

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
 Data File : VY023777.D
 Acq On : 13 Nov 2025 11:09
 Operator : SY/MD
 Sample : VY1113SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 14 04:24:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	571249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	854908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	744787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	370605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	252195	51.755	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.520%			
35) Dibromofluoromethane	7.634	113	275464	51.560	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.120%			
50) Toluene-d8	10.103	98	1051858	52.853	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.700%			
62) 4-Bromofluorobenzene	12.402	95	342483	53.214	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	82044	21.880	ug/l	99
3) Chloromethane	2.074	50	105950	20.191	ug/l	99
4) Vinyl Chloride	2.208	62	132501	19.405	ug/l	97
5) Bromomethane	2.592	94	106704	18.578	ug/l	98
6) Chloroethane	2.733	64	89145	18.890	ug/l	98
7) Trichlorofluoromethane	3.056	101	193519	20.123	ug/l	97
8) Diethyl Ether	3.458	74	50893	19.735	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	112004	21.139	ug/l	99
10) Methyl Iodide	4.007	142	112238	17.939	ug/l	99
11) Tert butyl alcohol	4.848	59	39520	125.779	ug/l #	94
12) 1,1-Dichloroethene	3.787	96	104144	20.405	ug/l	94
13) Acrolein	3.653	56	31573	78.180	ug/l	97
14) Allyl chloride	4.385	41	128784	20.730	ug/l	95
15) Acrylonitrile	5.061	53	99415	100.875	ug/l	99
16) Acetone	3.866	43	133888	110.538	ug/l	96
17) Carbon Disulfide	4.104	76	321723	20.538	ug/l	99
18) Methyl Acetate	4.385	43	41752	15.628	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	229916	19.427	ug/l	99
20) Methylene Chloride	4.616	84	118437	20.255	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	118069	20.517	ug/l	97
22) Diisopropyl ether	6.019	45	296346	21.408	ug/l	96
23) Vinyl Acetate	5.964	43	773184	104.667	ug/l	100
24) 1,1-Dichloroethane	5.915	63	192988	20.927	ug/l	99
25) 2-Butanone	6.896	43	148847	106.288	ug/l	99
26) 2,2-Dichloropropane	6.884	77	177700	20.948	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	132037	20.089	ug/l	98
28) Bromochloromethane	7.244	49	74503	21.100	ug/l	94
29) Tetrahydrofuran	7.262	42	72197	96.803	ug/l	98
30) Chloroform	7.421	83	211322	20.538	ug/l	99
31) Cyclohexane	7.701	56	168746	21.012	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	189251	20.580	ug/l	100
36) 1,1-Dichloropropene	7.835	75	147160	20.613	ug/l	99
37) Ethyl Acetate	6.982	43	55692	20.151	ug/l	99
38) Carbon Tetrachloride	7.817	117	171022	20.332	ug/l	97
39) Methylcyclohexane	9.109	83	180758	19.816	ug/l	96
40) Benzene	8.079	78	464263	20.631	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	25322m	16.786	ug/l	
42) 1,2-Dichloroethane	8.152	62	111254	19.542	ug/l	99
43) Isopropyl Acetate	8.195	43	99669	19.194	ug/l	99
44) Trichloroethene	8.866	130	124906	19.325	ug/l	96
45) 1,2-Dichloropropane	9.140	63	102474	20.633	ug/l	99
46) Dibromomethane	9.231	93	59853	19.450	ug/l	97
47) Bromodichloromethane	9.420	83	157413	20.289	ug/l	98
48) Methyl methacrylate	9.219	41	46318	18.879	ug/l	96
49) 1,4-Dioxane	9.231	88	12032	382.065	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	268785	97.332	ug/l	99
52) Toluene	10.170	92	296348	20.627	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	128802	19.620	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	156760	19.931	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	81084	19.717	ug/l	96
56) Ethyl methacrylate	10.438	69	85612	18.895	ug/l	100
57) 1,3-Dichloropropane	10.713	76	129649	19.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	204228	98.226	ug/l	98
59) 2-Hexanone	10.762	43	203510	101.011	ug/l	99
60) Dibromochloromethane	10.908	129	109344	19.351	ug/l	100
61) 1,2-Dibromoethane	11.012	107	74118	19.205	ug/l	100
64) Tetrachloroethene	10.646	164	147823	19.069	ug/l	98
65) Chlorobenzene	11.438	112	323200	19.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	112867	19.686	ug/l	99
67) Ethyl Benzene	11.518	91	527652	20.107	ug/l	97
68) m/p-Xylenes	11.627	106	426889	40.716	ug/l	99
69) o-Xylene	11.950	106	191040	19.711	ug/l	97
70) Styrene	11.969	104	319808	19.999	ug/l	99
71) Bromoform	12.127	173	63439	18.945	ug/l #	98
73) Isopropylbenzene	12.255	105	503084	20.296	ug/l	100
74) N-amyl acetate	12.066	43	83057	19.792	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	80572	20.353	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	57357m	19.123	ug/l	
77) Bromobenzene	12.530	156	127235	19.789	ug/l	95
78) n-propylbenzene	12.591	91	605532	20.769	ug/l	99
79) 2-Chlorotoluene	12.676	91	350932	20.742	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	415196	20.617	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	24733	18.636	ug/l	99
82) 4-Chlorotoluene	12.773	91	361606	20.725	ug/l	99
83) tert-Butylbenzene	12.993	119	365003	19.900	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	409365	20.523	ug/l	100
85) sec-Butylbenzene	13.176	105	538142	20.341	ug/l	100
86) p-Isopropyltoluene	13.292	119	449740	20.081	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	251073	19.840	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	245279	19.732	ug/l	98
89) n-Butylbenzene	13.615	91	397748	20.424	ug/l	99
90) Hexachloroethane	13.877	117	100331	20.846	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	213329	19.562	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12030	19.736	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	139193	22.314	ug/l	98
94) Hexachlorobutadiene	15.023	225	96394	23.585	ug/l	100
95) Naphthalene	15.139	128	202867	21.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	122243	23.455	ug/l	99

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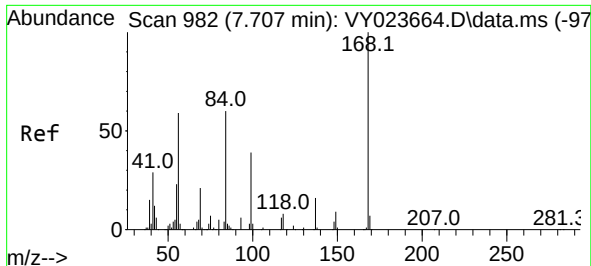
Manual Integrations
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Response via : Initial Calibration

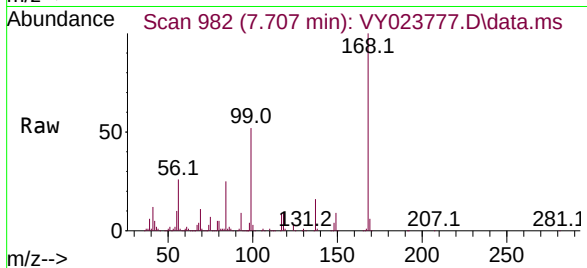
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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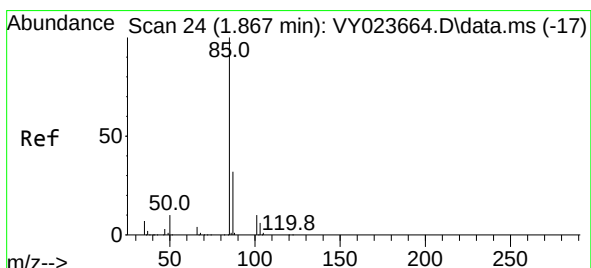
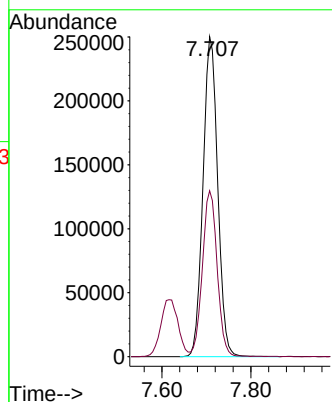
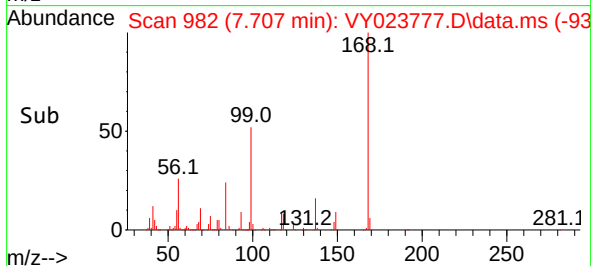
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



Tgt Ion:168 Resp: 571249
Ion Ratio Lower Upper
168 100
99 51.8 41.0 61.4

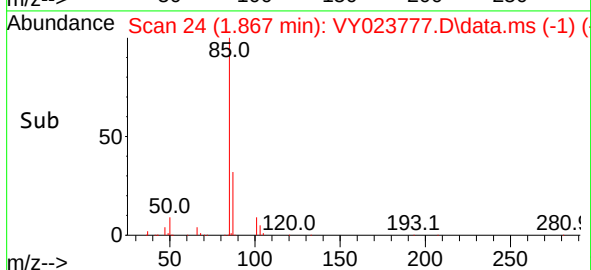
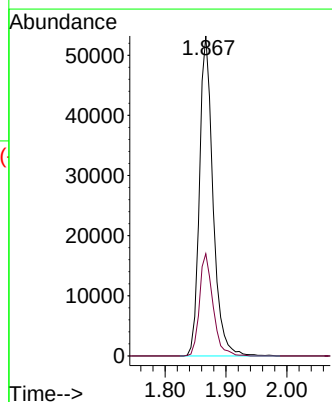
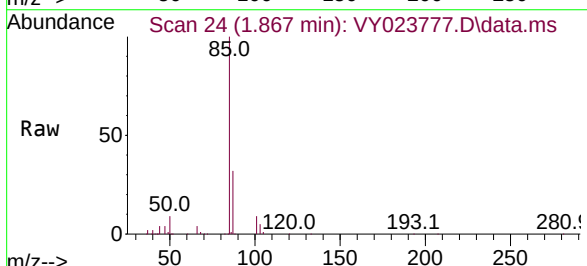
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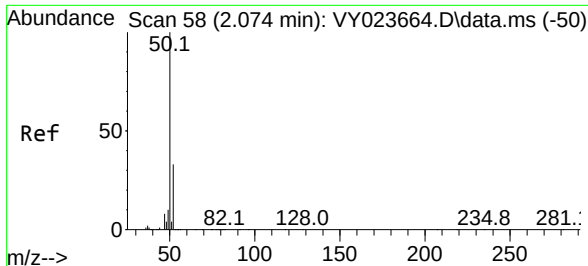
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#2
Dichlorodifluoromethane
Concen: 21.880 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

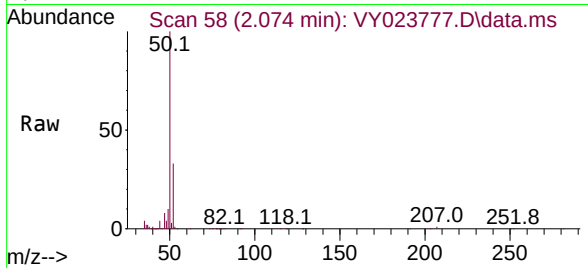
Tgt Ion: 85 Resp: 82044
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.6





#3
Chloromethane
Concen: 20.191 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

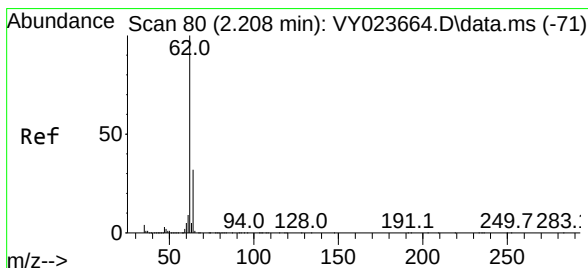
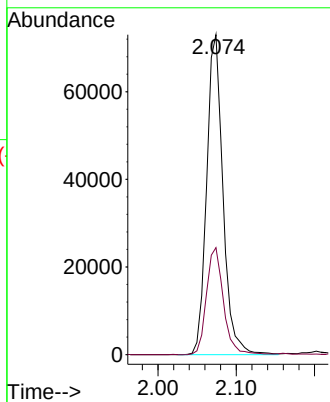
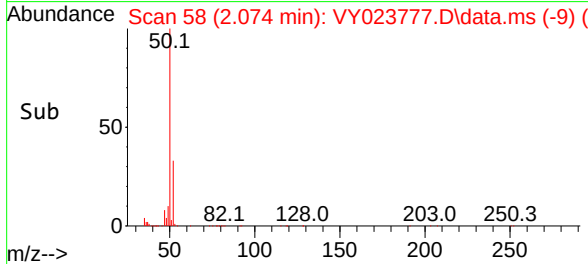
Instrument :
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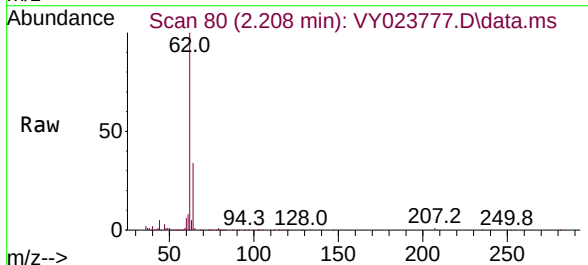
Tgt Ion: 50 Resp: 105950
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

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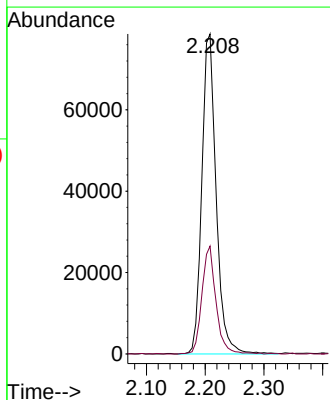
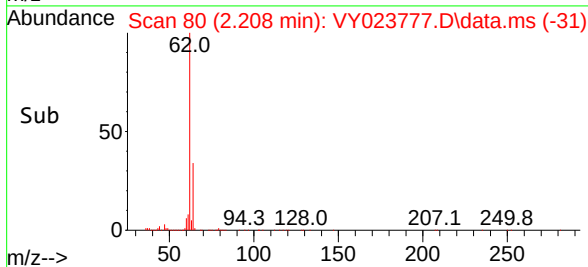
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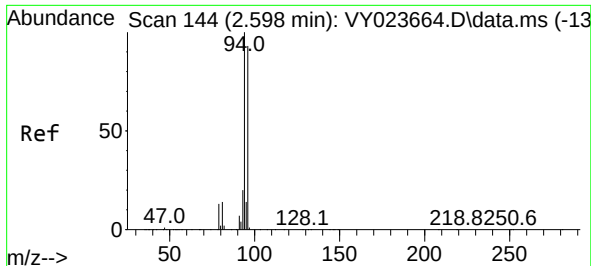


#4
Vinyl Chloride
Concen: 19.405 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



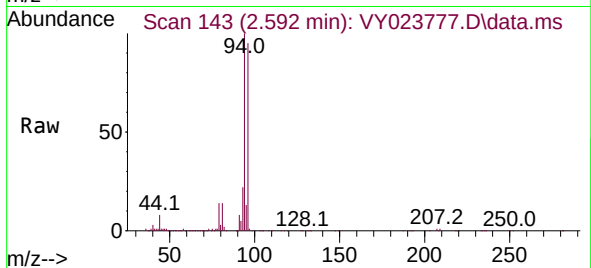
Tgt Ion: 62 Resp: 132501
Ion Ratio Lower Upper
62 100
64 33.7 25.7 38.5





