

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
 Data File : VY023754.D
 Acq On : 12 Nov 2025 11:04
 Operator : SY/MD
 Sample : VY1112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

Quant Time: Nov 14 03:35:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	546007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	796865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	695921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	358224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	230153	49.416	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.840%		
35) Dibromofluoromethane	7.634	113	251781	50.560	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.120%		
50) Toluene-d8	10.109	98	950745	51.252	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.500%		
62) 4-Bromofluorobenzene	12.408	95	310594	51.774	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	75861	21.166	ug/l	96
3) Chloromethane	2.074	50	95473	19.035	ug/l	98
4) Vinyl Chloride	2.208	62	125898	19.291	ug/l	99
5) Bromomethane	2.592	94	110591	20.145	ug/l	98
6) Chloroethane	2.739	64	86569	19.192	ug/l	99
7) Trichlorofluoromethane	3.062	101	193065	21.004	ug/l	99
8) Diethyl Ether	3.458	74	51199	20.771	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	103910	20.518	ug/l	99
10) Methyl Iodide	4.007	142	104268	17.436	ug/l	100
11) Tert butyl alcohol	4.854	59	32054	106.733	ug/l	98
12) 1,1-Dichloroethene	3.793	96	96315	19.743	ug/l	94
13) Acrolein	3.659	56	32635	84.546	ug/l	95
14) Allyl chloride	4.385	41	116750	19.662	ug/l	99
15) Acrylonitrile	5.061	53	95226	101.091	ug/l	98
16) Acetone	3.866	43	131027	113.177	ug/l	96
17) Carbon Disulfide	4.110	76	295046	19.705	ug/l	100
18) Methyl Acetate	4.391	43	39801	15.586	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	223019	19.715	ug/l	99
20) Methylene Chloride	4.622	84	112698	20.165	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	108183	19.668	ug/l	98
22) Diisopropyl ether	6.018	45	268058	20.260	ug/l	92
23) Vinyl Acetate	5.964	43	743253	105.267	ug/l	99
24) 1,1-Dichloroethane	5.915	63	175299	19.888	ug/l	99
25) 2-Butanone	6.896	43	143833	107.456	ug/l	99
26) 2,2-Dichloropropane	6.890	77	160319	19.773	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	123095	19.595	ug/l	100
28) Bromochloromethane	7.250	49	68160	20.196	ug/l	99
29) Tetrahydrofuran	7.262	42	70757	99.258	ug/l	100
30) Chloroform	7.427	83	192666	19.591	ug/l	99
31) Cyclohexane	7.701	56	152164	19.823	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	176895	20.125	ug/l	100
36) 1,1-Dichloropropene	7.835	75	136108	20.454	ug/l	99
37) Ethyl Acetate	6.988	43	55113	21.394	ug/l	96
38) Carbon Tetrachloride	7.823	117	160196	20.432	ug/l	98
39) Methylcyclohexane	9.109	83	170328	20.032	ug/l	98
40) Benzene	8.079	78	422366	20.136	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	26488	18.837	ug/l	93
42) 1,2-Dichloroethane	8.158	62	107624	20.281	ug/l	98
43) Isopropyl Acetate	8.195	43	98243	20.297	ug/l	98
44) Trichloroethene	8.866	130	121333	20.140	ug/l	100
45) 1,2-Dichloropropane	9.140	63	91399	19.744	ug/l	100
46) Dibromomethane	9.231	93	56733	19.779	ug/l	99
47) Bromodichloromethane	9.426	83	146486	20.256	ug/l	98
48) Methyl methacrylate	9.225	41	42932	18.774	ug/l	93
49) 1,4-Dioxane	9.231	88	11767	400.867	ug/l #	96
51) 4-Methyl-2-Pentanone	9.999	43	266672	103.601	ug/l	99
52) Toluene	10.170	92	275871	20.601	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	121908	19.923	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	146970	20.047	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	75882	19.796	ug/l	98
56) Ethyl methacrylate	10.438	69	85323	20.203	ug/l	99
57) 1,3-Dichloropropane	10.719	76	123192	20.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	192429	99.292	ug/l	100
59) 2-Hexanone	10.762	43	202789	107.985	ug/l	99
60) Dibromochloromethane	10.914	129	105980	20.122	ug/l	100
61) 1,2-Dibromoethane	11.018	107	72340	20.109	ug/l	99
64) Tetrachloroethene	10.646	164	144882	20.002	ug/l	95
65) Chlorobenzene	11.444	112	300999	19.868	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	105628	19.717	ug/l	98
67) Ethyl Benzene	11.518	91	495224	20.197	ug/l	97
68) m/p-Xylenes	11.627	106	401550	40.988	ug/l	100
69) o-Xylene	11.956	106	179658	19.839	ug/l	99
70) Styrene	11.969	104	300983	20.144	ug/l	100
71) Bromoform	12.133	173	63763	20.379	ug/l #	99
73) Isopropylbenzene	12.255	105	475092	19.830	ug/l	100
74) N-amyl acetate	12.072	43	78890	19.449	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	75530	19.739	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	59053m	20.369	ug/l	
77) Bromobenzene	12.536	156	121816	19.601	ug/l	98
78) n-propylbenzene	12.597	91	562853	19.972	ug/l	99
79) 2-Chlorotoluene	12.682	91	322130	19.698	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	392909	20.184	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25027	19.509	ug/l	99
82) 4-Chlorotoluene	12.779	91	338093	20.047	ug/l	100
83) tert-Butylbenzene	12.999	119	342262	19.305	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	390413	20.249	ug/l	100
85) sec-Butylbenzene	13.176	105	516942	20.215	ug/l	100
86) p-Isopropyltoluene	13.292	119	432225	19.966	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	236767	19.357	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	235098	19.566	ug/l	99
89) n-Butylbenzene	13.621	91	370888	19.703	ug/l	100
90) Hexachloroethane	13.883	117	90499	19.454	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	206816	19.620	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10802	18.334	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	112897	18.724	ug/l	100
94) Hexachlorobutadiene	15.023	225	74687	18.905	ug/l	98
95) Naphthalene	15.145	128	164618	19.235	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	95857	19.028	ug/l	99

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ClientSampleId :
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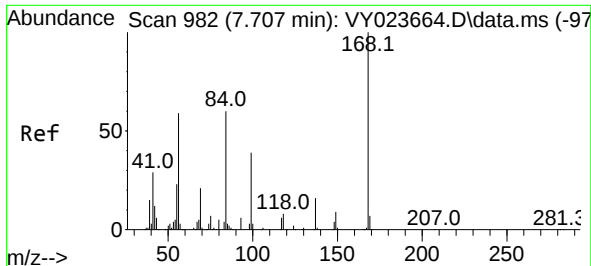
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/14/2025

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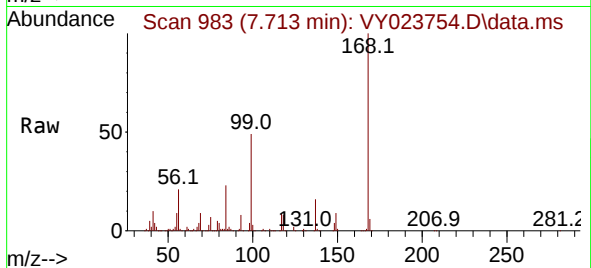
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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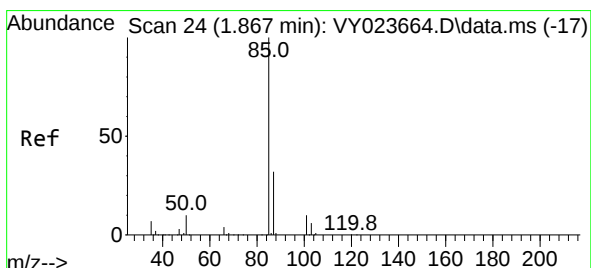
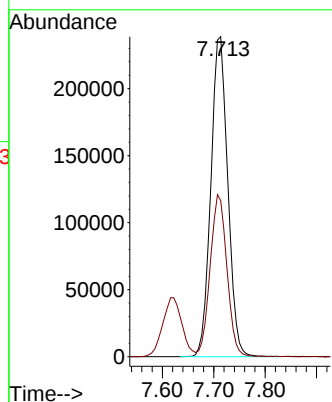
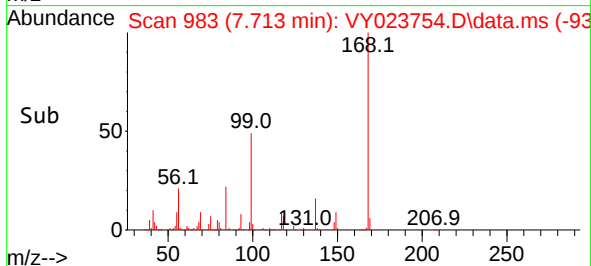
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



Tgt Ion:168 Resp: 54600
Ion Ratio Lower Upper
168 100
99 48.8 41.0 61.4

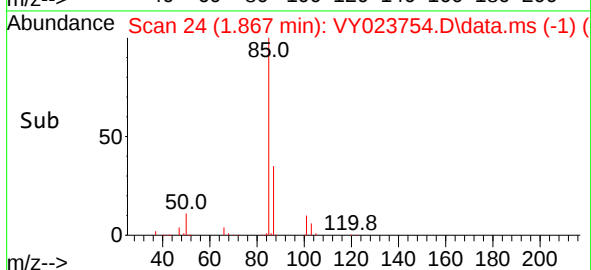
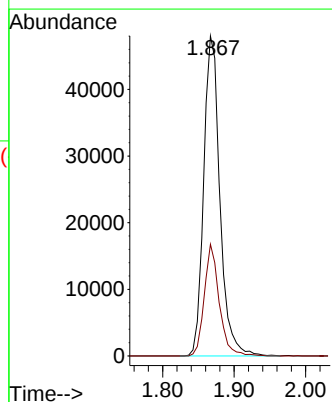
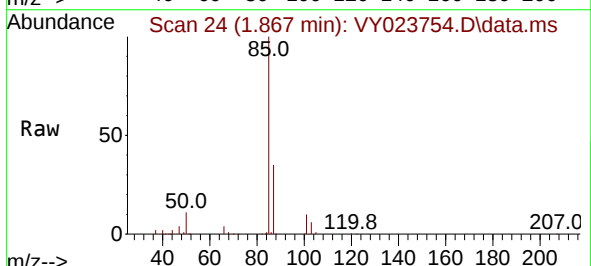
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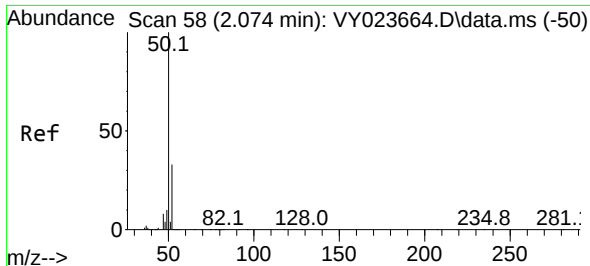
Reviewed By :Amit Patel 11/14/2025
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#2
Dichlorodifluoromethane
Concen: 21.166 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

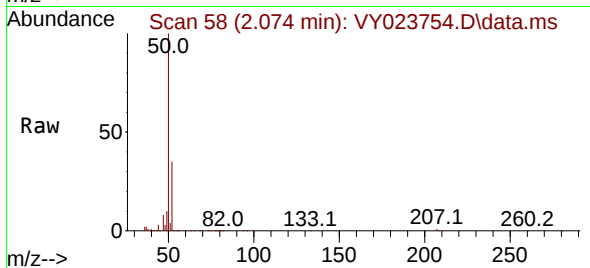
Tgt Ion: 85 Resp: 75861
Ion Ratio Lower Upper
85 100
87 34.9 16.2 48.6





#3
Chloromethane
Concen: 19.035 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

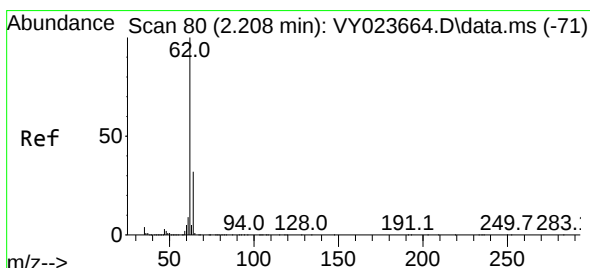
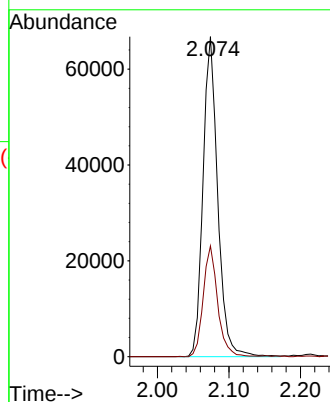
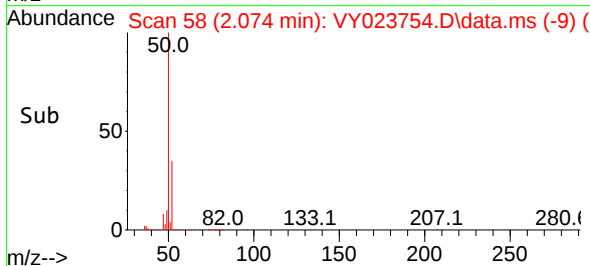
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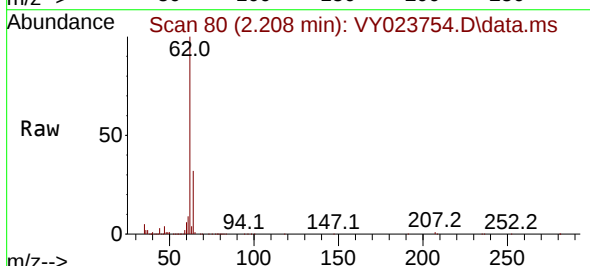
Tgt Ion: 50 Resp: 95473
Ion Ratio Lower Upper
50 100
52 34.5 26.5 39.7

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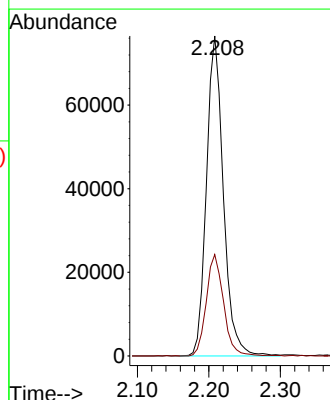
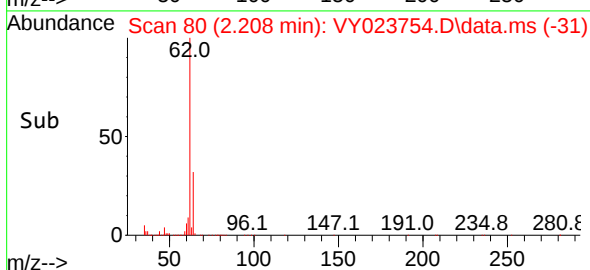
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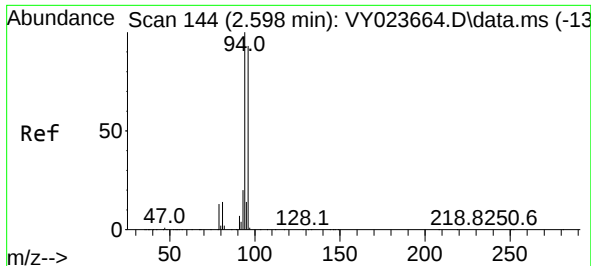


#4
Vinyl Chloride
Concen: 19.291 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



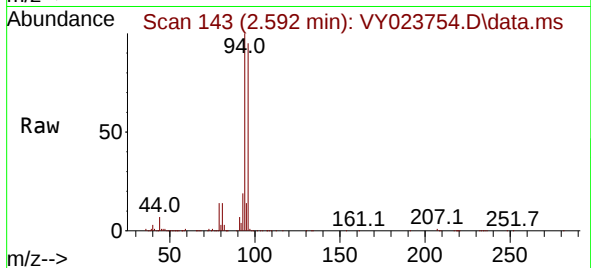
Tgt Ion: 62 Resp: 125898
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5





#5
Bromomethane
Concen: 20.145 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

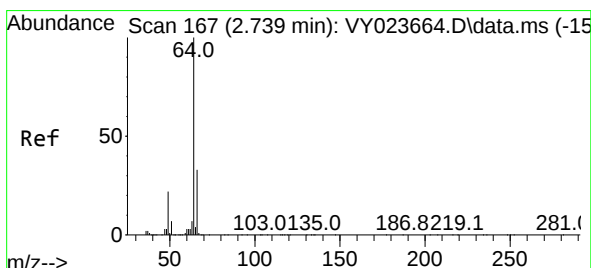
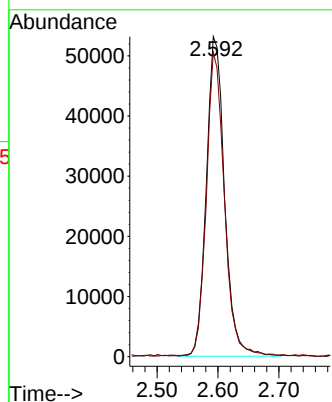
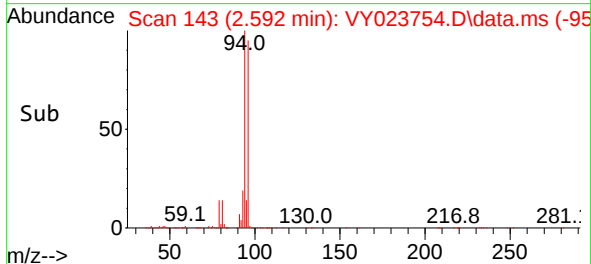
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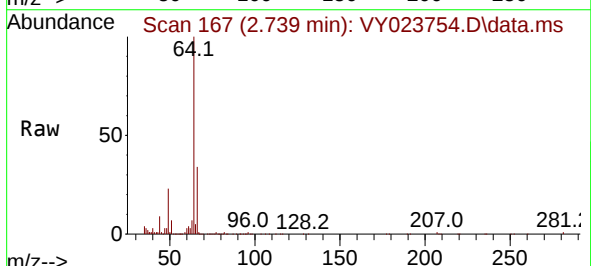
Tgt Ion: 94 Resp: 11059
Ion Ratio Lower Upper
94 100
96 94.8 74.4 111.6

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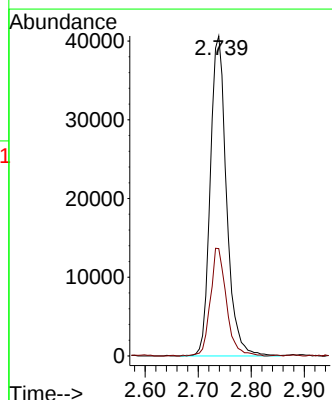
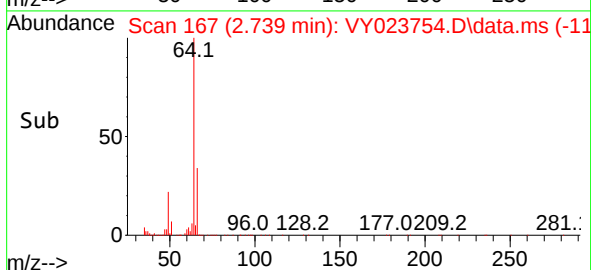
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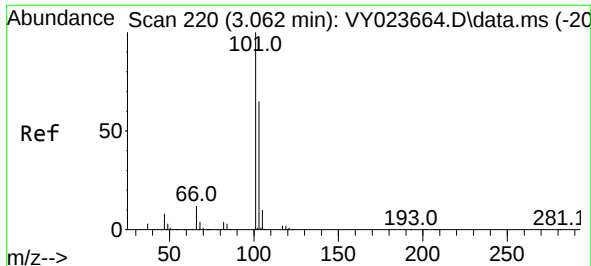


#6
Chloroethane
Concen: 19.192 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023754.D
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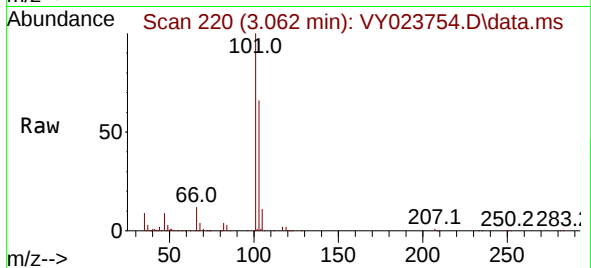
Tgt Ion: 64 Resp: 86569
Ion Ratio Lower Upper
64 100
66 33.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.004 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023754.D
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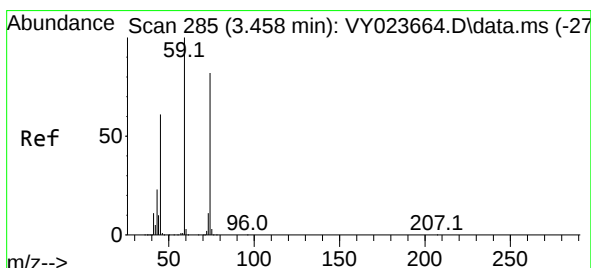
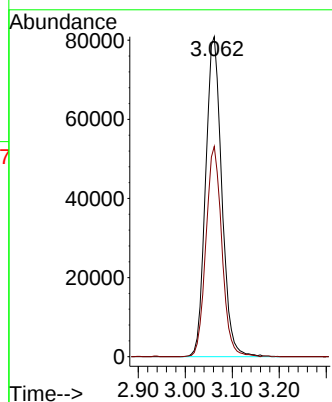
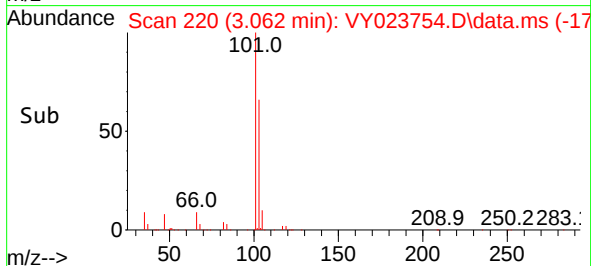
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Tgt Ion:101 Resp: 19306
Ion Ratio Lower Upper
101 100
103 65.7 52.1 78.1

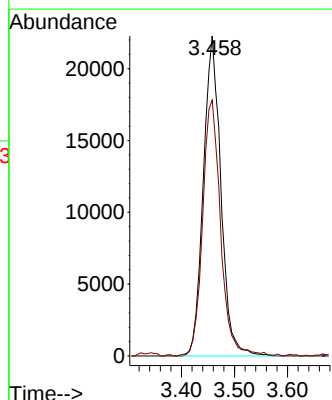
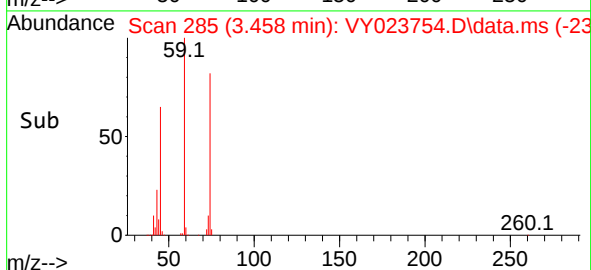
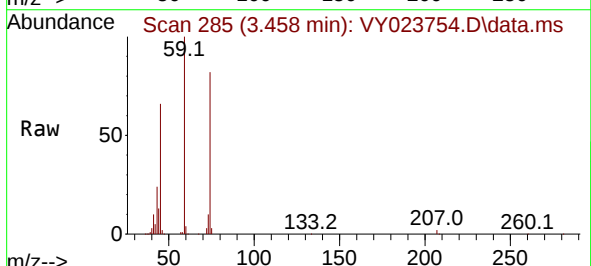
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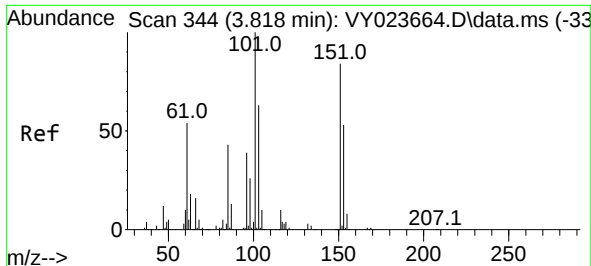
Reviewed By :Amit Patel 11/14/2025
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#8
Diethyl Ether
Concen: 20.771 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY023754.D
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Tgt Ion: 74 Resp: 51199
Ion Ratio Lower Upper
74 100
45 81.9 40.6 121.7





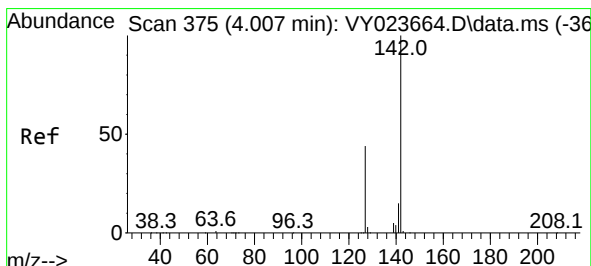
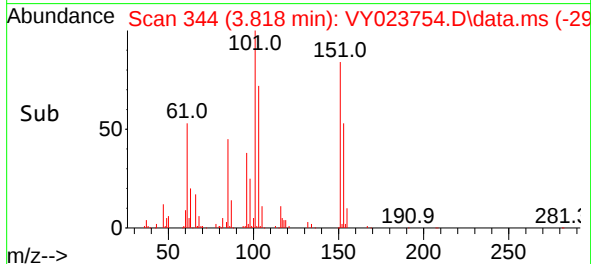
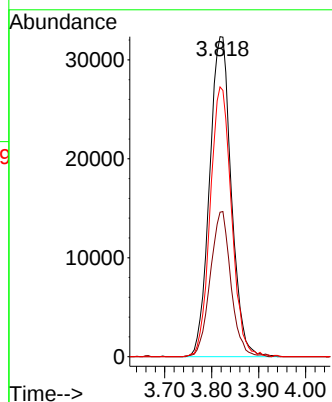
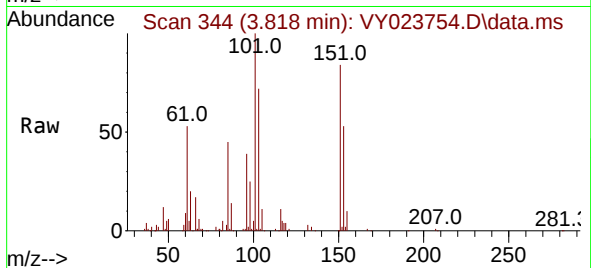
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.518 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tgt Ion:101 Resp: 103910
Ion Ratio Lower Upper
101 100
85 43.1 34.4 51.6
151 82.6 65.6 98.4

