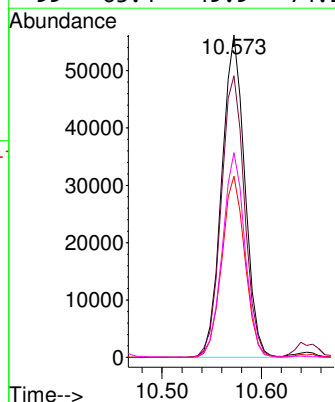
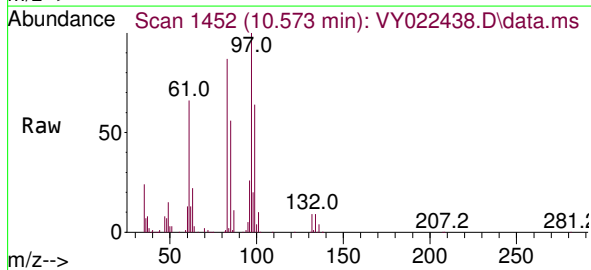
#55
1,1,2-Trichloroethane
Concen: 54.365 ug/l
RT: 10.573 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	9093
Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.2	105.4
85	56.2	46.1	69.1
99	63.4	49.9	74.9

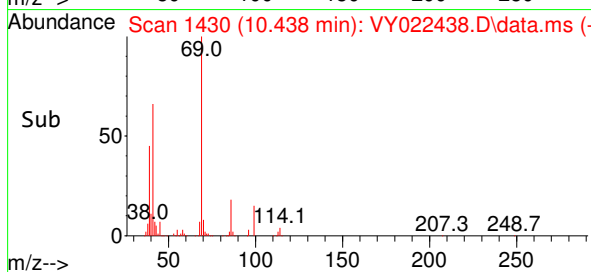
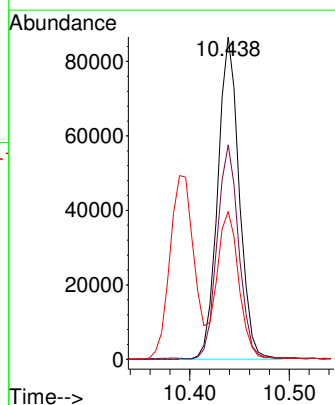
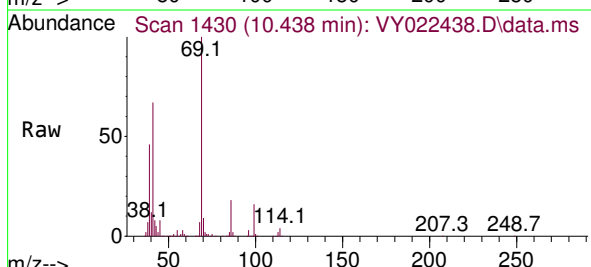
Manual Integrations
APPROVED

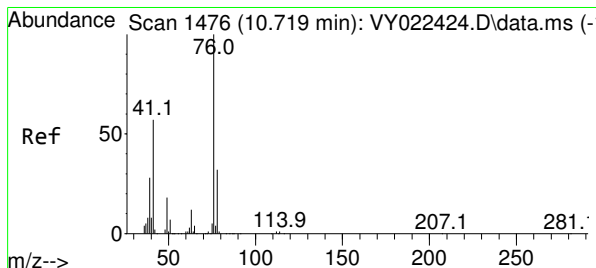
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#56
Ethyl methacrylate
Concen: 54.468 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:	69	Resp:	130742
Ion	Ratio	Lower	Upper
69	100		
41	67.1	51.2	76.8
39	47.1	35.2	52.8





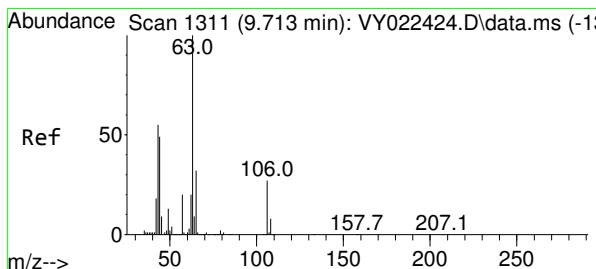
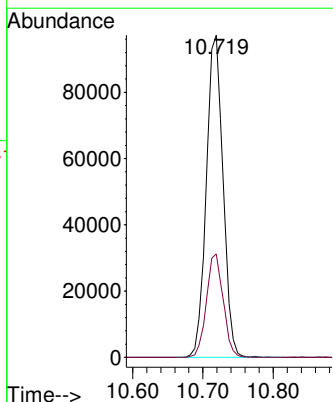
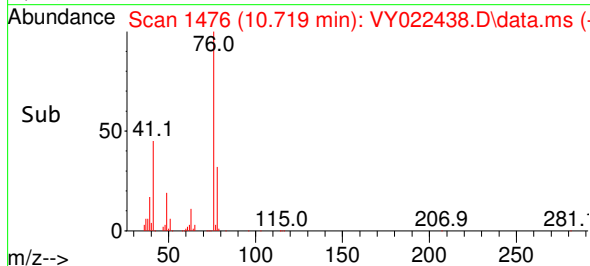
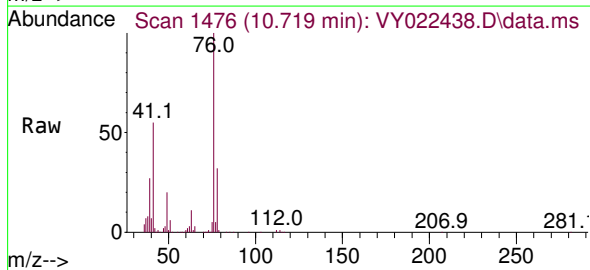
#57
 1,3-Dichloropropane
 Concen: 54.362 ug/l
 RT: 10.719 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VY022438.D
 Acq: 27 May 2025 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 16023
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

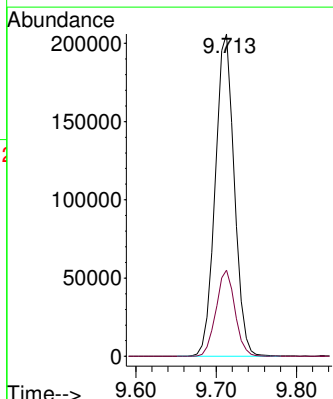
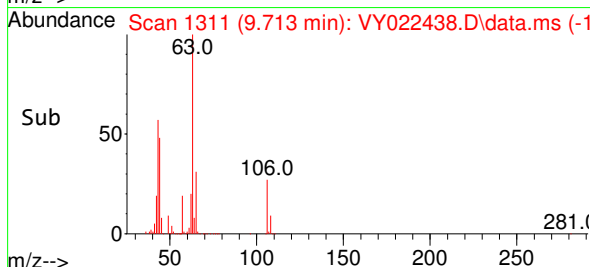
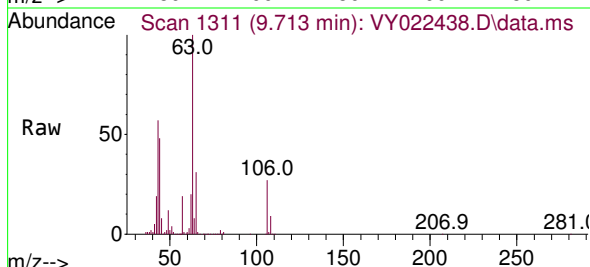
Manual Integrations
 APPROVED

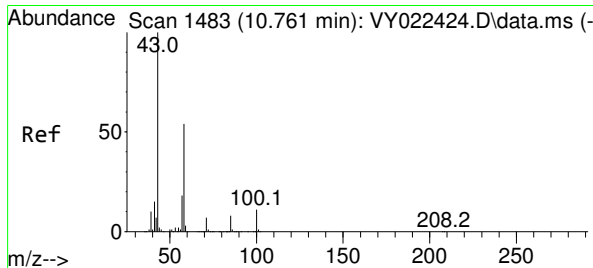
Reviewed By :Amit Patel 05/28/2025
 Supervised By :Mahesh Dadoda 05/28/2025



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.246 ug/l
 RT: 9.713 min Scan# 1311
 Delta R.T. 0.000 min
 Lab File: VY022438.D
 Acq: 27 May 2025 17:10

Tgt Ion: 63 Resp: 337645
 Ion Ratio Lower Upper
 63 100
 106 26.6 22.2 33.2





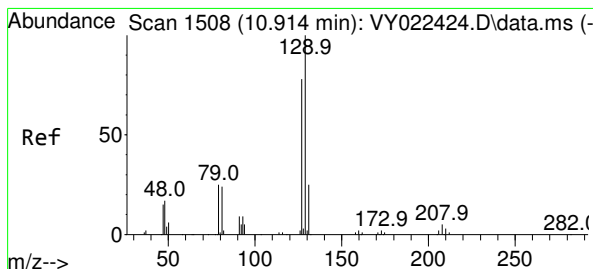
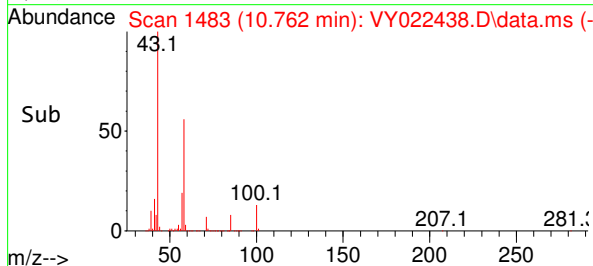
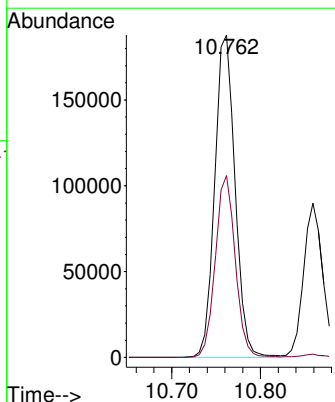
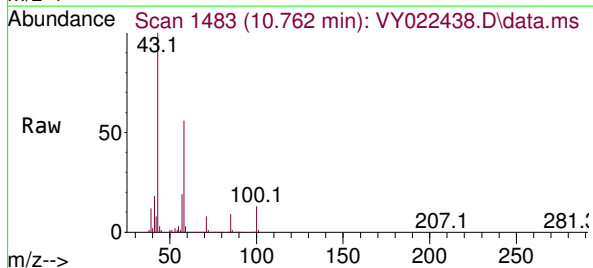
#59
2-Hexanone
Concen: 295.339 ug/l
RT: 10.762 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 30041
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.2

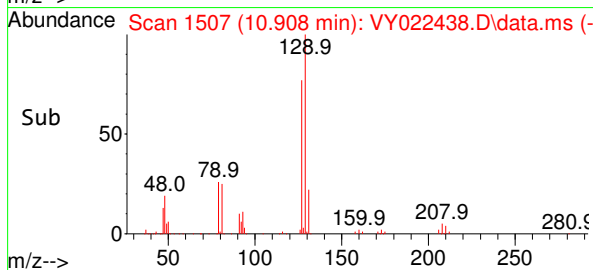
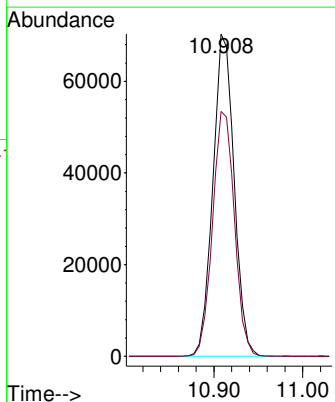
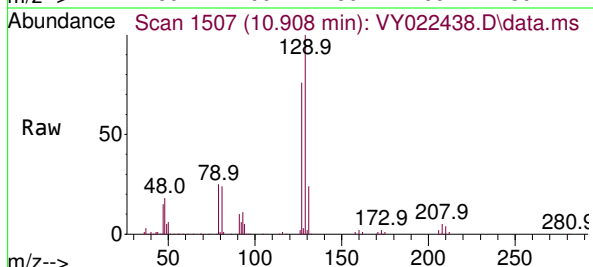
Manual Integrations
APPROVED