#5
Bromomethane
Concen: 18.578 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

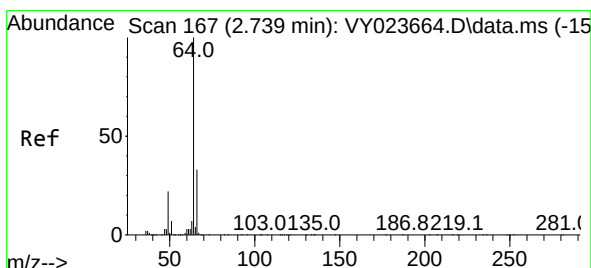
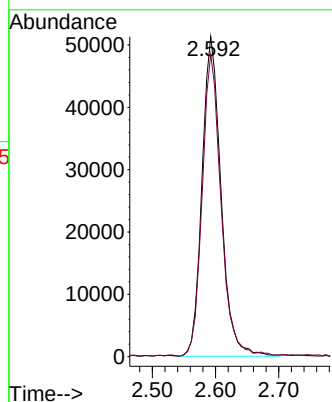
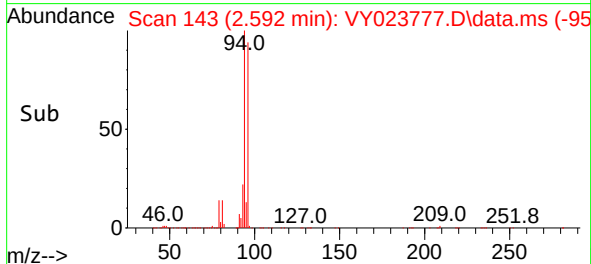
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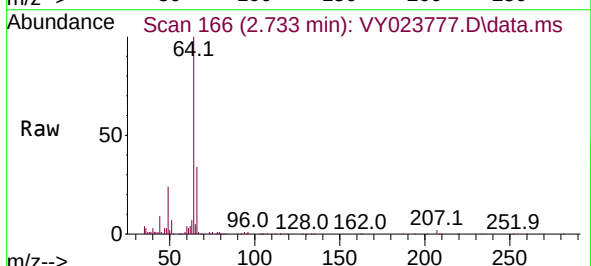
Tgt Ion: 94 Resp: 106704
Ion Ratio Lower Upper
94 100
96 94.5 74.4 111.6

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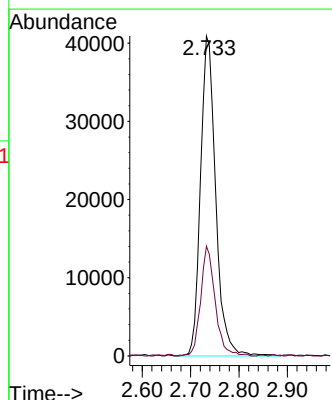
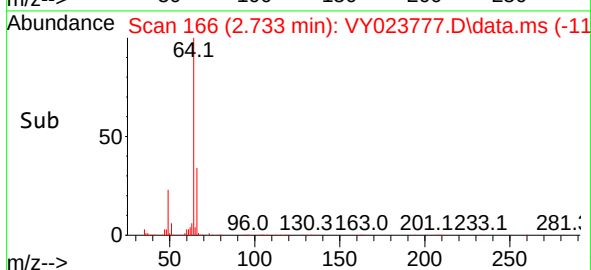
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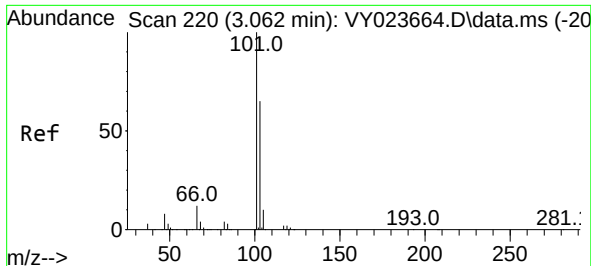


#6
Chloroethane
Concen: 18.890 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



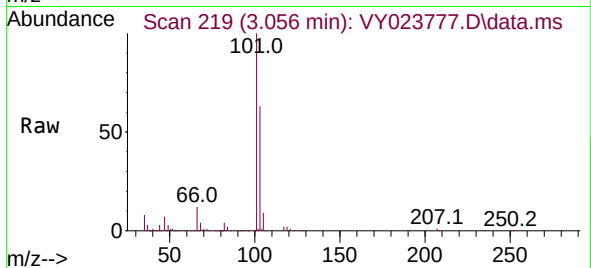
Tgt Ion: 64 Resp: 89145
Ion Ratio Lower Upper
64 100
66 34.0 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 20.123 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

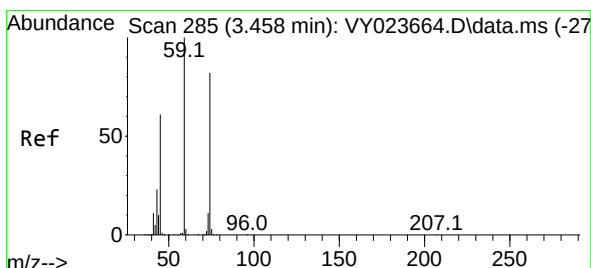
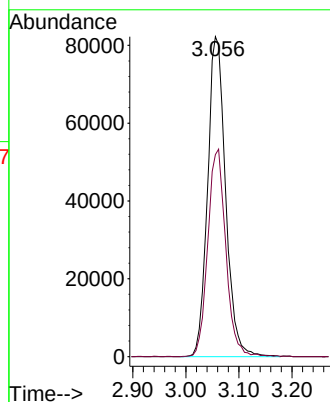
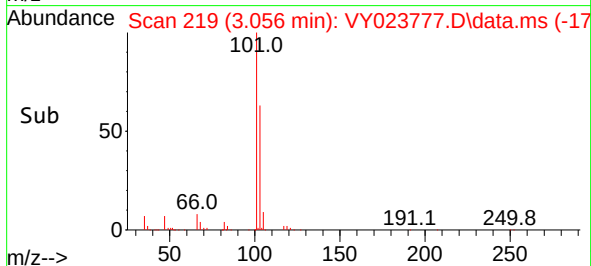
Instrument :
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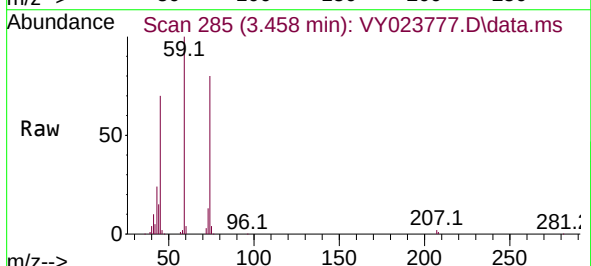
Tgt Ion:101 Resp: 193519
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.1 78.1

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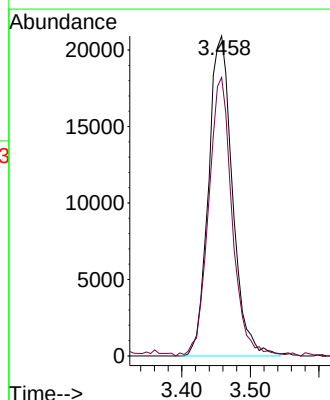
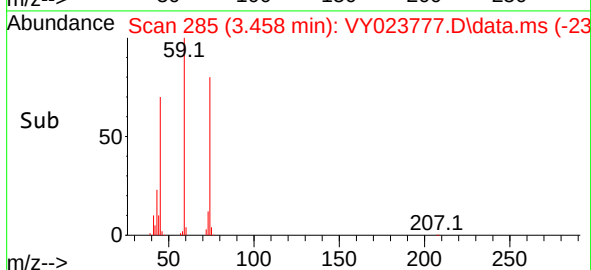
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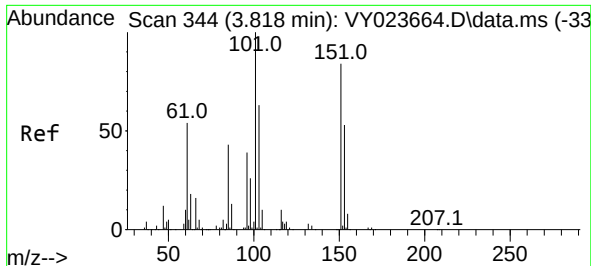


#8
 Diethyl Ether
 Concen: 19.735 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 50893
 Ion Ratio Lower Upper
 74 100
 45 85.5 40.6 121.7





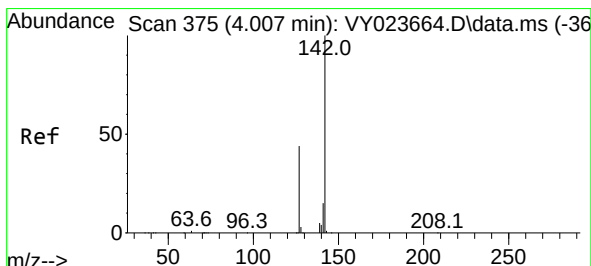
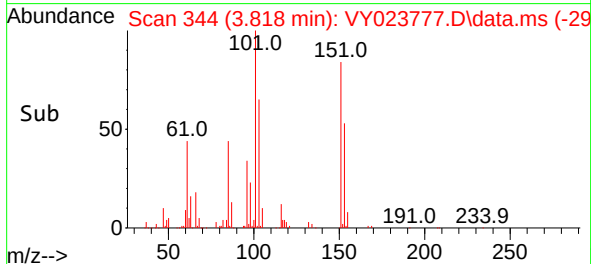
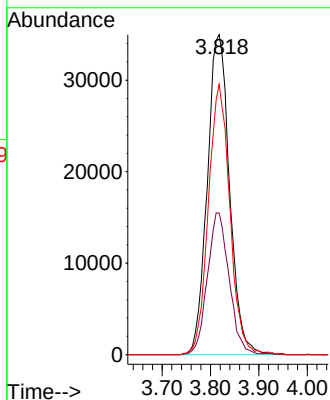
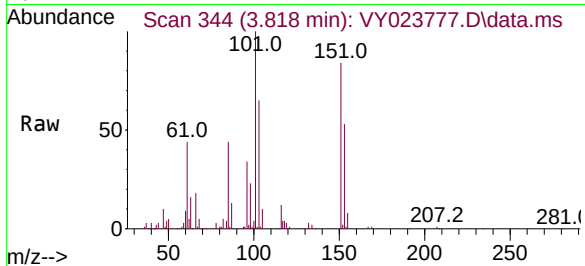
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.139 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion:101 Resp: 112004
Ion Ratio Lower Upper
101 100
85 43.1 34.4 51.6
151 81.2 65.6 98.4

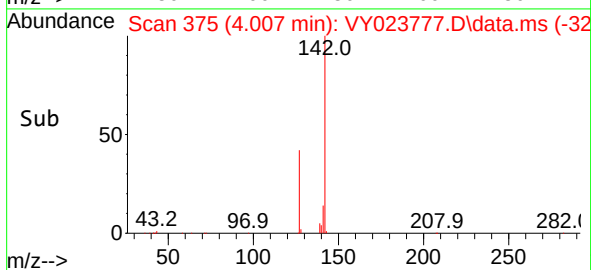
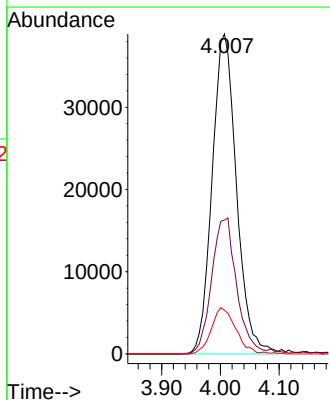
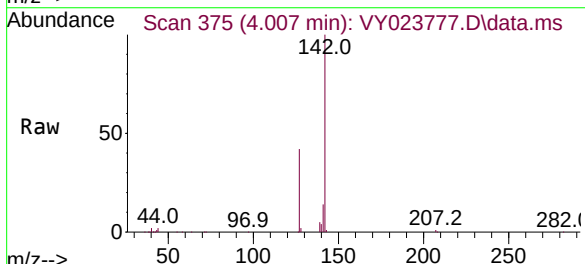
Manual Integrations
APPROVED

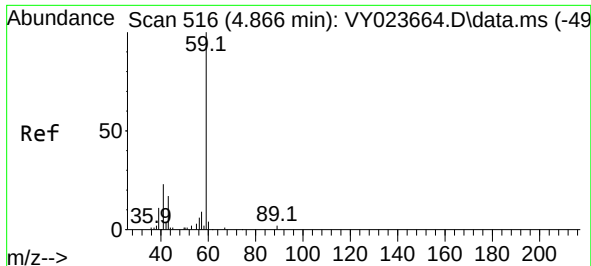
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#10
Methyl Iodide
Concen: 17.939 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion:142 Resp: 112238
Ion Ratio Lower Upper
142 100
127 44.0 34.6 51.8
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 125.779 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

Tgt Ion: 59 Resp: 39520

Ion Ratio Lower Upper

59 100

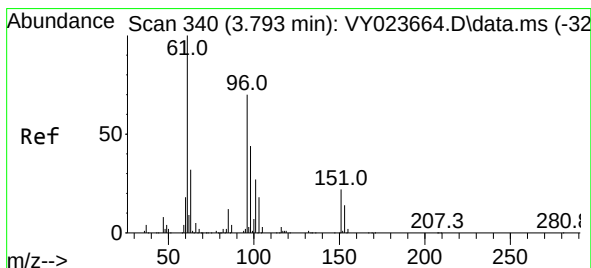
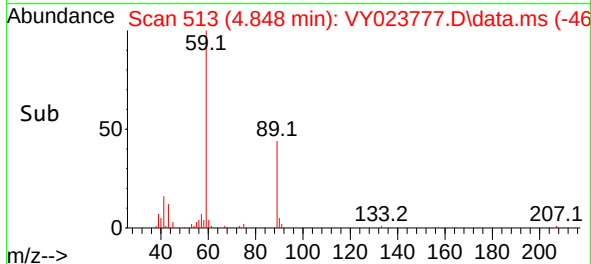
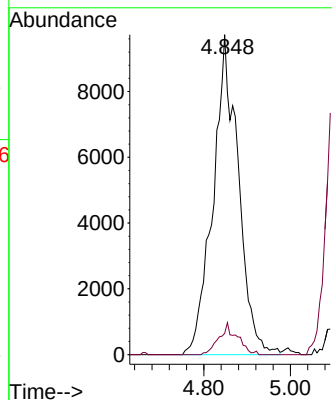
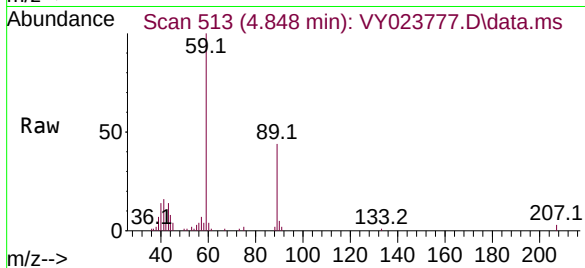
57 7.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#12

1,1-Dichloroethene

Concen: 20.405 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.006 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