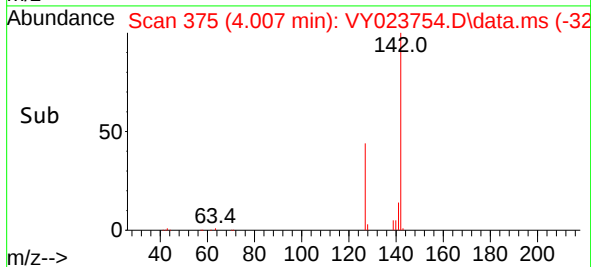
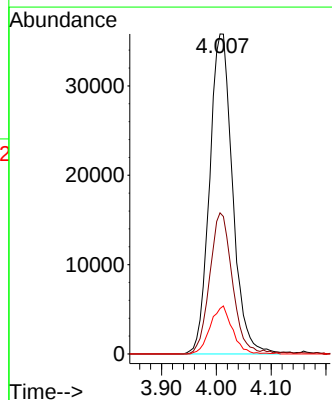
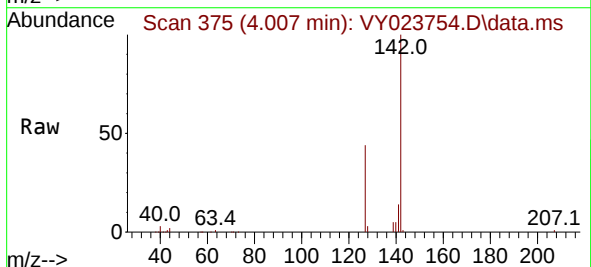
Manual Integrations
APPROVED

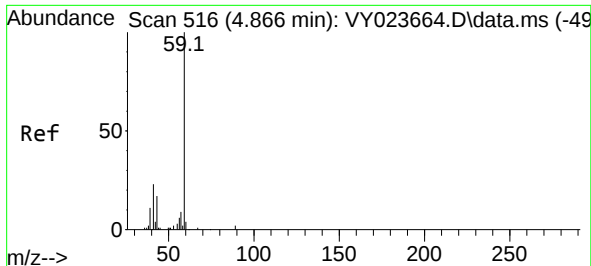
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#10
Methyl Iodide
Concen: 17.436 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion:142 Resp: 104268
Ion Ratio Lower Upper
142 100
127 43.2 34.6 51.8
141 14.5 11.6 17.4





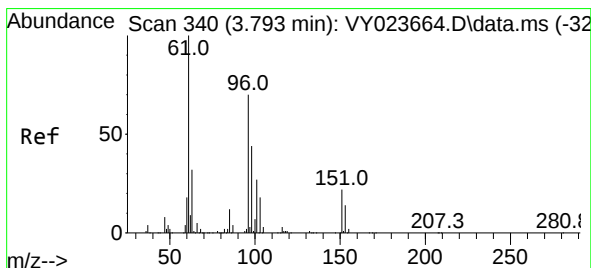
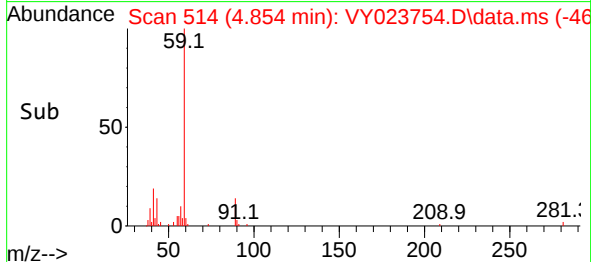
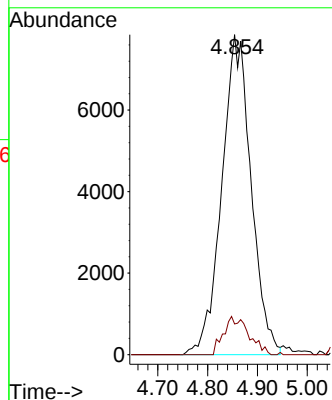
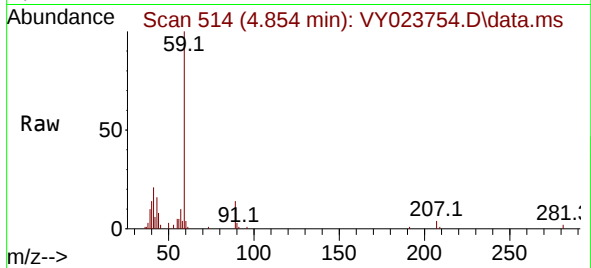
#11
Tert butyl alcohol
Concen: 106.733 ug/l
RT: 4.854 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tgt Ion: 59 Resp: 32054
Ion Ratio Lower Upper
59 100
57 10.2 7.4 11.2

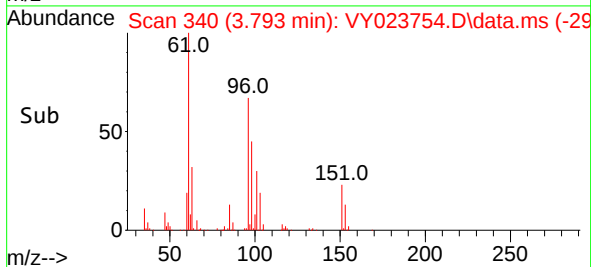
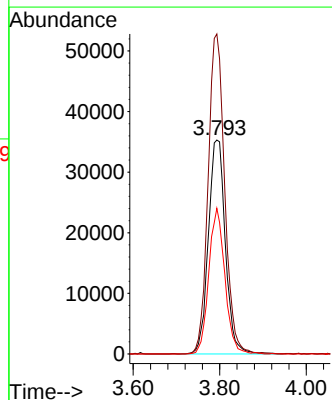
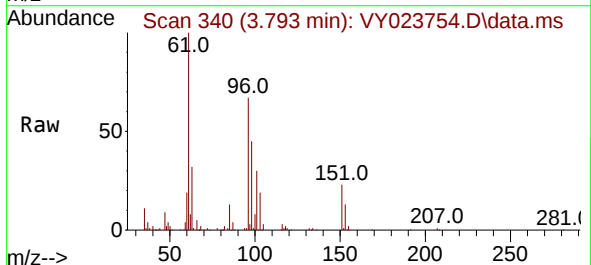
Manual Integrations
APPROVED

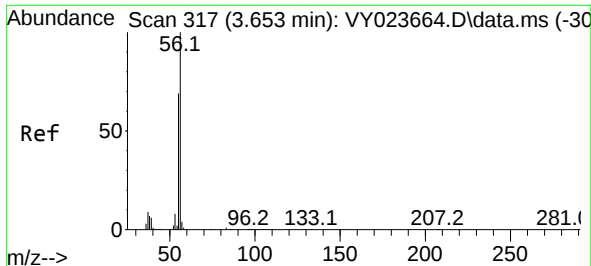
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#12
1,1-Dichloroethene
Concen: 19.743 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

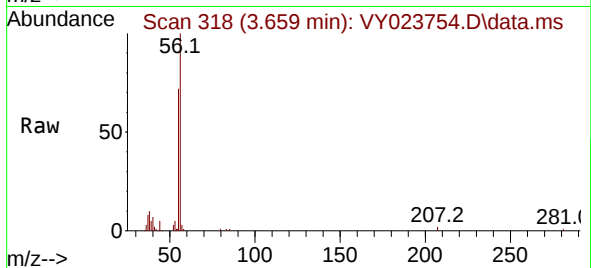
Tgt Ion: 96 Resp: 96315
Ion Ratio Lower Upper
96 100
61 149.6 114.0 171.0
98 68.0 50.2 75.2





#13
Acrolein
Concen: 84.546 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

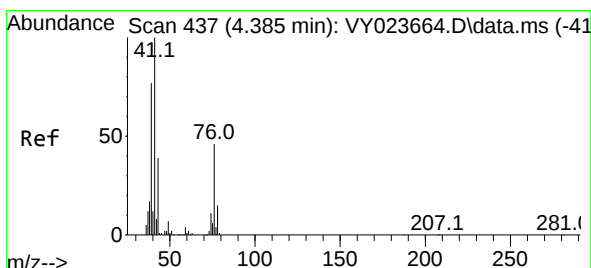
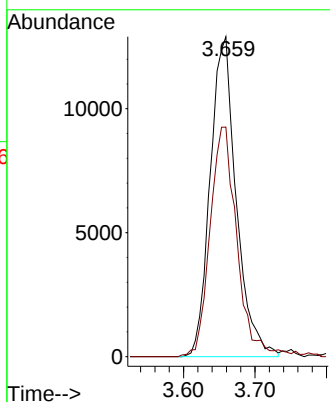
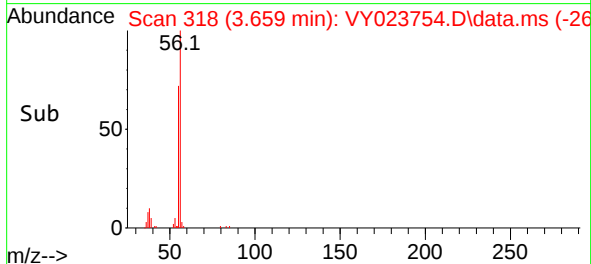
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



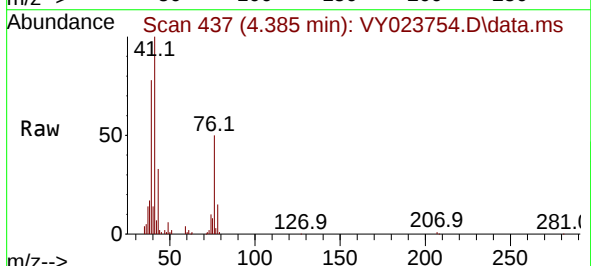
Tgt Ion: 56 Resp: 3263
Ion Ratio Lower Upper
56 100
55 74.6 56.6 84.8

Manual Integrations
APPROVED

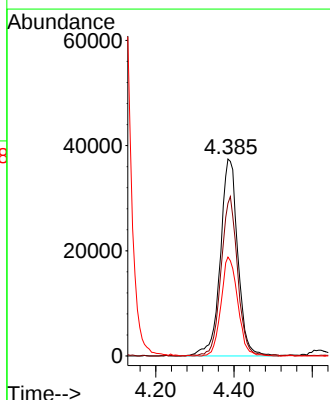
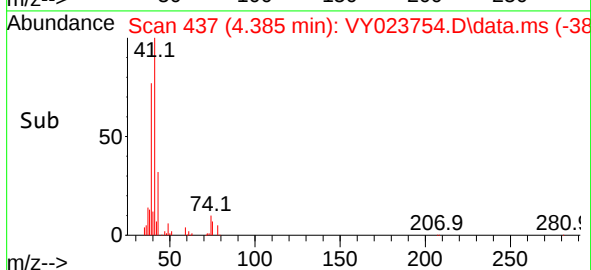
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

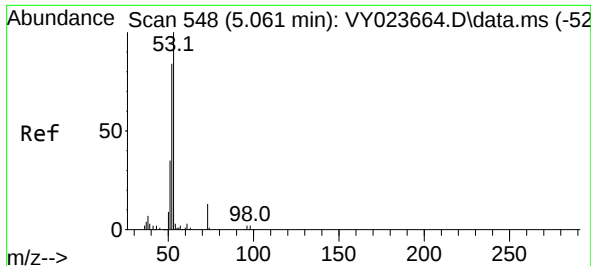


#14
Allyl chloride
Concen: 19.662 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



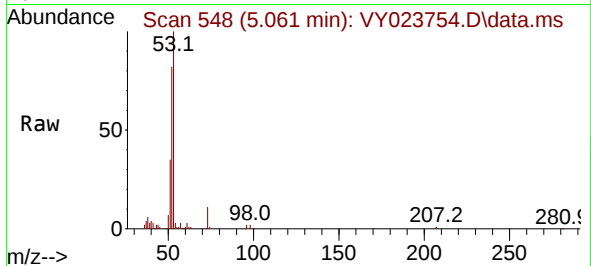
Tgt Ion: 41 Resp: 116750
Ion Ratio Lower Upper
41 100
39 76.4 60.4 90.6
76 47.7 38.0 57.0





#15
Acrylonitrile
Concen: 101.091 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

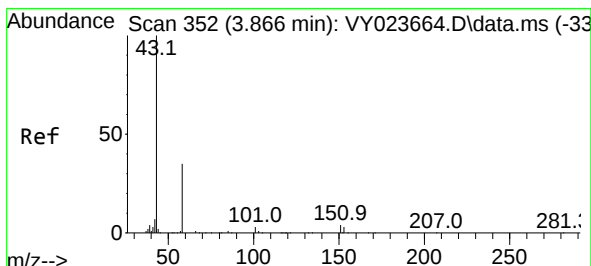
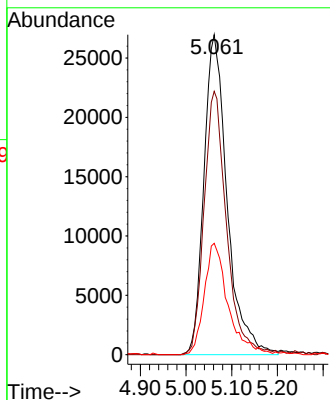
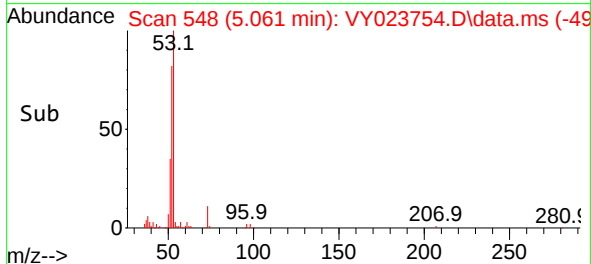
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



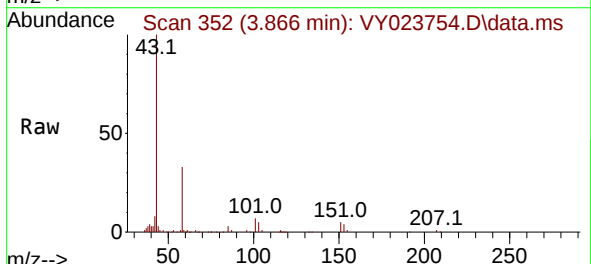
Tgt Ion: 53 Resp: 95220
Ion Ratio Lower Upper
53 100
52 79.8 64.9 97.3
51 35.5 29.4 44.0

Manual Integrations
APPROVED

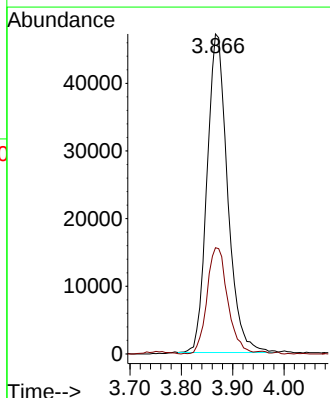
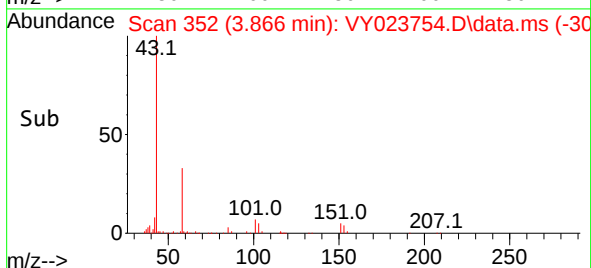
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

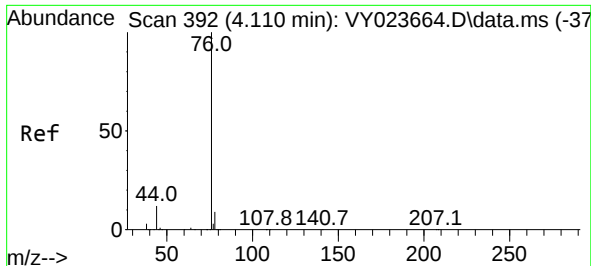


#16
Acetone
Concen: 113.177 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



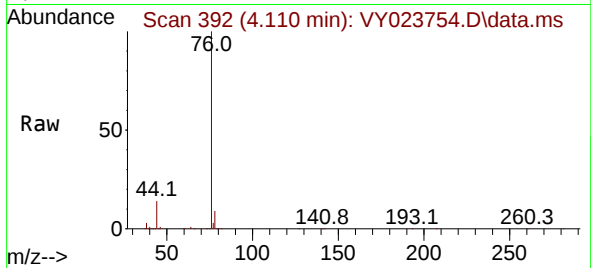
Tgt Ion: 43 Resp: 131027
Ion Ratio Lower Upper
43 100
58 33.2 28.2 42.4





#17
Carbon Disulfide
Concen: 19.705 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

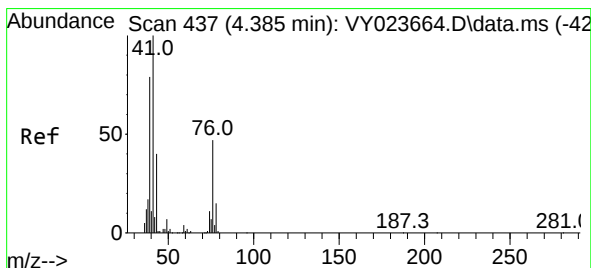
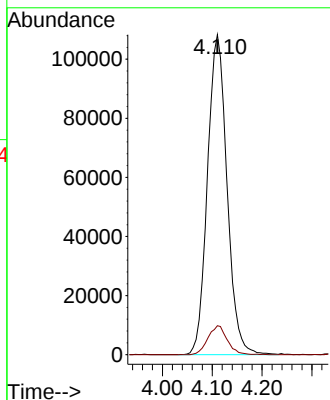
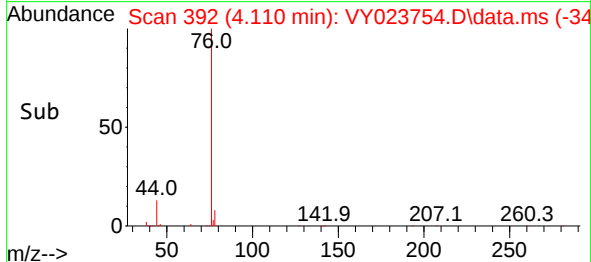
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



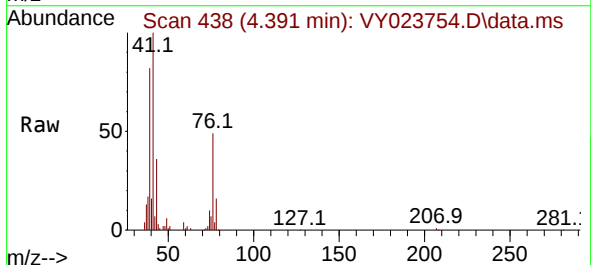
Tgt Ion: 76 Resp: 295040
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

Manual Integrations
APPROVED

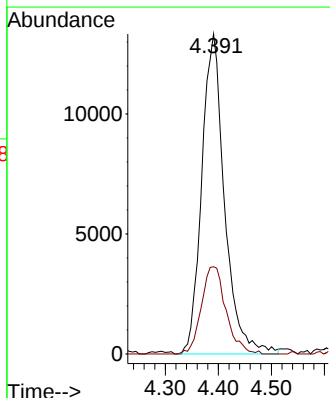
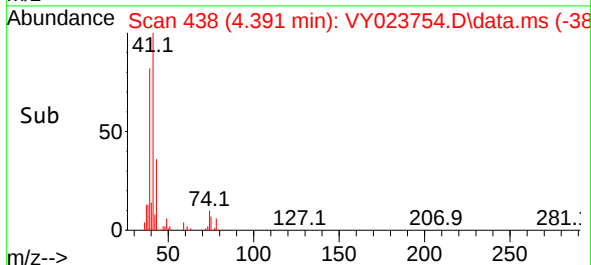
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#18
Methyl Acetate
Concen: 15.586 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



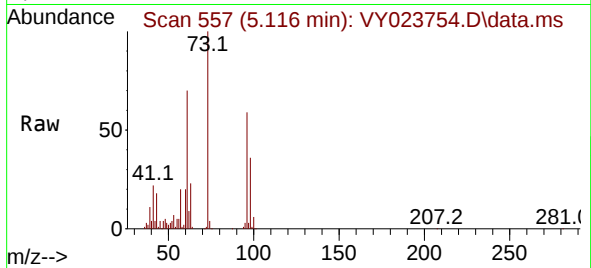
Tgt Ion: 43 Resp: 39801
Ion Ratio Lower Upper
43 100
74 29.5 22.5 33.7





#19
Methyl tert-butyl Ether
Concen: 19.715 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

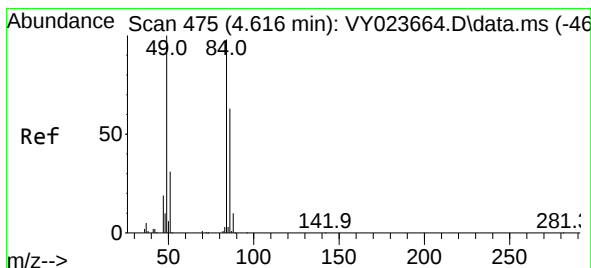
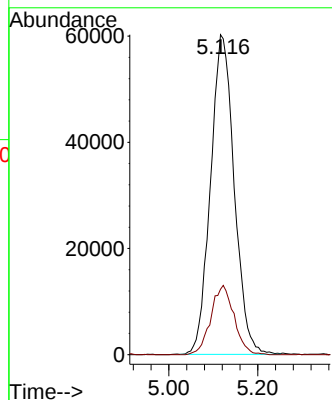
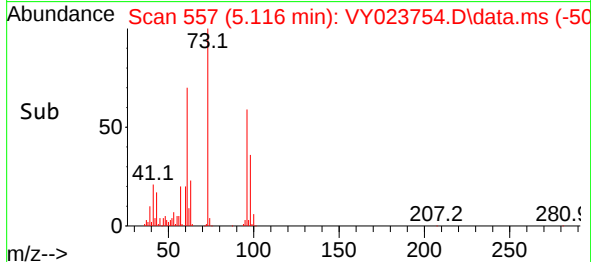
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



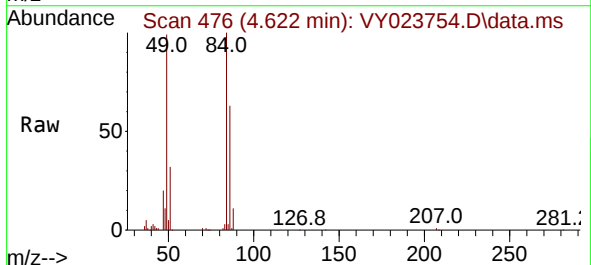
Tgt Ion: 73 Resp: 223019
Ion Ratio Lower Upper
73 100
57 20.5 16.1 24.1

Manual Integrations
APPROVED

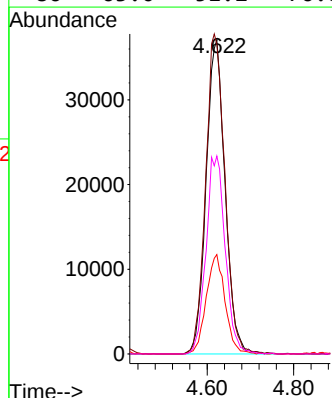
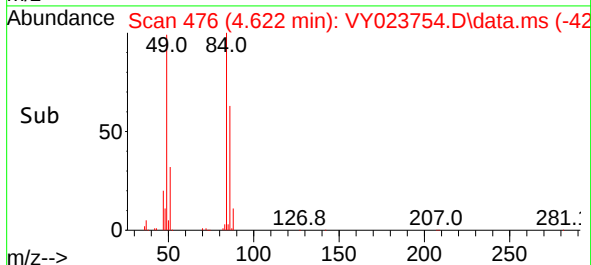
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

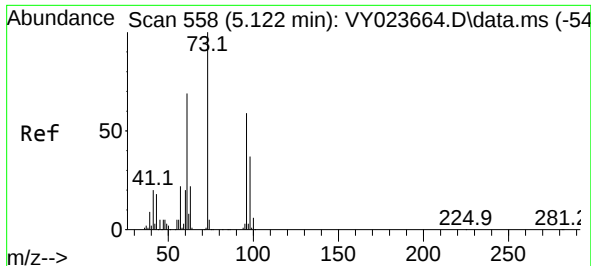


#20
Methylene Chloride
Concen: 20.165 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



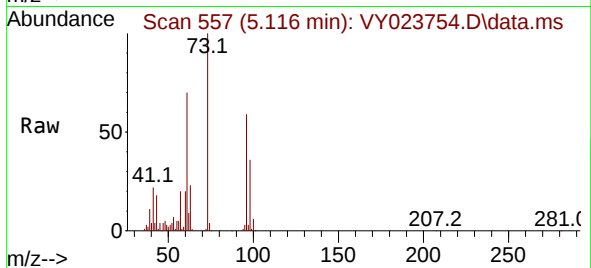
Tgt Ion: 84 Resp: 112698
Ion Ratio Lower Upper
84 100
49 98.7 81.5 122.3
51 31.7 25.5 38.3
86 63.0 51.2 76.8





#21
trans-1,2-Dichloroethene
Concen: 19.668 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

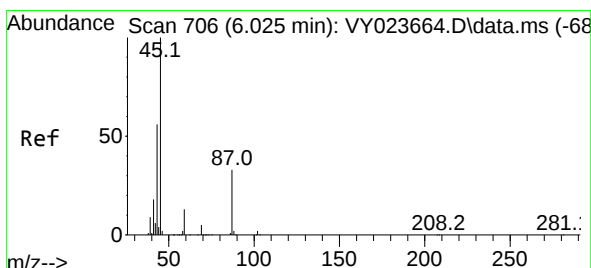
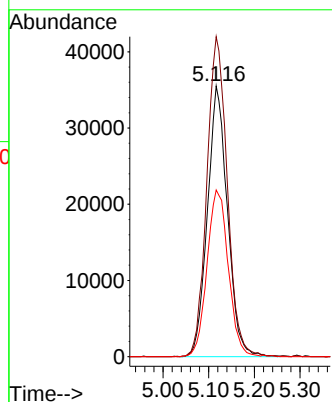
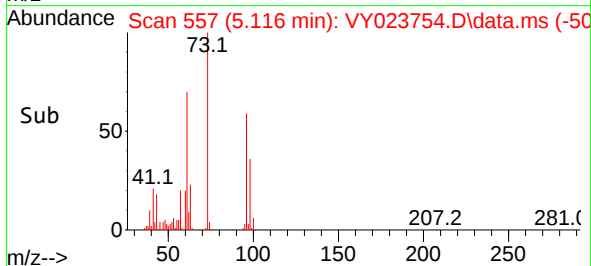
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



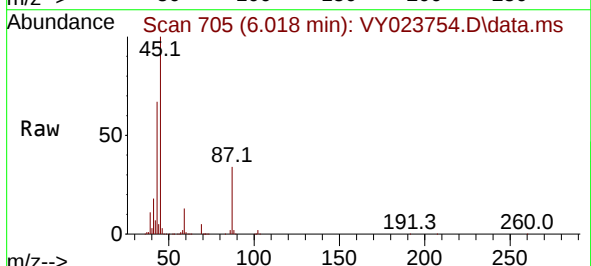
Tgt Ion: 96 Resp: 10818
Ion Ratio Lower Upper
96 100
61 118.2 93.3 139.9
98 61.6 50.6 75.8

Manual Integrations
APPROVED

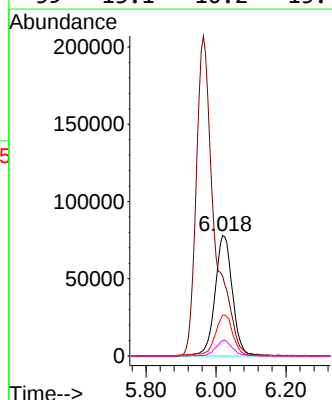
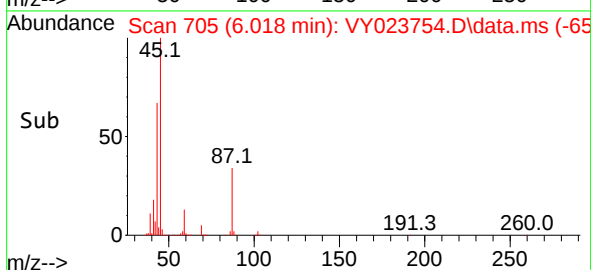
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