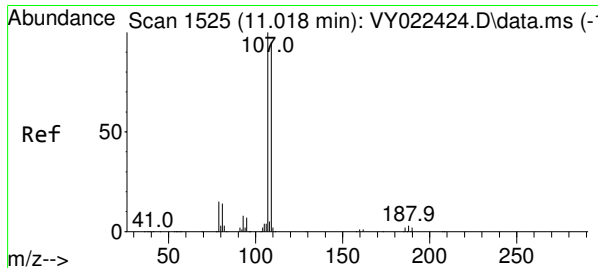
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#60
Dibromochloromethane
Concen: 54.851 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:129 Resp: 117196
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.8





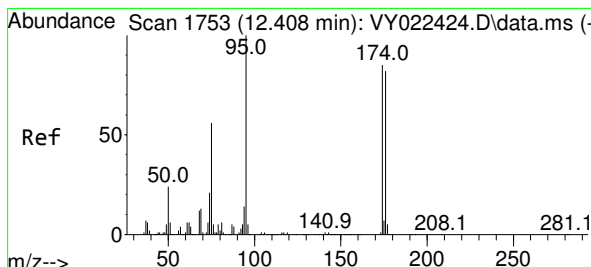
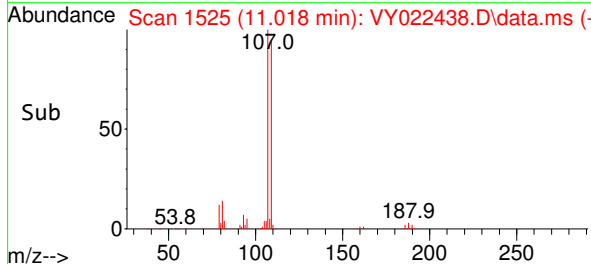
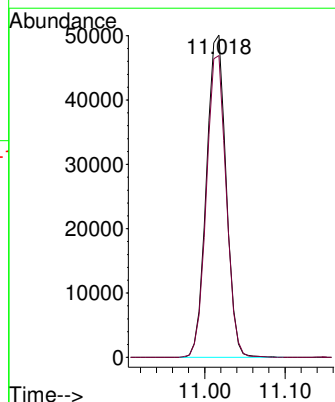
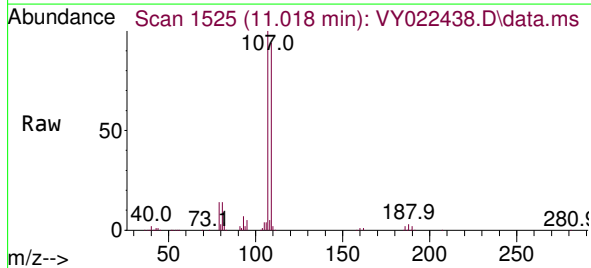
#61
1,2-Dibromoethane
Concen: 55.550 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 107 Resp: 8498
Ion Ratio Lower Upper
107 100
109 94.4 74.0 111.0

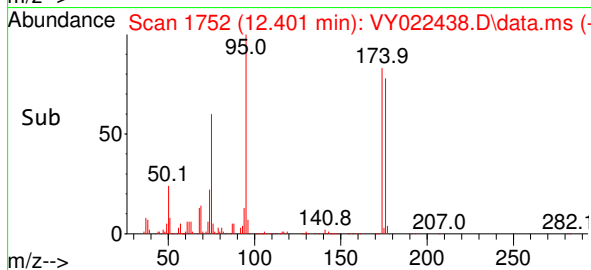
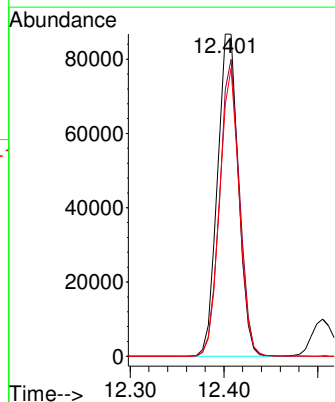
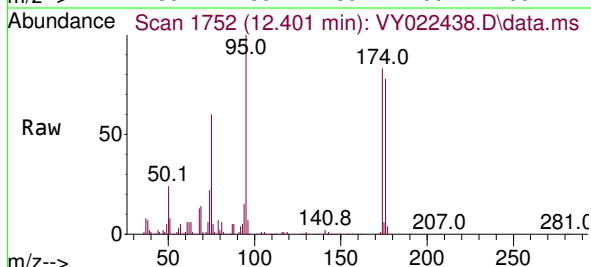
Manual Integrations
APPROVED

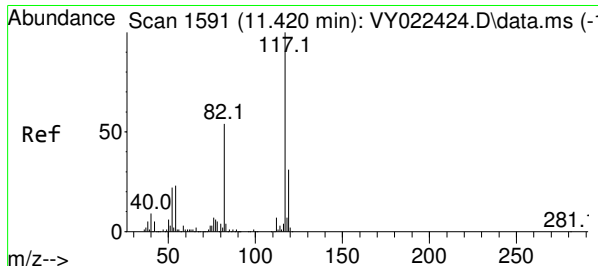
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#62
4-Bromofluorobenzene
Concen: 50.890 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 95 Resp: 133956
Ion Ratio Lower Upper
95 100
174 87.5 0.0 171.6
176 84.0 0.0 164.6





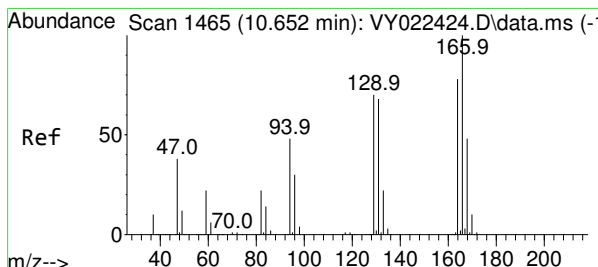
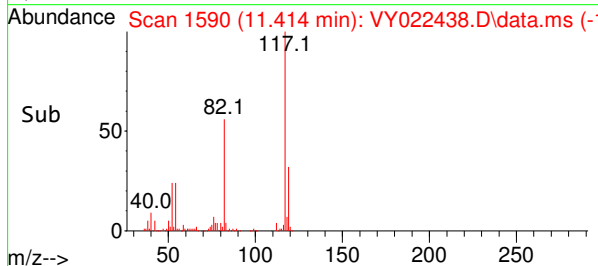
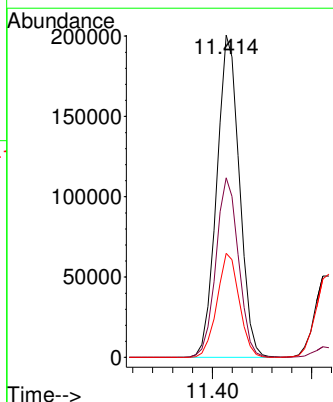
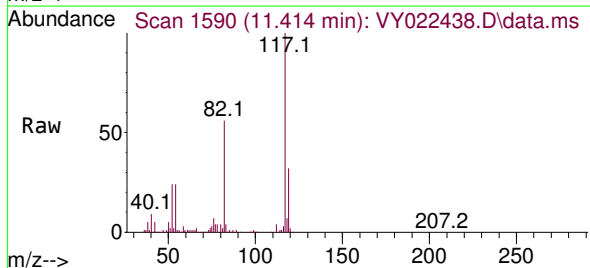
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 31976
Ion Ratio Lower Upper
117 100
82 55.7 43.3 64.9
119 32.3 24.5 36.7

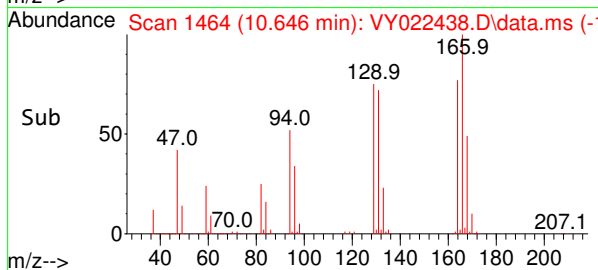
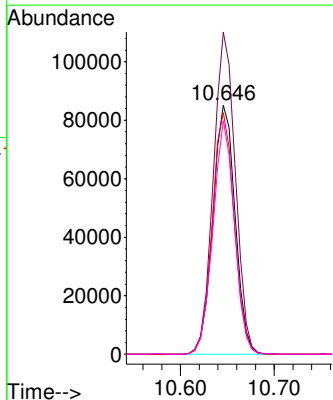
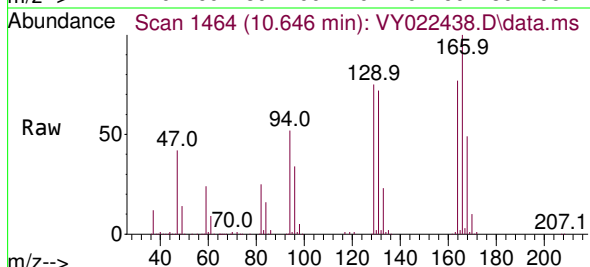
Manual Integrations
APPROVED

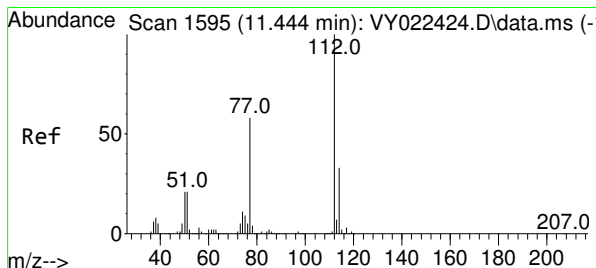
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#64
Tetrachloroethene
Concen: 51.564 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:164 Resp: 140398
Ion Ratio Lower Upper
164 100
166 129.4 102.0 153.0
129 97.0 71.3 106.9
131 93.8 69.4 104.0





