

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
 Data File : VY023666.D
 Acq On : 04 Nov 2025 11:27
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:30:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:24:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	621042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	901916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	790988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	391606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	757684	143.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 286.060%#			
35) Dibromofluoromethane	7.634	113	832527	147.706	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 295.420%#			
50) Toluene-d8	10.109	98	3136015	149.364	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 298.720%#			
62) 4-Bromofluorobenzene	12.402	95	1040552	153.250	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 306.500%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	496440	121.776	ug/l	99
3) Chloromethane	2.068	50	712373	124.873	ug/l	99
4) Vinyl Chloride	2.208	62	946660	127.526	ug/l	99
5) Bromomethane	2.586	94	814598	130.454	ug/l	99
6) Chloroethane	2.733	64	660222	128.682	ug/l	99
7) Trichlorofluoromethane	3.056	101	1409197	134.789	ug/l	99
8) Diethyl Ether	3.452	74	408901	145.847	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	772147	134.049	ug/l	100
10) Methyl Iodide	4.007	142	993484	146.059	ug/l	99
11) Tert butyl alcohol	4.860	59	249226	729.606	ug/l	98
12) 1,1-Dichloroethene	3.787	96	780521	140.665	ug/l	99
13) Acrolein	3.653	56	304058	692.535	ug/l	99
14) Allyl chloride	4.385	41	1016094	150.446	ug/l	98
15) Acrylonitrile	5.055	53	824786	769.798	ug/l	99
16) Acetone	3.866	43	947595	719.612	ug/l	99
17) Carbon Disulfide	4.104	76	2304859	135.337	ug/l	100
18) Methyl Acetate	4.385	43	405494	139.609	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	2032527	157.970	ug/l	99
20) Methylene Chloride	4.616	84	813039	127.899	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	892080	142.587	ug/l	95
22) Diisopropyl ether	6.019	45	2264384	150.464	ug/l	98
23) Vinyl Acetate	5.958	43	6576961	818.950	ug/l	99
24) 1,1-Dichloroethane	5.915	63	1415798	141.217	ug/l	99
25) 2-Butanone	6.896	43	1180801	775.579	ug/l	99
26) 2,2-Dichloropropane	6.884	77	1319960	143.128	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	1051376	147.141	ug/l	99
28) Bromochloromethane	7.244	49	519064	135.216	ug/l	99
29) Tetrahydrofuran	7.262	42	655805	808.815	ug/l	99
30) Chloroform	7.421	83	1551090	138.663	ug/l	99
31) Cyclohexane	7.701	56	1230432	140.926	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	1402944	140.327	ug/l	99
36) 1,1-Dichloropropene	7.835	75	1096950	145.645	ug/l	99
37) Ethyl Acetate	6.982	43	465489	159.651	ug/l	99
38) Carbon Tetrachloride	7.817	117	1279569	144.193	ug/l	99
39) Methylcyclohexane	9.109	83	1522789	158.237	ug/l	99
40) Benzene	8.079	78	3423551	144.208	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	270053	173.645	ug/l	93
42) 1,2-Dichloroethane	8.158	62	864999	144.018	ug/l	99
43) Isopropyl Acetate	8.195	43	915445	167.105	ug/l	100
44) Trichloroethene	8.866	130	968647	142.056	ug/l	100
45) 1,2-Dichloropropane	9.140	63	765153	146.035	ug/l	98
46) Dibromomethane	9.231	93	477241	147.004	ug/l	99
47) Bromodichloromethane	9.420	83	1193540	145.820	ug/l	100
48) Methyl methacrylate	9.219	41	456960	176.551	ug/l	99
49) 1,4-Dioxane	9.225	88	110006	3311.077	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	2437010	836.491	ug/l	100
52) Toluene	10.170	92	2278105	150.304	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	1101094	158.988	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	1281333	154.422	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	637615	146.967	ug/l	98
56) Ethyl methacrylate	10.438	69	873314	182.696	ug/l	99
57) 1,3-Dichloropropane	10.719	76	1018360	147.983	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	1973993	899.933	ug/l	99
59) 2-Hexanone	10.762	43	1802207	847.892	ug/l	99
60) Dibromochloromethane	10.914	129	889783	149.265	ug/l	99
61) 1,2-Dibromoethane	11.012	107	612102	150.335	ug/l	100
64) Tetrachloroethene	10.646	164	1096726	133.211	ug/l	98
65) Chlorobenzene	11.438	112	2508744	145.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	891788	146.458	ug/l	99
67) Ethyl Benzene	11.518	91	4316877	154.896	ug/l	100
68) m/p-Xylenes	11.627	106	3451849	310.002	ug/l	99
69) o-Xylene	11.957	106	1640734	159.402	ug/l	100
70) Styrene	11.969	104	2716949	159.981	ug/l	99
71) Bromoform	12.133	173	548567	154.254	ug/l	100
73) Isopropylbenzene	12.255	105	4137095	157.957	ug/l	99
74) N-amyl acetate	12.066	43	819575	184.824	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	662143	158.291	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	459716m	145.052	ug/l	
77) Bromobenzene	12.530	156	1039954	153.073	ug/l	98
78) n-propylbenzene	12.591	91	4789010	155.449	ug/l	99
79) 2-Chlorotoluene	12.676	91	2739475	153.238	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	3356489	157.728	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	230746	164.538	ug/l	98
82) 4-Chlorotoluene	12.773	91	2799224	151.827	ug/l	99
83) tert-Butylbenzene	12.993	119	3140967	162.060	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	3343184	158.616	ug/l	99
85) sec-Butylbenzene	13.176	105	4372346	156.408	ug/l	99
86) p-Isopropyltoluene	13.292	119	3826970	161.714	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	2007587	150.136	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	1914429	145.749	ug/l	99
89) n-Butylbenzene	13.615	91	3341239	162.367	ug/l	98
90) Hexachloroethane	13.877	117	761235	149.685	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	1711163	148.493	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	101448	157.511	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	1108704	168.205	ug/l	99
94) Hexachlorobutadiene	15.023	225	641847	148.620	ug/l	99
95) Naphthalene	15.139	128	1891291	152.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	929367	168.759	ug/l	100

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

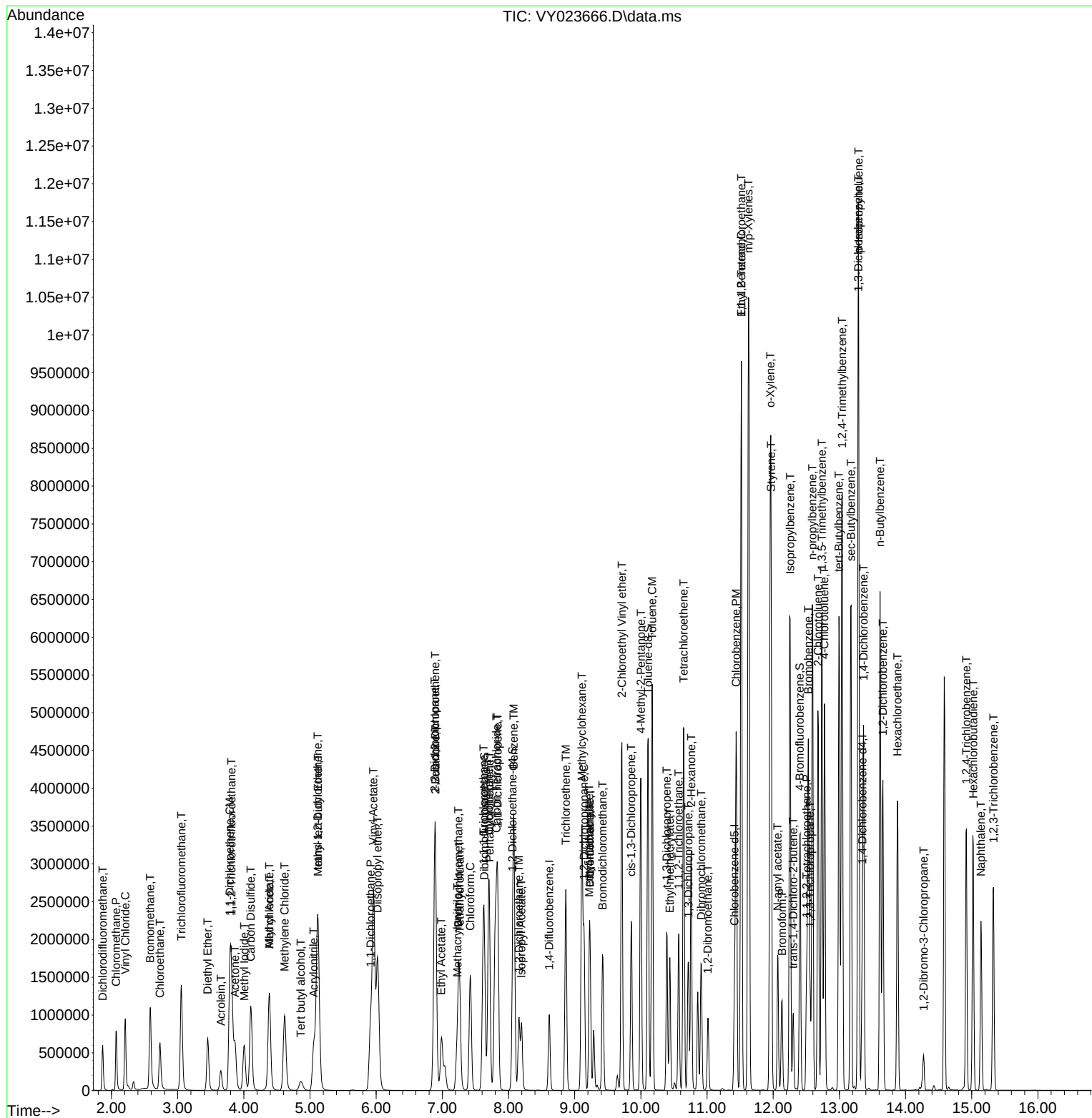
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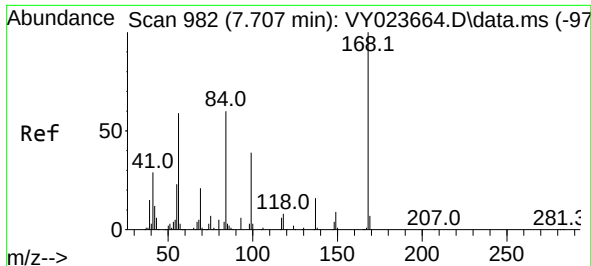
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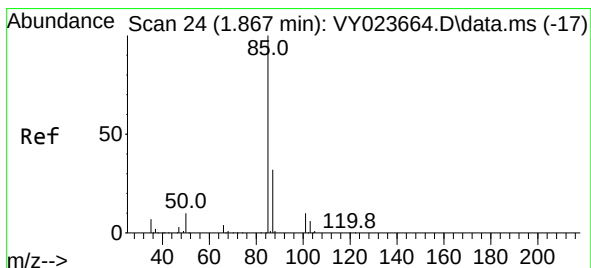
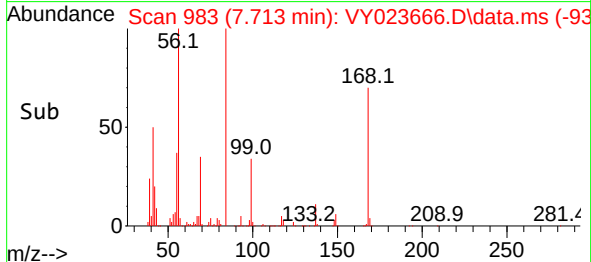
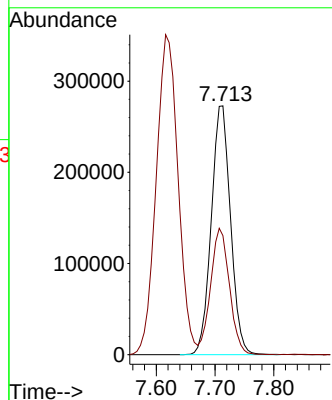
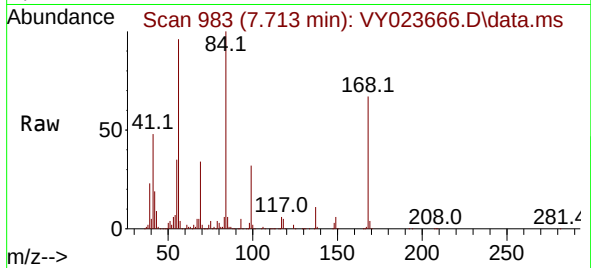
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023666.D
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Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 62104
Ion Ratio Lower Upper
168 100
99 47.8 41.0 61.4

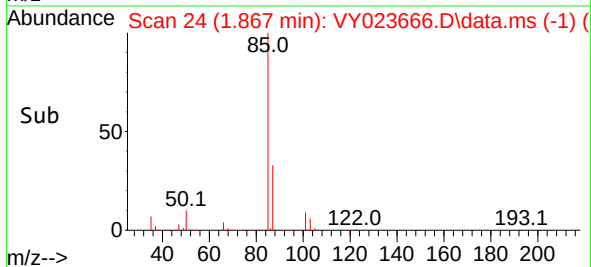
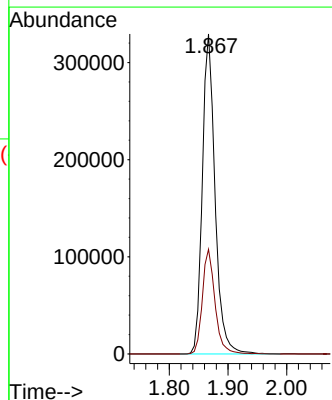
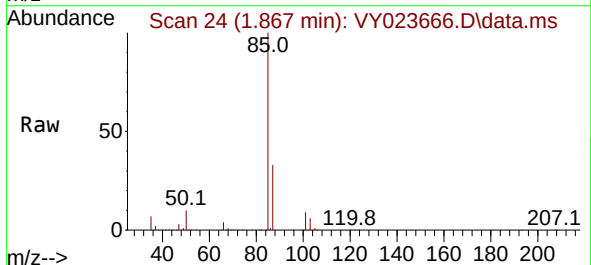
Manual Integrations
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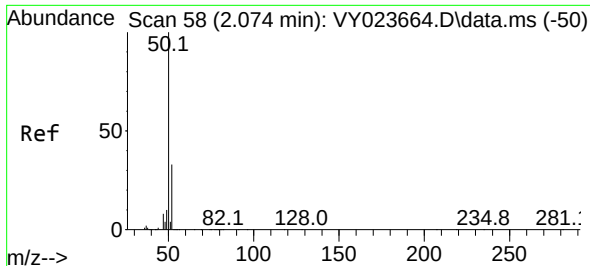
Reviewed By :Amit Patel 11/05/2025
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#2
Dichlorodifluoromethane
Concen: 121.776 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

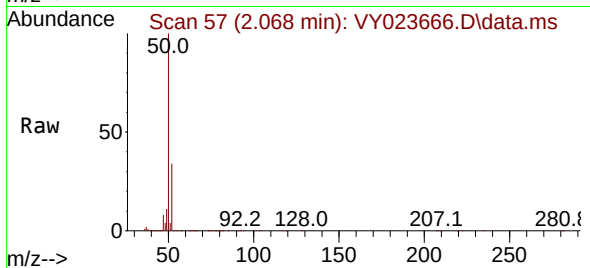
Tgt Ion: 85 Resp: 496440
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6





#3
Chloromethane
Concen: 124.873 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

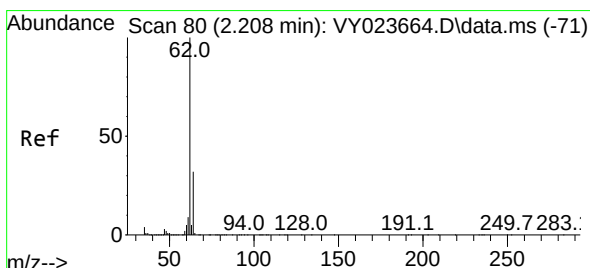
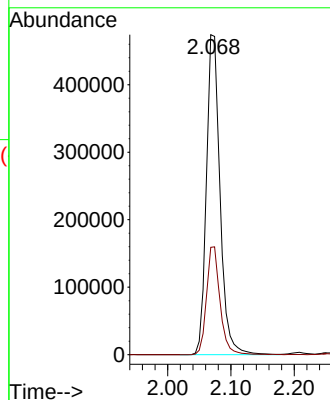
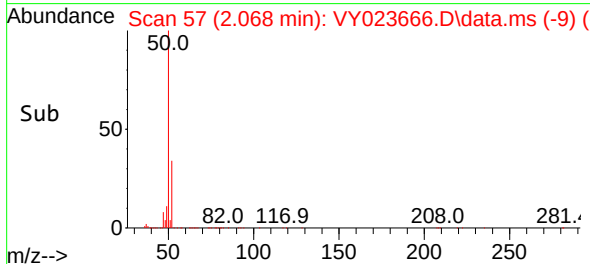
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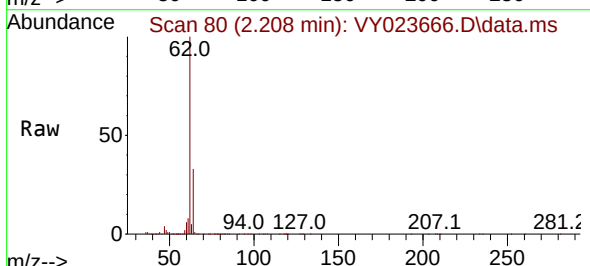
Tgt Ion: 50 Resp: 71237
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7

Manual Integrations
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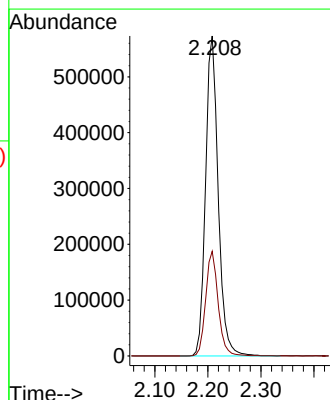
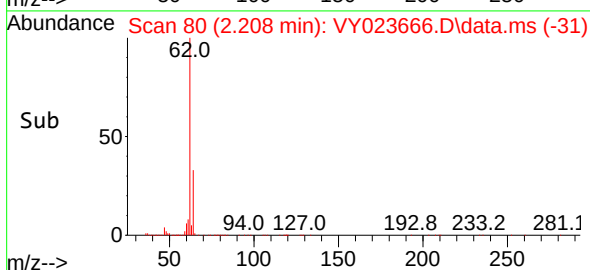
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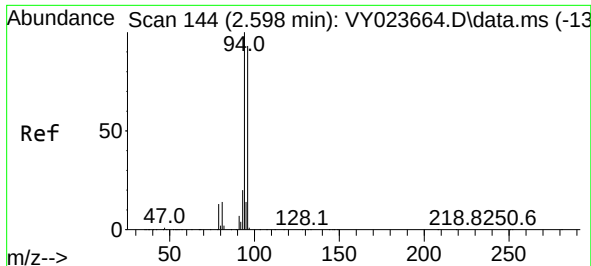


#4
Vinyl Chloride
Concen: 127.526 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



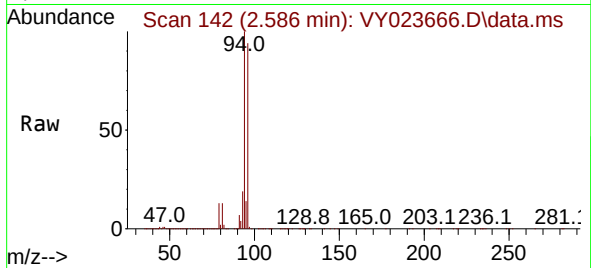
Tgt Ion: 62 Resp: 946660
Ion Ratio Lower Upper
62 100
64 32.7 25.7 38.5





#5
Bromomethane
Concen: 130.454 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

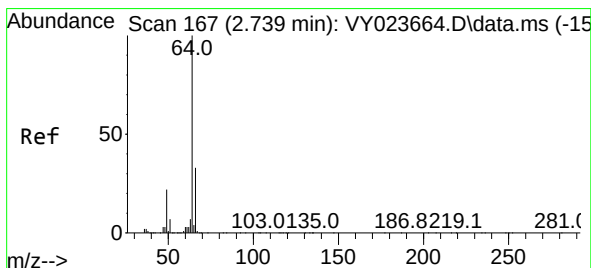
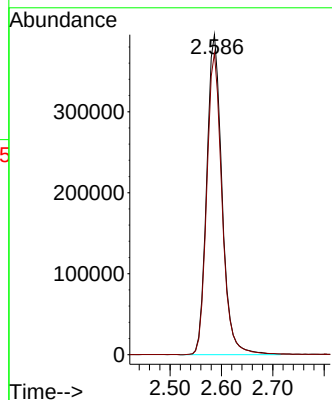
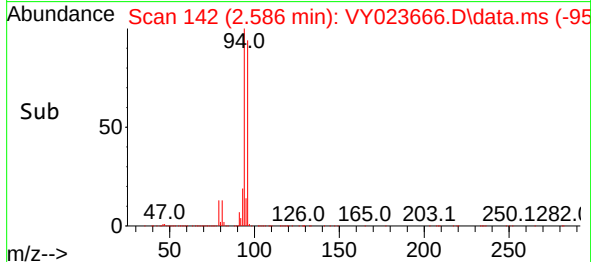
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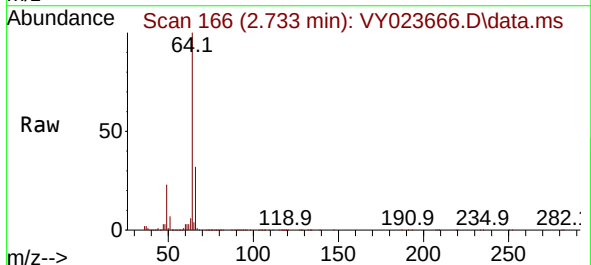
Tgt Ion: 94 Resp: 814598
Ion Ratio Lower Upper
94 100
96 94.3 74.4 111.6

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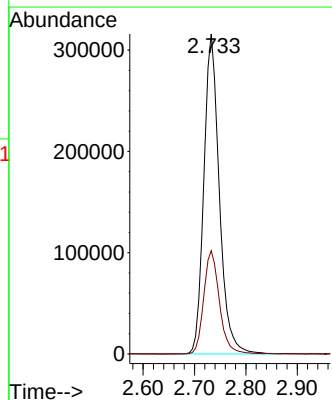
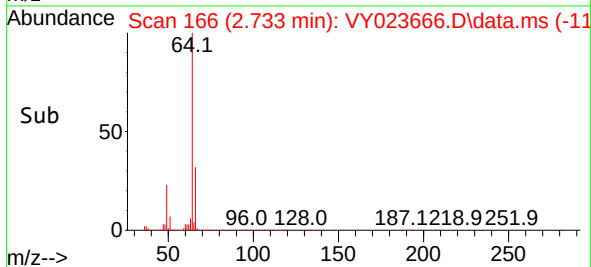
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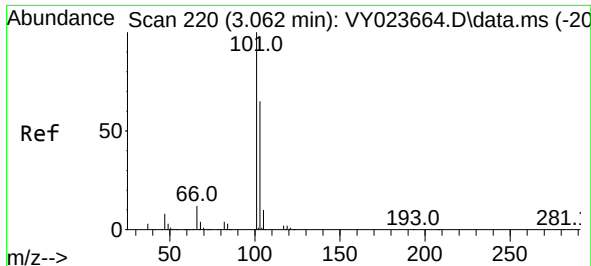


#6
Chloroethane
Concen: 128.682 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
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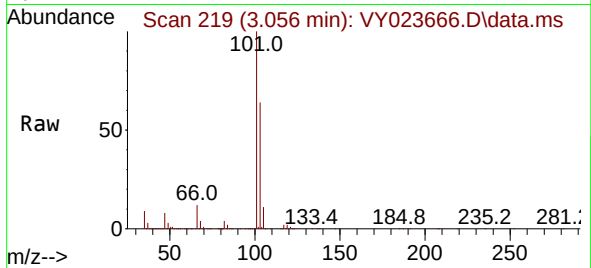
Tgt Ion: 64 Resp: 660222
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 134.789 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY023666.D
 Acq: 04 Nov 2025 11:27

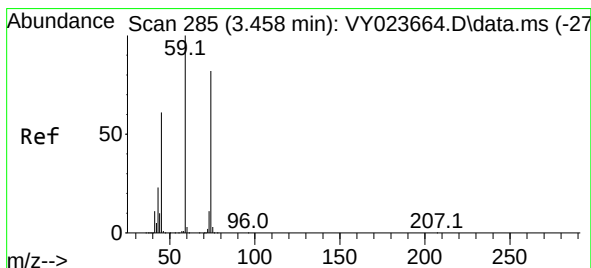
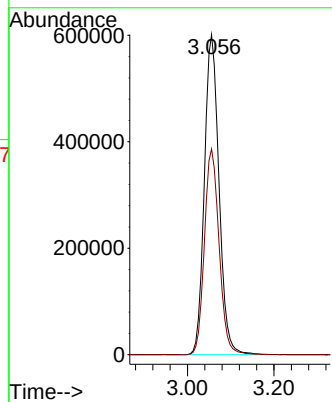
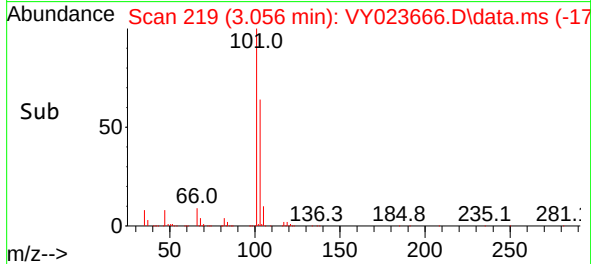
Instrument :
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Tgt Ion:101 Resp: 140919
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.1 78.1

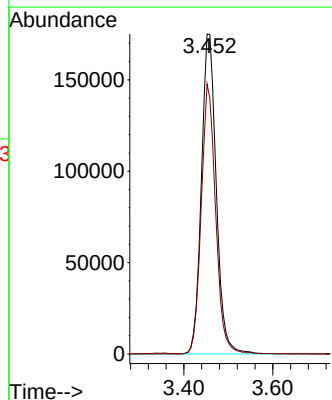
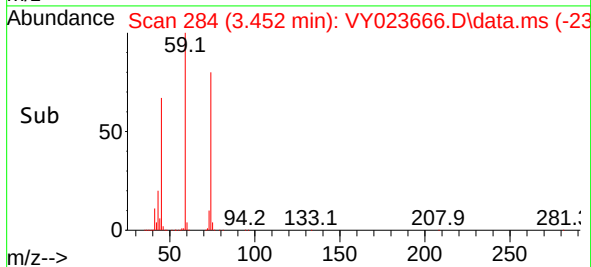
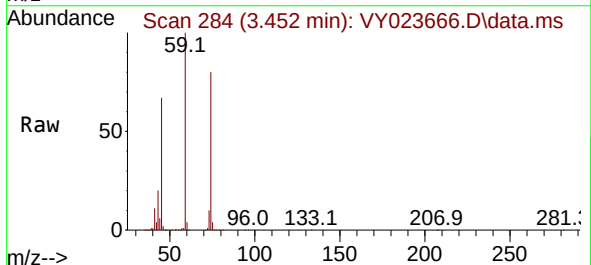
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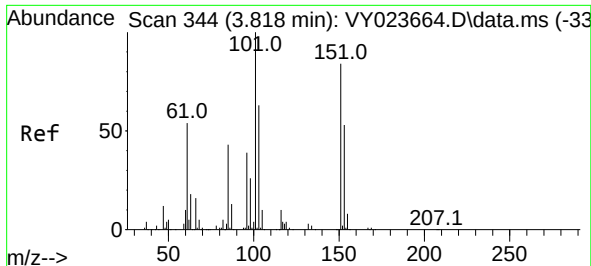
Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025



#8
 Diethyl Ether
 Concen: 145.847 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY023666.D
 Acq: 04 Nov 2025 11:27