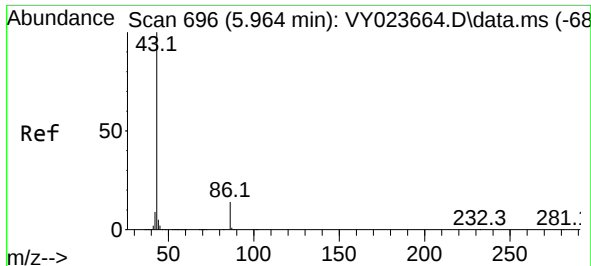


#22
Diisopropyl ether
Concen: 20.260 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



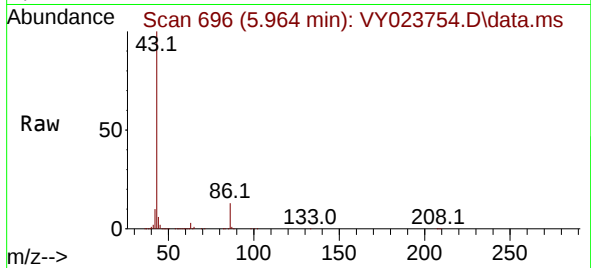
Tgt Ion: 45 Resp: 268058
Ion Ratio Lower Upper
45 100
43 66.4 44.7 67.1
87 34.0 27.2 40.8
59 13.1 10.2 15.4





#23
 Vinyl Acetate
 Concen: 105.267 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023754.D
 Acq: 12 Nov 2025 11:04

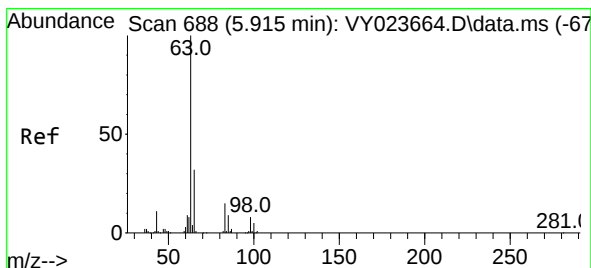
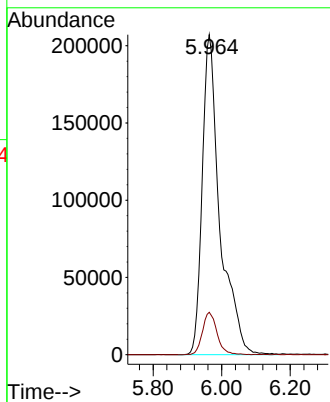
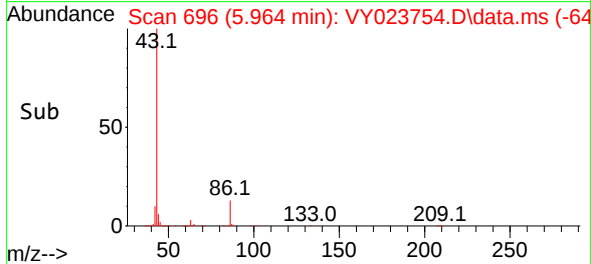
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01



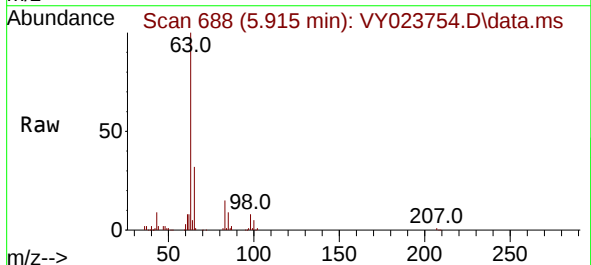
Tgt Ion: 43 Resp: 74325
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.9 16.3

Manual Integrations
 APPROVED

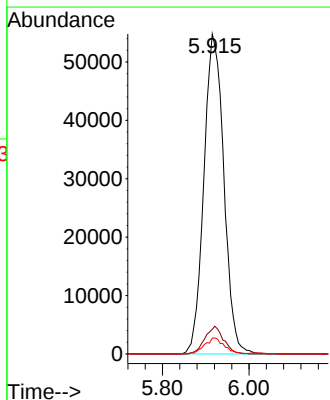
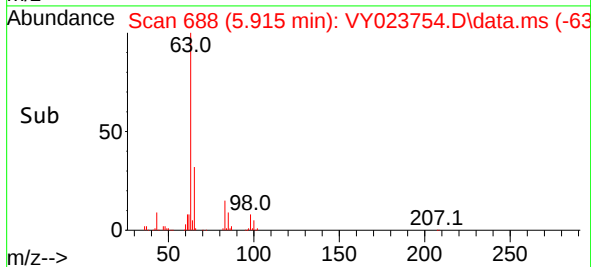
Reviewed By :Amit Patel 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

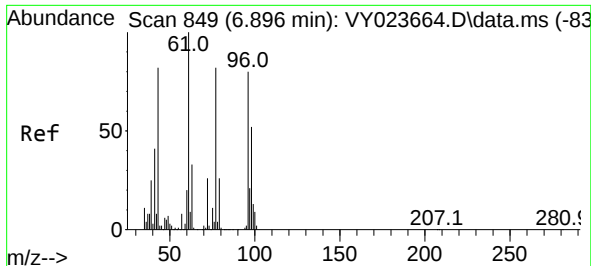


#24
 1,1-Dichloroethane
 Concen: 19.888 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023754.D
 Acq: 12 Nov 2025 11:04



Tgt Ion: 63 Resp: 175299
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 11.9
 100 4.9 2.6 7.8





#25

2-Butanone

Concen: 107.456 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tgt Ion: 43 Resp: 14383

Ion Ratio Lower Upper

43 100

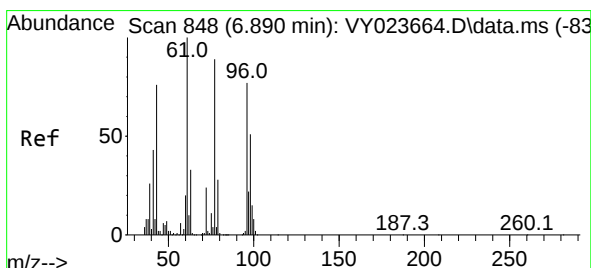
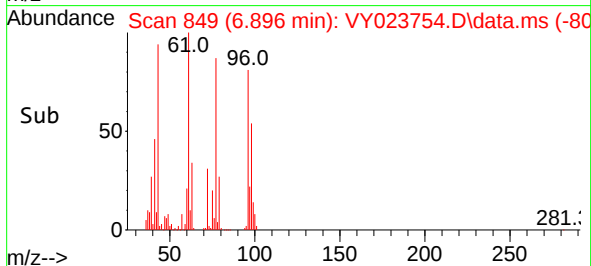
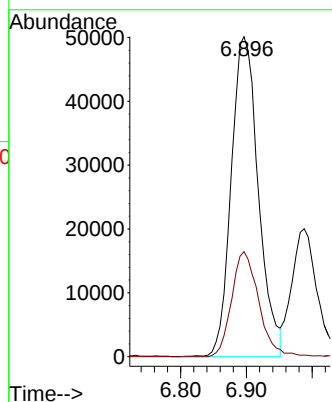
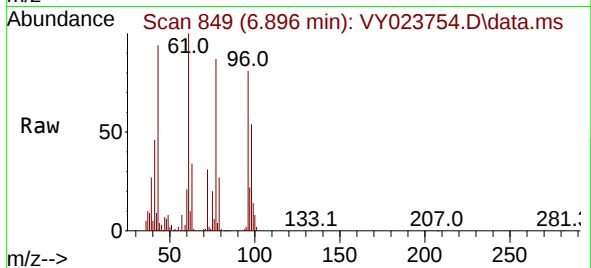
72 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#26

2,2-Dichloropropane

Concen: 19.773 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023754.D

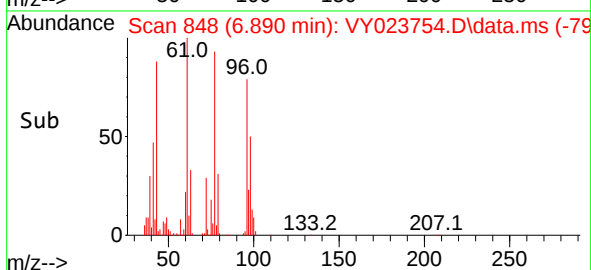
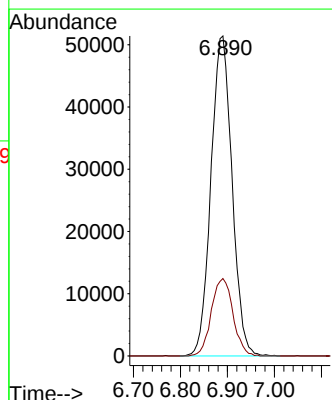
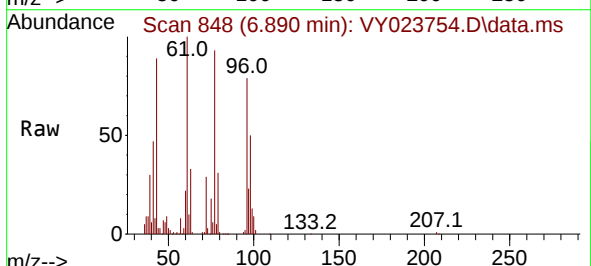
Acq: 12 Nov 2025 11:04

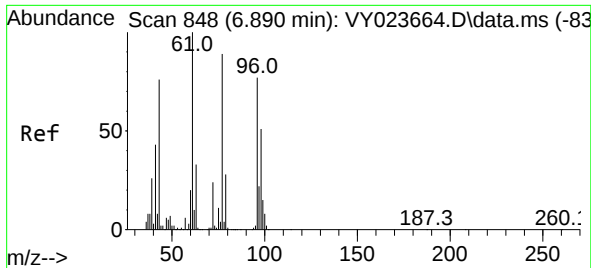
Tgt Ion: 77 Resp: 160319

Ion Ratio Lower Upper

77 100

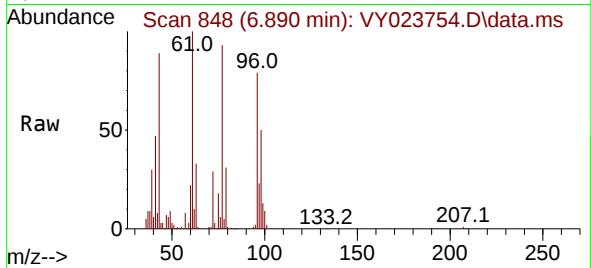
97 24.8 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.595 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY023754.D
 Acq: 12 Nov 2025 11:04

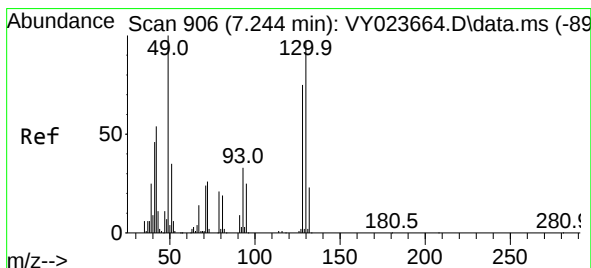
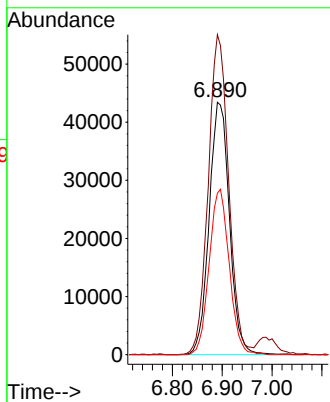
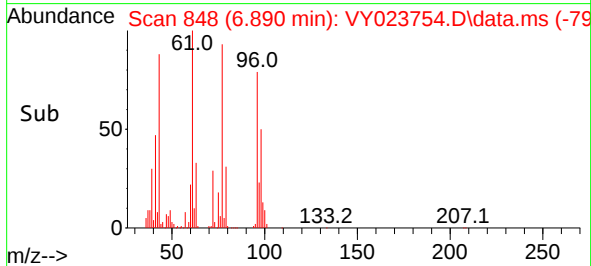
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01



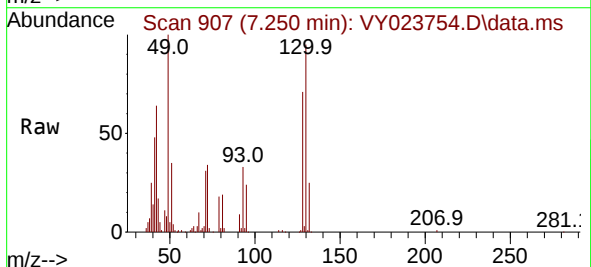
Tgt Ion: 96 Resp: 123095
 Ion Ratio Lower Upper
 96 100
 61 127.3 0.0 255.0
 98 64.5 0.0 129.8

Manual Integrations
 APPROVED

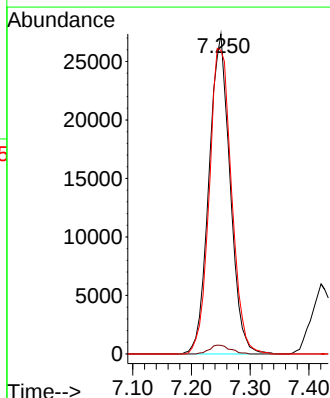
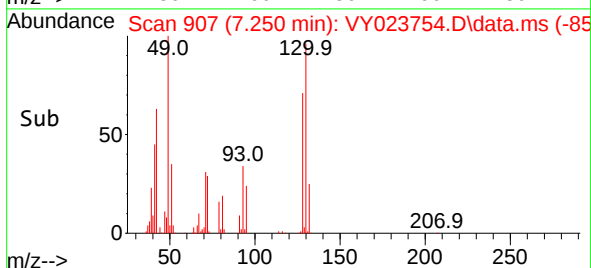
Reviewed By :Amit Patel 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

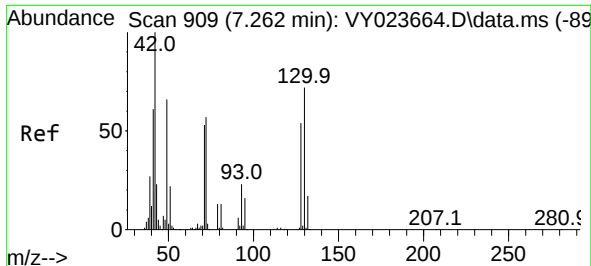


#28
 Bromochloromethane
 Concen: 20.196 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023754.D
 Acq: 12 Nov 2025 11:04



Tgt Ion: 49 Resp: 68160
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.0
 130 100.8 80.1 120.1





#29

Tetrahydrofuran

Concen: 99.258 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

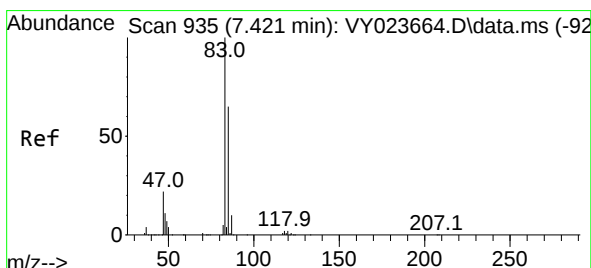
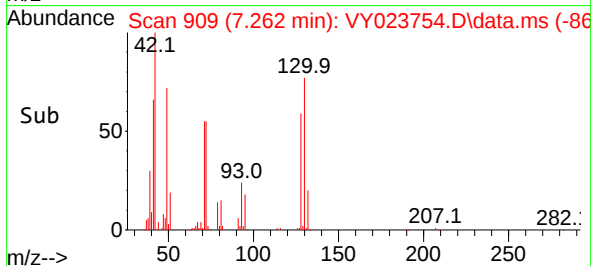
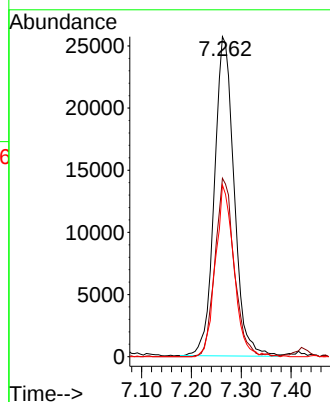
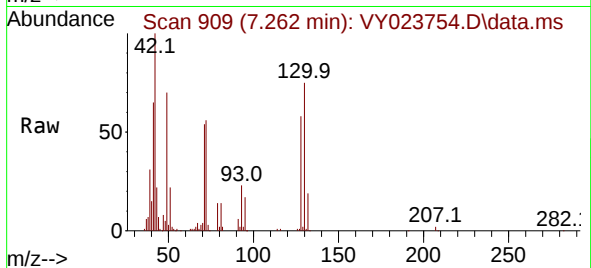
Tgt Ion:	42	Resp:	7075
Ion Ratio	Lower	Upper	
42	100		
72	54.1	43.4	65.2
71	50.5	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#30

Chloroform

Concen: 19.591 ug/l

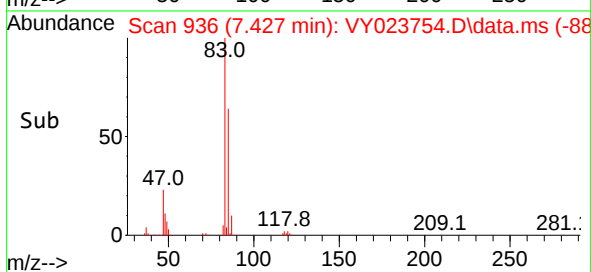
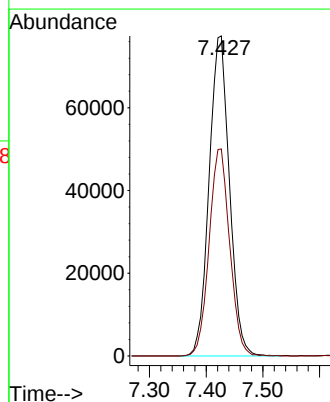
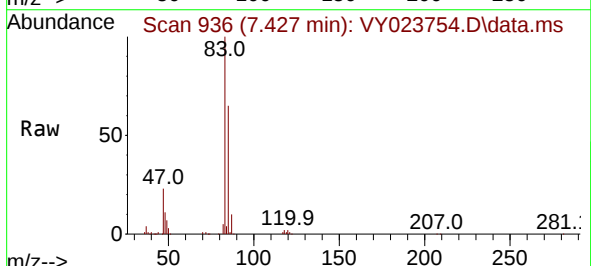
RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

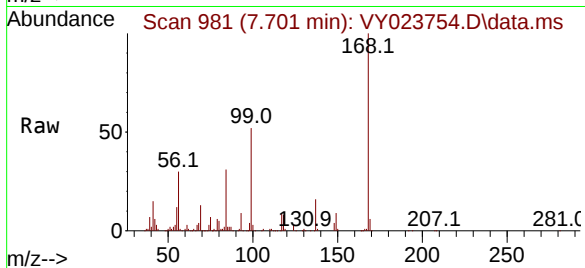
Tgt Ion:	83	Resp:	192666
Ion Ratio	Lower	Upper	
83	100		
85	64.7	52.1	78.1





#31
Cyclohexane
Concen: 19.823 ug/l
RT: 7.701 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

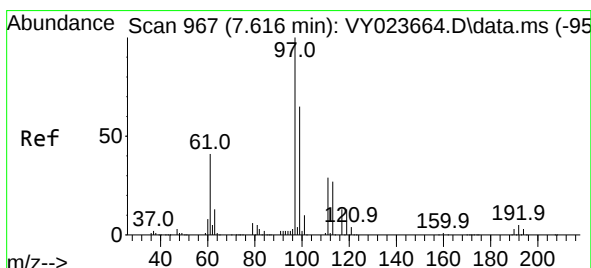
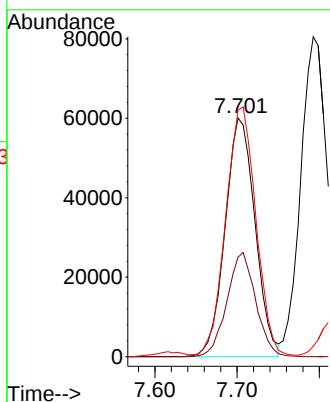
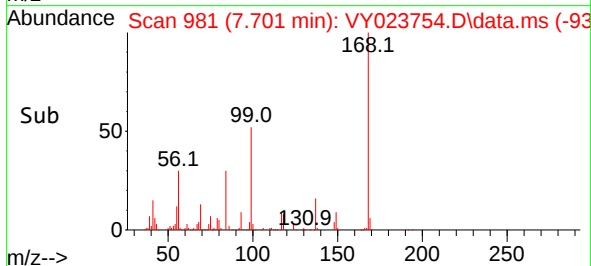
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



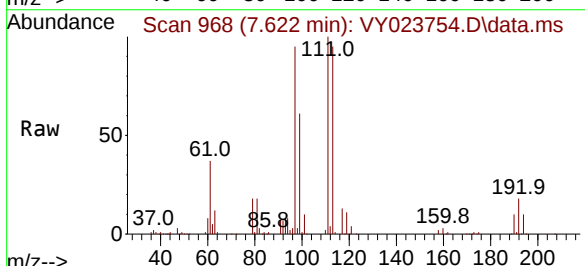
Tgt Ion: 56 Resp: 152164
Ion Ratio Lower Upper
56 100
69 41.7 30.5 45.7
84 101.4 79.0 118.4

Manual Integrations
APPROVED

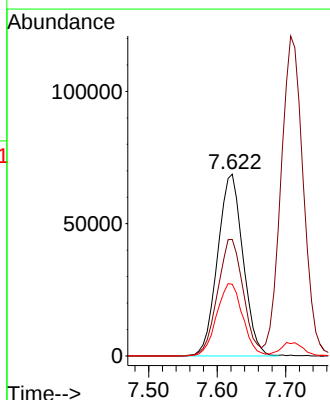
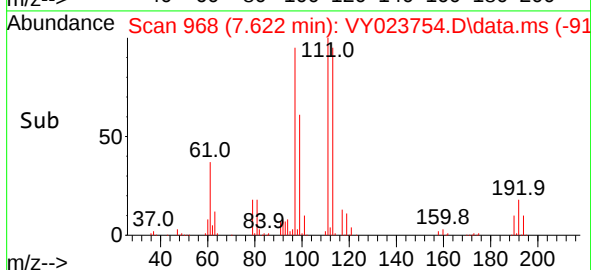
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

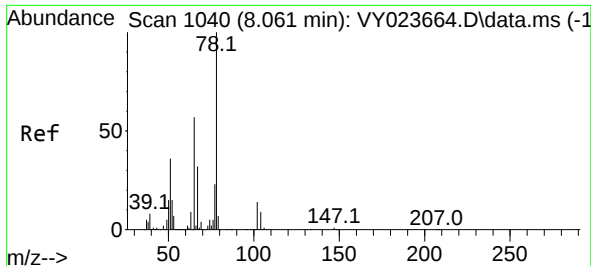


#32
1,1,1-Trichloroethane
Concen: 20.125 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



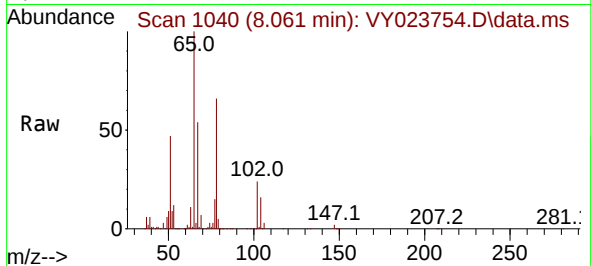
Tgt Ion: 97 Resp: 176895
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 40.7 32.5 48.7





#33
1,2-Dichloroethane-d4
Concen: 49.416 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

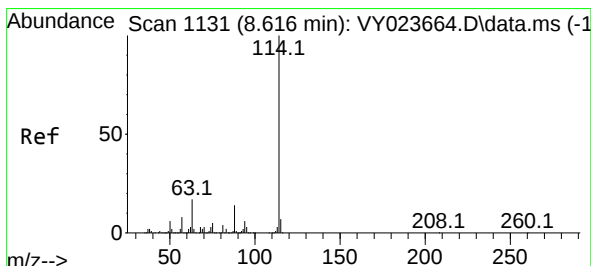
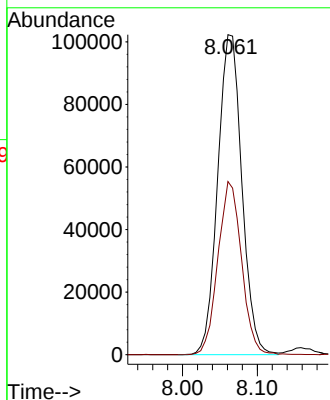
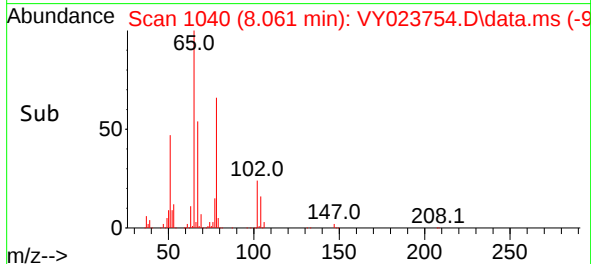
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



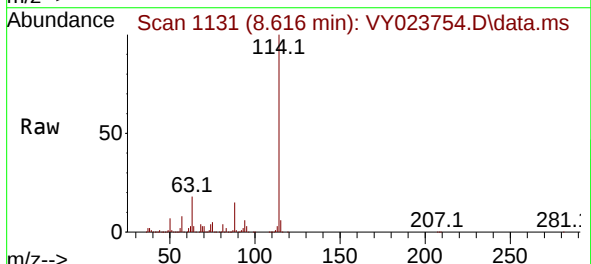
Tgt Ion: 65 Resp: 23015
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4

Manual Integrations
APPROVED

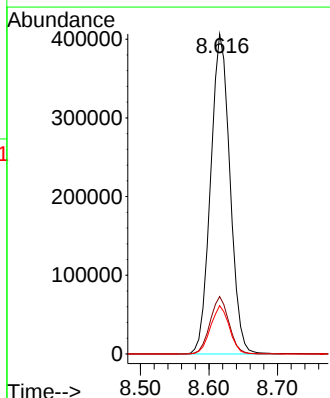
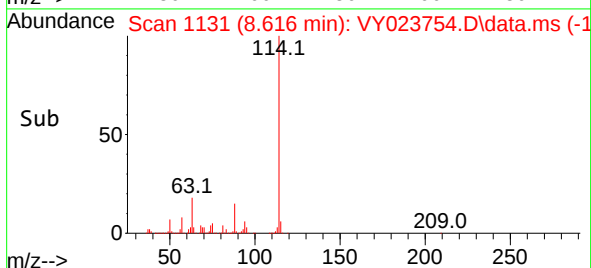
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