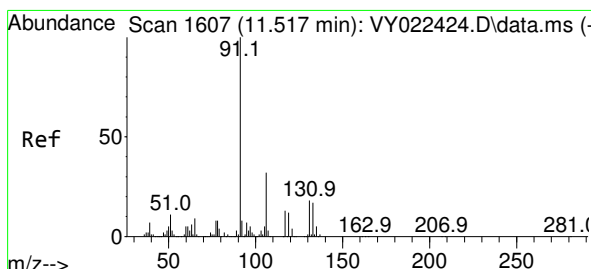
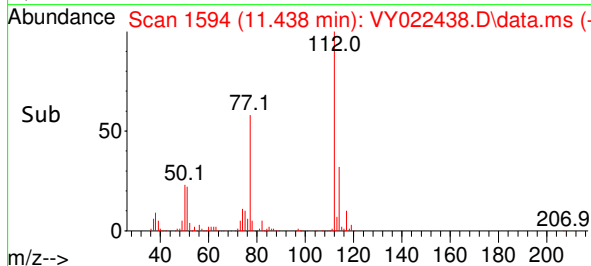
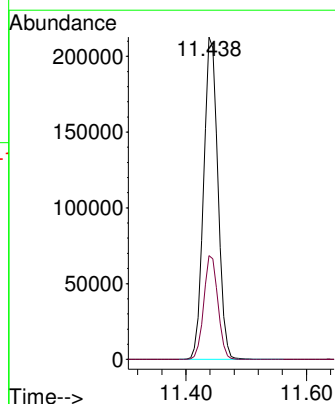
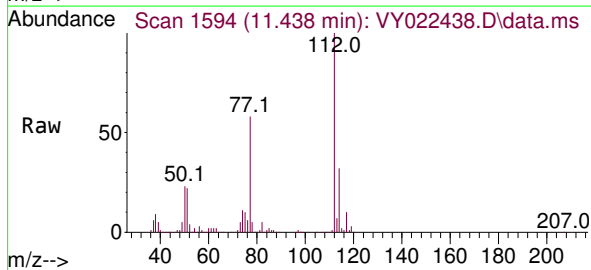
#65
Chlorobenzene
Concen: 51.070 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 34814
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1

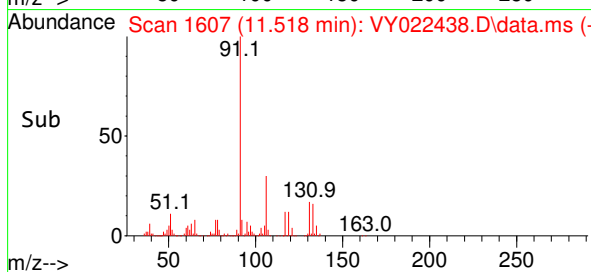
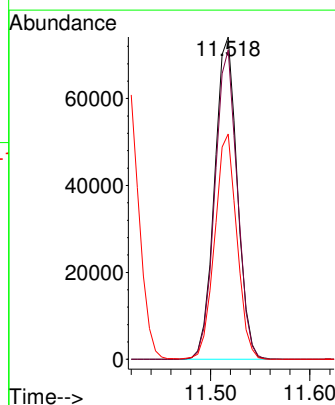
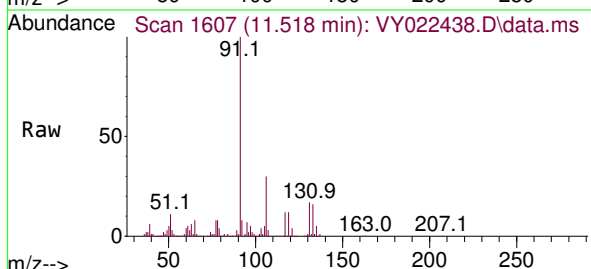
Manual Integrations
APPROVED

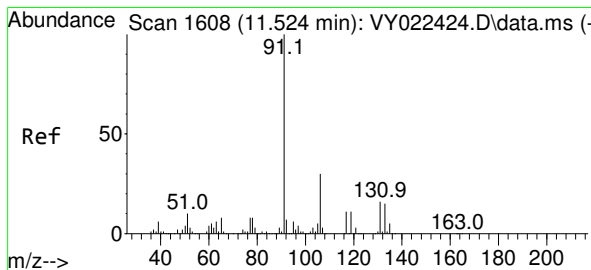
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.150 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:131 Resp: 118142
Ion Ratio Lower Upper
131 100
133 95.0 46.6 139.8
119 68.5 33.3 99.8





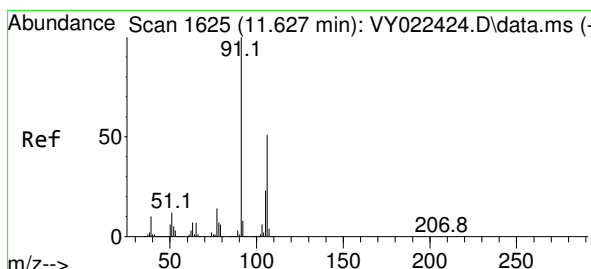
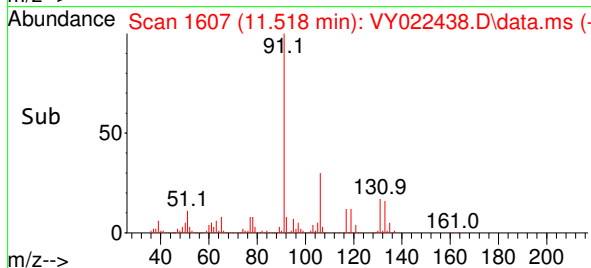
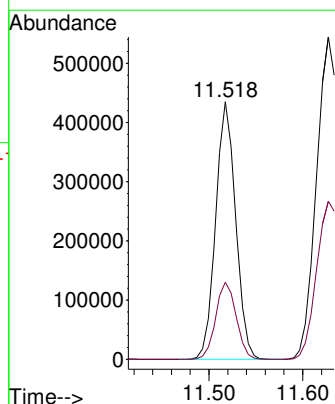
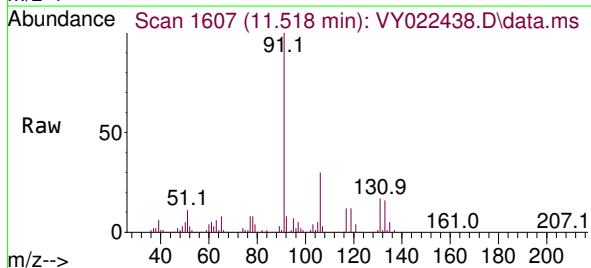
#67
Ethyl Benzene
Concen: 50.620 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 64074
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6

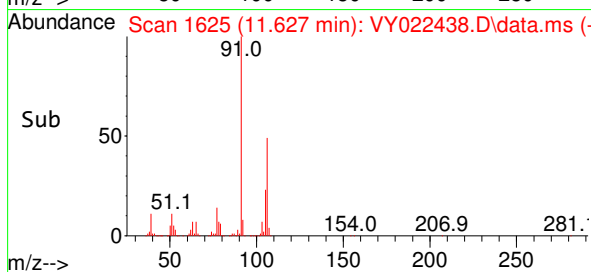
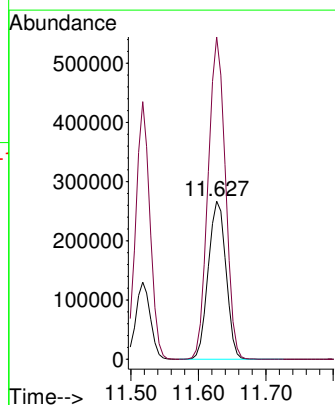
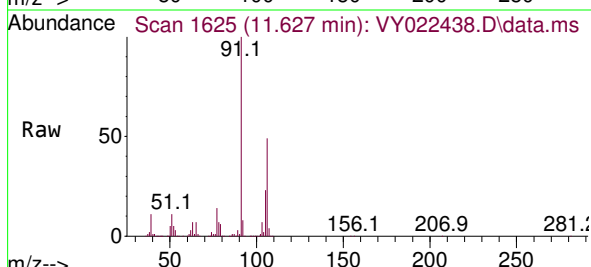
Manual Integrations
APPROVED

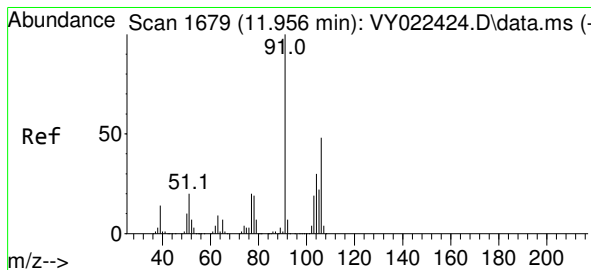
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#68
m/p-Xylenes
Concen: 101.074 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:106 Resp: 485062
Ion Ratio Lower Upper
106 100
91 198.6 159.8 239.8





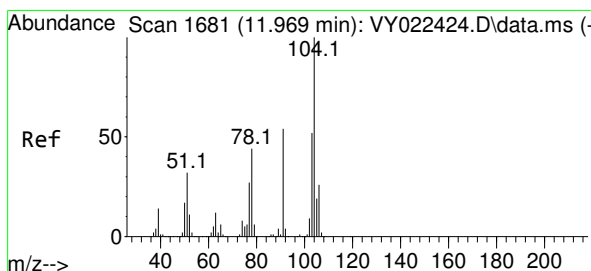
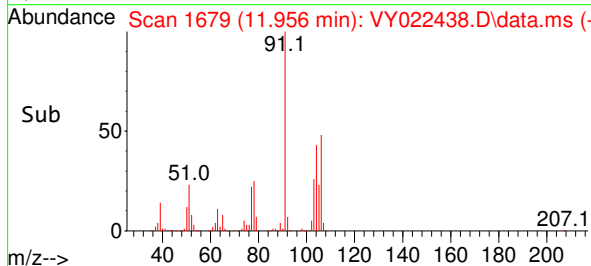
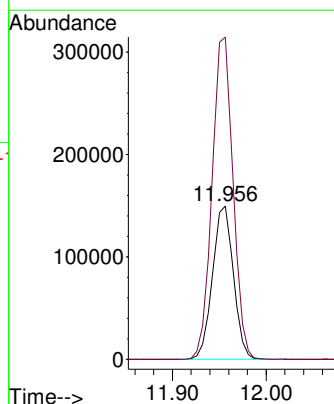
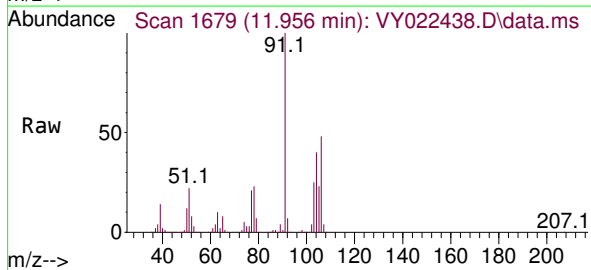
#69
o-Xylene
Concen: 51.375 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 23172
Ion Ratio Lower Upper
106 100
91 211.1 106.3 318.9

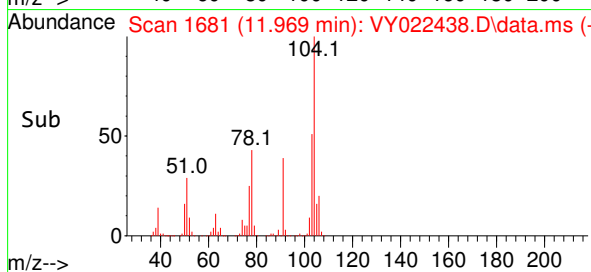
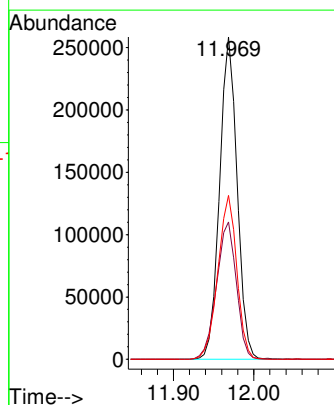
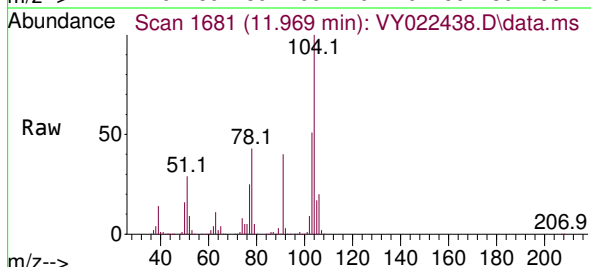
Manual Integrations
APPROVED