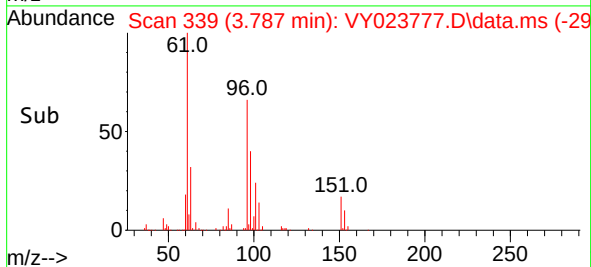
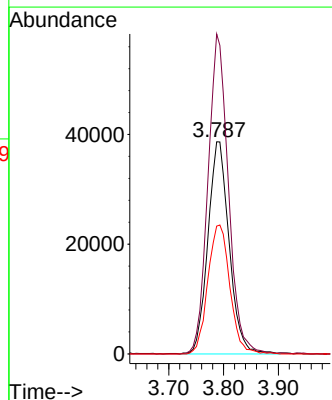
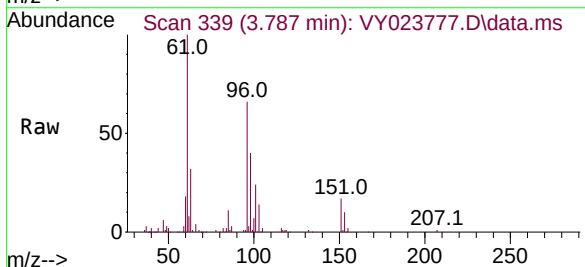
Tgt Ion: 96 Resp: 104144

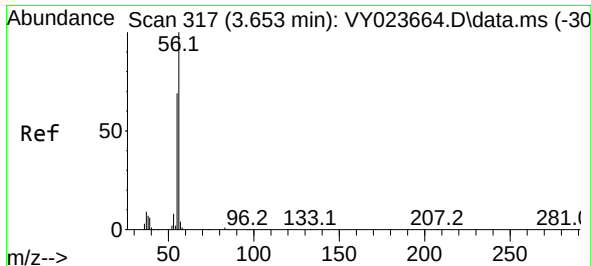
Ion Ratio Lower Upper

96 100

61 150.9 114.0 171.0

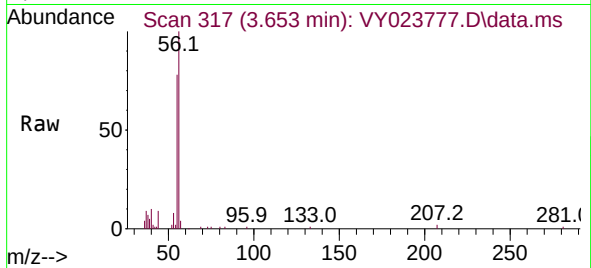
98 60.3 50.2 75.2





#13
Acrolein
Concen: 78.180 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

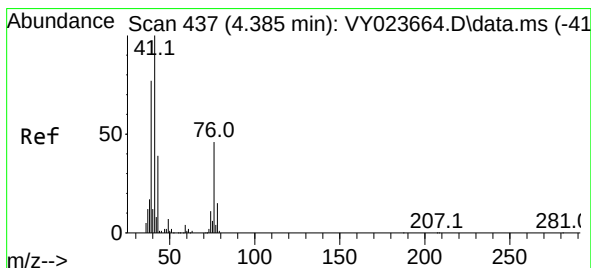
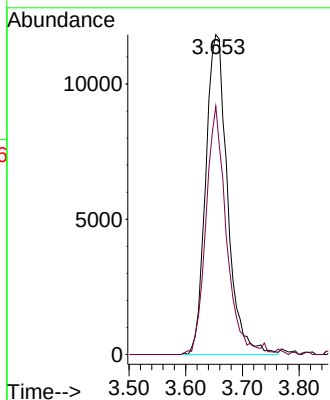
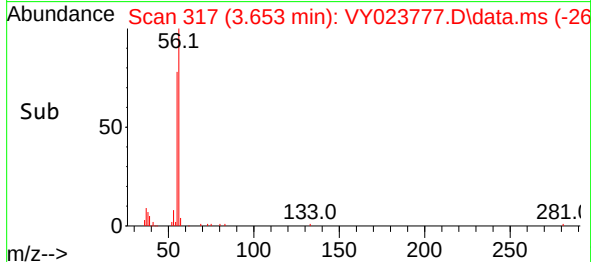
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



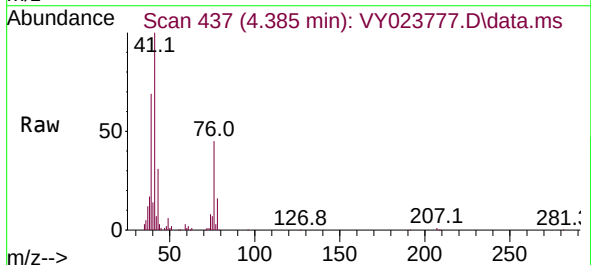
Tgt Ion: 56 Resp: 31573
Ion Ratio Lower Upper
56 100
55 73.3 56.6 84.8

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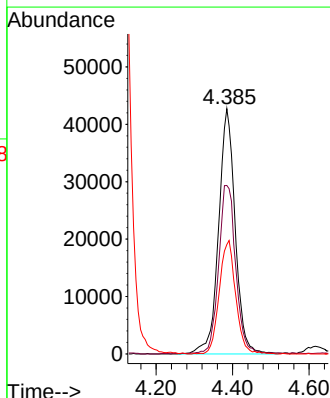
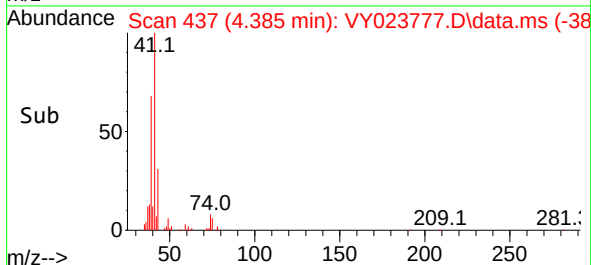
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

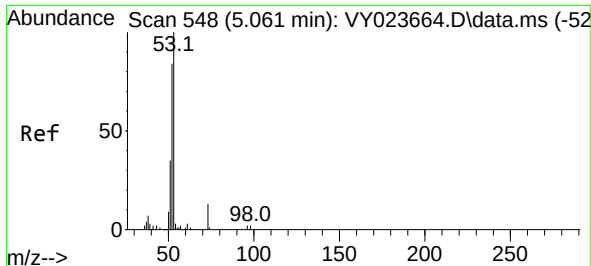


#14
Allyl chloride
Concen: 20.730 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



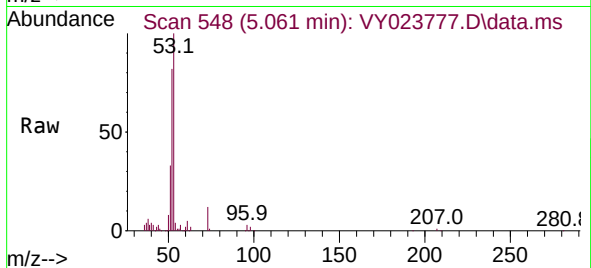
Tgt Ion: 41 Resp: 128784
Ion Ratio Lower Upper
41 100
39 70.5 60.4 90.6
76 45.6 38.0 57.0





#15
Acrylonitrile
Concen: 100.875 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

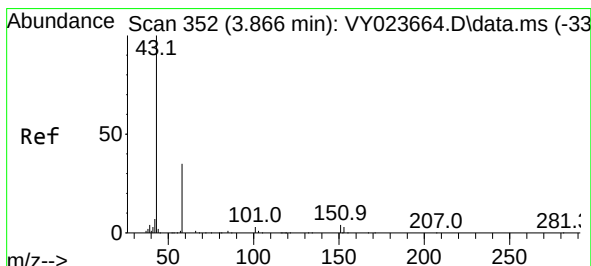
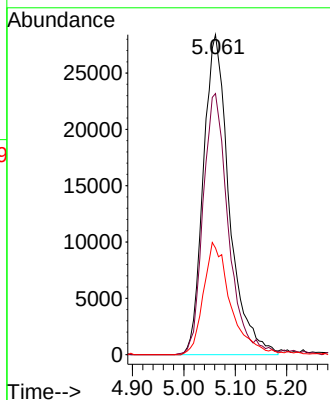
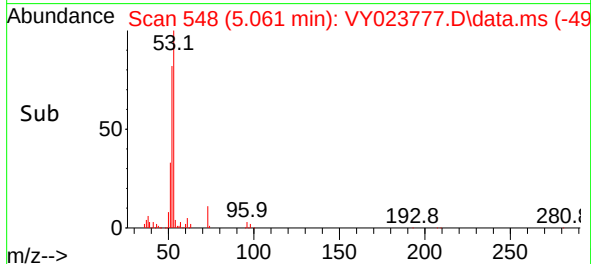
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



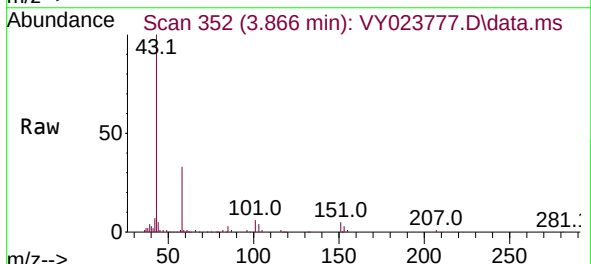
Tgt Ion: 53 Resp: 99415
Ion Ratio Lower Upper
53 100
52 79.6 64.9 97.3
51 36.7 29.4 44.0

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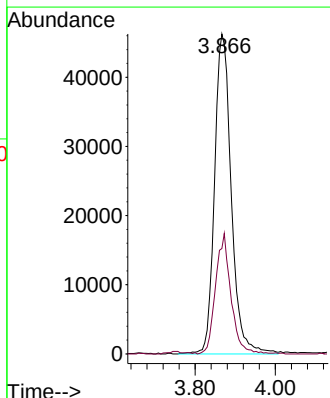
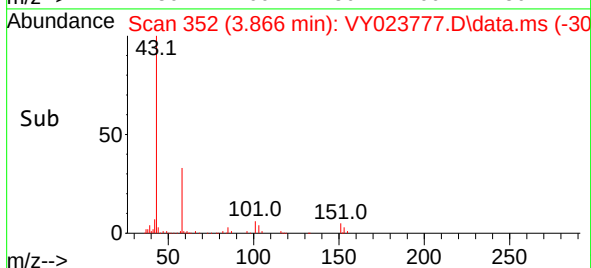
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

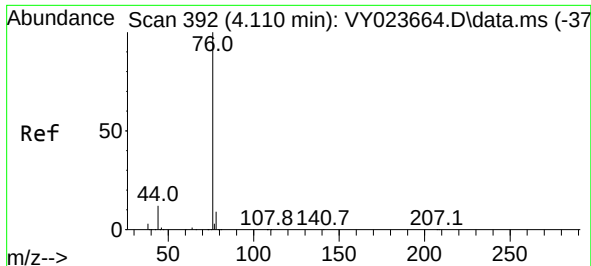


#16
Acetone
Concen: 110.538 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



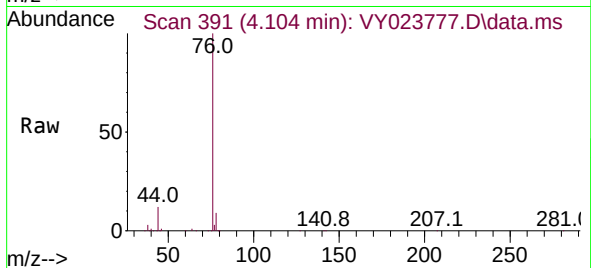
Tgt Ion: 43 Resp: 133888
Ion Ratio Lower Upper
43 100
58 32.8 28.2 42.4





#17
Carbon Disulfide
Concen: 20.538 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

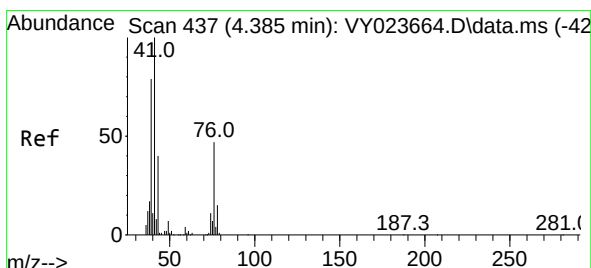
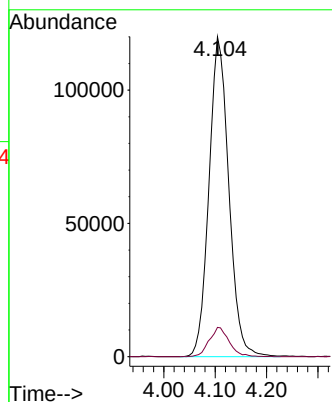
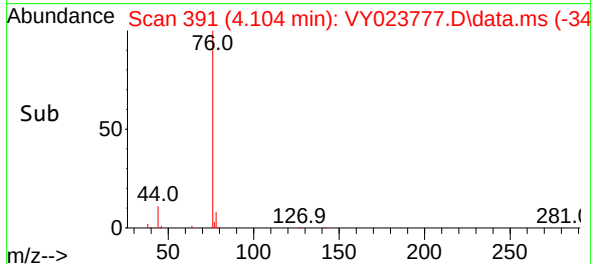
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



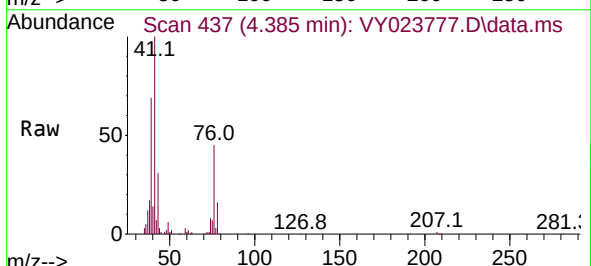
Tgt Ion: 76 Resp: 321723
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

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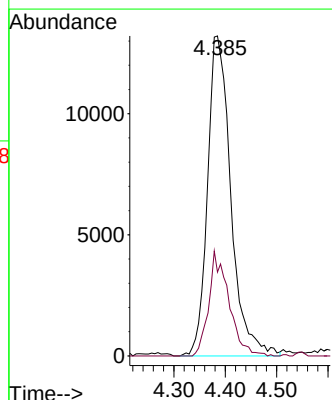
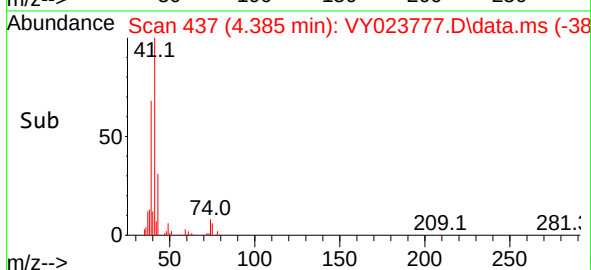
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

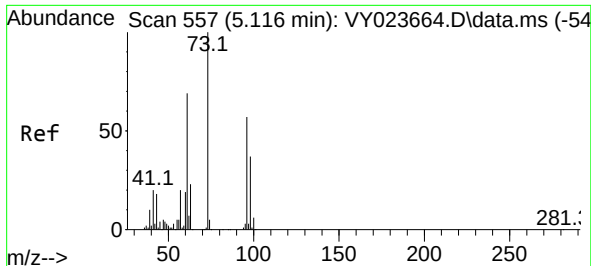


#18
Methyl Acetate
Concen: 15.628 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



