

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022423.D
 Acq On : 27 May 2025 09:36
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: May 28 09:49:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 09:30:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	252702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	427651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	358898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	162048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	52229	19.622	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.240%#		
35) Dibromofluoromethane	7.640	113	48414	19.331	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.660%#		
50) Toluene-d8	10.109	98	199816	19.571	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	39.140%#		
62) 4-Bromofluorobenzene	12.408	95	59022	19.112	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	38.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	53184	22.059	ug/l	100
3) Chloromethane	2.068	50	131430	22.162	ug/l	96
4) Vinyl Chloride	2.208	62	153844	21.354	ug/l	97
5) Bromomethane	2.592	94	141241	21.573	ug/l	99
6) Chloroethane	2.739	64	95915	20.373	ug/l	98
7) Trichlorofluoromethane	3.056	101	123550	20.326	ug/l	99
8) Diethyl Ether	3.458	74	27436	19.575	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	54677	20.503	ug/l	100
10) Methyl Iodide	4.013	142	61032	20.286	ug/l	100
11) Tert butyl alcohol	4.885	59	18099	96.464	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	53871	20.347	ug/l	99
13) Acrolein	3.659	56	28252	100.498	ug/l	98
14) Allyl chloride	4.391	41	80449	20.200	ug/l	97
15) Acrylonitrile	5.067	53	55206	97.719	ug/l	100
16) Acetone	3.879	43	40769	93.210	ug/l	92
17) Carbon Disulfide	4.110	76	172558	20.423	ug/l	100
18) Methyl Acetate	4.397	43	29942	18.275	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	137123	19.508	ug/l	97
20) Methylene Chloride	4.622	84	58412	18.912	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	56105	19.411	ug/l	99
22) Diisopropyl ether	6.025	45	175073	19.918	ug/l	99
23) Vinyl Acetate	5.964	43	504103	99.882	ug/l	99
24) 1,1-Dichloroethane	5.927	63	104623	20.143	ug/l	100
25) 2-Butanone	6.902	43	68733	94.358	ug/l	99
26) 2,2-Dichloropropane	6.890	77	94730	20.142	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	65719	19.640	ug/l	99
28) Bromochloromethane	7.250	49	43955	20.266	ug/l	99
29) Tetrahydrofuran	7.268	42	46611	95.946	ug/l	99
30) Chloroform	7.427	83	103440	20.211	ug/l	96
31) Cyclohexane	7.707	56	100786	19.685	ug/l	93
32) 1,1,1-Trichloroethane	7.628	97	92540	19.923	ug/l	99
36) 1,1-Dichloropropene	7.841	75	77871	19.594	ug/l	99
37) Ethyl Acetate	6.994	43	32871	19.462	ug/l	98
38) Carbon Tetrachloride	7.823	117	80594	19.468	ug/l	94
39) Methylcyclohexane	9.109	83	103224	19.540	ug/l	95
40) Benzene	8.085	78	232606	19.670	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	19136m	8.609	ug/l	
42) 1,2-Dichloroethane	8.158	62	61523	19.699	ug/l	99
43) Isopropyl Acetate	8.201	43	71905	19.483	ug/l #	86
44) Trichloroethene	8.872	130	58860	20.135	ug/l	97
45) 1,2-Dichloropropane	9.146	63	54451	19.598	ug/l	99
46) Dibromomethane	9.237	93	29679	19.122	ug/l	98
47) Bromodichloromethane	9.426	83	76833	19.250	ug/l	97
48) Methyl methacrylate	9.225	41	32925	19.218	ug/l	99
49) 1,4-Dioxane	9.231	88	6923	403.829	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	169056	92.837	ug/l	99
52) Toluene	10.176	92	143949	19.489	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	71231	19.160	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	86263	19.747	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	38684	19.713	ug/l	94
56) Ethyl methacrylate	10.445	69	53900	19.140	ug/l	98
57) 1,3-Dichloropropane	10.719	76	68793	19.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	130961	93.311	ug/l	98
59) 2-Hexanone	10.762	43	109954	92.136	ug/l	98
60) Dibromochloromethane	10.914	129	48590	19.384	ug/l	99
61) 1,2-Dibromoethane	11.018	107	35441	19.746	ug/l	100
64) Tetrachloroethene	10.652	164	62224	20.357	ug/l	99
65) Chlorobenzene	11.444	112	150827	19.709	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	50226	19.371	ug/l	96
67) Ethyl Benzene	11.524	91	275656	19.399	ug/l	98
68) m/p-Xylenes	11.633	106	207724	38.557	ug/l	99
69) o-Xylene	11.956	106	96581	19.075	ug/l	100
70) Styrene	11.969	104	160384	19.023	ug/l	99
71) Bromoform	12.133	173	26368	19.415	ug/l #	100
73) Isopropylbenzene	12.255	105	255754	20.053	ug/l	99
74) N-amyl acetate	12.072	43	61037	19.558	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	39127	19.472	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	32290m	12.094	ug/l	
77) Bromobenzene	12.536	156	55641	20.273	ug/l	97
78) n-propylbenzene	12.597	91	306474	20.024	ug/l	100
79) 2-Chlorotoluene	12.682	91	163649	19.752	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	198748	19.944	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	14257	19.863	ug/l	98
82) 4-Chlorotoluene	12.779	91	171858	20.140	ug/l	99
83) tert-Butylbenzene	12.999	119	179841	19.975	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	196951	19.640	ug/l	100
85) sec-Butylbenzene	13.176	105	263748	19.753	ug/l	99
86) p-Isopropyltoluene	13.292	119	216227	19.393	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	108479	19.644	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	104788	19.845	ug/l	98
89) n-Butylbenzene	13.615	91	206658	19.768	ug/l	99
90) Hexachloroethane	13.883	117	44059	19.857	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	92726	20.103	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6215	20.016	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	49954	19.535	ug/l	98
94) Hexachlorobutadiene	15.023	225	25718	19.164	ug/l	97
95) Naphthalene	15.145	128	89204	18.870	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	41774	19.919	ug/l	96

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

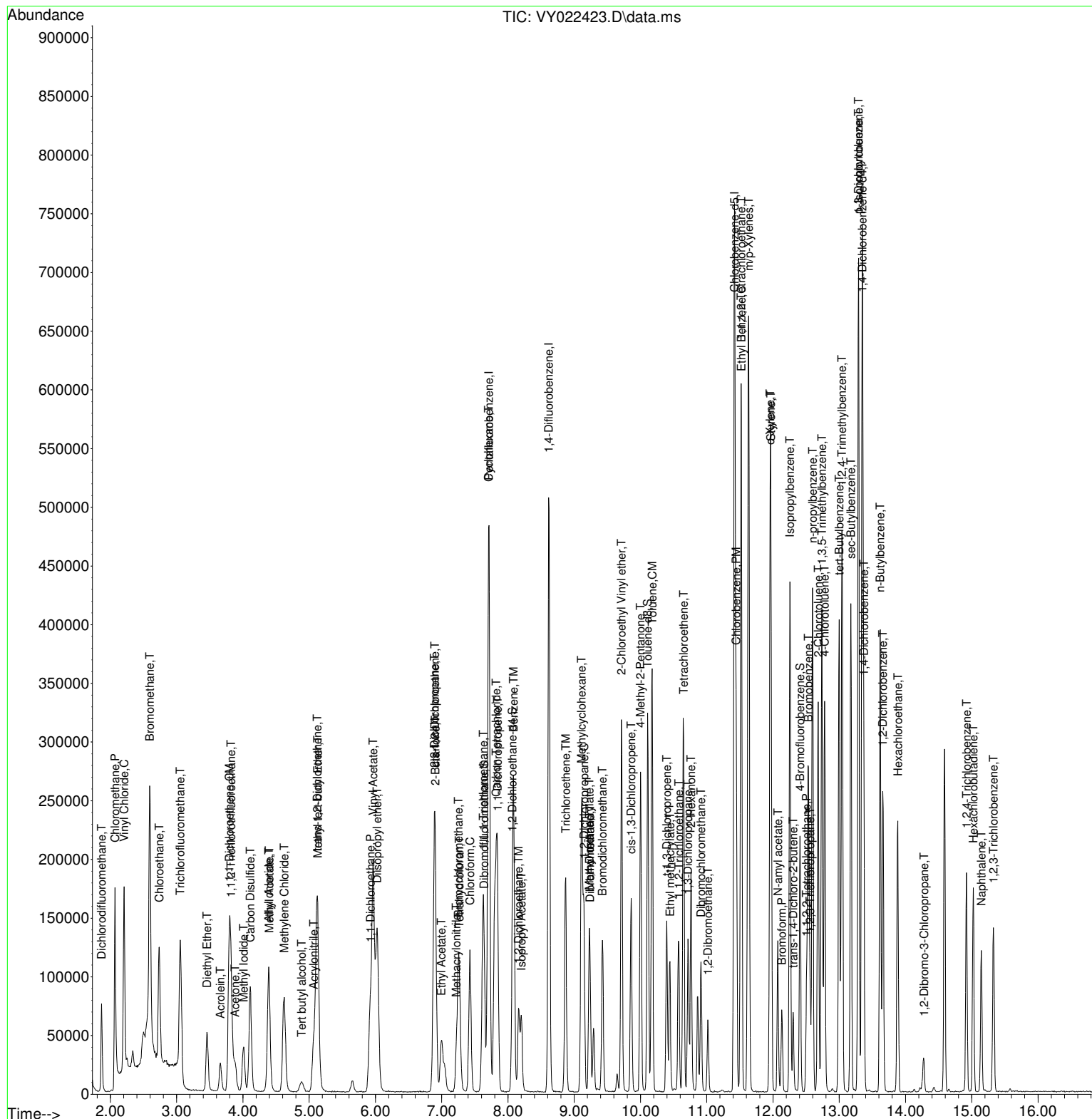
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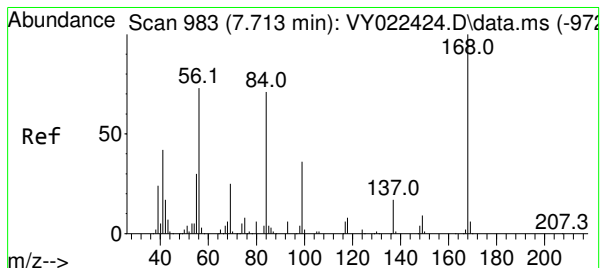
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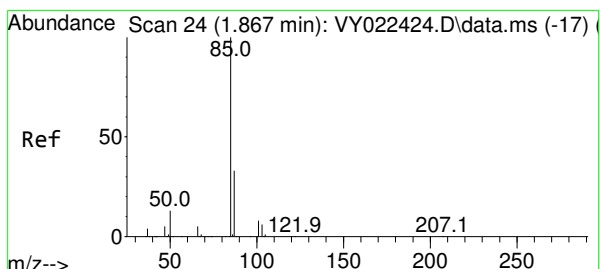
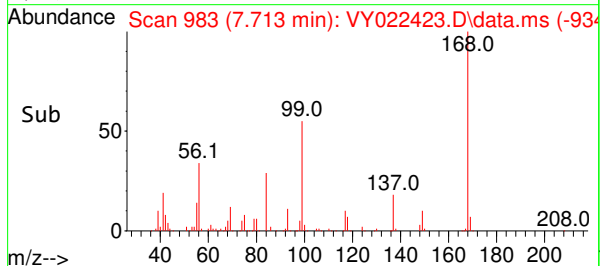
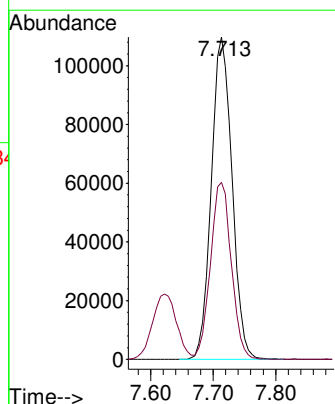
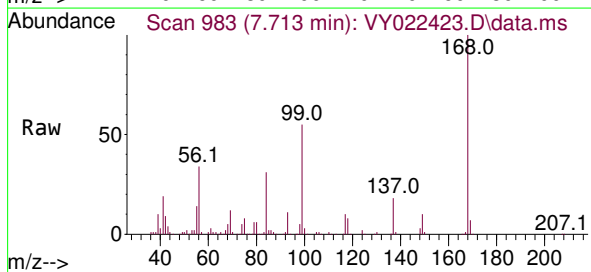
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

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MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 25276
Ion Ratio Lower Upper
168 100
99 54.8 44.7 67.1

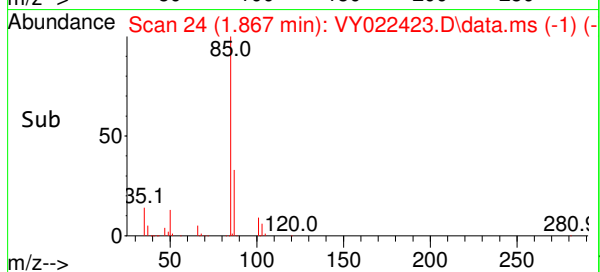
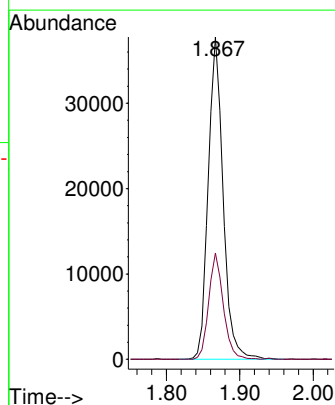
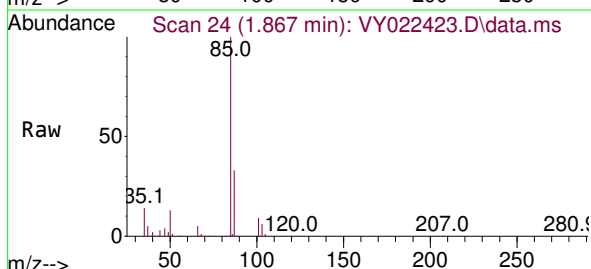
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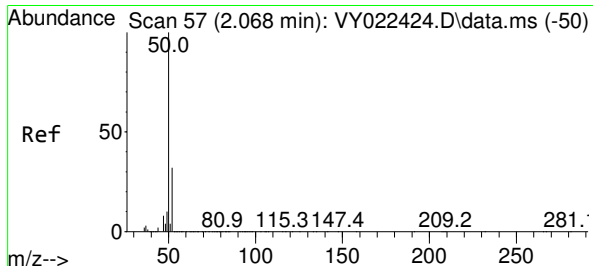
Reviewed By :Amit Patel 05/28/2025
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#2
Dichlorodifluoromethane
Concen: 22.059 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 85 Resp: 53184
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.2





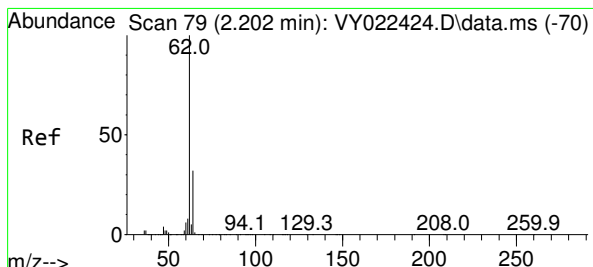
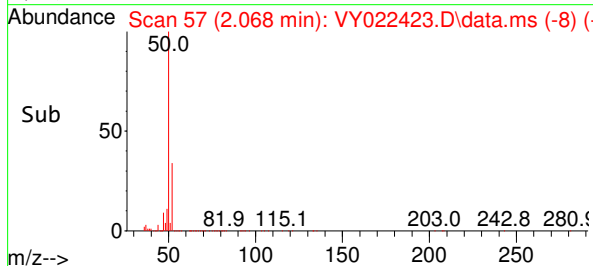
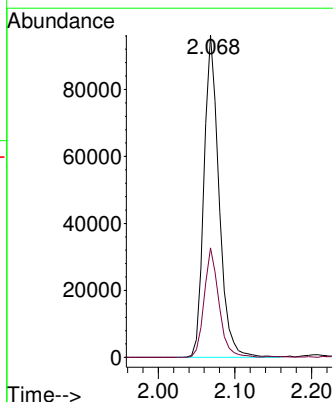
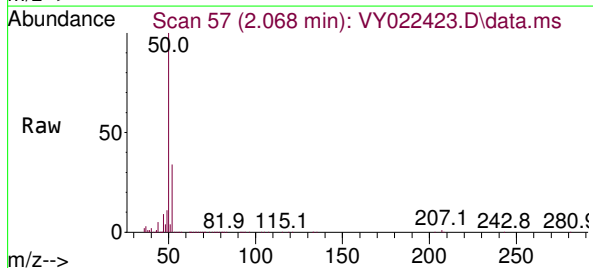
#3
Chloromethane
Concen: 22.162 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 50 Resp: 13143
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3

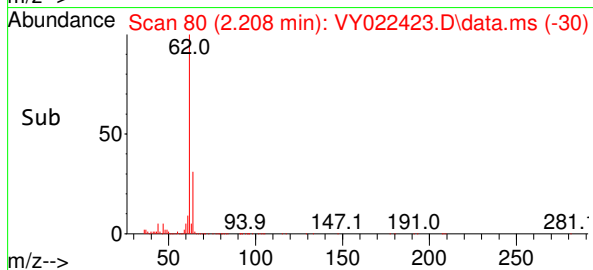
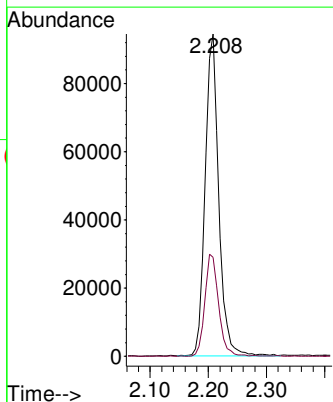
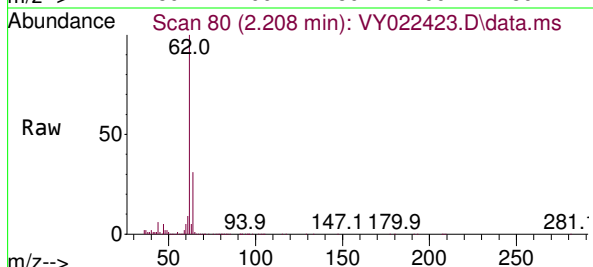
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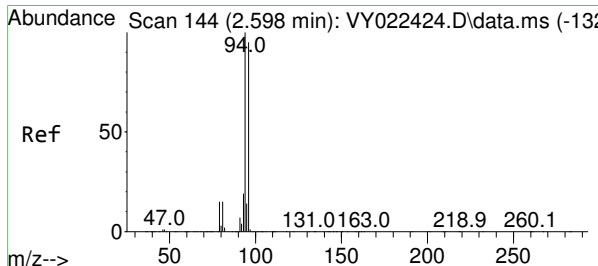
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#4
Vinyl Chloride
Concen: 21.354 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 62 Resp: 153844
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0





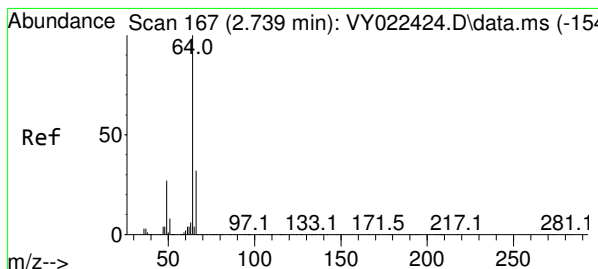
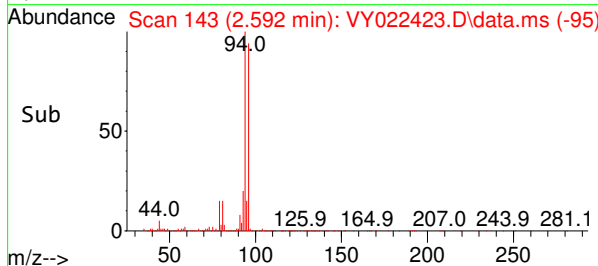
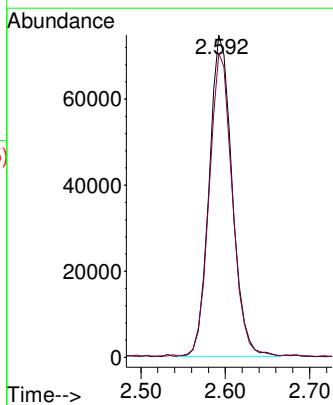
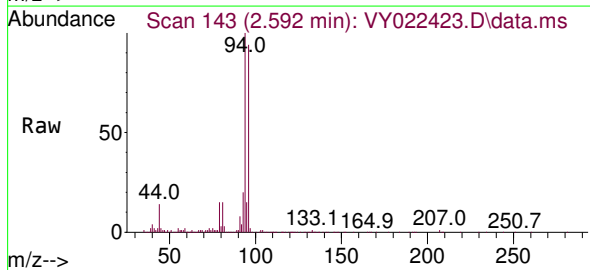
#5
Bromomethane
Concen: 21.573 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
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Tgt Ion: 94 Resp: 14124
Ion Ratio Lower Upper
94 100
96 94.1 76.0 114.0

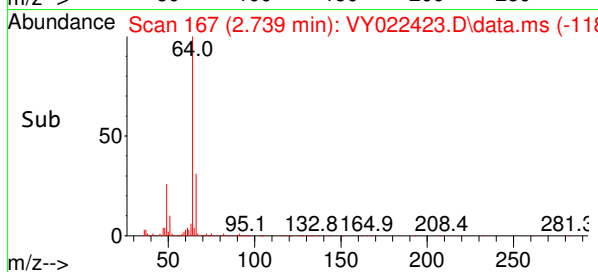
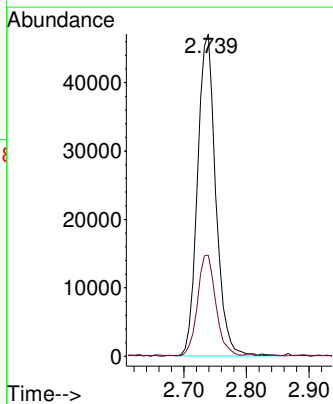
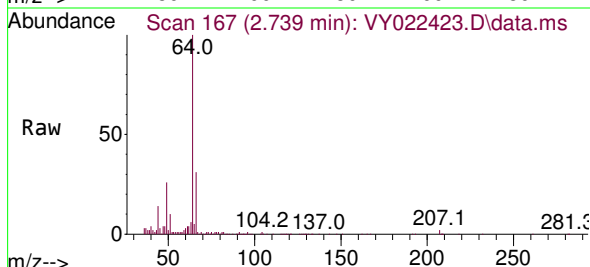
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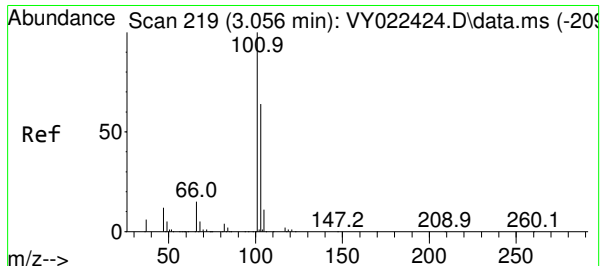
Reviewed By :Amit Patel 05/28/2025
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#6
Chloroethane
Concen: 20.373 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 64 Resp: 95915
Ion Ratio Lower Upper
64 100
66 31.2 25.9 38.9





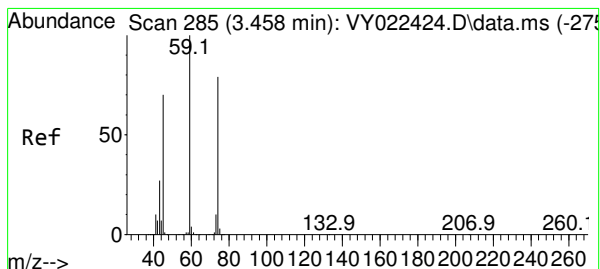
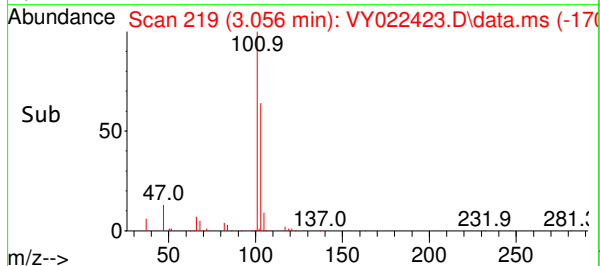
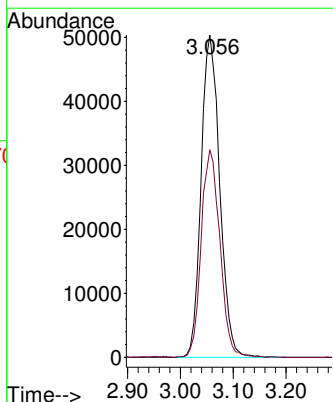
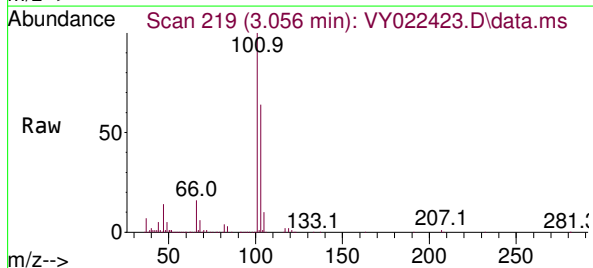
#7
Trichlorofluoromethane
Concen: 20.326 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
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Tgt Ion: 101 Resp: 12355
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3

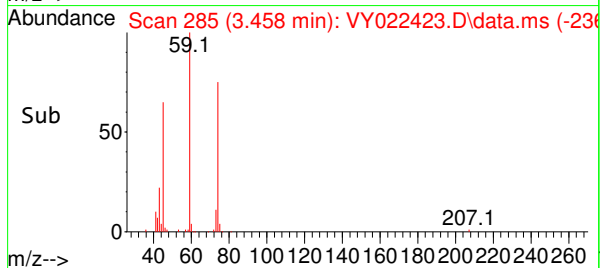
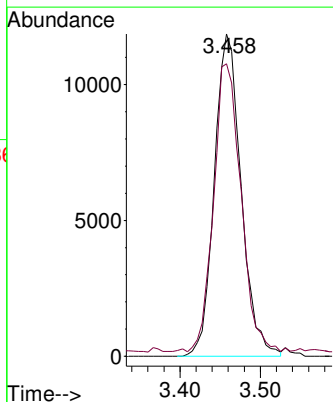
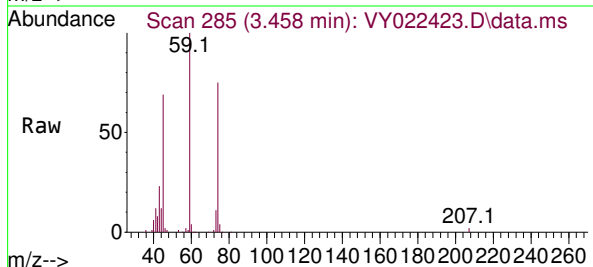
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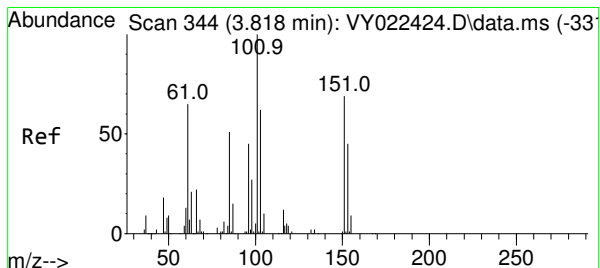
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#8
Diethyl Ether
Concen: 19.575 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 74 Resp: 27436
Ion Ratio Lower Upper
74 100
45 91.3 44.9 134.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.503 ug/l