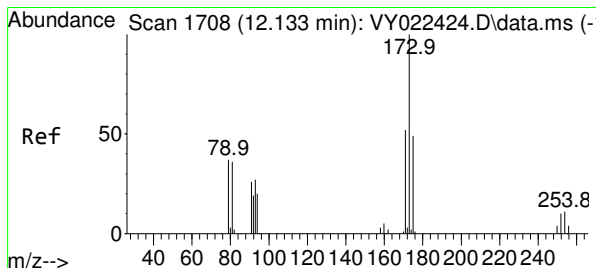
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#70
Styrene
Concen: 52.127 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:104 Resp: 391490
Ion Ratio Lower Upper
104 100
78 48.1 38.8 58.2
103 54.9 43.4 65.2





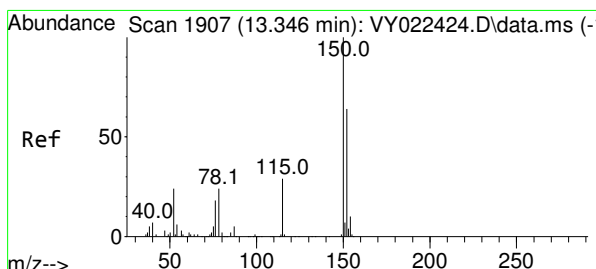
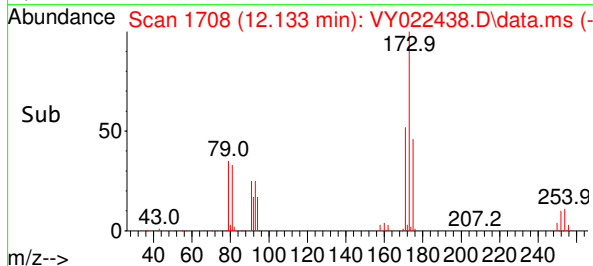
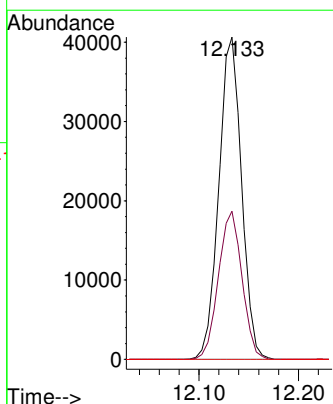
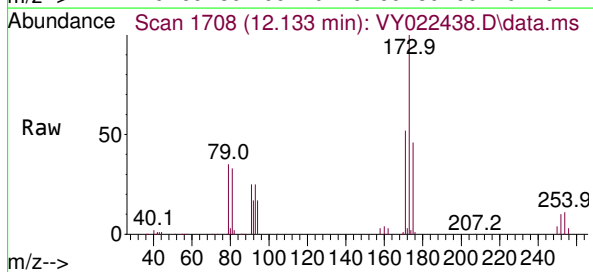
#71
Bromoform
Concen: 53.724 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 6499
Ion Ratio Lower Upper
173 100
175 47.8 24.3 73.0
254 0.0 0.1 0.1

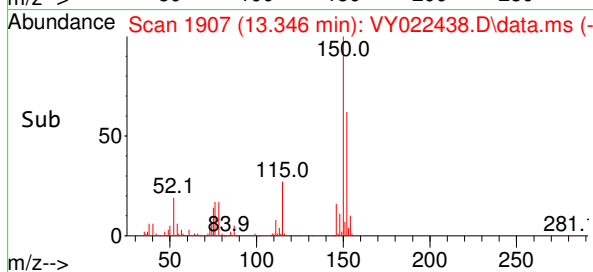
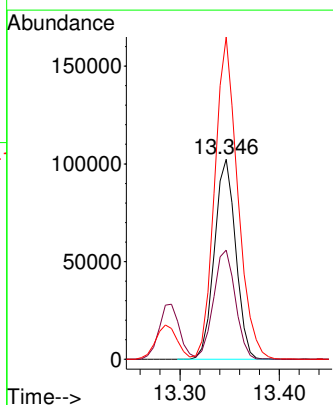
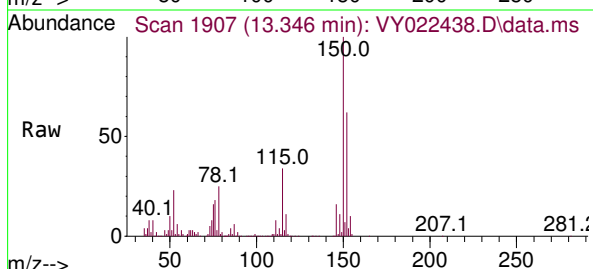
Manual Integrations
APPROVED

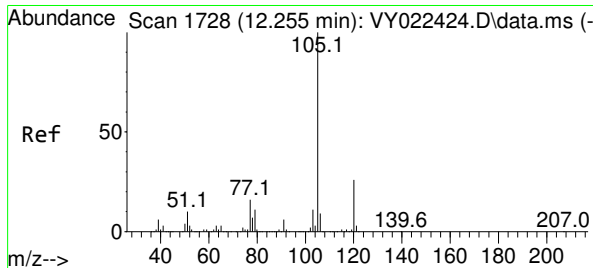
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:152 Resp: 153246
Ion Ratio Lower Upper
152 100
115 56.2 28.4 85.3
150 174.3 0.0 345.8





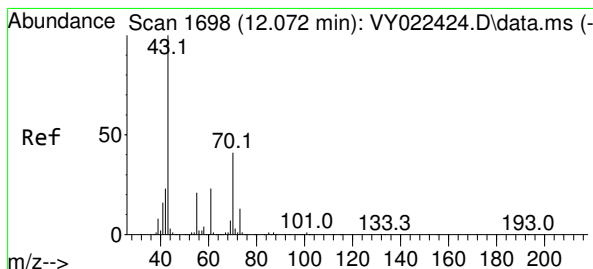
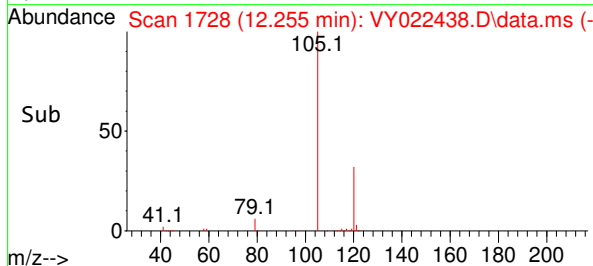
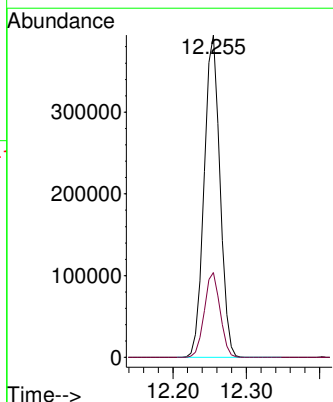
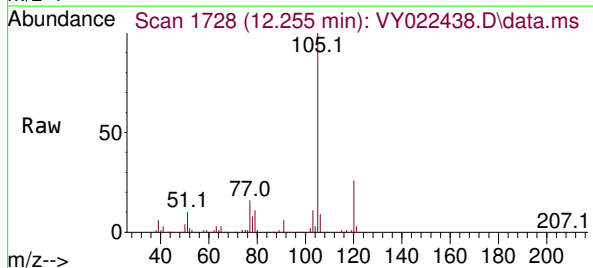
#73
Isopropylbenzene
Concen: 48.816 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 105 Resp: 58876
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5

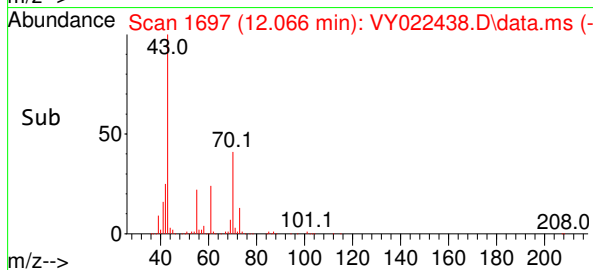
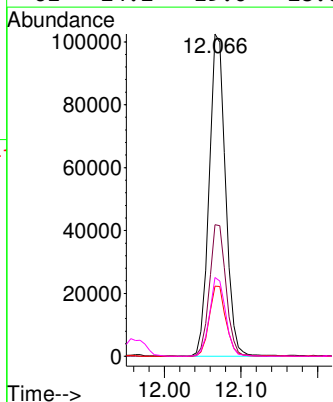
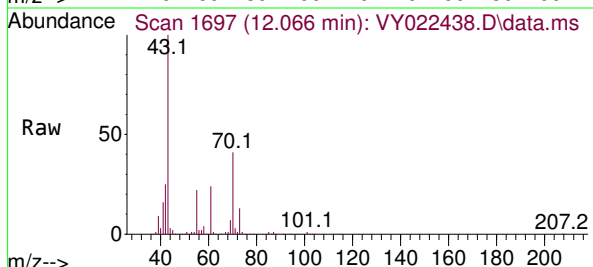
Manual Integrations
APPROVED

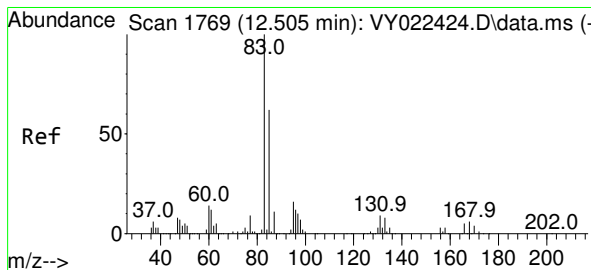
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#74
N-ethyl acetate
Concen: 51.341 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 43 Resp: 151521
Ion Ratio Lower Upper
43 100
70 41.5 33.0 49.4
55 22.2 17.5 26.3
61 24.2 19.0 28.6





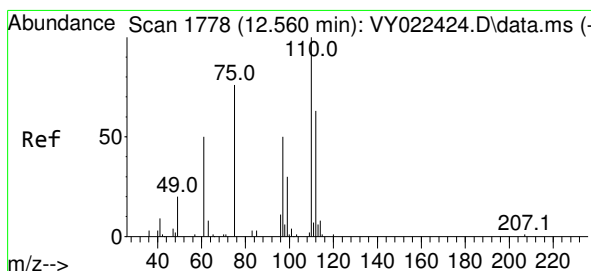
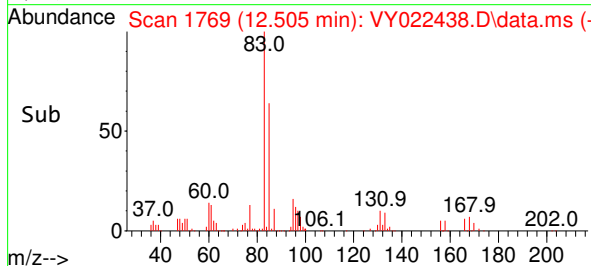
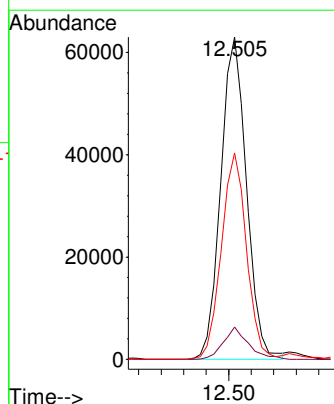
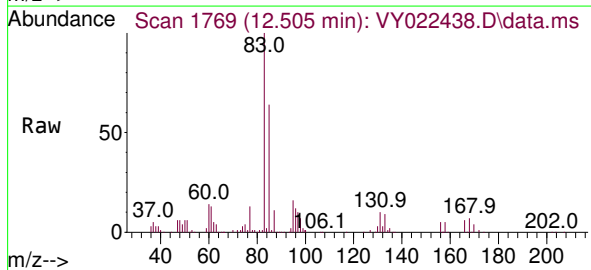
#75
1,1,2,2-Tetrachloroethane
Concen: 52.620 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.8	14.4
85	62.3	32.0	96.2