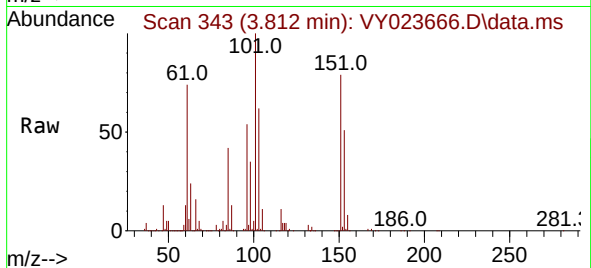
Tgt Ion: 74 Resp: 408901
 Ion Ratio Lower Upper
 74 100
 45 81.4 40.6 121.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 134.049 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

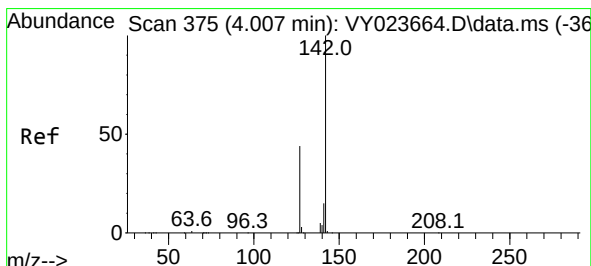
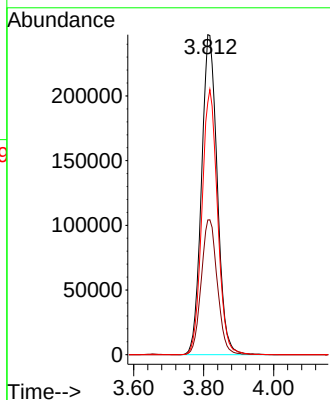
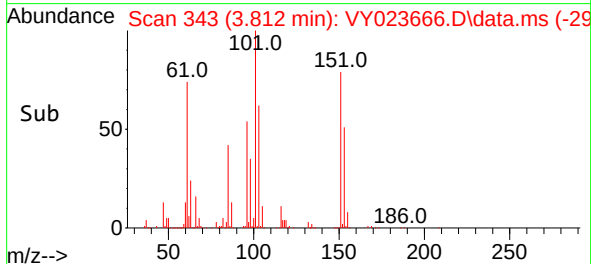
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



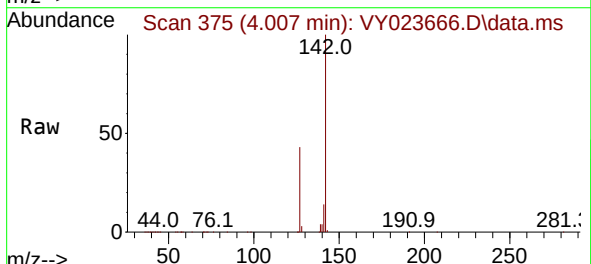
Tgt Ion:101 Resp: 77214
Ion Ratio Lower Upper
101 100
85 43.0 34.4 51.6
151 82.3 65.6 98.4

Manual Integrations
APPROVED

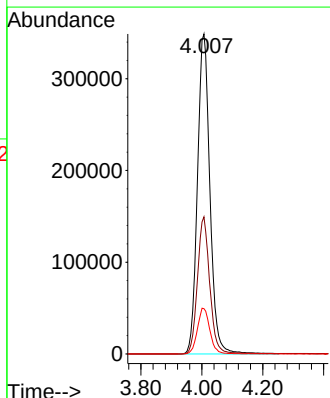
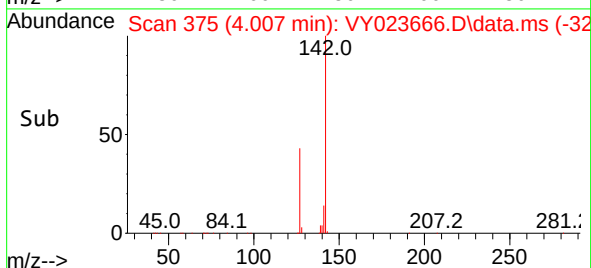
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

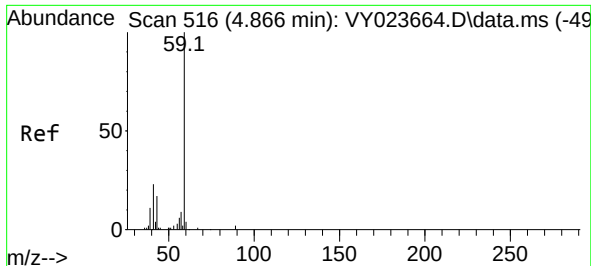


#10
Methyl Iodide
Concen: 146.059 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



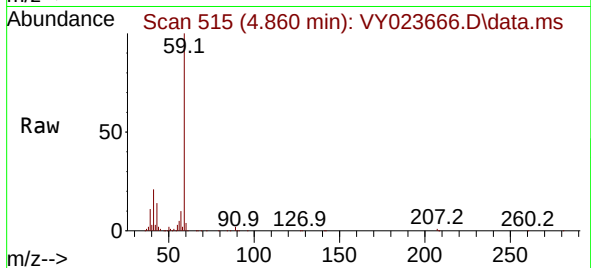
Tgt Ion:142 Resp: 993484
Ion Ratio Lower Upper
142 100
127 42.2 34.6 51.8
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 729.606 ug/l
RT: 4.860 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

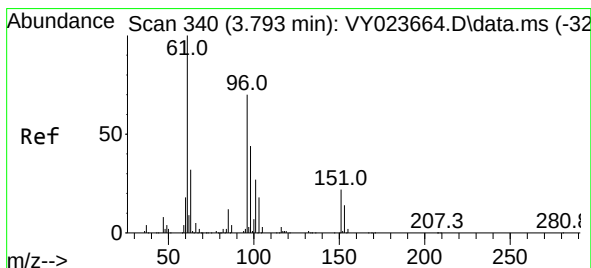
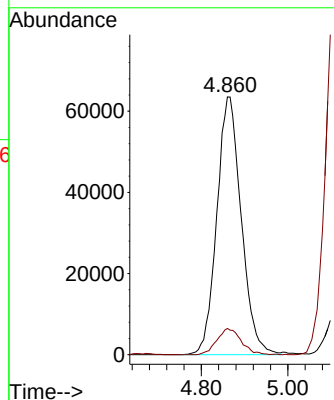
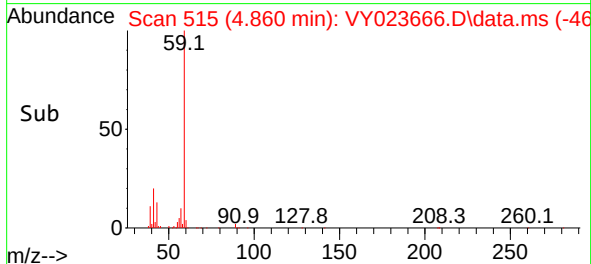
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



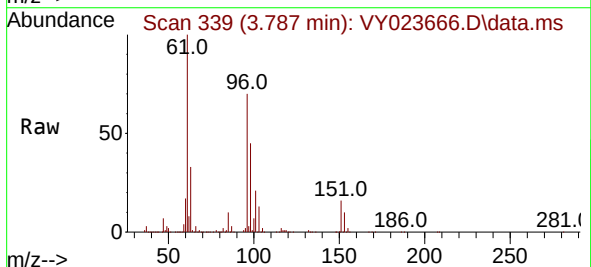
Tgt Ion: 59 Resp: 249220
Ion Ratio Lower Upper
59 100
57 10.1 7.4 11.2

Manual Integrations
APPROVED

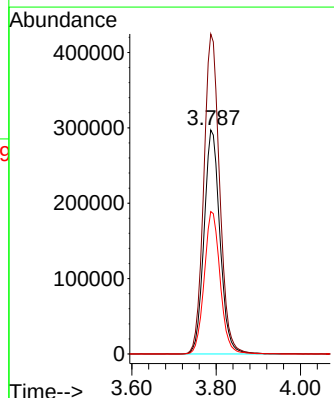
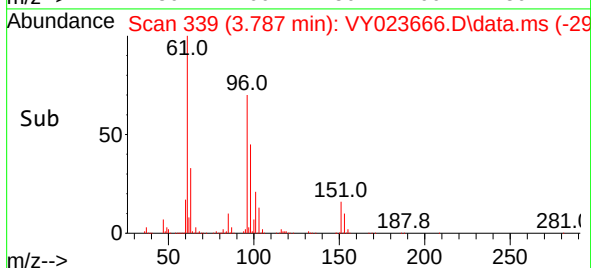
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

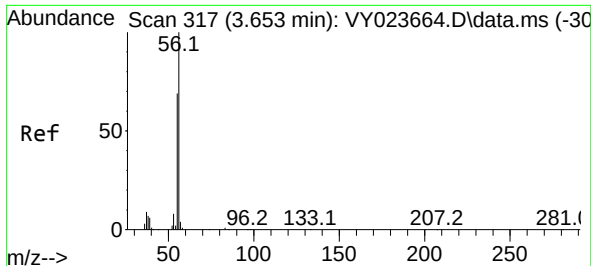


#12
1,1-Dichloroethene
Concen: 140.665 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



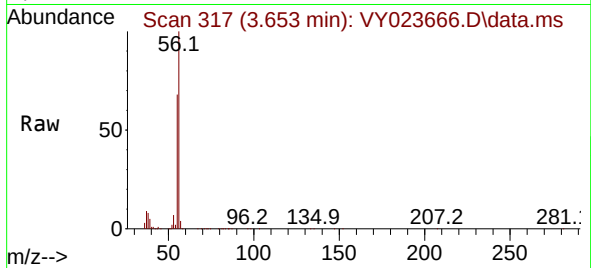
Tgt Ion: 96 Resp: 780521
Ion Ratio Lower Upper
96 100
61 142.9 114.0 171.0
98 63.6 50.2 75.2





#13
Acrolein
Concen: 692.535 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

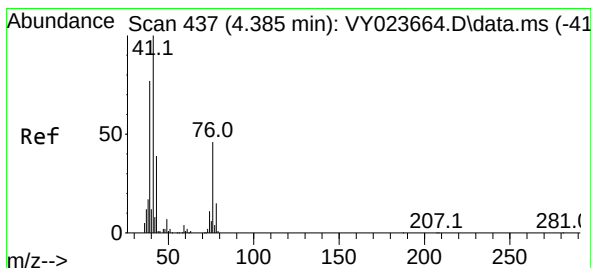
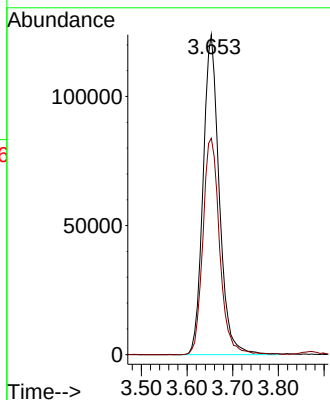
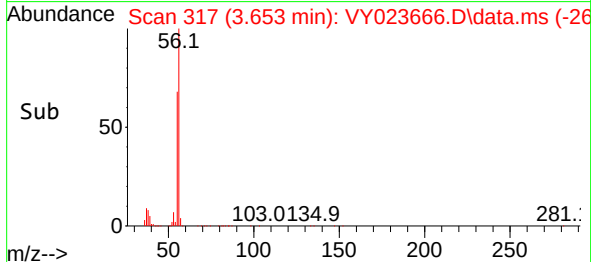
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



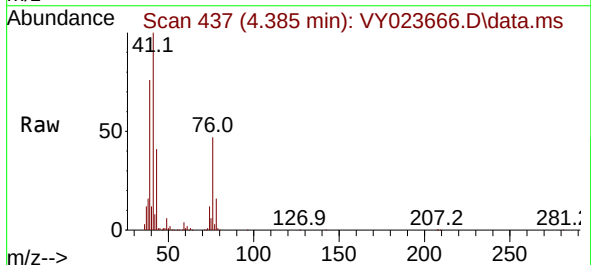
Tgt Ion: 56 Resp: 304058
Ion Ratio Lower Upper
56 100
55 70.2 56.6 84.8

Manual Integrations
APPROVED

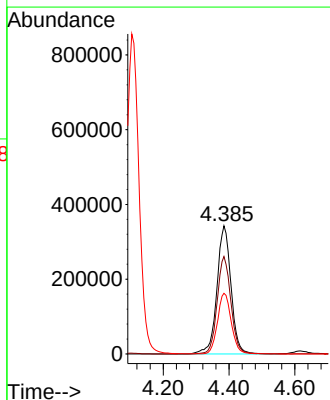
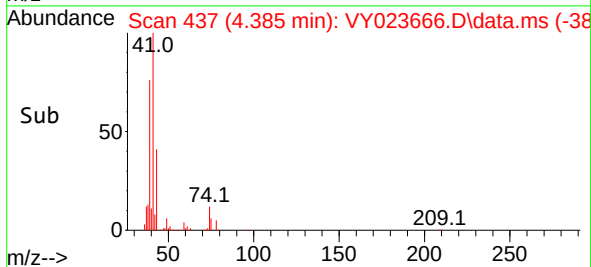
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

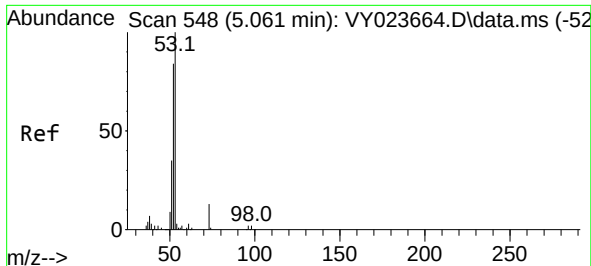


#14
Allyl chloride
Concen: 150.446 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



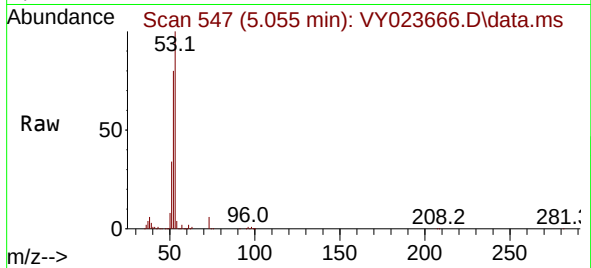
Tgt Ion: 41 Resp: 1016094
Ion Ratio Lower Upper
41 100
39 74.1 60.4 90.6
76 45.8 38.0 57.0





#15
Acrylonitrile
Concen: 769.798 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

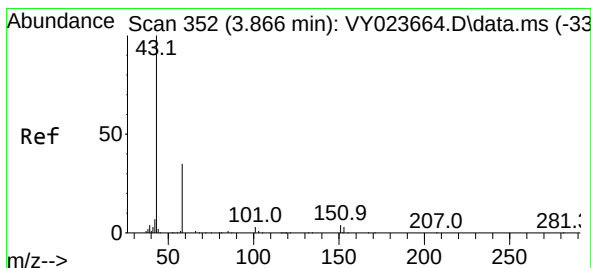
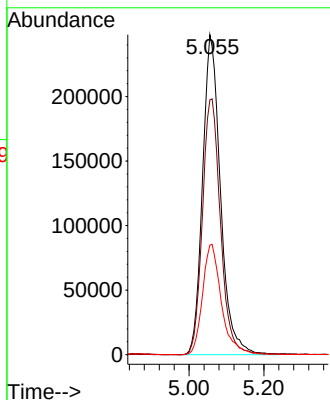
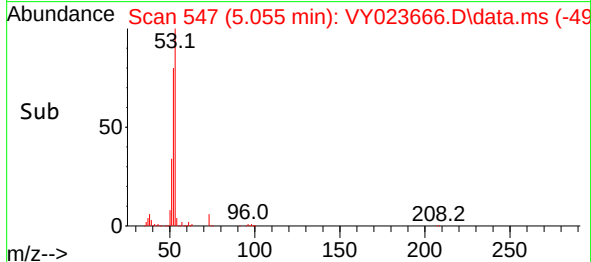
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 53 Resp: 824780
Ion Ratio Lower Upper
53 100
52 80.5 64.9 97.3
51 36.4 29.4 44.0

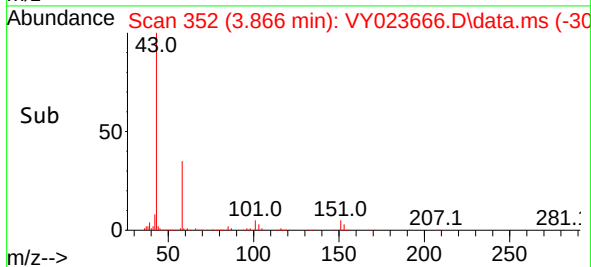
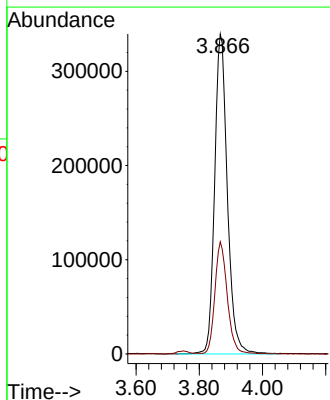
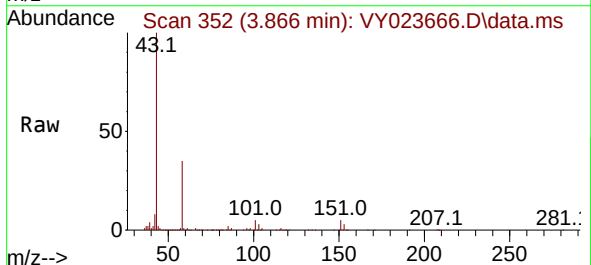
Manual Integrations
APPROVED

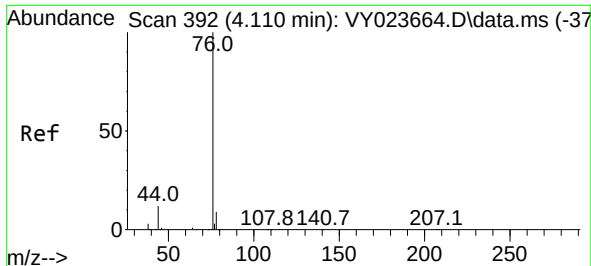
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#16
Acetone
Concen: 719.612 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

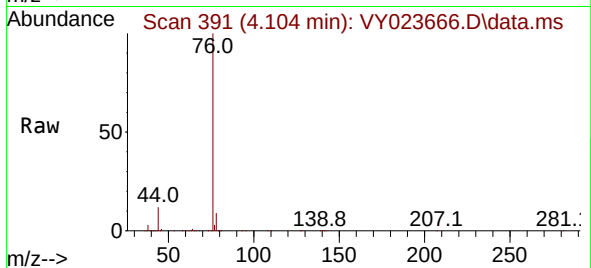
Tgt Ion: 43 Resp: 947595
Ion Ratio Lower Upper
43 100
58 35.0 28.2 42.4





#17
Carbon Disulfide
Concen: 135.337 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

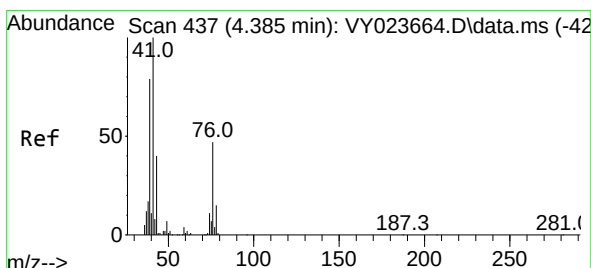
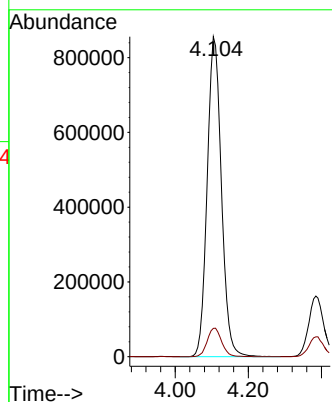
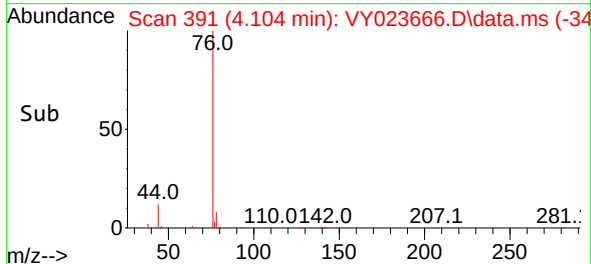
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



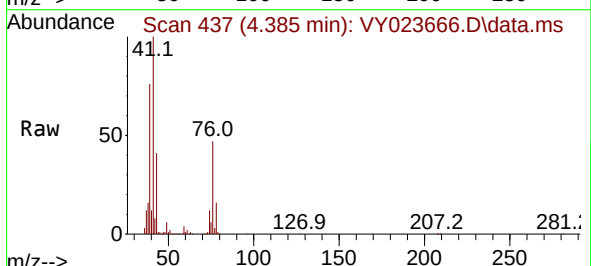
Tgt Ion: 76 Resp: 230485
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

Manual Integrations
APPROVED

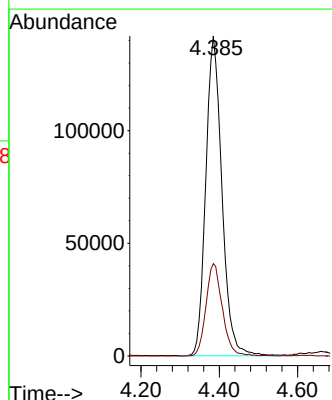
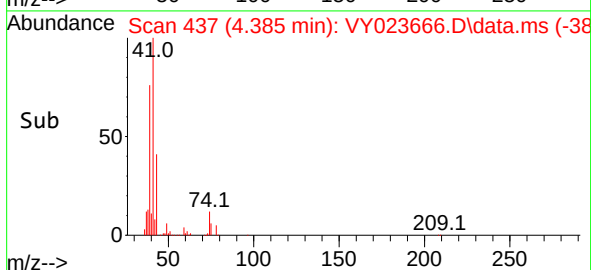
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

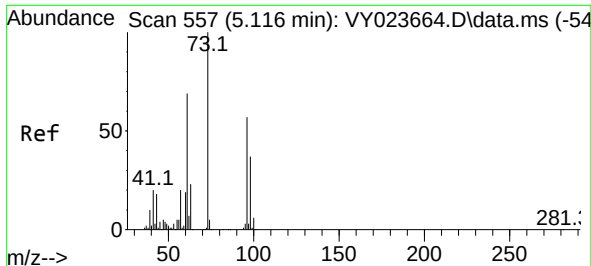


#18
Methyl Acetate
Concen: 139.609 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



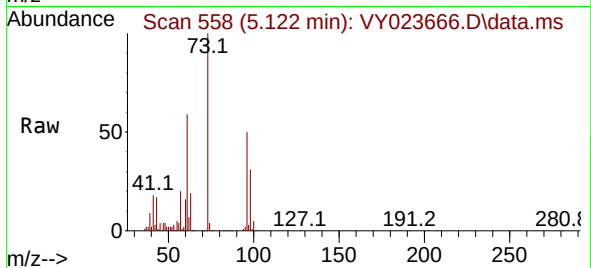
Tgt Ion: 43 Resp: 405494
Ion Ratio Lower Upper
43 100
74 29.2 22.5 33.7





#19
Methyl tert-butyl Ether
Concen: 157.970 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

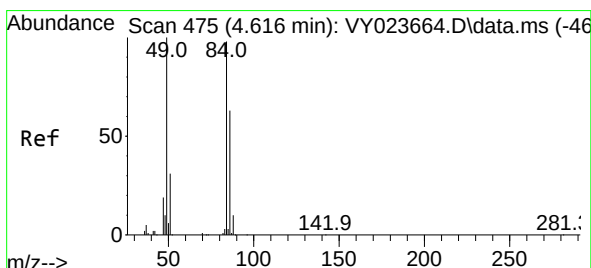
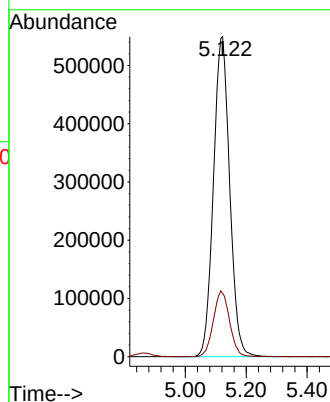
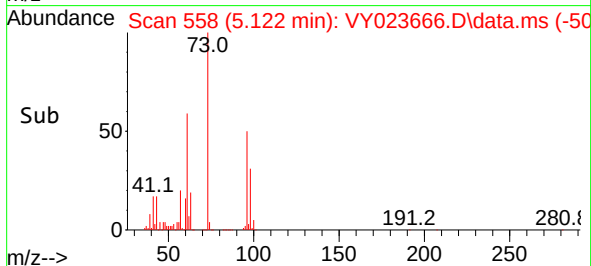
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



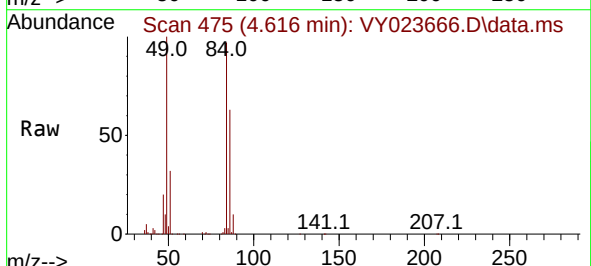
Tgt Ion: 73 Resp: 203252
Ion Ratio Lower Upper
73 100
57 19.8 16.1 24.1

Manual Integrations
APPROVED

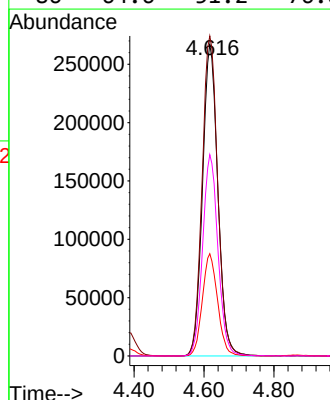
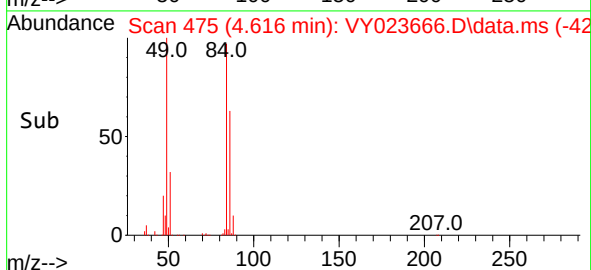
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

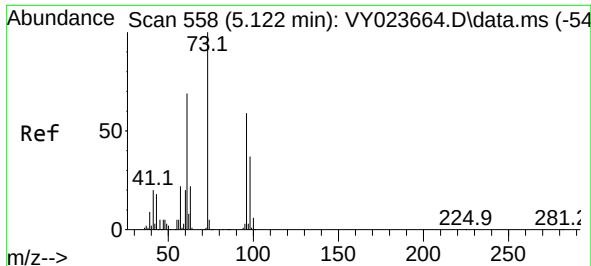


#20
Methylene Chloride
Concen: 127.899 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



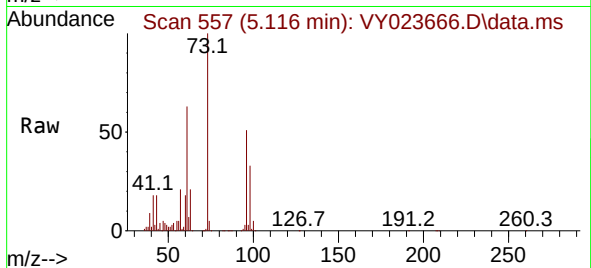
Tgt Ion: 84 Resp: 813039
Ion Ratio Lower Upper
84 100
49 102.6 81.5 122.3
51 32.8 25.5 38.3
86 64.6 51.2 76.8





#21
trans-1,2-Dichloroethene
Concen: 142.587 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