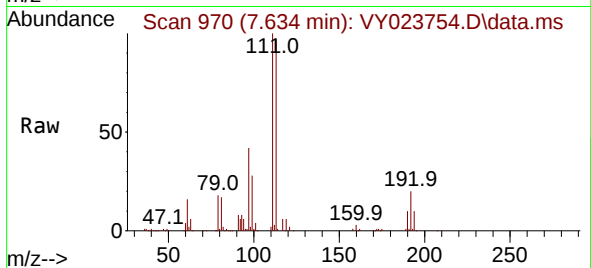
Tgt Ion:114 Resp: 796865
Ion Ratio Lower Upper
114 100
63 17.9 0.0 33.8
88 15.1 0.0 29.0





#35
Dibromofluoromethane
Concen: 50.560 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

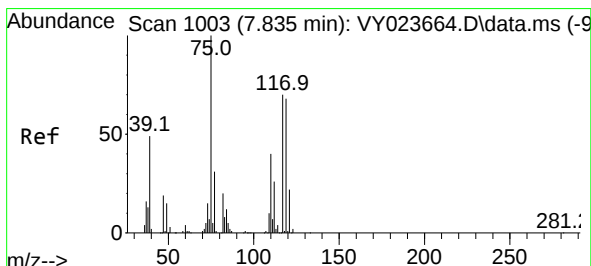
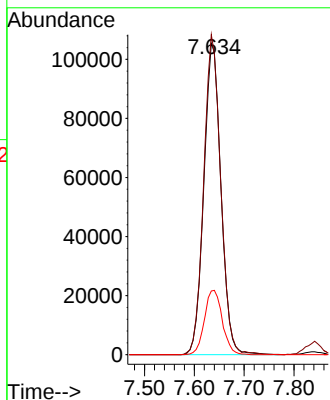
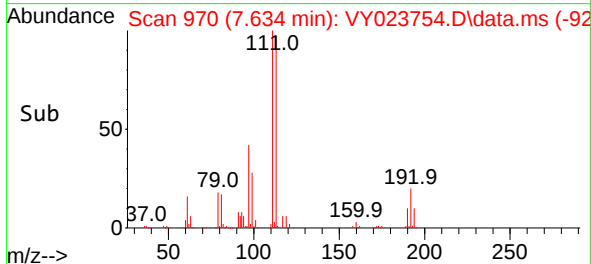
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



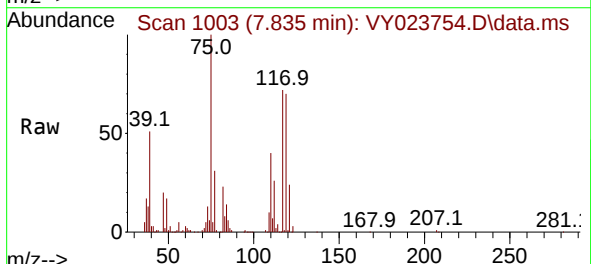
Tgt Ion: 113 Resp: 25178
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 21.5 17.3 25.9

Manual Integrations
APPROVED

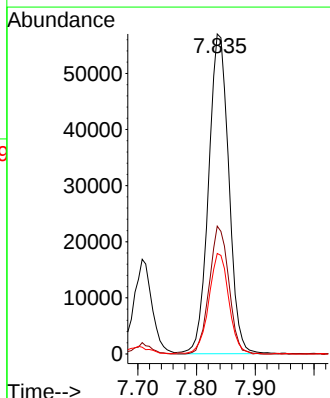
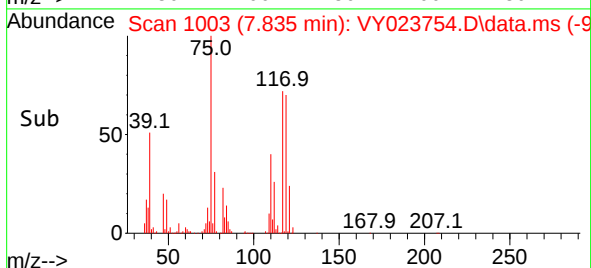
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#36
1,1-Dichloropropene
Concen: 20.454 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



Tgt Ion: 75 Resp: 136108
Ion Ratio Lower Upper
75 100
110 38.6 19.7 59.0
77 31.3 25.2 37.8





#37

Ethyl Acetate

Concen: 21.394 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023754.D

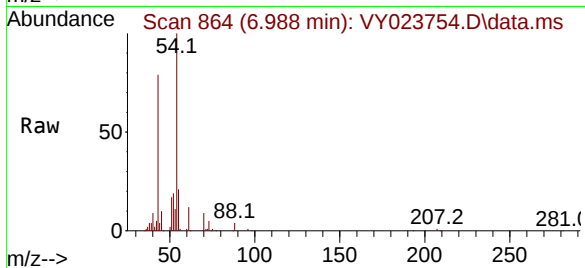
Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01



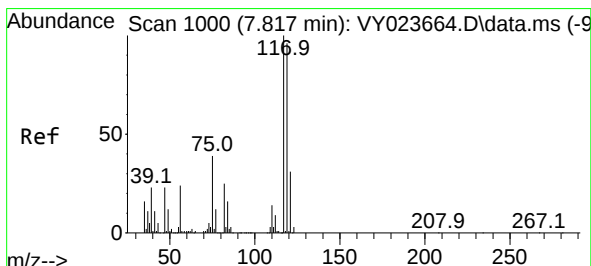
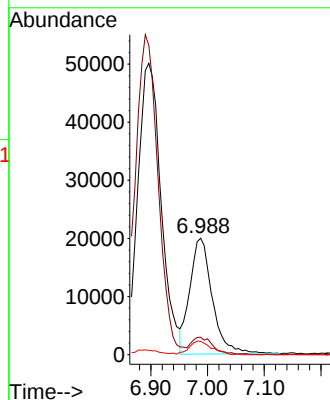
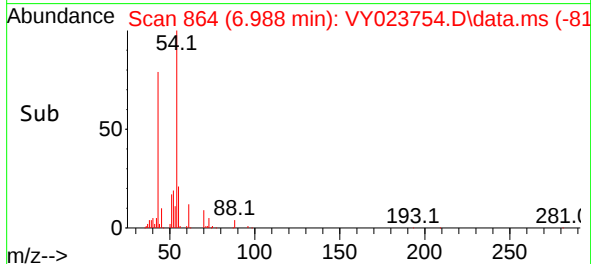
Tgt Ion:	43	Resp:	5511
Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.4	18.6
70	11.5	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#38

Carbon Tetrachloride

Concen: 20.432 ug/l

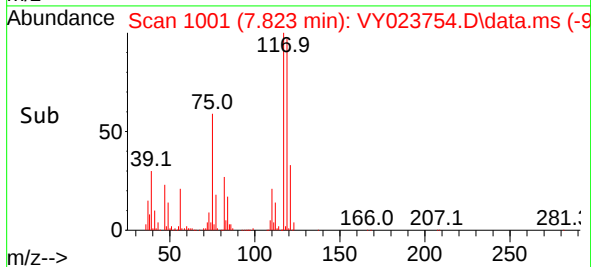
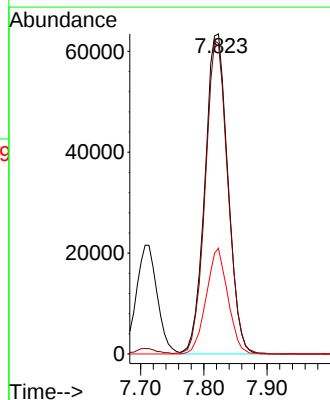
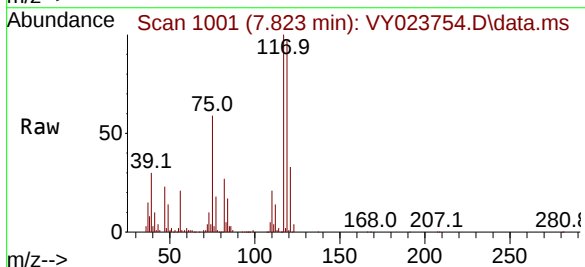
RT: 7.823 min Scan# 1001

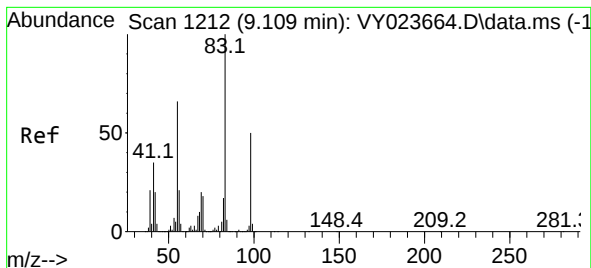
Delta R.T. 0.006 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

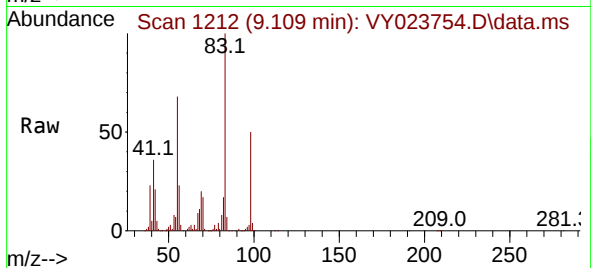
Tgt Ion:	117	Resp:	160196
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.3	114.5
121	33.0	24.8	37.2





#39
Methylcyclohexane
Concen: 20.032 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

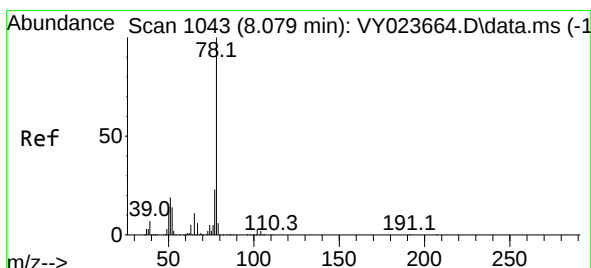
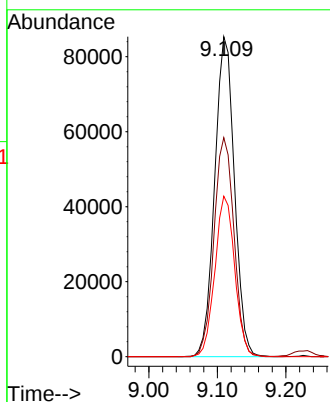
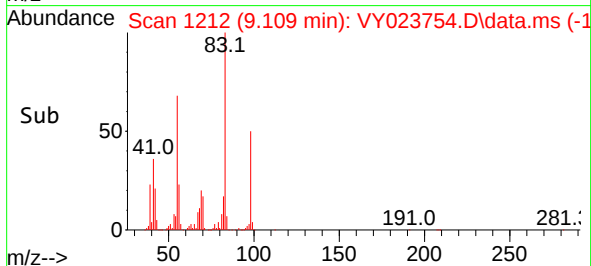
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



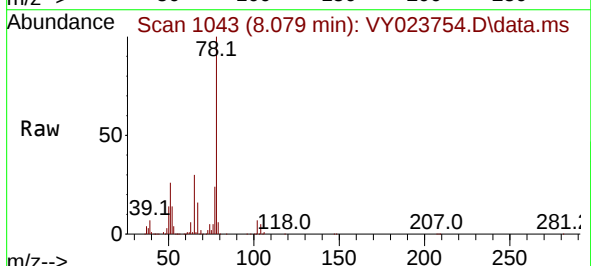
Tgt Ion: 83 Resp: 170328
Ion Ratio Lower Upper
83 100
55 68.5 52.6 78.8
98 50.1 39.7 59.5

Manual Integrations
APPROVED

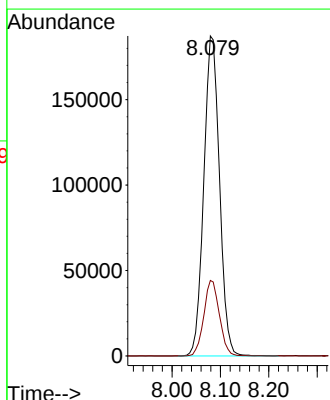
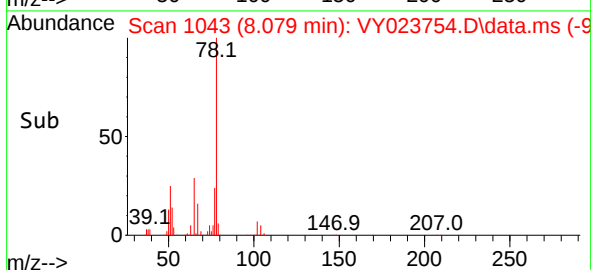
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

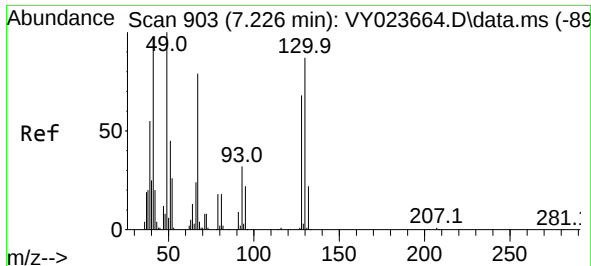


#40
Benzene
Concen: 20.136 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



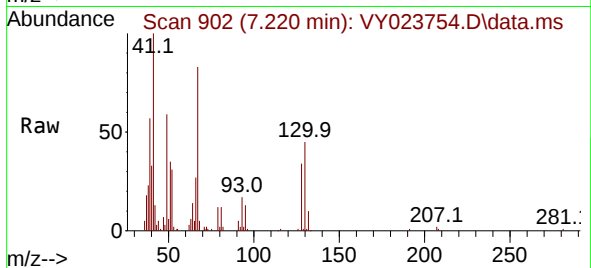
Tgt Ion: 78 Resp: 422366
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2





#41
Methacrylonitrile
Concen: 18.837 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

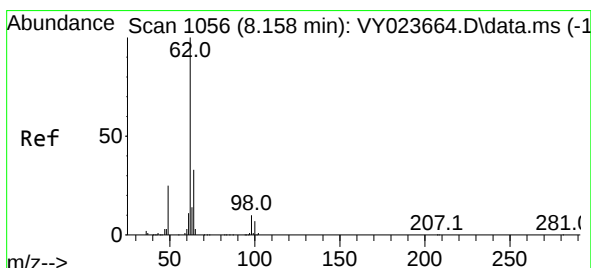
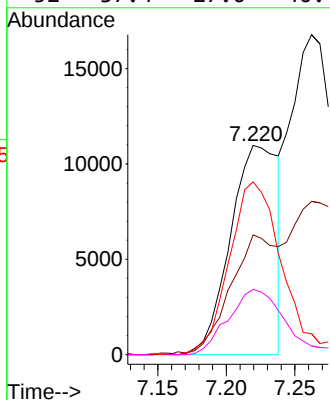
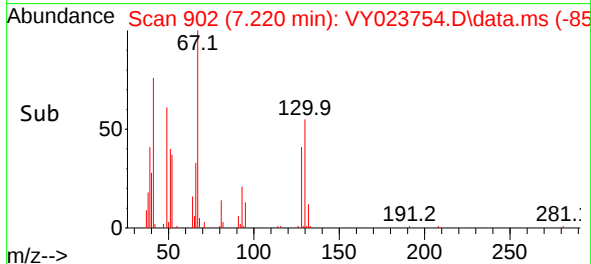
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



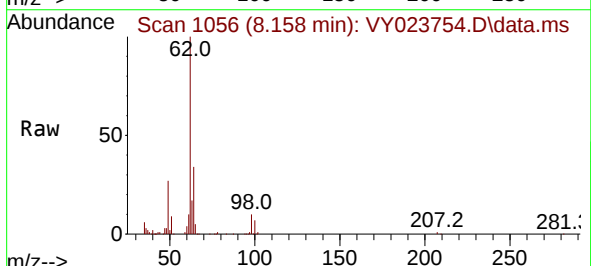
Tgt Ion: 41 Resp: 26488
Ion Ratio Lower Upper
41 100
39 56.3 38.6 57.8
67 93.0 71.3 106.9
52 37.4 27.0 40.4

Manual Integrations
APPROVED

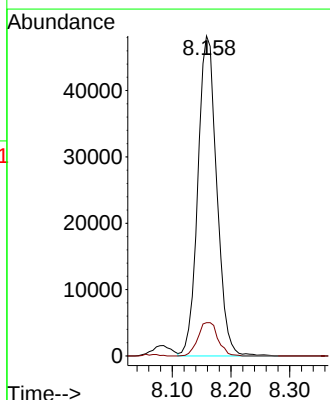
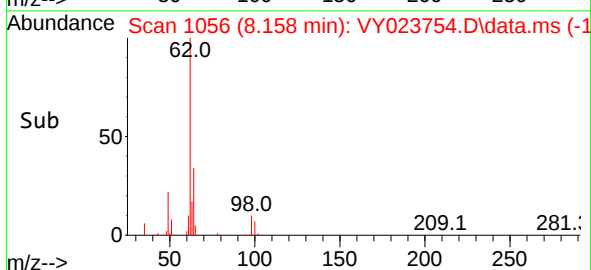
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

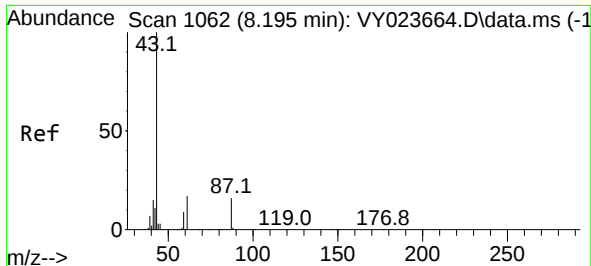


#42
1,2-Dichloroethane
Concen: 20.281 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



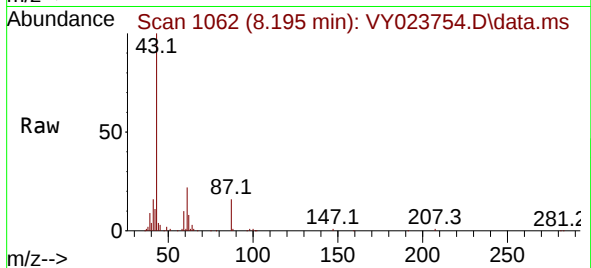
Tgt Ion: 62 Resp: 107624
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.0





#43
Isopropyl Acetate
Concen: 20.297 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

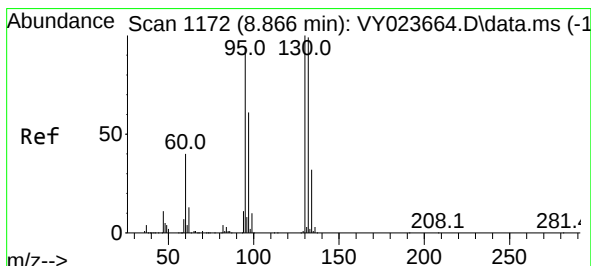
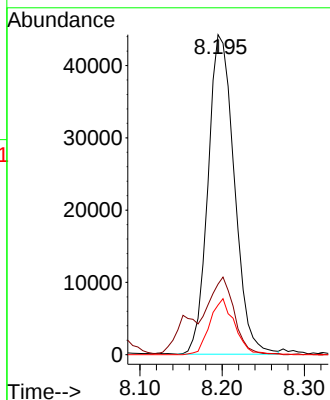
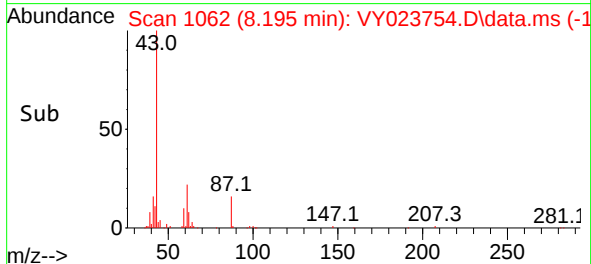
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



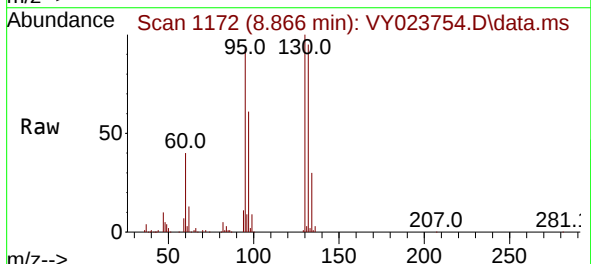
Tgt Ion: 43 Resp: 9824
Ion Ratio Lower Upper
43 100
61 24.2 18.2 27.2
87 16.6 13.3 19.9

Manual Integrations
APPROVED

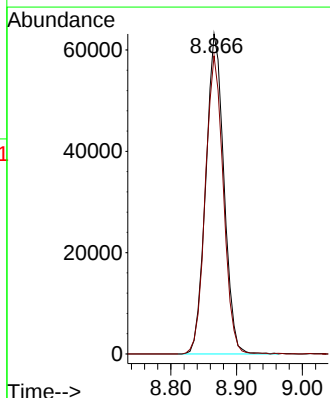
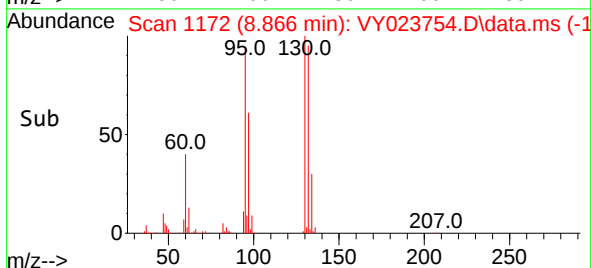
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

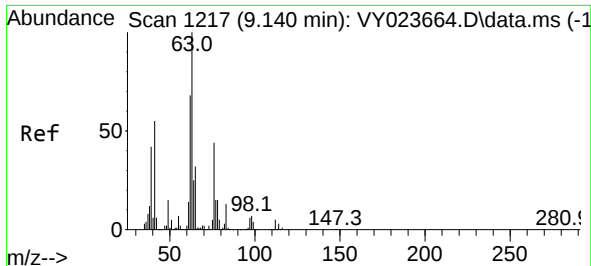


#44
Trichloroethene
Concen: 20.140 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



Tgt Ion:130 Resp: 121333
Ion Ratio Lower Upper
130 100
95 93.1 0.0 187.0





#45

1,2-Dichloropropane

Concen: 19.744 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tgt Ion: 63 Resp: 91399

Ion Ratio Lower Upper

63 100

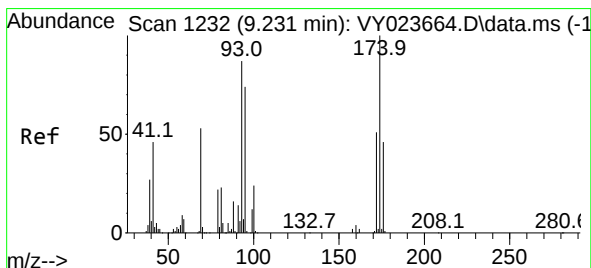
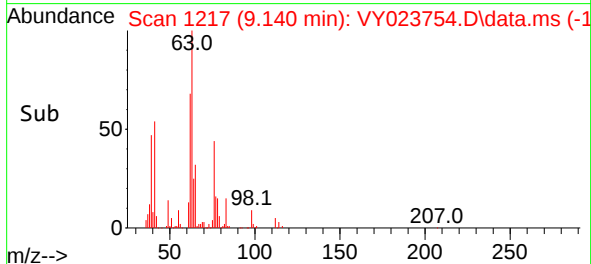
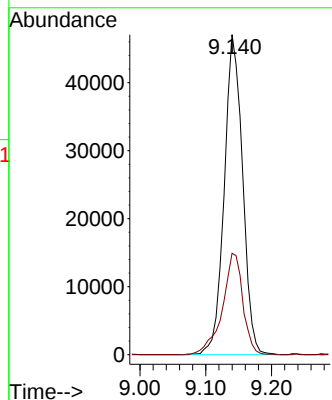
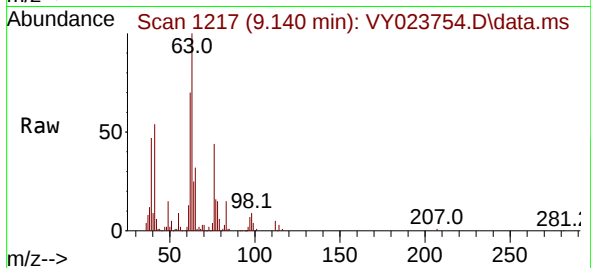
65 31.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#46

Dibromomethane

Concen: 19.779 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

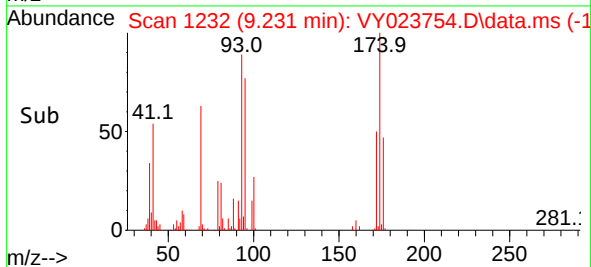
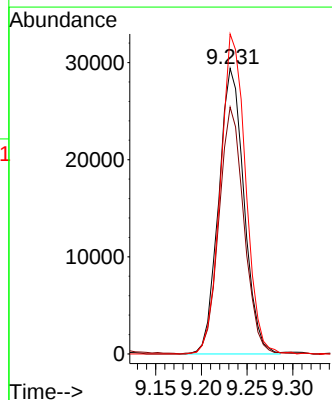
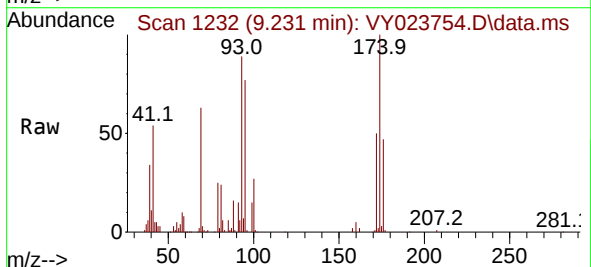
Tgt Ion: 93 Resp: 56733

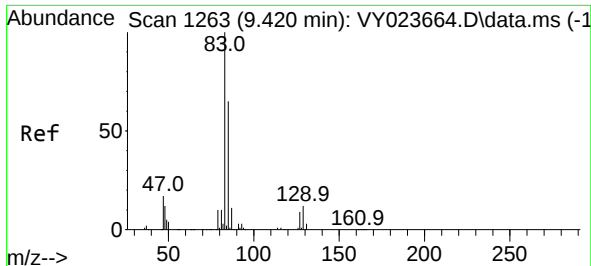
Ion Ratio Lower Upper

93 100

95 85.1 67.4 101.2

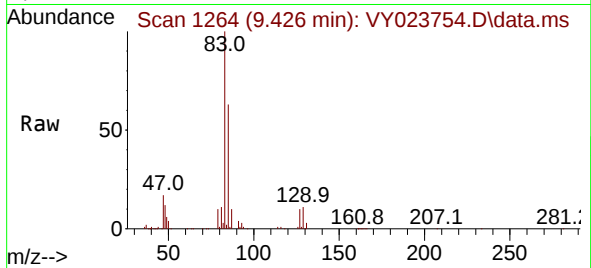
174 111.0 89.4 134.0





#47
Bromodichloromethane
Concen: 20.256 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