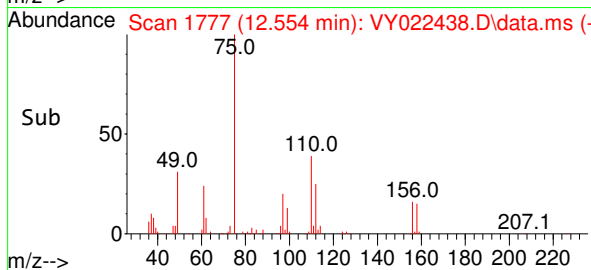
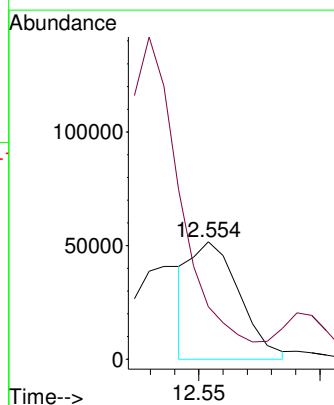
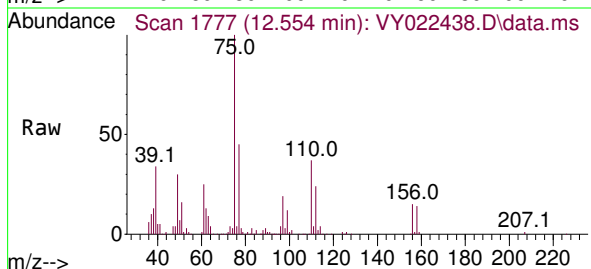
Manual Integrations
APPROVED

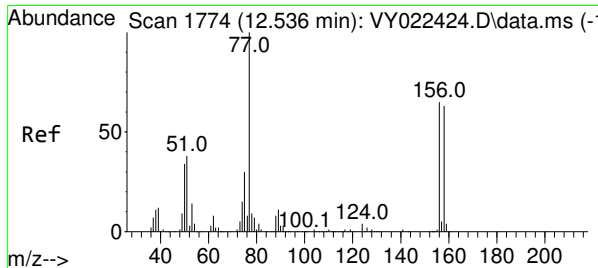
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#76
1,2,3-Trichloropropane
Concen: 47.286 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





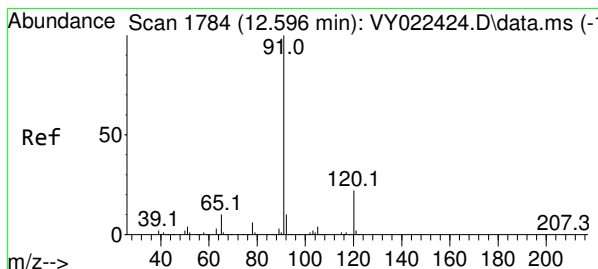
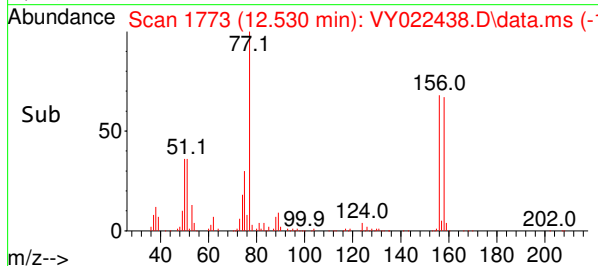
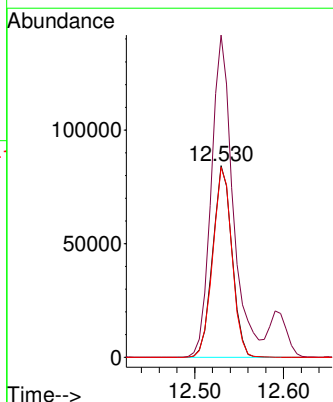
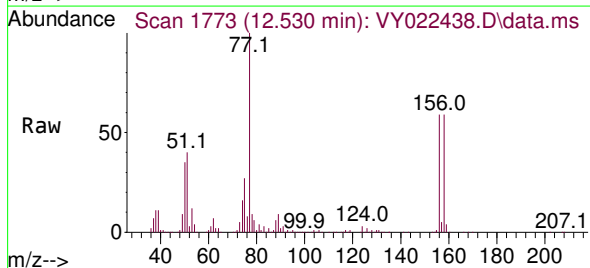
#77
Bromobenzene
Concen: 49.317 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDC050EC

Tgt Ion:156 Resp: 12800
Ion Ratio Lower Upper
156 100
77 187.8 91.4 274.2
158 98.4 48.1 144.3

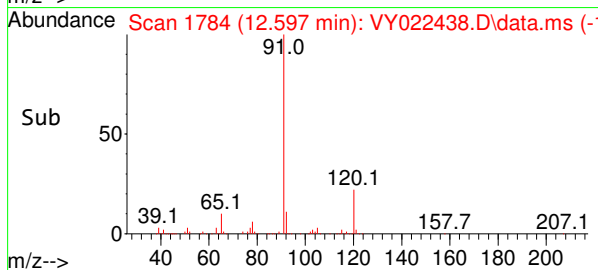
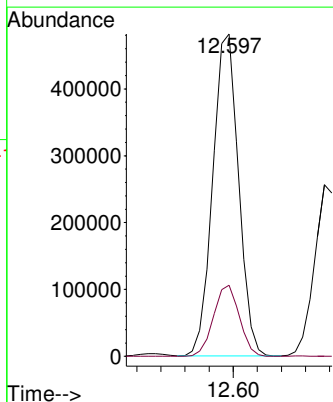
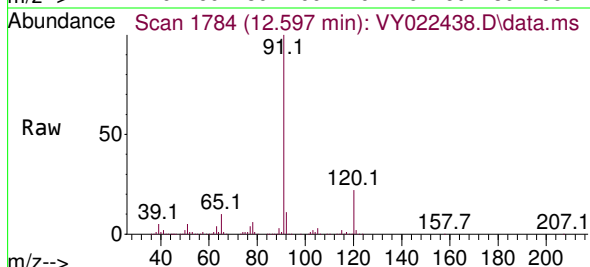
Manual Integrations
APPROVED

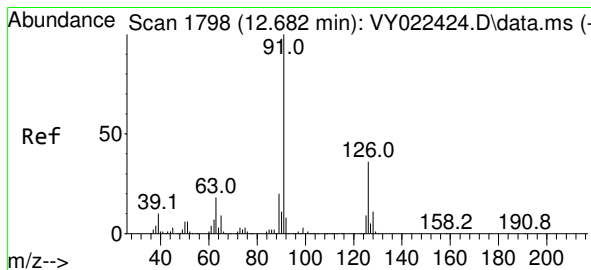
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#78
n-propylbenzene
Concen: 49.384 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 91 Resp: 714786
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.5





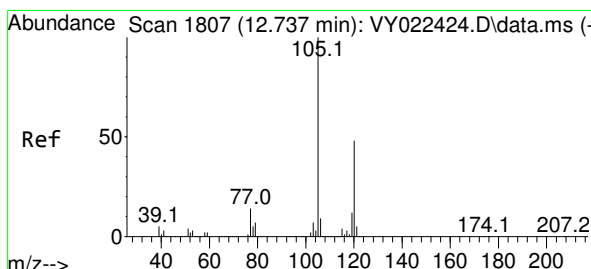
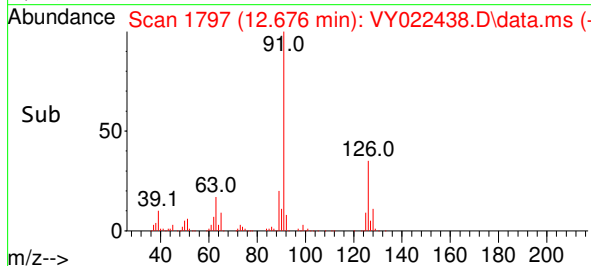
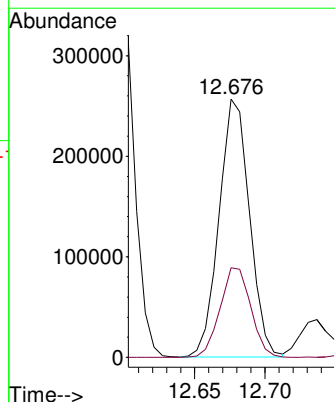
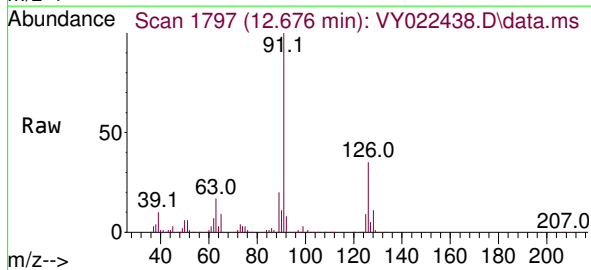
#79
2-Chlorotoluene
Concen: 49.327 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 38648
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.3

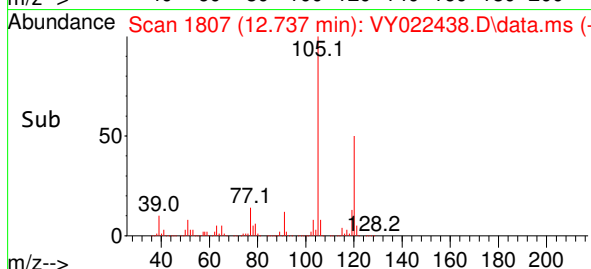
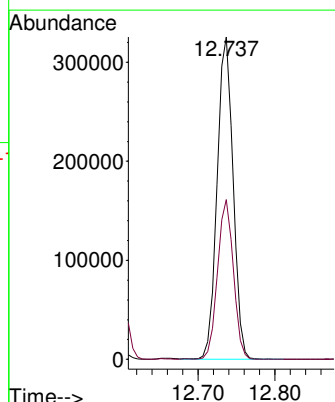
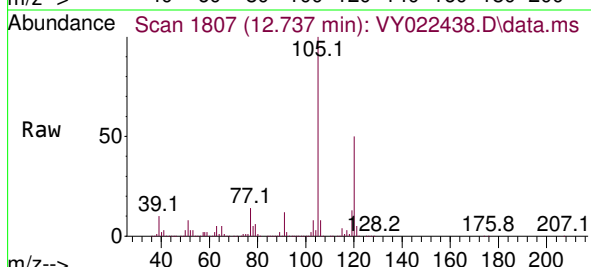
Manual Integrations
APPROVED