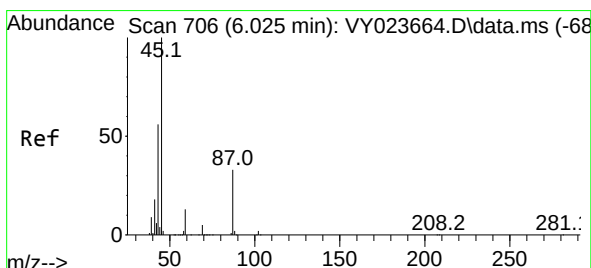
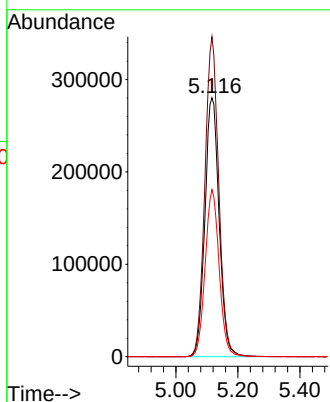
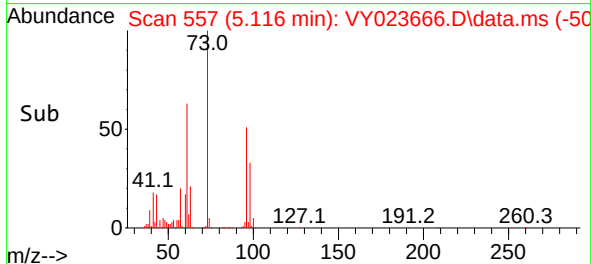
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



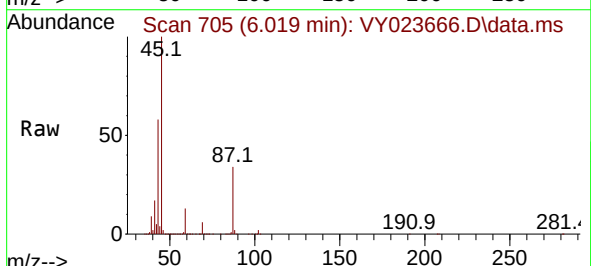
Tgt Ion: 96 Resp: 892080
Ion Ratio Lower Upper
96 100
61 123.6 93.3 139.9
98 64.5 50.6 75.8

Manual Integrations
APPROVED

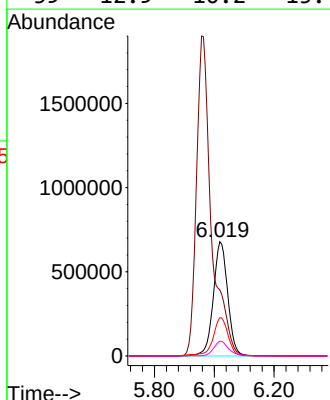
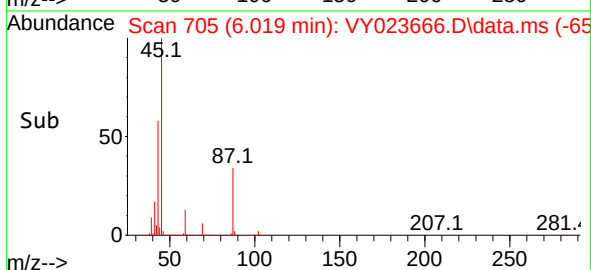
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

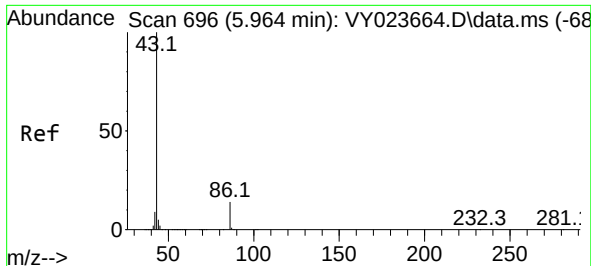


#22
Diisopropyl ether
Concen: 150.464 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



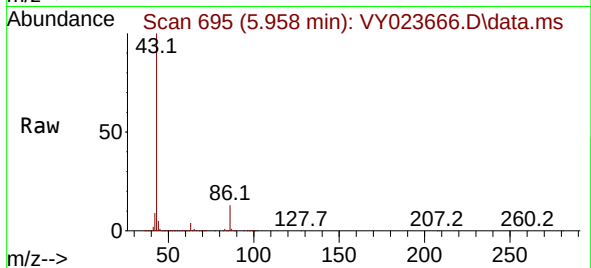
Tgt Ion: 45 Resp: 2264384
Ion Ratio Lower Upper
45 100
43 57.9 44.7 67.1
87 33.5 27.2 40.8
59 12.9 10.2 15.4





#23
Vinyl Acetate
Concen: 818.950 ug/l
RT: 5.958 min Scan# 695
Delta R.T. -0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

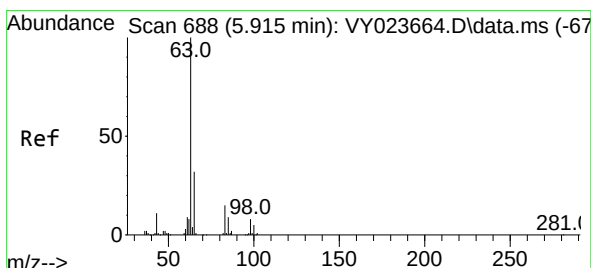
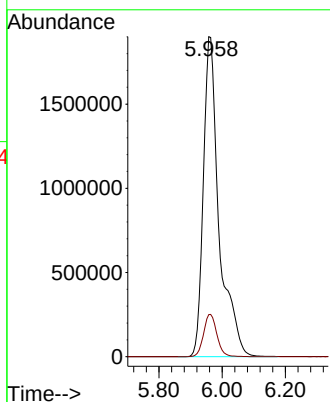
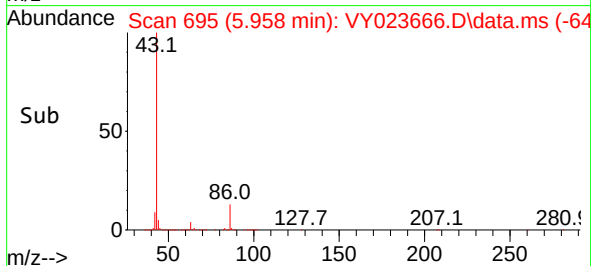
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



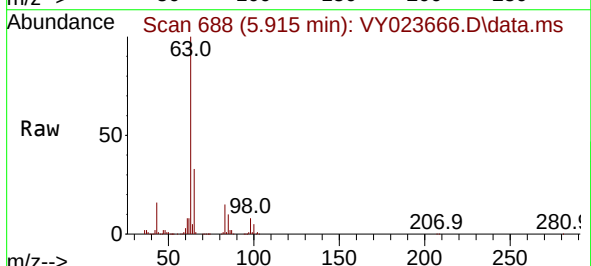
Tgt Ion: 43 Resp: 657696
Ion Ratio Lower Upper
43 100
86 13.2 10.9 16.3

Manual Integrations
APPROVED

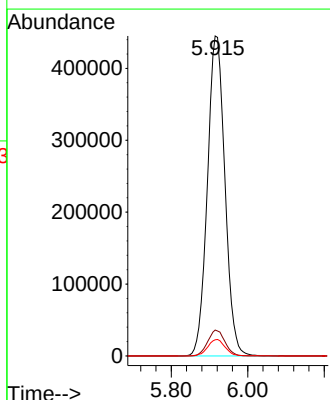
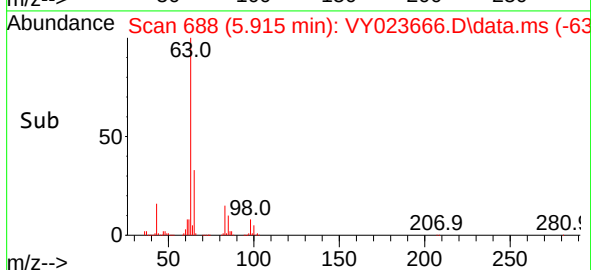
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

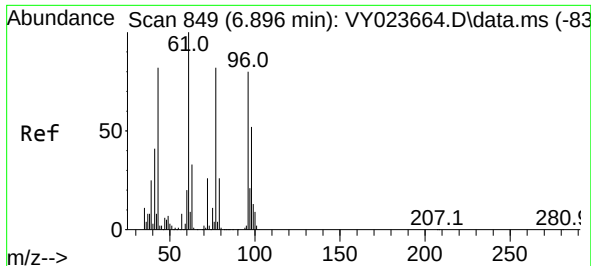


#24
1,1-Dichloroethane
Concen: 141.217 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



Tgt Ion: 63 Resp: 1415798
Ion Ratio Lower Upper
63 100
98 8.1 4.0 11.9
100 5.0 2.6 7.8





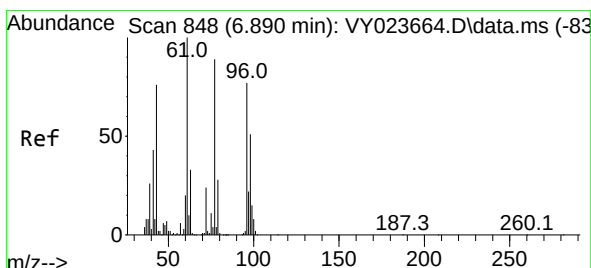
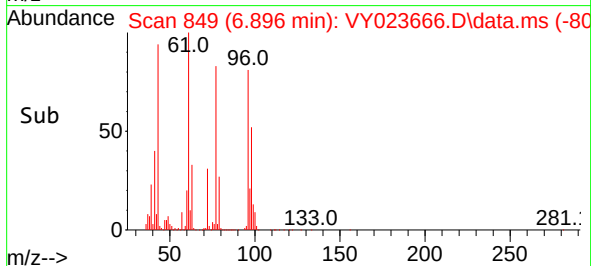
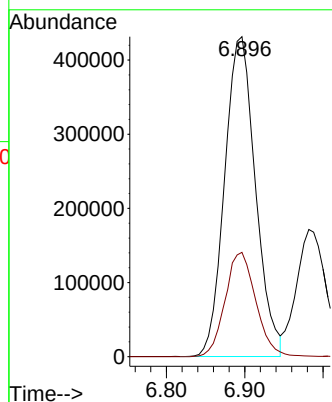
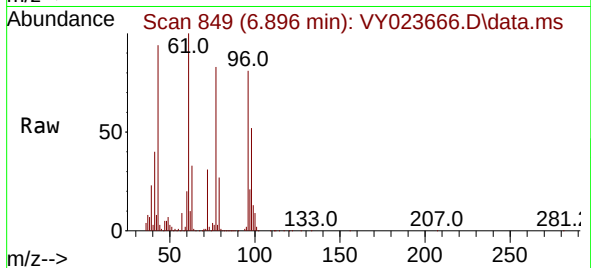
#25
2-Butanone
Concen: 775.579 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 118080
Ion Ratio Lower Upper
43 100
72 32.6 25.7 38.5

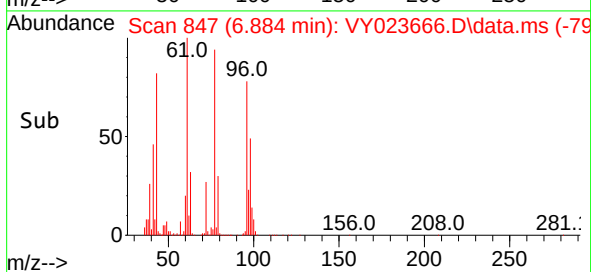
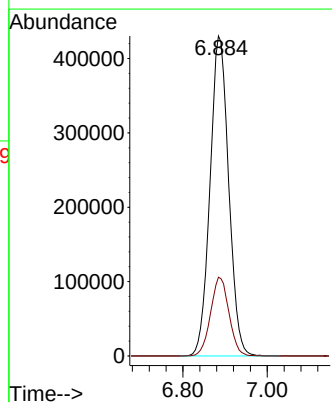
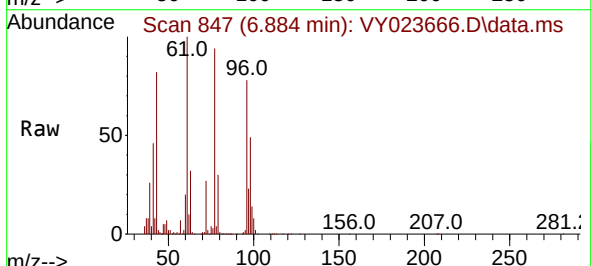
Manual Integrations
APPROVED

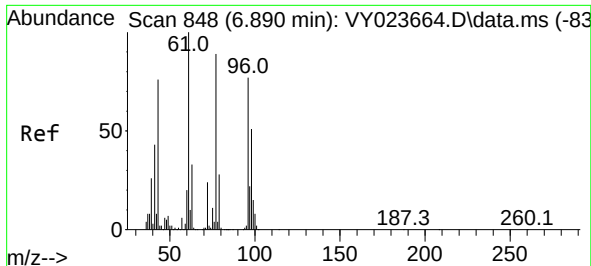
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#26
2,2-Dichloropropane
Concen: 143.128 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

Tgt Ion: 77 Resp: 1319960
Ion Ratio Lower Upper
77 100
97 24.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 147.141 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 1051370

Ion Ratio Lower Upper

96 100

61 128.3 0.0 255.0

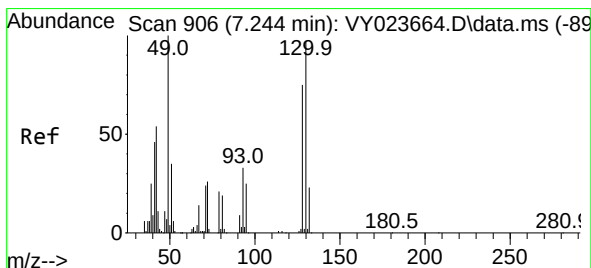
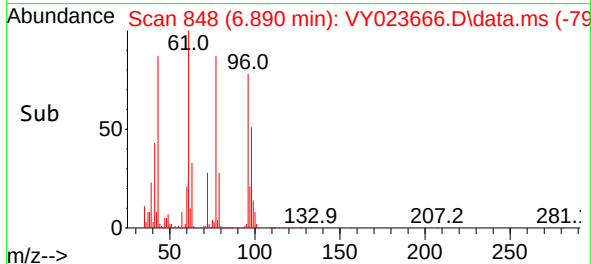
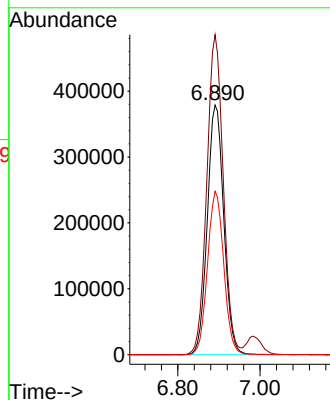
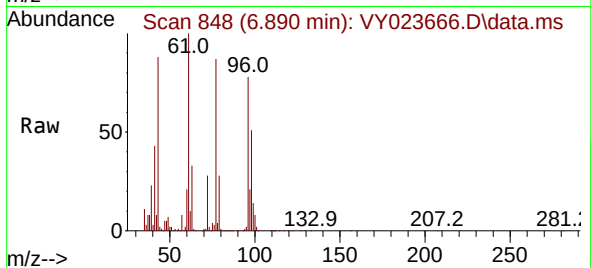
98 64.8 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/05/2025

Supervised By :Mahesh Dadoda 11/05/2025



#28

Bromochloromethane

Concen: 135.216 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

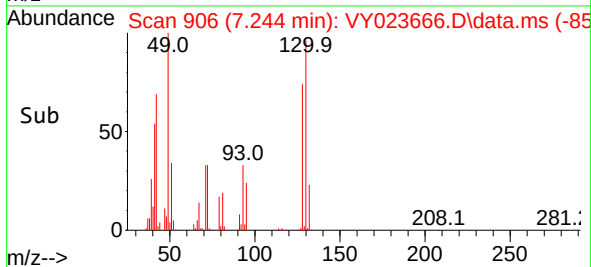
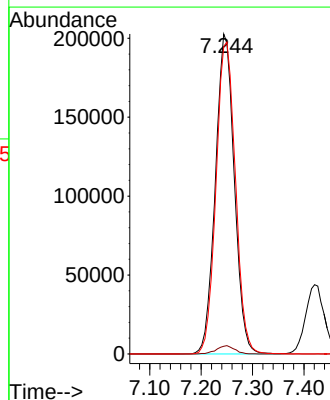
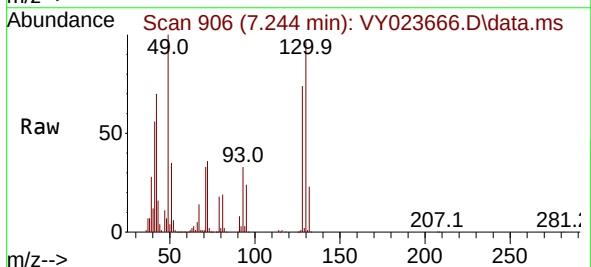
Tgt Ion: 49 Resp: 519064

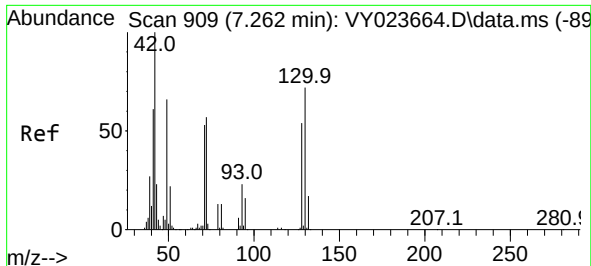
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 99.6 80.1 120.1





#29

Tetrahydrofuran

Concen: 808.815 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 655809

Ion Ratio Lower Upper

42 100

72 53.9 43.4 65.2

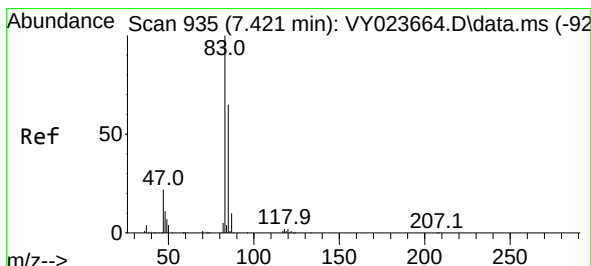
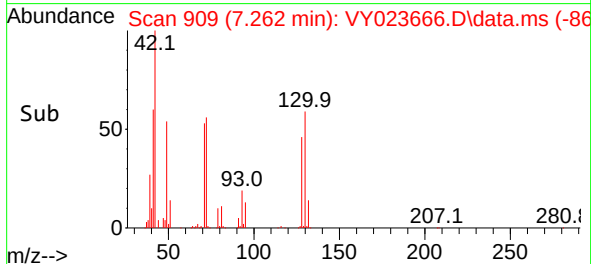
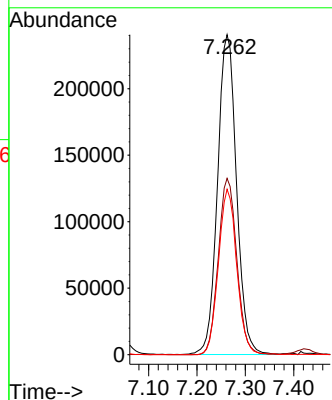
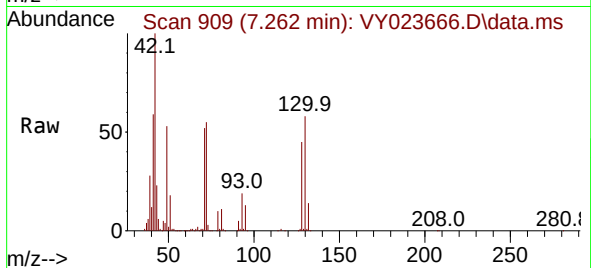
71 50.1 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/05/2025

Supervised By :Mahesh Dadoda 11/05/2025



#30

Chloroform

Concen: 138.663 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023666.D

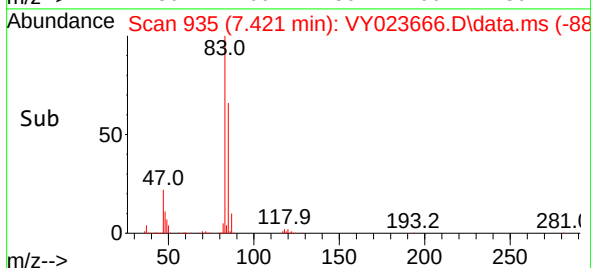
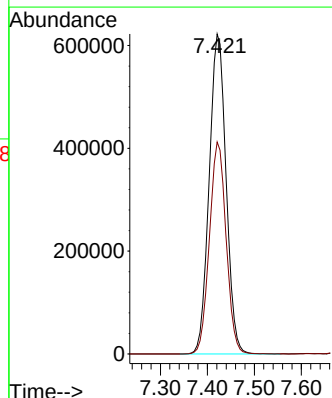
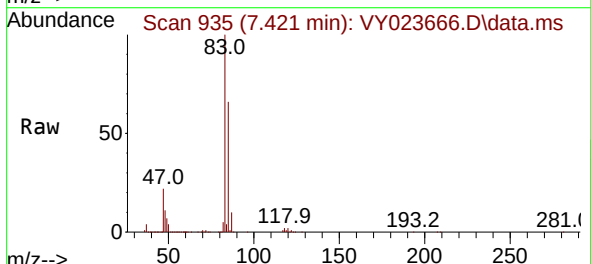
Acq: 04 Nov 2025 11:27

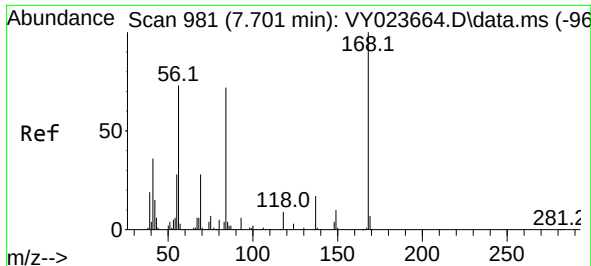
Tgt Ion: 83 Resp: 1551090

Ion Ratio Lower Upper

83 100

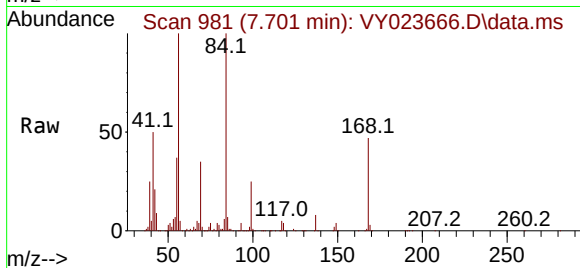
85 66.3 52.1 78.1





#31
Cyclohexane
Concen: 140.926 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

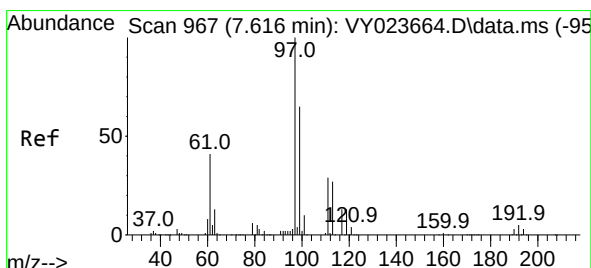
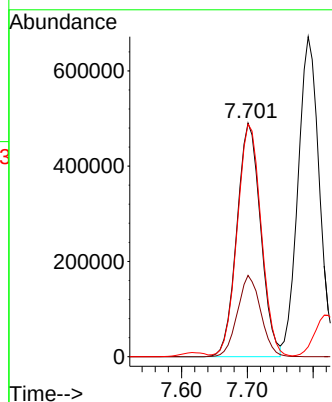
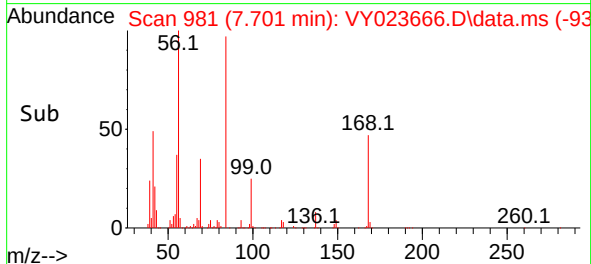
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 123043
Ion Ratio Lower Upper
56 100
69 34.8 30.5 45.7
84 98.7 79.0 118.4

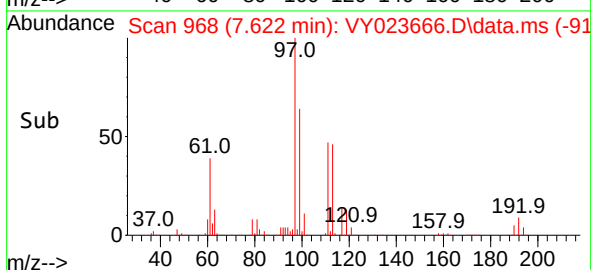
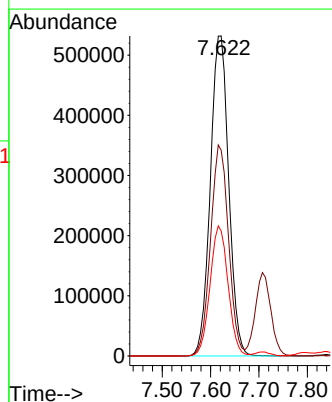
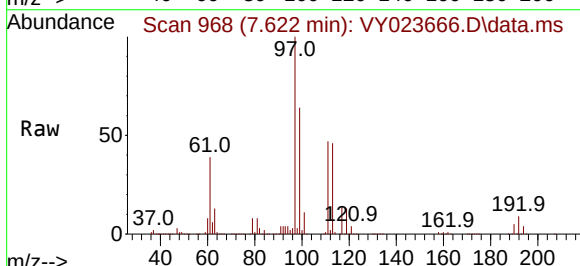
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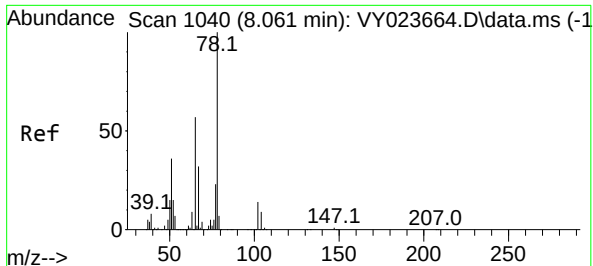
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#32
1,1,1-Trichloroethane
Concen: 140.327 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

Tgt Ion: 97 Resp: 1402944
Ion Ratio Lower Upper
97 100
99 64.8 51.5 77.3
61 39.9 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 143.025 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 757684

Ion Ratio Lower Upper

65 100

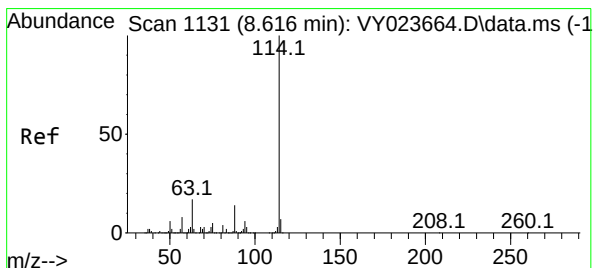
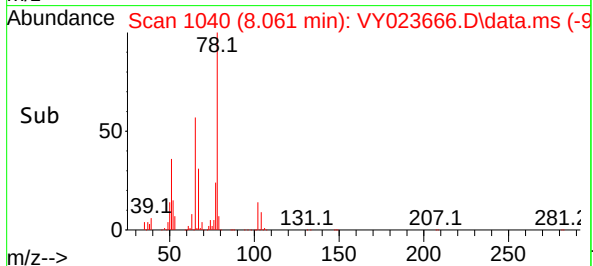
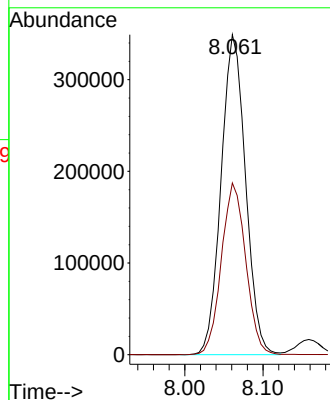
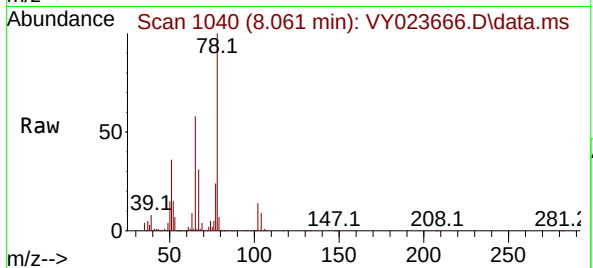
67 53.5 0.0 107.4