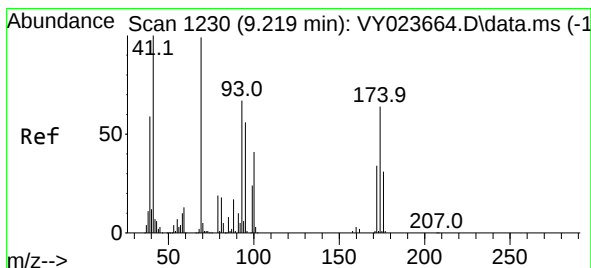
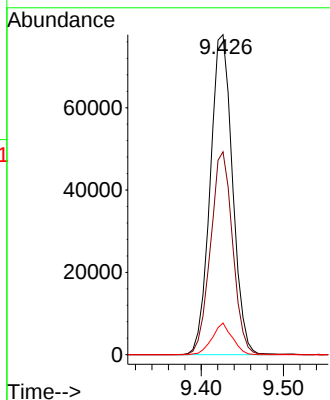
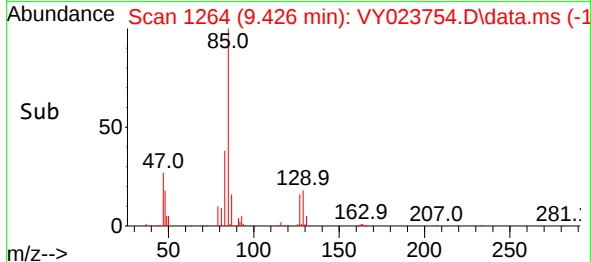
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



Tgt Ion: 83 Resp: 146480
Ion Ratio Lower Upper
83 100
85 63.3 52.1 78.1
127 9.9 7.5 11.3

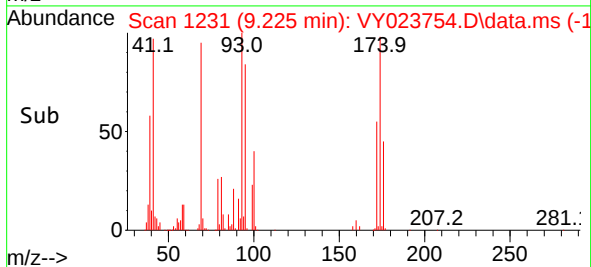
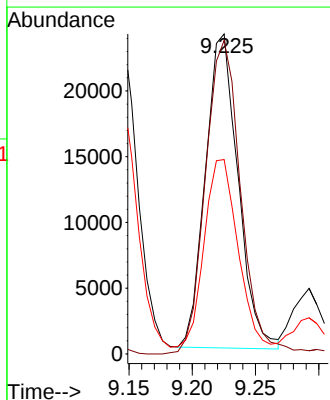
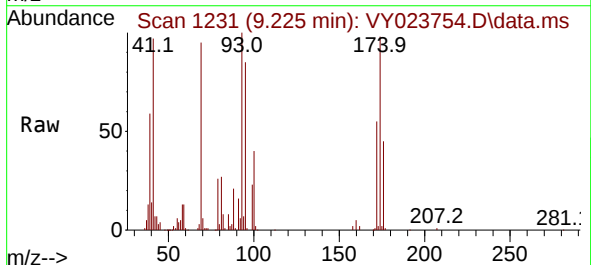
Manual Integrations
APPROVED

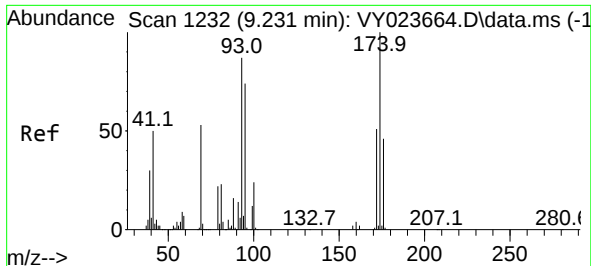
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#48
Methyl methacrylate
Concen: 18.774 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion: 41 Resp: 42932
Ion Ratio Lower Upper
41 100
69 108.6 80.2 120.2
39 61.6 47.4 71.0





#49

1,4-Dioxane

Concen: 400.867 ug/l

RT: 9.231 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

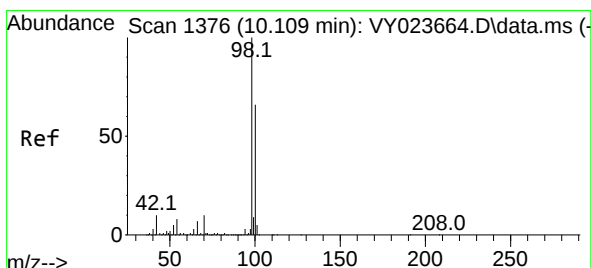
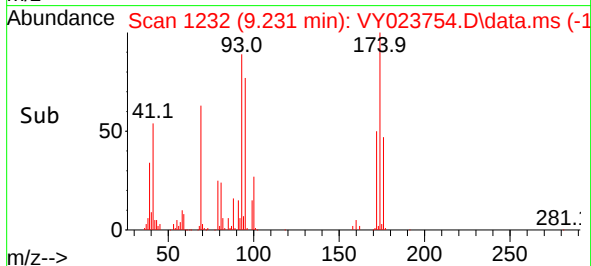
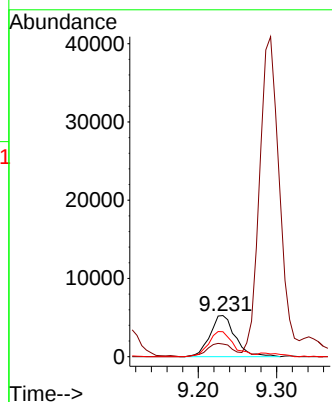
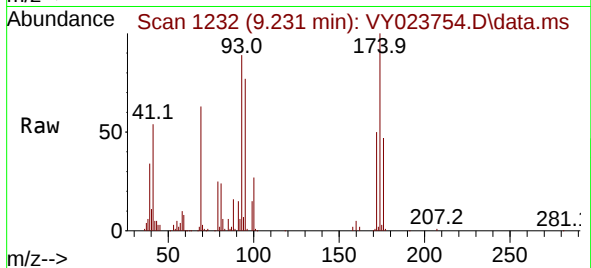
Tgt Ion: 88	Resp: 1176
Ion Ratio	Lower Upper
88 100	
43 33.1	22.0 33.0
58 60.5	47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#50

Toluene-d8

Concen: 51.252 ug/l

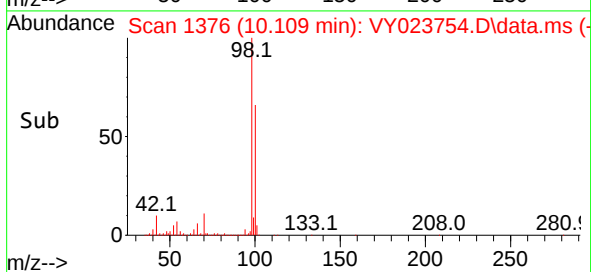
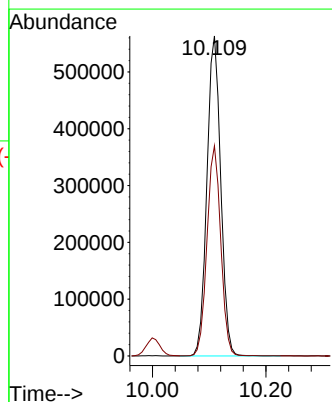
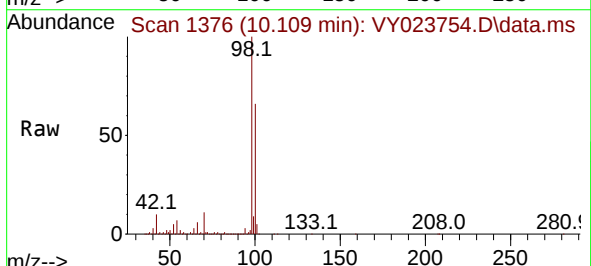
RT: 10.109 min Scan# 1376

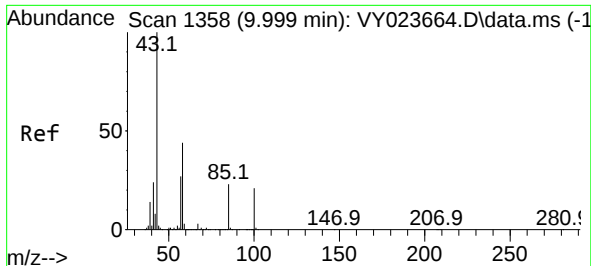
Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Tgt Ion: 98	Resp: 950745
Ion Ratio	Lower Upper
98 100	
100 65.2	52.7 79.1





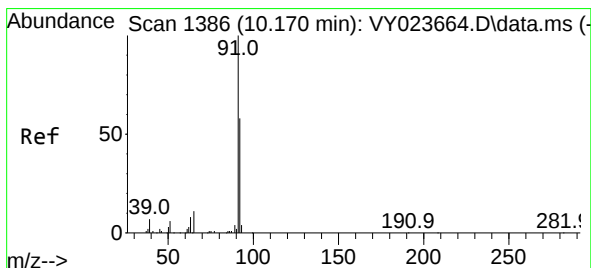
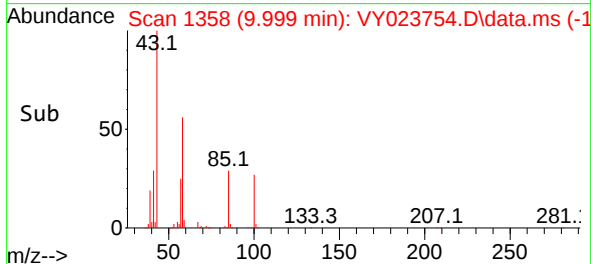
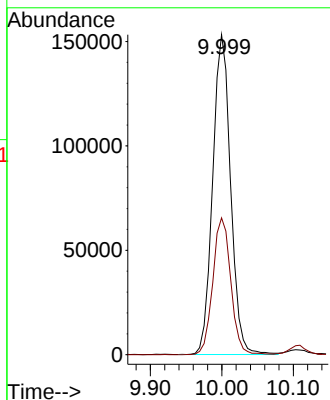
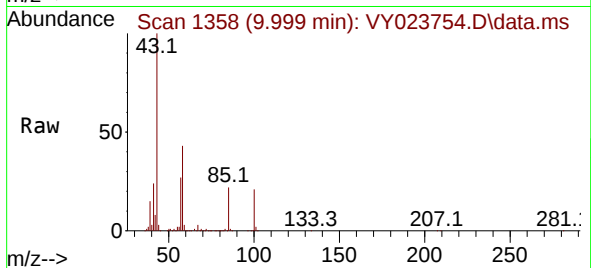
#51
4-Methyl-2-Pentanone
Concen: 103.601 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tgt Ion: 43 Resp: 266672
Ion Ratio Lower Upper
43 100
58 42.9 34.8 52.2

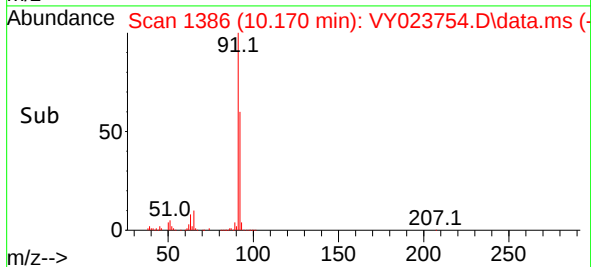
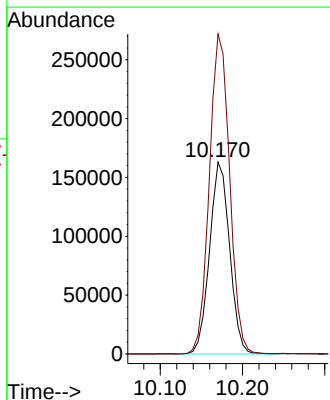
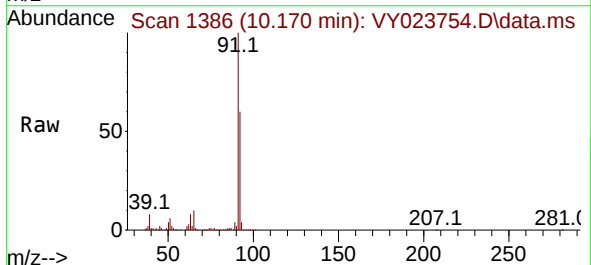
Manual Integrations
APPROVED

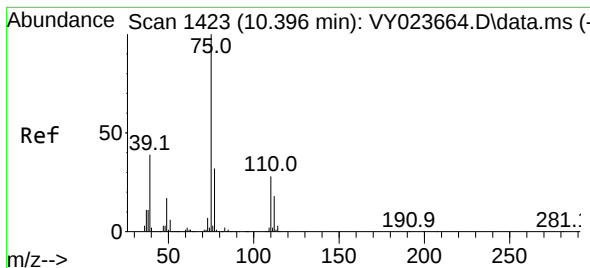
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#52
Toluene
Concen: 20.601 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

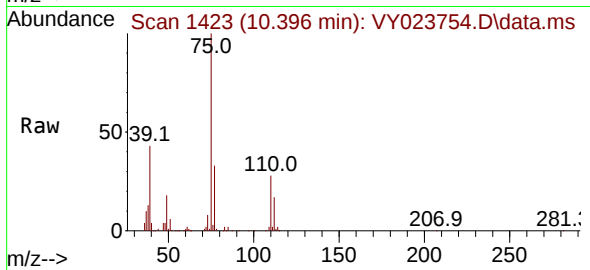
Tgt Ion: 92 Resp: 275871
Ion Ratio Lower Upper
92 100
91 168.8 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 19.923 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

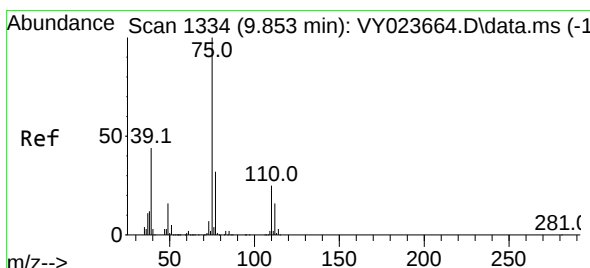
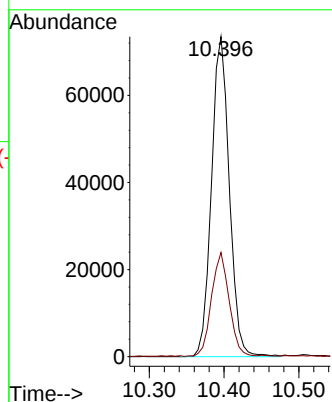
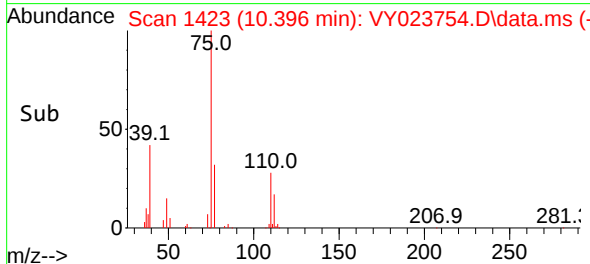
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



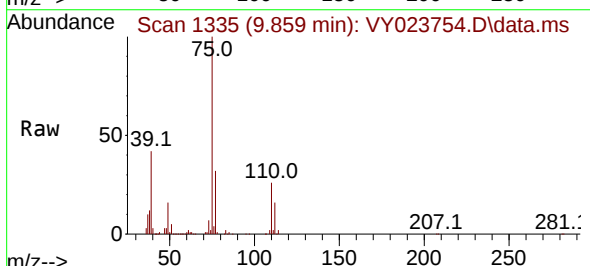
Tgt Ion: 75 Resp: 121908
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4

Manual Integrations
APPROVED

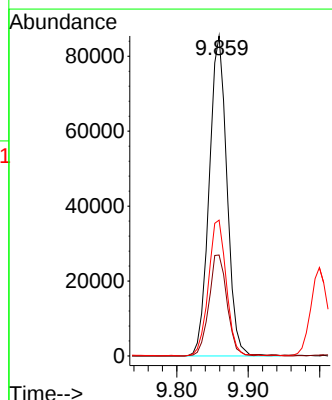
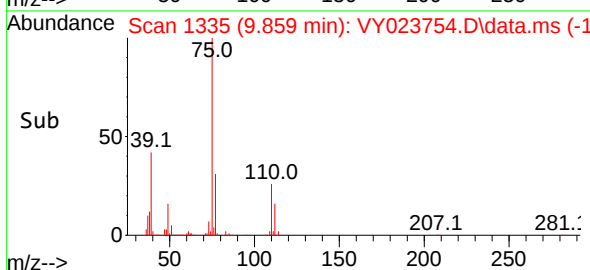
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

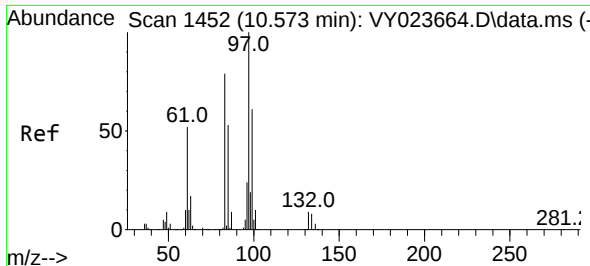


#54
cis-1,3-Dichloropropene
Concen: 20.047 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



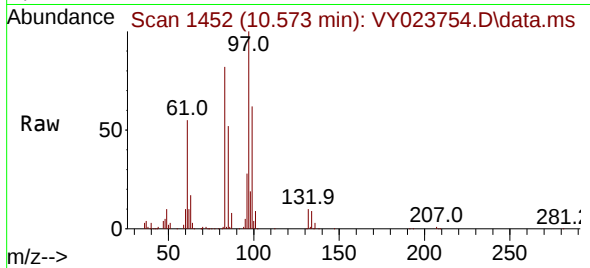
Tgt Ion: 75 Resp: 146970
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 42.4 34.9 52.3





#55
1,1,2-Trichloroethane
Concen: 19.796 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

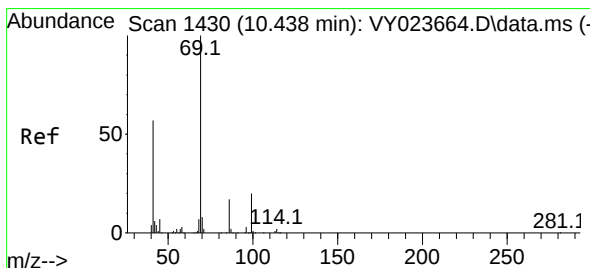
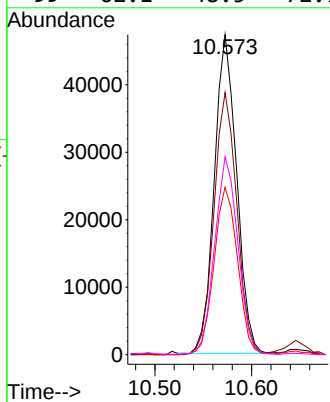
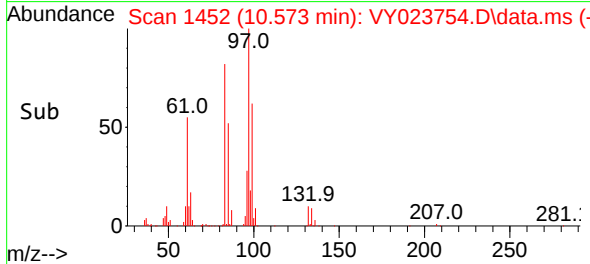
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



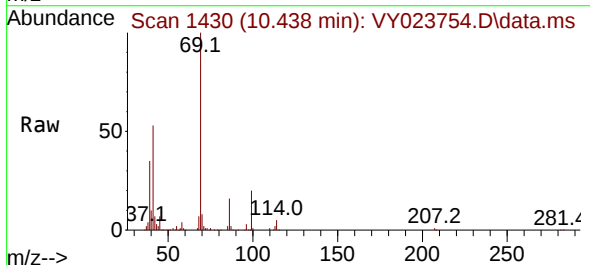
Tgt Ion: 97	Resp: 7588
Ion Ratio	Lower Upper
97 100	
83 82.2	63.3 94.9
85 52.5	42.4 63.6
99 62.1	48.5 72.7

Manual Integrations
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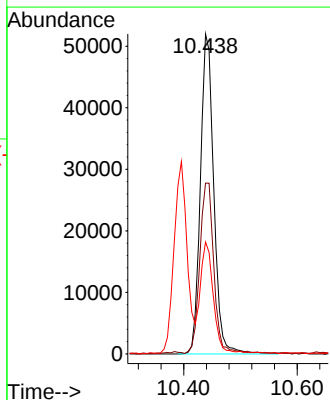
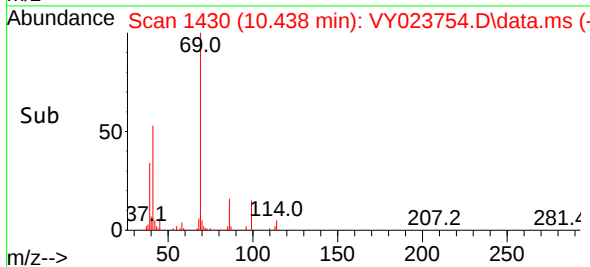
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

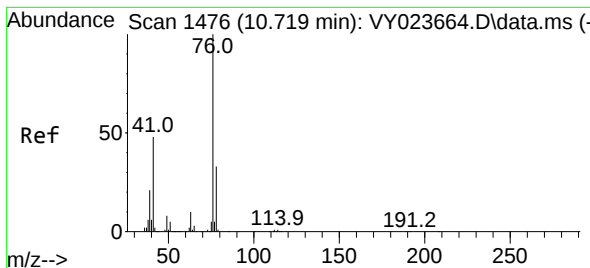


#56
Ethyl methacrylate
Concen: 20.203 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



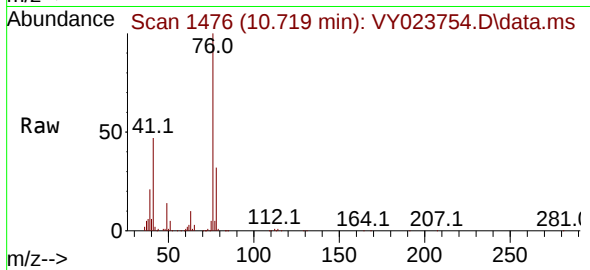
Tgt Ion: 69	Resp: 85323
Ion Ratio	Lower Upper
69 100	
41 56.2	45.0 67.4
39 33.1	25.1 37.7





#57
1,3-Dichloropropane
Concen: 20.262 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

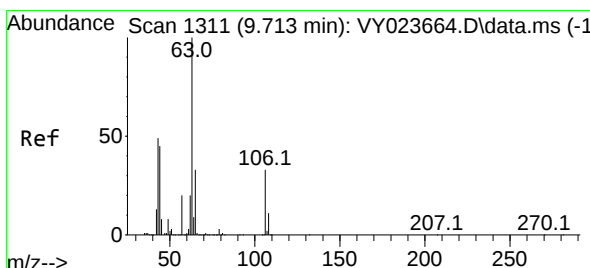
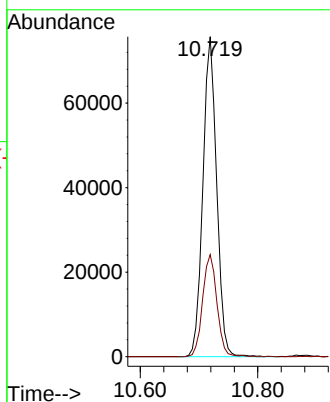
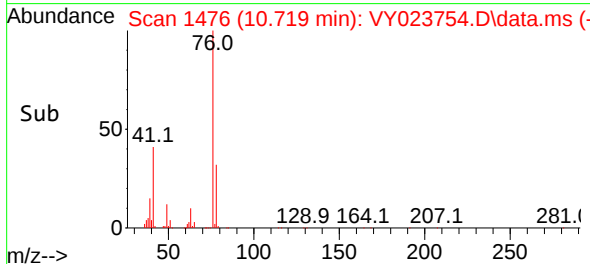
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



Tgt Ion: 76 Resp: 123192
Ion Ratio Lower Upper
76 100
78 33.1 26.0 39.0

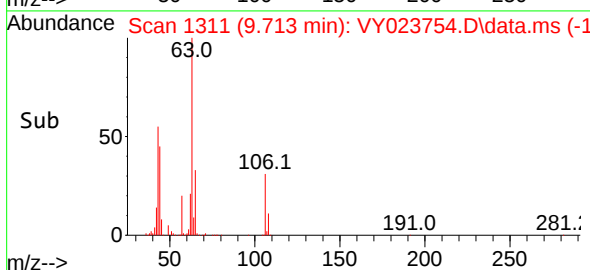
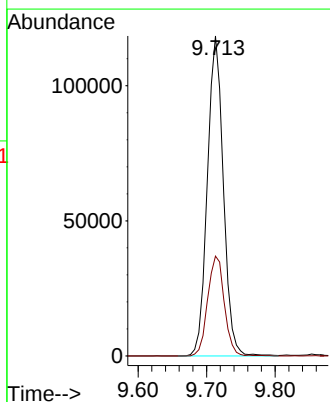
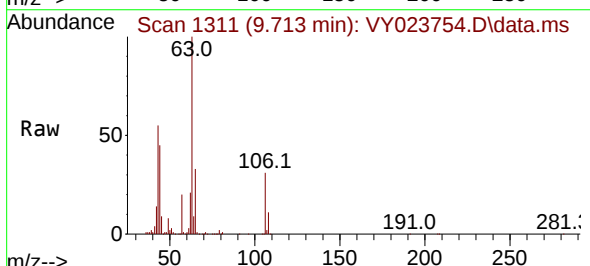
Manual Integrations
APPROVED

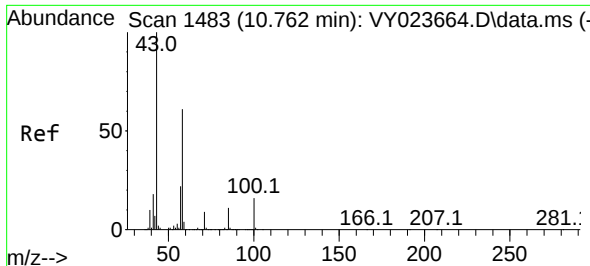
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 99.292 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

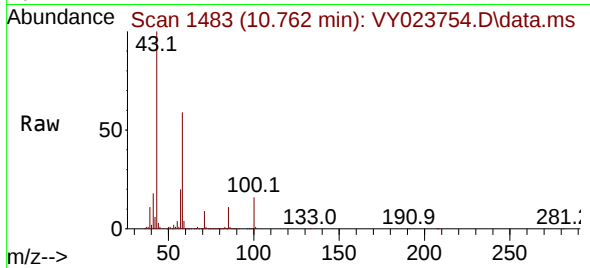
Tgt Ion: 63 Resp: 192429
Ion Ratio Lower Upper
63 100
106 32.5 26.2 39.2





#59
2-Hexanone
Concen: 107.985 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