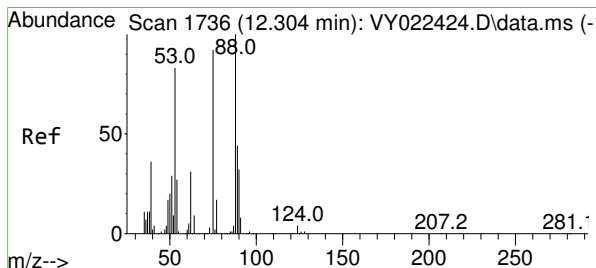
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.937 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:105 Resp: 470592
Ion Ratio Lower Upper
105 100
120 49.1 24.3 73.0





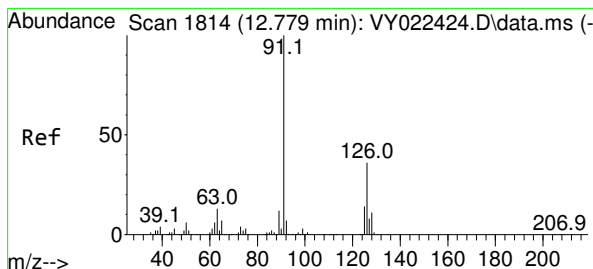
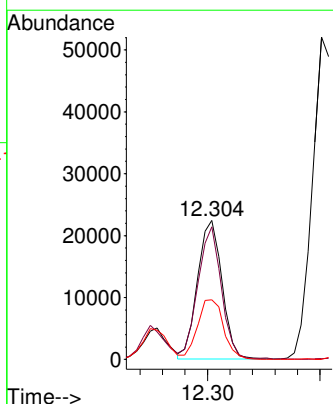
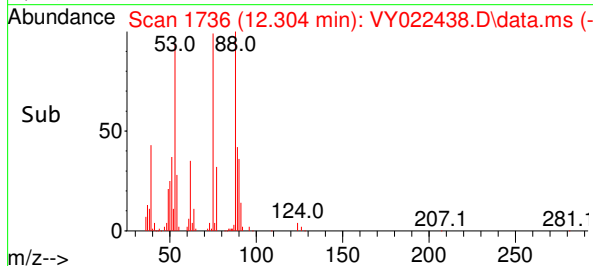
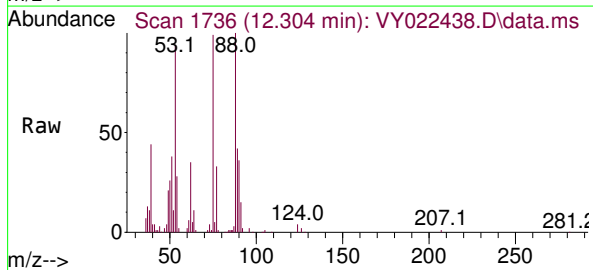
#81
trans-1,4-Dichloro-2-butene
Concen: 49.765 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 75 Resp: 3377
Ion Ratio Lower Upper
75 100
53 93.5 75.1 112.7
89 46.3 37.4 56.6

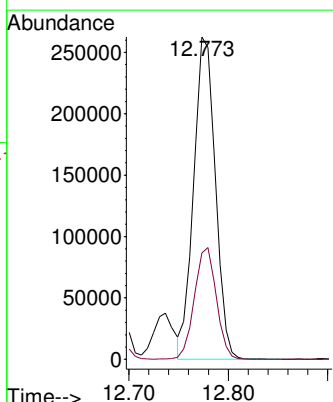
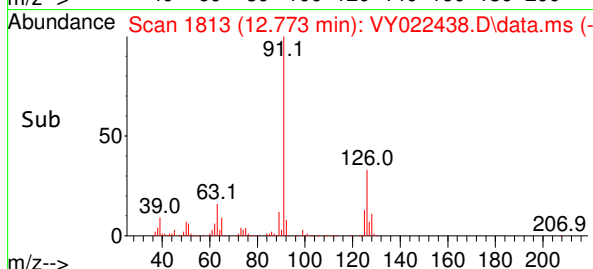
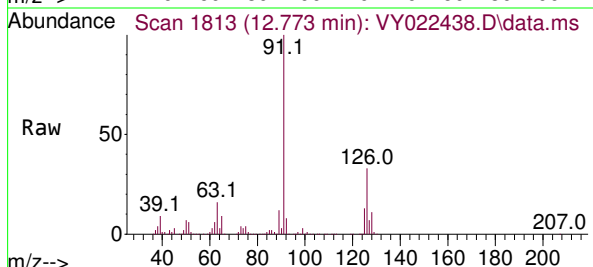
Manual Integrations
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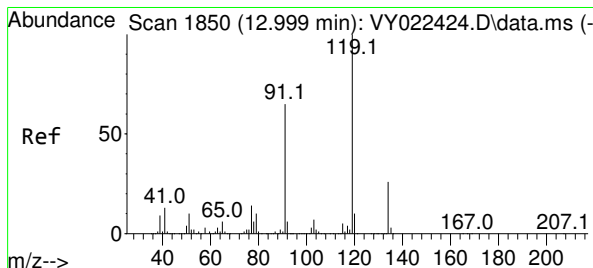
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#82
4-Chlorotoluene
Concen: 49.180 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 91 Resp: 396857
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





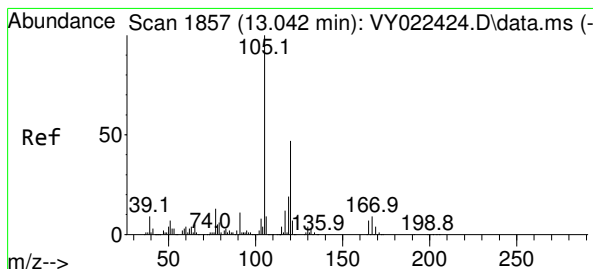
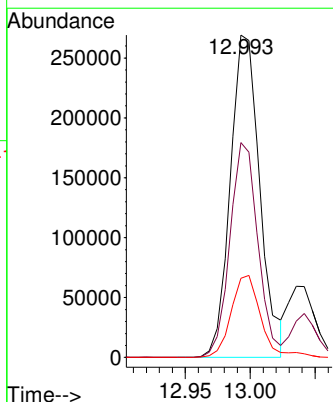
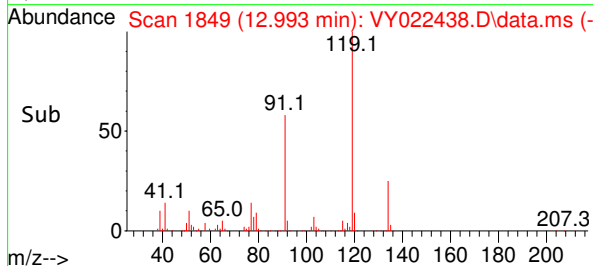
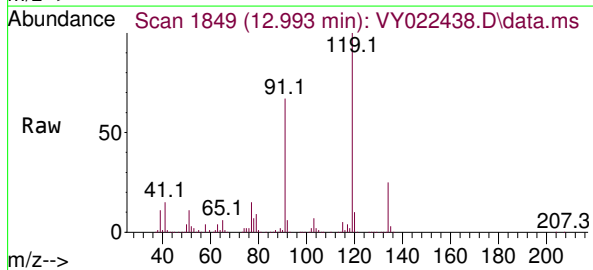
#83
tert-Butylbenzene
Concen: 49.935 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 42516
Ion Ratio Lower Upper
119 100
91 63.2 31.8 95.3
134 25.6 13.0 38.9

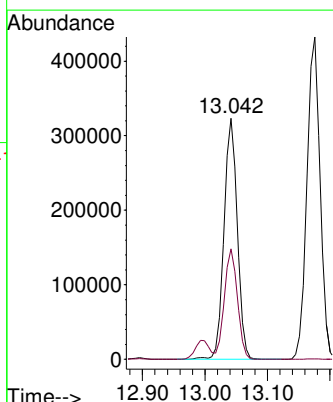
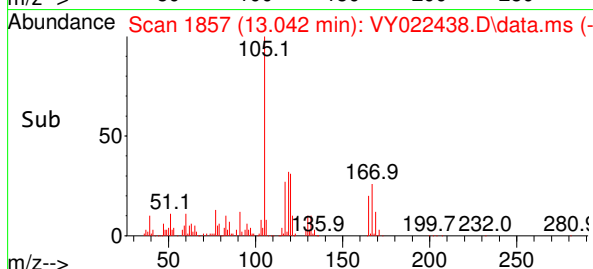
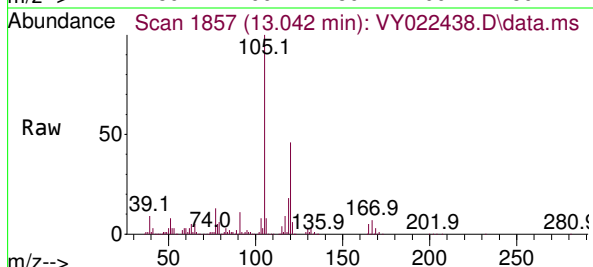
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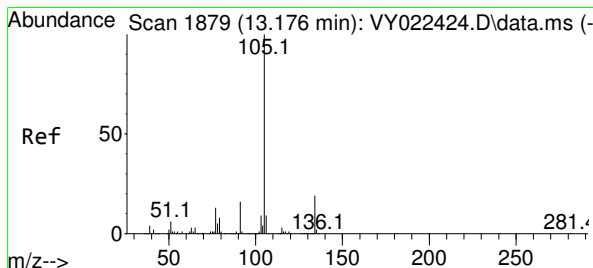
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 50.013 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:105 Resp: 474294
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 49.747 ug/l

RT: 13.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022438.D

Acq: 27 May 2025 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 62815

Ion Ratio Lower Upper

105 100

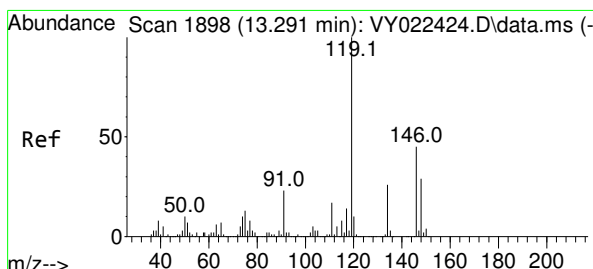
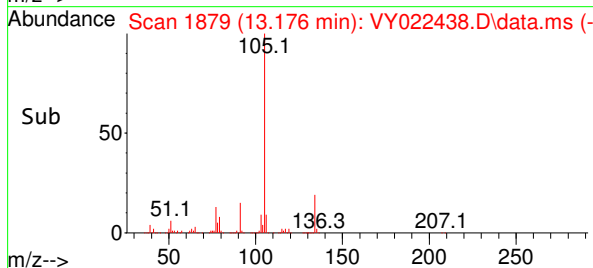
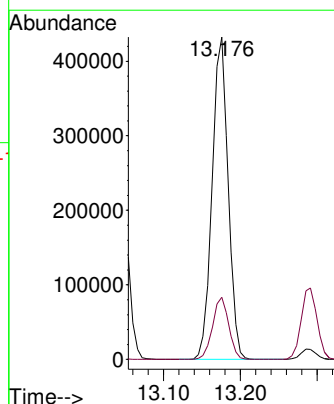
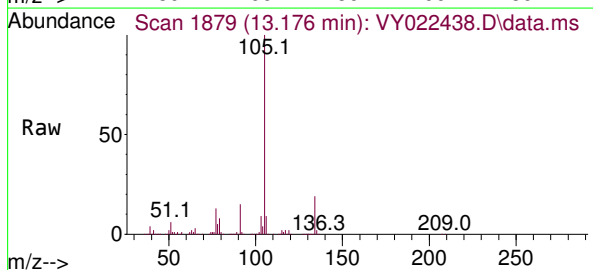
134 19.4 9.7 29.1