Manual Integrations

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Reviewed By :Amit Patel 11/05/2025

Supervised By :Mahesh Dadoda 11/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

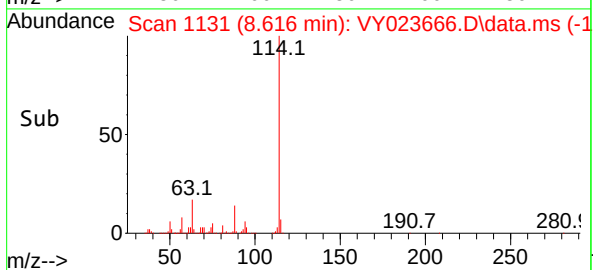
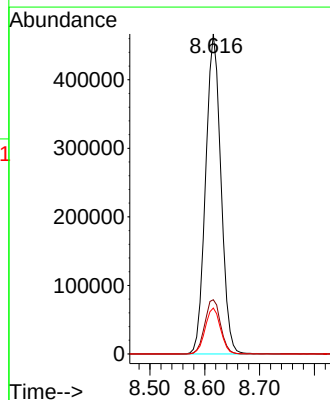
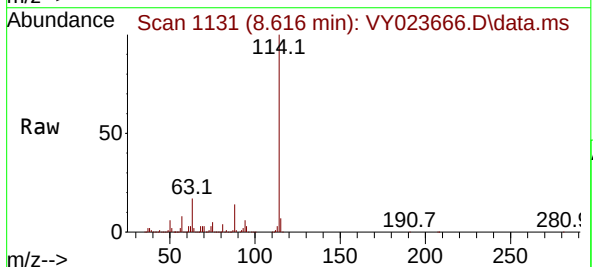
Tgt Ion:114 Resp: 901916

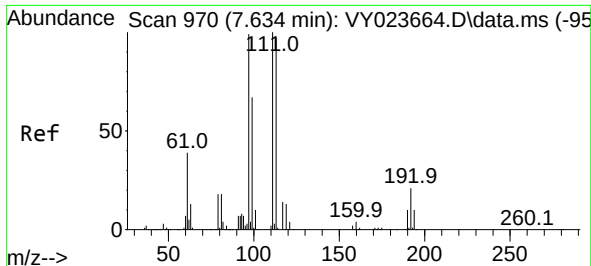
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

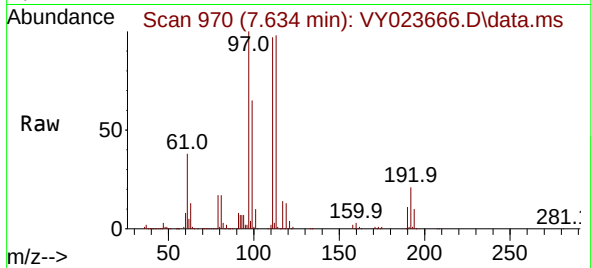
88 14.3 0.0 29.0





#35
Dibromofluoromethane
Concen: 147.706 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

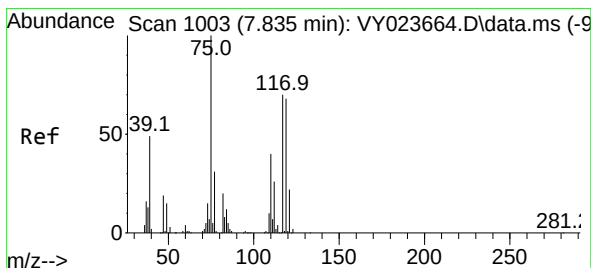
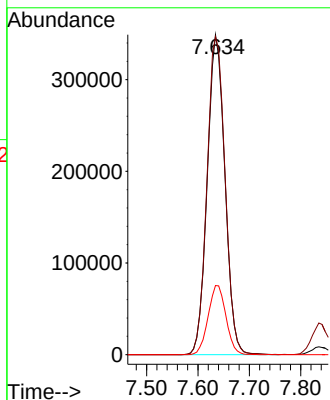
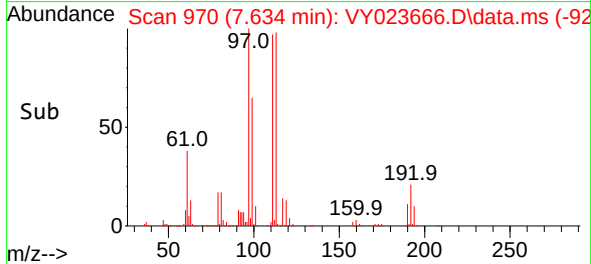
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



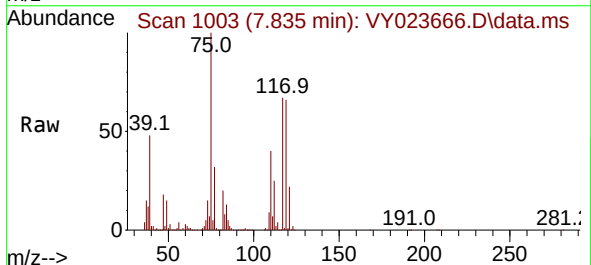
Tgt Ion:113 Resp: 83252
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 21.8 17.3 25.9

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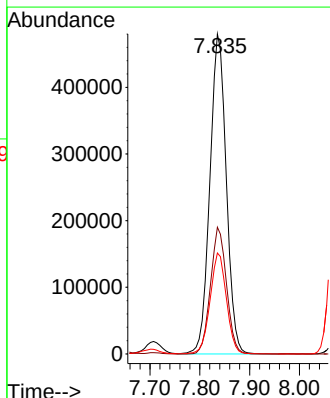
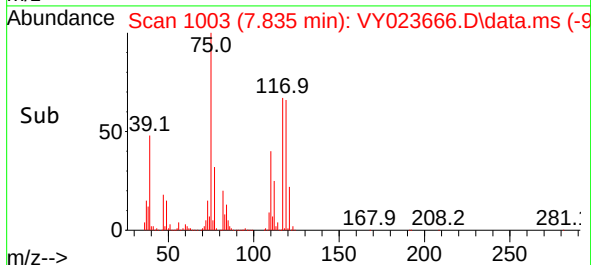
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

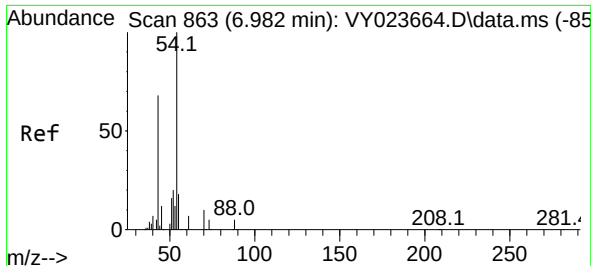


#36
1,1-Dichloropropene
Concen: 145.645 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



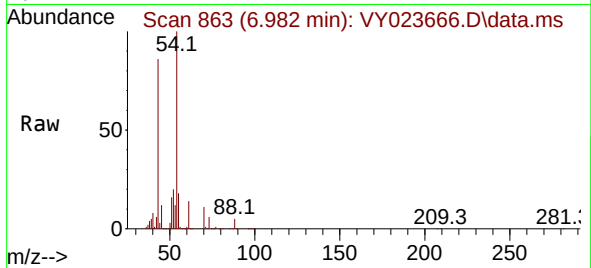
Tgt Ion: 75 Resp: 1096950
Ion Ratio Lower Upper
75 100
110 38.6 19.7 59.0
77 31.4 25.2 37.8





#37
Ethyl Acetate
Concen: 159.651 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

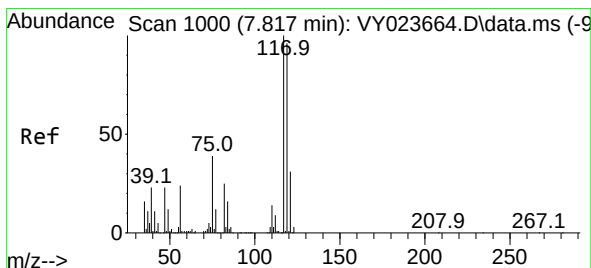
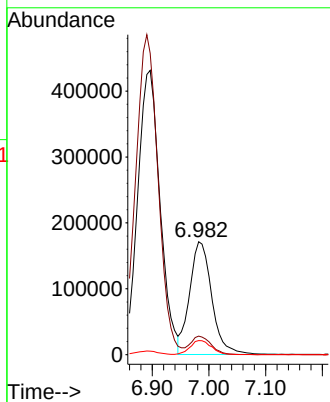
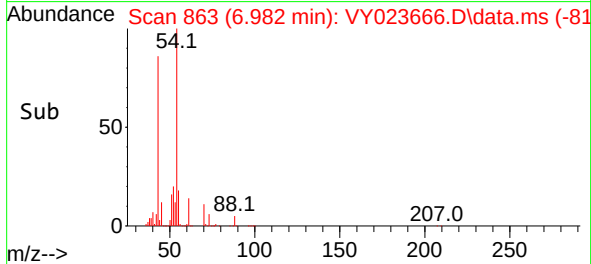
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 465489
Ion Ratio Lower Upper
43 100
61 15.0 12.4 18.6
70 12.3 9.8 14.8

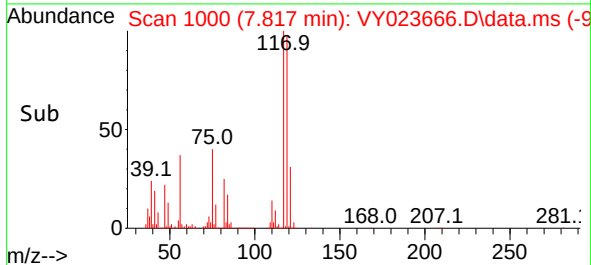
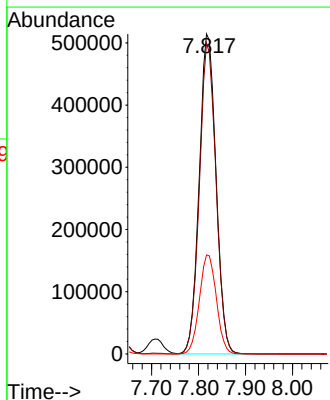
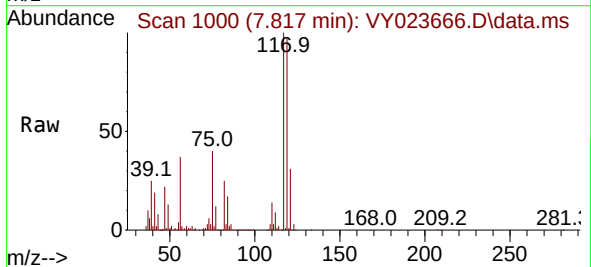
Manual Integrations
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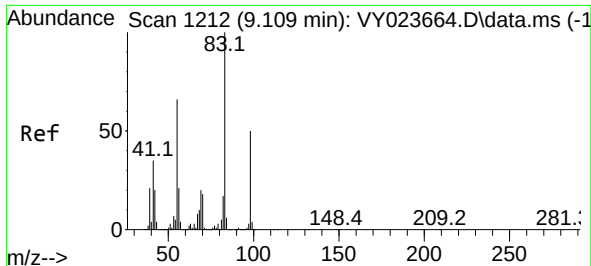
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#38
Carbon Tetrachloride
Concen: 144.193 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

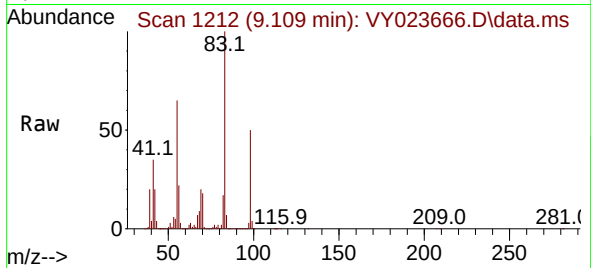
Tgt Ion:117 Resp: 1279569
Ion Ratio Lower Upper
117 100
119 97.2 76.3 114.5
121 31.0 24.8 37.2





#39
Methylcyclohexane
Concen: 158.237 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

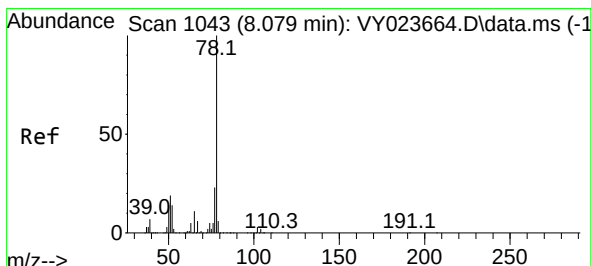
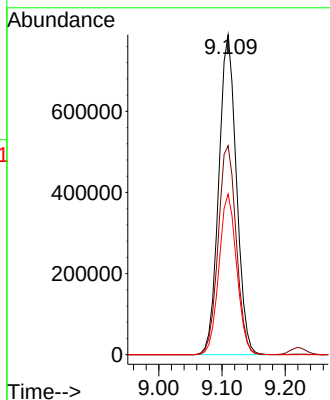
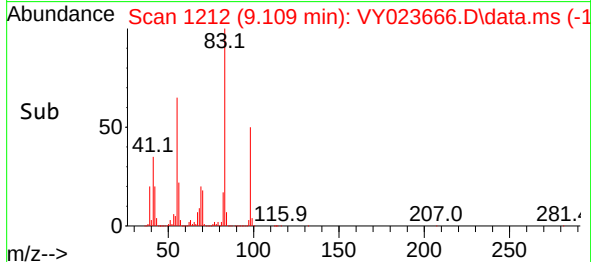
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 1522789
Ion Ratio Lower Upper
83 100
55 65.3 52.6 78.8
98 50.2 39.7 59.5

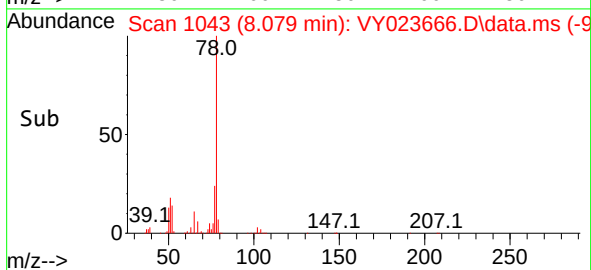
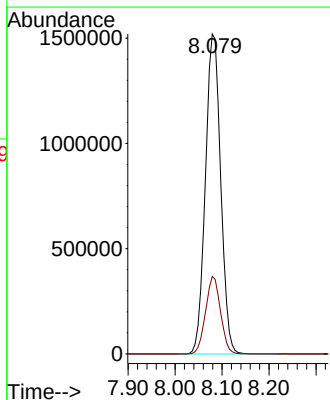
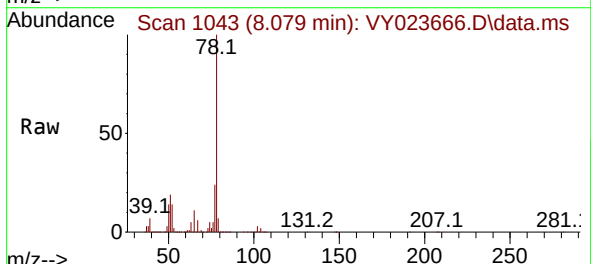
Manual Integrations
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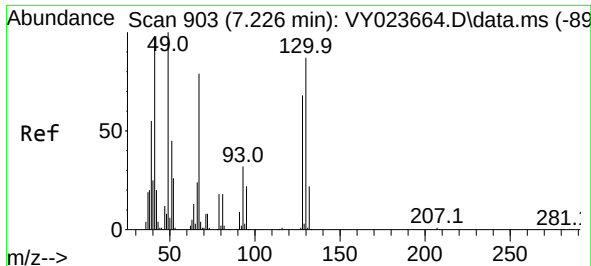
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#40
Benzene
Concen: 144.208 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

Tgt Ion: 78 Resp: 3423551
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





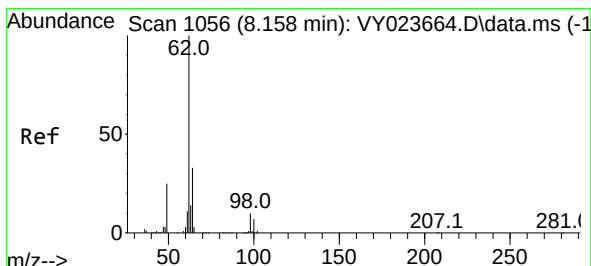
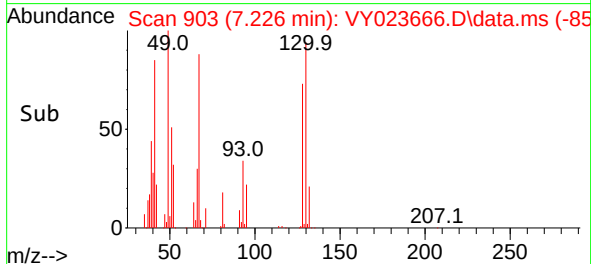
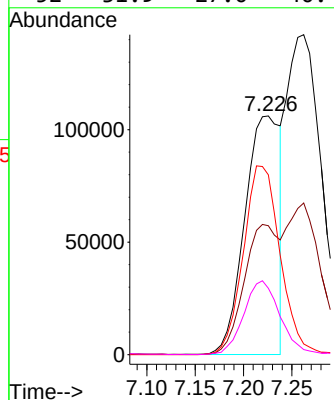
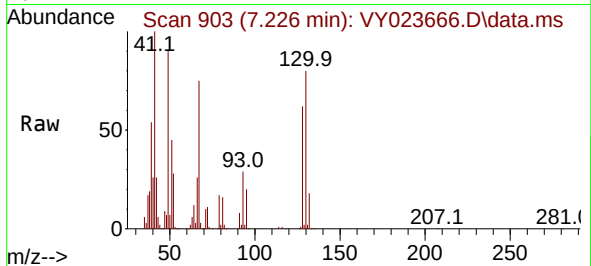
#41
Methacrylonitrile
Concen: 173.645 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 27005
Ion Ratio Lower Upper
41 100
39 53.9 38.6 57.8
67 82.8 71.3 106.9
52 31.9 27.0 40.4

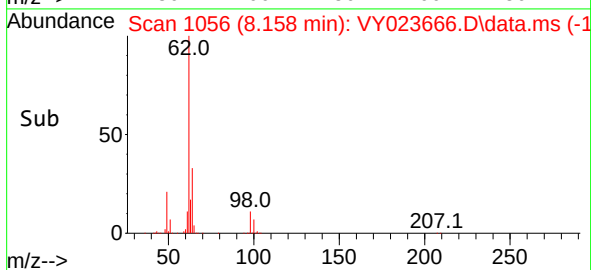
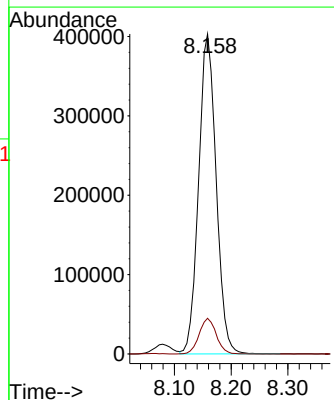
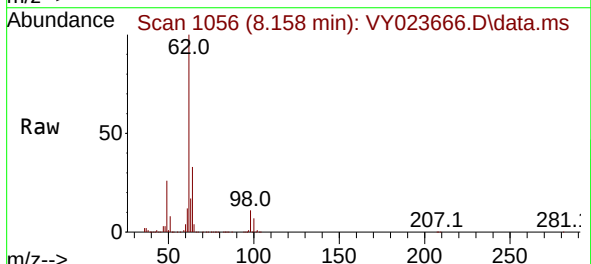
Manual Integrations
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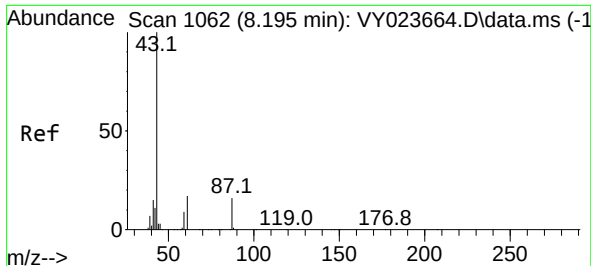
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#42
1,2-Dichloroethane
Concen: 144.018 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

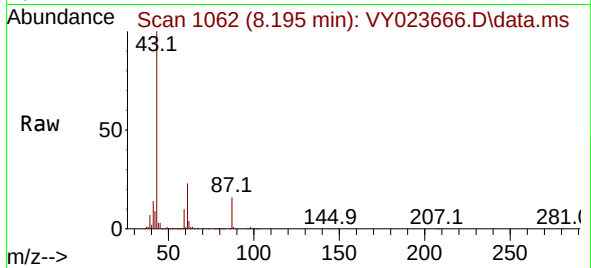
Tgt Ion: 62 Resp: 864999
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.0





#43
Isopropyl Acetate
Concen: 167.105 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

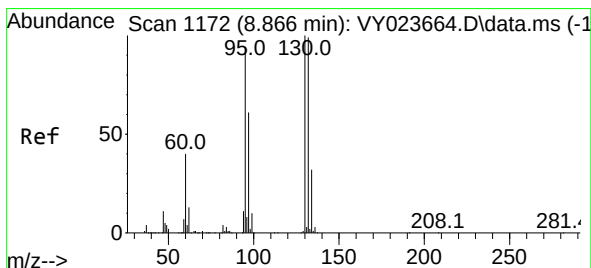
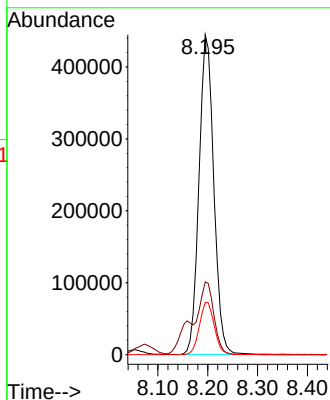
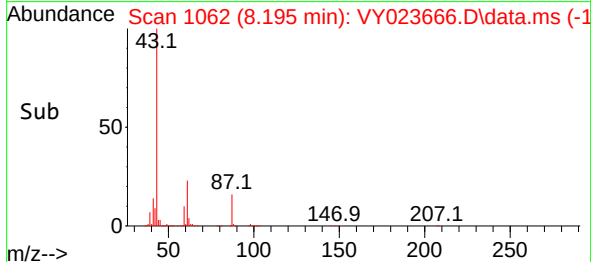
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



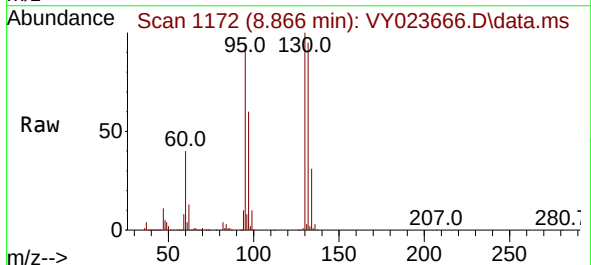
Tgt Ion: 43 Resp: 91544
Ion Ratio Lower Upper
43 100
61 22.9 18.2 27.2
87 16.6 13.3 19.9

Manual Integrations
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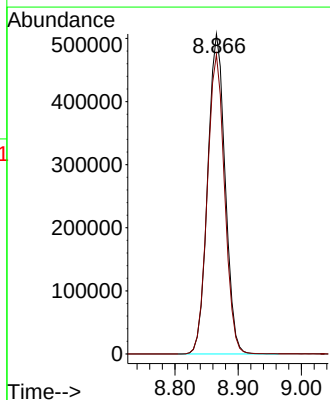
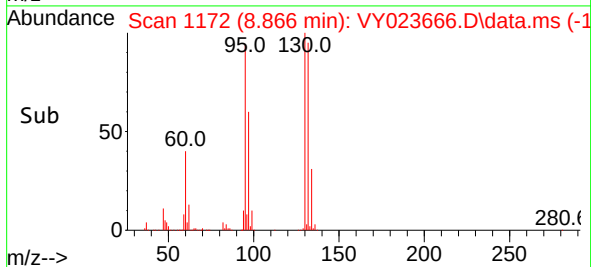
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

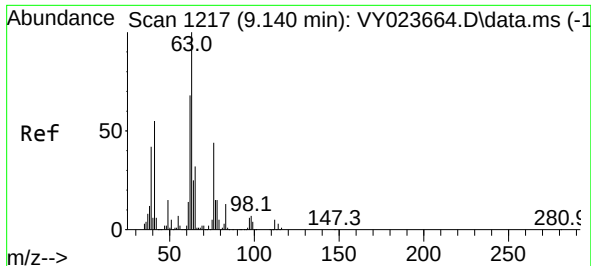


#44
Trichloroethene
Concen: 142.056 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



Tgt Ion:130 Resp: 968647
Ion Ratio Lower Upper
130 100
95 93.5 0.0 187.0





#45

1,2-Dichloropropane

Concen: 146.035 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 76515

Ion Ratio Lower Upper

63 100

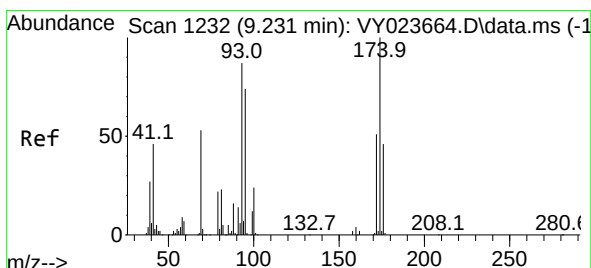
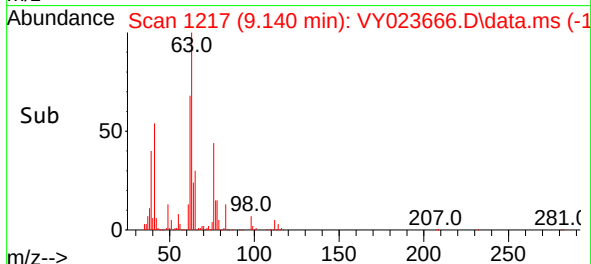
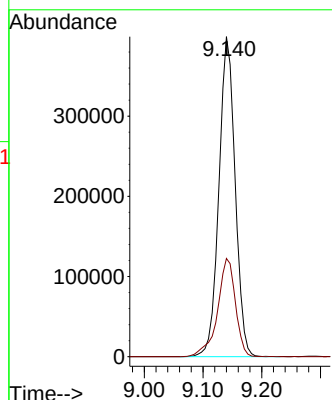
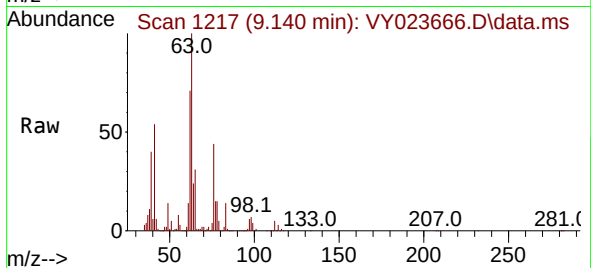
65 30.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/05/2025