RT: 3.818 min Scan# 344

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:101 Resp: 5467

Ion Ratio Lower Upper

101 100

85 48.9 39.2 58.8

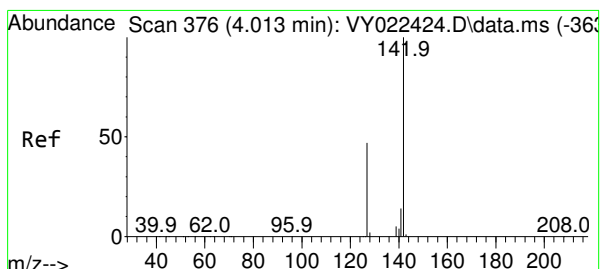
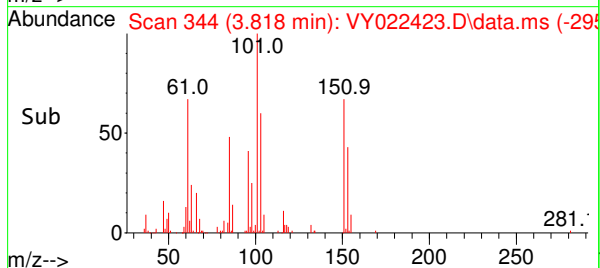
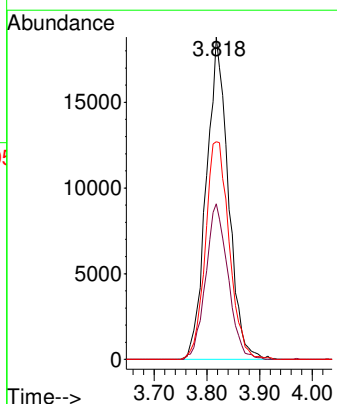
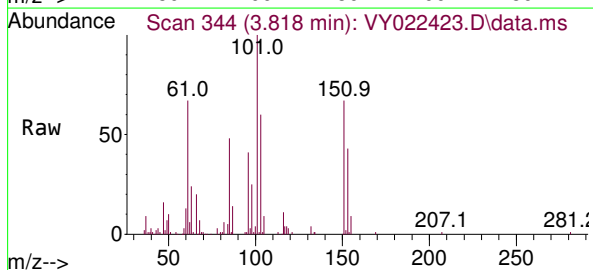
151 73.3 58.8 88.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#10

Methyl Iodide

Concen: 20.286 ug/l

RT: 4.013 min Scan# 376

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

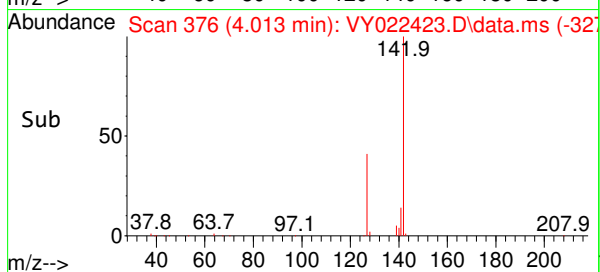
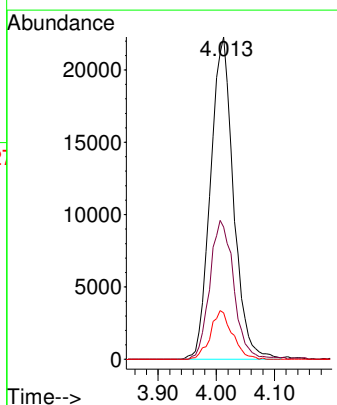
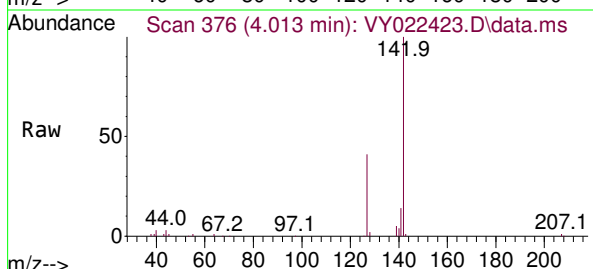
Tgt Ion:142 Resp: 61032

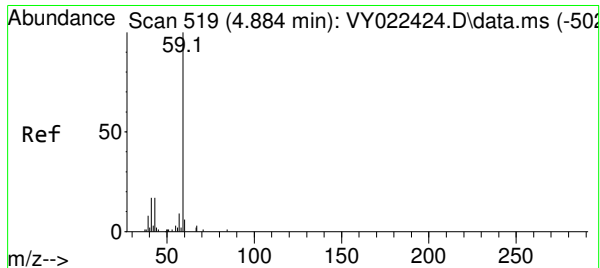
Ion Ratio Lower Upper

142 100

127 45.1 36.2 54.4

141 14.5 11.6 17.4





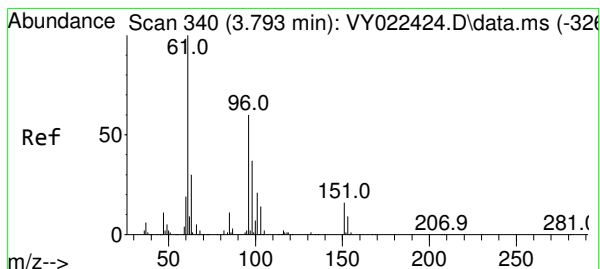
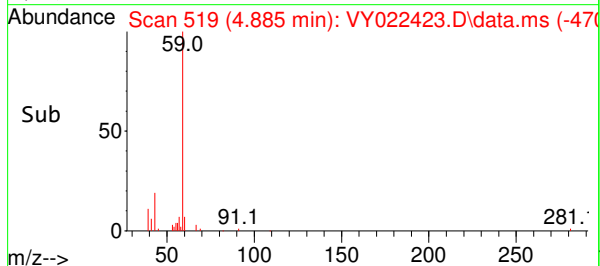
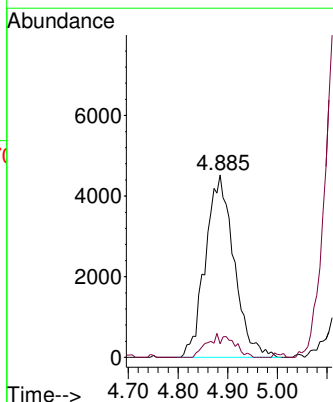
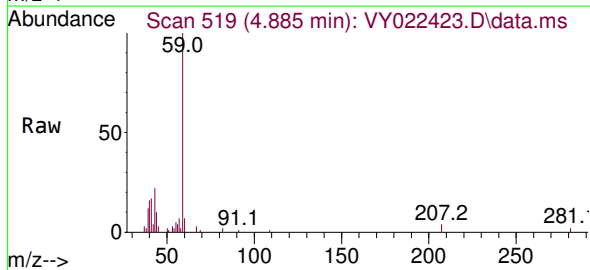
#11
Tert butyl alcohol
Concen: 96.464 ug/l
RT: 4.885 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 1809
Ion Ratio Lower Upper
59 100
57 5.9 9.1 13.7

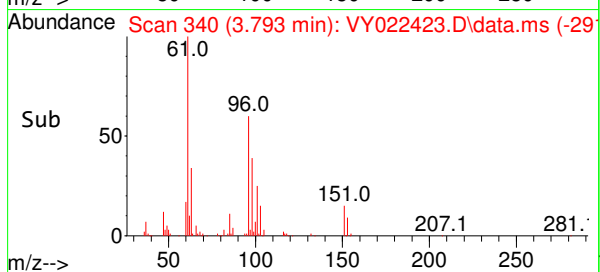
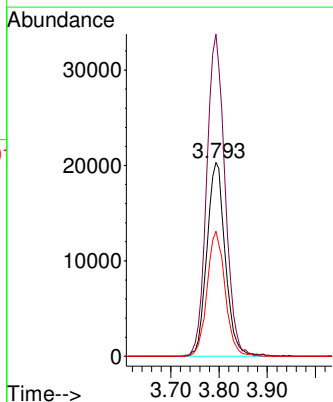
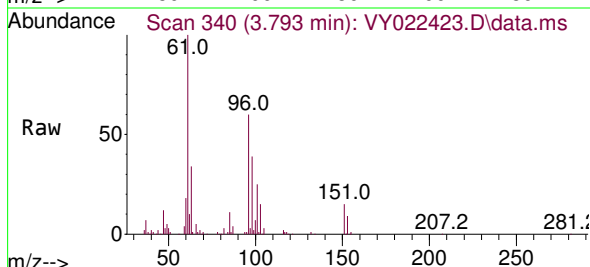
Manual Integrations
APPROVED

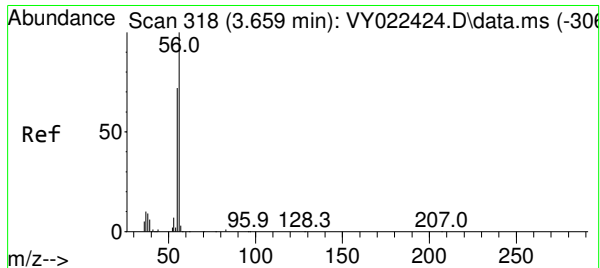
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#12
1,1-Dichloroethene
Concen: 20.347 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 96 Resp: 53871
Ion Ratio Lower Upper
96 100
61 166.2 134.1 201.1
98 64.6 50.2 75.2





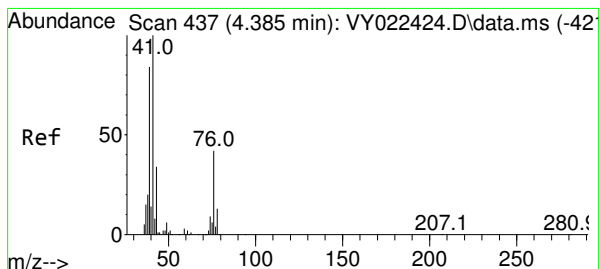
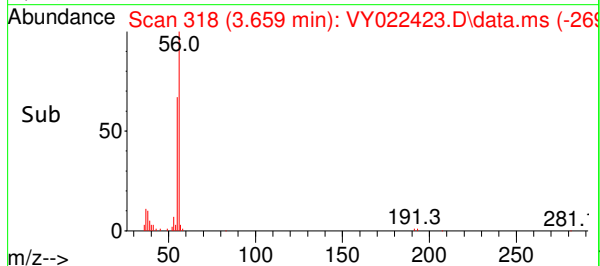
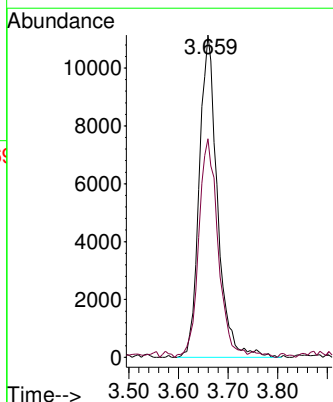
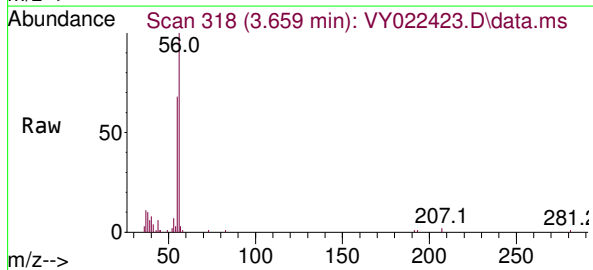
#13
Acrolein
Concen: 100.498 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 2825
Ion Ratio Lower Upper
56 100
55 71.9 56.5 84.7

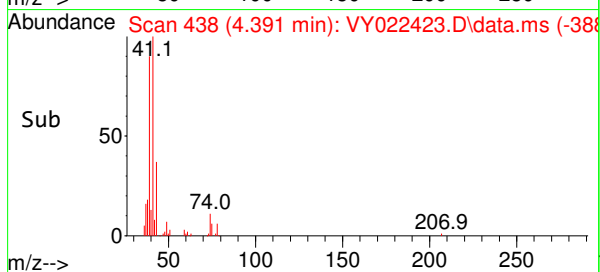
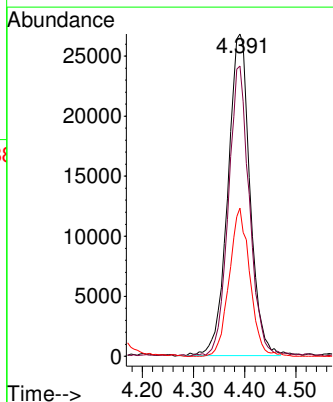
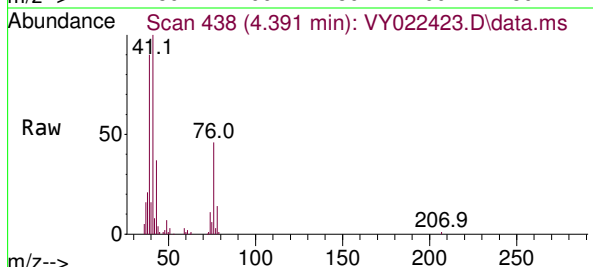
Manual Integrations
APPROVED

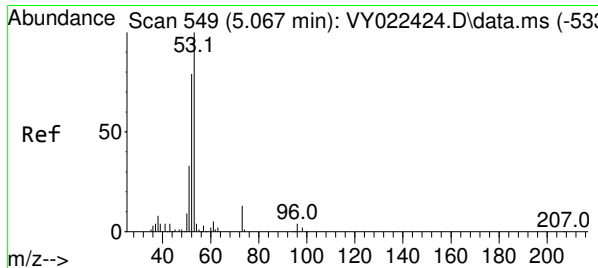
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#14
Allyl chloride
Concen: 20.200 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 41 Resp: 80449
Ion Ratio Lower Upper
41 100
39 86.2 66.6 100.0
76 43.0 33.7 50.5





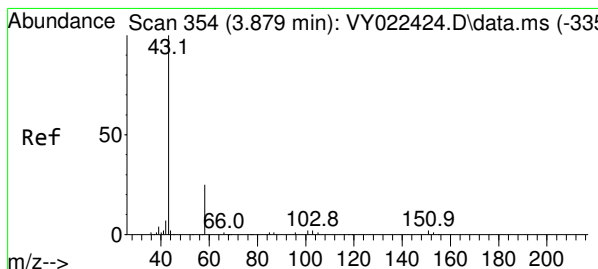
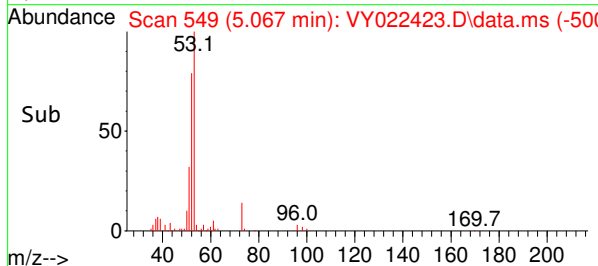
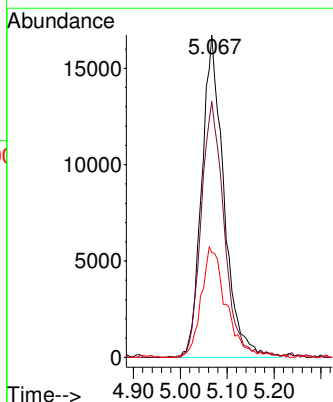
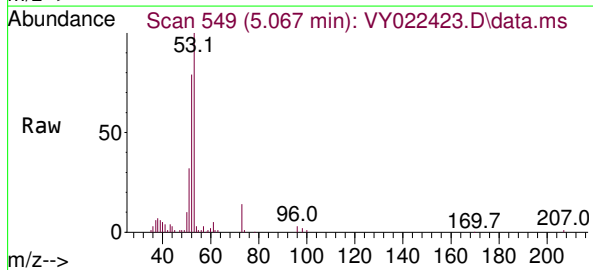
#15
Acrylonitrile
Concen: 97.719 ug/l
RT: 5.067 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument : MSVOA_Y
ClientSampleId : VSTDICC020

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.1	97.7
51	37.9	30.0	45.0

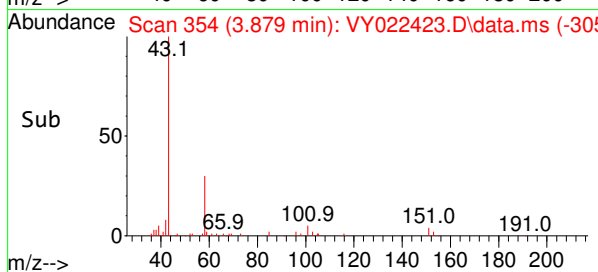
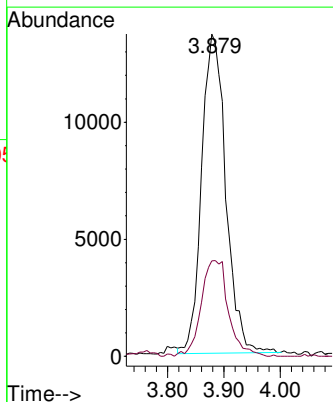
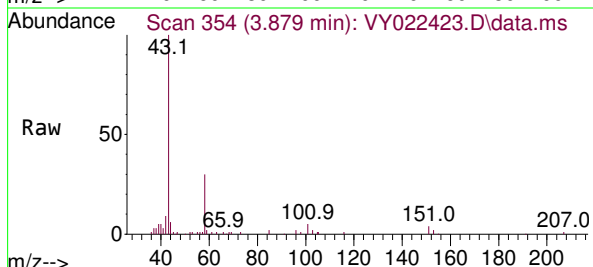
Manual Integrations
APPROVED

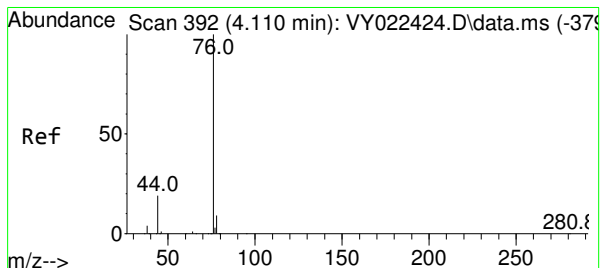
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#16
Acetone
Concen: 93.210 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.9	20.6	30.8





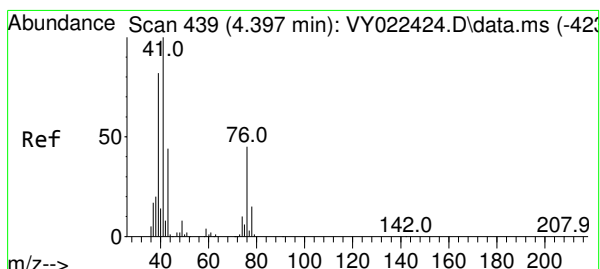
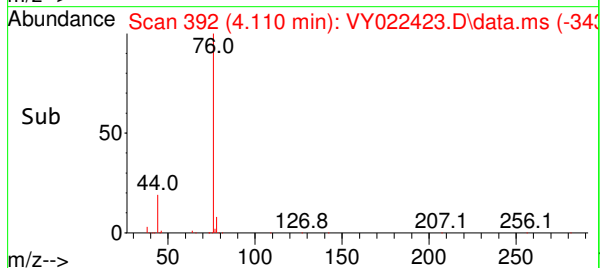
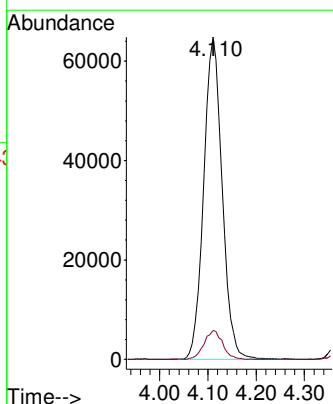
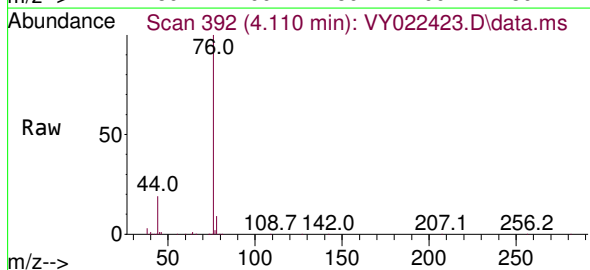
#17
Carbon Disulfide
Concen: 20.423 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 17255
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

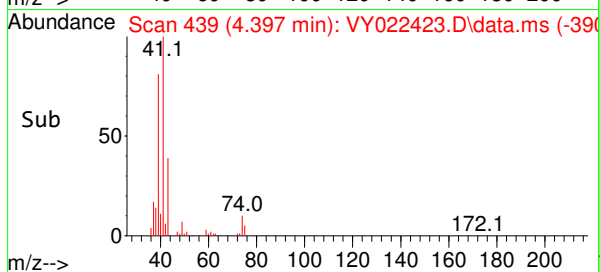
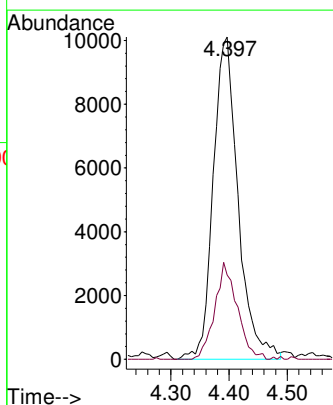
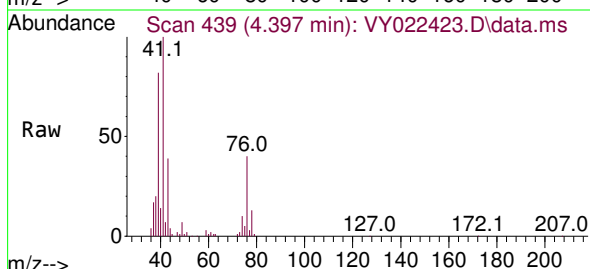
Manual Integrations
APPROVED

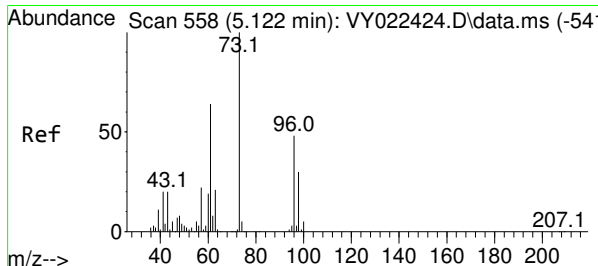
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#18
Methyl Acetate
Concen: 18.275 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 43 Resp: 29942
Ion Ratio Lower Upper
43 100
74 27.1 21.2 31.8





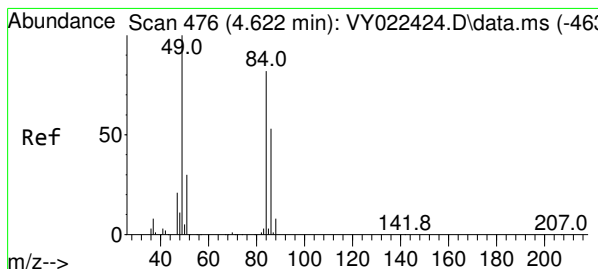
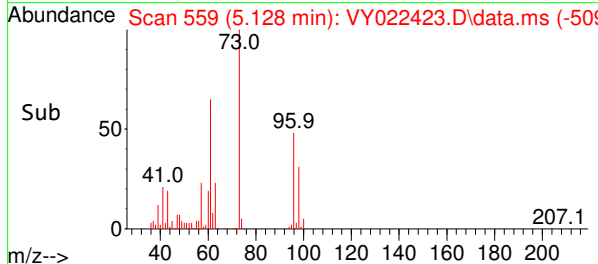
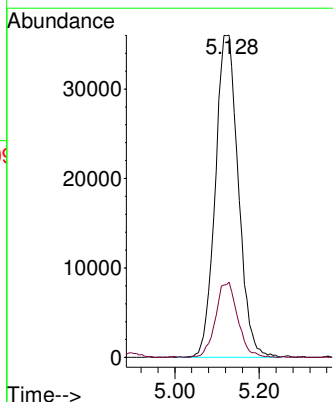
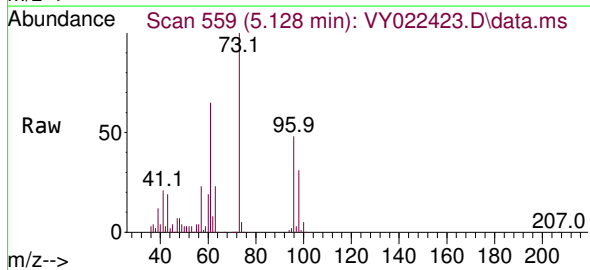
#19
Methyl tert-butyl Ether
Concen: 19.508 ug/l
RT: 5.128 min Scan# 558
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 13712
Ion Ratio Lower Upper
73 100
57 23.3 17.7 26.5

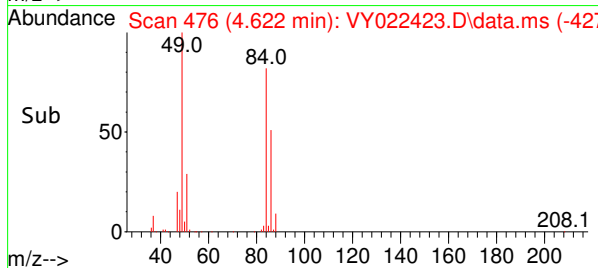
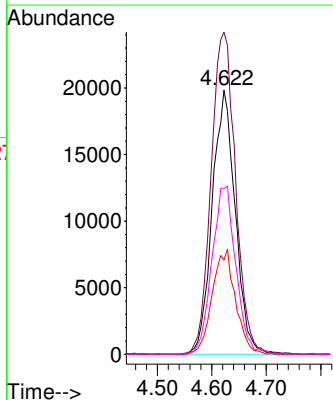
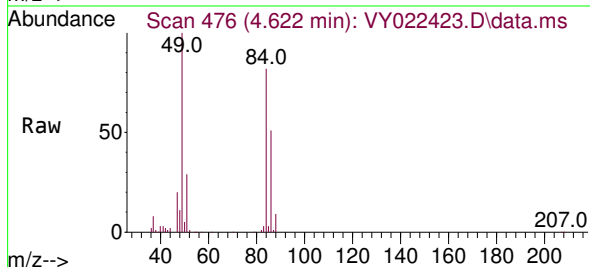
Manual Integrations
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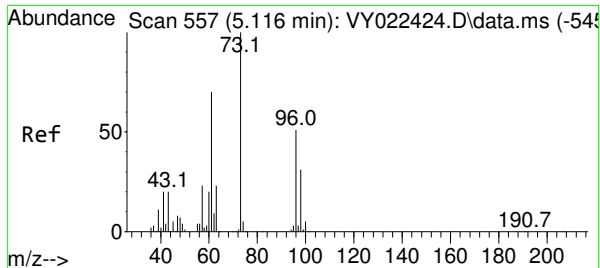
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#20
Methylene Chloride
Concen: 18.912 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 84 Resp: 58412
Ion Ratio Lower Upper
84 100
49 122.0 97.8 146.8
51 35.6 29.5 44.3
86 62.5 51.8 77.6