Manual Integrations

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Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#86

p-Isopropyltoluene

Concen: 49.668 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022438.D

Acq: 27 May 2025 17:10

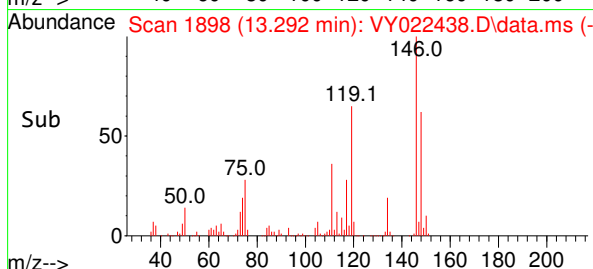
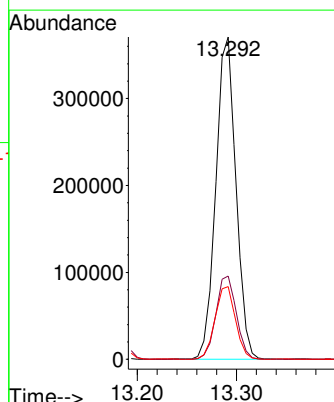
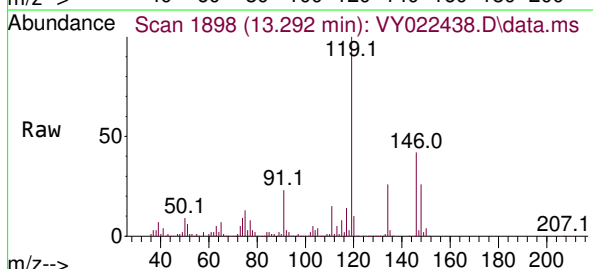
Tgt Ion:119 Resp: 523705

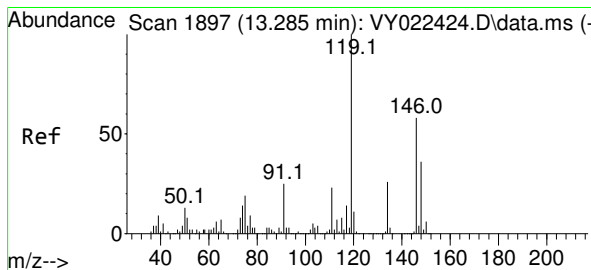
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 49.914 ug/l

RT: 13.285 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022438.D

Acq: 27 May 2025 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 26066

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.8

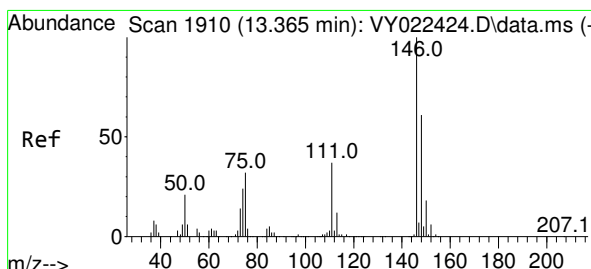
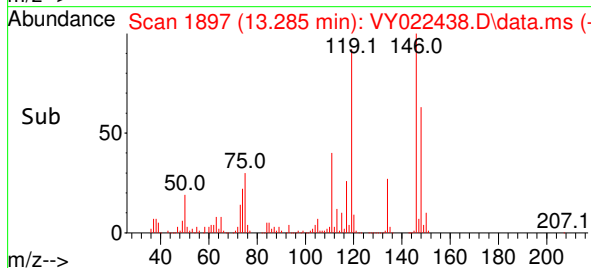
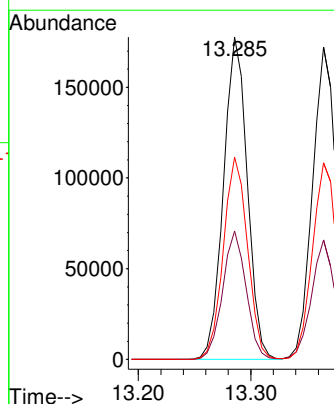
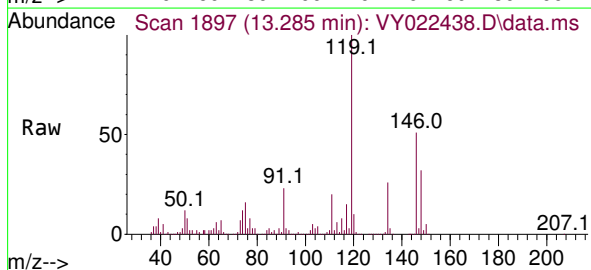
148 63.7 31.7 95.1

Manual Integrations

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Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#88

1,4-Dichlorobenzene

Concen: 50.528 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022438.D

Acq: 27 May 2025 17:10

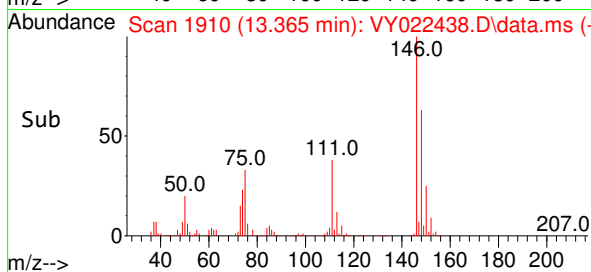
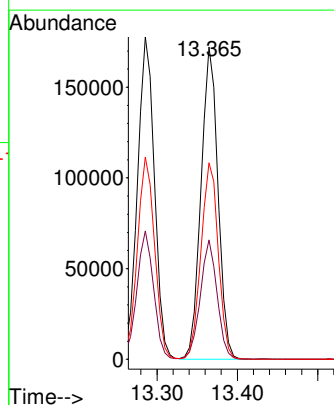
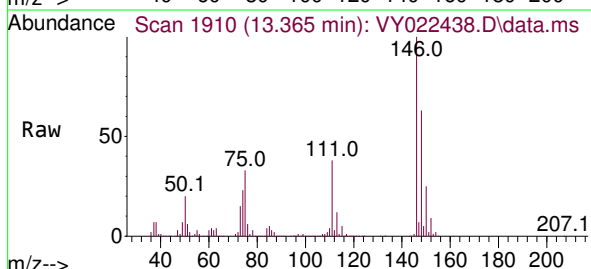
Tgt Ion:146 Resp: 252310

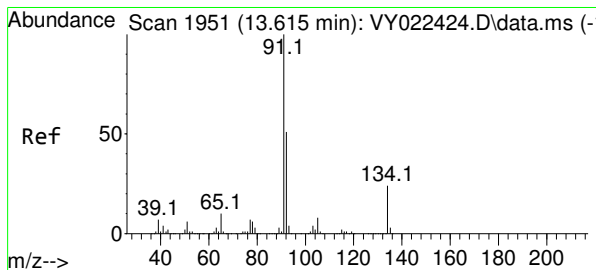
Ion Ratio Lower Upper

146 100

111 37.7 18.7 56.1

148 64.1 31.4 94.3





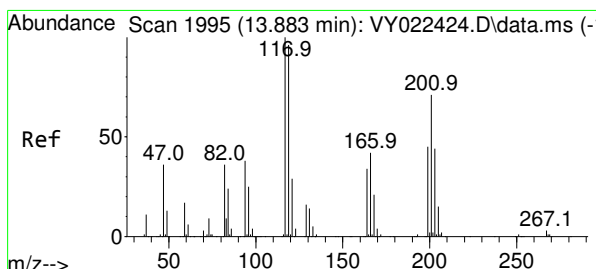
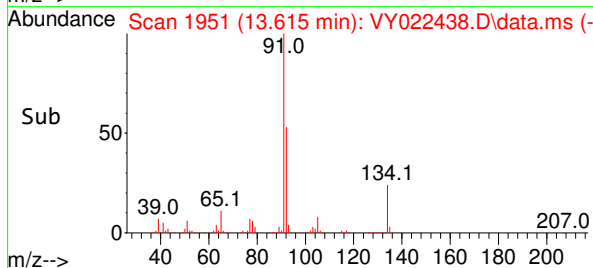
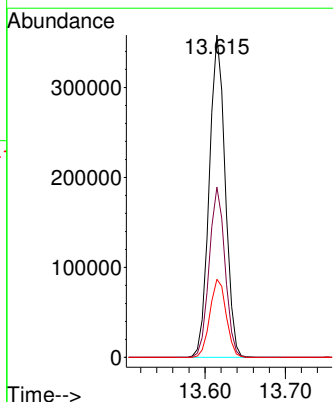
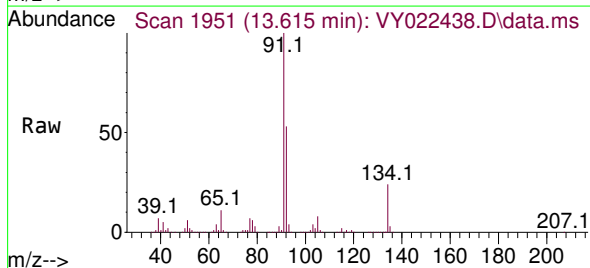
#89
n-Butylbenzene
Concen: 49.721 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	49156
Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.9	77.6
134	24.9	12.4	37.6

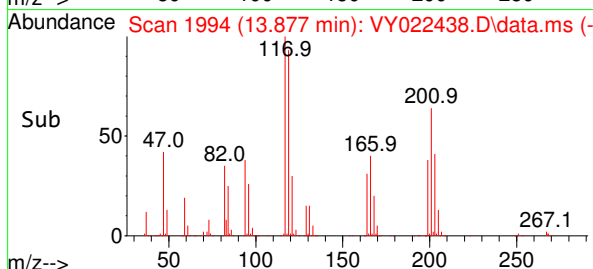
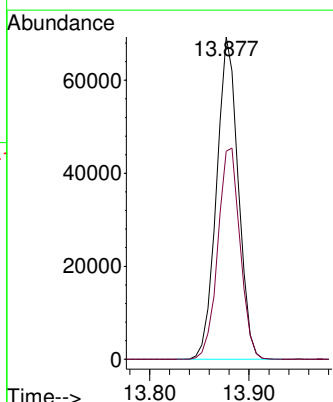
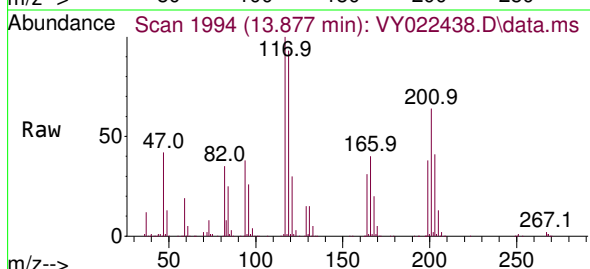
Manual Integrations
APPROVED

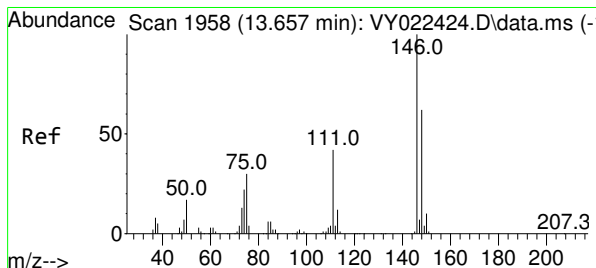
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#90
Hexachloroethane
Concen: 50.407 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:	117	Resp:	105769
Ion	Ratio	Lower	Upper
117	100		
201	67.3	35.0	105.0