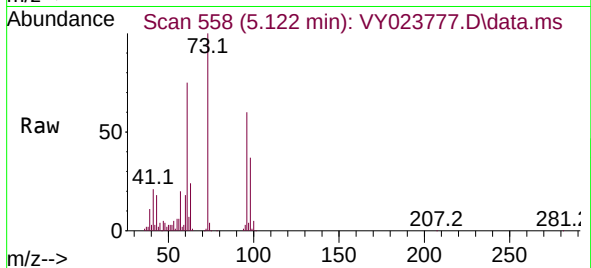
Tgt Ion: 43 Resp: 41752
Ion Ratio Lower Upper
43 100
74 28.3 22.5 33.7





#19
Methyl tert-butyl Ether
Concen: 19.427 ug/l
RT: 5.122 min Scan# 558
Delta R.T. 0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

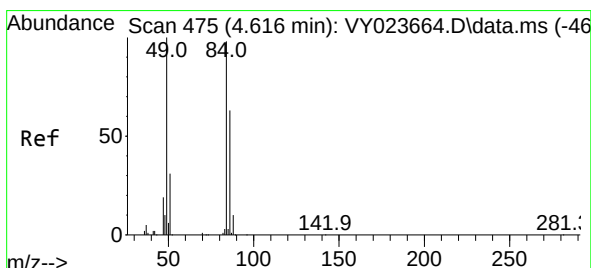
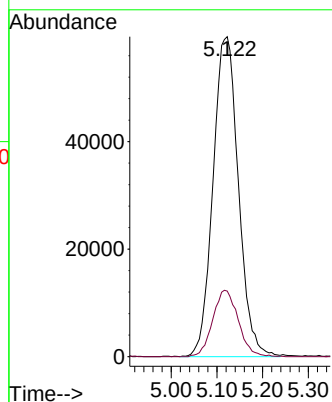
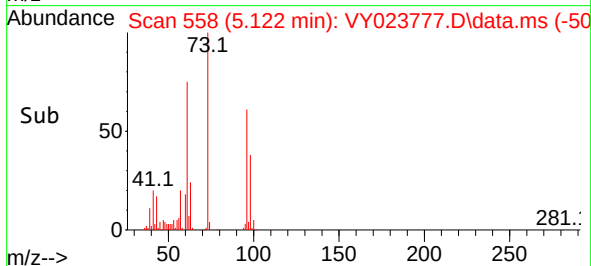
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



Tgt Ion: 73 Resp: 229916
Ion Ratio Lower Upper
73 100
57 20.5 16.1 24.1

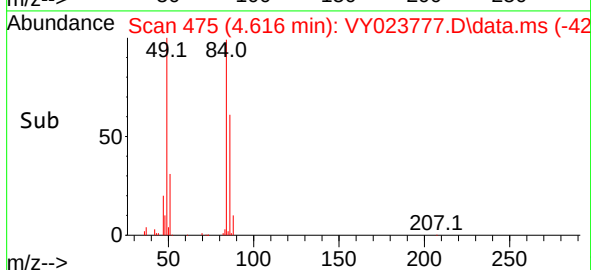
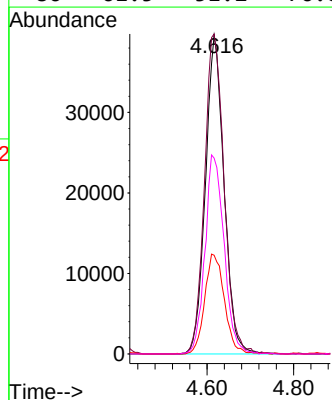
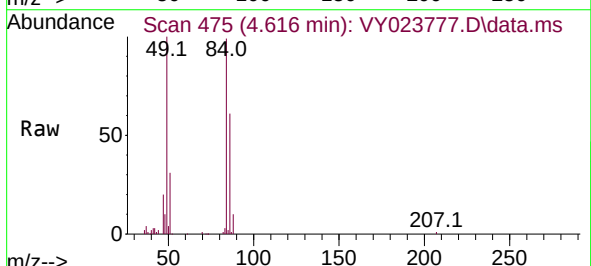
Manual Integrations
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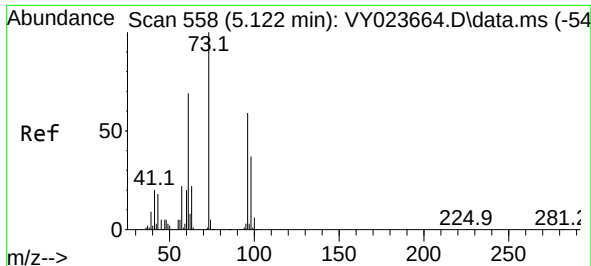
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#20
Methylene Chloride
Concen: 20.255 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

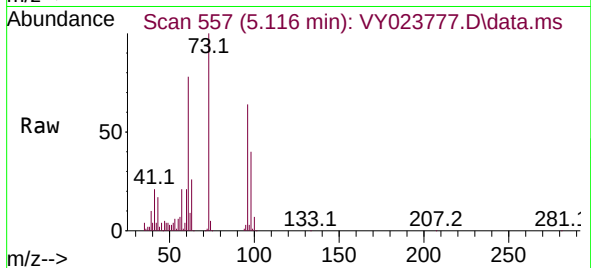
Tgt Ion: 84 Resp: 118437
Ion Ratio Lower Upper
84 100
49 100.5 81.5 122.3
51 31.0 25.5 38.3
86 61.5 51.2 76.8





#21
trans-1,2-Dichloroethene
Concen: 20.517 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

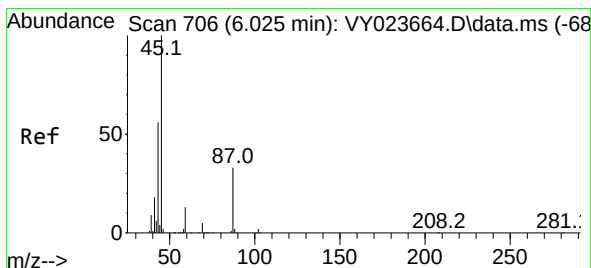
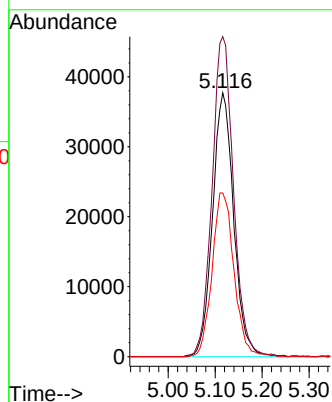
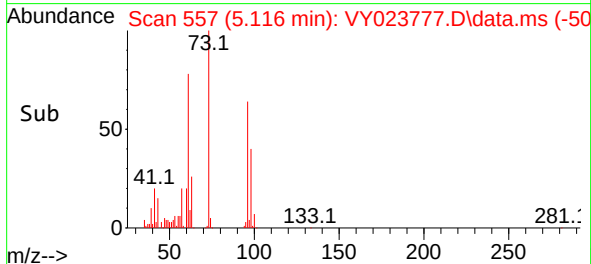
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



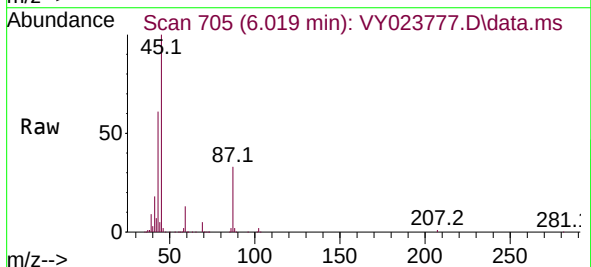
Tgt Ion: 96 Resp: 118069
Ion Ratio Lower Upper
96 100
61 121.3 93.3 139.9
98 62.1 50.6 75.8

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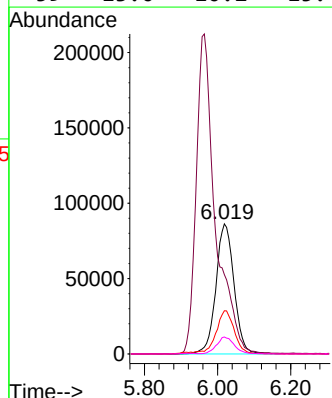
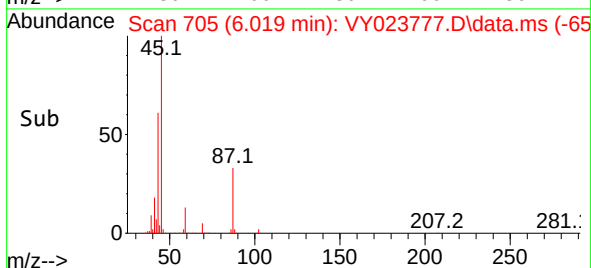
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

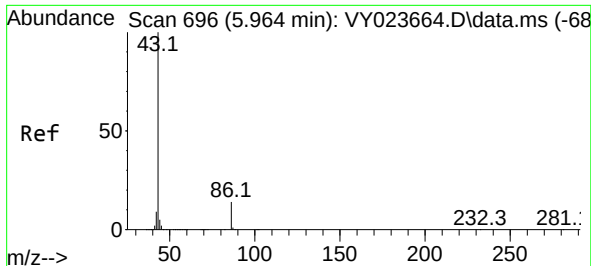


#22
Diisopropyl ether
Concen: 21.408 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



Tgt Ion: 45 Resp: 296346
Ion Ratio Lower Upper
45 100
43 60.7 44.7 67.1
87 33.2 27.2 40.8
59 13.0 10.2 15.4





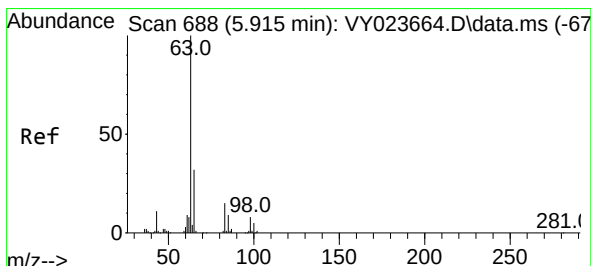
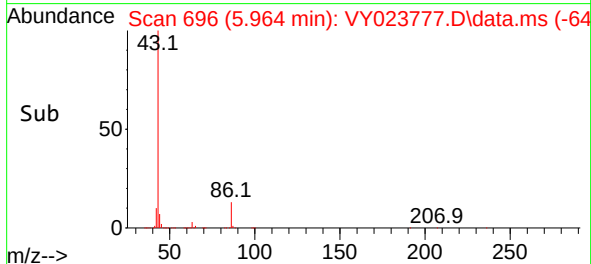
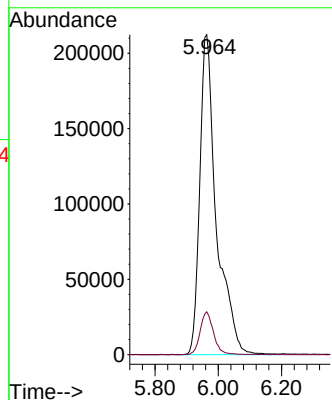
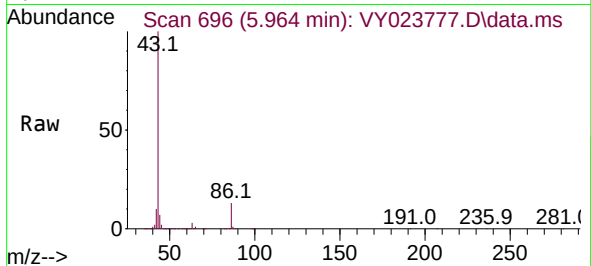
#23
 Vinyl Acetate
 Concen: 104.667 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBSD01

Tgt Ion: 43 Resp: 773184
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.9 16.3

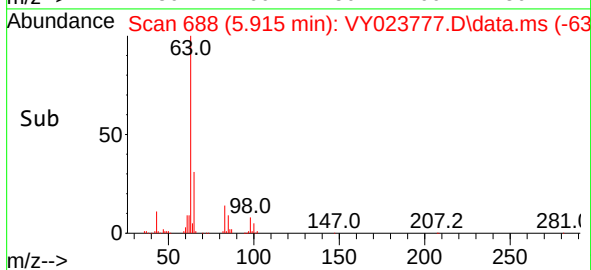
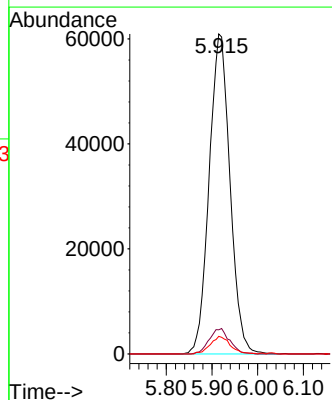
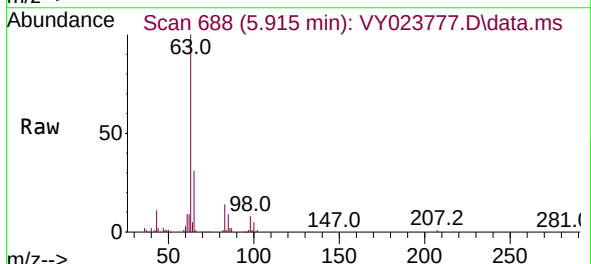
Manual Integrations
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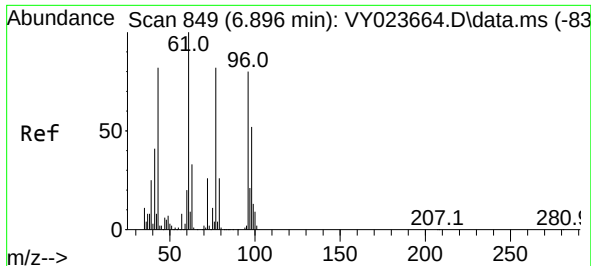
Reviewed By :Amit Patel 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#24
 1,1-Dichloroethane
 Concen: 20.927 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

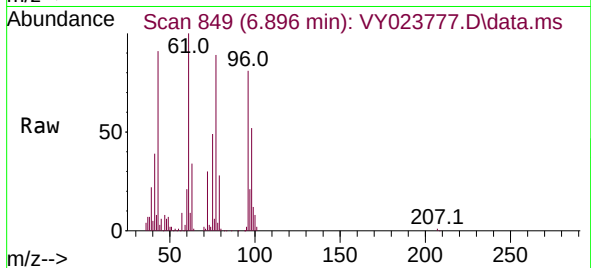
Tgt Ion: 63 Resp: 192988
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 11.9
 100 5.5 2.6 7.8





#25
2-Butanone
Concen: 106.288 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