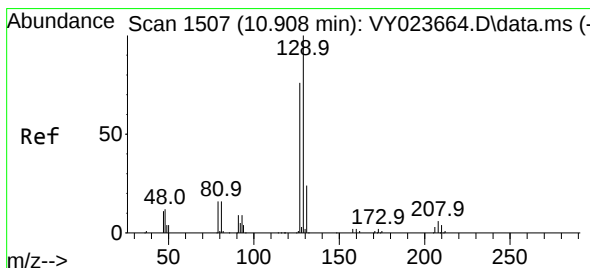
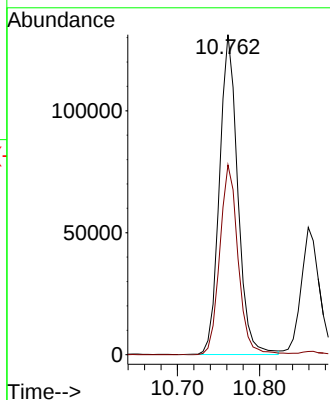
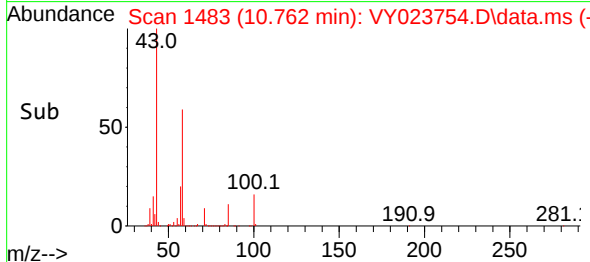
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



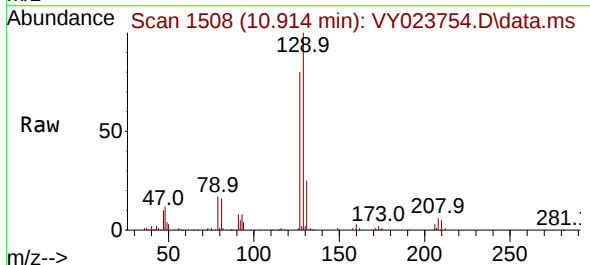
Tgt Ion: 43 Resp: 202789
Ion Ratio Lower Upper
43 100
58 59.5 30.2 90.6

Manual Integrations
APPROVED

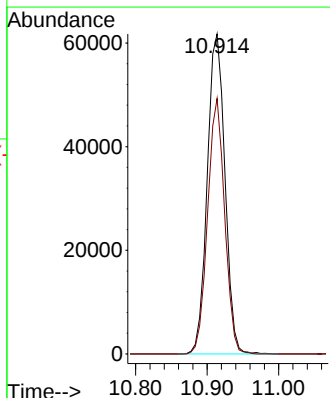
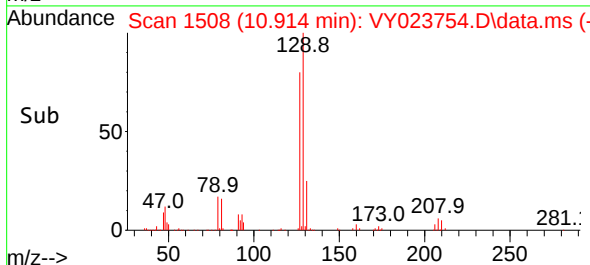
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

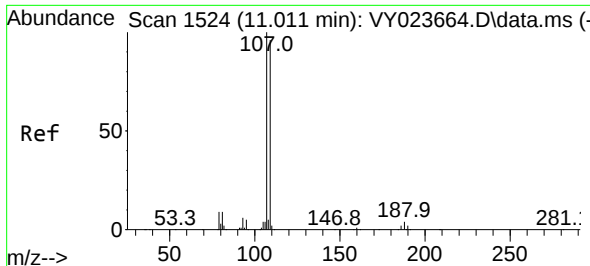


#60
Dibromochloromethane
Concen: 20.122 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



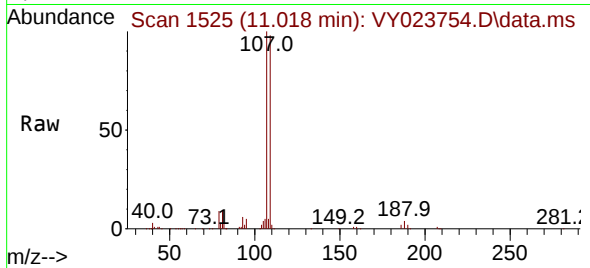
Tgt Ion:129 Resp: 105980
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61
1,2-Dibromoethane
Concen: 20.109 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

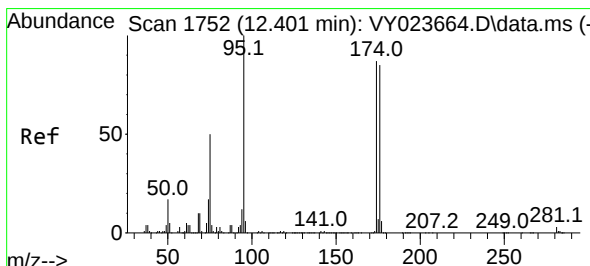
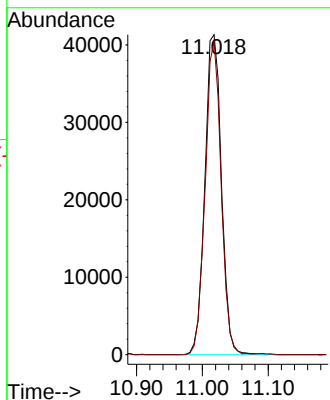
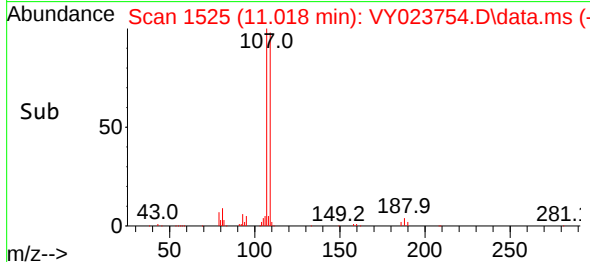
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



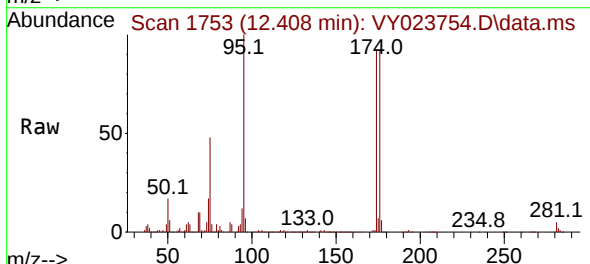
Tgt Ion:107 Resp: 72340
Ion Ratio Lower Upper
107 100
109 94.4 76.2 114.4

Manual Integrations
APPROVED

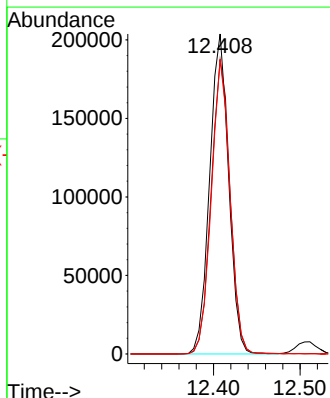
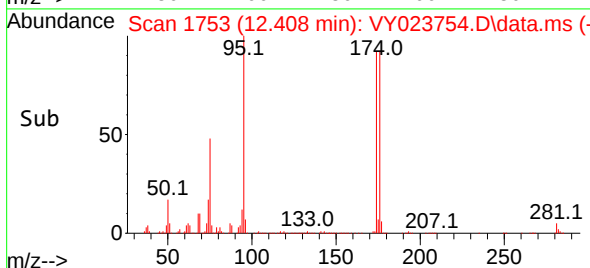
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

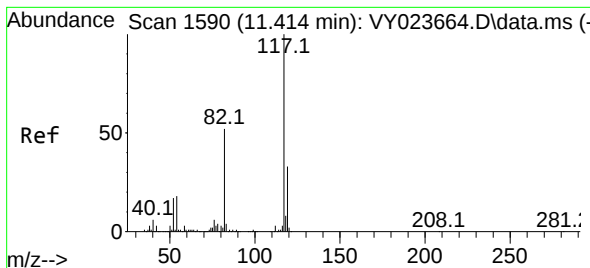


#62
4-Bromofluorobenzene
Concen: 51.774 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



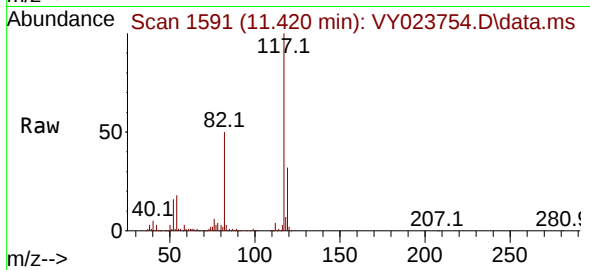
Tgt Ion: 95 Resp: 310594
Ion Ratio Lower Upper
95 100
174 92.0 0.0 184.8
176 90.0 0.0 181.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

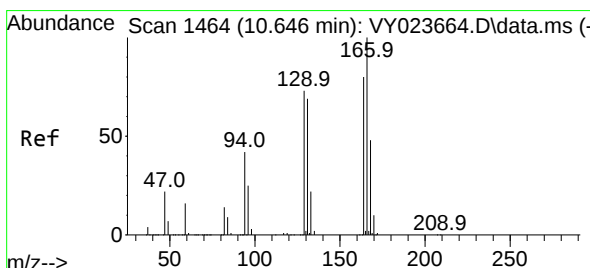
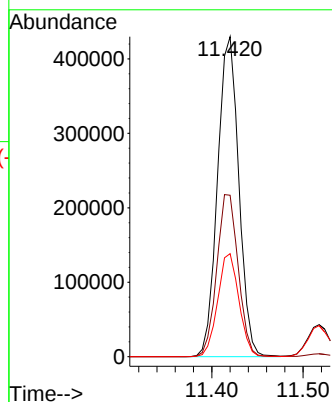
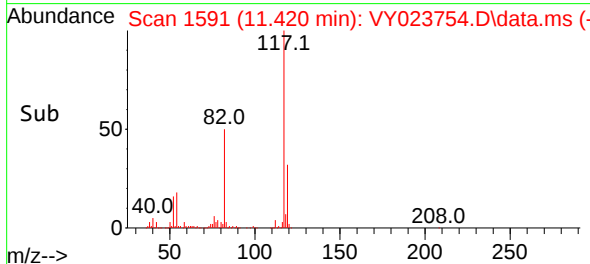
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



Tgt Ion:117 Resp: 69592
Ion Ratio Lower Upper
117 100
82 50.4 41.2 61.8
119 32.2 26.2 39.2

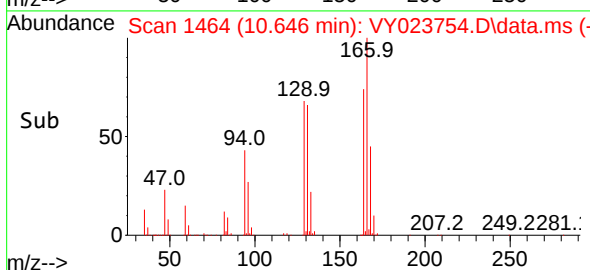
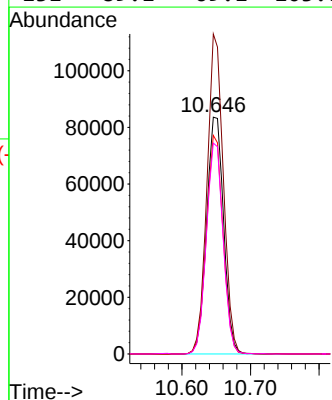
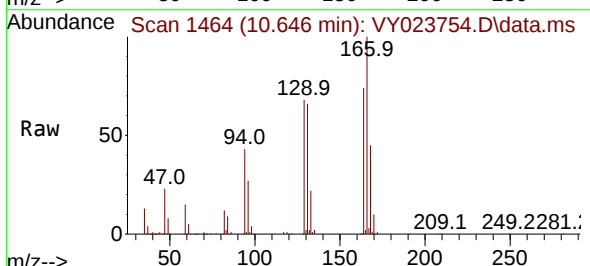
Manual Integrations
APPROVED

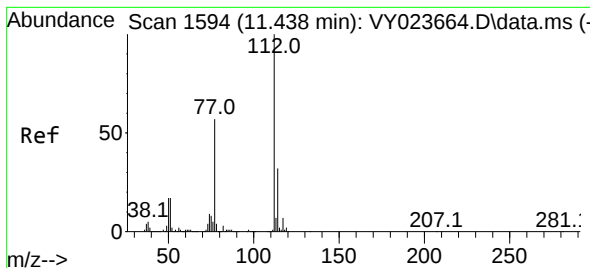
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#64
Tetrachloroethene
Concen: 20.002 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

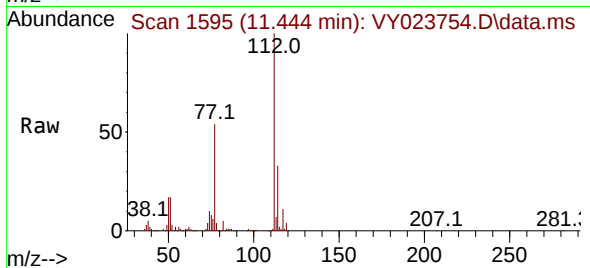
Tgt Ion:164 Resp: 144882
Ion Ratio Lower Upper
164 100
166 135.1 99.5 149.3
129 92.3 72.3 108.5
131 89.1 69.1 103.7





#65
Chlorobenzene
Concen: 19.868 ug/l
RT: 11.444 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

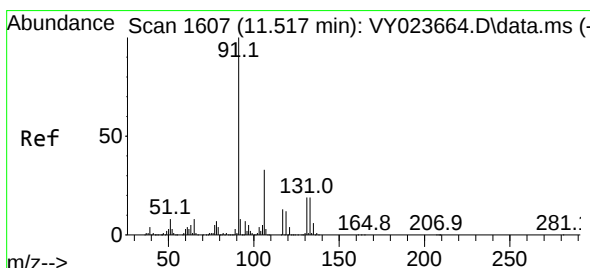
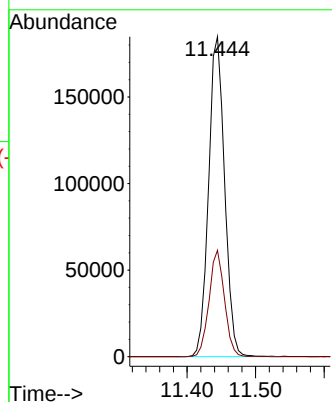
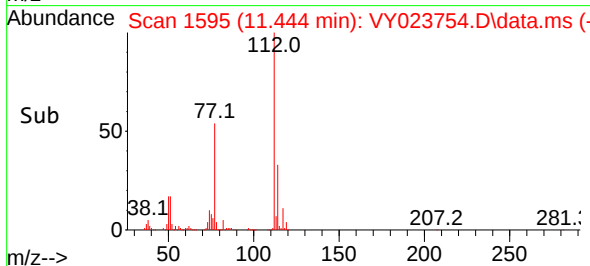
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



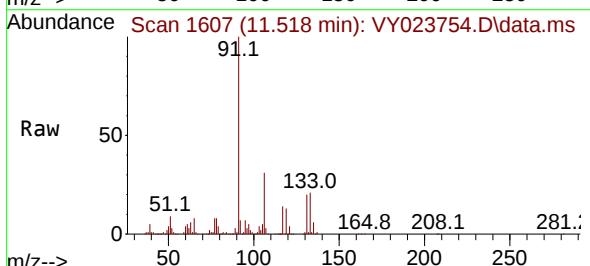
Tgt Ion:112 Resp: 300999
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6

Manual Integrations
APPROVED

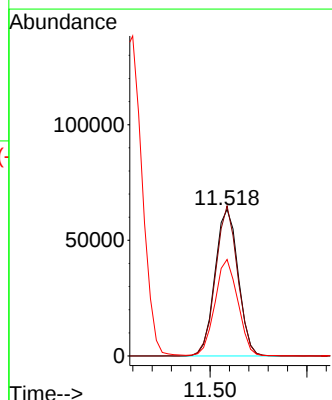
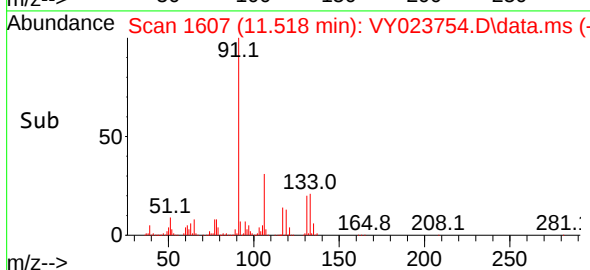
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

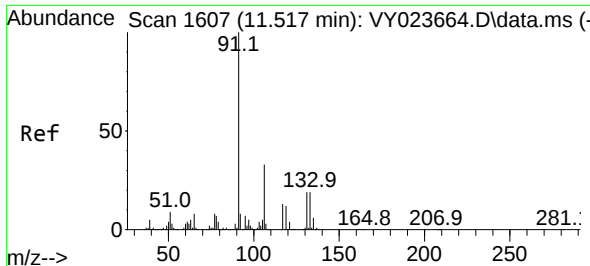


#66
1,1,1,2-Tetrachloroethane
Concen: 19.717 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



Tgt Ion:131 Resp: 105628
Ion Ratio Lower Upper
131 100
133 97.5 47.3 141.8
119 65.4 32.5 97.4





#67

Ethyl Benzene

Concen: 20.197 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tgt Ion: 91 Resp: 495224

Ion Ratio Lower Upper

91 100

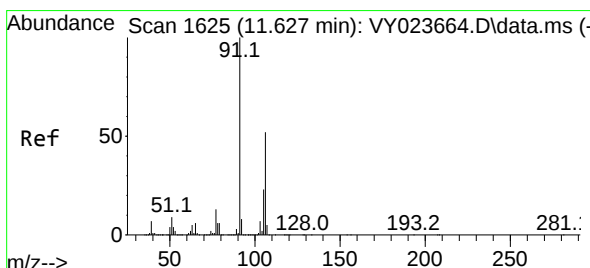
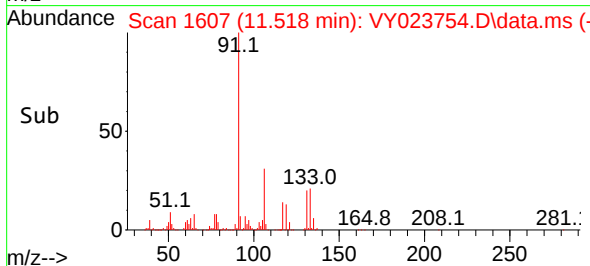
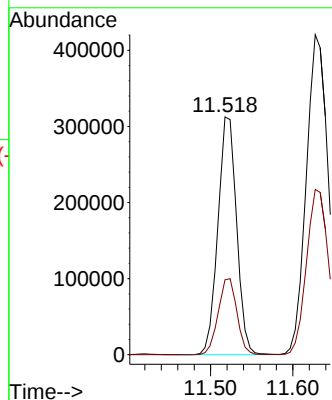
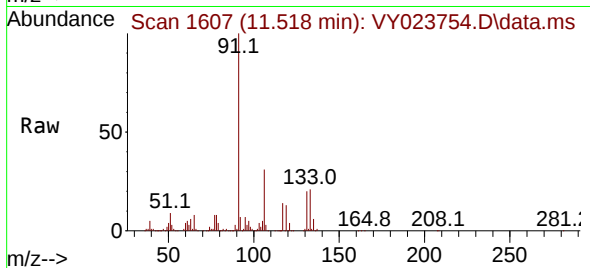
106 31.5 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#68

m/p-Xylenes

Concen: 40.988 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023754.D

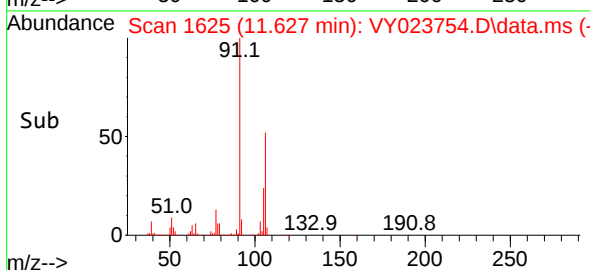
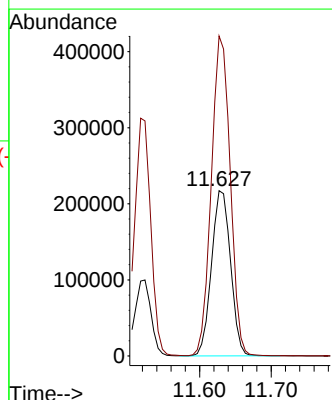
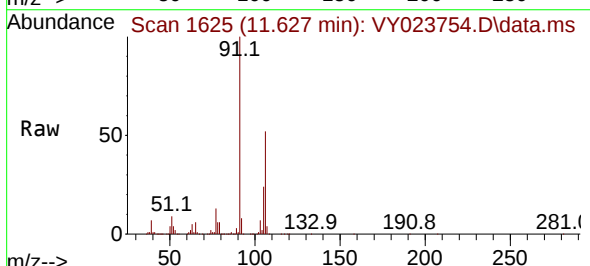
Acq: 12 Nov 2025 11:04

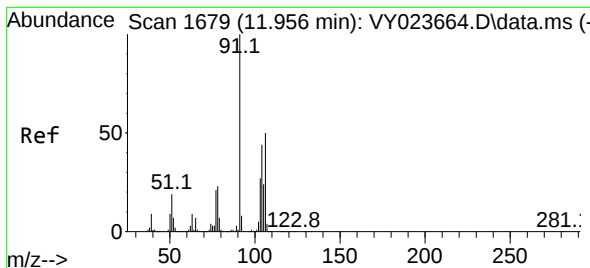
Tgt Ion:106 Resp: 401550

Ion Ratio Lower Upper

106 100

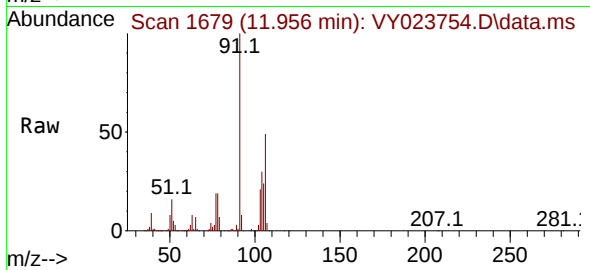
91 192.5 154.3 231.5





#69
o-Xylene
Concen: 19.839 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

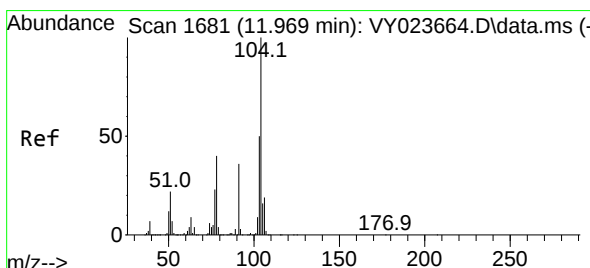
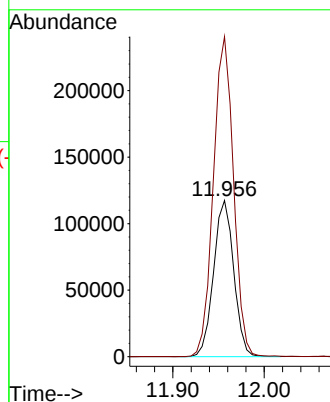
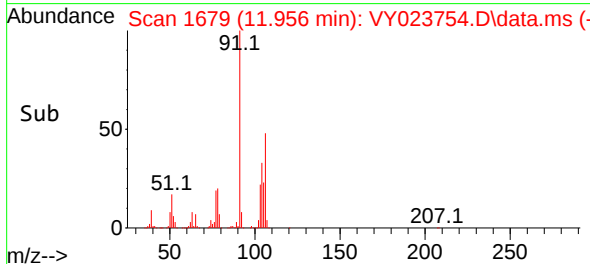
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



Tgt Ion:106 Resp: 179658
Ion Ratio Lower Upper
106 100
91 204.9 101.6 304.6

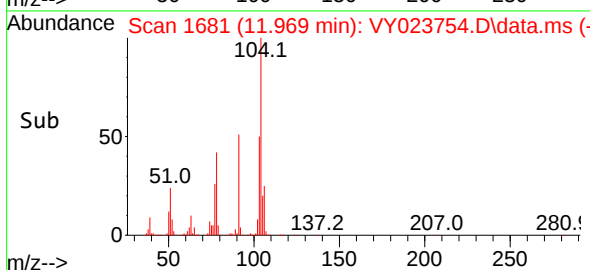
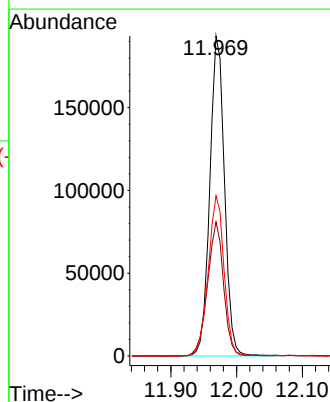
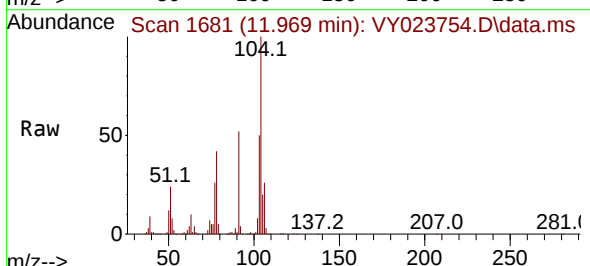
Manual Integrations
APPROVED

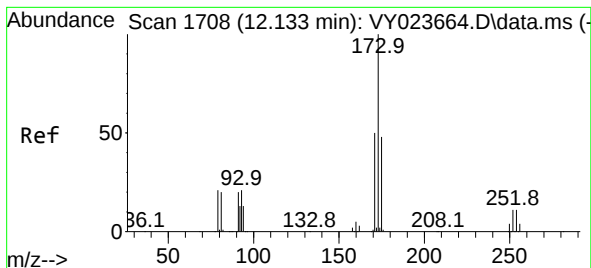
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#70
Styrene
Concen: 20.144 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Tgt Ion:104 Resp: 300983
Ion Ratio Lower Upper
104 100
78 45.6 36.5 54.7
103 54.0 43.7 65.5





#71

Bromoform

Concen: 20.379 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tgt Ion:173 Resp: 6376

Ion Ratio Lower Upper

173 100

175 47.7 24.2 72.6

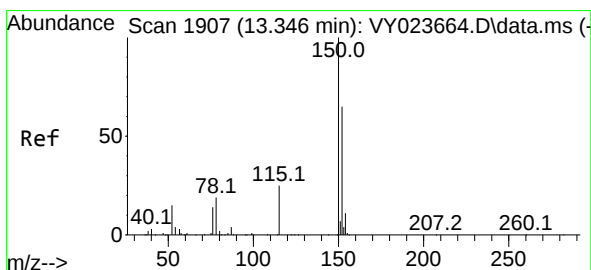
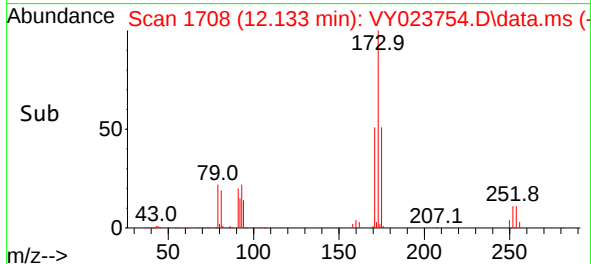
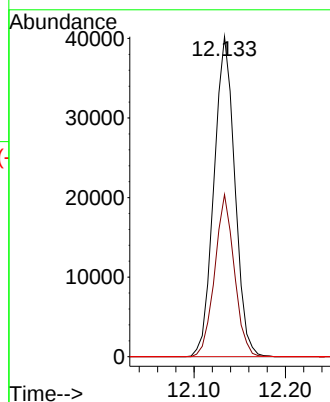
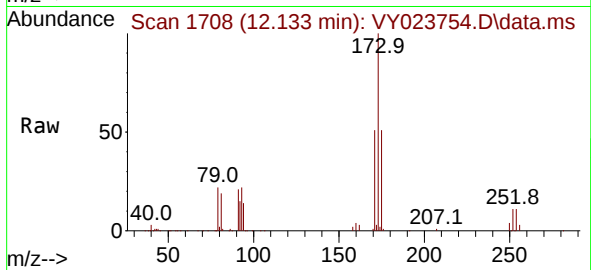
254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