Supervised By :Mahesh Dadoda 11/05/2025



#46

Dibromomethane

Concen: 147.004 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

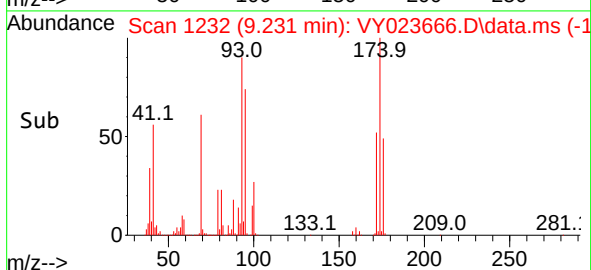
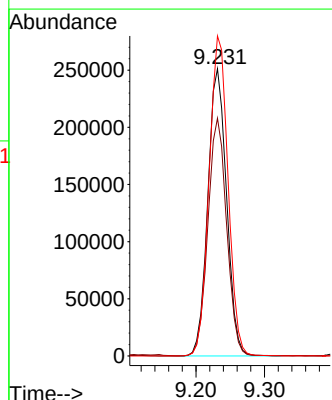
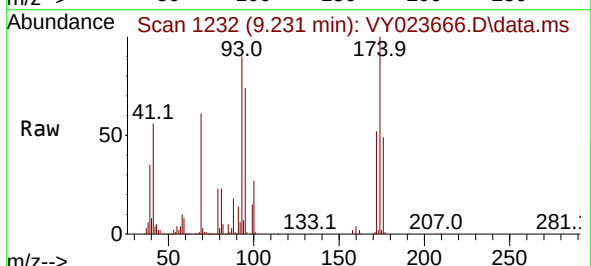
Tgt Ion: 93 Resp: 477241

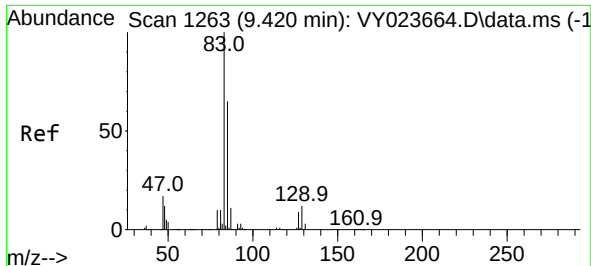
Ion Ratio Lower Upper

93 100

95 82.9 67.4 101.2

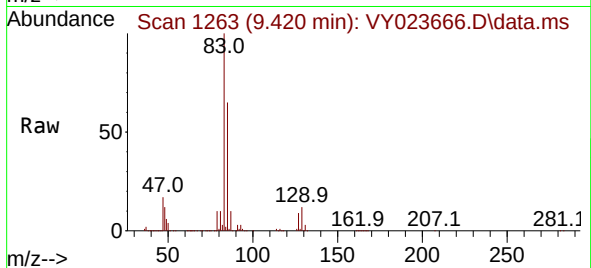
174 112.8 89.4 134.0





#47
Bromodichloromethane
Concen: 145.820 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

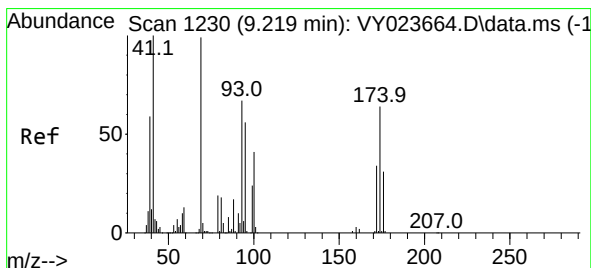
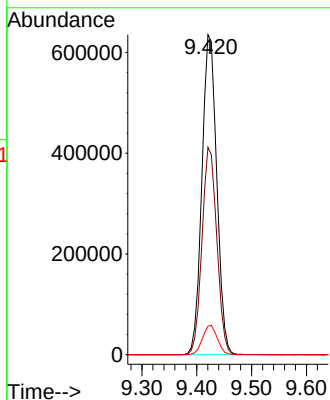
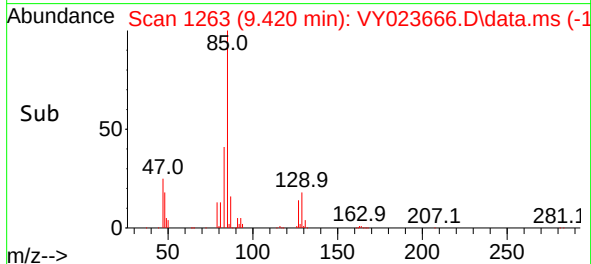
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



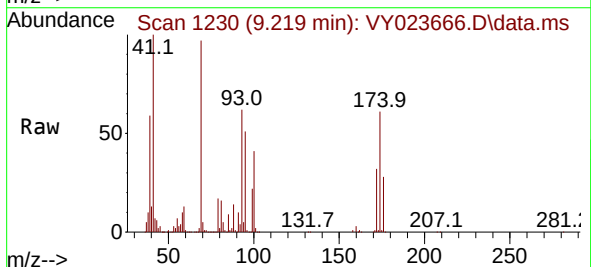
Tgt Ion: 83 Resp: 1193540
Ion Ratio Lower Upper
83 100
85 64.8 52.1 78.1
127 8.9 7.5 11.3

Manual Integrations
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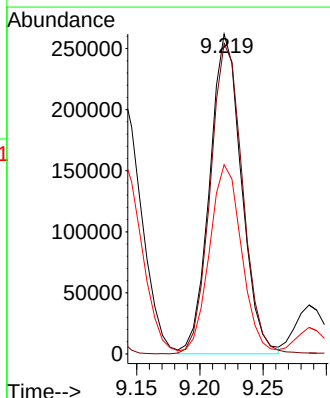
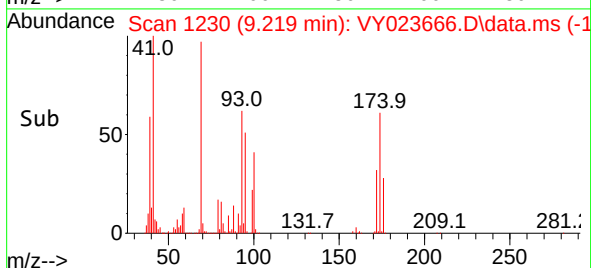
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

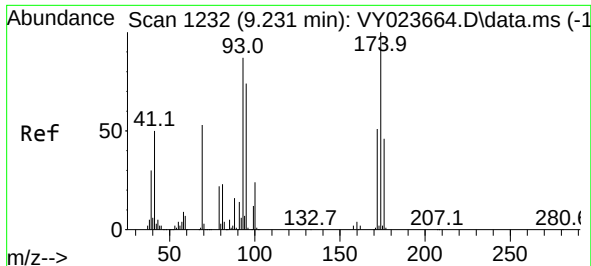


#48
Methyl methacrylate
Concen: 176.551 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



Tgt Ion: 41 Resp: 456960
Ion Ratio Lower Upper
41 100
69 98.8 80.2 120.2
39 58.1 47.4 71.0





#49

1,4-Dioxane

Concen: 3311.077 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 110000

Ion Ratio Lower Upper

88 100

43 29.1 22.0 33.0

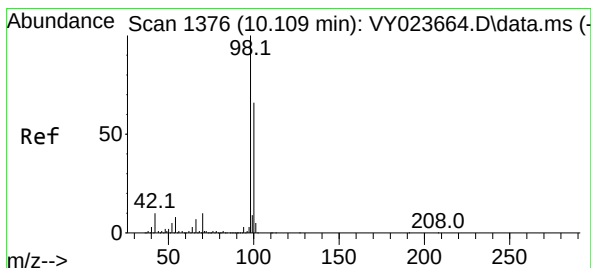
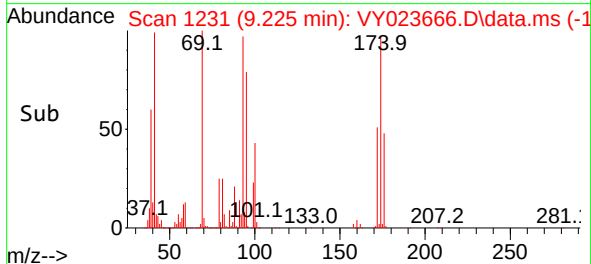
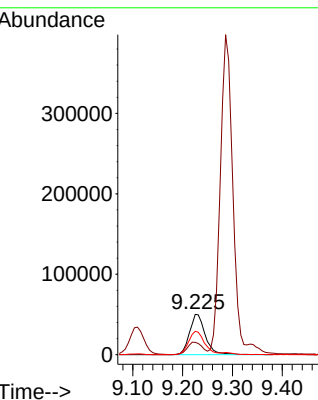
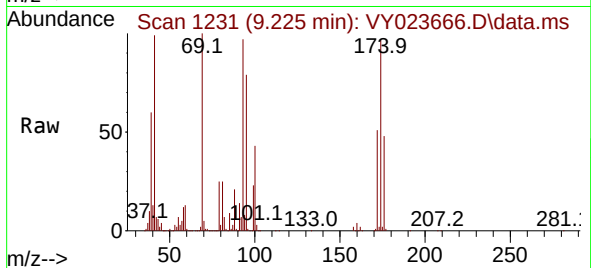
58 58.8 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/05/2025

Supervised By :Mahesh Dadoda 11/05/2025



#50

Toluene-d8

Concen: 149.364 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023666.D

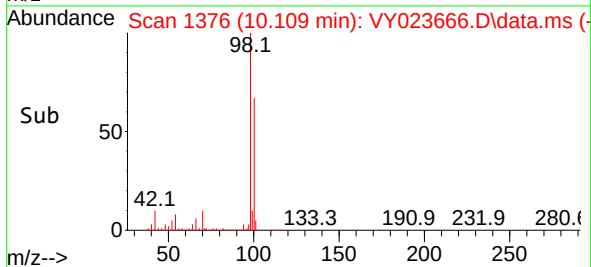
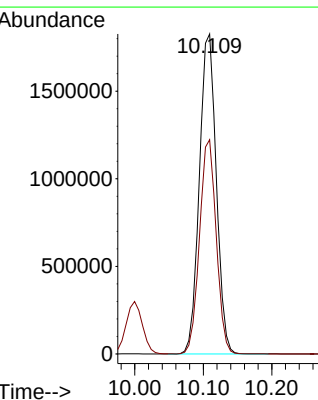
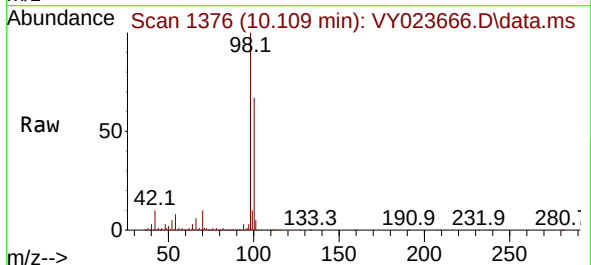
Acq: 04 Nov 2025 11:27

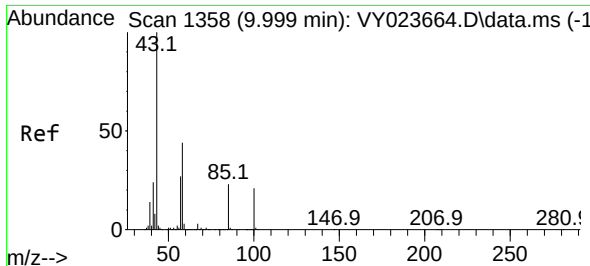
Tgt Ion: 98 Resp: 3136015

Ion Ratio Lower Upper

98 100

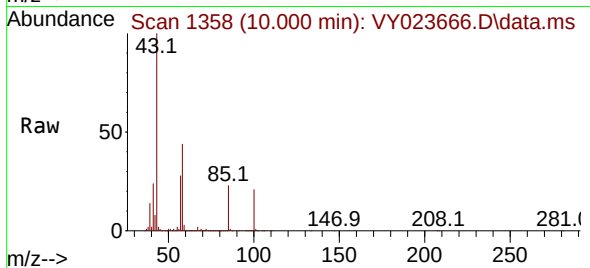
100 66.2 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 836.491 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

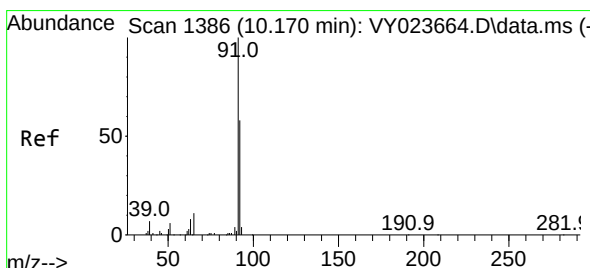
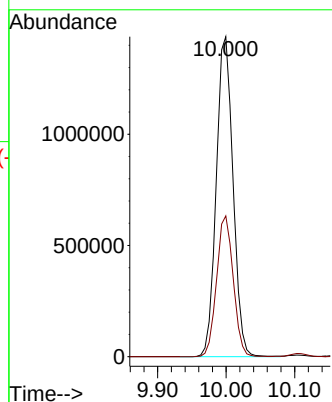
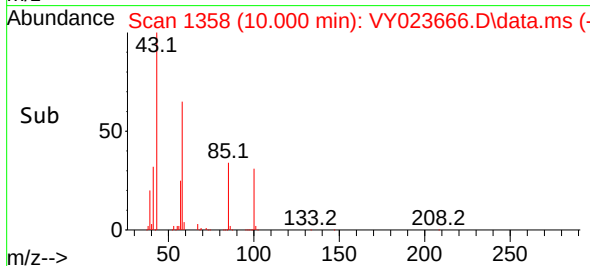
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 2437010
Ion Ratio Lower Upper
43 100
58 43.8 34.8 52.2

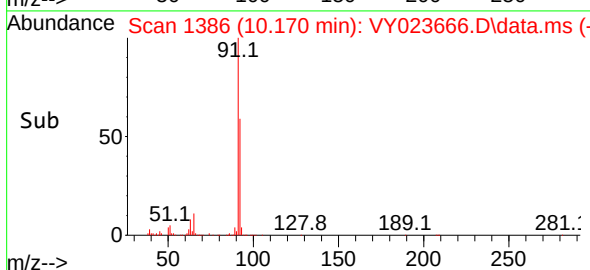
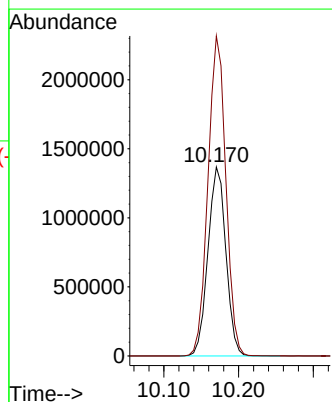
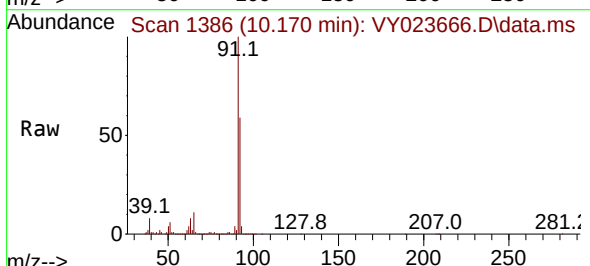
Manual Integrations
APPROVED

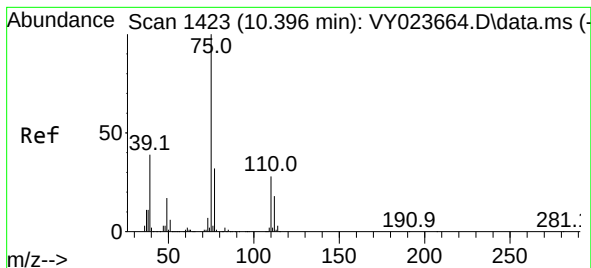
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#52
Toluene
Concen: 150.304 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

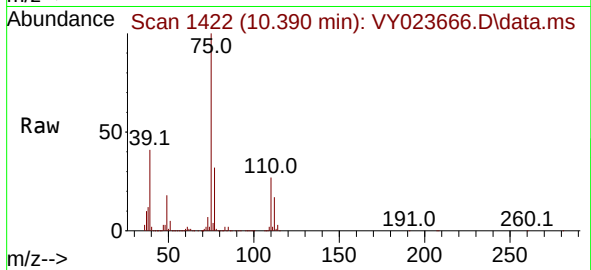
Tgt Ion: 92 Resp: 2278105
Ion Ratio Lower Upper
92 100
91 168.7 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 158.988 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

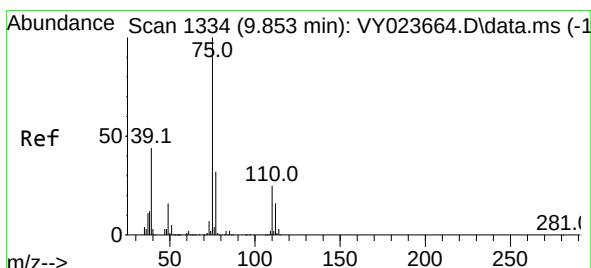
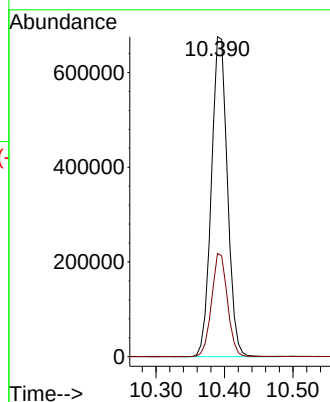
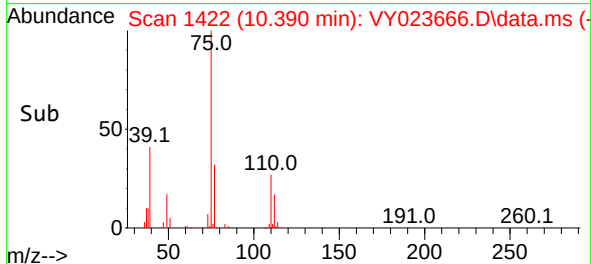
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



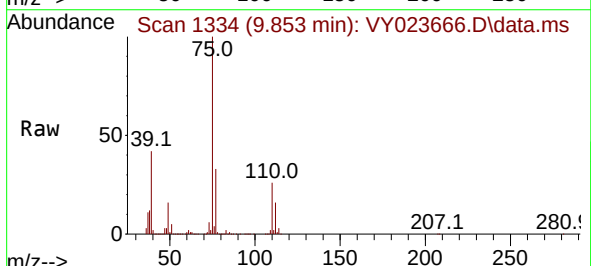
Tgt Ion: 75 Resp: 1101094
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

Manual Integrations
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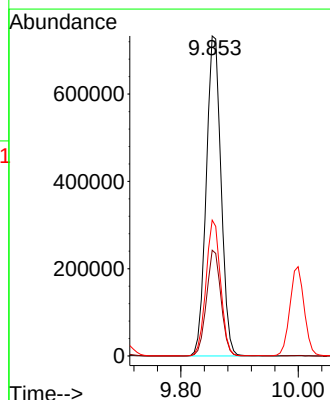
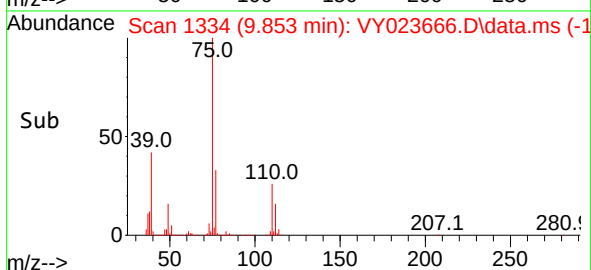
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

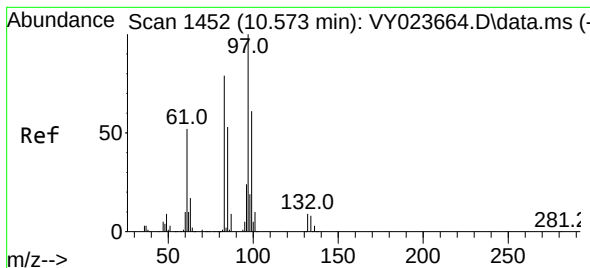


#54
cis-1,3-Dichloropropene
Concen: 154.422 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



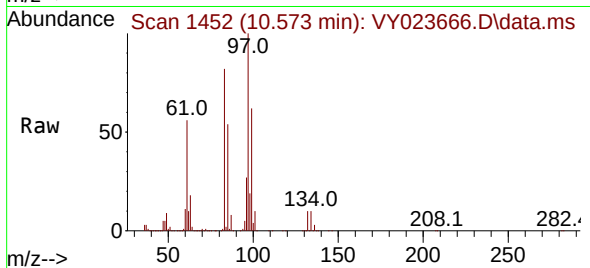
Tgt Ion: 75 Resp: 1281333
Ion Ratio Lower Upper
75 100
77 33.1 25.7 38.5
39 42.4 34.9 52.3





#55
1,1,2-Trichloroethane
Concen: 146.967 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

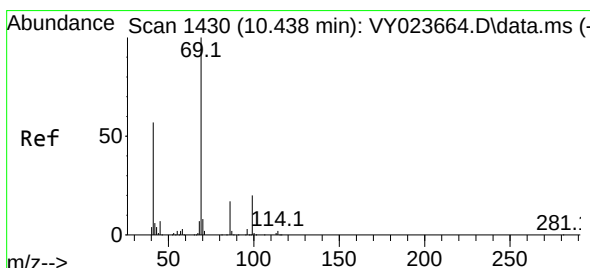
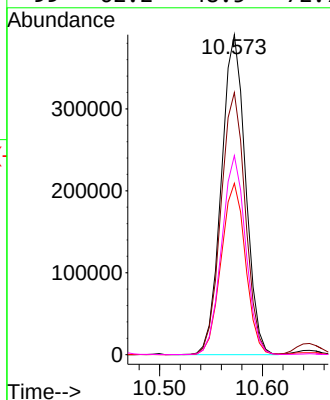
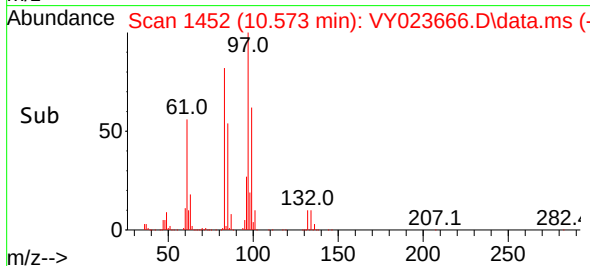


Tgt Ion: 97 Resp: 637615

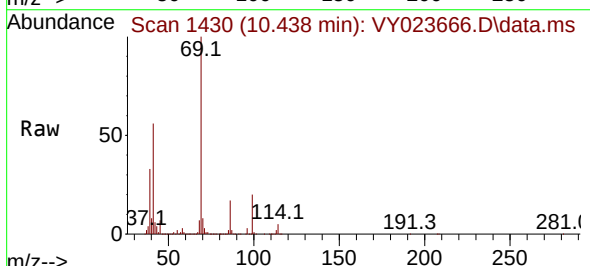
Ion	Ratio	Lower	Upper
97	100		
83	81.9	63.3	94.9
85	53.5	42.4	63.6
99	62.2	48.5	72.7

Manual Integrations
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Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

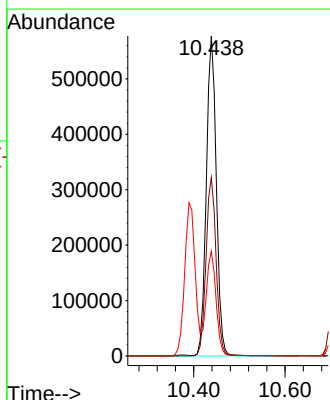
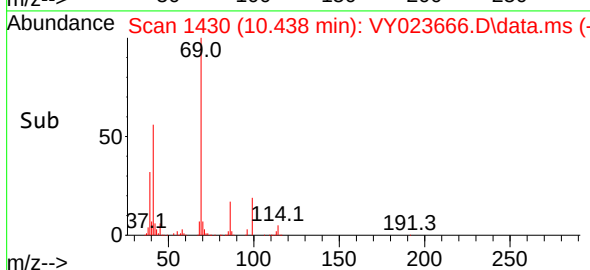


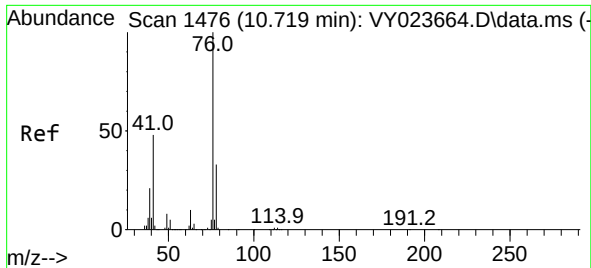
#56
Ethyl methacrylate
Concen: 182.696 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



Tgt Ion: 69 Resp: 873314

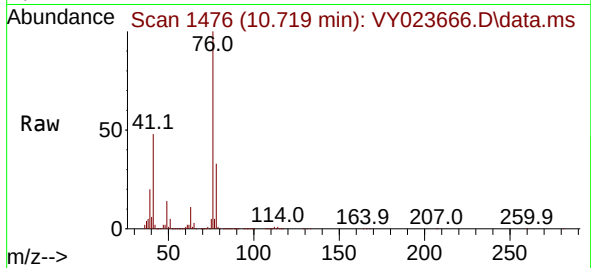
Ion	Ratio	Lower	Upper
69	100		
41	56.0	45.0	67.4
39	32.6	25.1	37.7





#57
1,3-Dichloropropane
Concen: 147.983 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

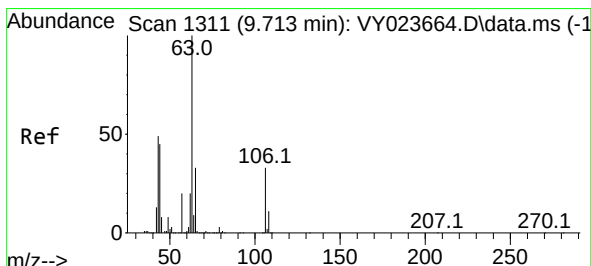
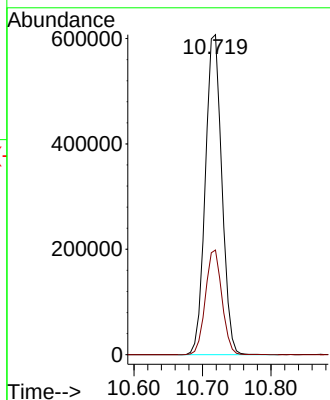
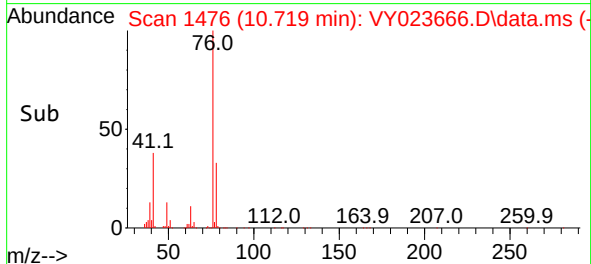
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 1018360
Ion Ratio Lower Upper
76 100
78 32.8 26.0 39.0

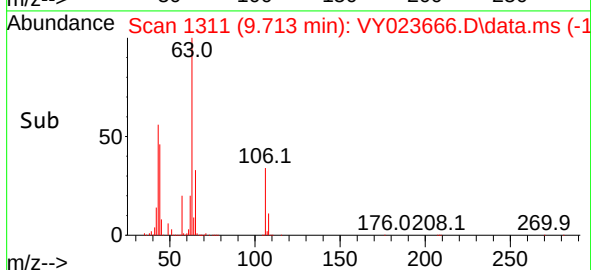
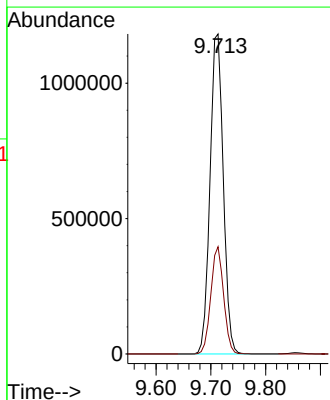
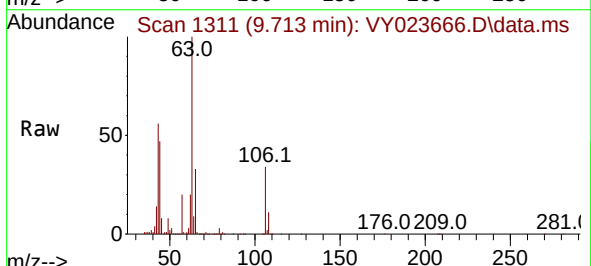
Manual Integrations
APPROVED