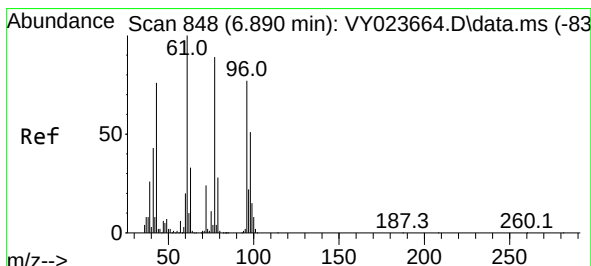
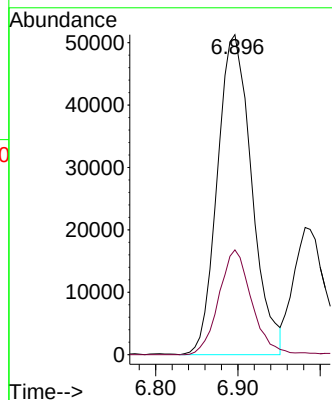
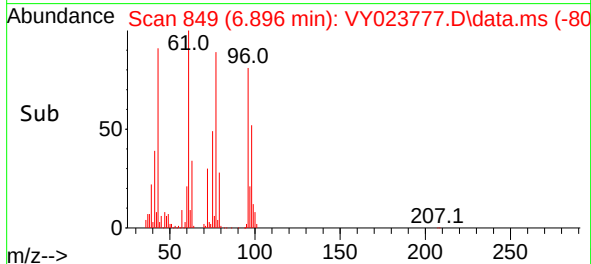
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



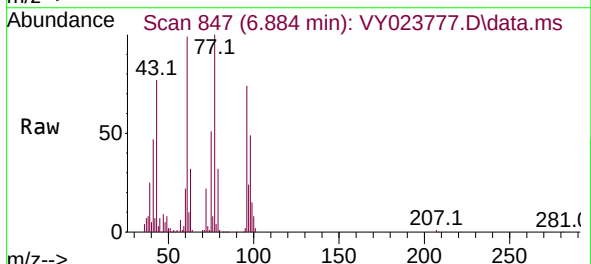
Tgt Ion: 43 Resp: 14884
Ion Ratio Lower Upper
43 100
72 32.7 25.7 38.5

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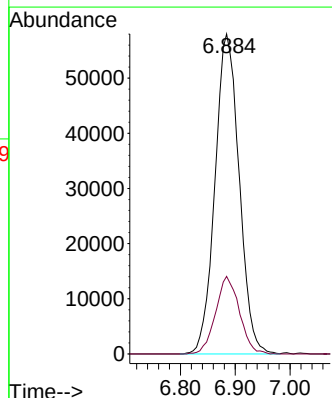
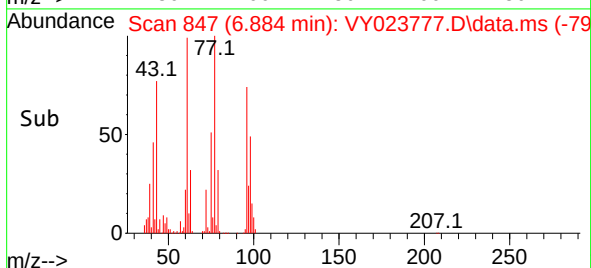
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

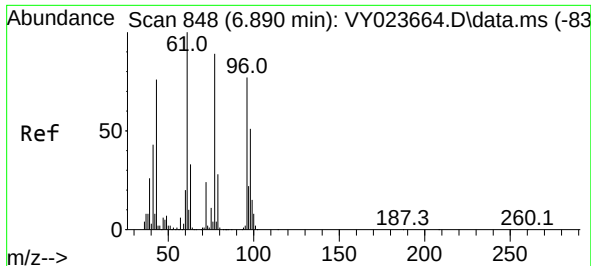


#26
2,2-Dichloropropane
Concen: 20.948 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



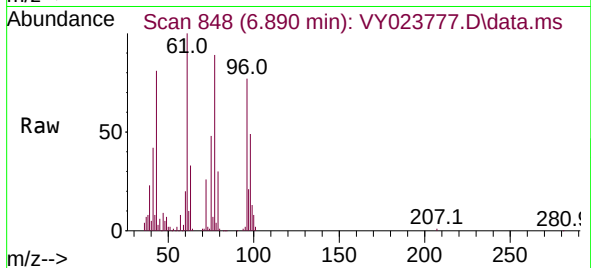
Tgt Ion: 77 Resp: 177700
Ion Ratio Lower Upper
77 100
97 23.7 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 20.089 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

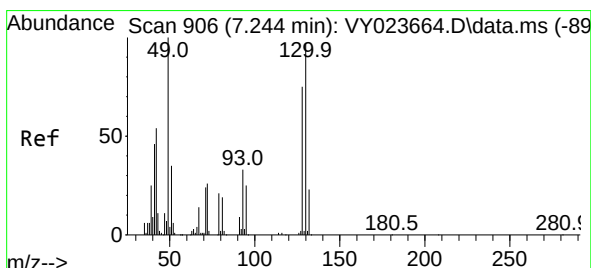
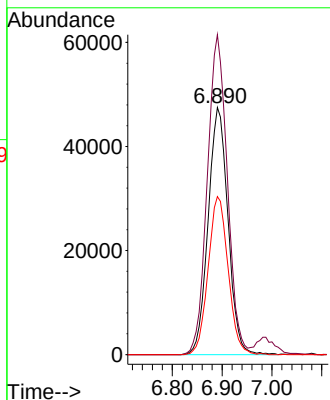
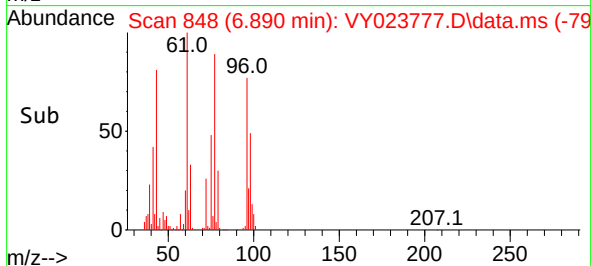
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



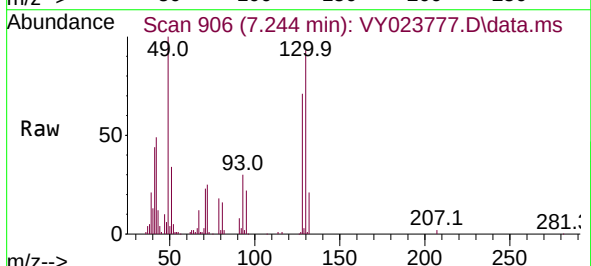
Tgt Ion: 96 Resp: 13203
Ion Ratio Lower Upper
96 100
61 130.2 0.0 255.0
98 64.2 0.0 129.8

Manual Integrations
APPROVED

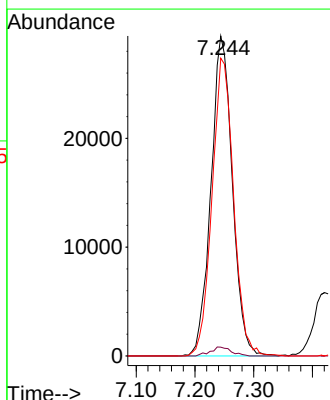
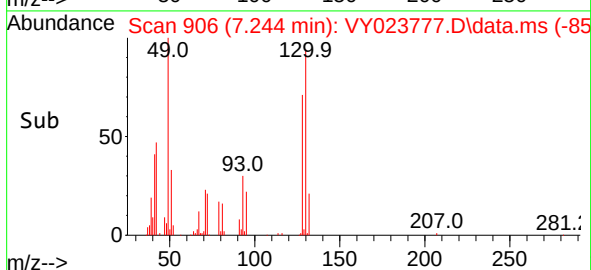
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

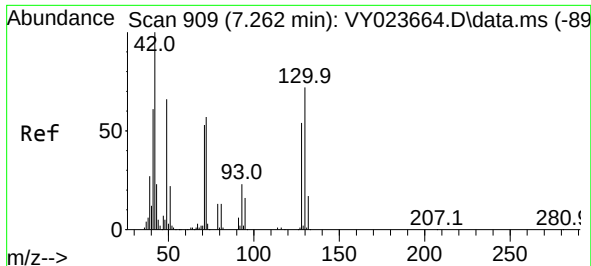


#28
Bromochloromethane
Concen: 21.100 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



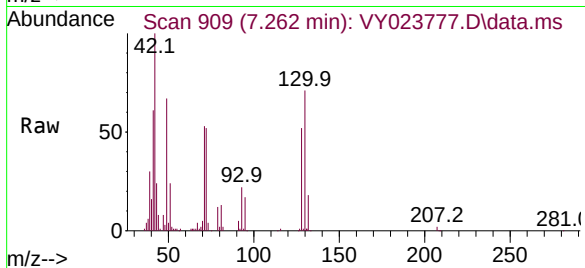
Tgt Ion: 49 Resp: 74503
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.0
130 93.5 80.1 120.1





#29
Tetrahydrofuran
Concen: 96.803 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

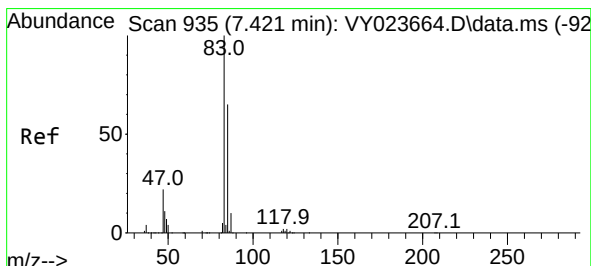
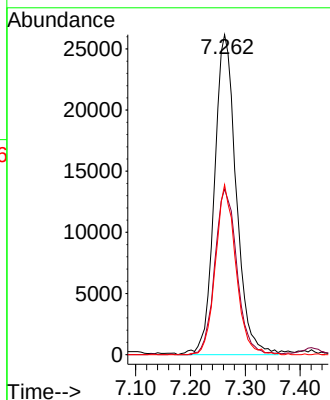
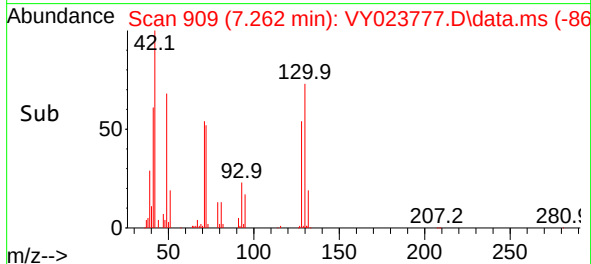
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



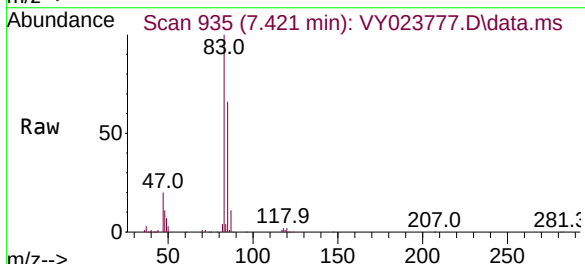
Tgt Ion: 42 Resp: 72197
Ion Ratio Lower Upper
42 100
72 52.5 43.4 65.2
71 49.5 40.7 61.1

Manual Integrations
APPROVED

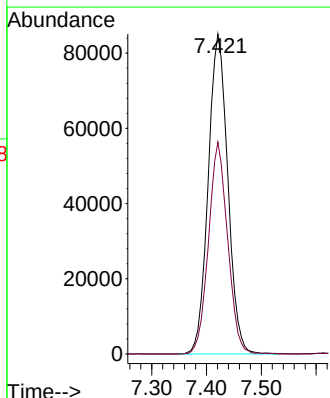
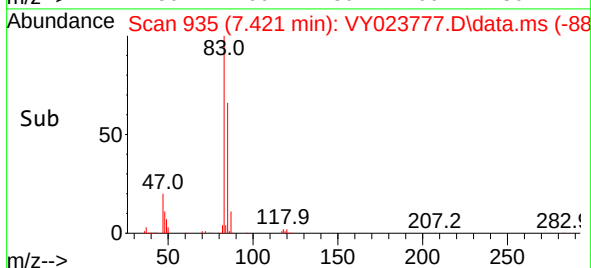
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

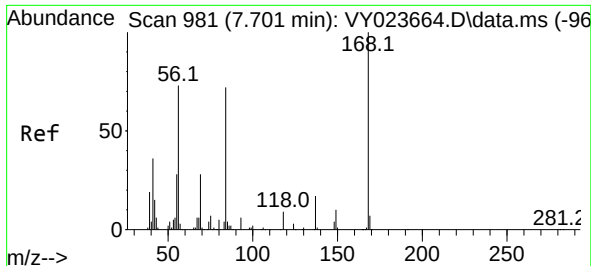


#30
Chloroform
Concen: 20.538 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



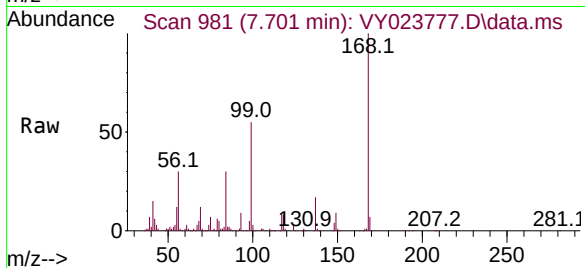
Tgt Ion: 83 Resp: 211322
Ion Ratio Lower Upper
83 100
85 66.2 52.1 78.1





#31
Cyclohexane
Concen: 21.012 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

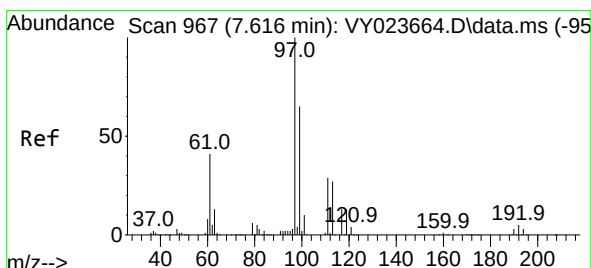
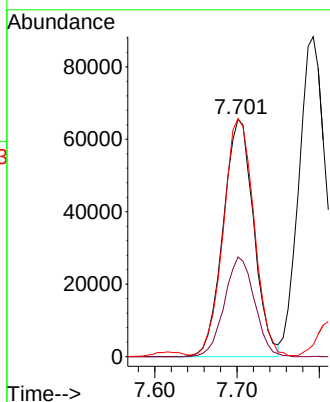
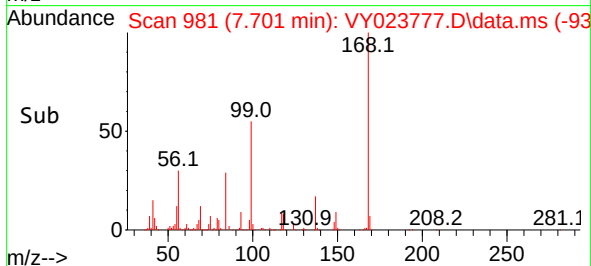
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



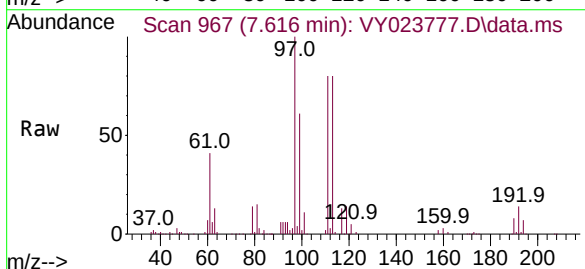
Tgt Ion: 56 Resp: 168746
Ion Ratio Lower Upper
56 100
69 42.0 30.5 45.7
84 98.4 79.0 118.4