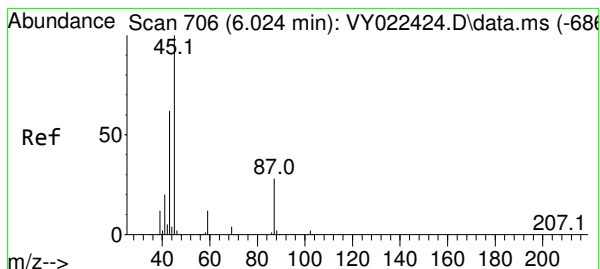
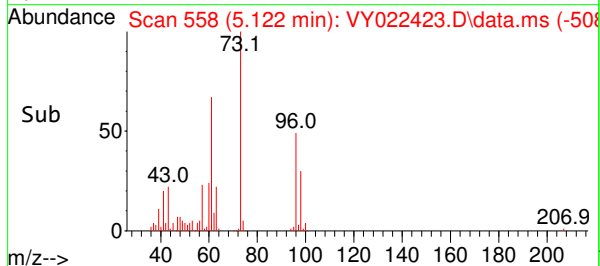
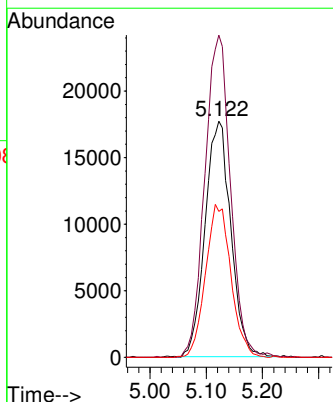
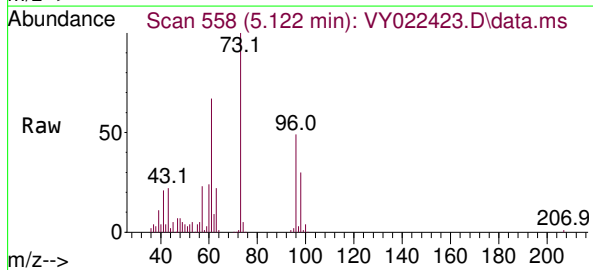
#21
trans-1,2-Dichloroethene
Concen: 19.411 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 5610
Ion Ratio Lower Upper
96 100
61 137.0 110.4 165.6
98 62.0 48.6 73.0

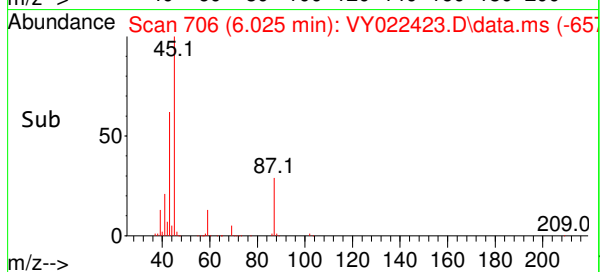
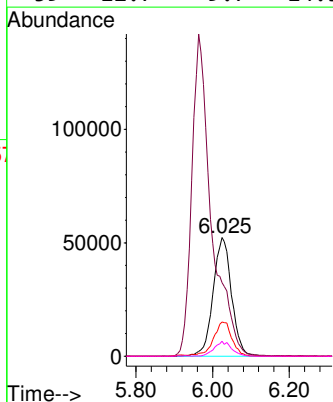
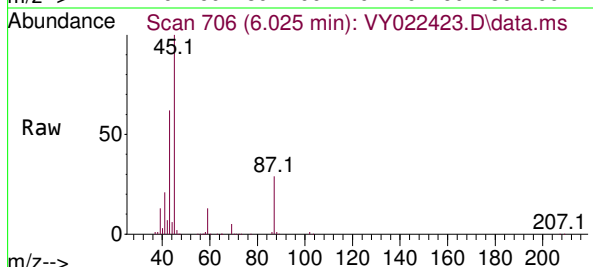
Manual Integrations
APPROVED

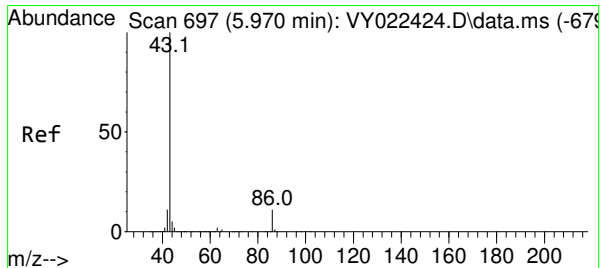
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#22
Diisopropyl ether
Concen: 19.918 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 45 Resp: 175073
Ion Ratio Lower Upper
45 100
43 61.3 49.8 74.8
87 28.9 23.0 34.6
59 12.7 9.7 14.5





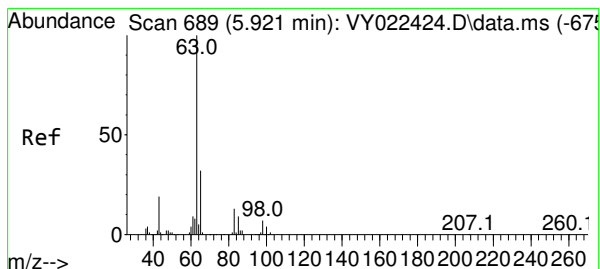
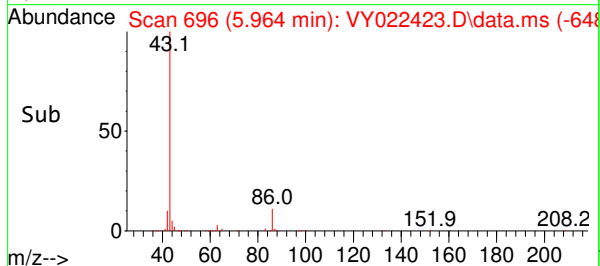
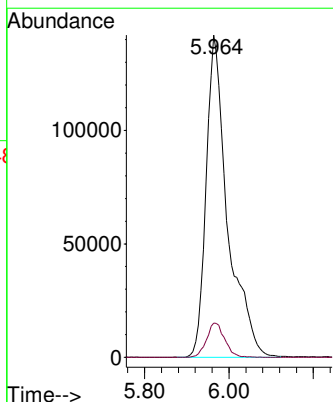
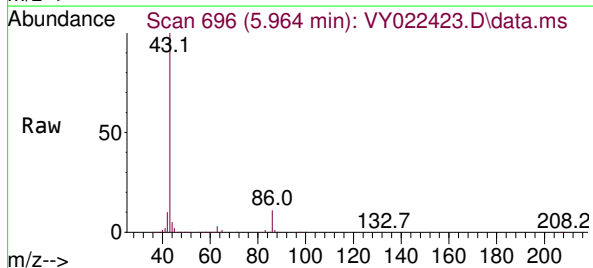
#23
 Vinyl Acetate
 Concen: 99.882 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 50416
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.8 13.2

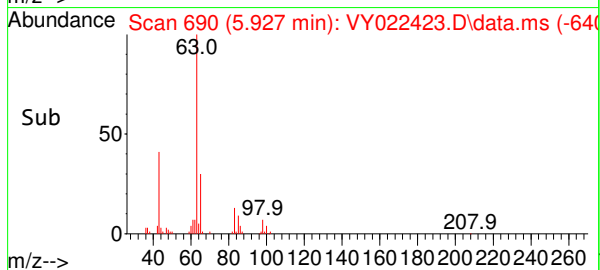
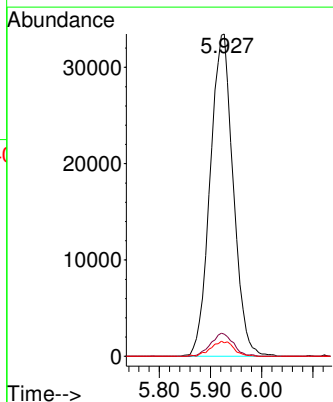
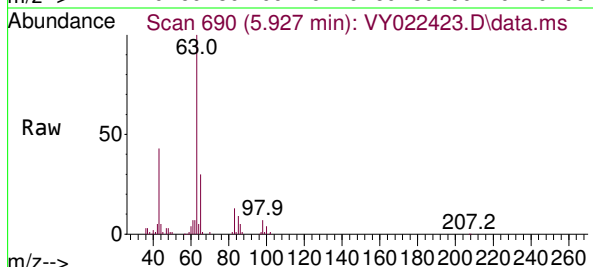
Manual Integrations
 APPROVED

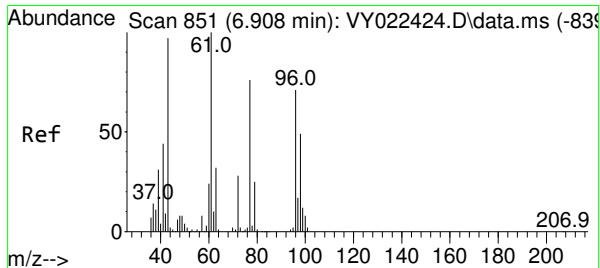
Reviewed By :Amit Patel 05/28/2025
 Supervised By :Mahesh Dadoda 05/28/2025



#24
 1,1-Dichloroethane
 Concen: 20.143 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

Tgt Ion: 63 Resp: 104623
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.2 2.1 6.5





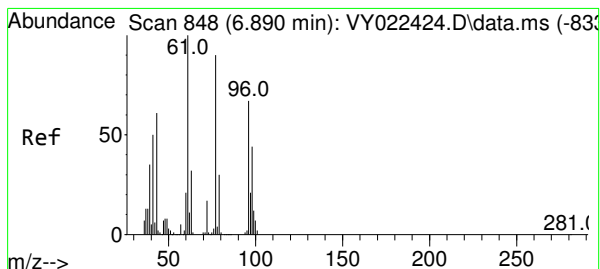
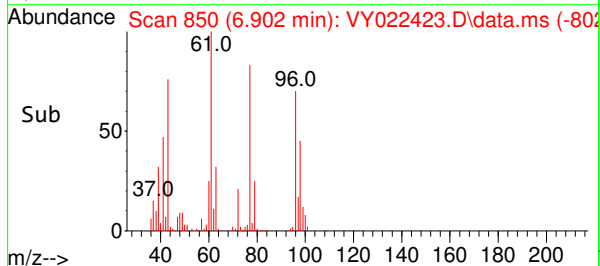
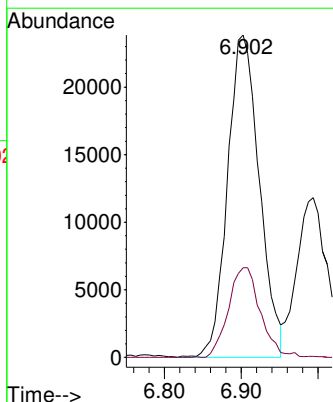
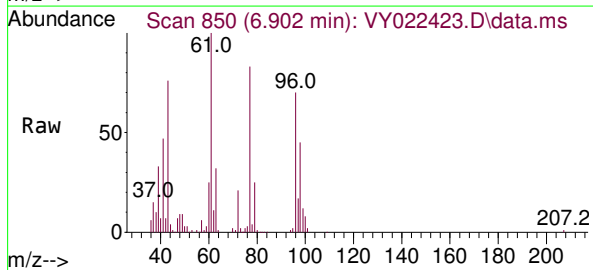
#25
2-Butanone
Concen: 94.358 ug/l
RT: 6.902 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 6873
Ion Ratio Lower Upper
43 100
72 27.9 22.8 34.2

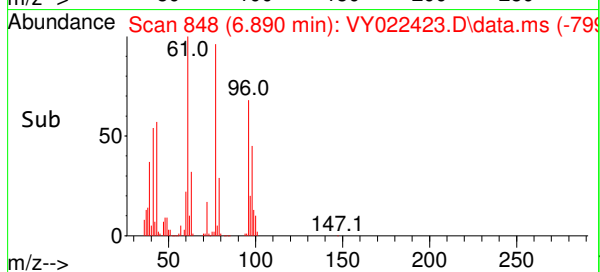
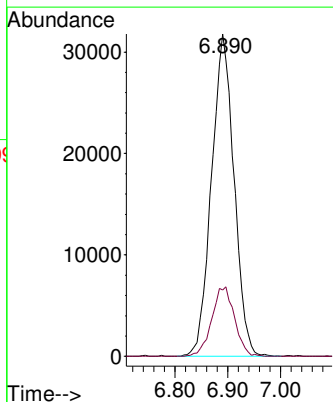
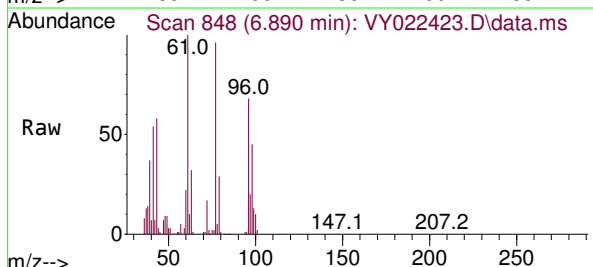
Manual Integrations
APPROVED

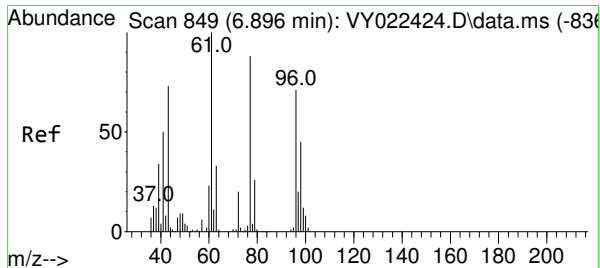
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#26
2,2-Dichloropropane
Concen: 20.142 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 77 Resp: 94730
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.7





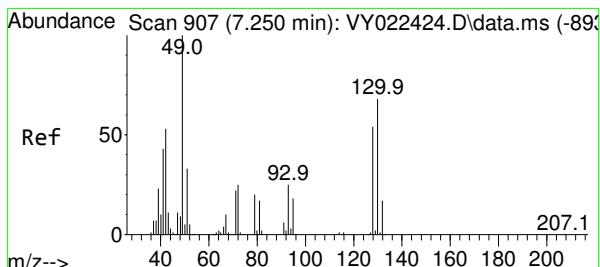
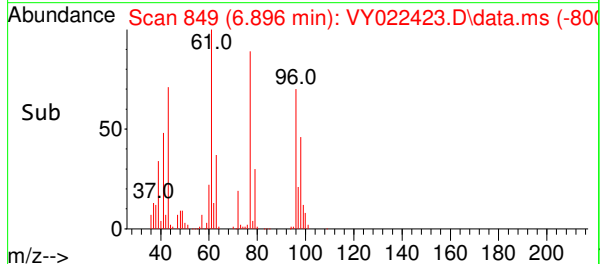
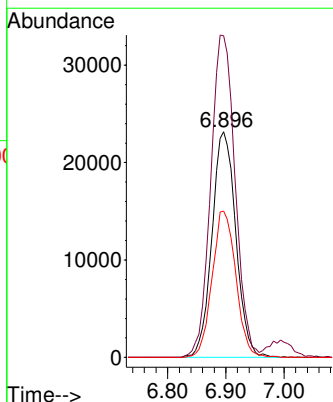
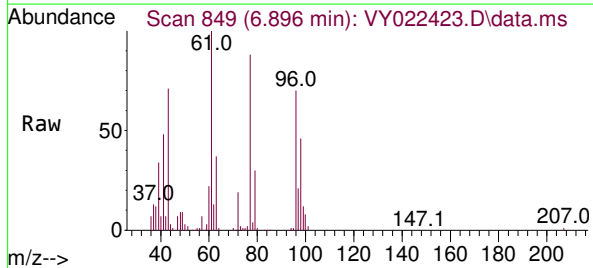
#27
cis-1,2-Dichloroethene
Concen: 19.640 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 6571
Ion Ratio Lower Upper
96 100
61 146.3 0.0 292.0
98 64.6 0.0 131.0

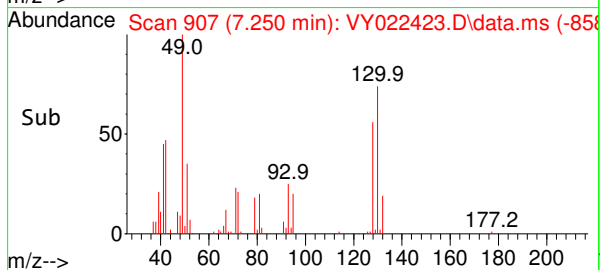
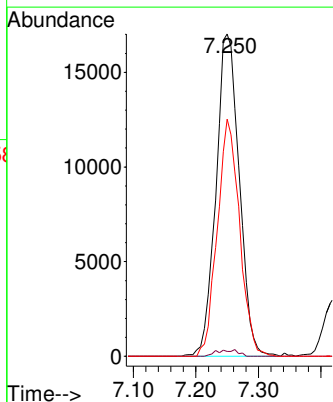
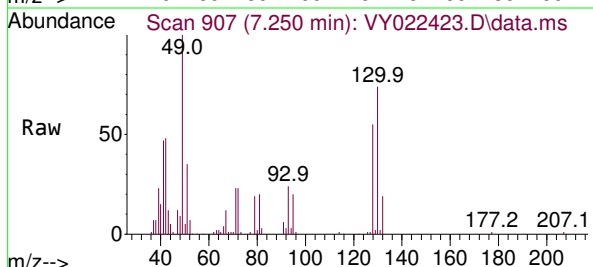
Manual Integrations
APPROVED

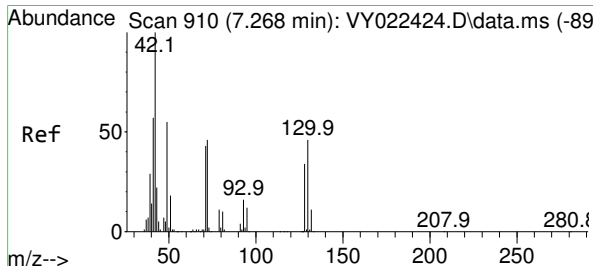
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#28
Bromochloromethane
Concen: 20.266 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 49 Resp: 43955
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 70.2 56.9 85.3





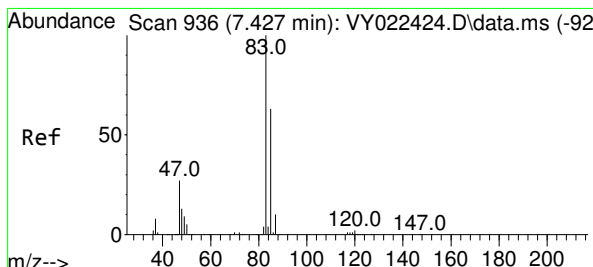
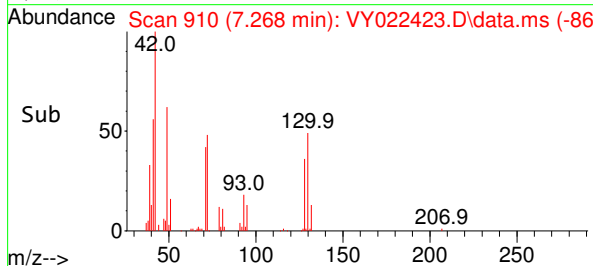
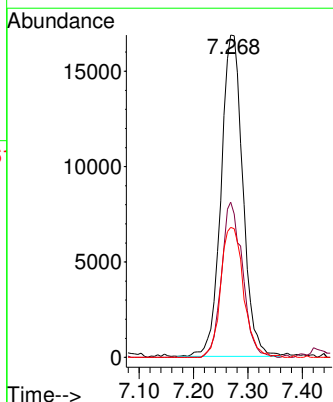
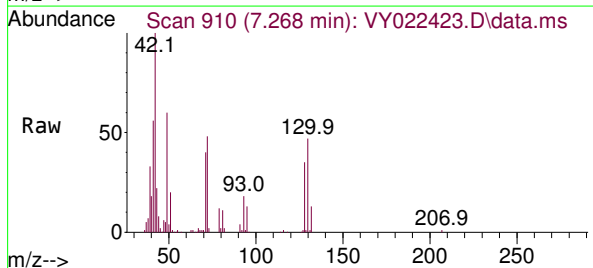
#29
Tetrahydrofuran
Concen: 95.946 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.7	56.5
71	42.6	34.7	52.1

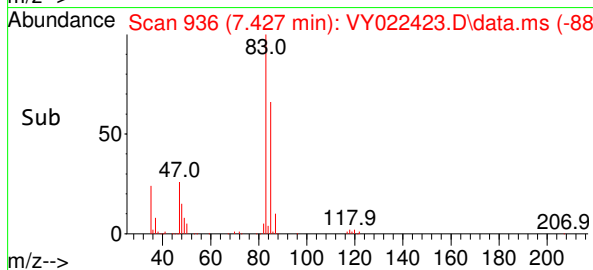
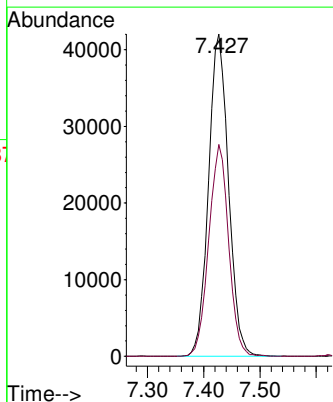
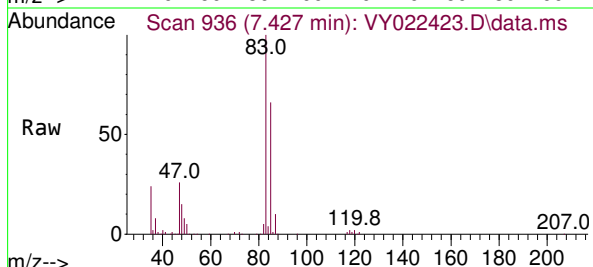
Manual Integrations
APPROVED

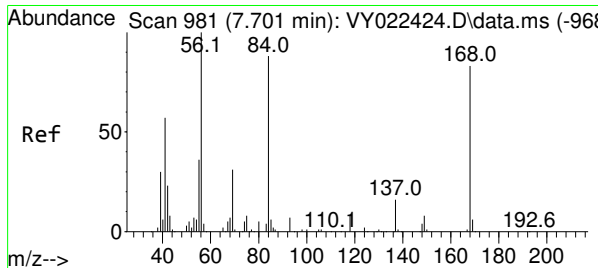
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#30
Chloroform
Concen: 20.211 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.1	75.1





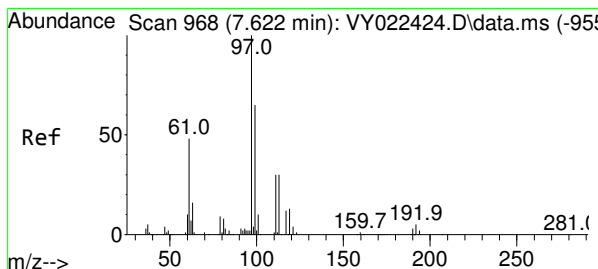
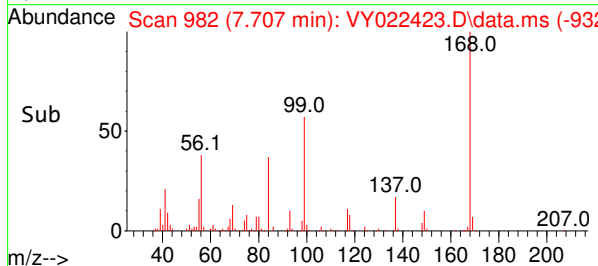
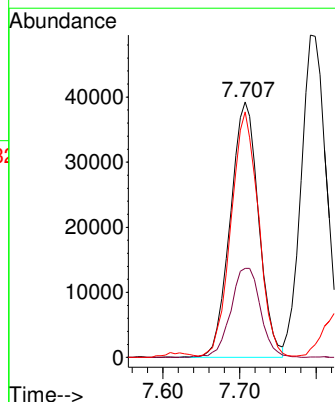
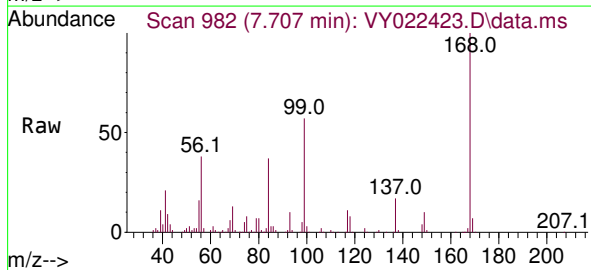
#31
Cyclohexane
Concen: 19.685 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument : MSVOA_Y
ClientSampleId : VSTDIC020

Tgt Ion: 56 Resp: 10078
Ion Ratio Lower Upper
56 100
69 34.8 24.6 36.8
84 94.5 70.4 105.6

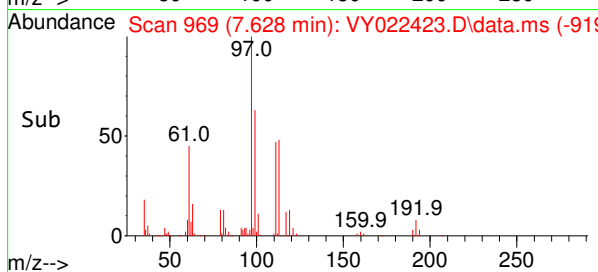
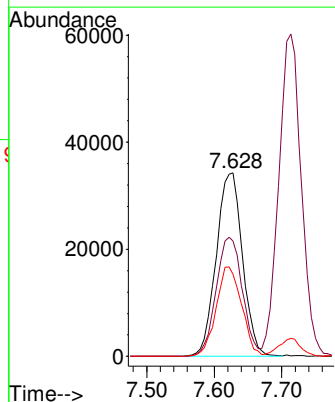
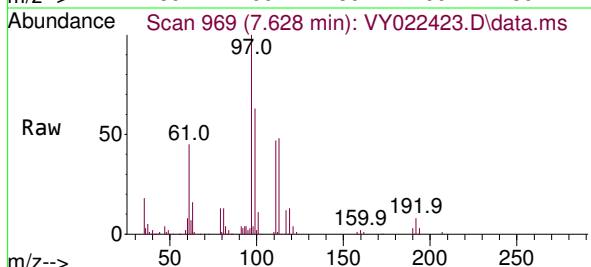
Manual Integrations
APPROVED

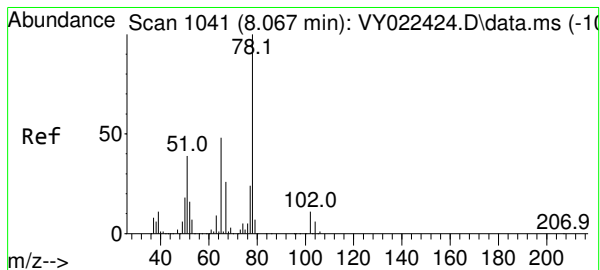
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#32
1,1,1-Trichloroethane
Concen: 19.923 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 97 Resp: 92540
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 47.2 37.3 55.9





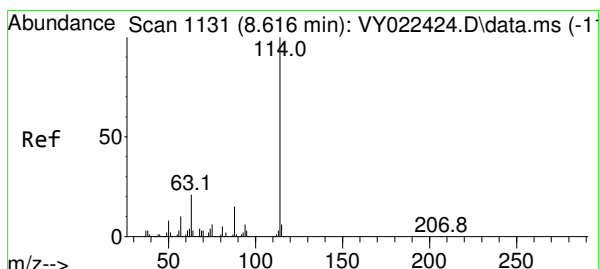
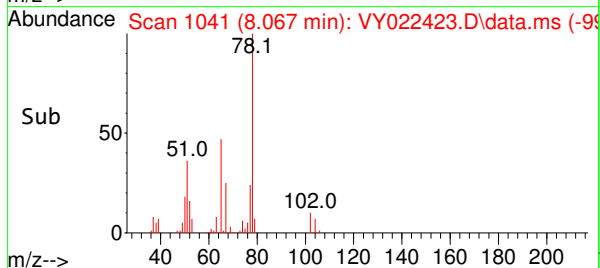
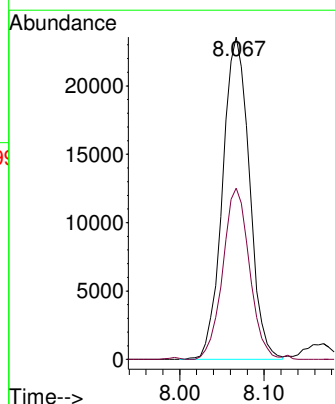
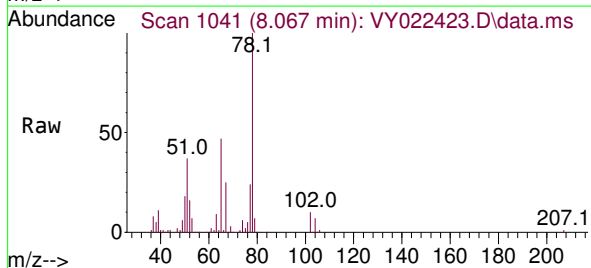
#33
1,2-Dichloroethane-d4
Concen: 19.622 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 5222
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.4