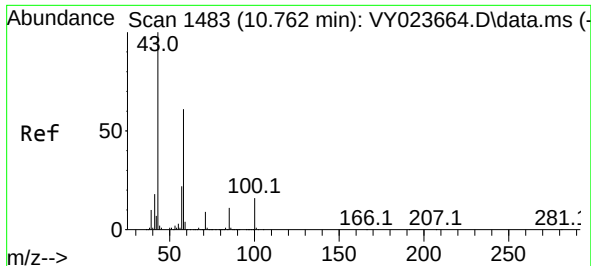
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#58
2-Chloroethyl Vinyl ether
Concen: 899.933 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

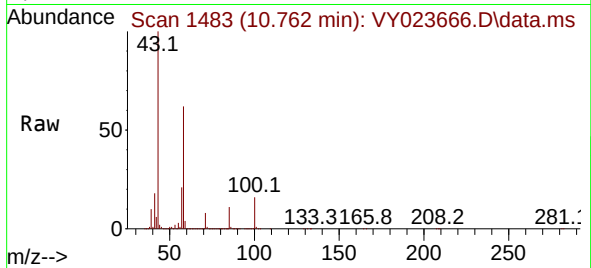
Tgt Ion: 63 Resp: 1973993
Ion Ratio Lower Upper
63 100
106 32.4 26.2 39.2





#59
2-Hexanone
Concen: 847.892 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

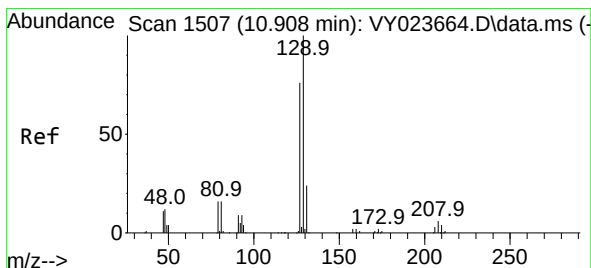
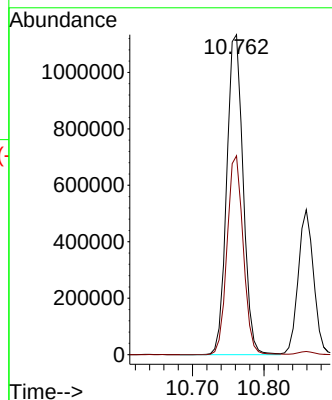
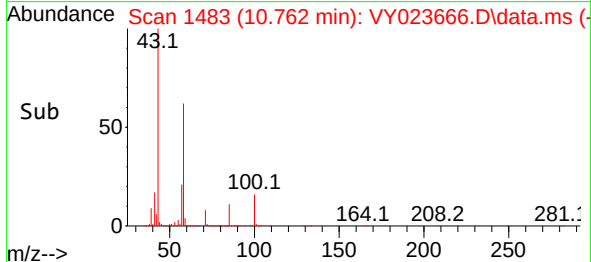
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 180220
Ion Ratio Lower Upper
43 100
58 61.2 30.2 90.6

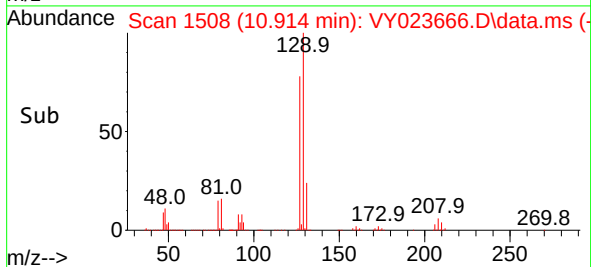
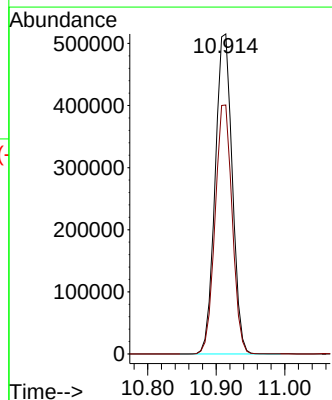
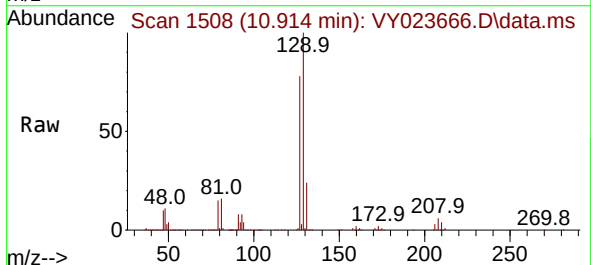
Manual Integrations
APPROVED

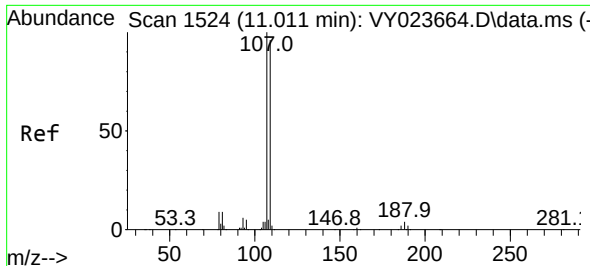
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#60
Dibromochloromethane
Concen: 149.265 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

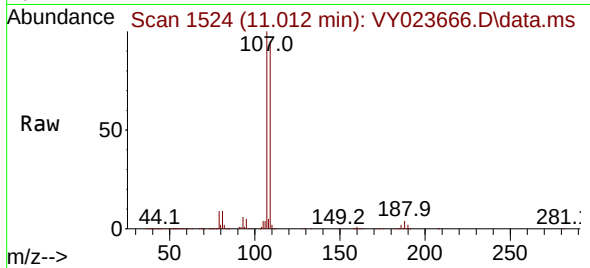
Tgt Ion:129 Resp: 889783
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61
1,2-Dibromoethane
Concen: 150.335 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

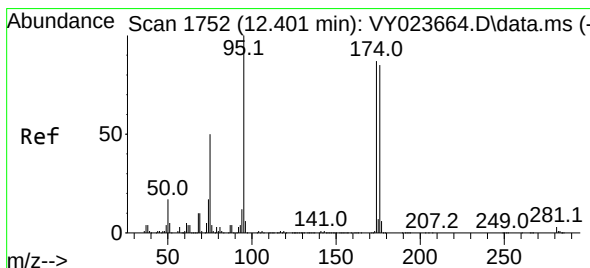
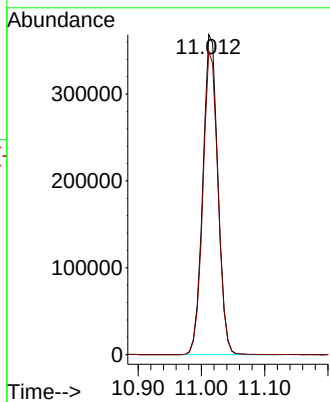
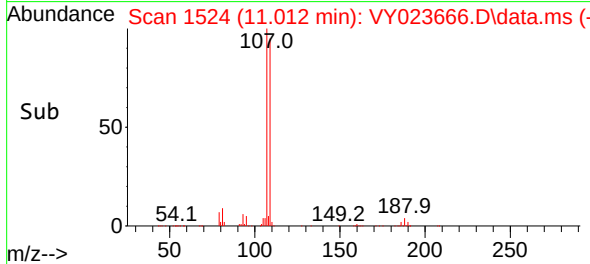
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:107 Resp: 61210
Ion Ratio Lower Upper
107 100
109 94.9 76.2 114.4

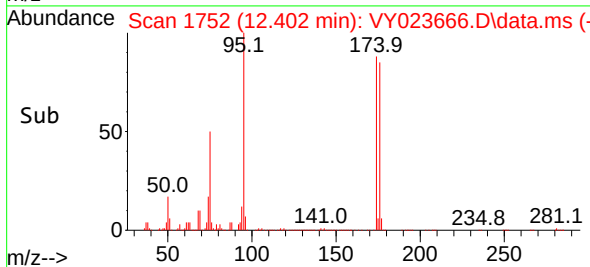
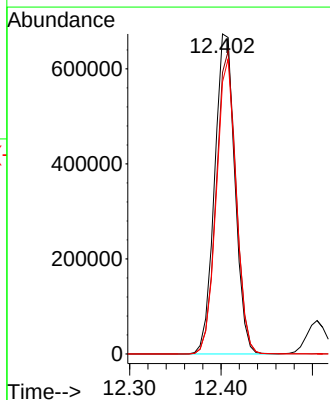
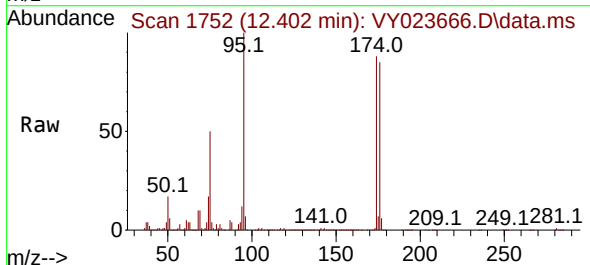
Manual Integrations
APPROVED

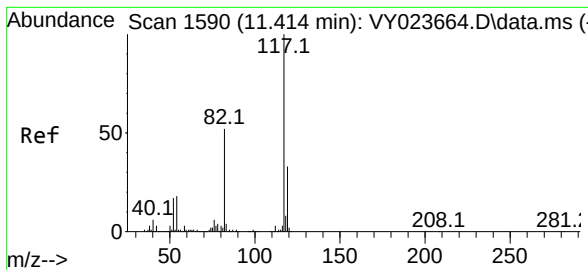
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#62
4-Bromofluorobenzene
Concen: 153.250 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

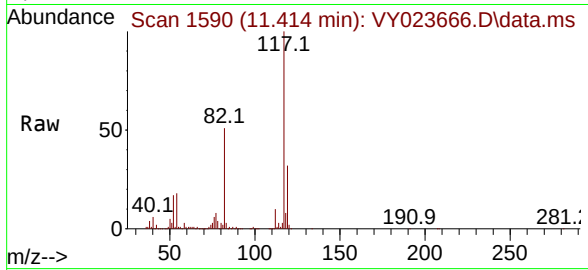
Tgt Ion: 95 Resp: 1040552
Ion Ratio Lower Upper
95 100
174 92.6 0.0 184.8
176 89.8 0.0 181.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

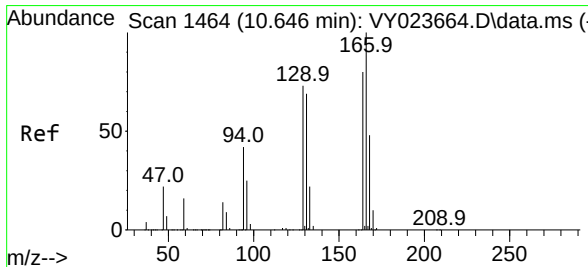
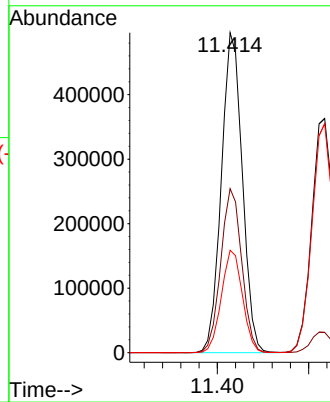
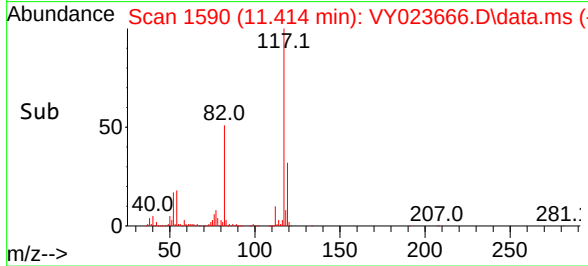
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



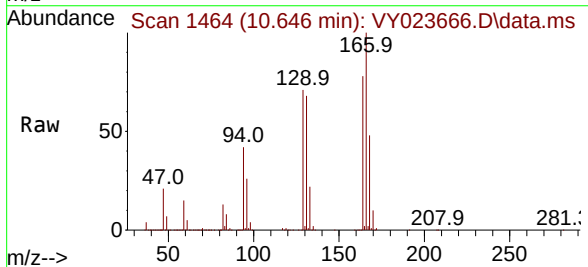
Tgt Ion:117 Resp: 790988
Ion Ratio Lower Upper
117 100
82 51.2 41.2 61.8
119 32.0 26.2 39.2

Manual Integrations
APPROVED

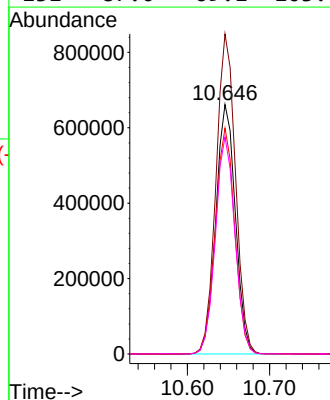
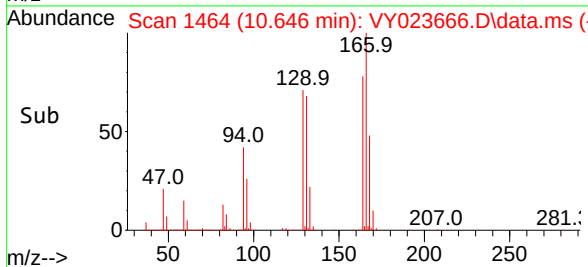
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

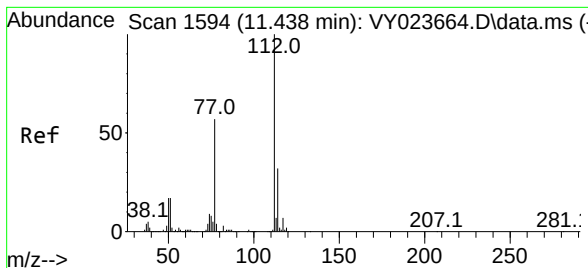


#64
Tetrachloroethene
Concen: 133.211 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



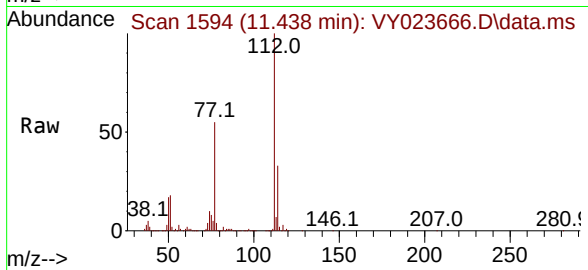
Tgt Ion:164 Resp: 1096726
Ion Ratio Lower Upper
164 100
166 128.3 99.5 149.3
129 90.5 72.3 108.5
131 87.0 69.1 103.7





#65
Chlorobenzene
Concen: 145.689 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

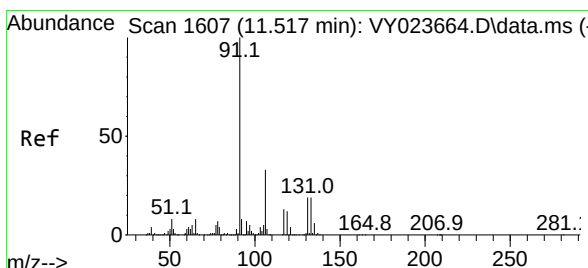
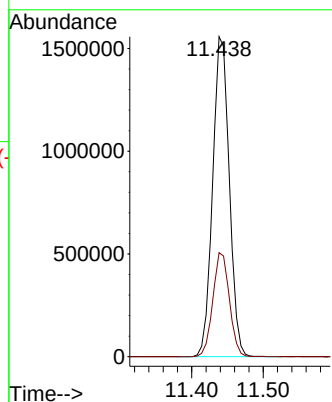
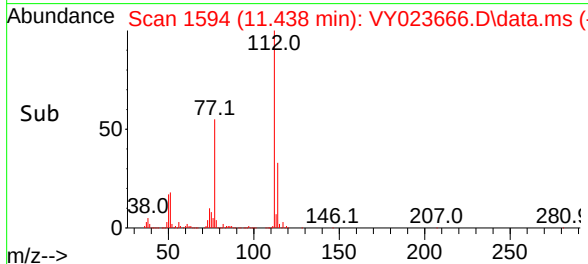
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



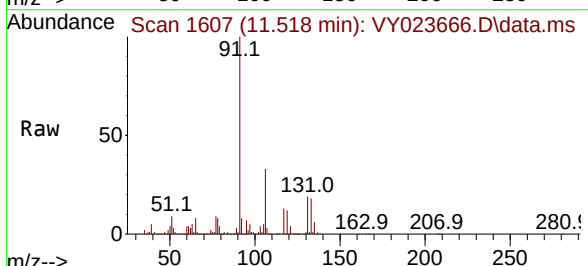
Tgt Ion:112 Resp: 2508744
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

Manual Integrations
APPROVED

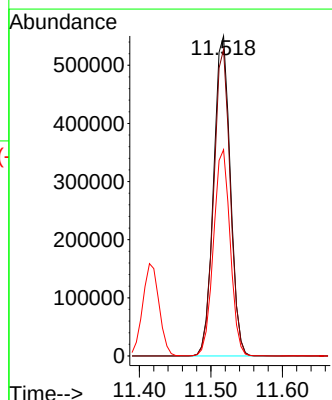
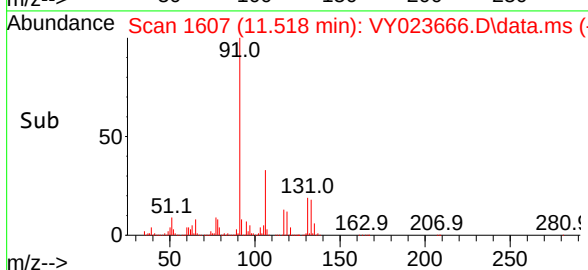
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

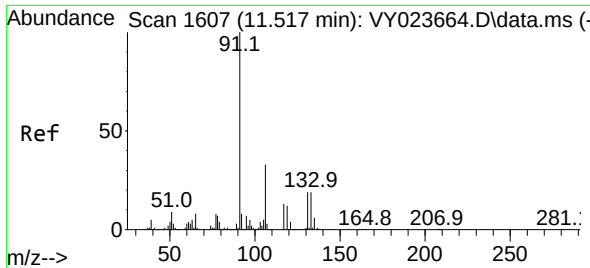


#66
1,1,1,2-Tetrachloroethane
Concen: 146.458 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



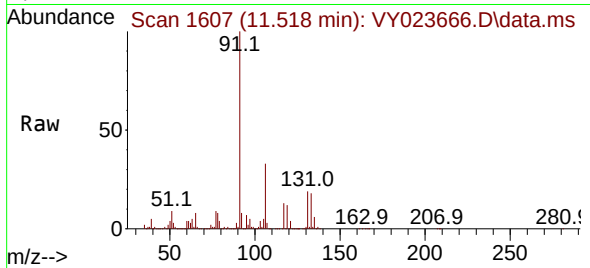
Tgt Ion:131 Resp: 891788
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 64.5 32.5 97.4





#67
Ethyl Benzene
Concen: 154.896 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

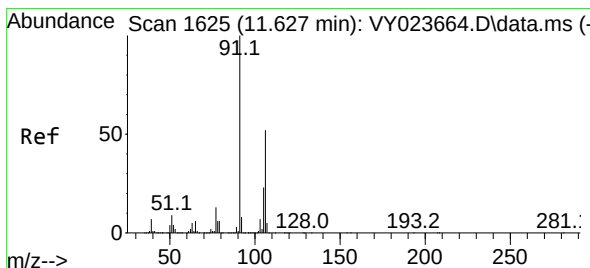
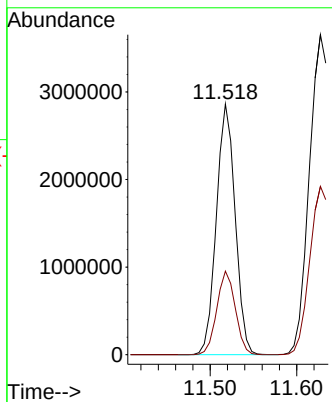
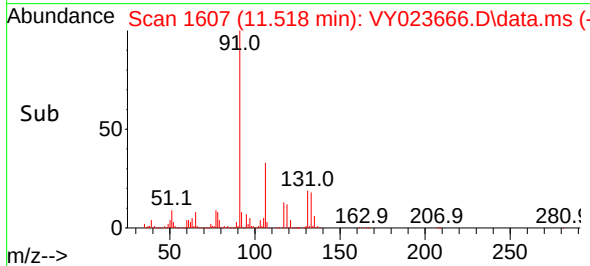
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 431687
Ion Ratio Lower Upper
91 100
106 33.3 26.6 40.0

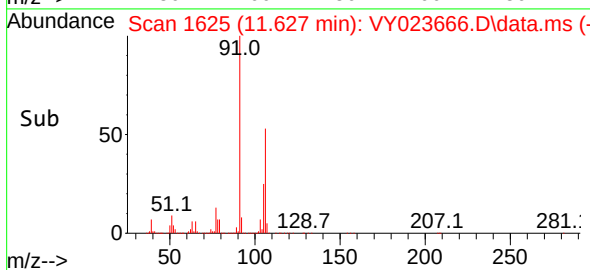
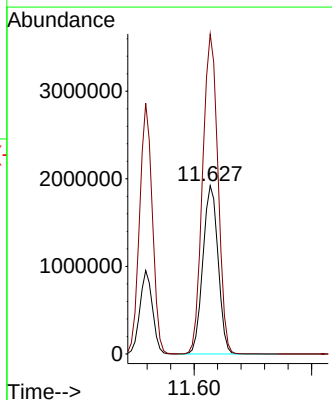
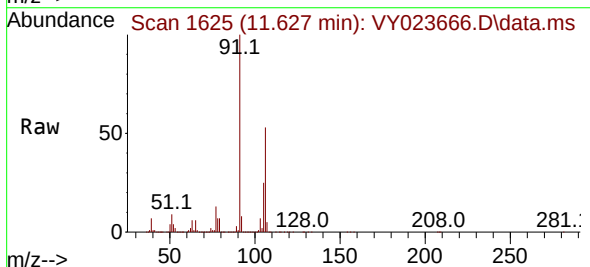
Manual Integrations
APPROVED

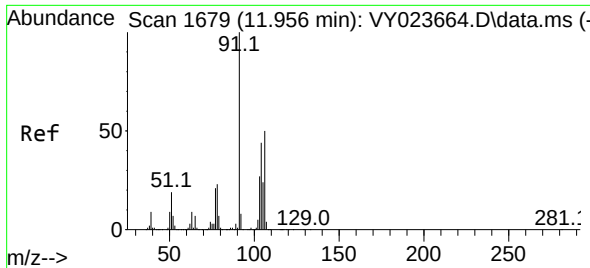
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#68
m/p-Xylenes
Concen: 310.002 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

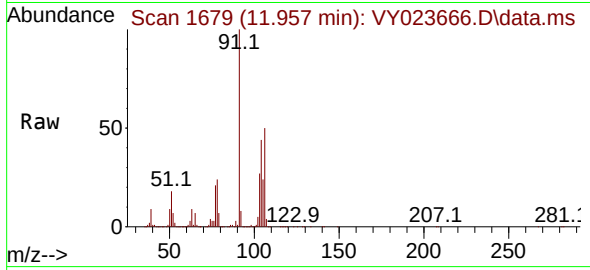
Tgt Ion:106 Resp: 3451849
Ion Ratio Lower Upper
106 100
91 192.0 154.3 231.5





#69
o-Xylene
Concen: 159.402 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

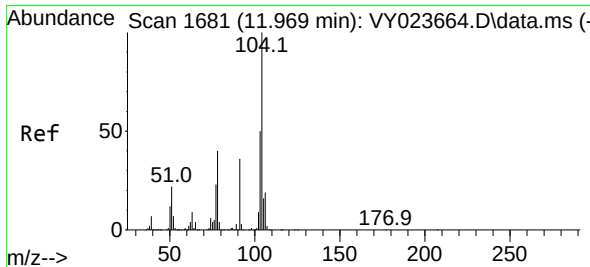
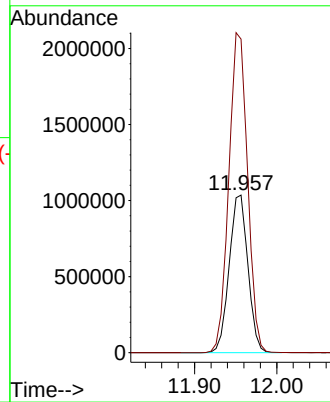
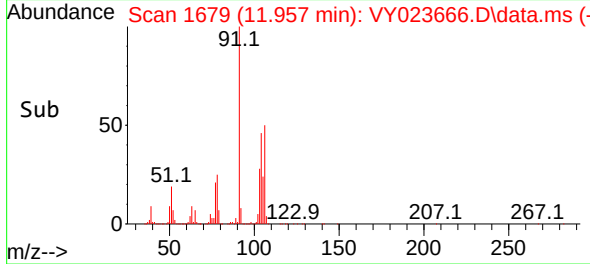
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:106 Resp: 1640734
Ion Ratio Lower Upper
106 100
91 203.2 101.6 304.6

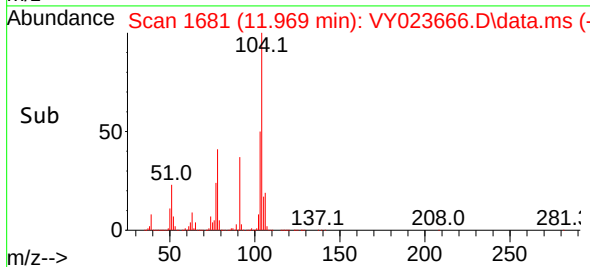
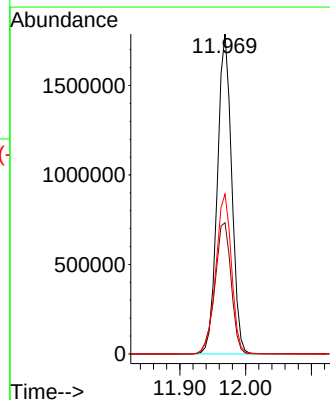
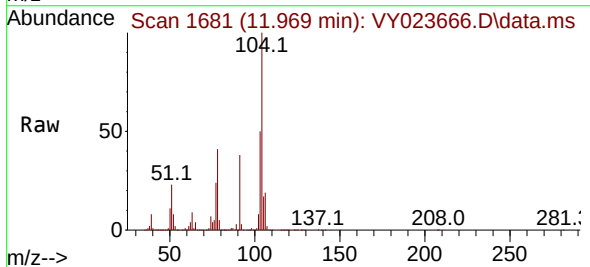
Manual Integrations
APPROVED

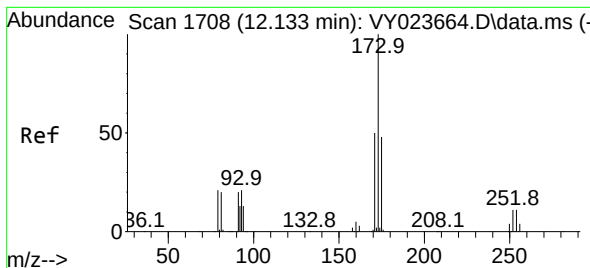
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#70
Styrene
Concen: 159.981 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

Tgt Ion:104 Resp: 2716949
Ion Ratio Lower Upper
104 100
78 46.5 36.5 54.7
103 54.6 43.7 65.5