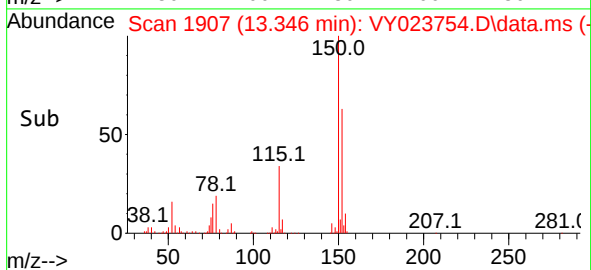
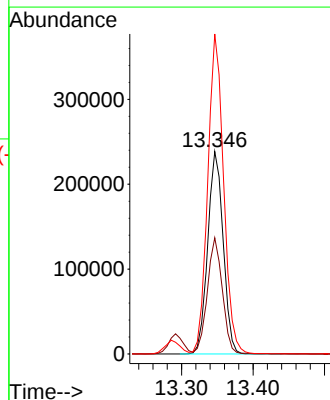
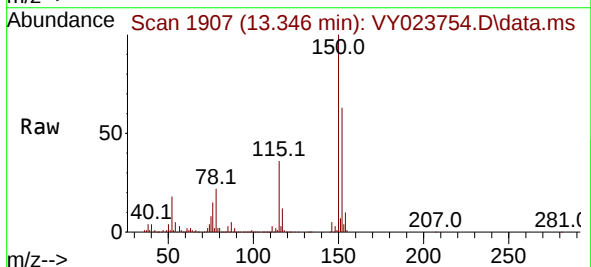
Tgt Ion:152 Resp: 358224

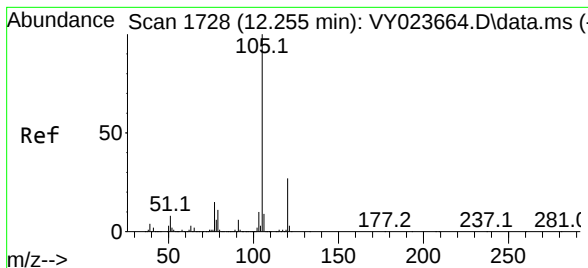
Ion Ratio Lower Upper

152 100

115 55.5 27.5 82.5

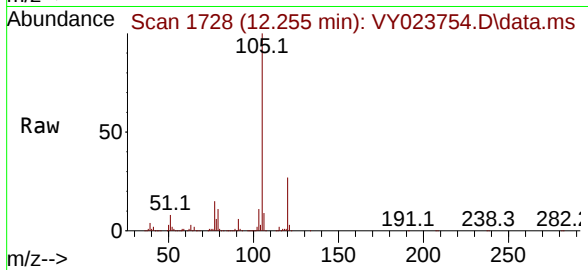
150 162.3 0.0 349.0





#73
Isopropylbenzene
Concen: 19.830 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

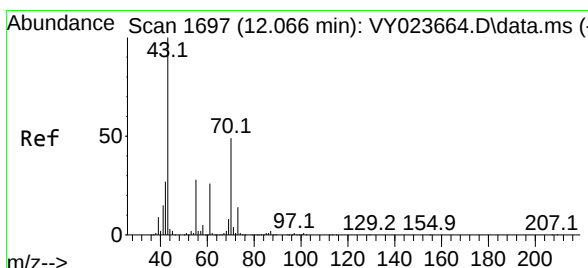
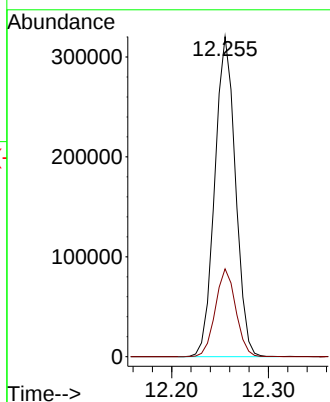
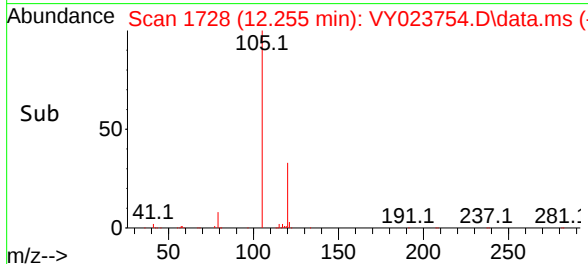
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



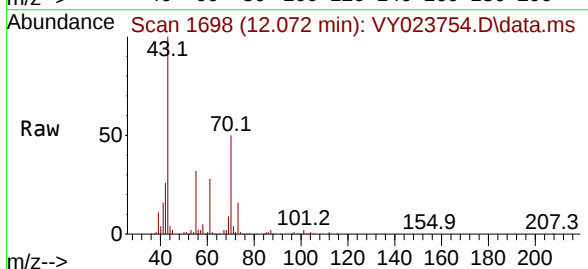
Tgt Ion:105 Resp: 475092
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7

Manual Integrations
APPROVED

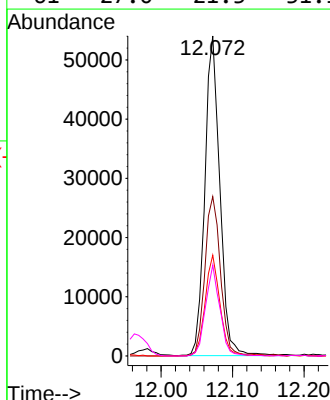
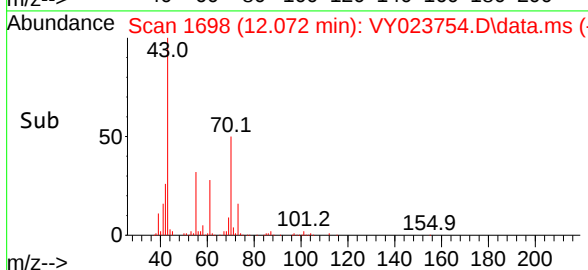
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

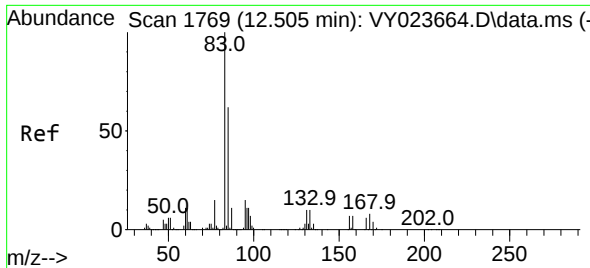


#74
N-ethyl acetate
Concen: 19.449 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



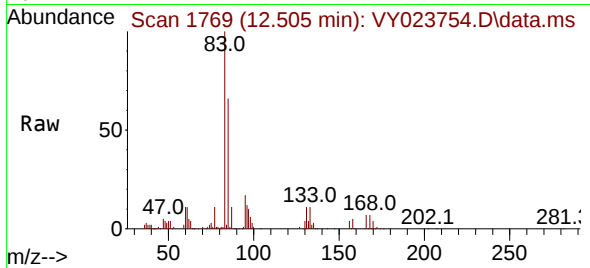
Tgt Ion: 43 Resp: 78890
Ion Ratio Lower Upper
43 100
70 52.0 40.1 60.1
55 31.0 23.0 34.6
61 27.0 21.3 31.9





#75
1,1,2,2-Tetrachloroethane
Concen: 19.739 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

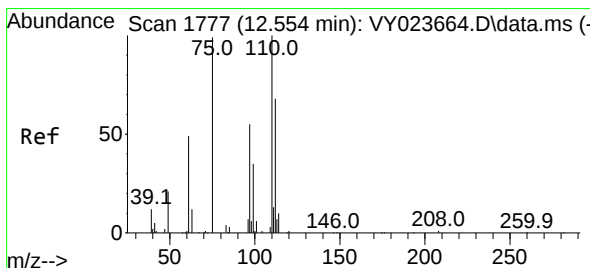
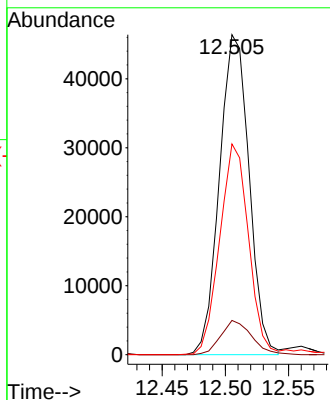
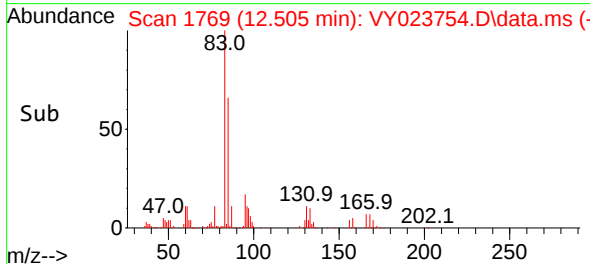
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



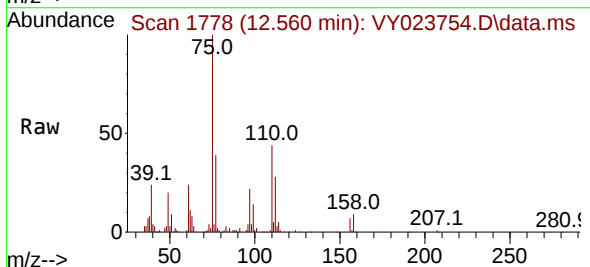
Tgt Ion: 83 Resp: 75530
Ion Ratio Lower Upper
83 100
131 11.2 5.7 17.0
85 65.6 31.9 95.7

Manual Integrations
APPROVED

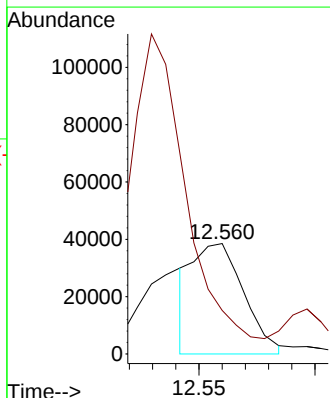
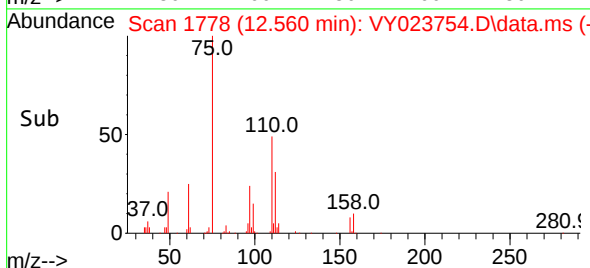
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

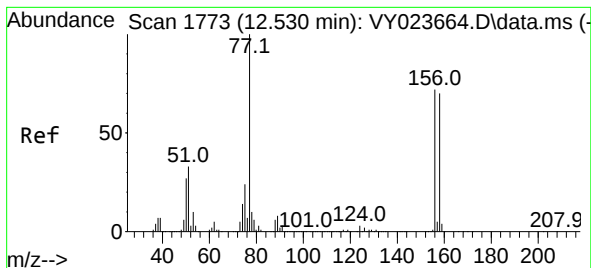


#76
1,2,3-Trichloropropane
Concen: 20.369 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



Tgt Ion: 75 Resp: 59053
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.601 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

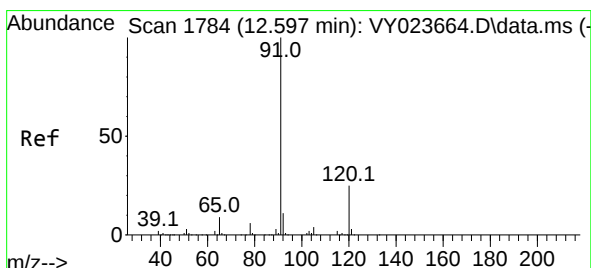
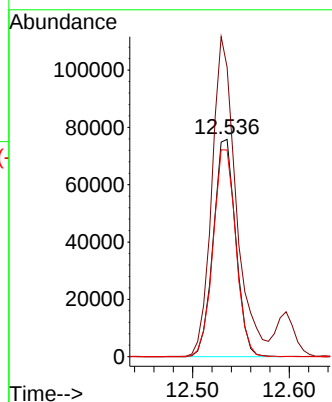
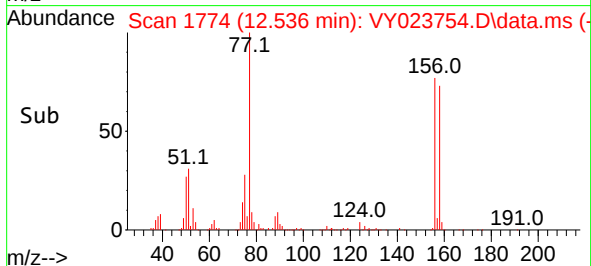
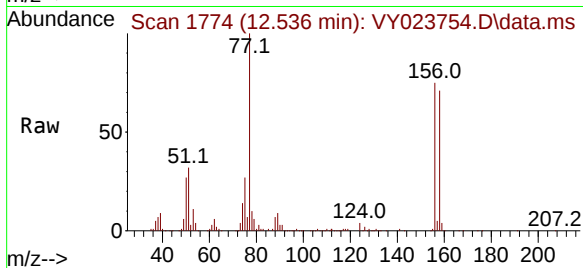
Tgt Ion:156 Resp: 121810
 Ion Ratio Lower Upper
 156 100
 77 159.8 77.9 233.7
 158 97.0 48.5 145.5

Manual Integrations

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Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#78

n-propylbenzene

Concen: 19.972 ug/l

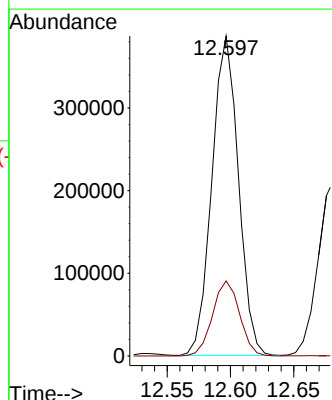
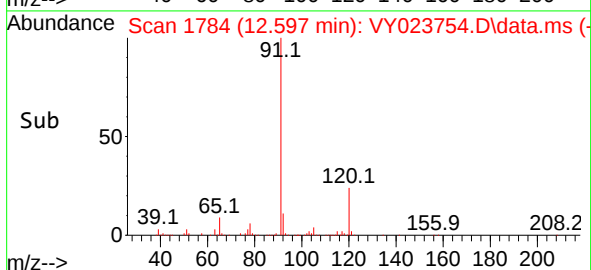
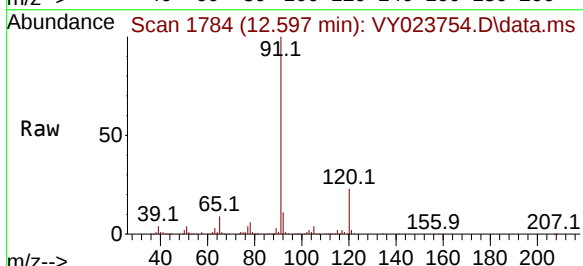
RT: 12.597 min Scan# 1784

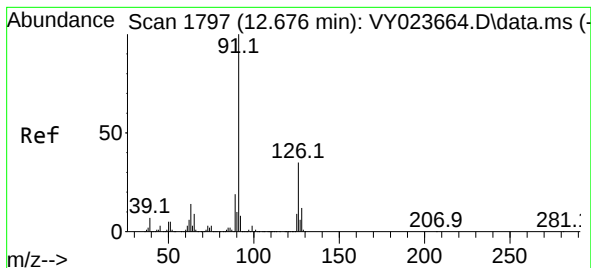
Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Tgt Ion: 91 Resp: 562853
 Ion Ratio Lower Upper
 91 100
 120 23.9 12.0 36.1





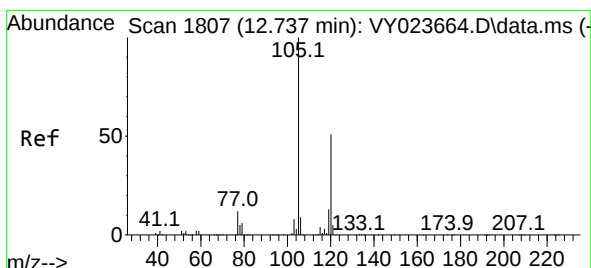
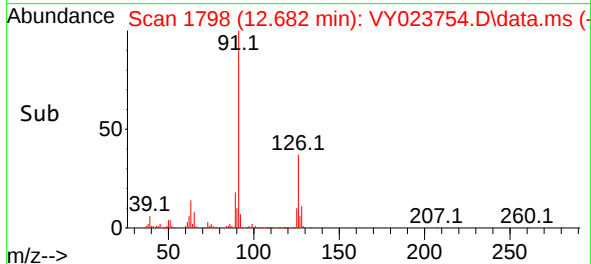
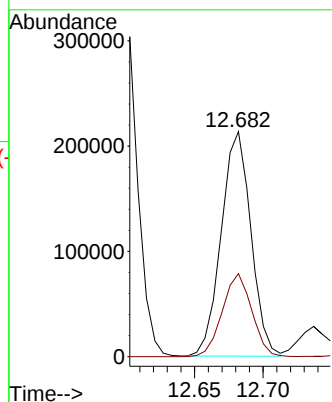
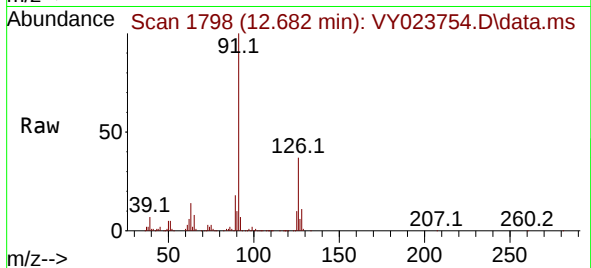
#79
2-Chlorotoluene
Concen: 19.698 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tgt Ion: 91 Resp: 322130
Ion Ratio Lower Upper
91 100
126 36.7 18.0 54.0

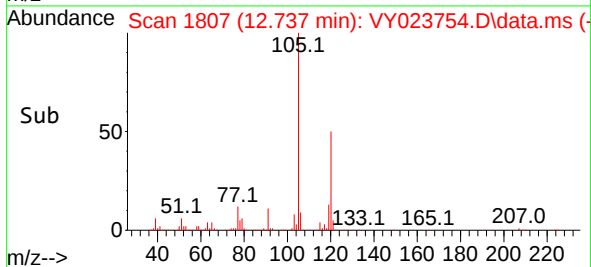
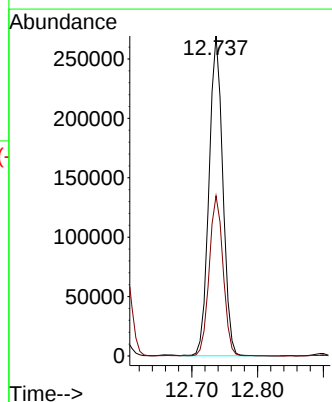
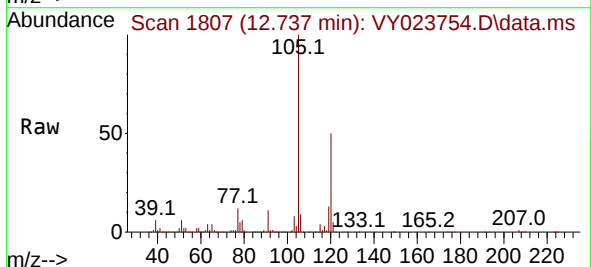
Manual Integrations
APPROVED

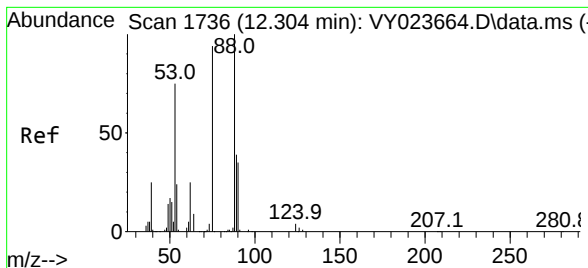
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.184 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

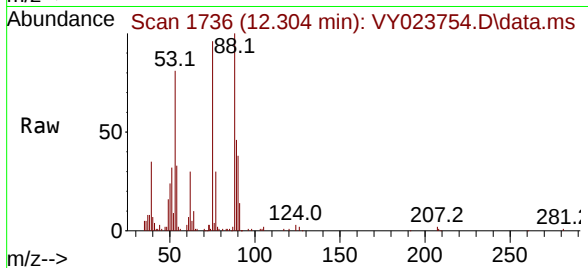
Tgt Ion:105 Resp: 392909
Ion Ratio Lower Upper
105 100
120 50.4 25.4 76.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.509 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

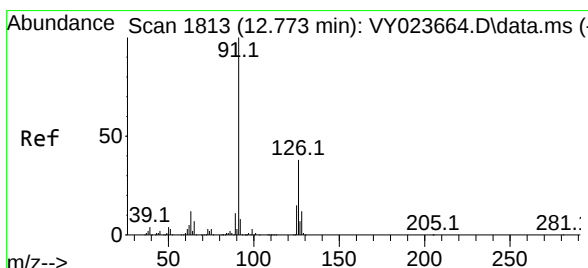
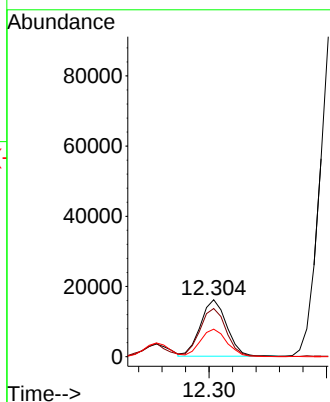
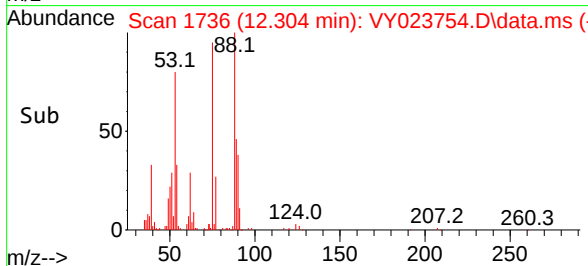
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



Tgt Ion: 75 Resp: 2502
Ion Ratio Lower Upper
75 100
53 86.4 69.6 104.4
89 49.0 38.2 57.4

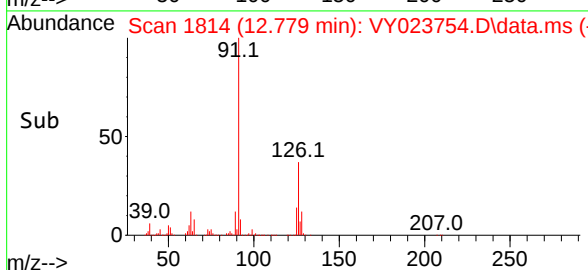
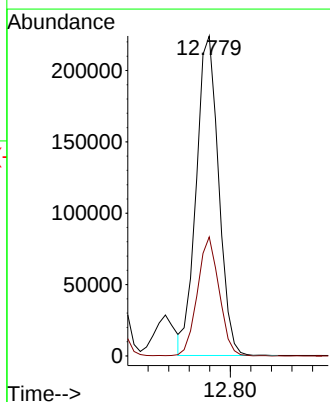
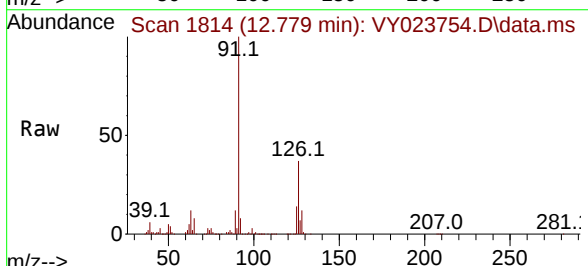
Manual Integrations
APPROVED

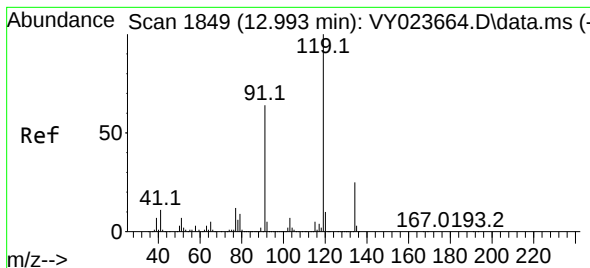
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#82
4-Chlorotoluene
Concen: 20.047 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

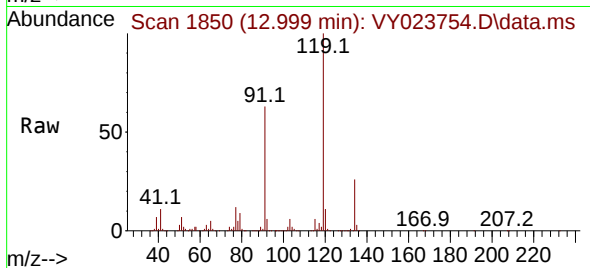
Tgt Ion: 91 Resp: 338093
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.4





#83
tert-Butylbenzene
Concen: 19.305 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

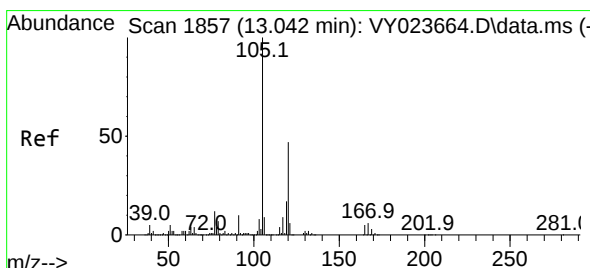
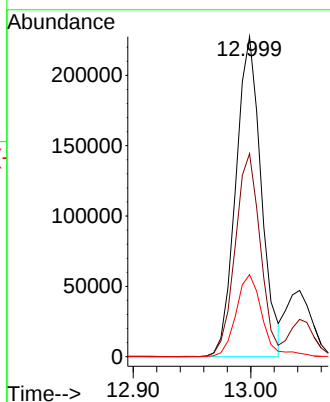
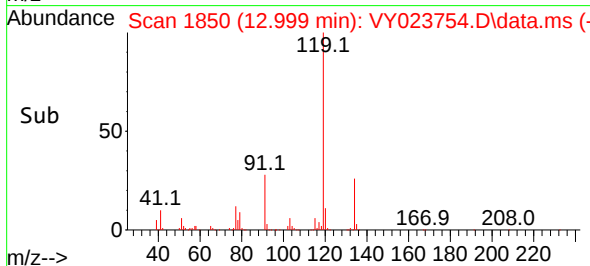
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