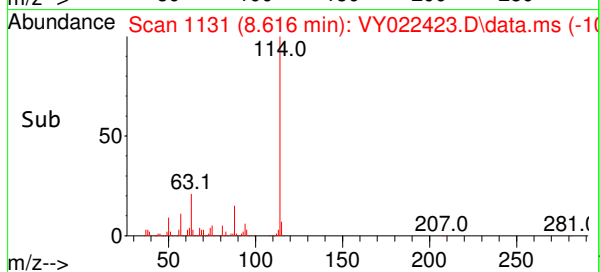
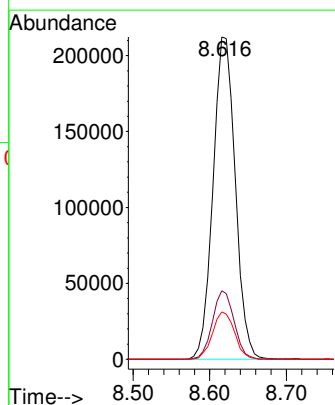
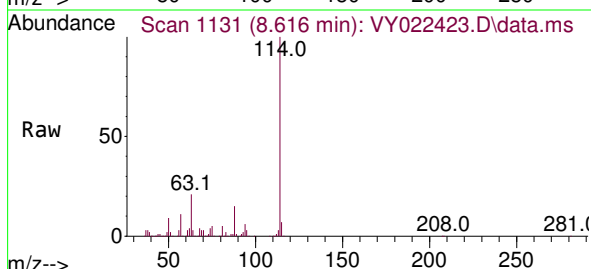
Manual Integrations
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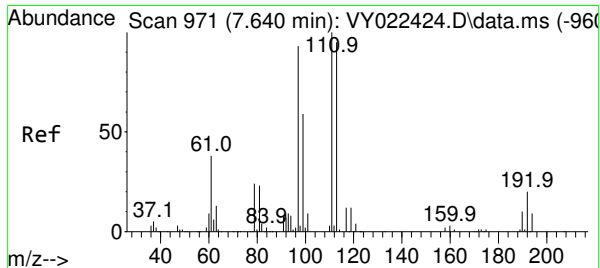
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:114 Resp: 427651
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.6
88 14.7 0.0 29.4





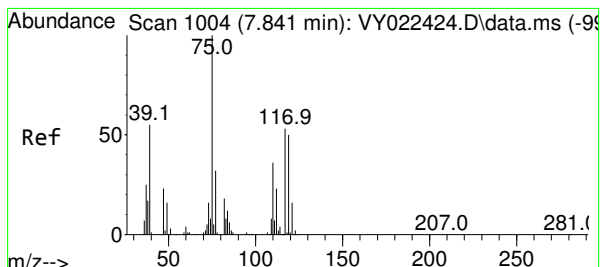
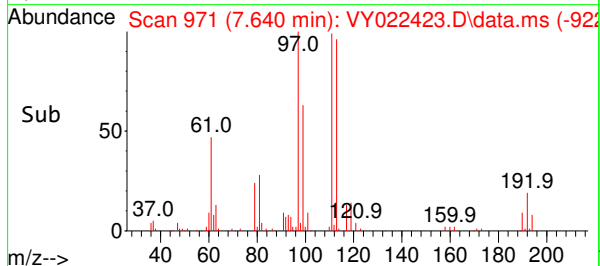
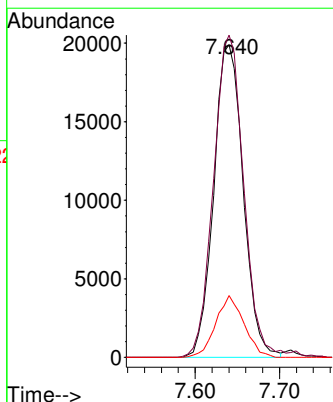
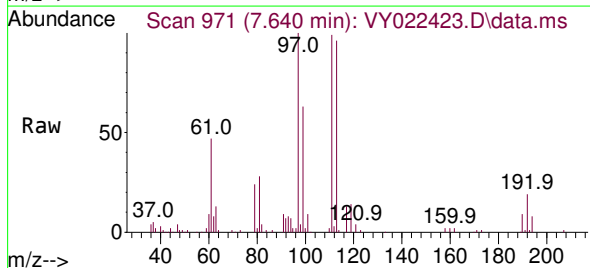
#35
Dibromofluoromethane
Concen: 19.331 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 4841
Ion Ratio Lower Upper
113 100
111 106.3 82.4 123.6
192 19.0 15.2 22.8

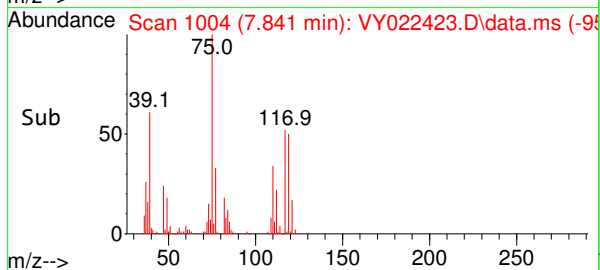
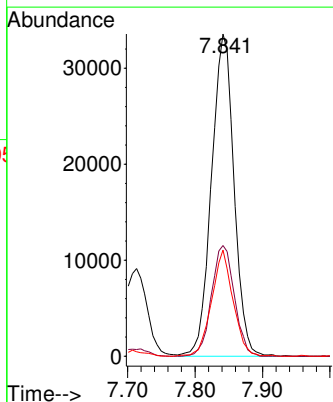
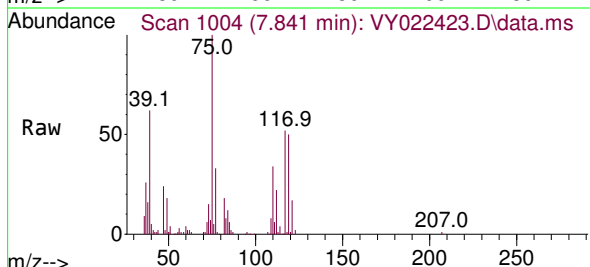
Manual Integrations
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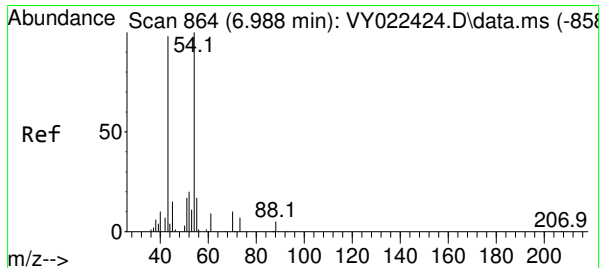
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#36
1,1-Dichloropropene
Concen: 19.594 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

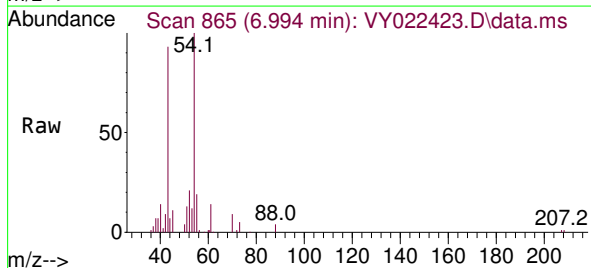
Tgt Ion: 75 Resp: 77871
Ion Ratio Lower Upper
75 100
110 34.8 17.1 51.2
77 31.3 25.1 37.7





#37
Ethyl Acetate
Concen: 19.462 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

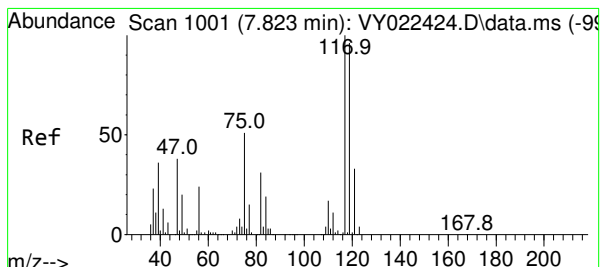
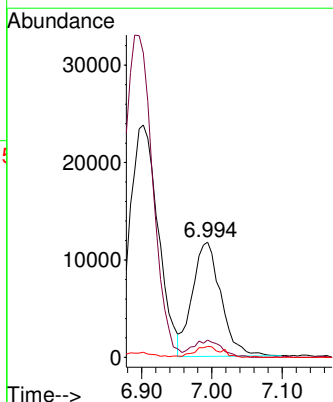
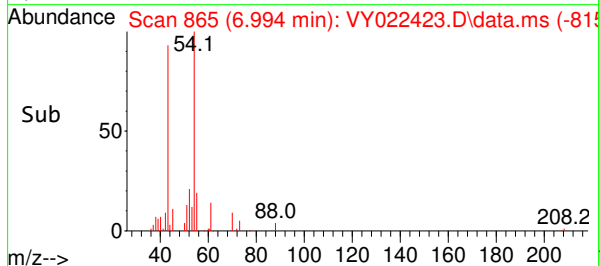
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 3287
Ion Ratio Lower Upper
43 100
61 15.4 11.7 17.5
70 9.0 7.8 11.6

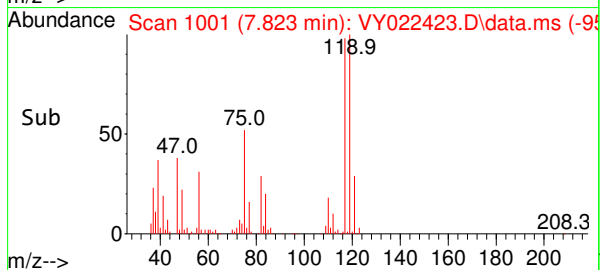
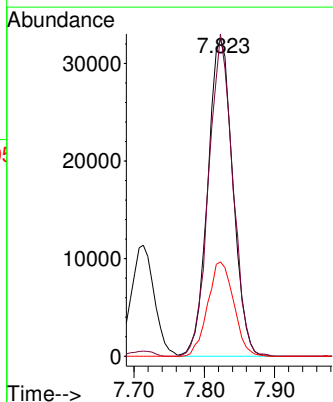
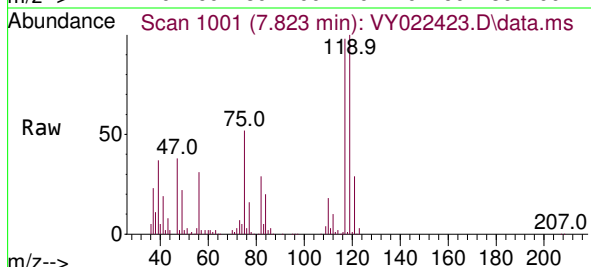
Manual Integrations
APPROVED

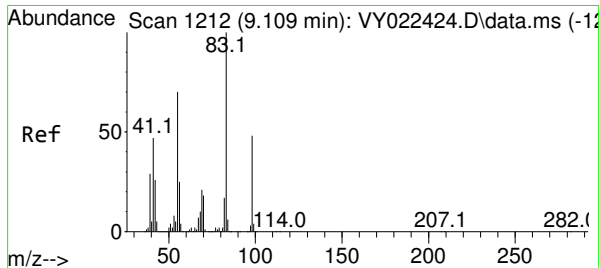
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#38
Carbon Tetrachloride
Concen: 19.468 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:117 Resp: 80594
Ion Ratio Lower Upper
117 100
119 101.7 76.3 114.5
121 29.8 26.1 39.1





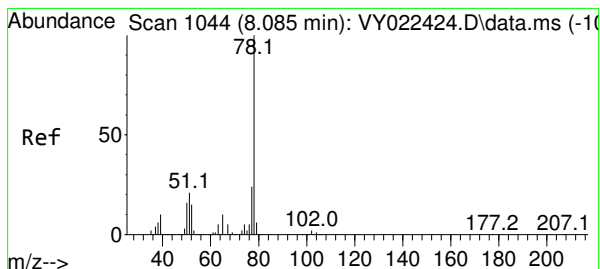
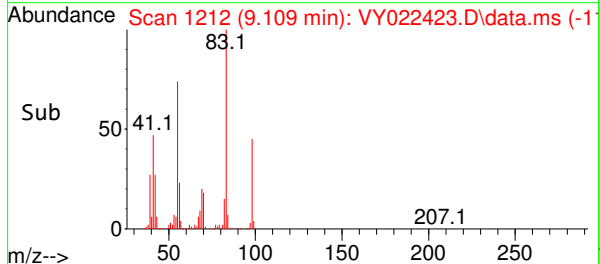
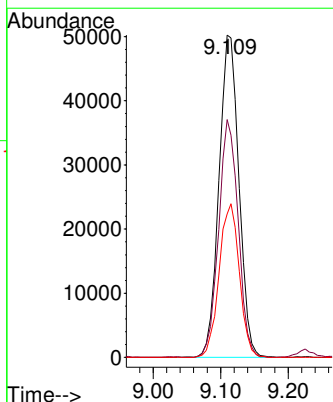
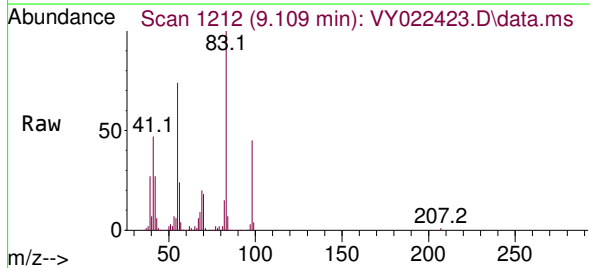
#39
Methylcyclohexane
Concen: 19.540 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 10322
Ion Ratio Lower Upper
83 100
55 73.7 56.2 84.2
98 44.5 38.4 57.6

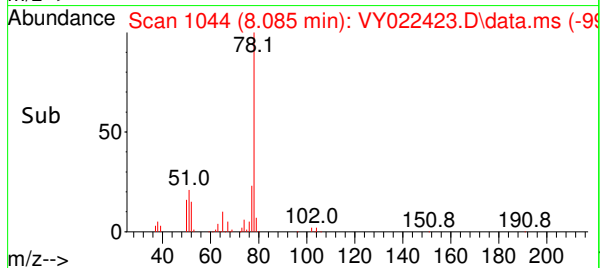
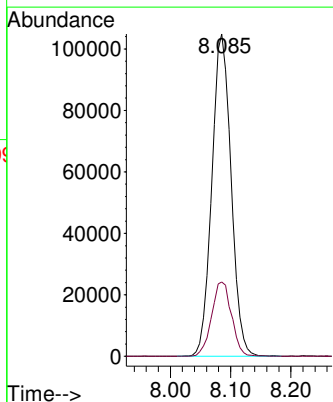
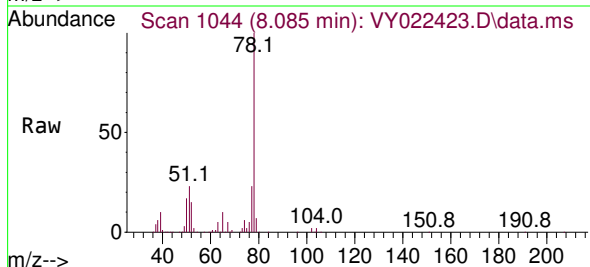
Manual Integrations
APPROVED

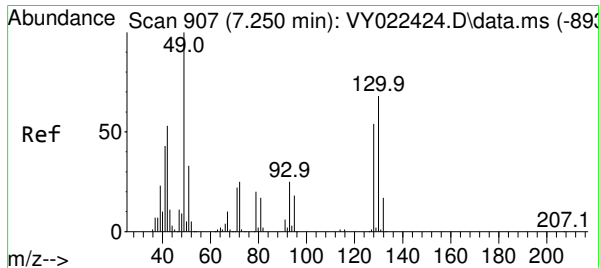
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#40
Benzene
Concen: 19.670 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 78 Resp: 232606
Ion Ratio Lower Upper
78 100
77 23.0 19.4 29.2





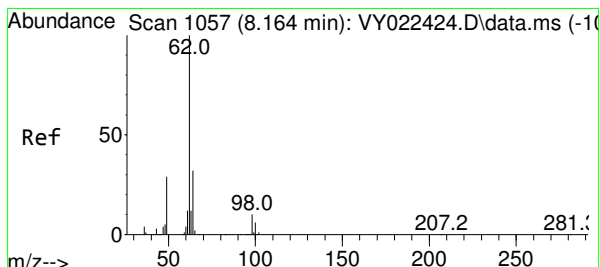
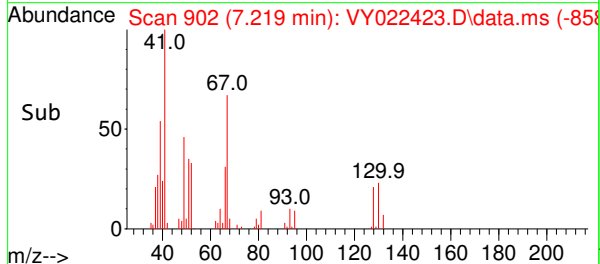
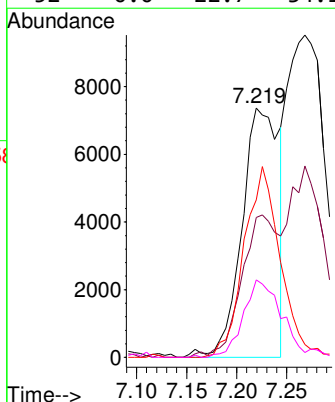
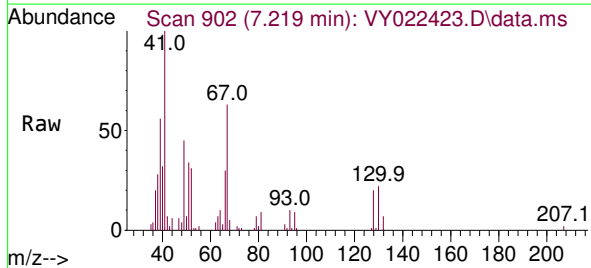
#41
Methacrylonitrile
Concen: 8.609 ug/l
RT: 7.219 min Scan# 907
Delta R.T. -0.030 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:	41	Resp:	1913
Ion	Ratio	Lower	Upper
41	100		
39	76.6	40.4	60.6
67	0.0	53.0	79.4
52	0.0	22.7	34.1

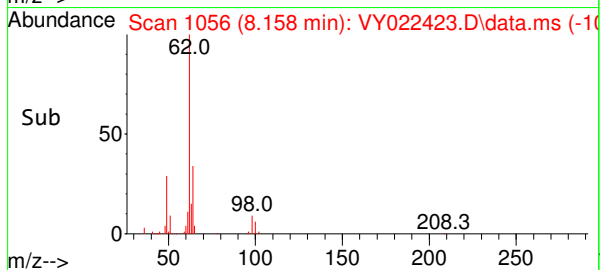
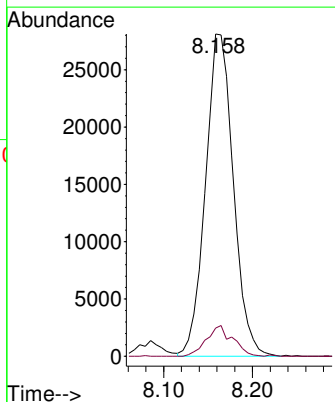
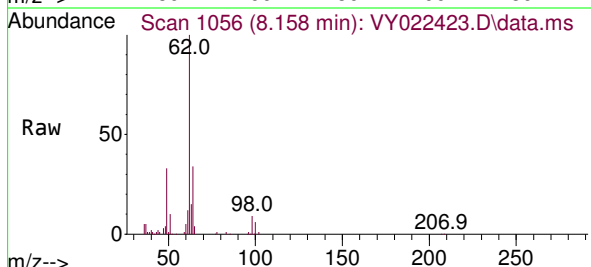
Manual Integrations
APPROVED

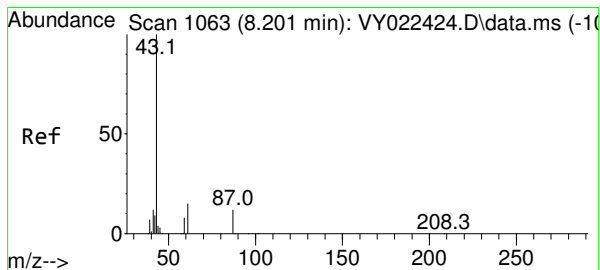
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#42
1,2-Dichloroethane
Concen: 19.699 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:	62	Resp:	61523
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4





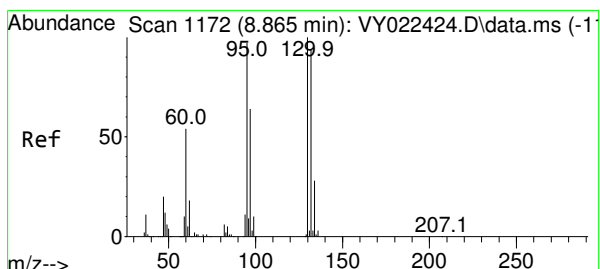
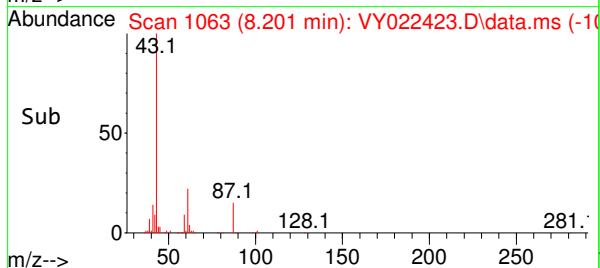
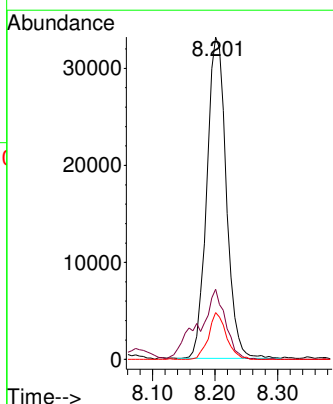
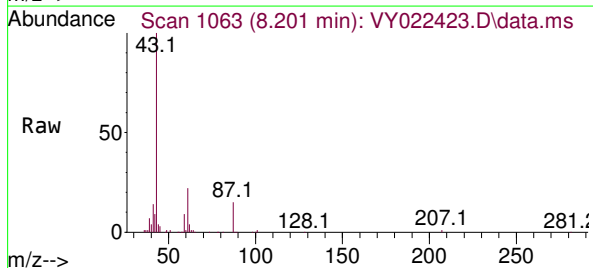
#43
Isopropyl Acetate
Concen: 19.483 ug/l
RT: 8.201 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument : MSVOA_Y
ClientSampleId : VSTDICC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.1	15.4	23.6
87	13.2	10.6	15.8

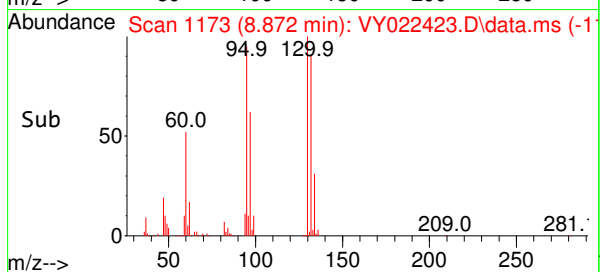
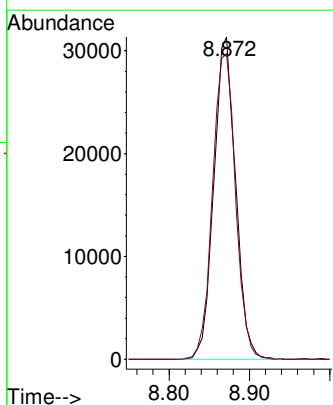
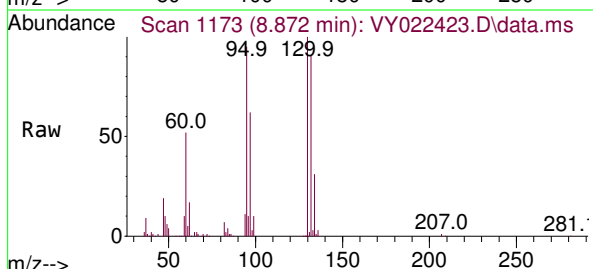
Manual Integrations
APPROVED

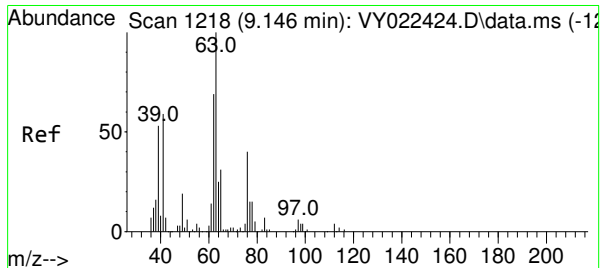
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#44
Trichloroethene
Concen: 20.135 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	194.8





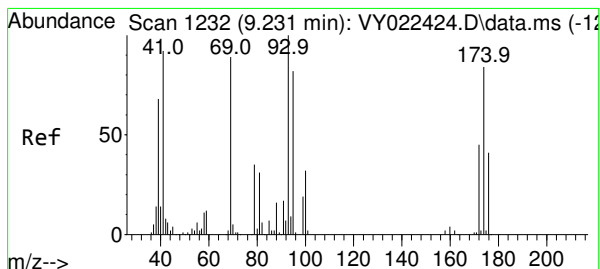
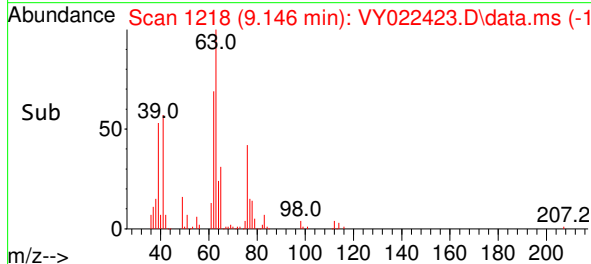
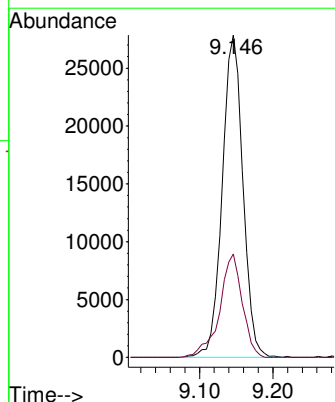
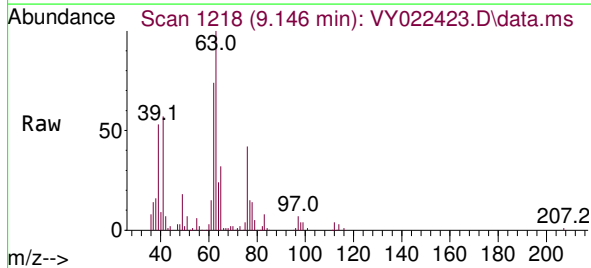
#45
1,2-Dichloropropane
Concen: 19.598 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 63 Resp: 5445
Ion Ratio Lower Upper
63 100
65 32.1 25.1 37.7