Manual Integrations
APPROVED

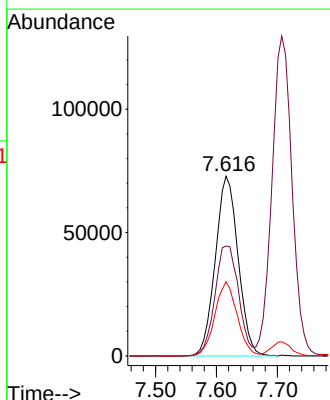
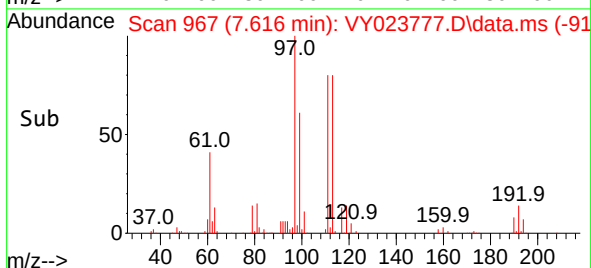
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

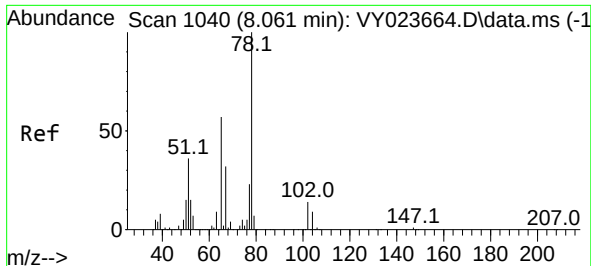


#32
1,1,1-Trichloroethane
Concen: 20.580 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



Tgt Ion: 97 Resp: 189251
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 40.5 32.5 48.7





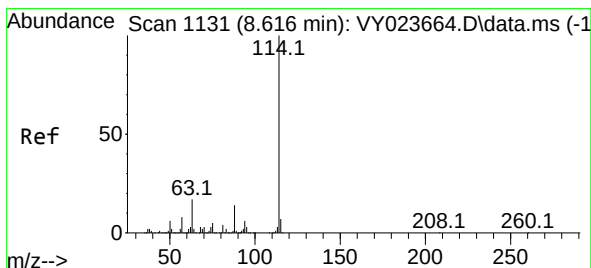
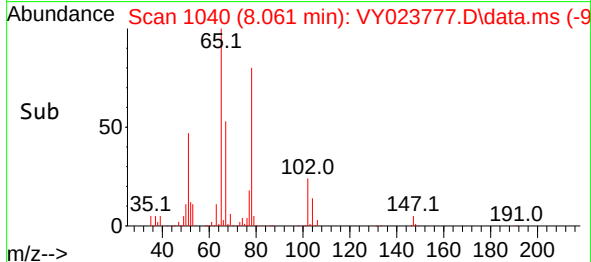
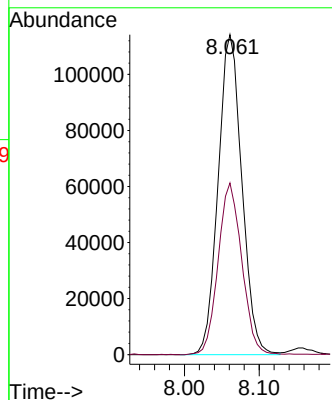
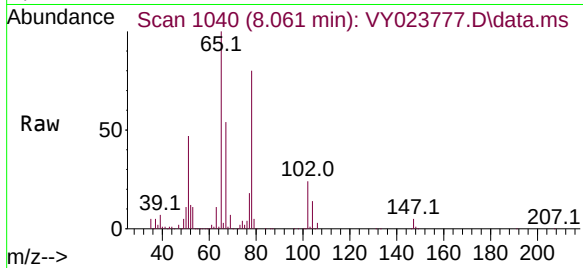
#33
 1,2-Dichloroethane-d4
 Concen: 51.755 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBSD01

Tgt Ion: 65 Resp: 252195
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4

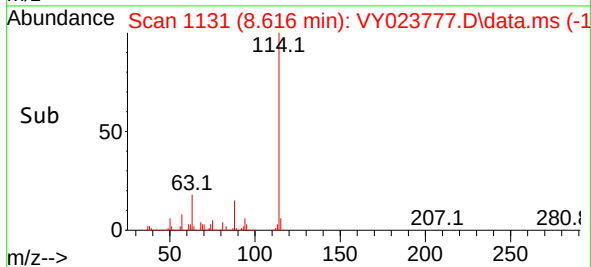
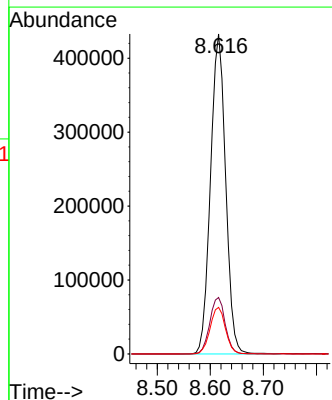
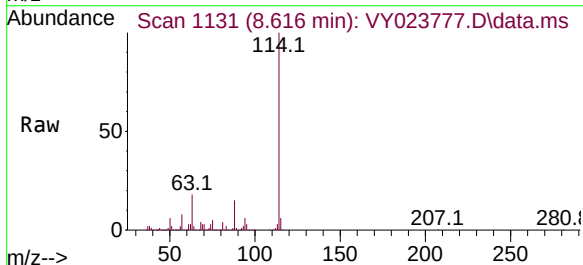
Manual Integrations
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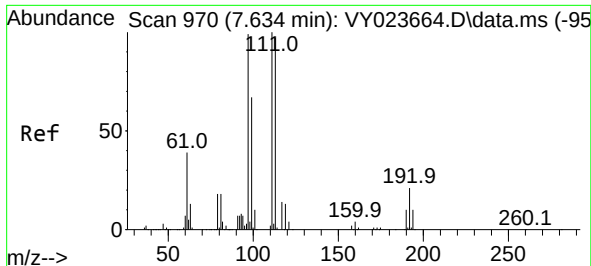
Reviewed By :Amit Patel 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY023777.D
 Acq: 13 Nov 2025 11:09

Tgt Ion:114 Resp: 854908
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.8
 88 14.5 0.0 29.0





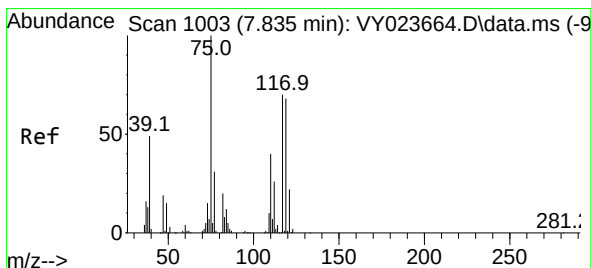
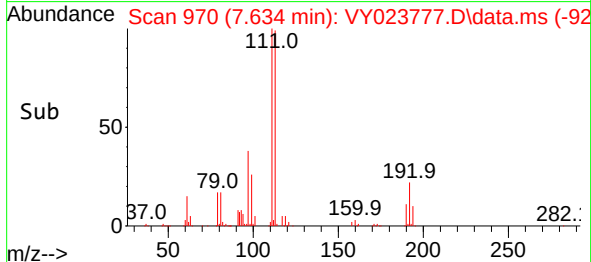
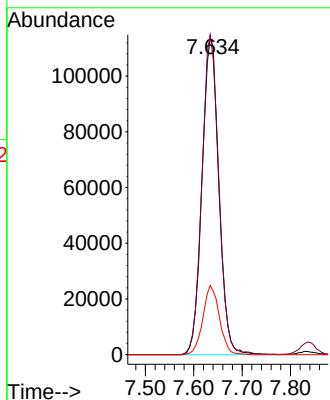
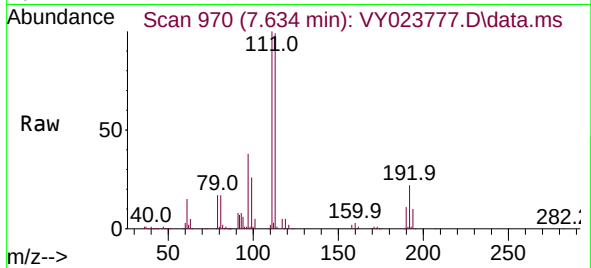
#35
Dibromofluoromethane
Concen: 51.560 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion:113 Resp: 275464
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 21.3 17.3 25.9

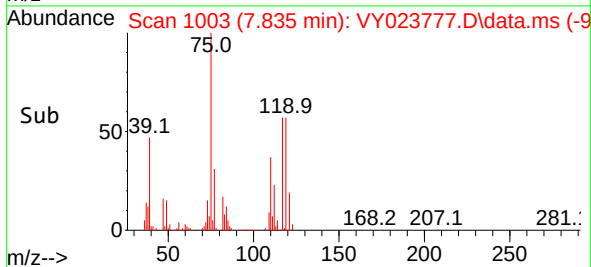
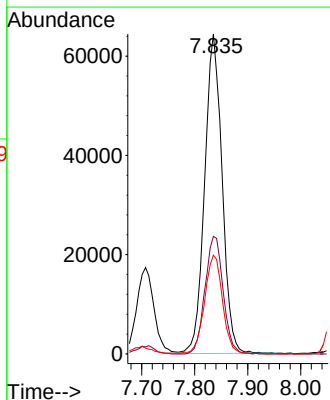
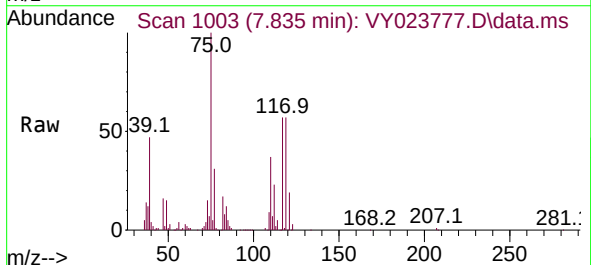
Manual Integrations
APPROVED

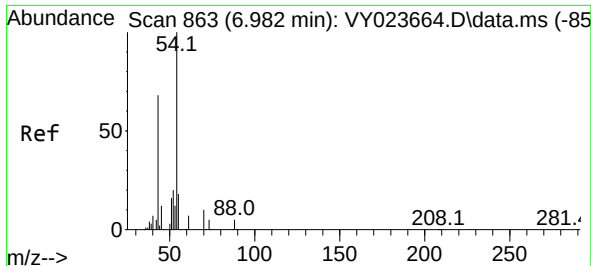
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#36
1,1-Dichloropropene
Concen: 20.613 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 75 Resp: 147160
Ion Ratio Lower Upper
75 100
110 38.2 19.7 59.0
77 31.9 25.2 37.8





#37

Ethyl Acetate

Concen: 20.151 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY023777.D

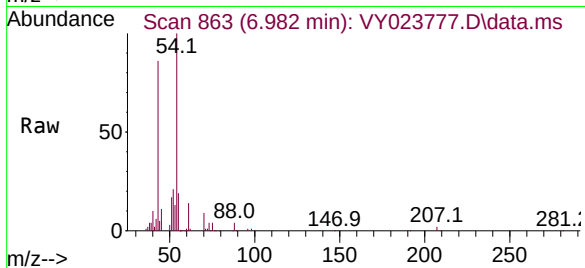
Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01



Tgt Ion: 43 Resp: 55692

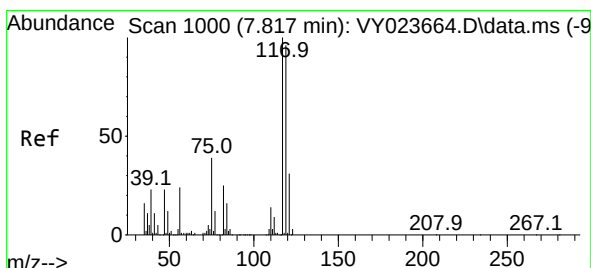
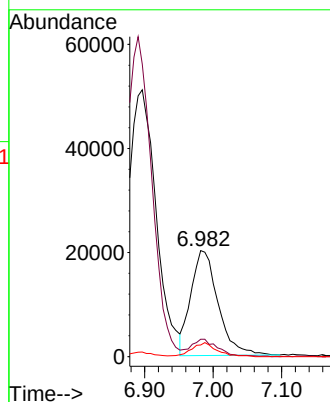
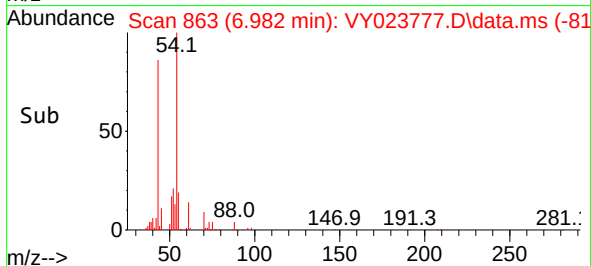
Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.4	18.6
70	12.2	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#38

Carbon Tetrachloride

Concen: 20.332 ug/l

RT: 7.817 min Scan# 1000

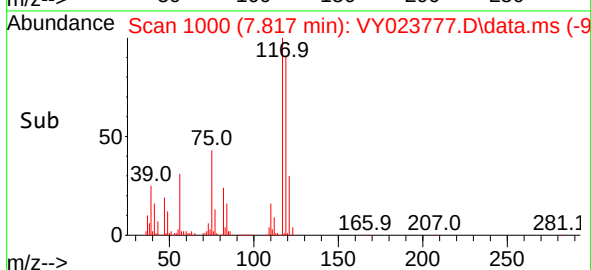
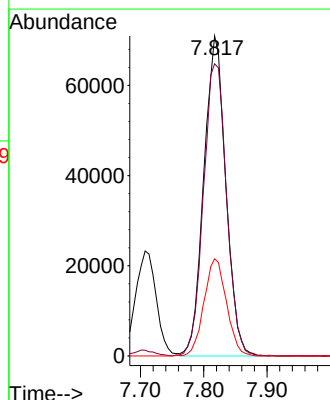
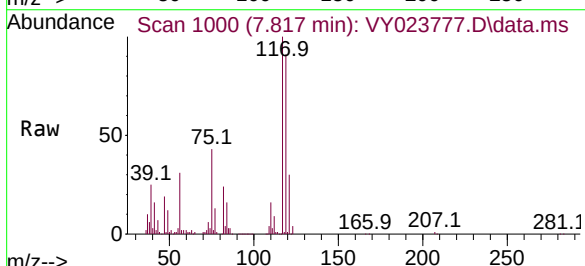
Delta R.T. 0.000 min

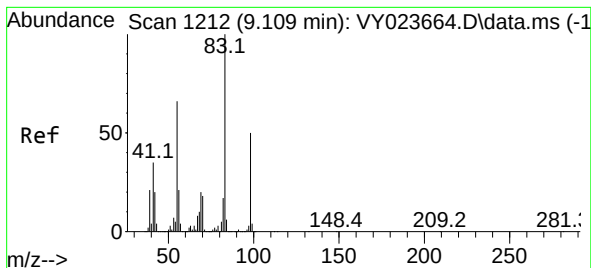
Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Tgt Ion:117 Resp: 171022