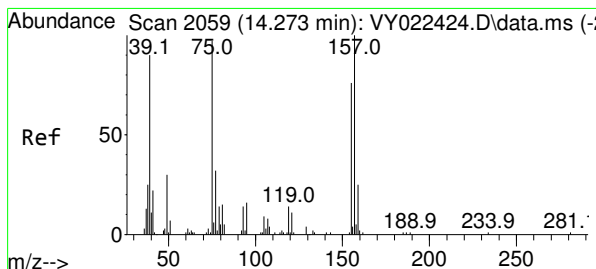
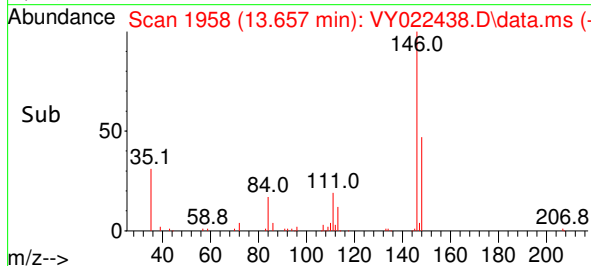
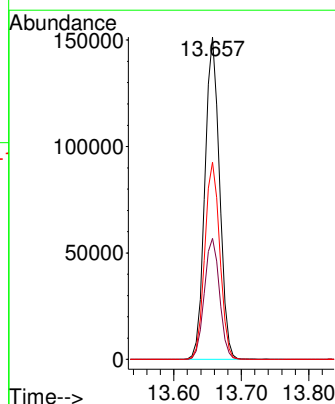
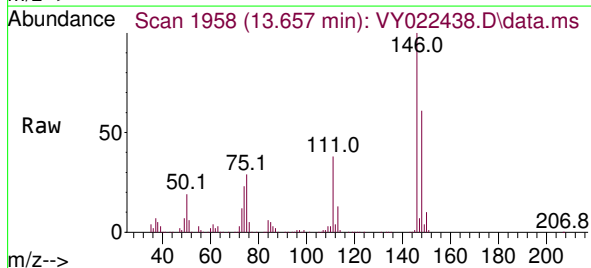
#91
1,2-Dichlorobenzene
Concen: 52.043 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 146 Resp: 22701
Ion Ratio Lower Upper
146 100
111 38.9 20.5 61.6
148 62.6 31.9 95.9

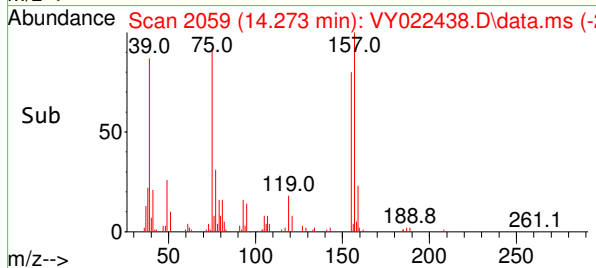
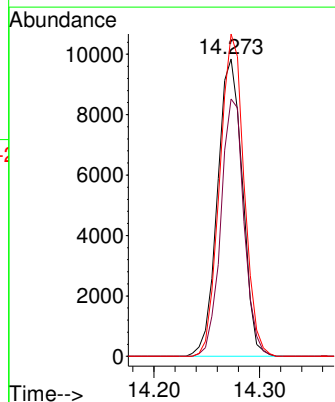
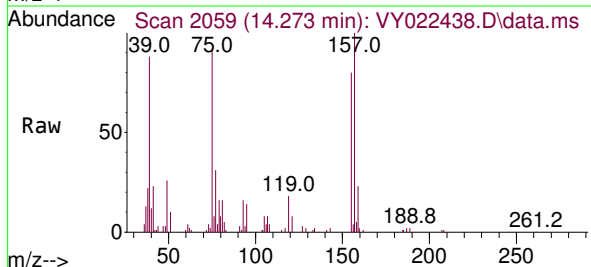
Manual Integrations
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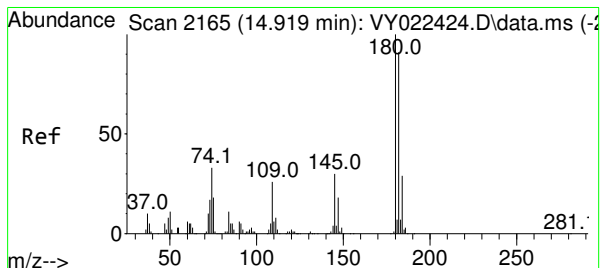
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.375 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion: 75 Resp: 16260
Ion Ratio Lower Upper
75 100
155 80.1 42.3 126.8
157 105.5 54.4 163.3





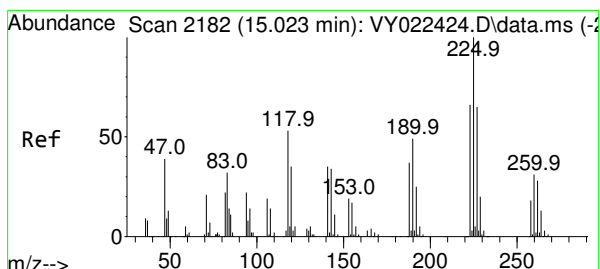
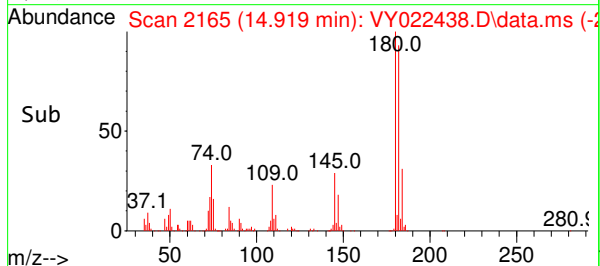
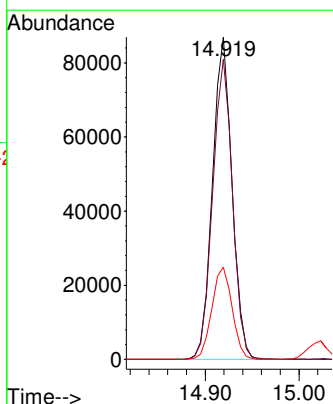
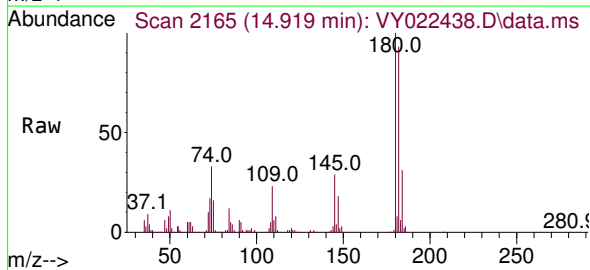
#93
1,2,4-Trichlorobenzene
Concen: 51.685 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 12498
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.6
145 29.8 14.2 42.8

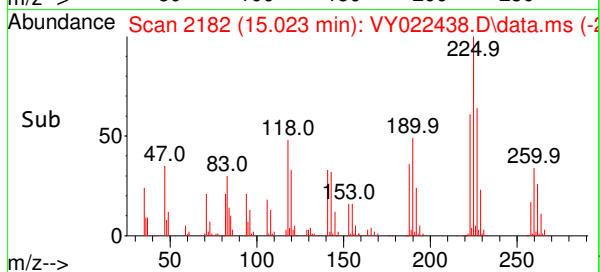
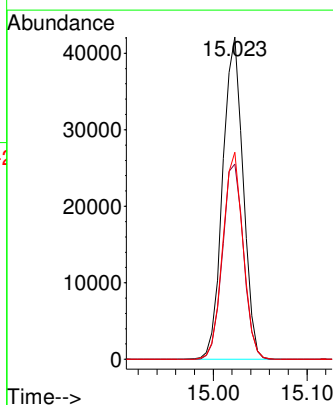
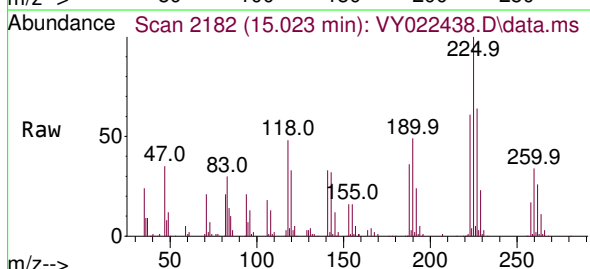
Manual Integrations
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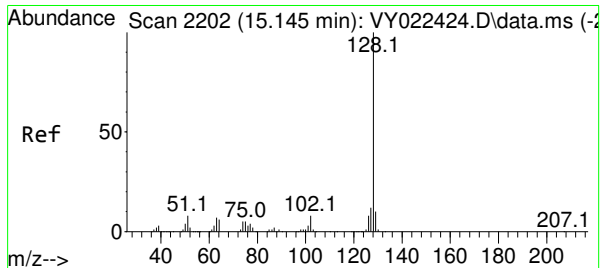
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#94
Hexachlorobutadiene
Concen: 50.042 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion:225 Resp: 63507
Ion Ratio Lower Upper
225 100
223 62.2 32.6 97.7
227 63.9 33.0 99.0





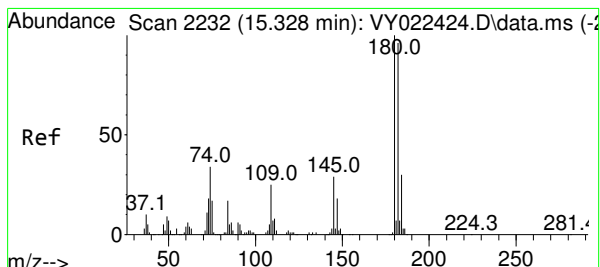
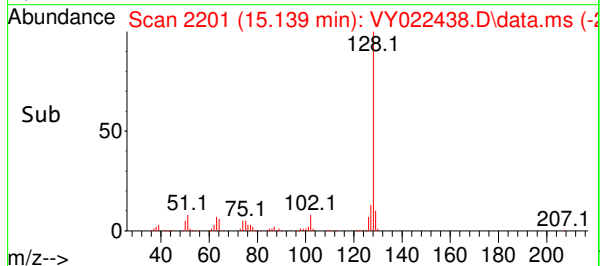
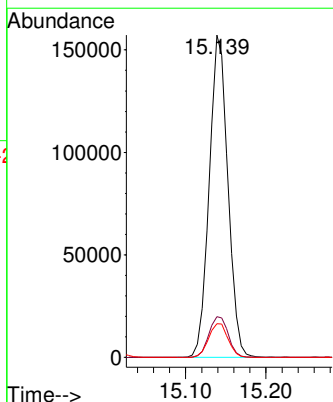
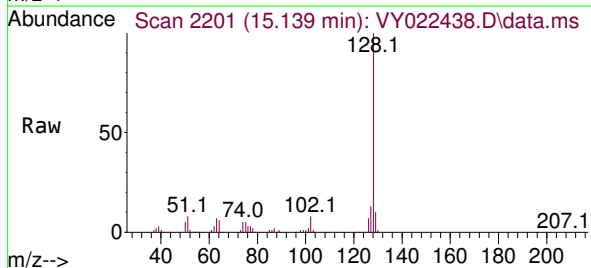
#95
Naphthalene
Concen: 56.592 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.0	8.5	12.7

Manual Integrations
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Supervised By :Mahesh Dadoda 05/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.776 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022438.D
Acq: 27 May 2025 17:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.1	144.3
145	31.3	14.9	44.5