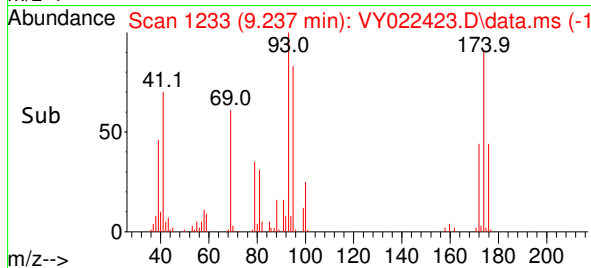
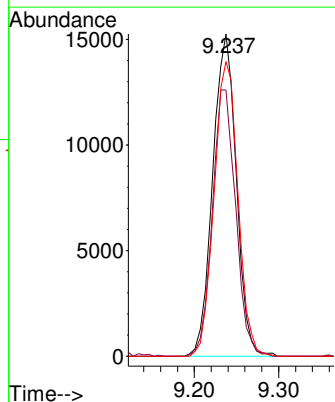
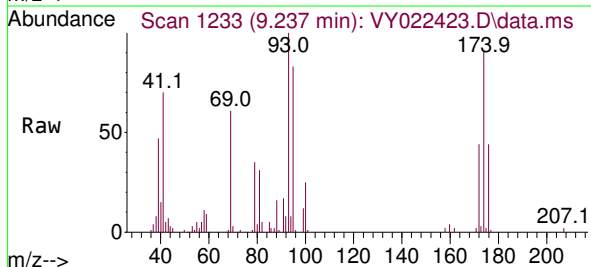
Manual Integrations
APPROVED

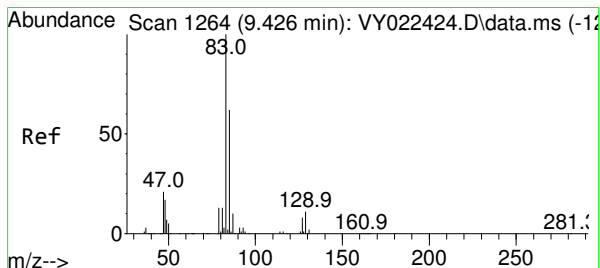
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#46
Dibromomethane
Concen: 19.122 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 93 Resp: 29679
Ion Ratio Lower Upper
93 100
95 82.0 66.2 99.2
174 92.5 71.1 106.7





#47

Bromodichloromethane

Concen: 19.250 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 7683

Ion Ratio Lower Upper

83 100

85 64.6 49.8 74.6

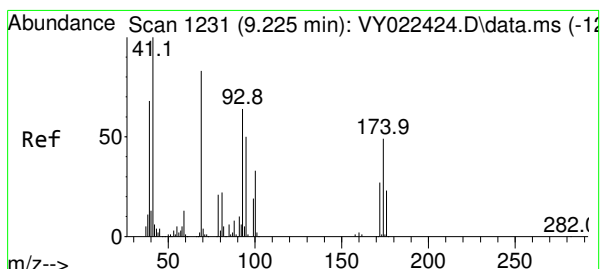
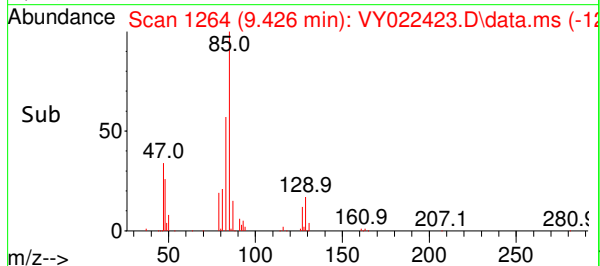
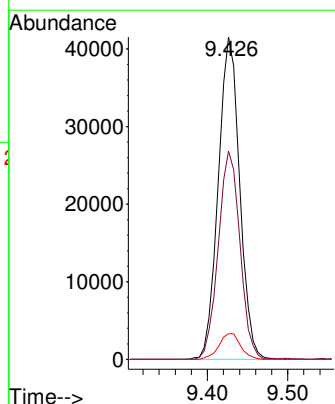
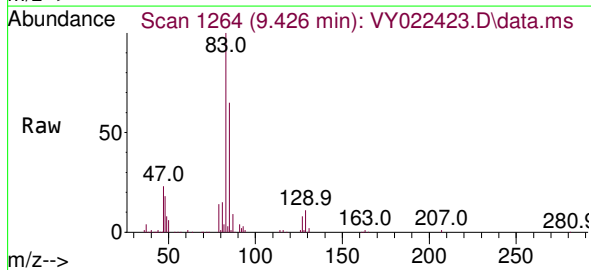
127 8.0 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#48

Methyl methacrylate

Concen: 19.218 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

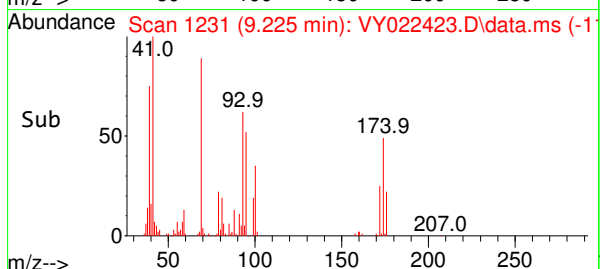
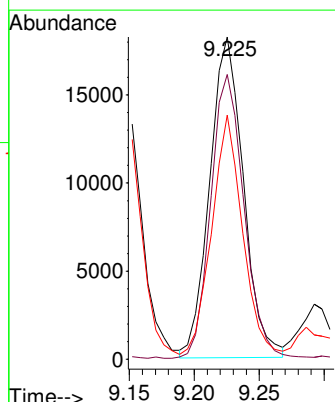
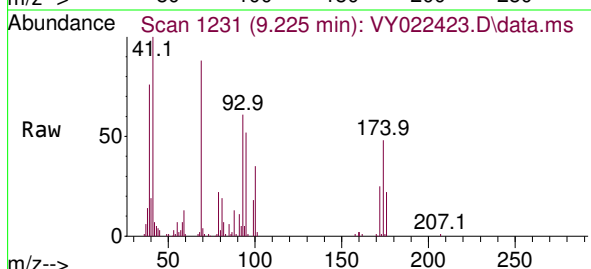
Tgt Ion: 41 Resp: 32925

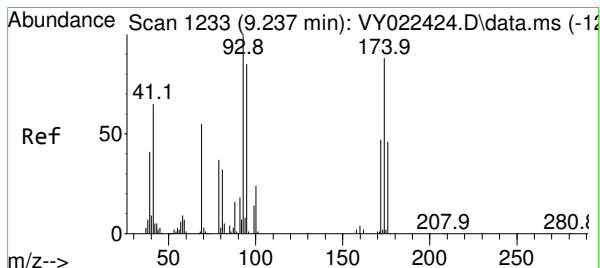
Ion Ratio Lower Upper

41 100

69 87.2 70.3 105.5

39 67.9 55.4 83.0





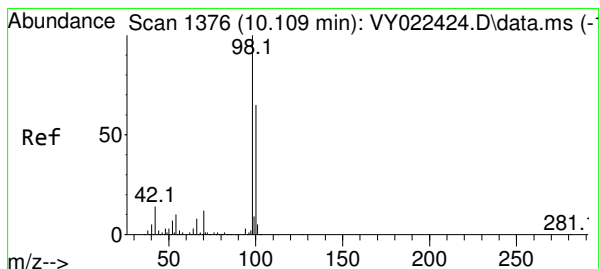
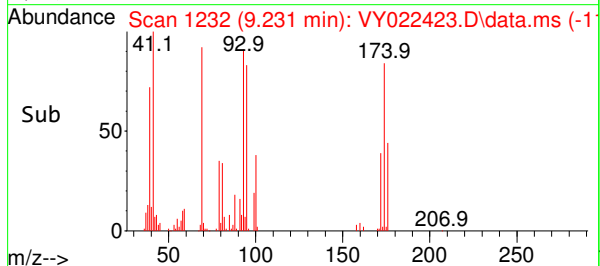
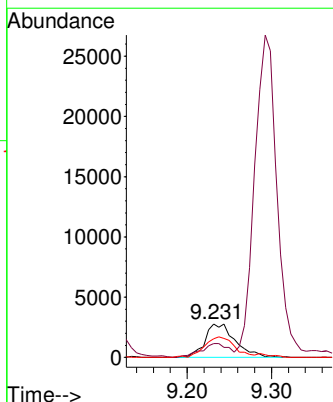
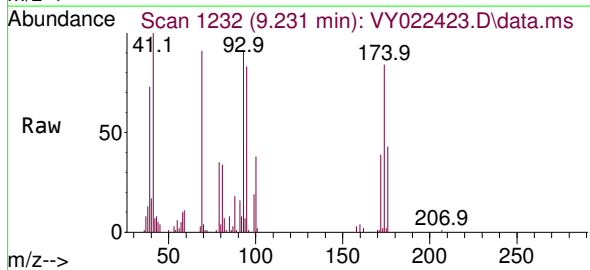
#49
1,4-Dioxane
Concen: 403.829 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 692
Ion Ratio Lower Upper
88 100
43 37.7 26.9 40.3
58 61.5 55.8 83.6

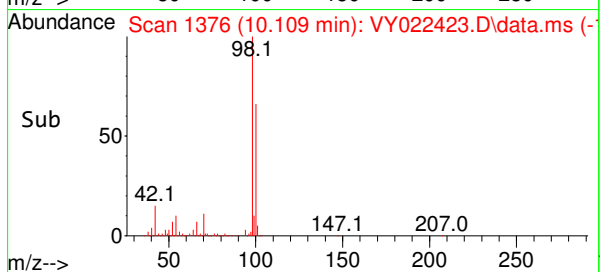
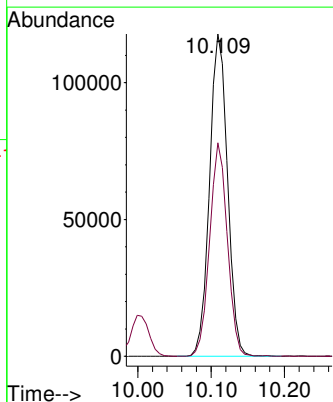
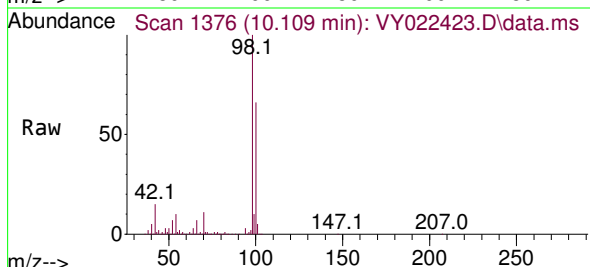
Manual Integrations
APPROVED

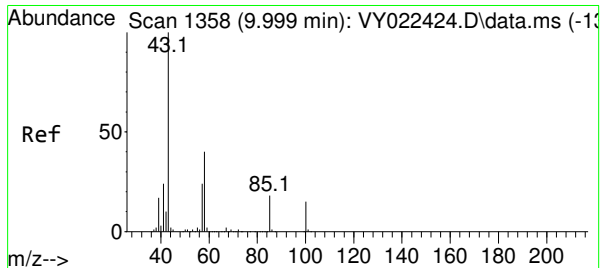
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#50
Toluene-d8
Concen: 19.571 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 98 Resp: 199816
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2





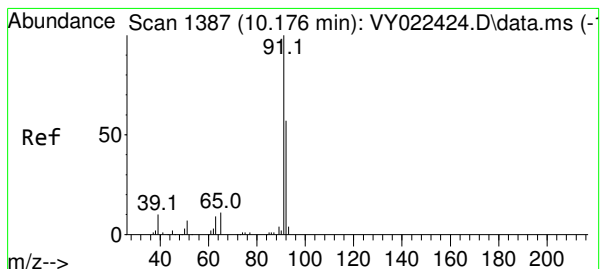
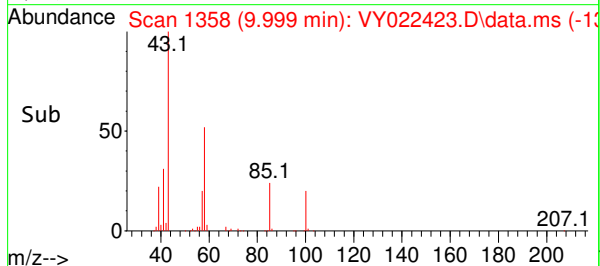
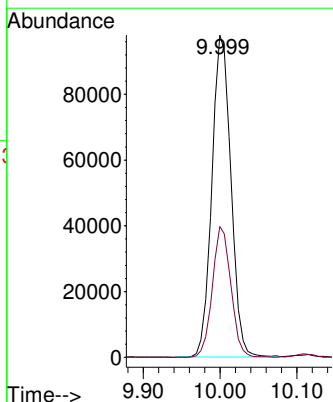
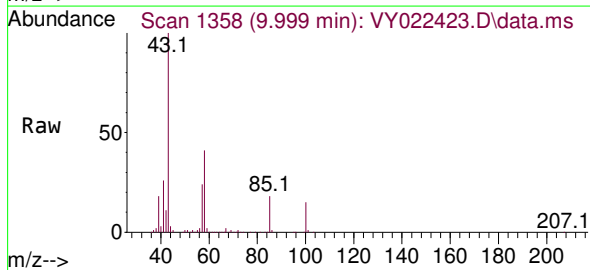
#51
4-Methyl-2-Pentanone
Concen: 92.837 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 16905
Ion Ratio Lower Upper
43 100
58 39.6 31.2 46.8

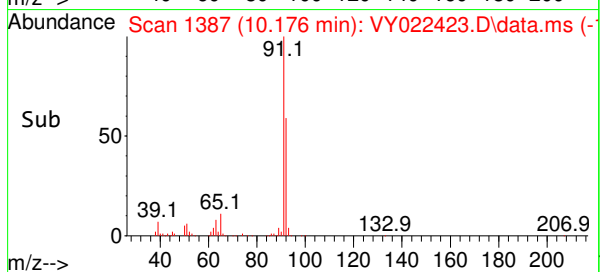
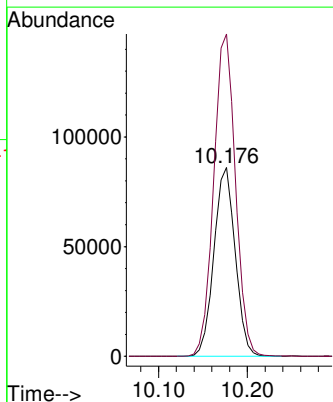
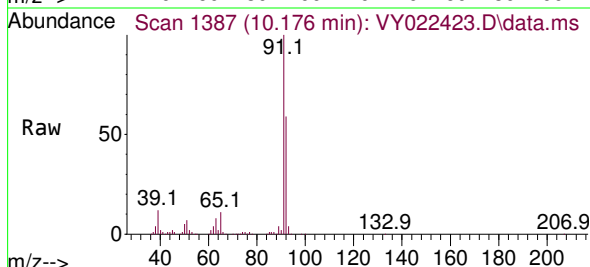
Manual Integrations
APPROVED

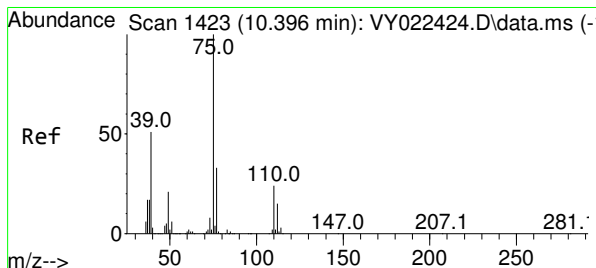
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#52
Toluene
Concen: 19.489 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 92 Resp: 143949
Ion Ratio Lower Upper
92 100
91 174.8 139.8 209.6





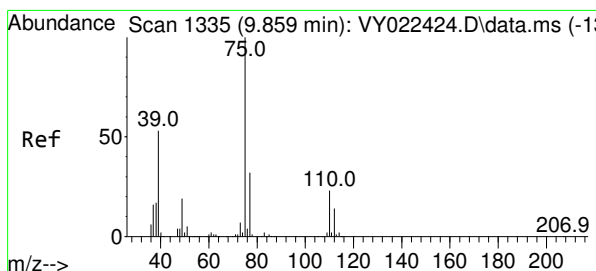
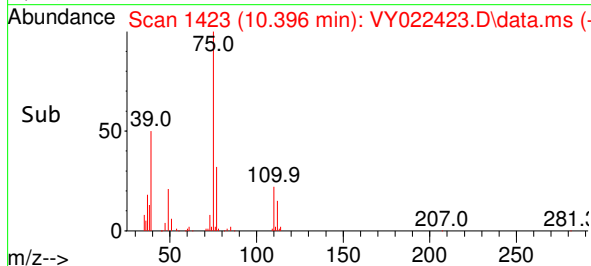
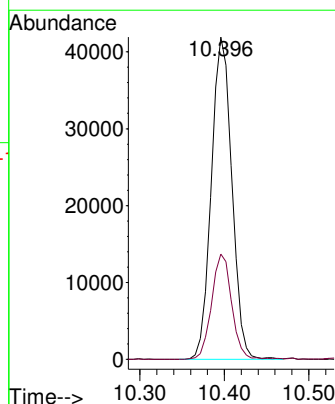
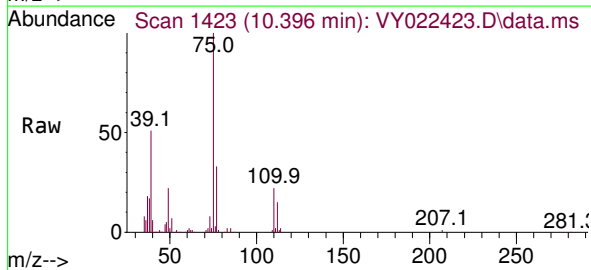
#53
t-1,3-Dichloropropene
Concen: 19.160 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 7123
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2

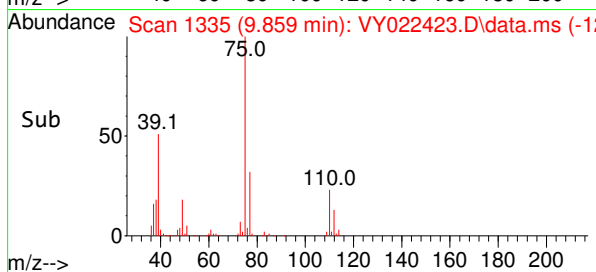
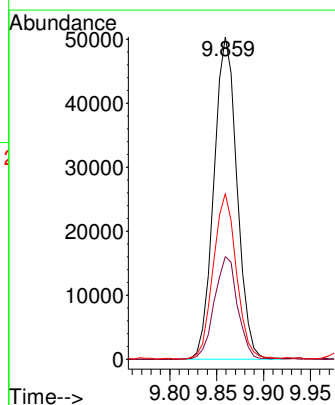
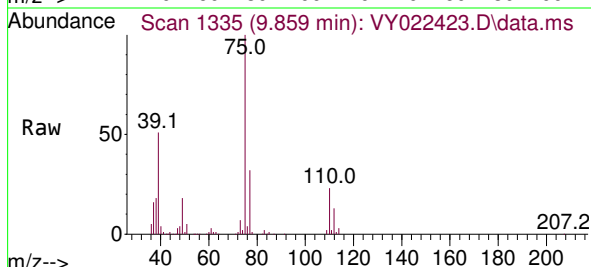
Manual Integrations
APPROVED

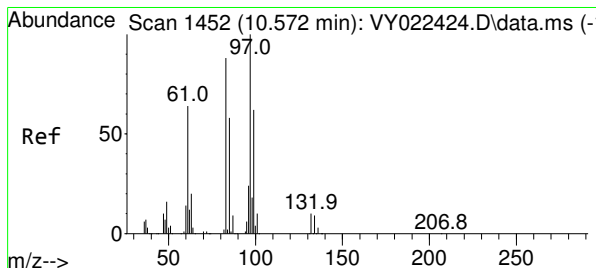
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#54
cis-1,3-Dichloropropene
Concen: 19.747 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 75 Resp: 86263
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 51.2 42.5 63.7





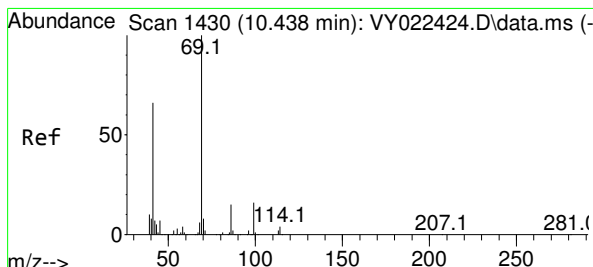
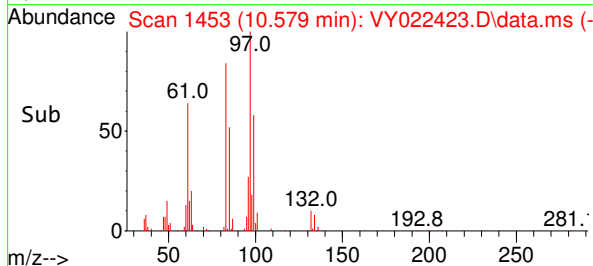
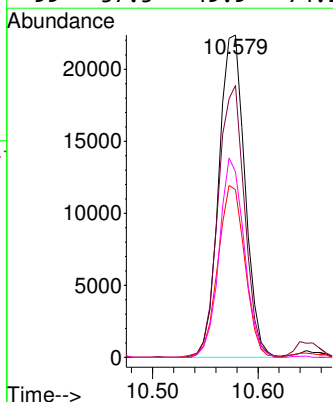
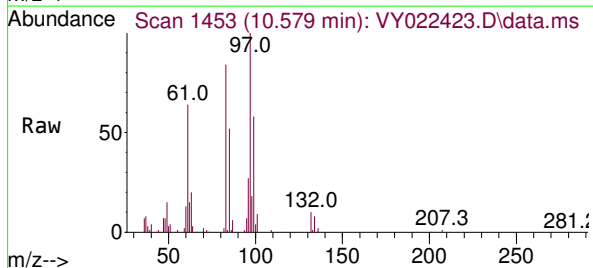
#55
1,1,2-Trichloroethane
Concen: 19.713 ug/l
RT: 10.579 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:	97	Resp:	3868
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.2	105.4
85	52.0	46.1	69.1
99	57.5	49.9	74.9

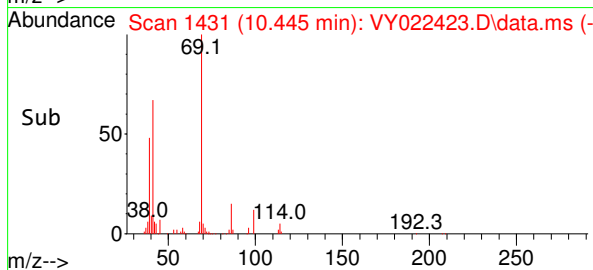
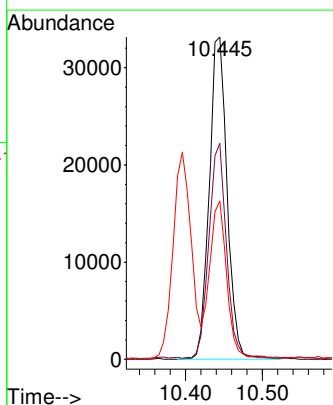
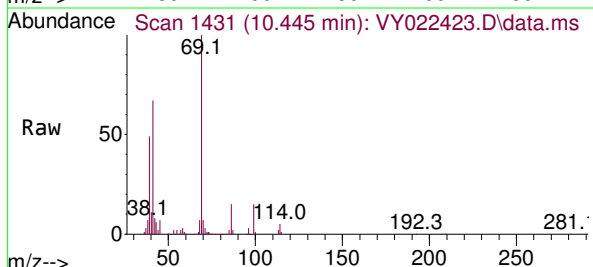
Manual Integrations
APPROVED

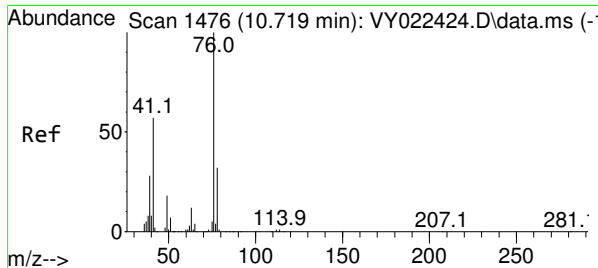
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#56
Ethyl methacrylate
Concen: 19.140 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:	69	Resp:	53900
Ion	Ratio	Lower	Upper
69	100		
41	65.2	51.2	76.8
39	45.7	35.2	52.8





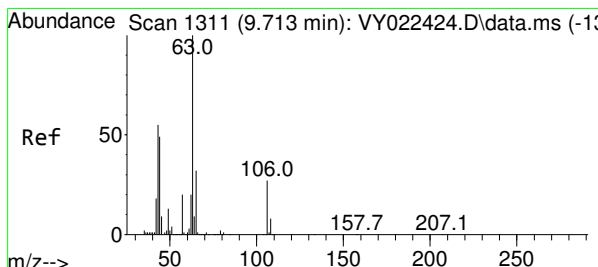
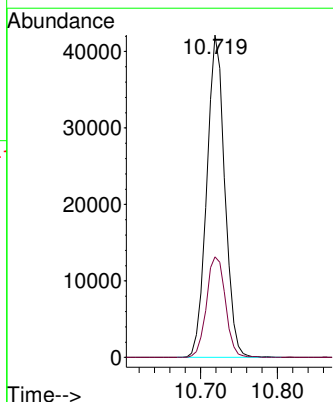
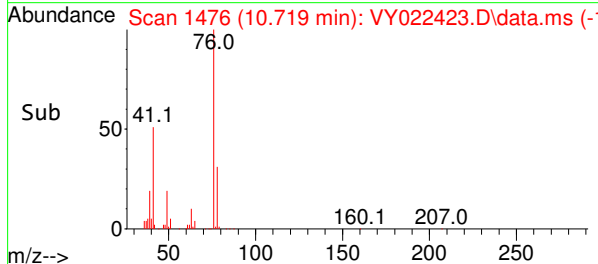
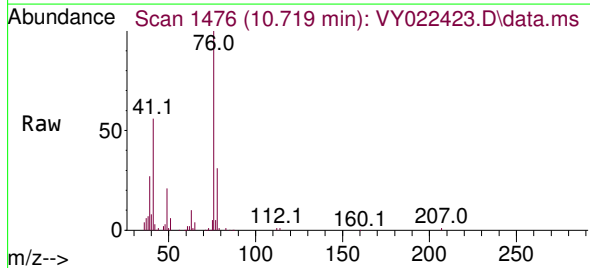
#57
1,3-Dichloropropane
Concen: 19.893 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument : MSVOA_Y
ClientSampleId : VSTDIC020

Tgt Ion: 76 Resp: 6879
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.8

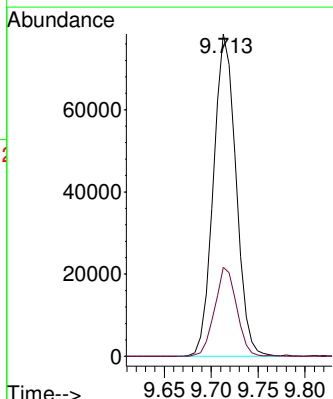
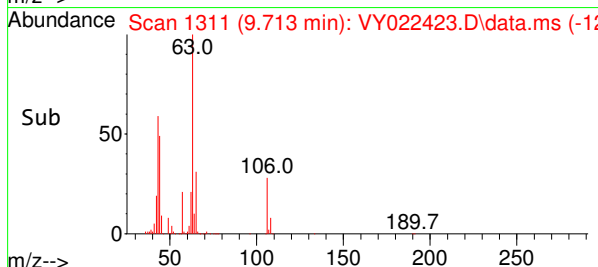
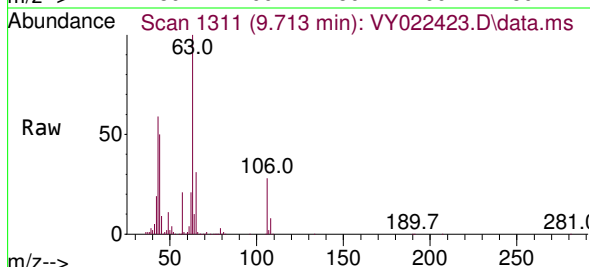
Manual Integrations
APPROVED