Ion	Ratio	Lower	Upper
117	100		
119	91.3	76.3	114.5
121	30.3	24.8	37.2





#39

Methylcyclohexane

Concen: 19.816 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

Tgt Ion: 83 Resp: 180758

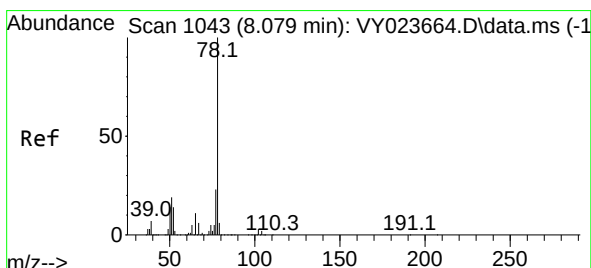
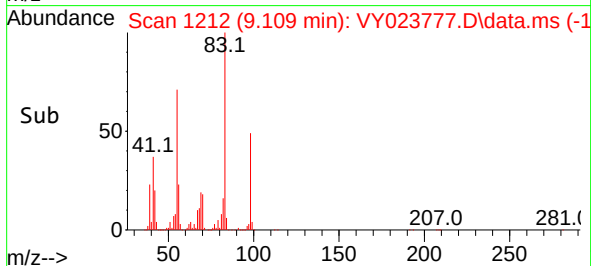
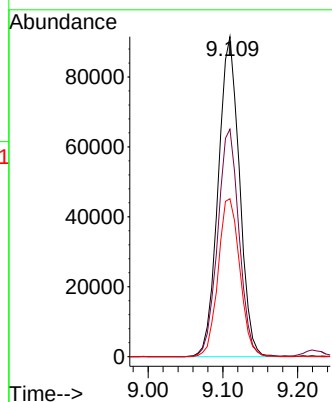
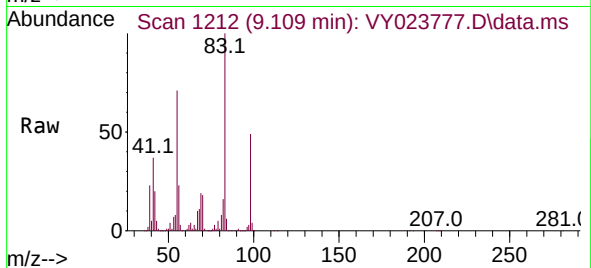
Ion	Ratio	Lower	Upper
83	100		
55	71.1	52.6	78.8
98	49.3	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#40

Benzene

Concen: 20.631 ug/l

RT: 8.079 min Scan# 1043

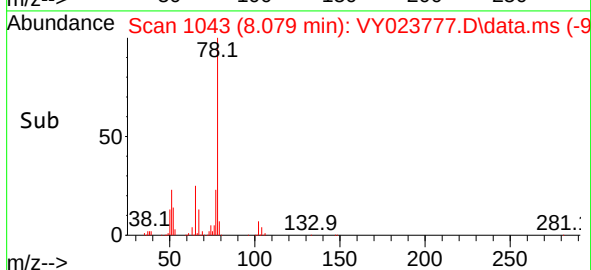
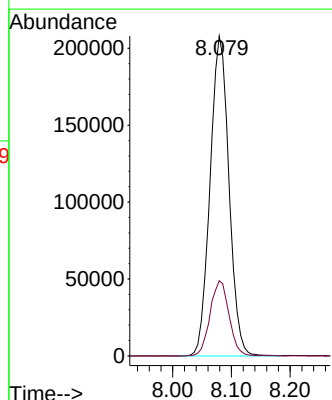
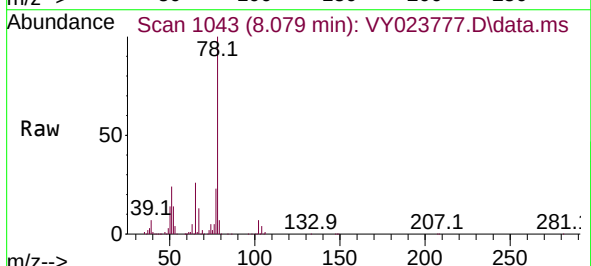
Delta R.T. 0.000 min

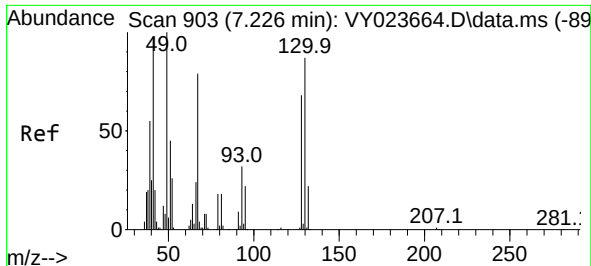
Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Tgt Ion: 78 Resp: 464263

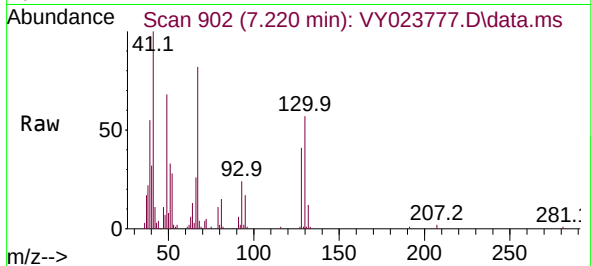
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





#41
Methacrylonitrile
Concen: 16.786 ug/l m
RT: 7.220 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

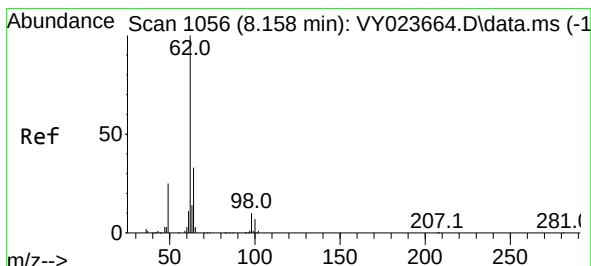
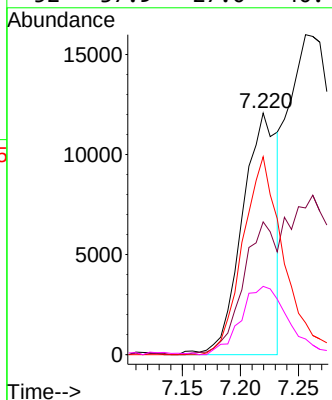
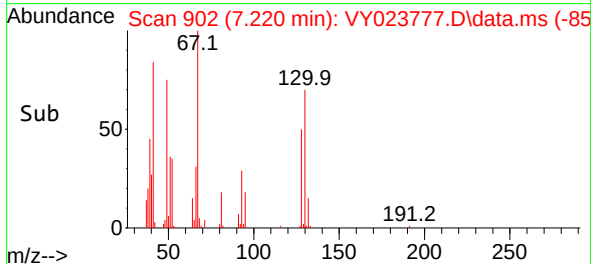
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



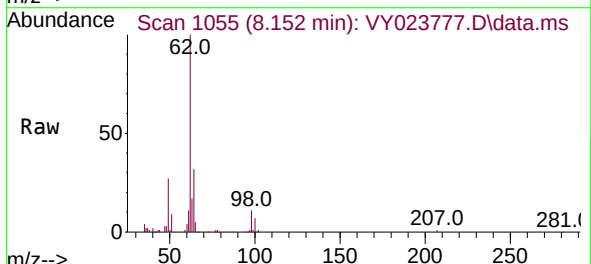
Tgt Ion: 41 Resp: 2532
Ion Ratio Lower Upper
41 100
39 53.0 38.6 57.8
67 97.1 71.3 106.9
52 37.9 27.0 40.4

Manual Integrations
APPROVED

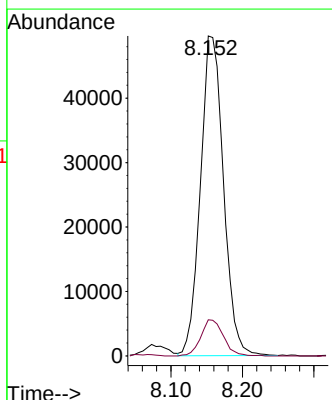
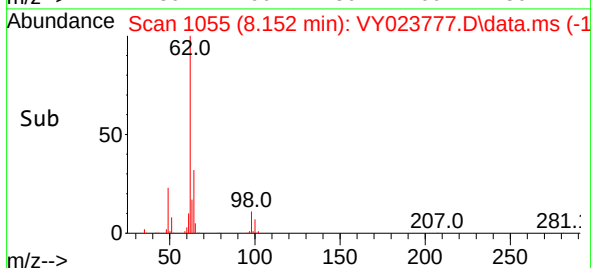
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

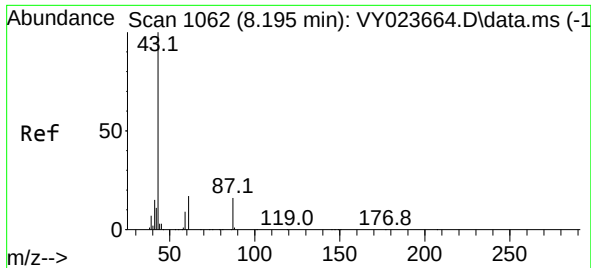


#42
1,2-Dichloroethane
Concen: 19.542 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



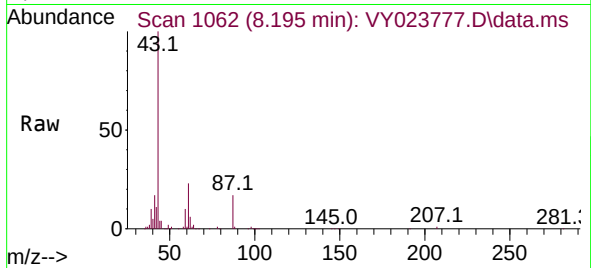
Tgt Ion: 62 Resp: 111254
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.0





#43
Isopropyl Acetate
Concen: 19.194 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

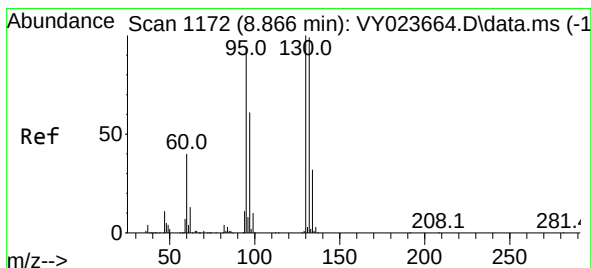
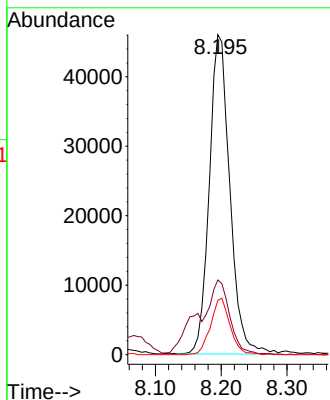
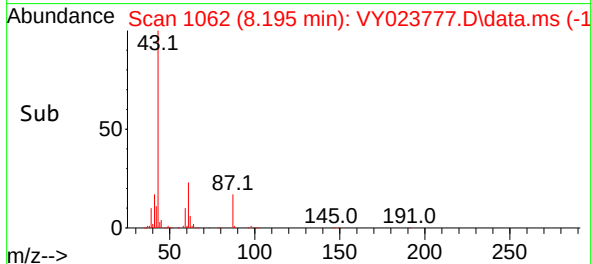
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01



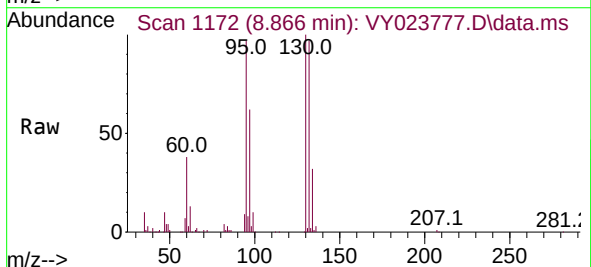
Tgt Ion: 43 Resp: 99669
Ion Ratio Lower Upper
43 100
61 23.4 18.2 27.2
87 16.7 13.3 19.9

Manual Integrations
APPROVED

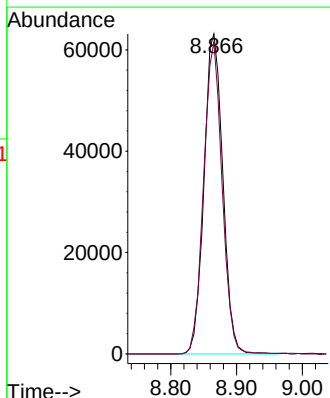
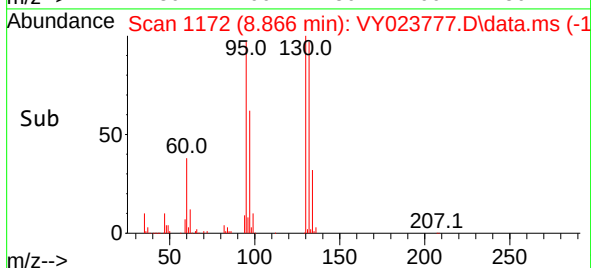
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

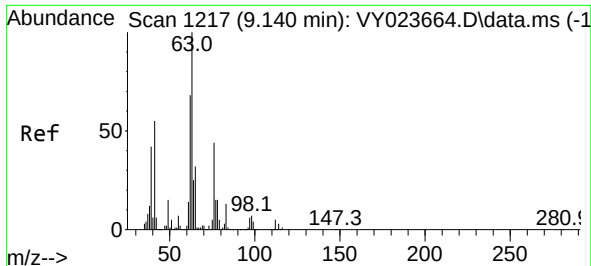


#44
Trichloroethene
Concen: 19.325 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



Tgt Ion:130 Resp: 124906
Ion Ratio Lower Upper
130 100
95 97.4 0.0 187.0





#45

1,2-Dichloropropane

Concen: 20.633 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

Tgt Ion: 63 Resp: 102474

Ion Ratio Lower Upper

63 100

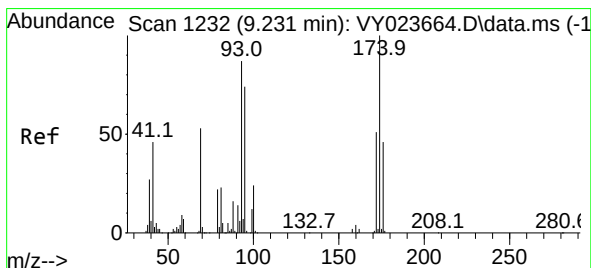
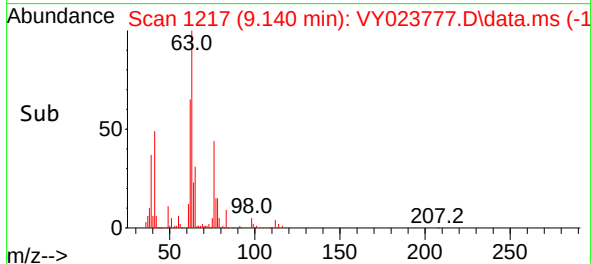
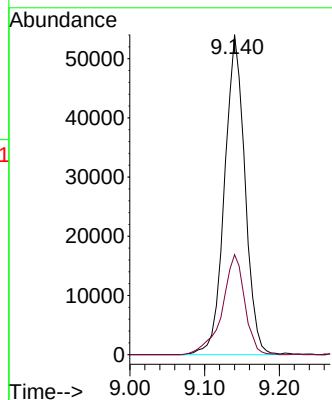
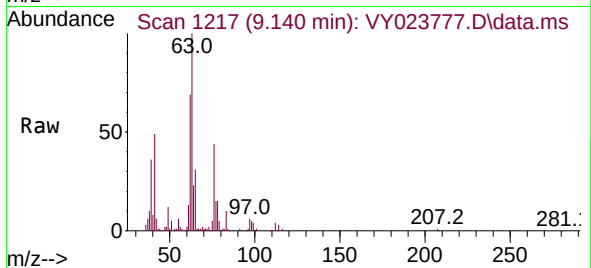
65 31.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#46