#71

Bromoform

Concen: 154.254 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 54856

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

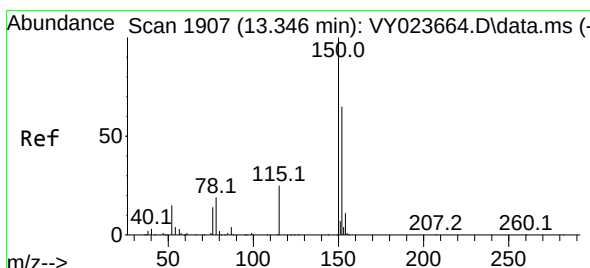
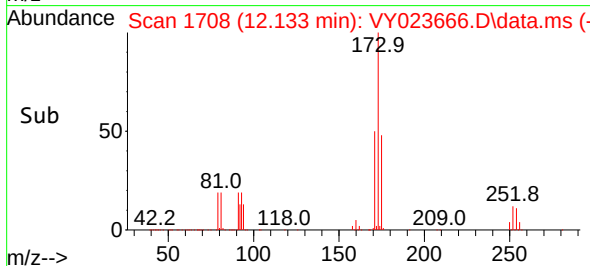
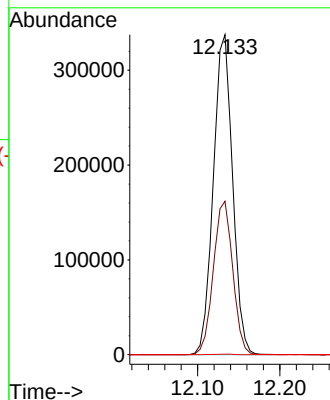
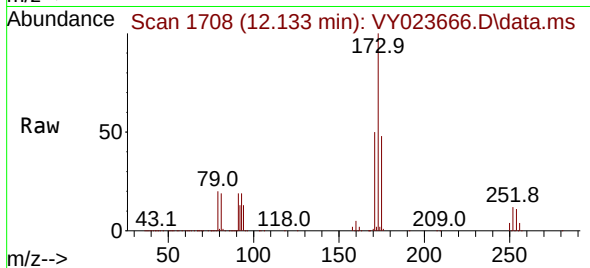
254 0.2 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/05/2025

Supervised By :Mahesh Dadoda 11/05/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

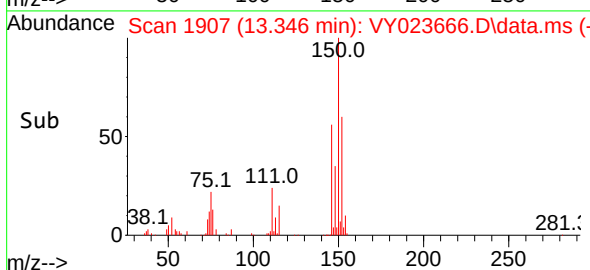
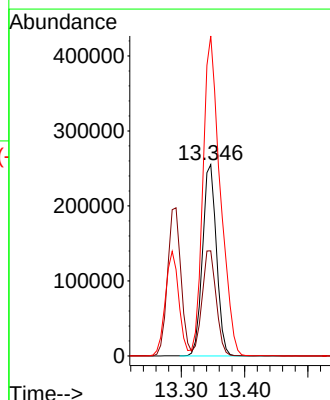
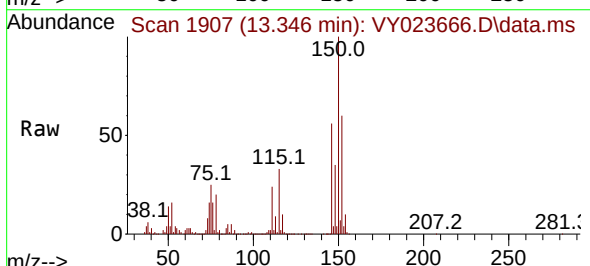
Tgt Ion:152 Resp: 391606

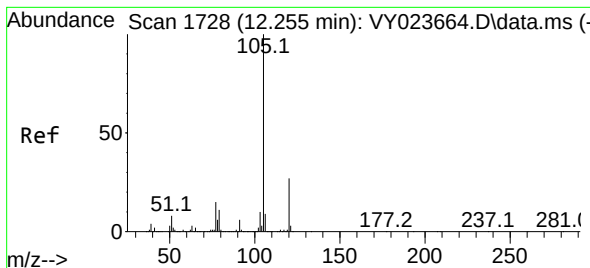
Ion Ratio Lower Upper

152 100

115 55.6 27.5 82.5

150 207.3 0.0 349.0





#73

Isopropylbenzene

Concen: 157.957 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY023666.D

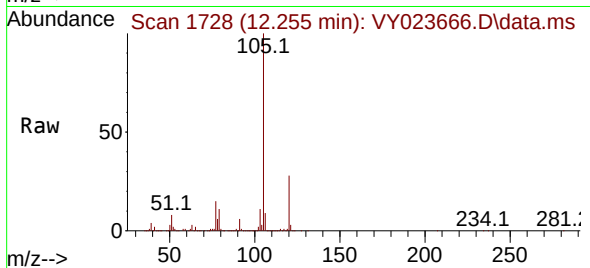
Acq: 04 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150



Tgt Ion:105 Resp: 413709

Ion Ratio Lower Upper

105 100

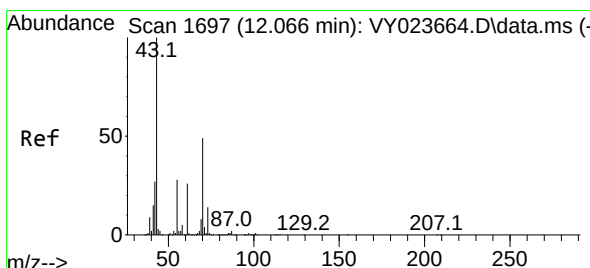
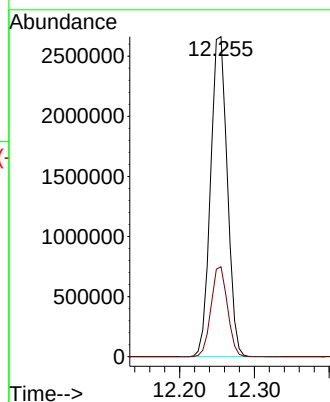
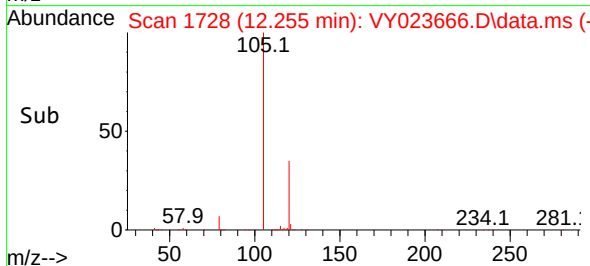
120 27.6 13.6 40.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/05/2025

Supervised By :Mahesh Dadoda 11/05/2025



#74

N-ethyl acetate

Concen: 184.824 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

Tgt Ion: 43 Resp: 819575

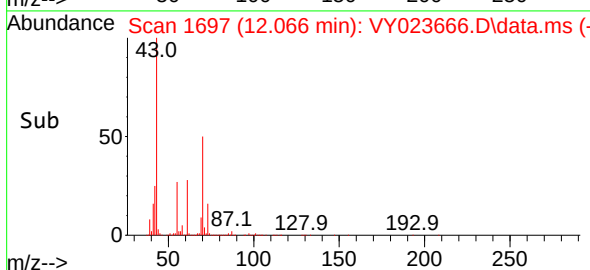
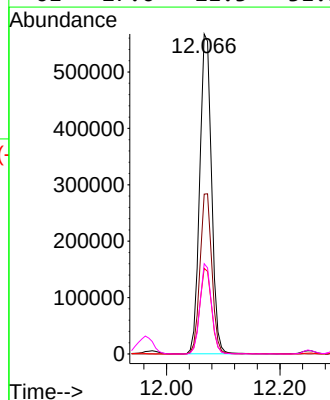
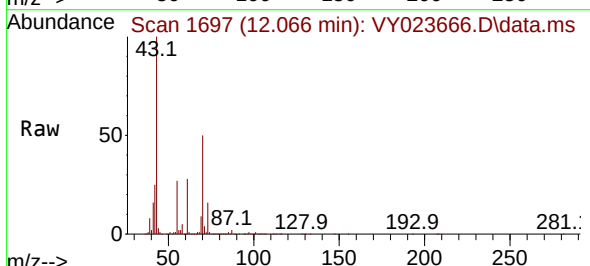
Ion Ratio Lower Upper

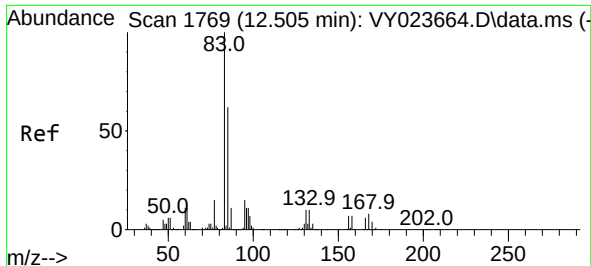
43 100

70 50.5 40.1 60.1

55 26.9 23.0 34.6

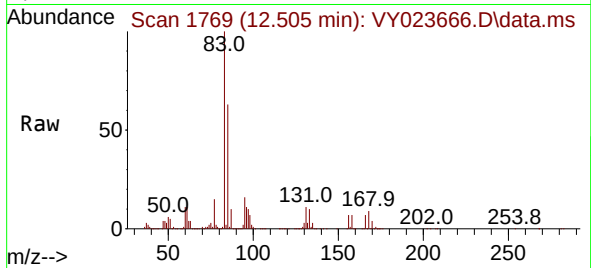
61 27.6 21.3 31.9





#75
1,1,2,2-Tetrachloroethane
Concen: 158.291 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

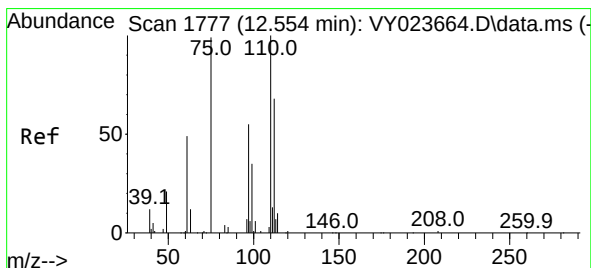
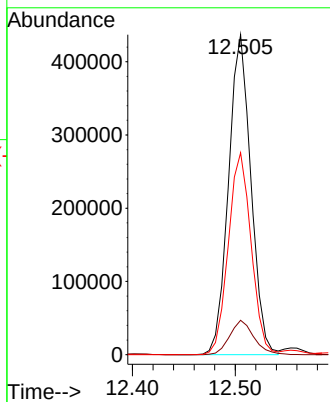
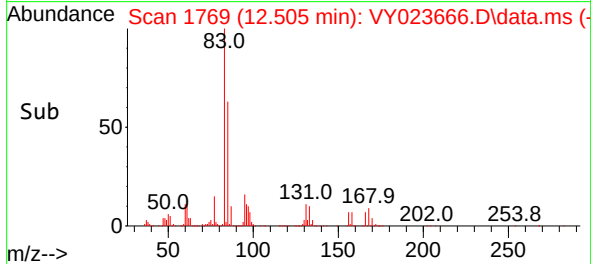
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 66214
Ion Ratio Lower Upper
83 100
131 11.6 5.7 17.0
85 64.4 31.9 95.7

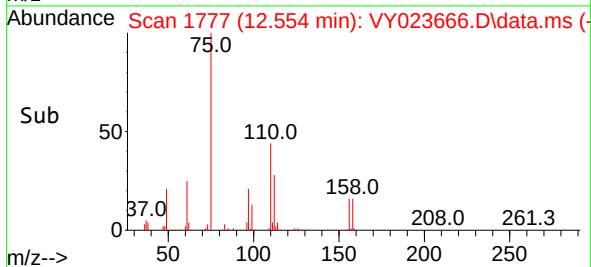
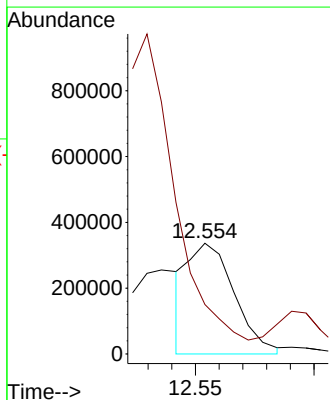
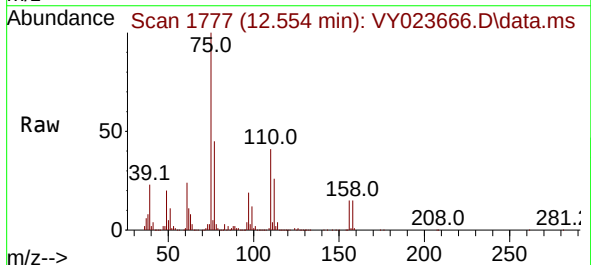
Manual Integrations
APPROVED

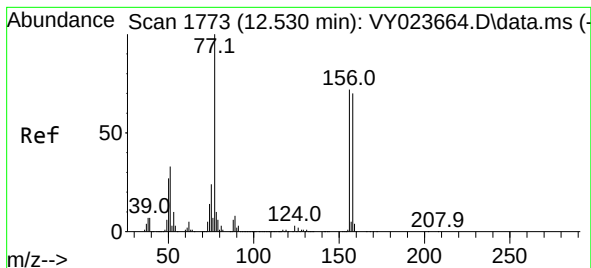
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#76
1,2,3-Trichloropropane
Concen: 145.052 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

Tgt Ion: 75 Resp: 459716
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 153.073 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:156 Resp: 1039954

Ion Ratio Lower Upper

156 100

77 159.0 77.9 233.7

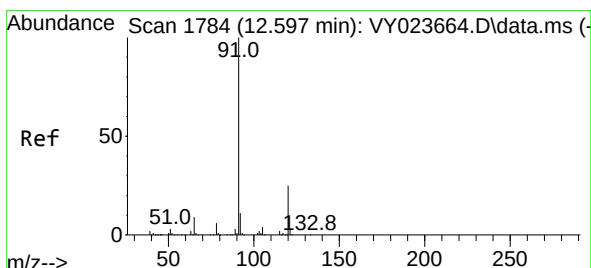
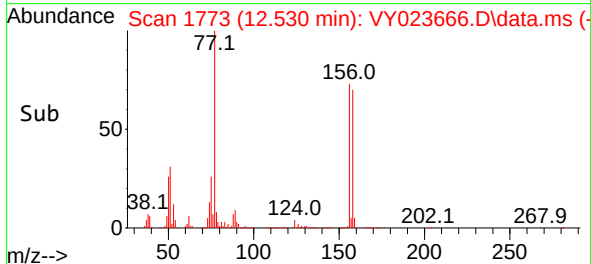
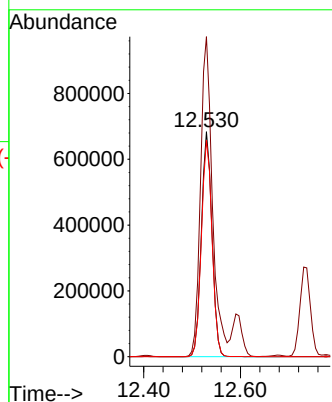
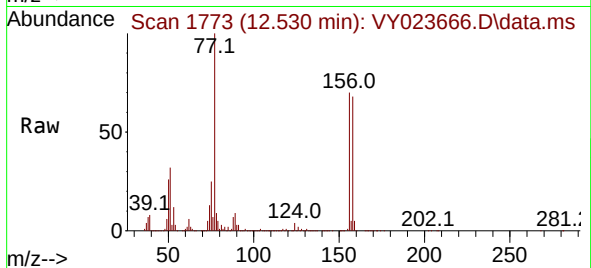
158 97.1 48.5 145.5

Manual Integrations

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Reviewed By :Amit Patel 11/05/2025

Supervised By :Mahesh Dadoda 11/05/2025



#78

n-propylbenzene

Concen: 155.449 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY023666.D

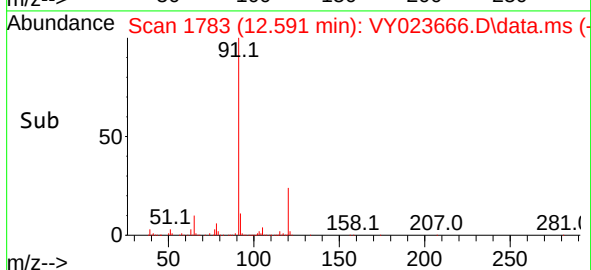
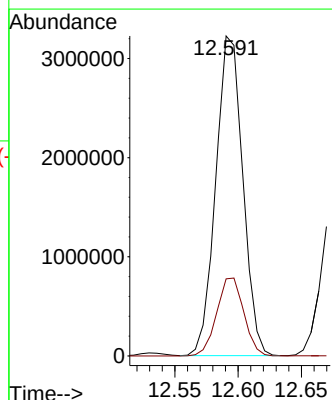
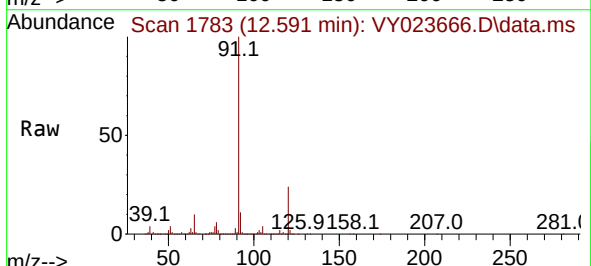
Acq: 04 Nov 2025 11:27

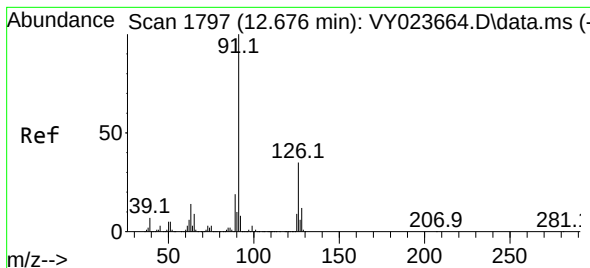
Tgt Ion: 91 Resp: 4789010

Ion Ratio Lower Upper

91 100

120 24.4 12.0 36.1





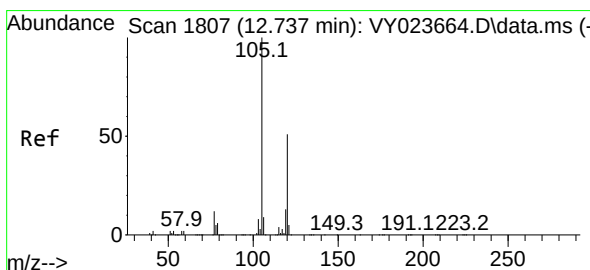
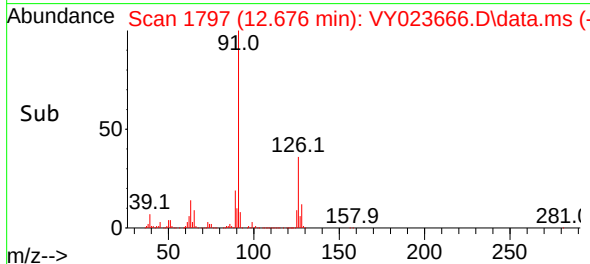
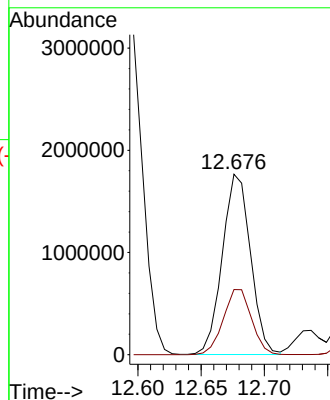
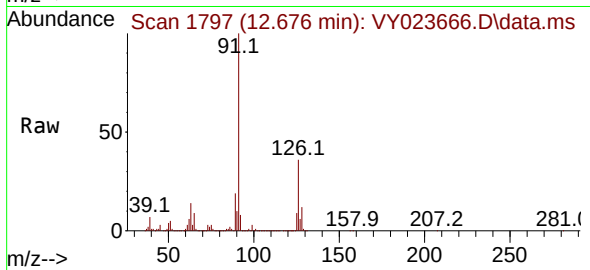
#79
2-Chlorotoluene
Concen: 153.238 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2739475
Ion Ratio Lower Upper
91 100
126 36.3 18.0 54.0

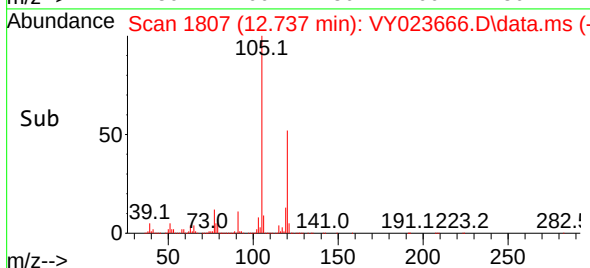
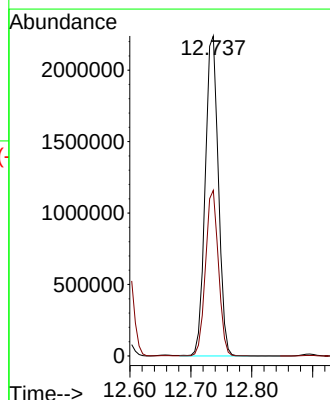
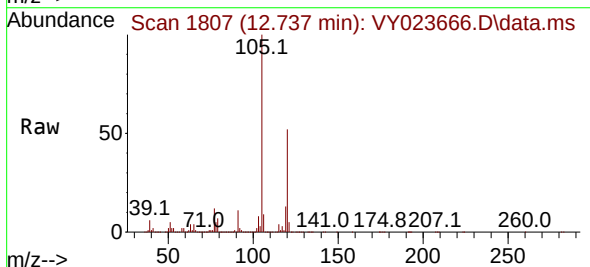
Manual Integrations
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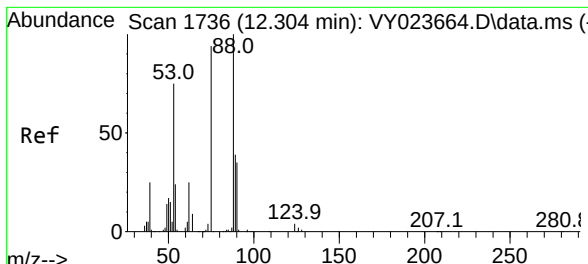
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#80
1,3,5-Trimethylbenzene
Concen: 157.728 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

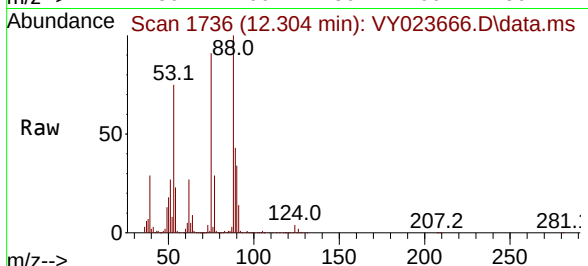
Tgt Ion:105 Resp: 3356489
Ion Ratio Lower Upper
105 100
120 50.9 25.4 76.2





#81
trans-1,4-Dichloro-2-butene
Concen: 164.538 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

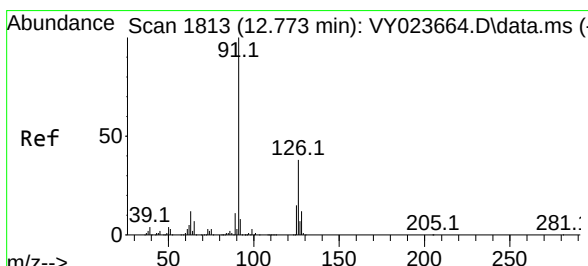
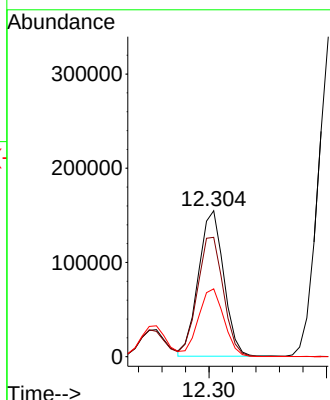
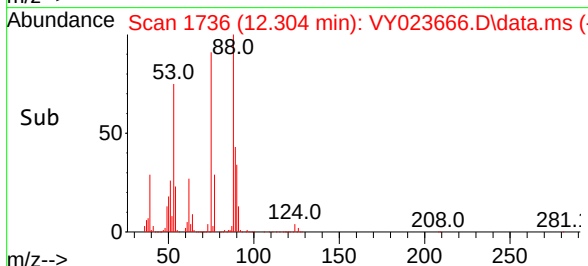
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



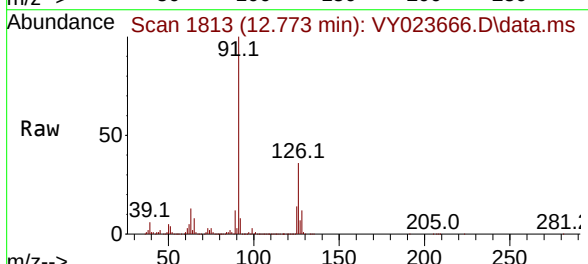
Tgt Ion: 75 Resp: 230740
Ion Ratio Lower Upper
75 100
53 84.1 69.6 104.4
89 47.5 38.2 57.4

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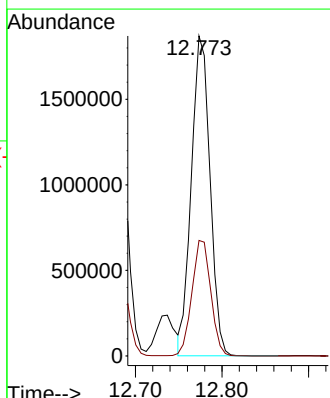
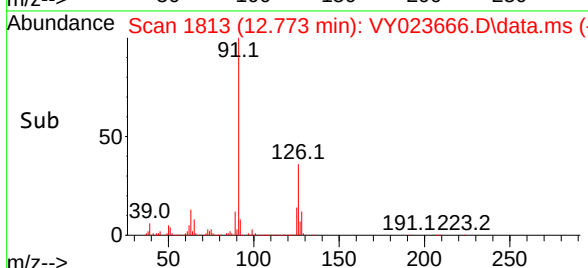
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

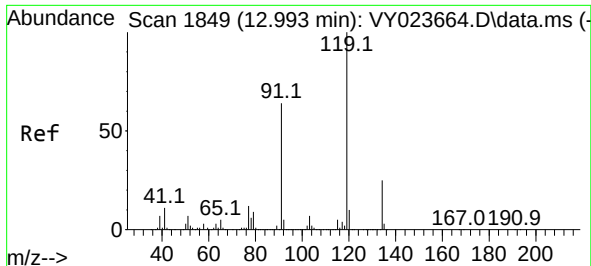


#82
4-Chlorotoluene
Concen: 151.827 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



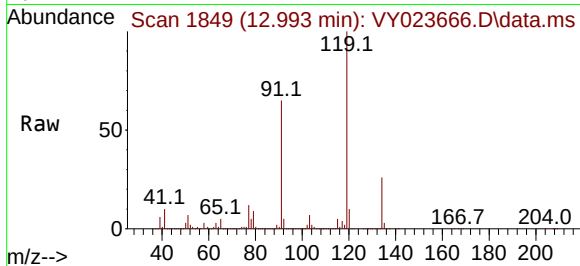
Tgt Ion: 91 Resp: 2799224
Ion Ratio Lower Upper
91 100
126 36.6 18.1 54.4





#83
tert-Butylbenzene
Concen: 162.060 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