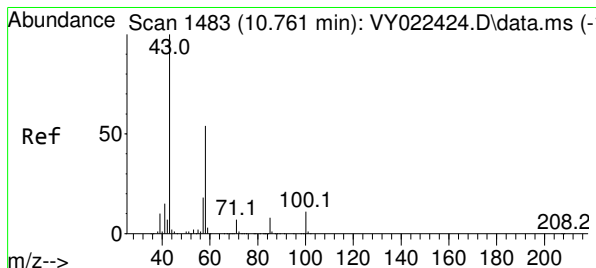
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 93.311 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 63 Resp: 130961
Ion Ratio Lower Upper
63 100
106 26.9 22.2 33.2





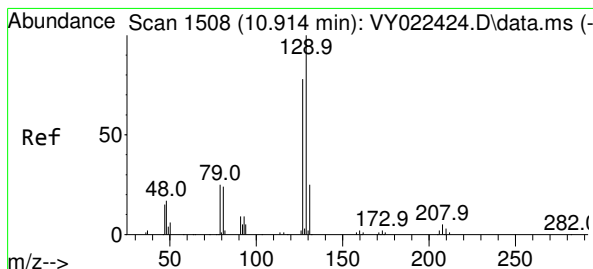
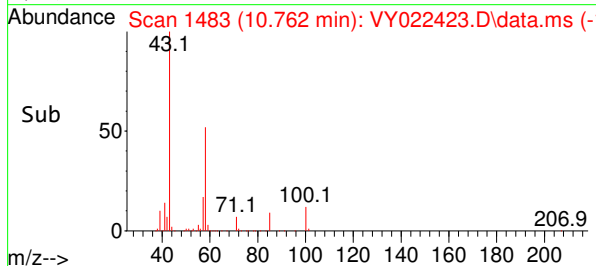
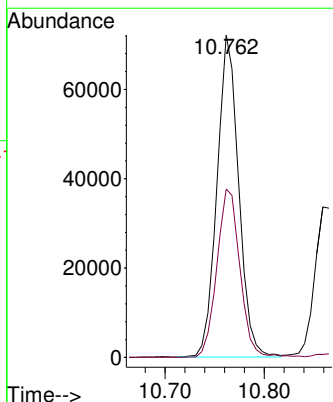
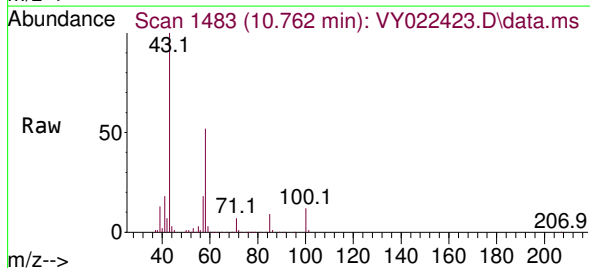
#59
2-Hexanone
Concen: 92.136 ug/l
RT: 10.762 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 10995
Ion Ratio Lower Upper
43 100
58 55.9 27.1 81.2

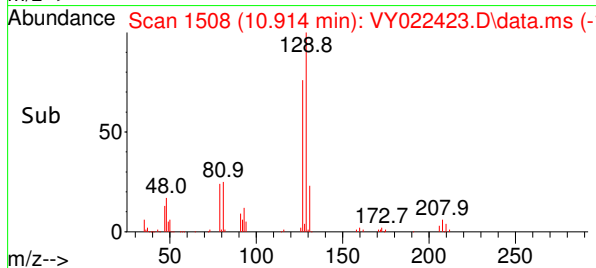
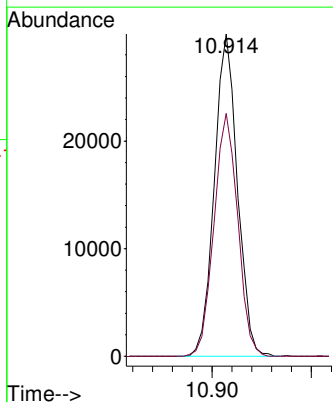
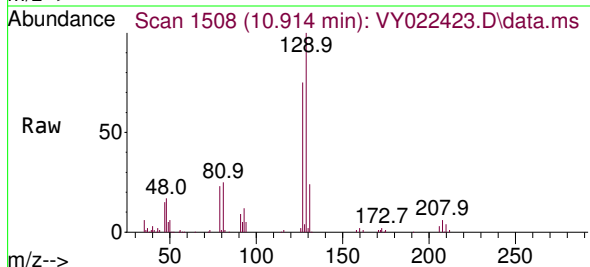
Manual Integrations
APPROVED

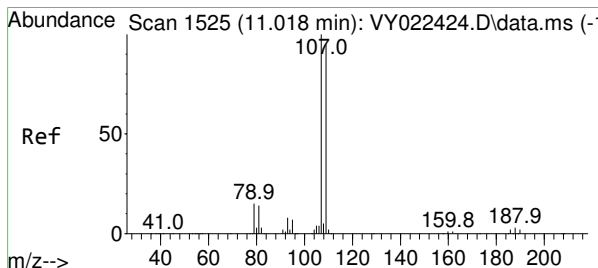
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#60
Dibromochloromethane
Concen: 19.384 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:129 Resp: 48590
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8





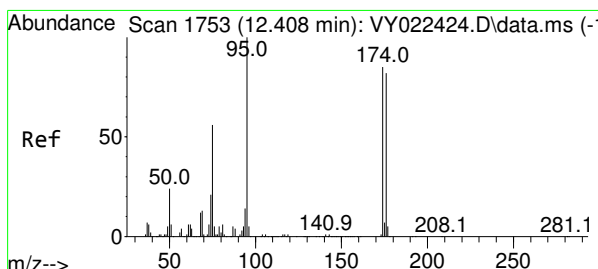
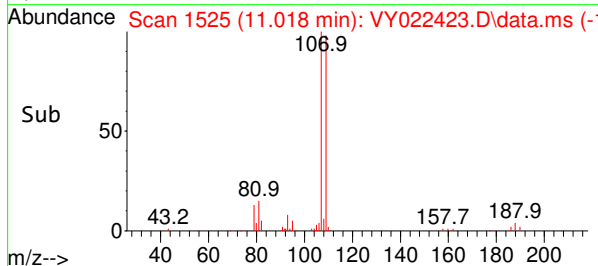
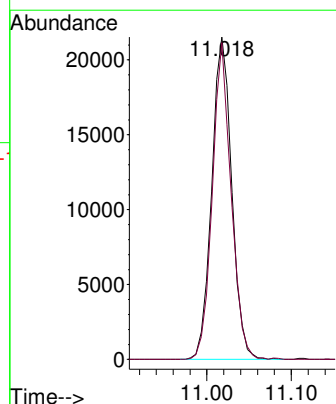
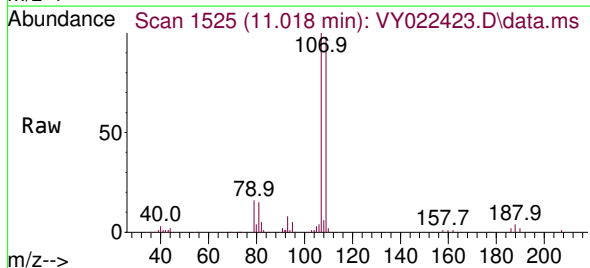
#61
1,2-Dibromoethane
Concen: 19.746 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 107 Resp: 3544
Ion Ratio Lower Upper
107 100
109 92.4 74.0 111.0

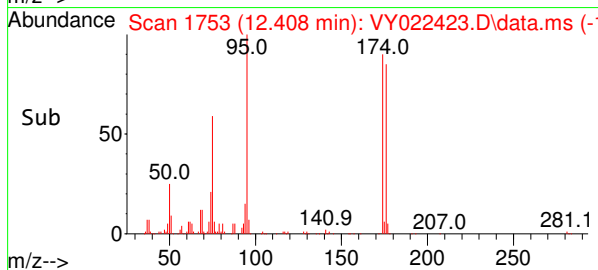
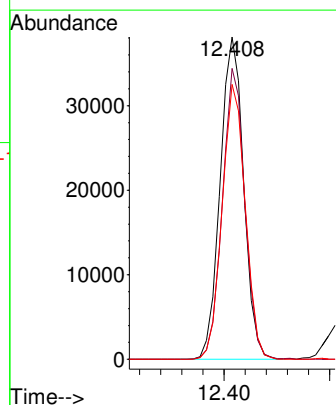
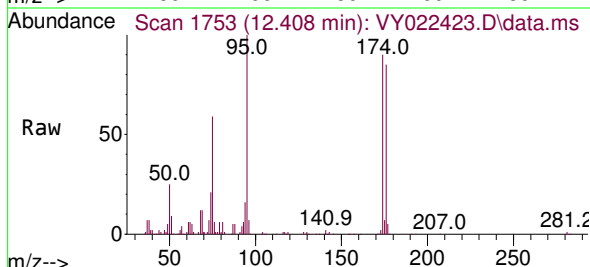
Manual Integrations
APPROVED

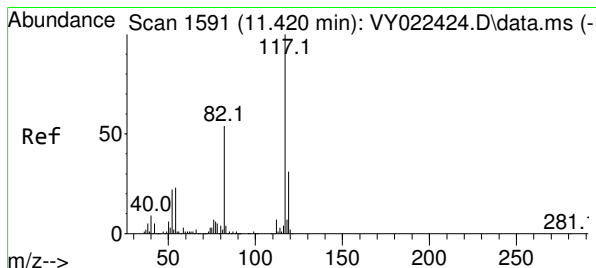
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#62
4-Bromofluorobenzene
Concen: 19.112 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 95 Resp: 59022
Ion Ratio Lower Upper
95 100
174 86.3 0.0 171.6
176 84.2 0.0 164.6





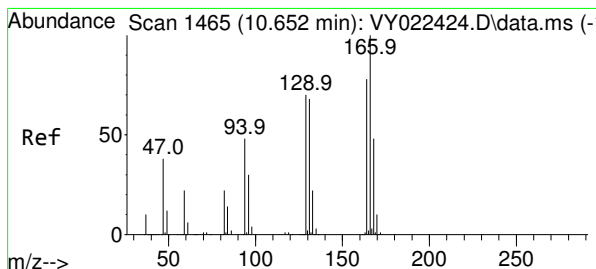
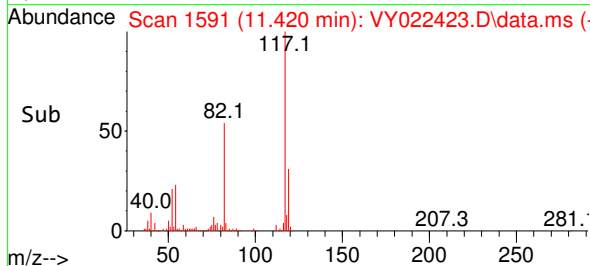
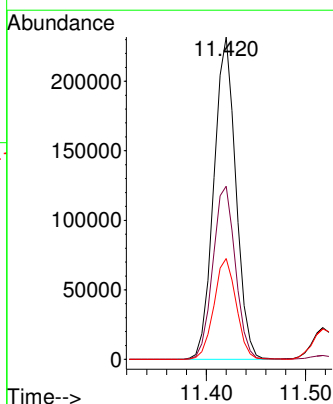
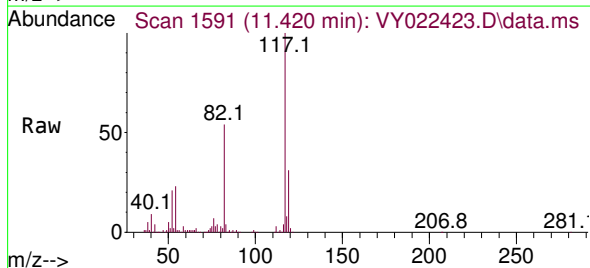
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 35889
Ion Ratio Lower Upper
117 100
82 53.7 43.3 64.9
119 31.3 24.5 36.7

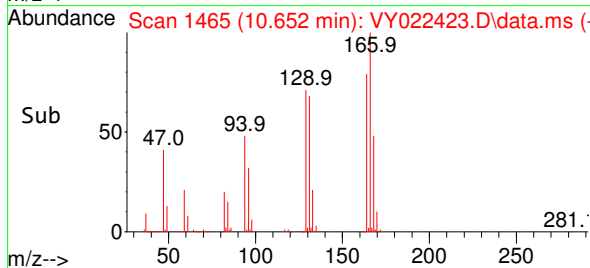
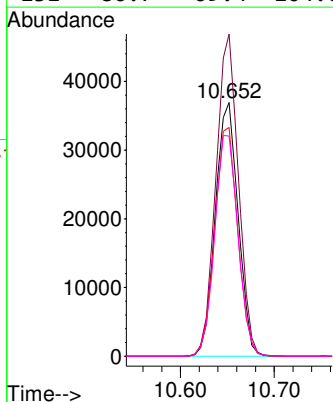
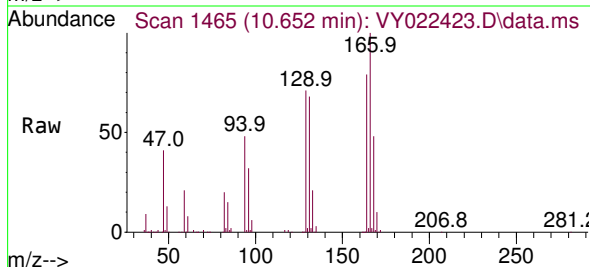
Manual Integrations
APPROVED

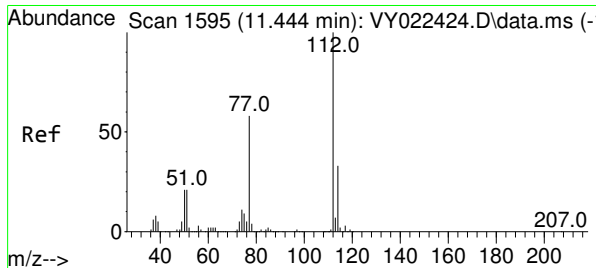
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#64
Tetrachloroethene
Concen: 20.357 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:164 Resp: 62224
Ion Ratio Lower Upper
164 100
166 127.0 102.0 153.0
129 90.2 71.3 106.9
131 86.7 69.4 104.0





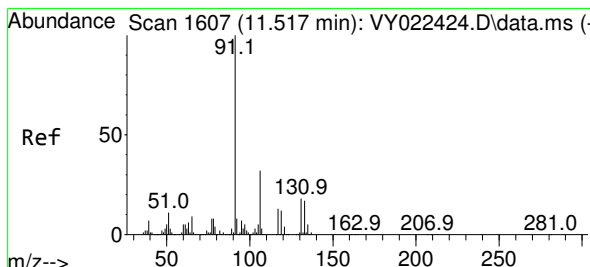
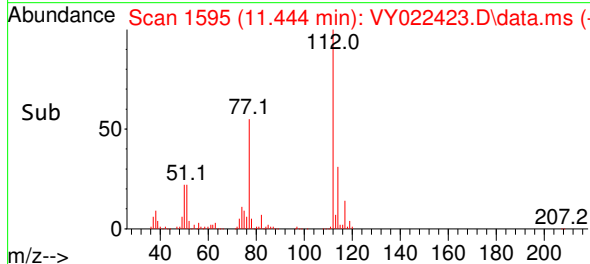
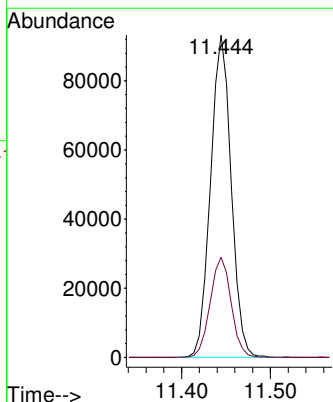
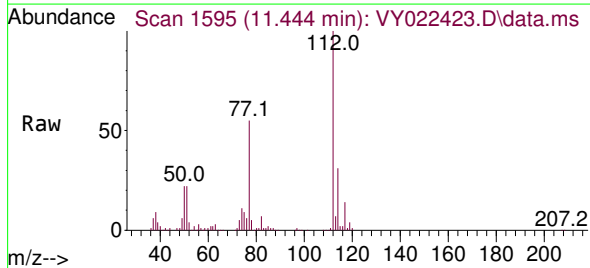
#65
Chlorobenzene
Concen: 19.709 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument : MSVOA_Y
ClientSampleId : VSTDIC020

Tgt Ion:112 Resp: 15082
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1

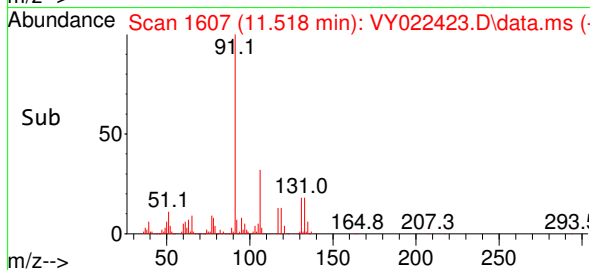
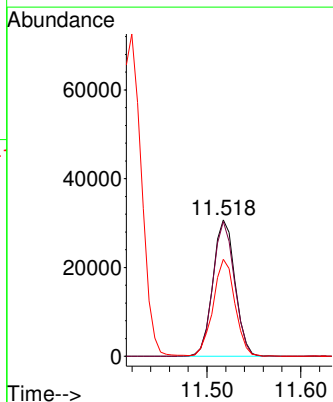
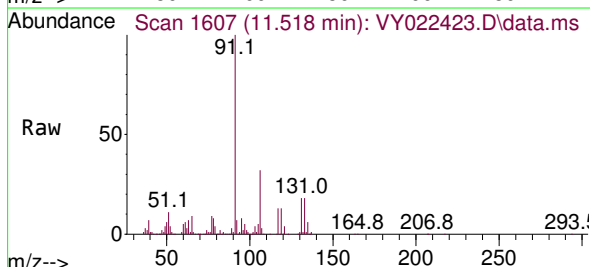
Manual Integrations
APPROVED

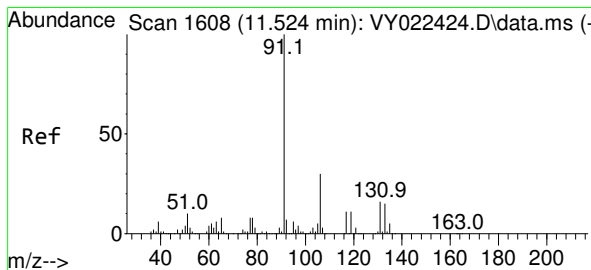
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.371 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:131 Resp: 50226
Ion Ratio Lower Upper
131 100
133 96.4 46.6 139.8
119 70.4 33.3 99.8





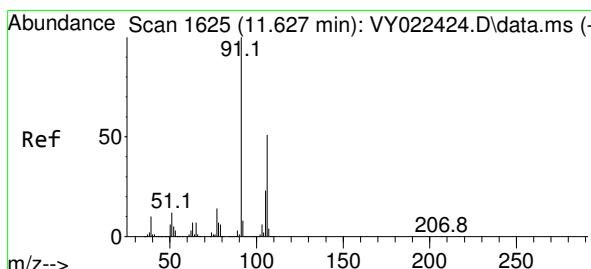
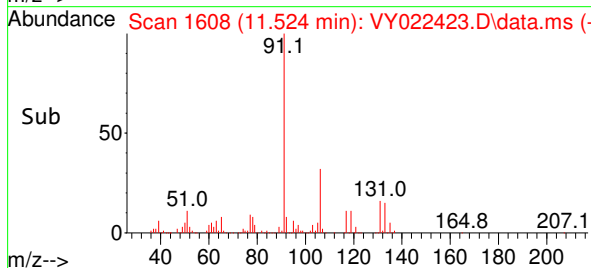
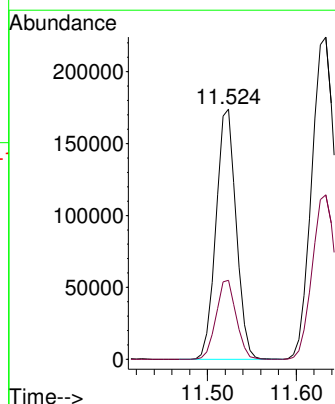
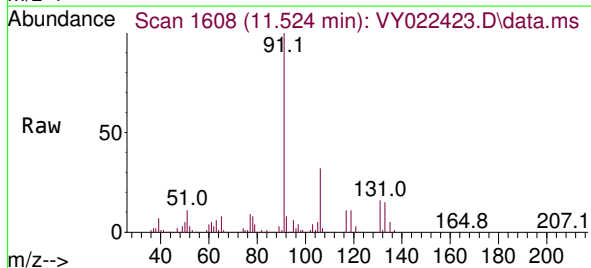
#67
Ethyl Benzene
Concen: 19.399 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument : MSVOA_Y
ClientSampleId : VSTDIC020

Tgt Ion: 91 Resp: 27565
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6

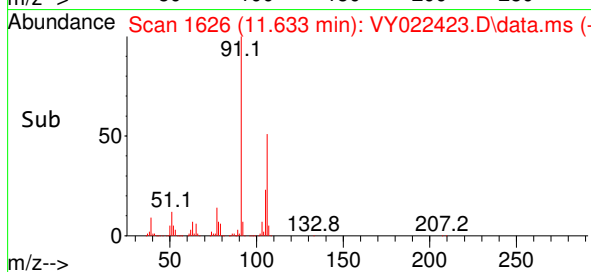
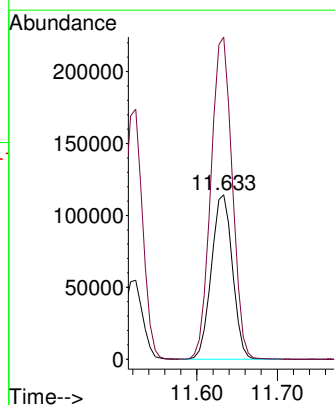
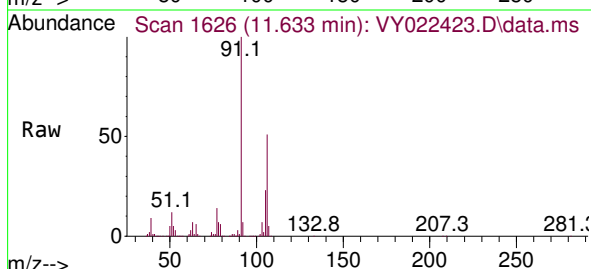
Manual Integrations
APPROVED

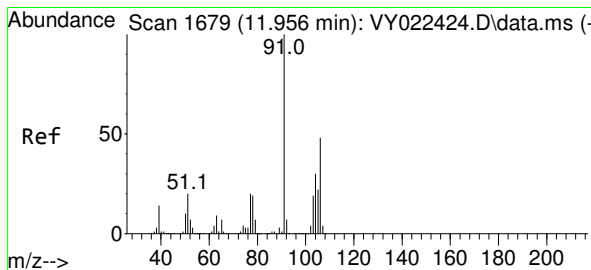
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#68
m/p-Xylenes
Concen: 38.557 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:106 Resp: 207724
Ion Ratio Lower Upper
106 100
91 198.7 159.8 239.8





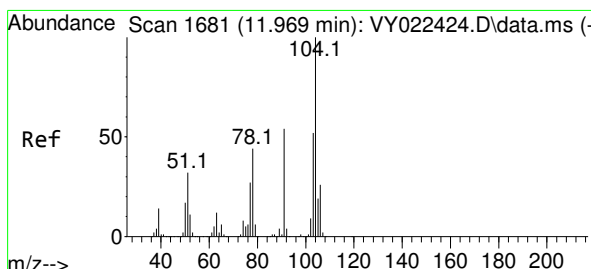
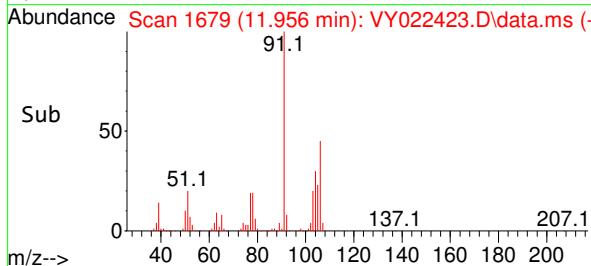
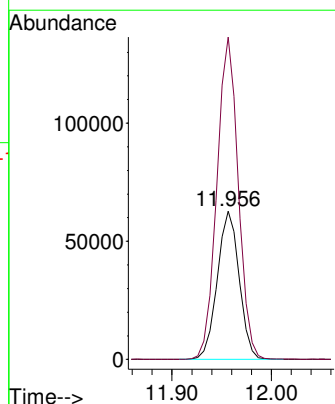
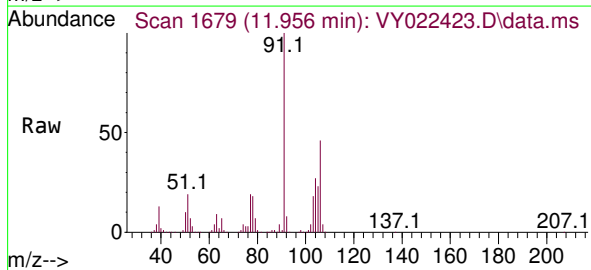
#69
o-Xylene
Concen: 19.075 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument : MSVOA_Y
ClientSampleId : VSTDIC020

Tgt Ion:106 Resp: 9658
Ion Ratio Lower Upper
106 100
91 212.9 106.3 318.9

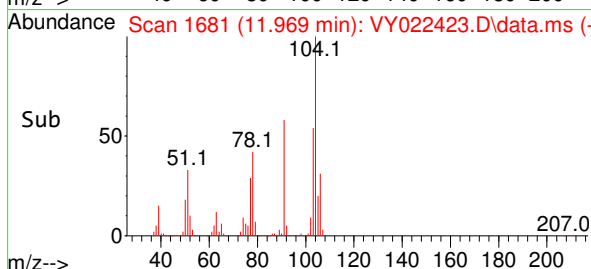
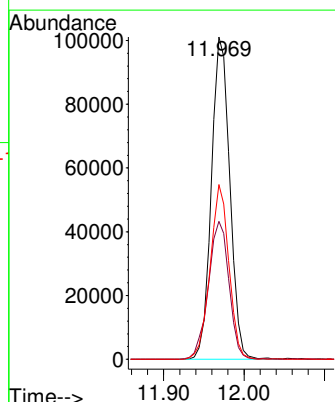
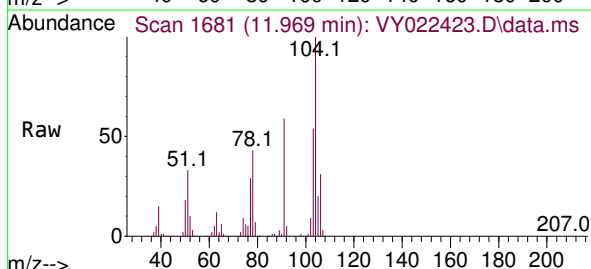
Manual Integrations
APPROVED

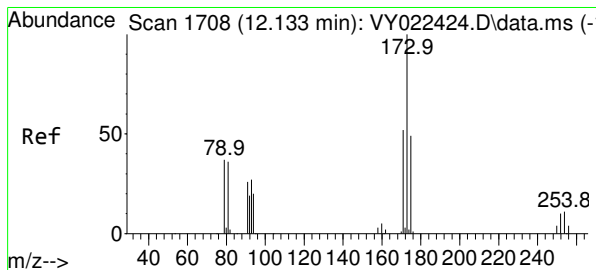
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#70
Styrene
Concen: 19.023 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:104 Resp: 160384
Ion Ratio Lower Upper
104 100
78 47.9 38.8 58.2
103 55.4 43.4 65.2