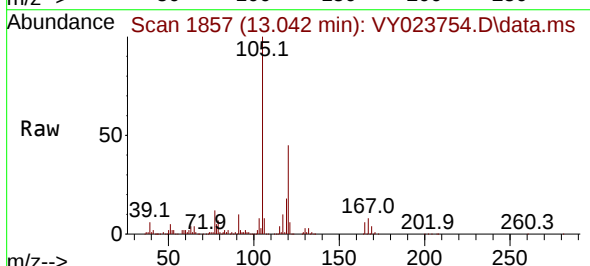
Tgt Ion:119 Resp: 342262
Ion Ratio Lower Upper
119 100
91 62.6 30.7 92.1
134 26.5 13.1 39.1

Manual Integrations
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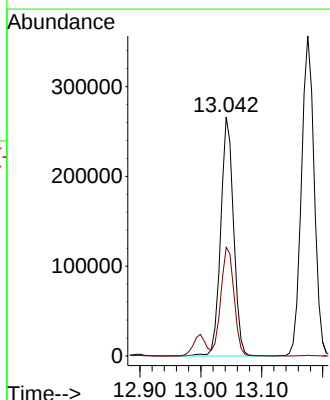
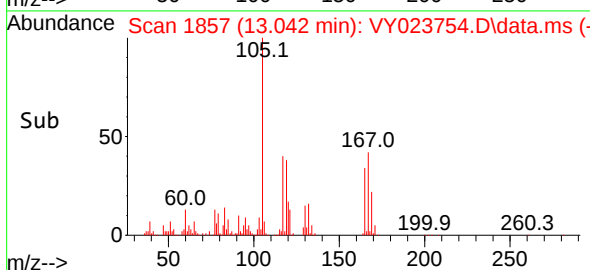
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

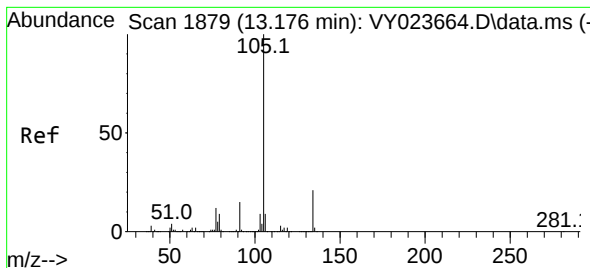


#84
1,2,4-Trimethylbenzene
Concen: 20.249 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



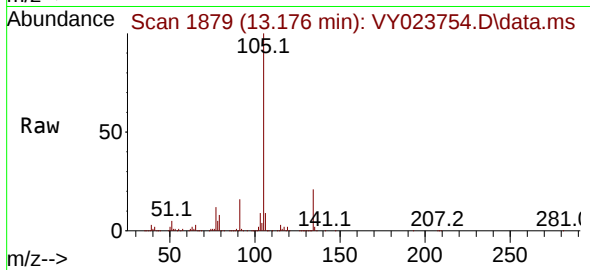
Tgt Ion:105 Resp: 390413
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 20.215 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023754.D
 Acq: 12 Nov 2025 11:04

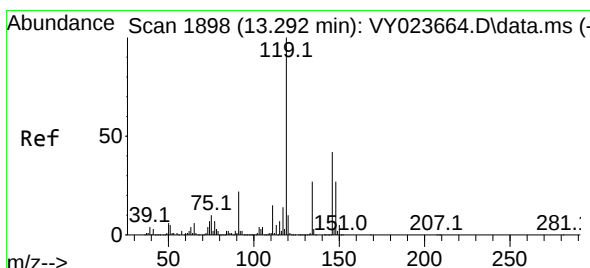
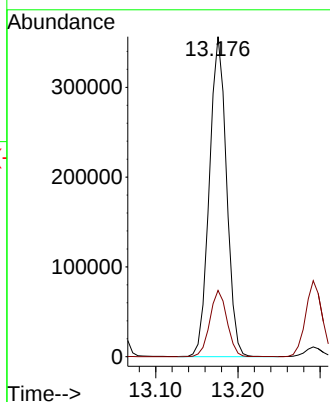
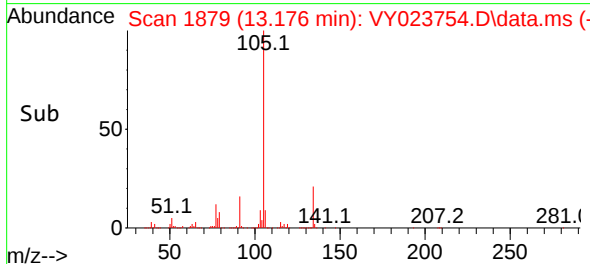
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01



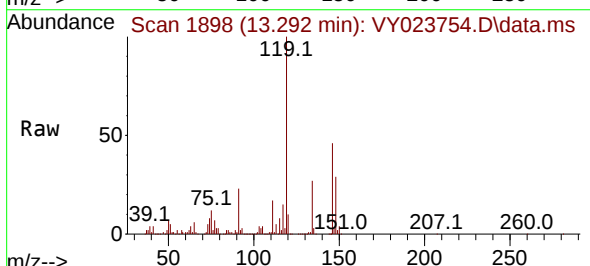
Tgt Ion:105 Resp: 51694
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.4

Manual Integrations
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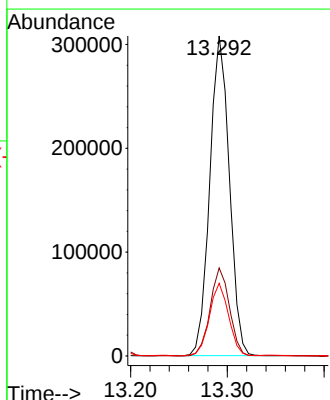
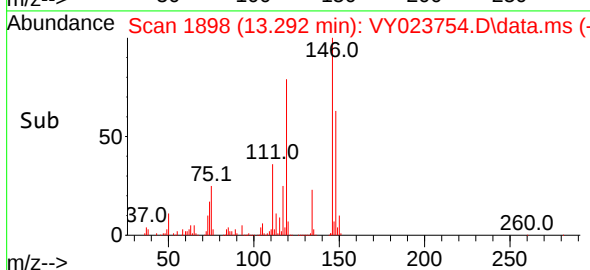
Reviewed By :Amit Patel 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

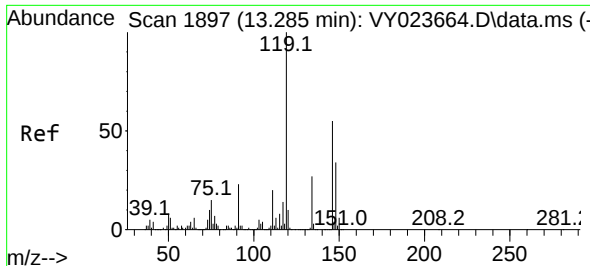


#86
 p-Isopropyltoluene
 Concen: 19.966 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023754.D
 Acq: 12 Nov 2025 11:04



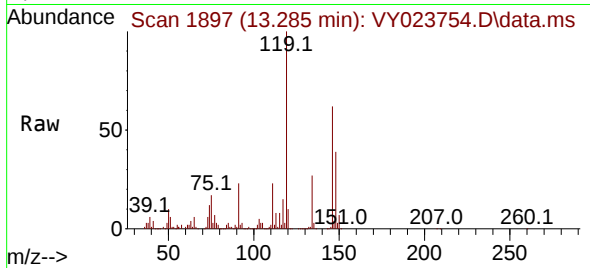
Tgt Ion:119 Resp: 432225
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 22.3 11.1 33.1





#87
1,3-Dichlorobenzene
Concen: 19.357 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

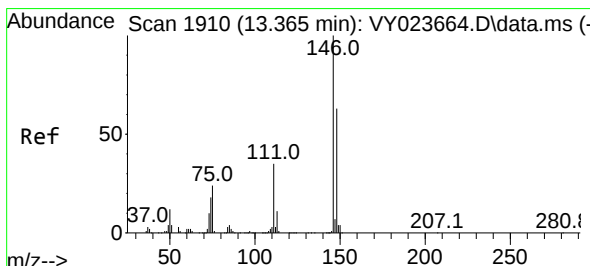
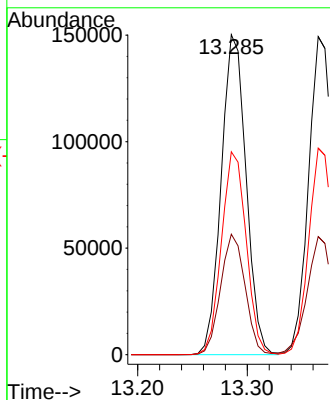
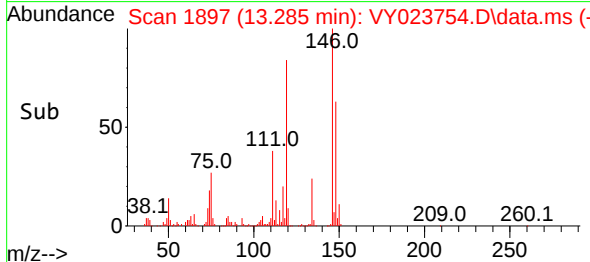
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



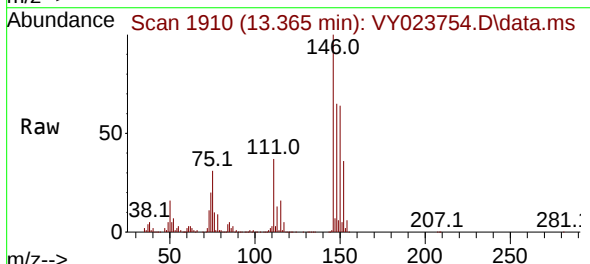
Tgt Ion:146 Resp: 23676
Ion Ratio Lower Upper
146 100
111 37.1 18.8 56.3
148 63.1 31.9 95.5

Manual Integrations
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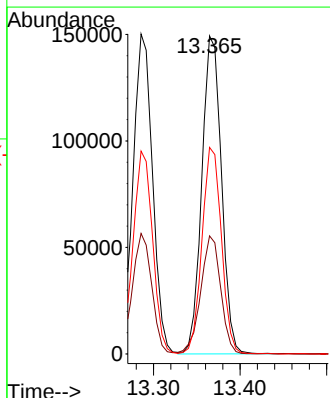
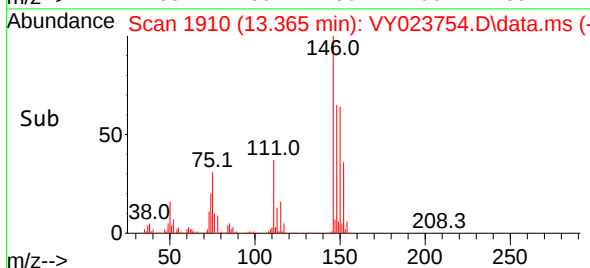
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

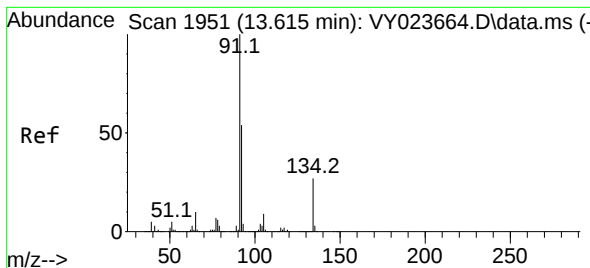


#88
1,4-Dichlorobenzene
Concen: 19.566 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



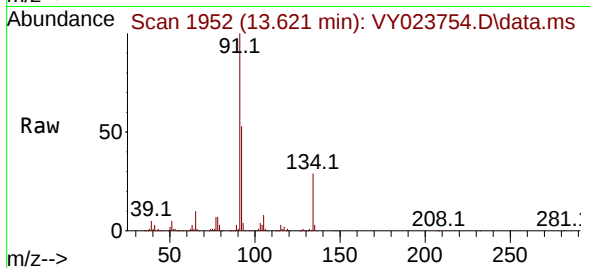
Tgt Ion:146 Resp: 235098
Ion Ratio Lower Upper
146 100
111 37.7 18.3 54.8
148 64.2 31.8 95.3





#89
n-Butylbenzene
Concen: 19.703 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

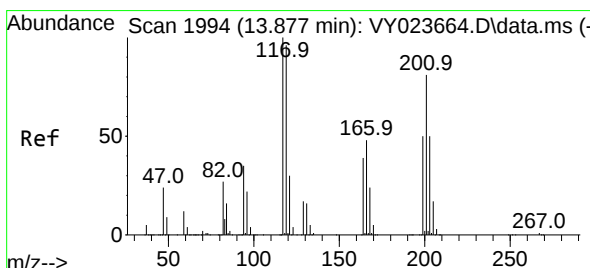
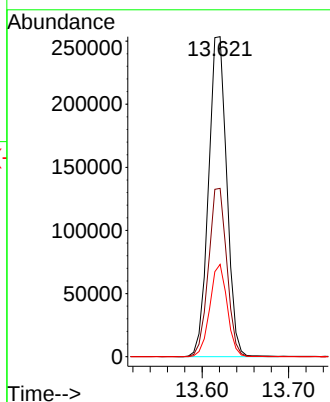
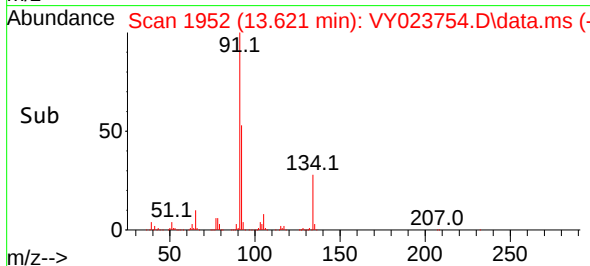
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



Tgt Ion: 91 Resp: 37088
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.4
134 27.5 13.7 41.1

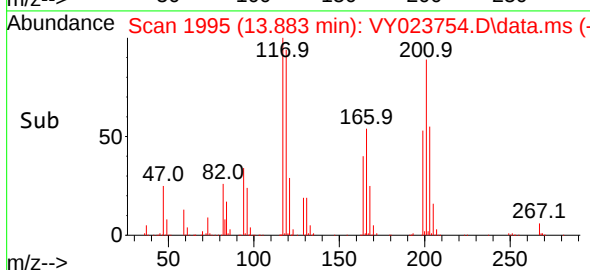
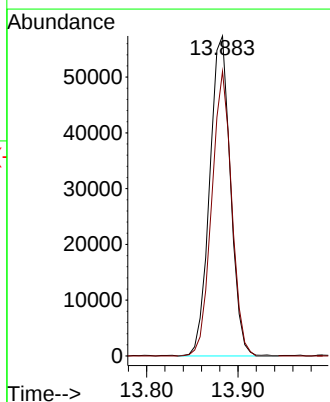
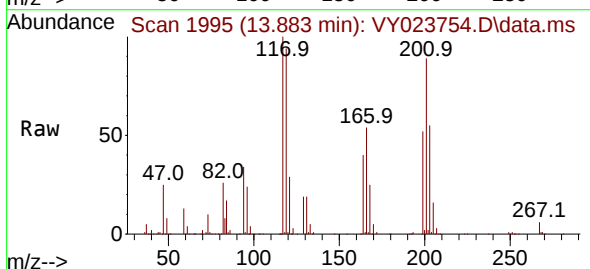
Manual Integrations
APPROVED

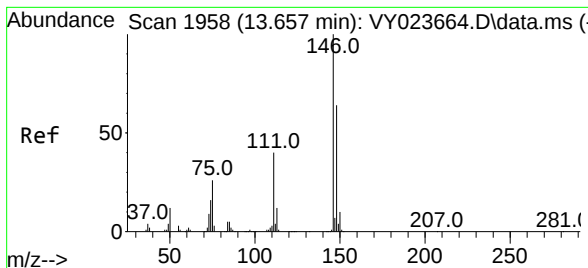
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#90
Hexachloroethane
Concen: 19.454 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

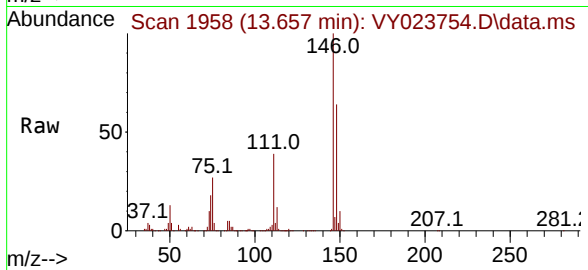
Tgt Ion:117 Resp: 90499
Ion Ratio Lower Upper
117 100
201 85.3 42.3 126.8





#91
1,2-Dichlorobenzene
Concen: 19.620 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04

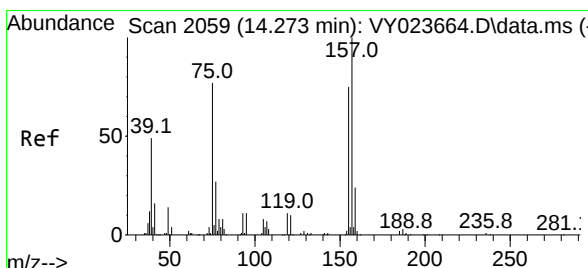
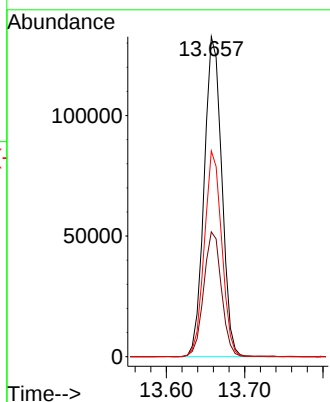
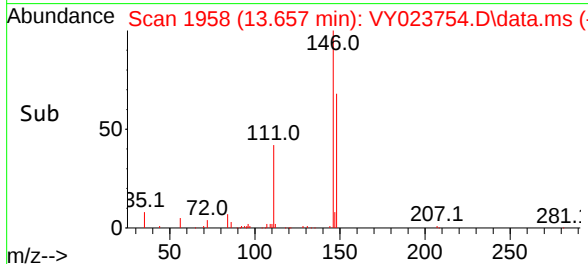
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01



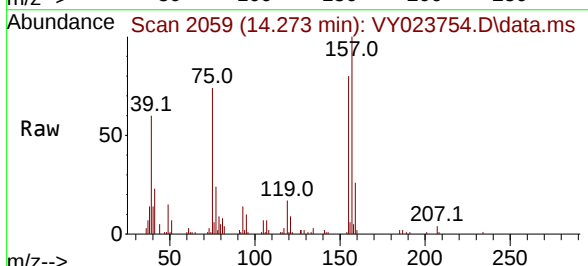
Tgt Ion:146 Resp: 206810
Ion Ratio Lower Upper
146 100
111 39.2 19.5 58.5
148 63.5 31.9 95.9

Manual Integrations
APPROVED

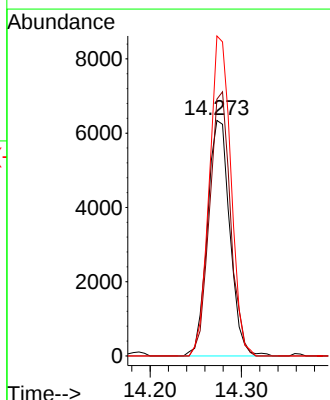
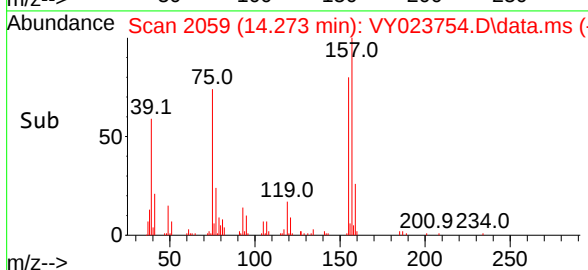
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

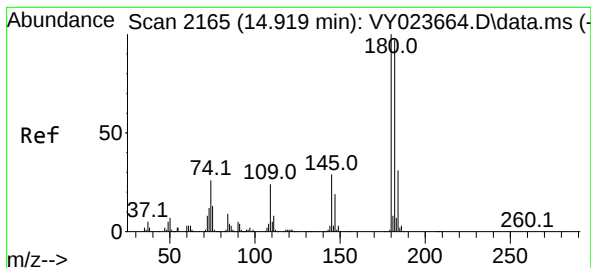


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.334 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023754.D
Acq: 12 Nov 2025 11:04



Tgt Ion: 75 Resp: 10802
Ion Ratio Lower Upper
75 100
155 105.1 49.4 148.2
157 130.4 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 18.724 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

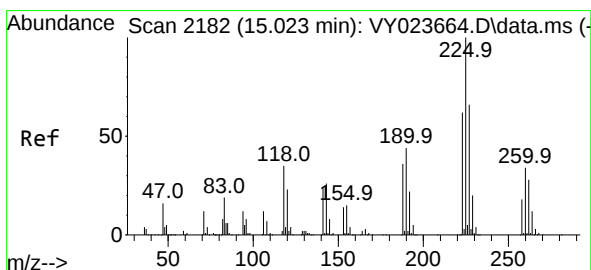
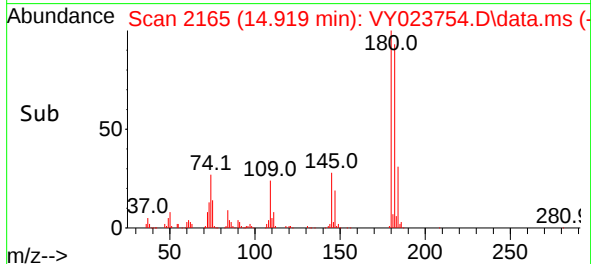
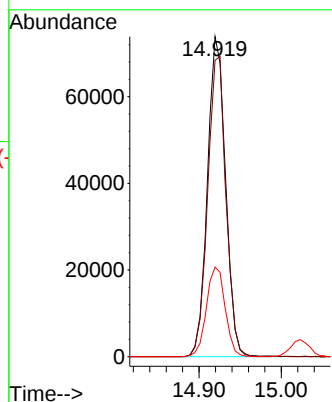
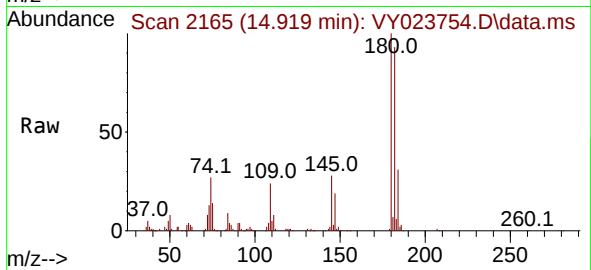
Tgt Ion:180	Resp: 11289
Ion Ratio	Lower Upper
180 100	
182 95.0	47.5 142.6
145 29.0	14.4 43.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#94

Hexachlorobutadiene

Concen: 18.905 ug/l

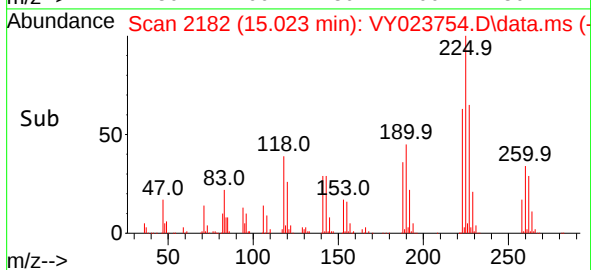
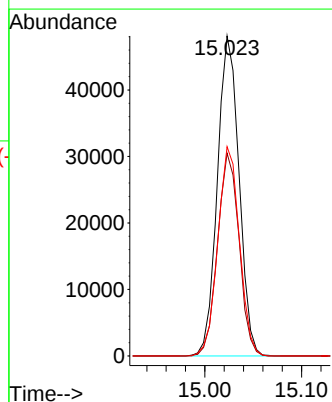
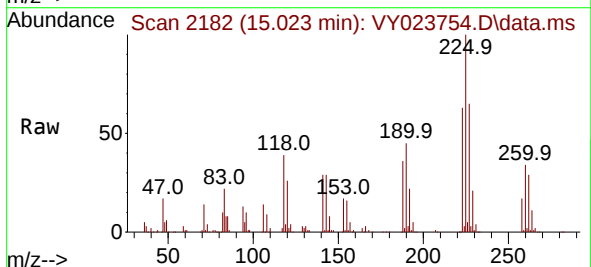
RT: 15.023 min Scan# 2182

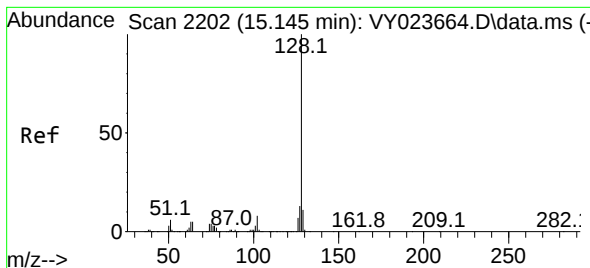
Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Tgt Ion:225	Resp: 74687
Ion Ratio	Lower Upper
225 100	
223 62.9	30.8 92.3
227 65.3	32.0 96.2





#95

Naphthalene

Concen: 19.235 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tgt Ion:128 Resp: 164618

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

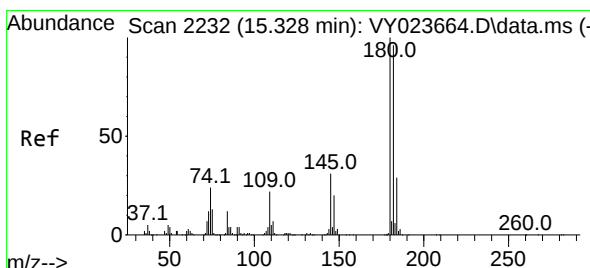
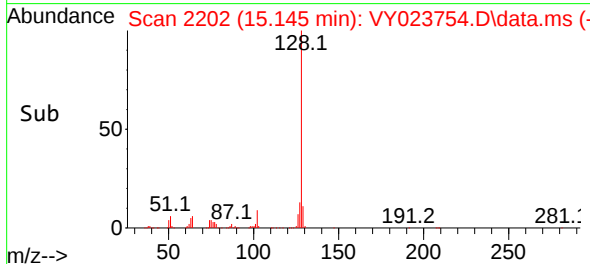
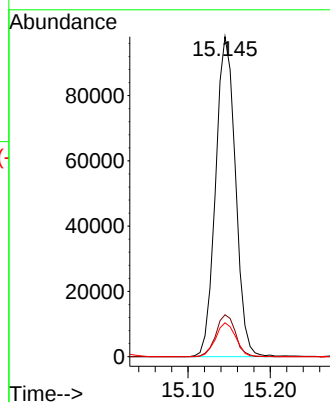
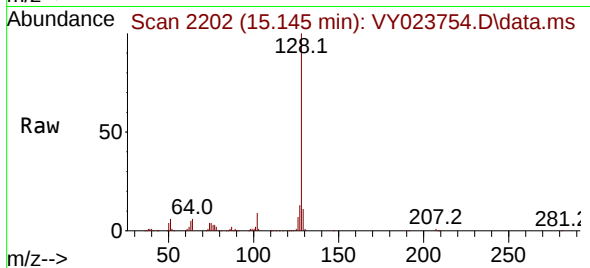
129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.028 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023754.D

Acq: 12 Nov 2025 11:04

Tgt Ion:180 Resp: 95857

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.6

145 30.4 15.5 46.5