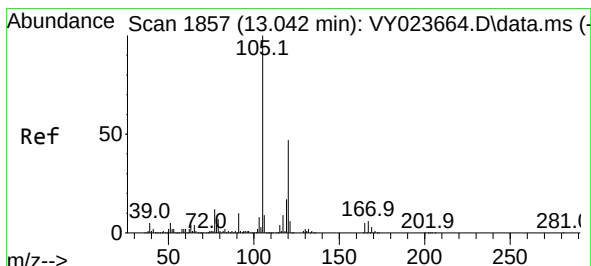
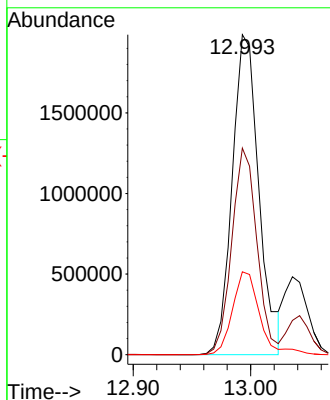
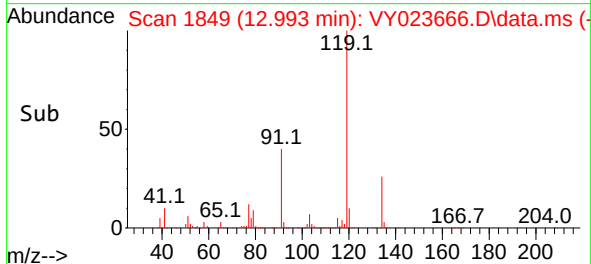
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



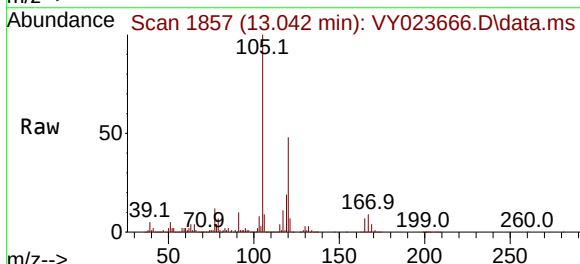
Tgt Ion:119 Resp: 314096
Ion Ratio Lower Upper
119 100
91 60.9 30.7 92.1
134 26.4 13.1 39.1

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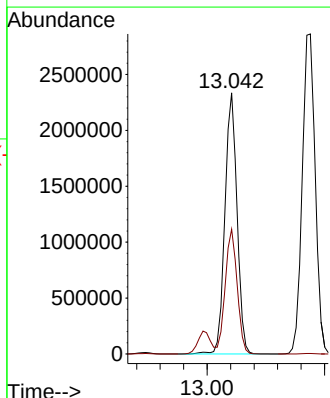
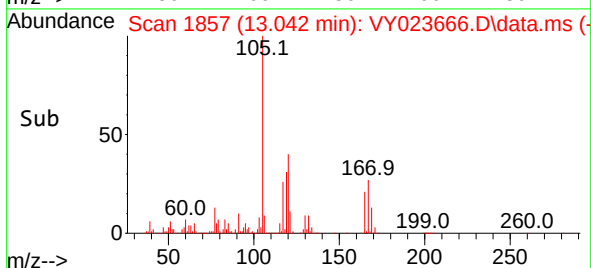
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

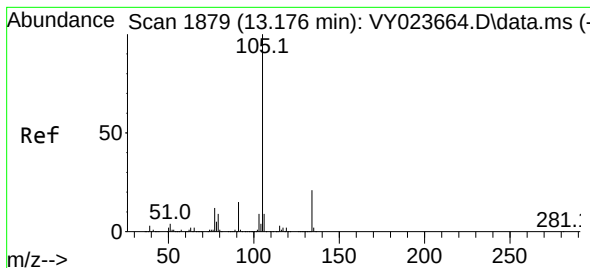


#84
1,2,4-Trimethylbenzene
Concen: 158.616 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



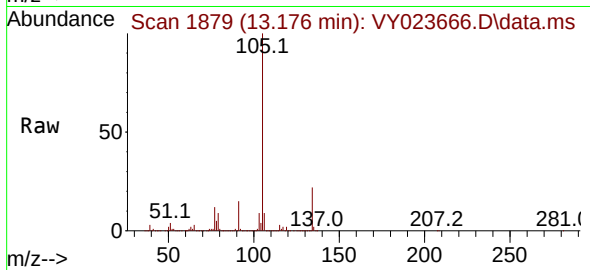
Tgt Ion:105 Resp: 3343184
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 156.408 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023666.D
 Acq: 04 Nov 2025 11:27

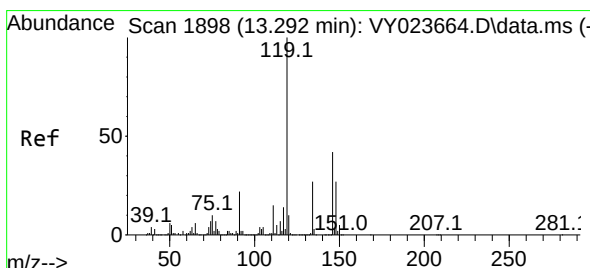
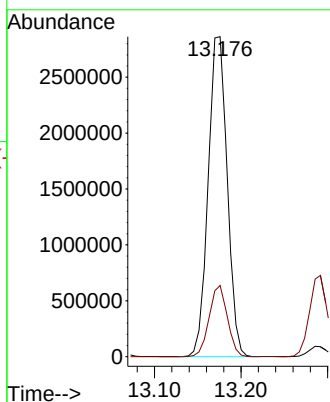
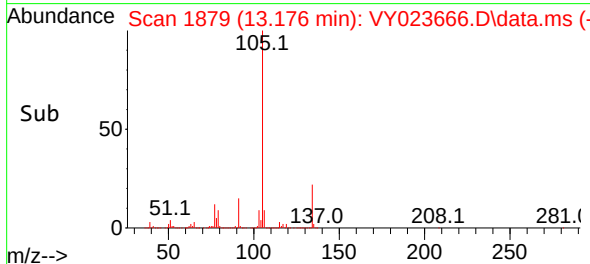
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



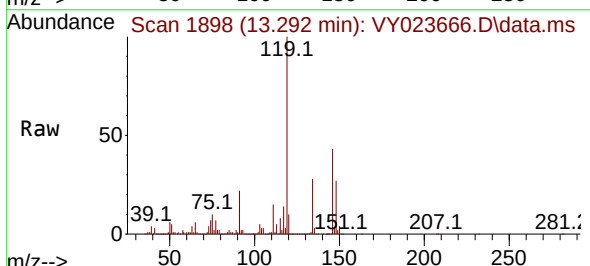
Tgt Ion:105 Resp: 4372340
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.4

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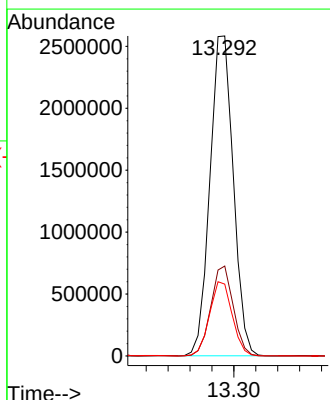
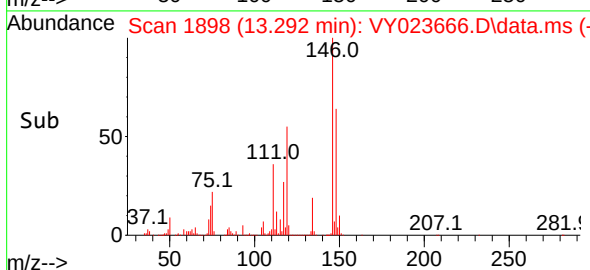
Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025

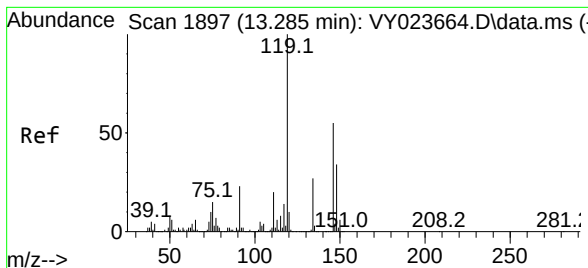


#86
 p-Isopropyltoluene
 Concen: 161.714 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023666.D
 Acq: 04 Nov 2025 11:27



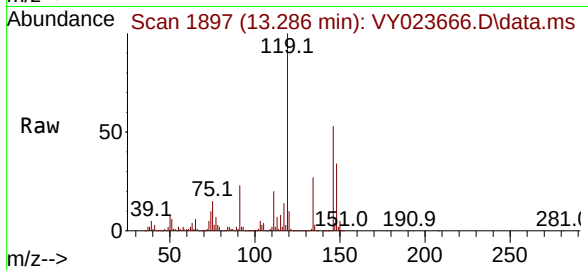
Tgt Ion:119 Resp: 3826970
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 22.5 11.1 33.1





#87
1,3-Dichlorobenzene
Concen: 150.136 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

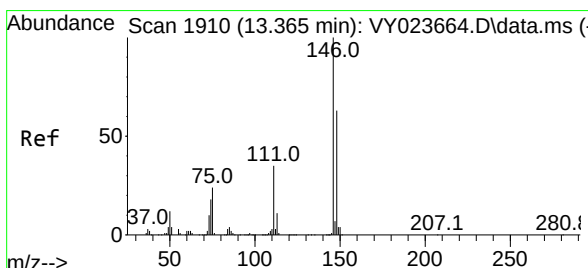
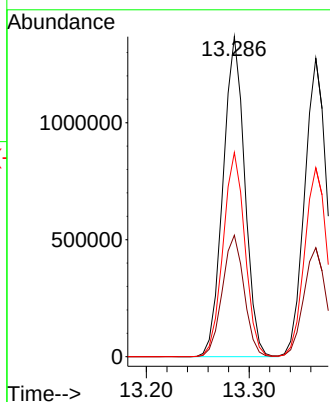
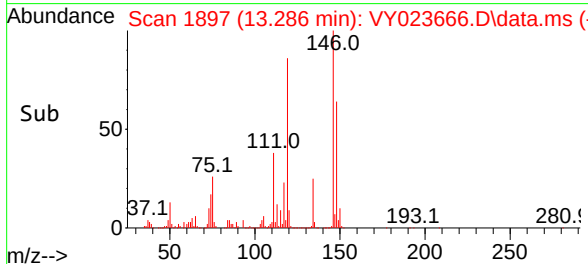
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



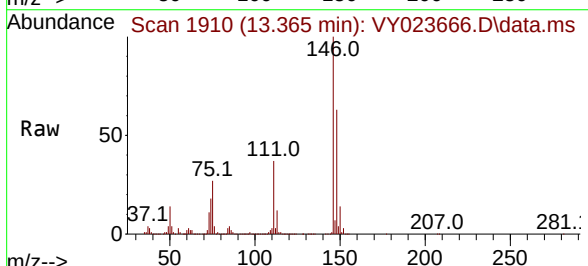
Tgt Ion:146 Resp: 200758
Ion Ratio Lower Upper
146 100
111 38.0 18.8 56.3
148 64.1 31.9 95.5

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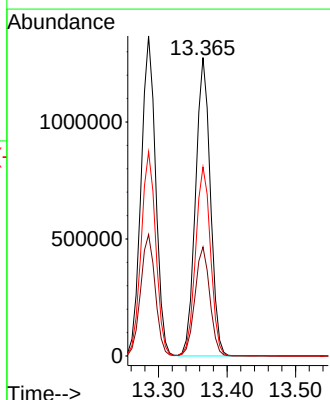
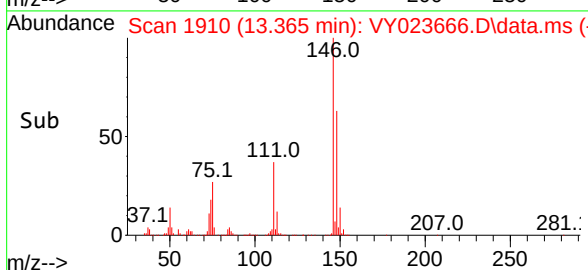
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

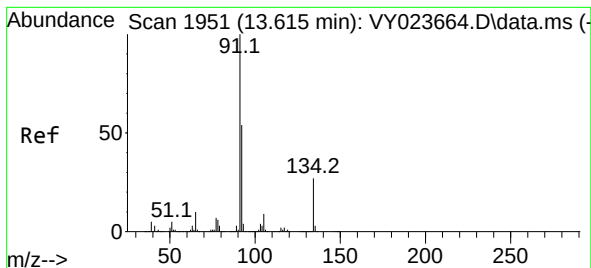


#88
1,4-Dichlorobenzene
Concen: 145.749 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27



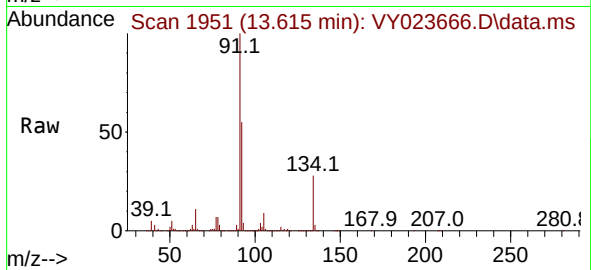
Tgt Ion:146 Resp: 1914429
Ion Ratio Lower Upper
146 100
111 36.6 18.3 54.8
148 64.2 31.8 95.3





#89
n-Butylbenzene
Concen: 162.367 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

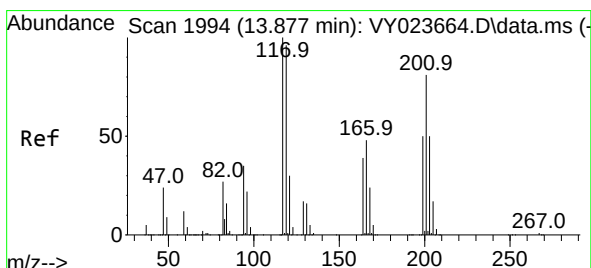
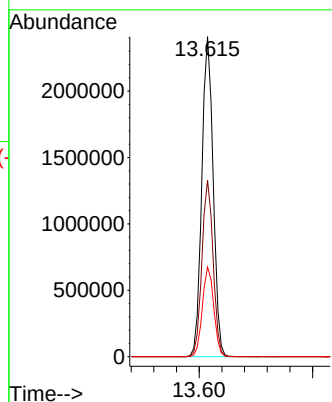
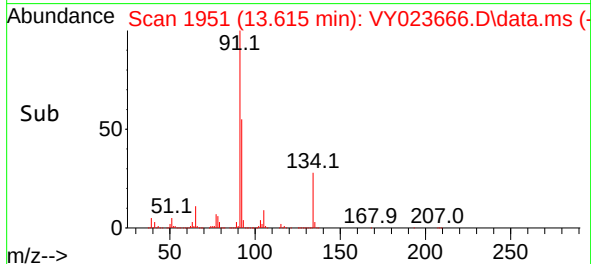
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 3341235
Ion Ratio Lower Upper
91 100
92 54.4 26.5 79.4
134 28.1 13.7 41.1

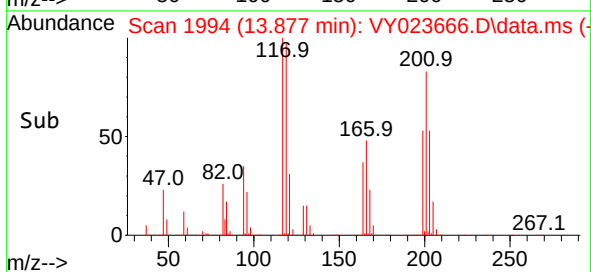
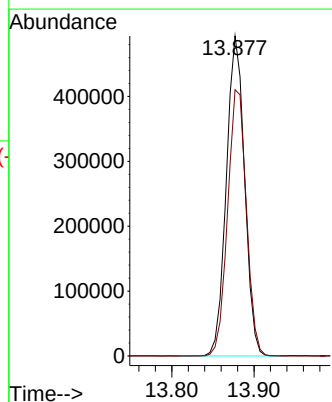
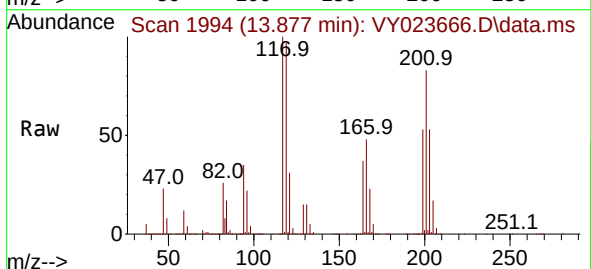
Manual Integrations
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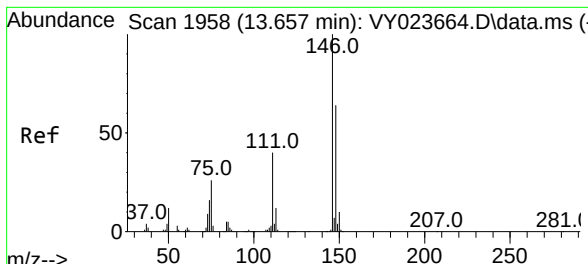
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#90
Hexachloroethane
Concen: 149.685 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

Tgt Ion:117 Resp: 761235
Ion Ratio Lower Upper
117 100
201 85.5 42.3 126.8





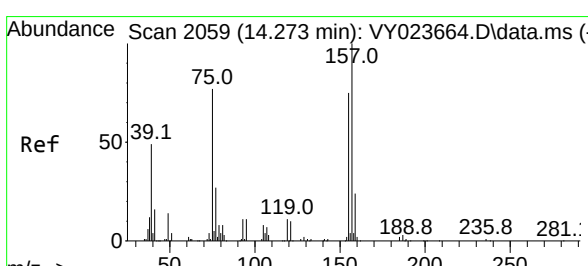
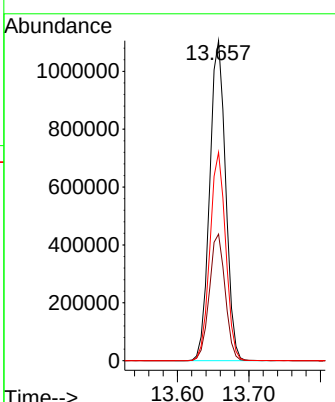
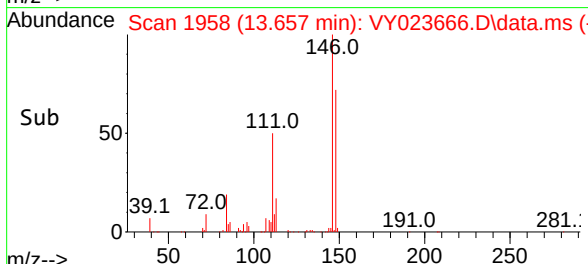
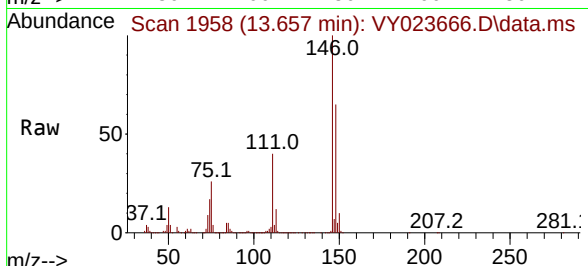
#91
 1,2-Dichlorobenzene
 Concen: 148.493 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023666.D
 Acq: 04 Nov 2025 11:27

Instrument : MSVOA_Y
 ClientSampleId : VSTDIC150

Tgt Ion:146 Resp: 171116

Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.5	58.5
148	64.4	31.9	95.9

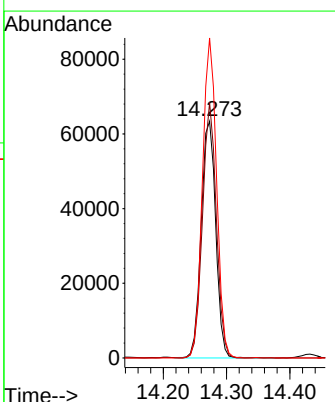
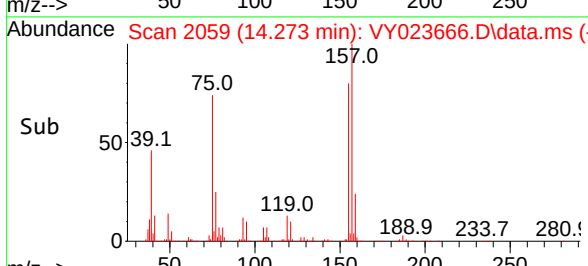
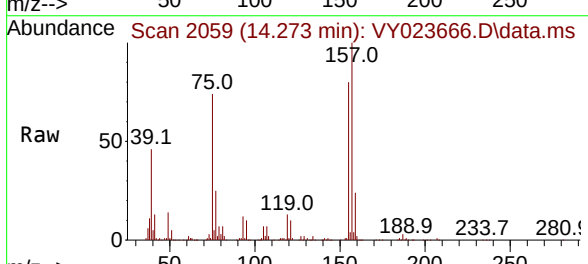
Manual Integrations
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 Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025

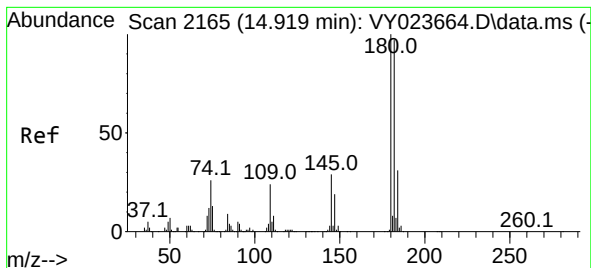


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 157.511 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023666.D
 Acq: 04 Nov 2025 11:27

Tgt Ion: 75 Resp: 101448

Ion	Ratio	Lower	Upper
75	100		
155	102.9	49.4	148.2
157	130.9	63.2	189.8





#93

1,2,4-Trichlorobenzene

Concen: 168.205 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 1108704

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.6

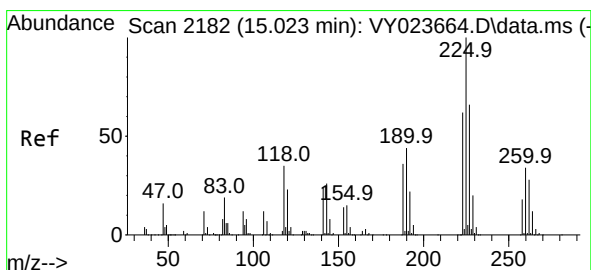
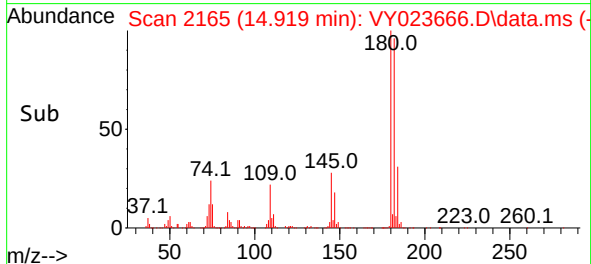
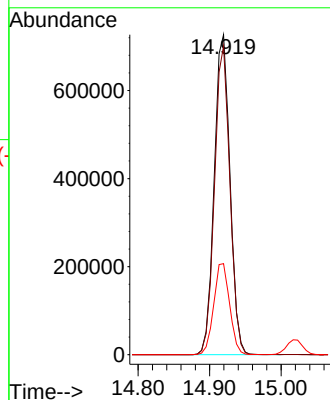
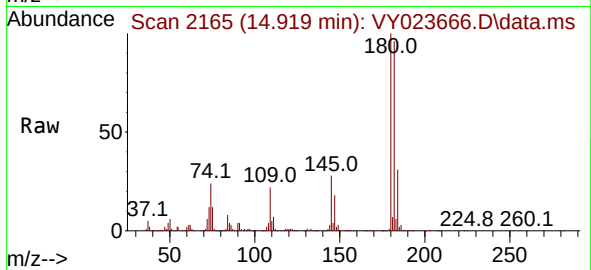
145 28.9 14.4 43.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/05/2025

Supervised By :Mahesh Dadoda 11/05/2025



#94

Hexachlorobutadiene

Concen: 148.620 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023666.D

Acq: 04 Nov 2025 11:27

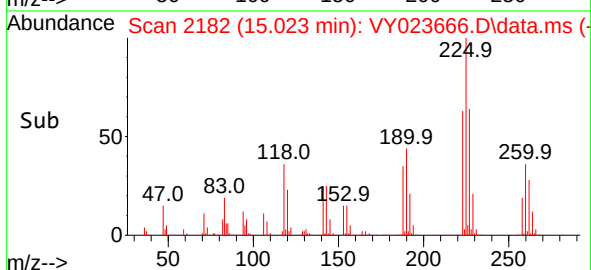
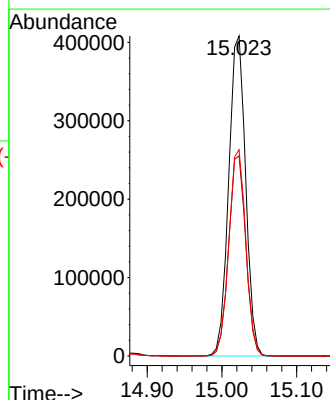
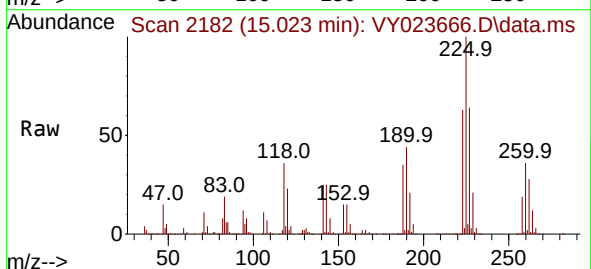
Tgt Ion:225 Resp: 641847

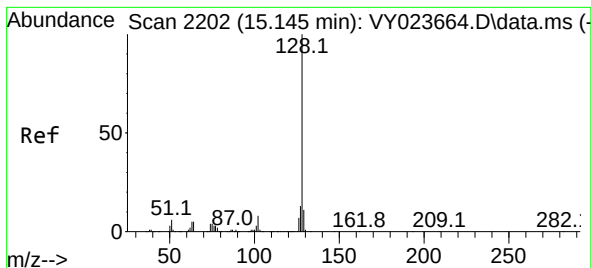
Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

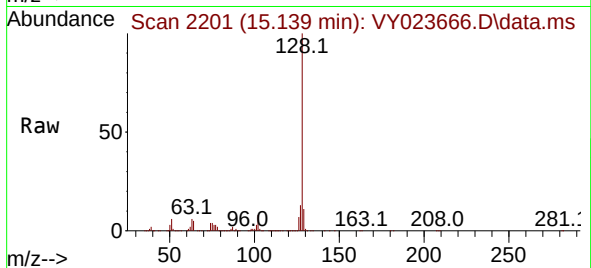
227 64.6 32.0 96.2





#95
Naphthalene
Concen: 152.117 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

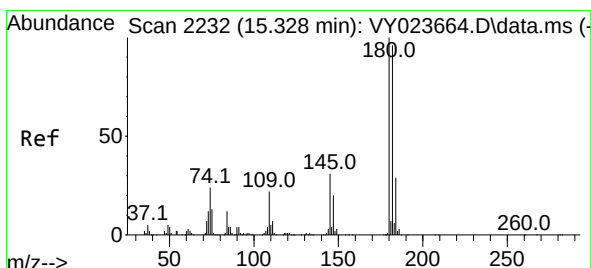
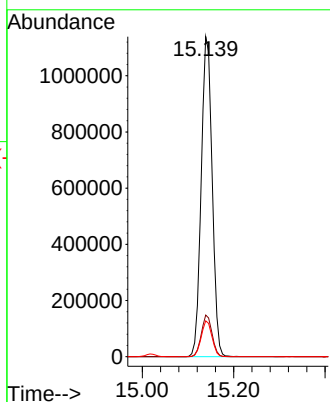
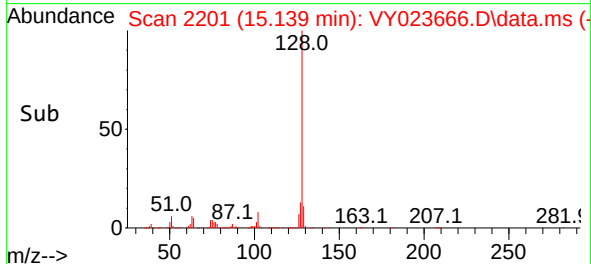
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 189129
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 168.759 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023666.D
Acq: 04 Nov 2025 11:27

Tgt Ion:180 Resp: 929367
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.6
145 30.9 15.5 46.5