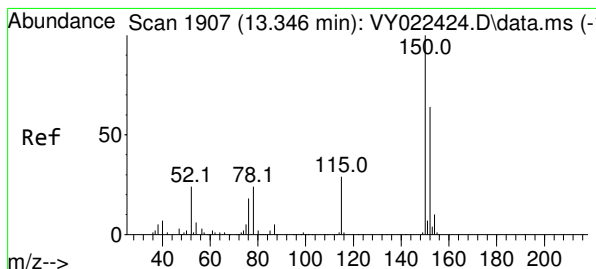
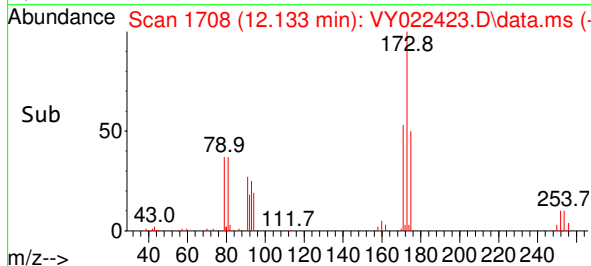
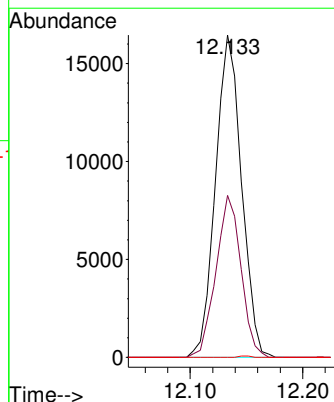
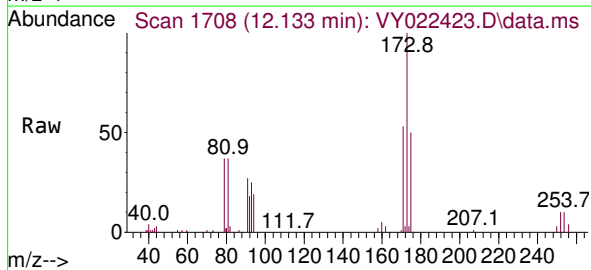
#71
Bromoform
Concen: 19.415 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	73.0
254	0.2	0.1	0.1

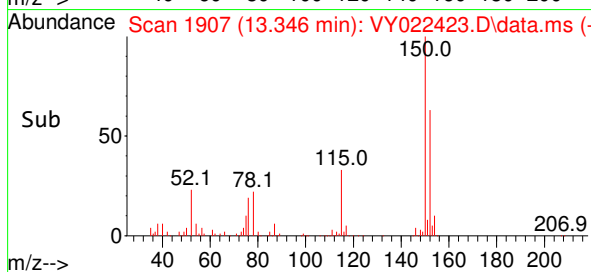
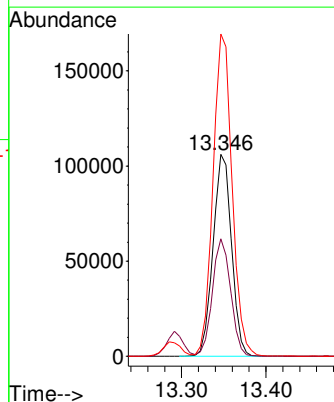
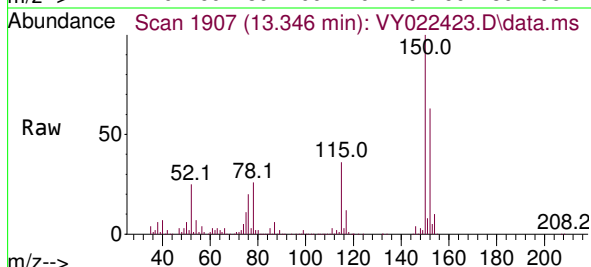
Manual Integrations
APPROVED

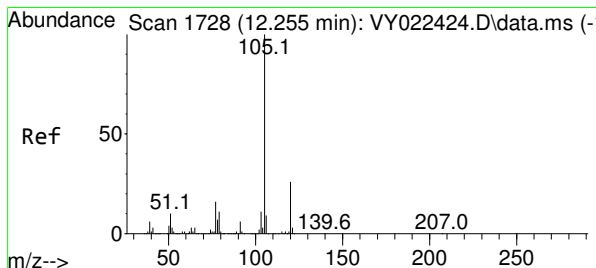
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.4	85.3
150	164.9	0.0	345.8





#73

Isopropylbenzene

Concen: 20.053 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 25575

Ion Ratio Lower Upper

105 100

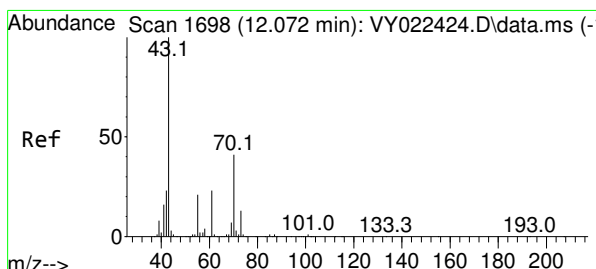
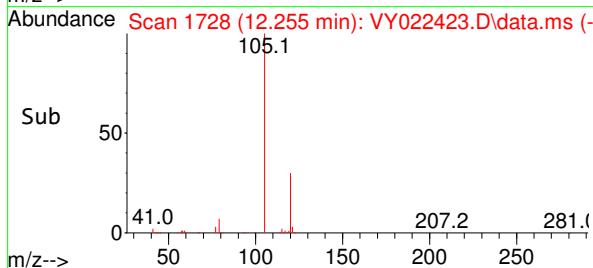
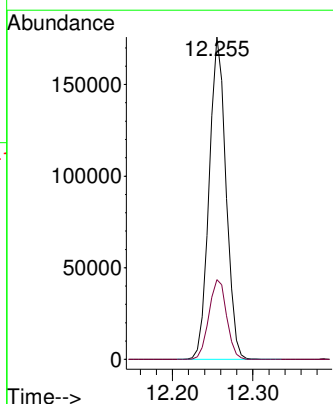
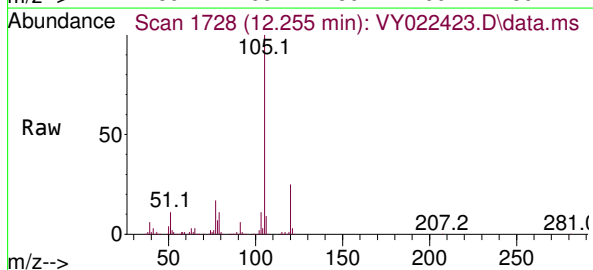
120 26.0 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#74

N-ethyl acetate

Concen: 19.558 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Tgt Ion: 43 Resp: 61037

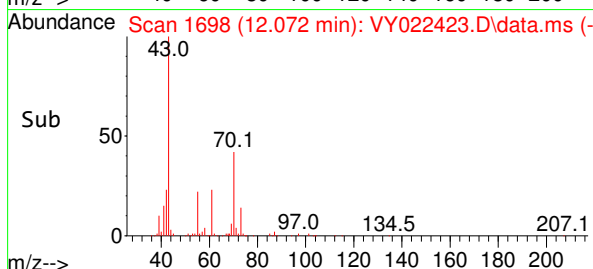
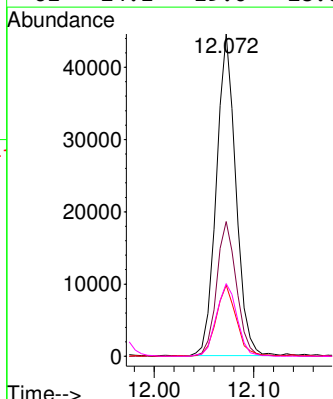
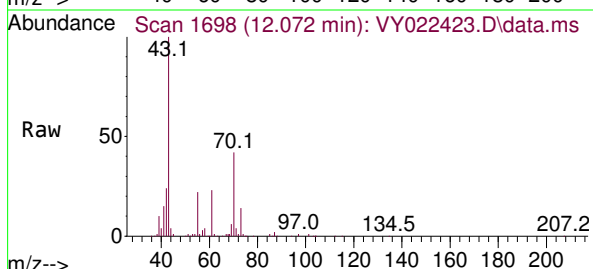
Ion Ratio Lower Upper

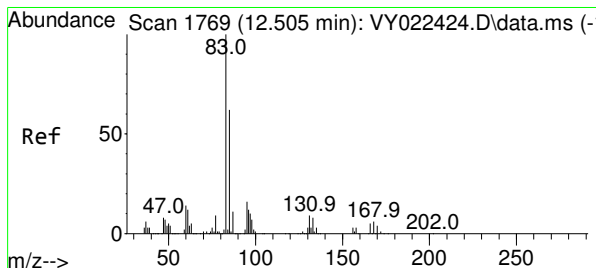
43 100

70 42.7 33.0 49.4

55 23.2 17.5 26.3

61 24.1 19.0 28.6





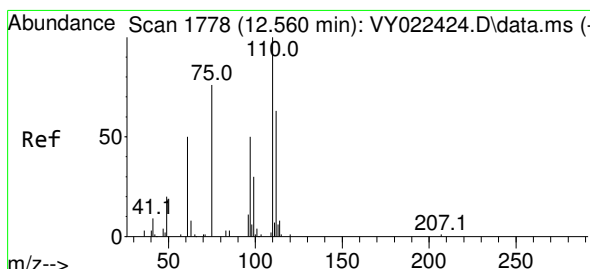
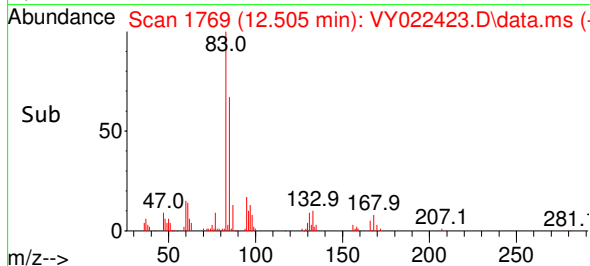
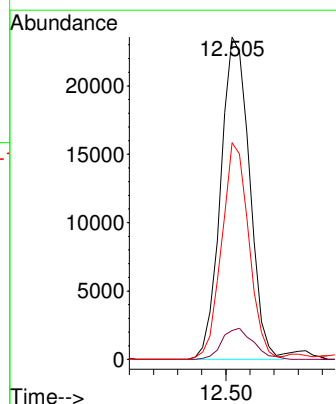
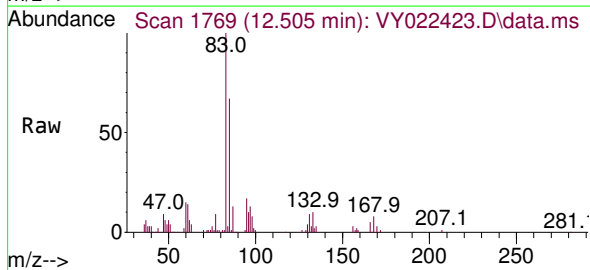
#75
1,1,2,2-Tetrachloroethane
Concen: 19.472 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.6	4.8	14.4
85	63.5	32.0	96.2

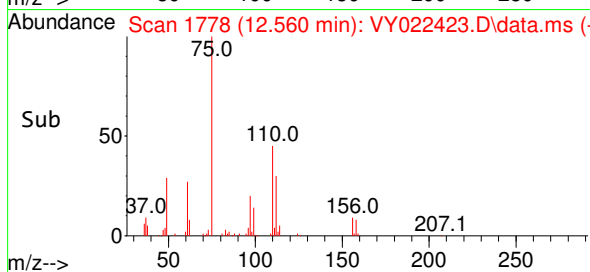
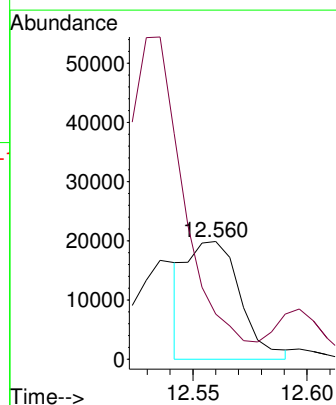
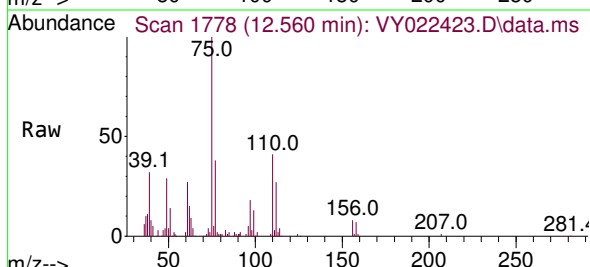
Manual Integrations
APPROVED

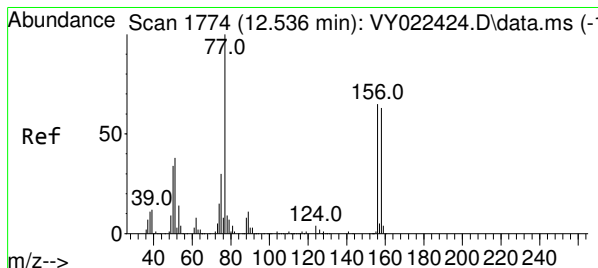
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#76
1,2,3-Trichloropropane
Concen: 12.094 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.273 ug/l

RT: 12.536 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:156 Resp: 5564

Ion Ratio Lower Upper

156 100

77 178.1 91.4 274.2

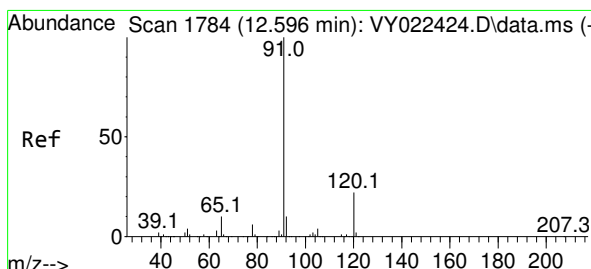
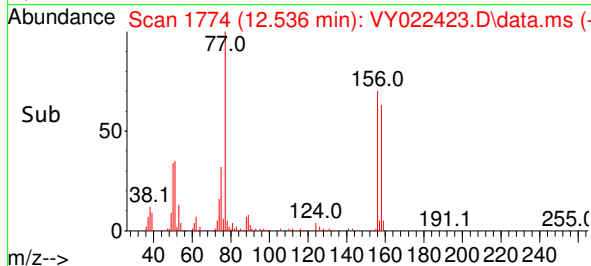
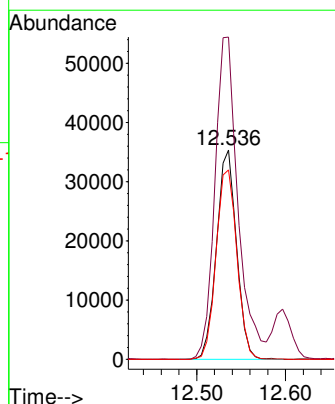
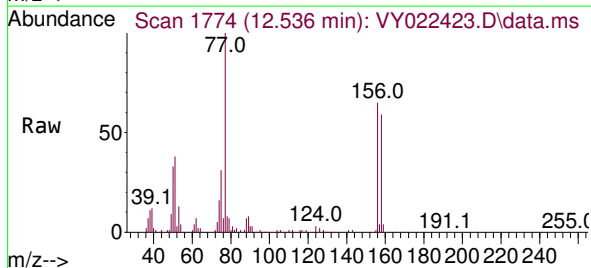
158 94.6 48.1 144.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#78

n-propylbenzene

Concen: 20.024 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022423.D

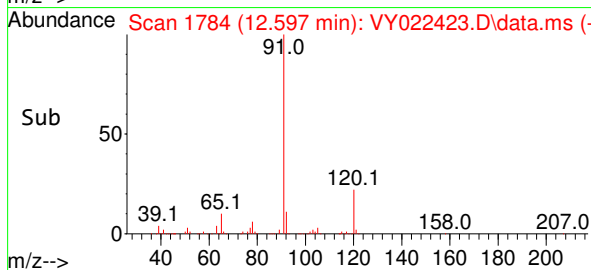
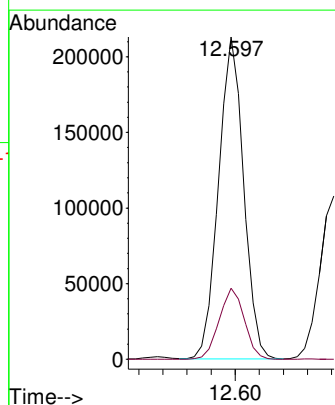
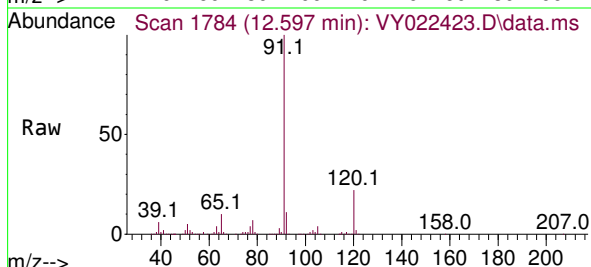
Acq: 27 May 2025 09:36

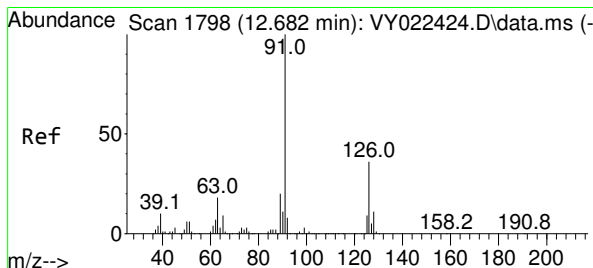
Tgt Ion: 91 Resp: 306474

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5





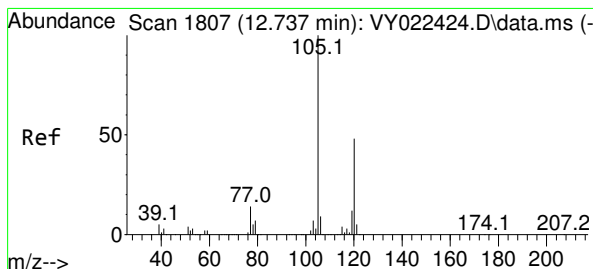
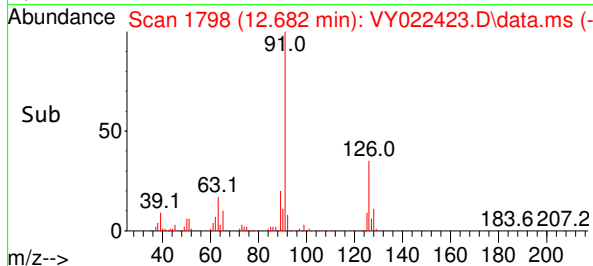
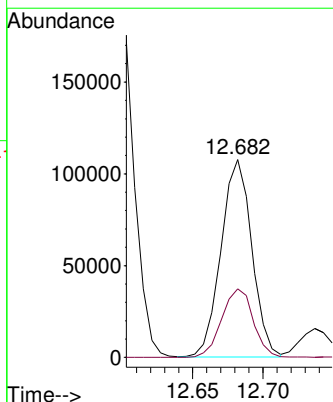
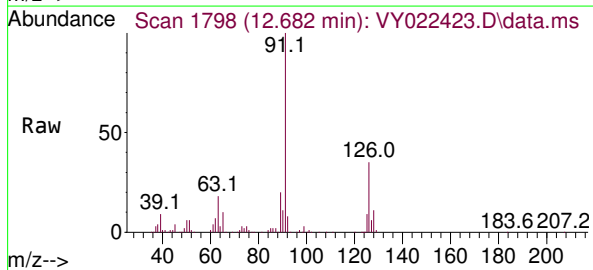
#79
2-Chlorotoluene
Concen: 19.752 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 16364
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.3

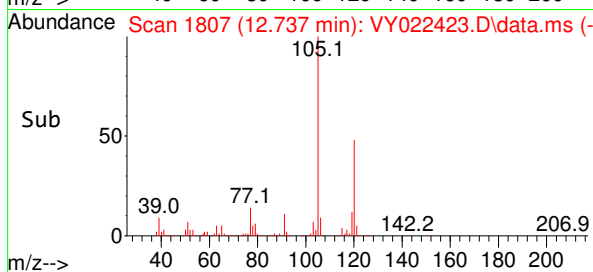
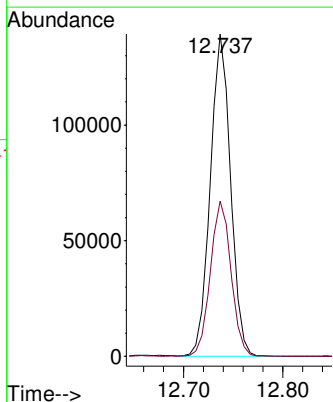
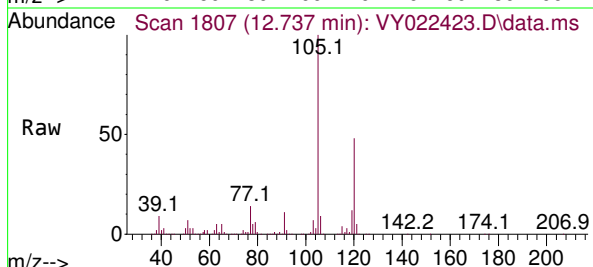
Manual Integrations
APPROVED

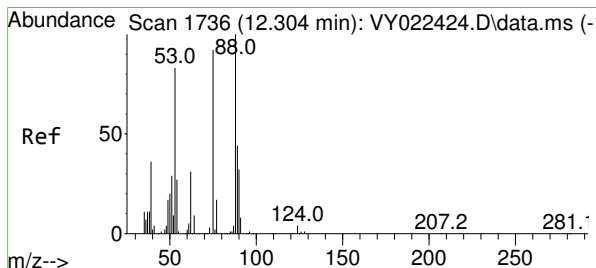
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.944 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:105 Resp: 198748
Ion Ratio Lower Upper
105 100
120 49.0 24.3 73.0





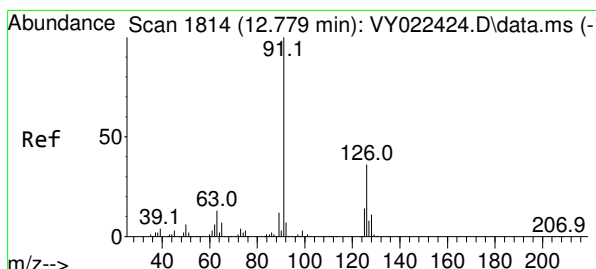
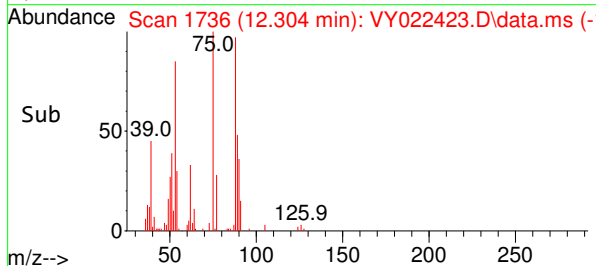
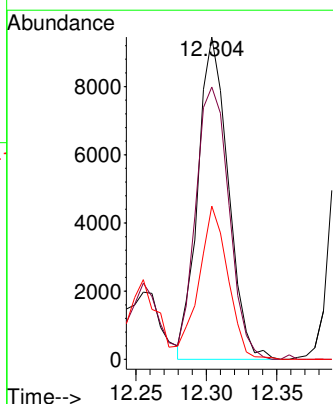
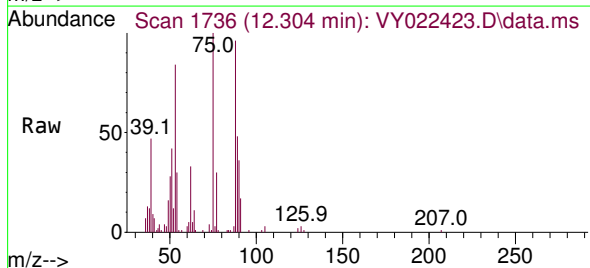
#81
trans-1,4-Dichloro-2-butene
Concen: 19.863 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 1425
Ion Ratio Lower Upper
75 100
53 91.9 75.1 112.7
89 46.2 37.4 56.6

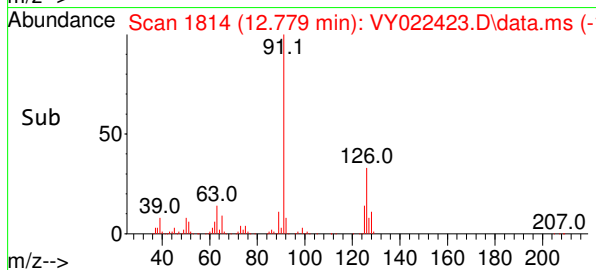
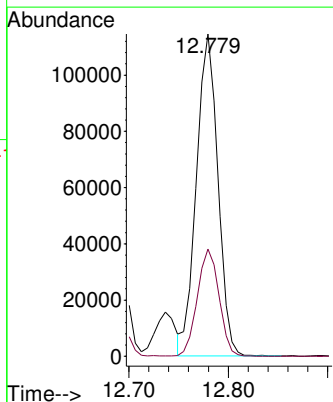
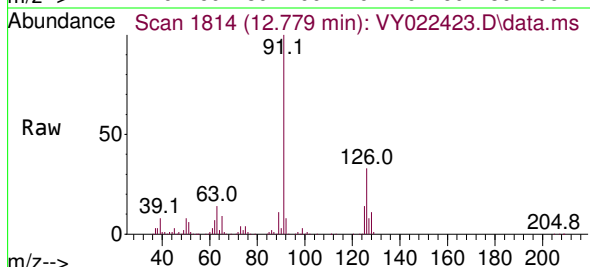
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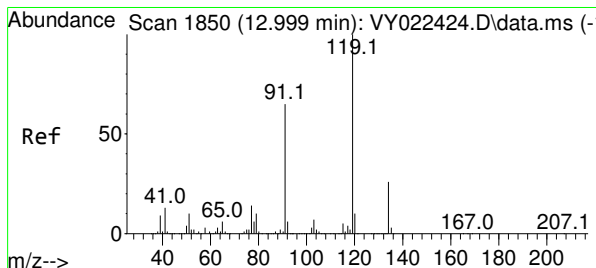
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#82
4-Chlorotoluene
Concen: 20.140 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 91 Resp: 171858
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.6





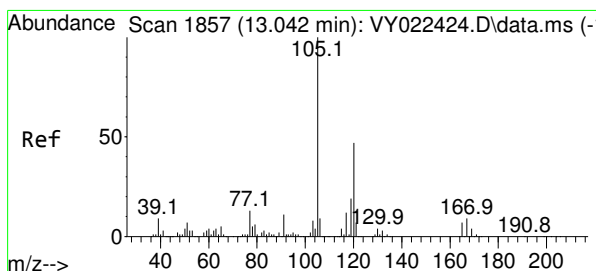
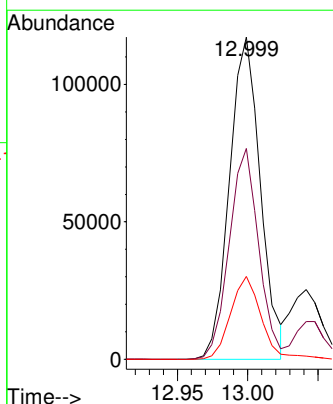
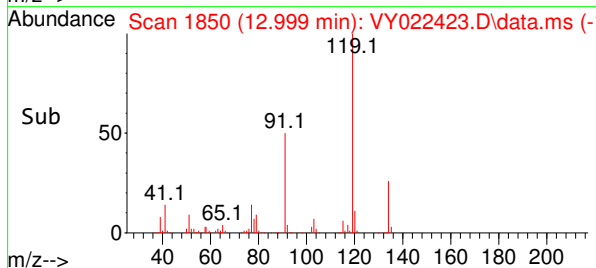
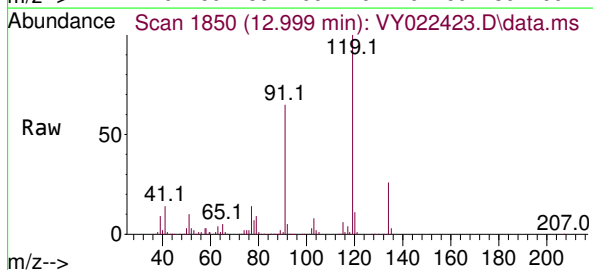
#83
tert-Butylbenzene
Concen: 19.975 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 17984
Ion Ratio Lower Upper
119 100
91 62.3 31.8 95.3
134 25.7 13.0 38.9

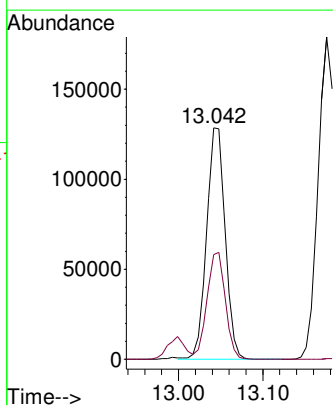
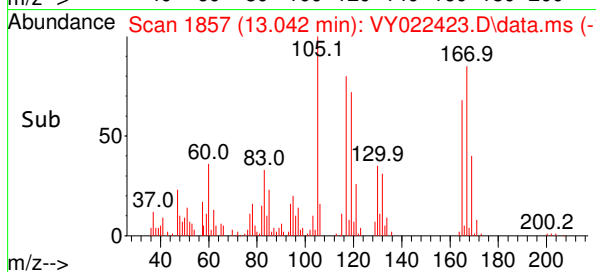
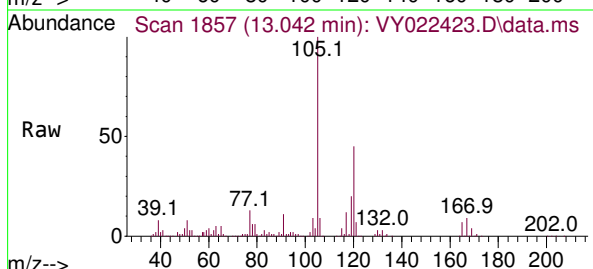
Manual Integrations
APPROVED

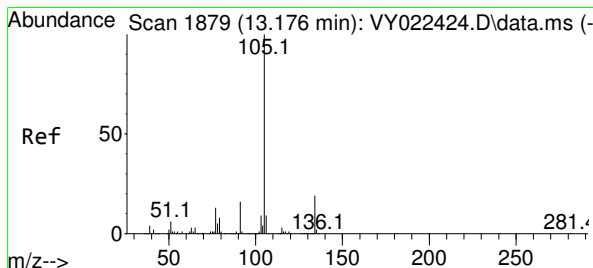
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.640 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:105 Resp: 196951
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 19.753 ug/l

RT: 13.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 26374

Ion Ratio Lower Upper

105 100

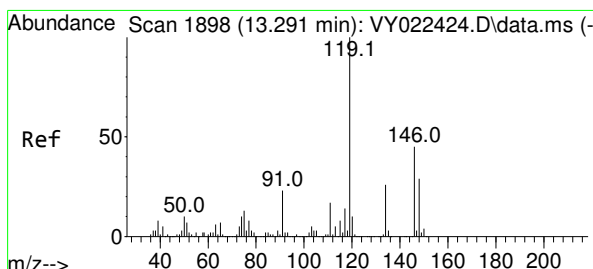
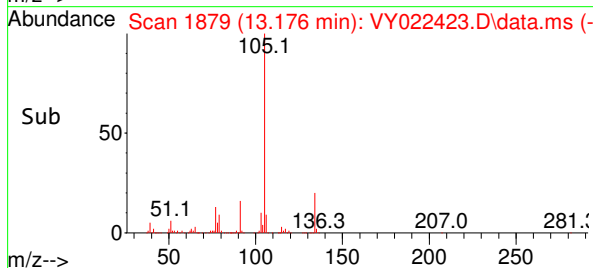
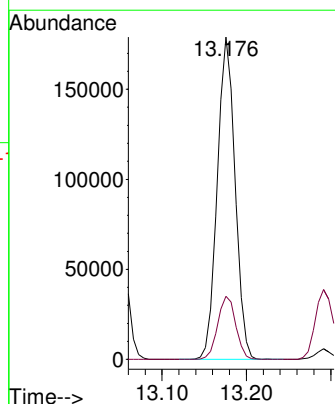
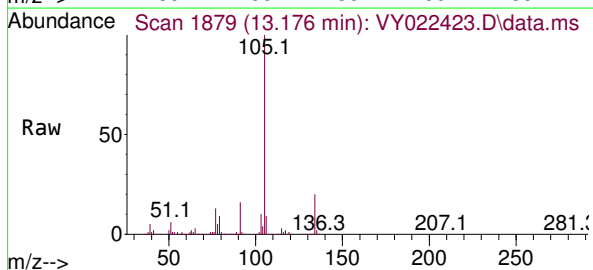
134 19.9 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#86

p-Isopropyltoluene

Concen: 19.393 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

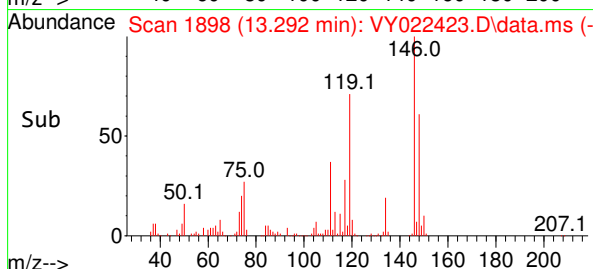
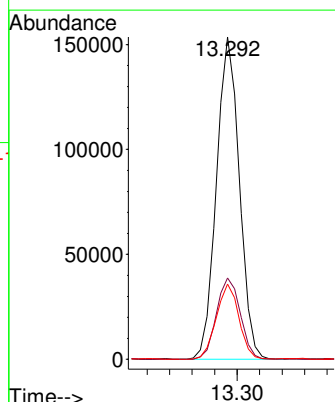
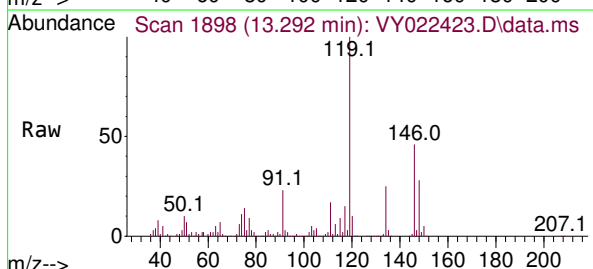
Tgt Ion:119 Resp: 216227

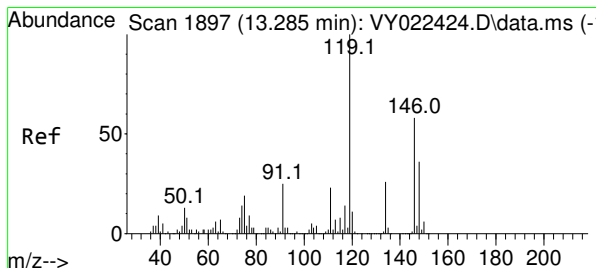
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.1 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.644 ug/l

RT: 13.292 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 10847

Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.8

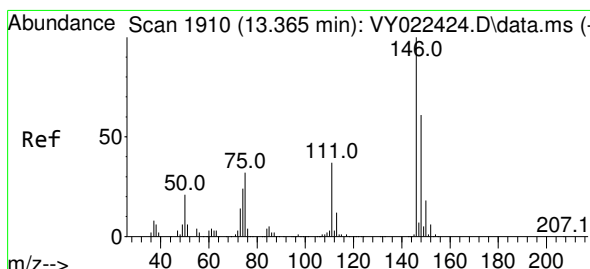
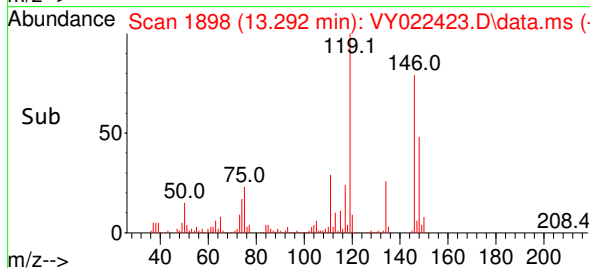
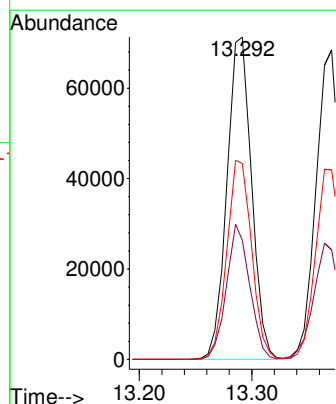
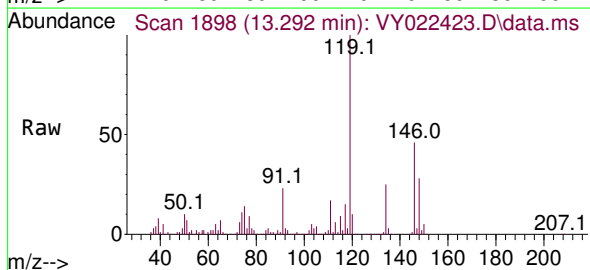
148 62.3 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/28/2025

Supervised By :Mahesh Dadoda 05/28/2025



#88

1,4-Dichlorobenzene

Concen: 19.845 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

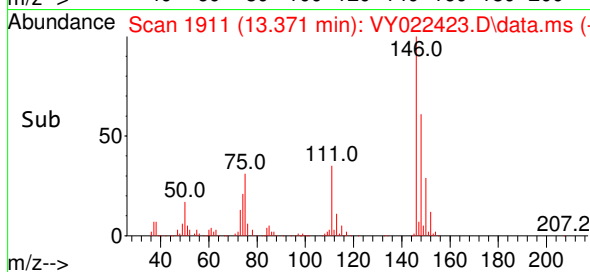
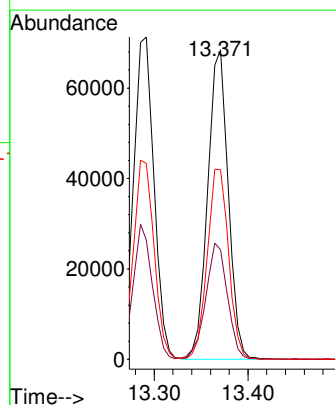
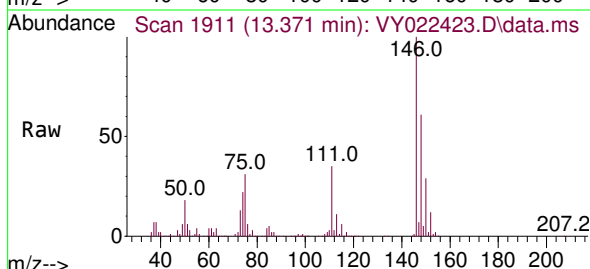
Tgt Ion:146 Resp: 104788

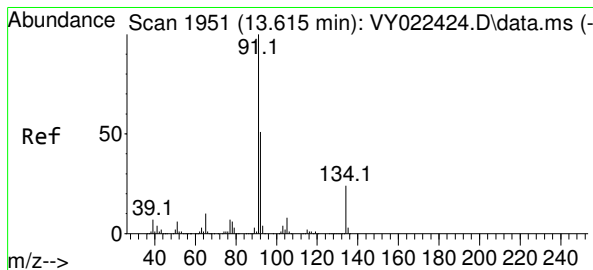
Ion Ratio Lower Upper

146 100

111 39.8 18.7 56.1

148 63.6 31.4 94.3





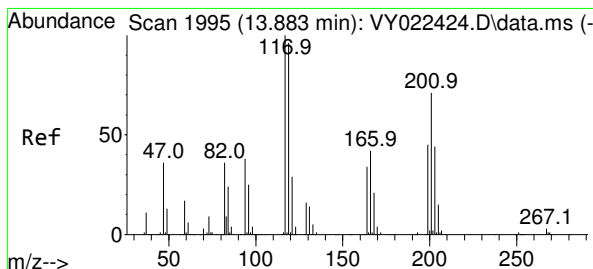
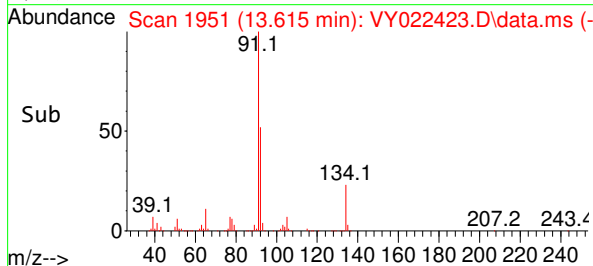
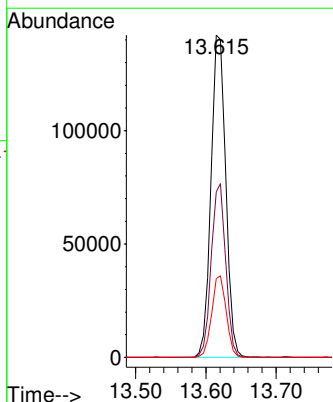
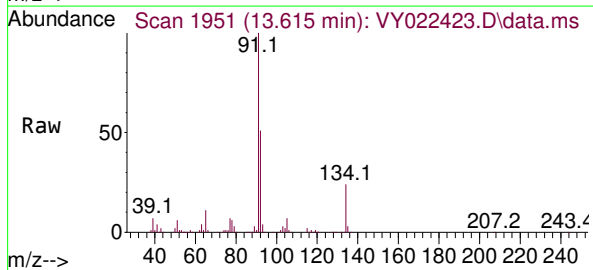
#89
n-Butylbenzene
Concen: 19.768 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:	91	Resp:	20665
Ion	Ratio	Lower	Upper
91	100		
92	52.9	25.9	77.6
134	24.8	12.4	37.6

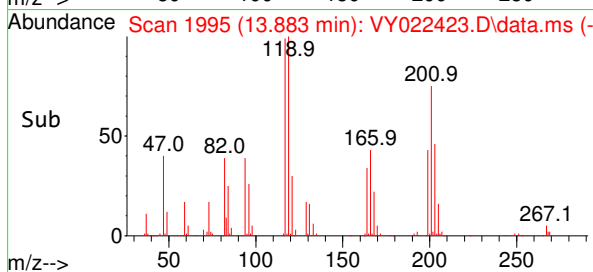
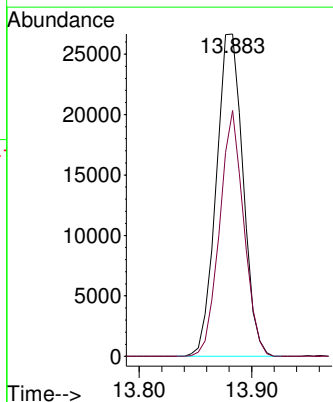
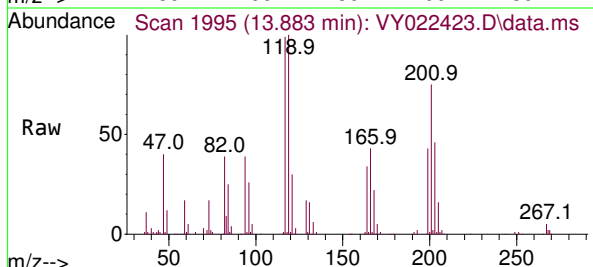
Manual Integrations
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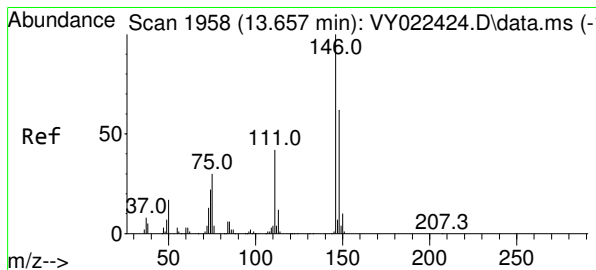
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#90
Hexachloroethane
Concen: 19.857 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:	117	Resp:	44059
Ion	Ratio	Lower	Upper
117	100		
201	68.7	35.0	105.0





#91
 1,2-Dichlorobenzene
 Concen: 20.103 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

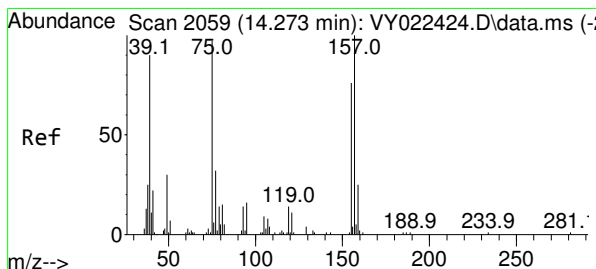
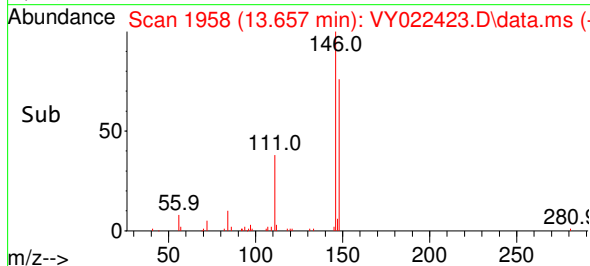
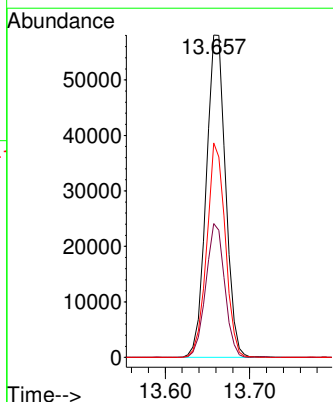
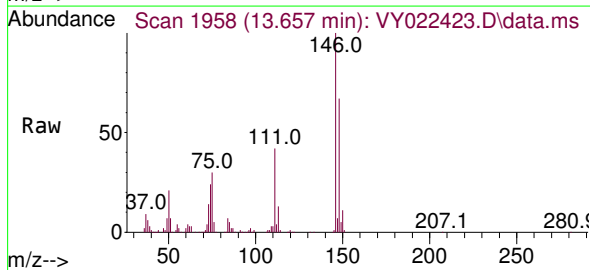
Tgt Ion:	146	Resp:	9272
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.5	61.6
148	63.5	31.9	95.9

Manual Integrations

APPROVED

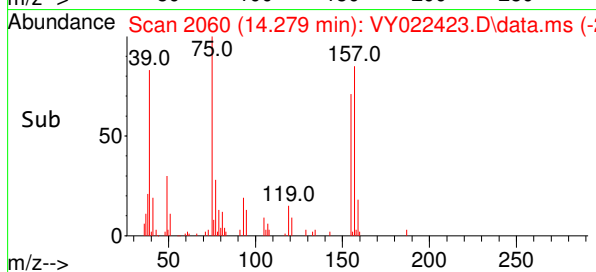
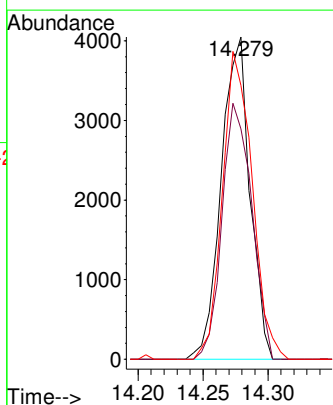
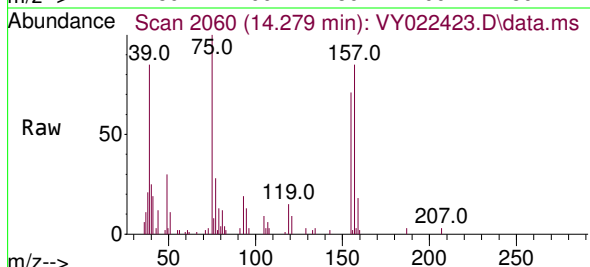
Reviewed By :Amit Patel 05/28/2025

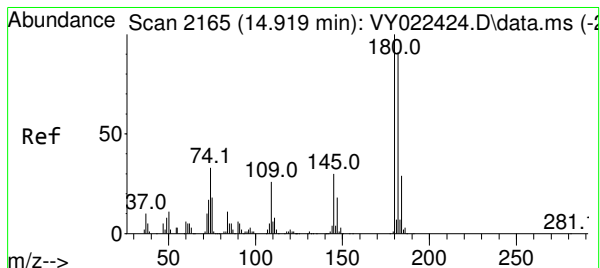
Supervised By :Mahesh Dadoda 05/28/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.016 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

Tgt Ion:	75	Resp:	6215
Ion	Ratio	Lower	Upper
75	100		
155	82.5	42.3	126.8
157	98.9	54.4	163.3





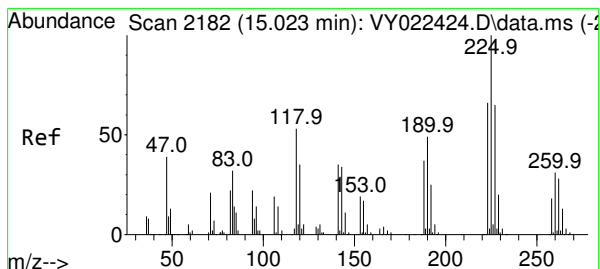
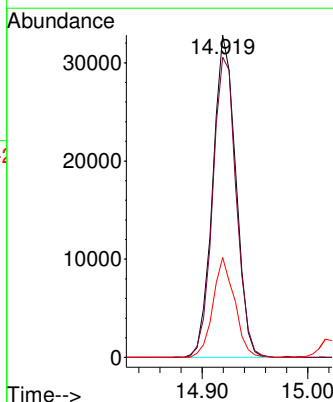
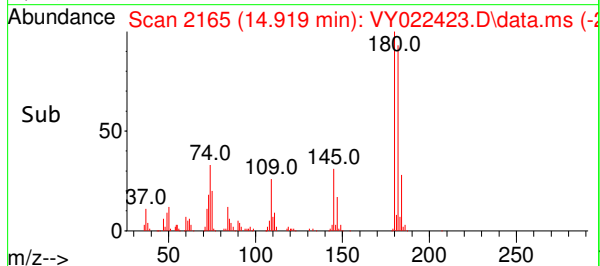
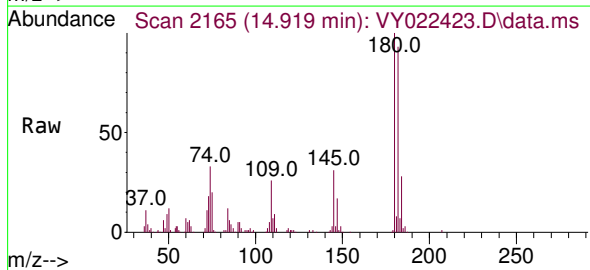
#93
1,2,4-Trichlorobenzene
Concen: 19.535 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.2	138.6
145	29.2	14.2	42.8

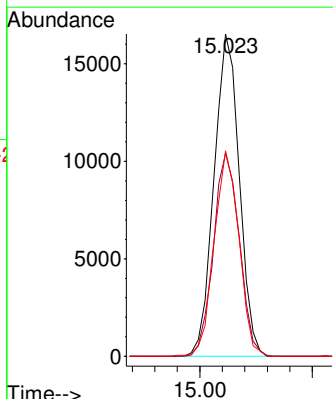
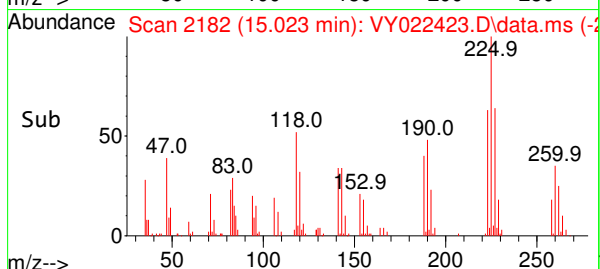
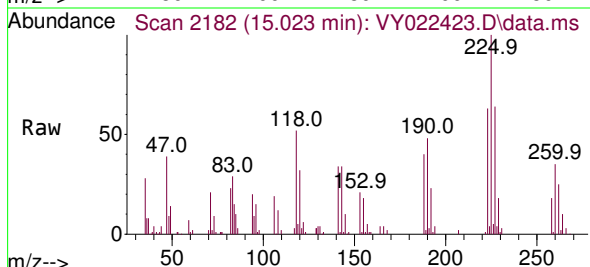
Manual Integrations
APPROVED

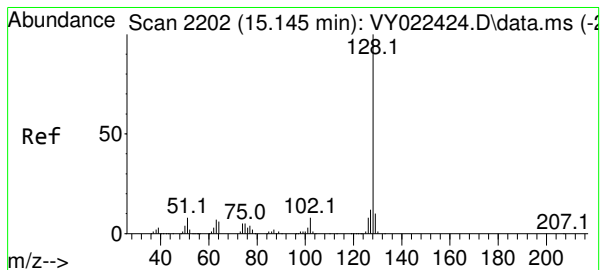
Reviewed By :Amit Patel 05/28/2025
Supervised By :Mahesh Dadoda 05/28/2025



#94
Hexachlorobutadiene
Concen: 19.164 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.6	97.7
227	62.5	33.0	99.0





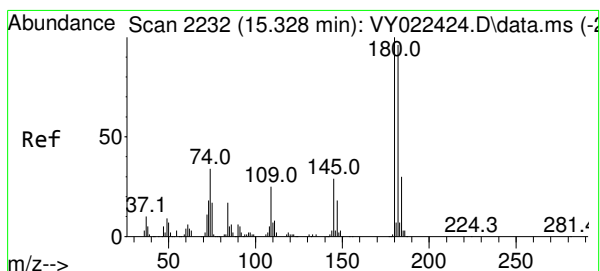
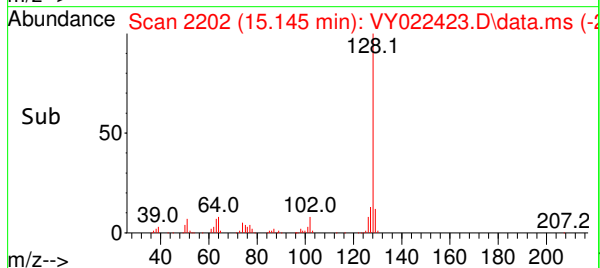
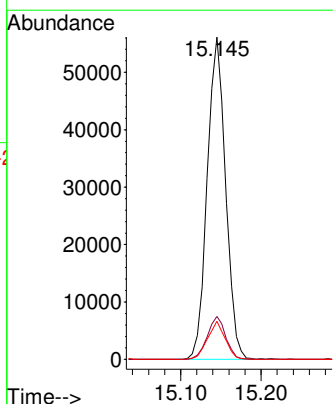
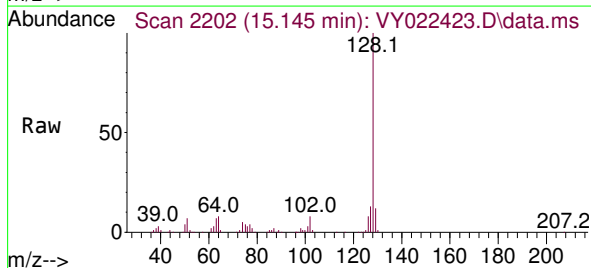
#95
Naphthalene
Concen: 18.870 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.4	8.5	12.7

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.919 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	48.1	144.3
145	31.9	14.9	44.5