Dibromomethane

Concen: 19.450 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

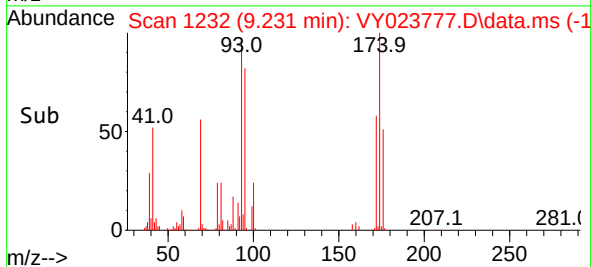
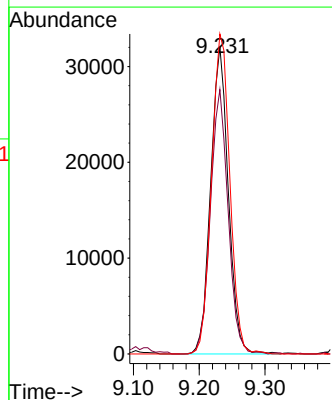
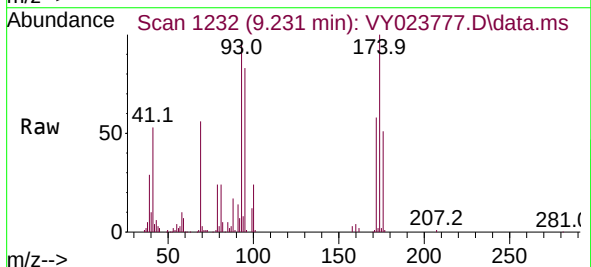
Tgt Ion: 93 Resp: 59853

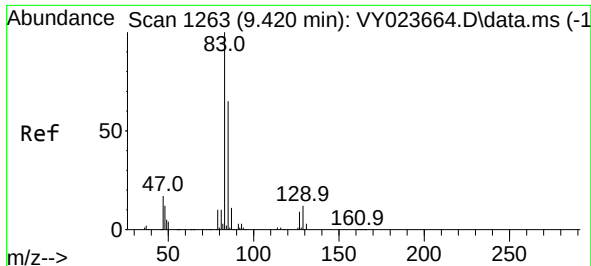
Ion Ratio Lower Upper

93 100

95 86.0 67.4 101.2

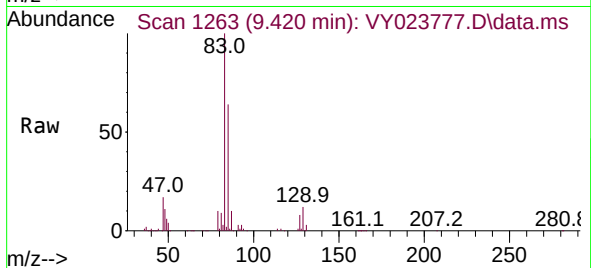
174 107.9 89.4 134.0





#47
Bromodichloromethane
Concen: 20.289 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

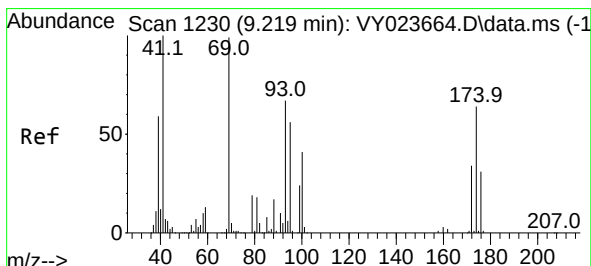
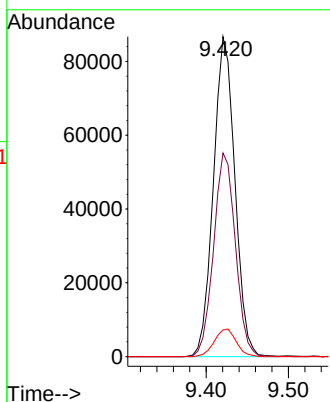
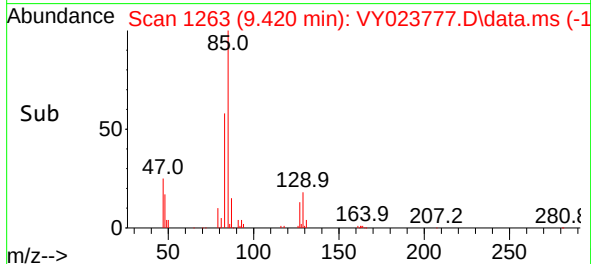
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



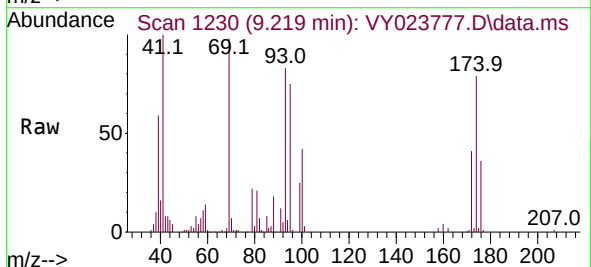
Tgt Ion: 83 Resp: 157413
Ion Ratio Lower Upper
83 100
85 63.6 52.1 78.1
127 8.3 7.5 11.3

Manual Integrations
APPROVED

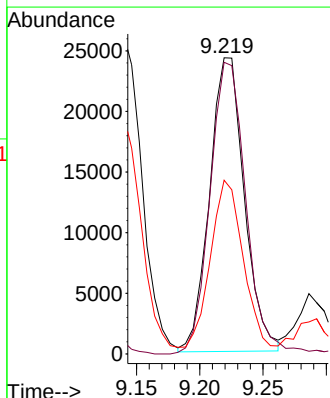
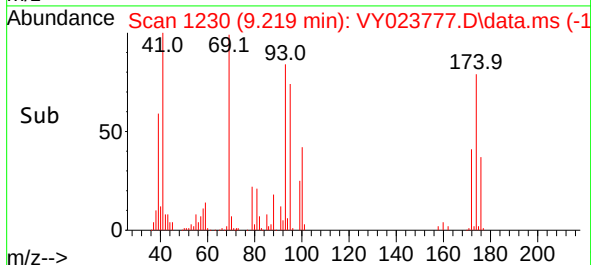
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

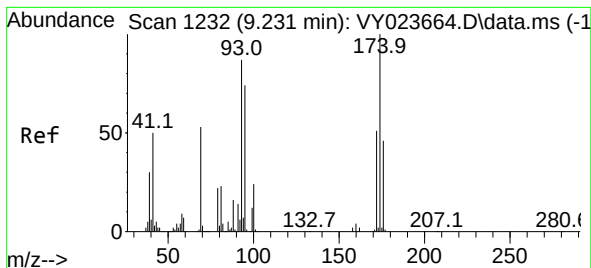


#48
Methyl methacrylate
Concen: 18.879 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



Tgt Ion: 41 Resp: 46318
Ion Ratio Lower Upper
41 100
69 102.5 80.2 120.2
39 53.3 47.4 71.0





#49

1,4-Dioxane

Concen: 382.065 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

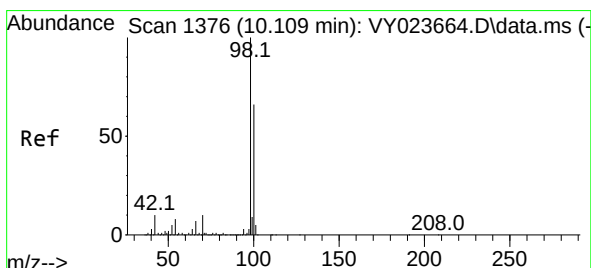
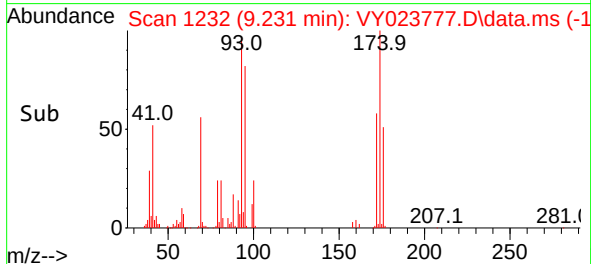
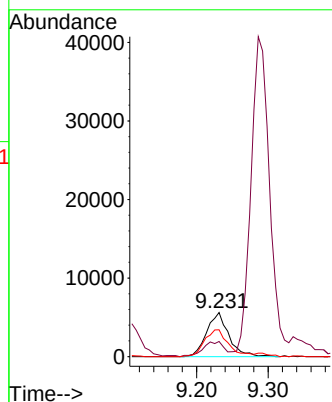
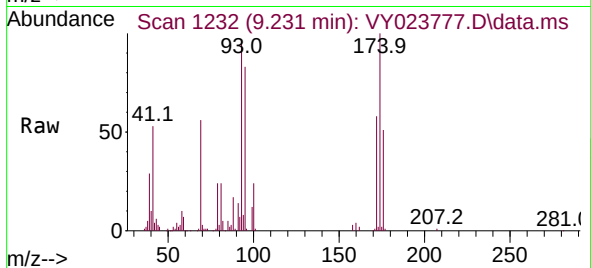
Tgt Ion:	88	Resp:	12032
Ion	Ratio	Lower	Upper
88	100		
43	32.0	22.0	33.0
58	66.1	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#50

Toluene-d8

Concen: 52.853 ug/l

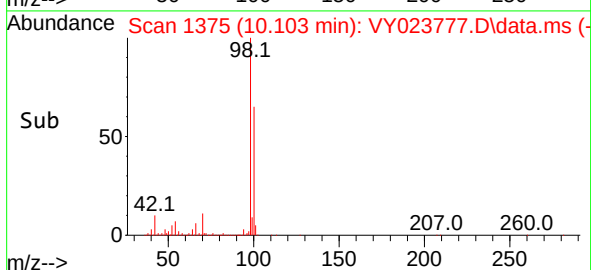
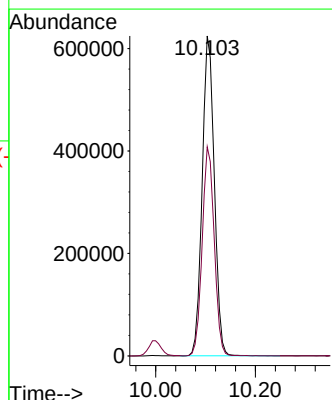
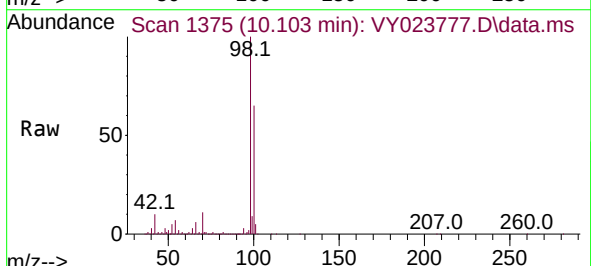
RT: 10.103 min Scan# 1375

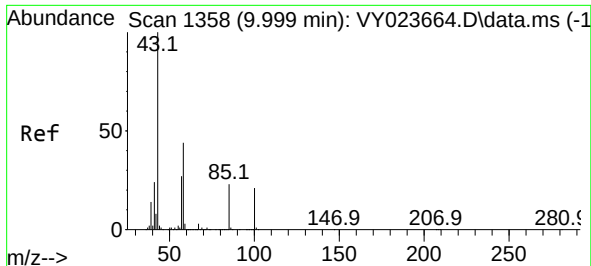
Delta R.T. -0.006 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

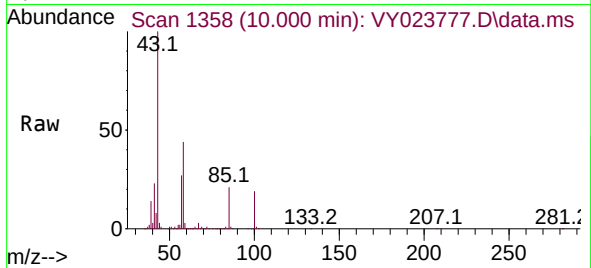
Tgt Ion:	98	Resp:	1051858
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.7	79.1





#51
4-Methyl-2-Pentanone
Concen: 97.332 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

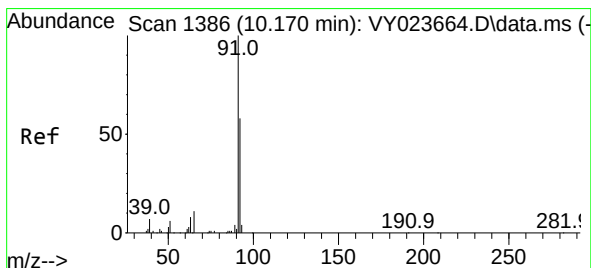
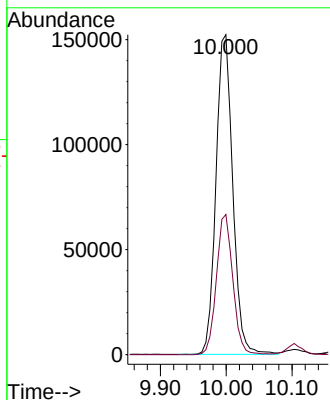
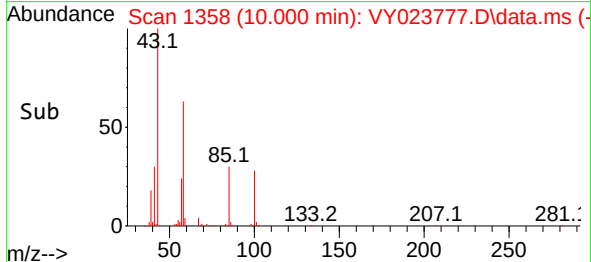
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



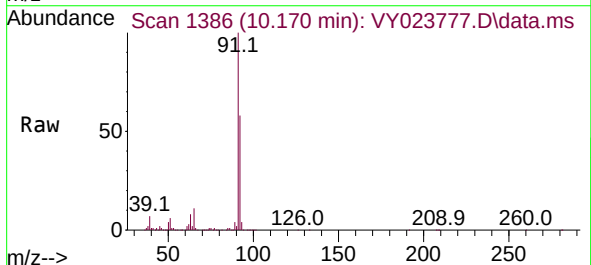
Tgt Ion: 43 Resp: 268785
Ion Ratio Lower Upper
43 100
58 42.8 34.8 52.2

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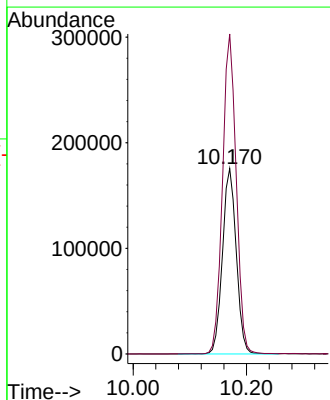
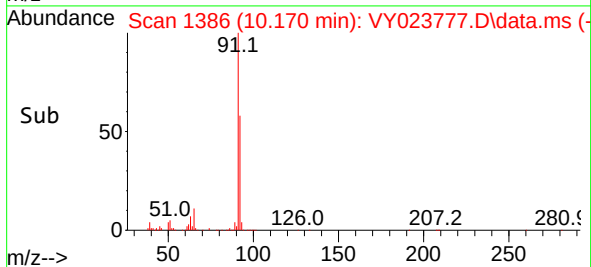
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

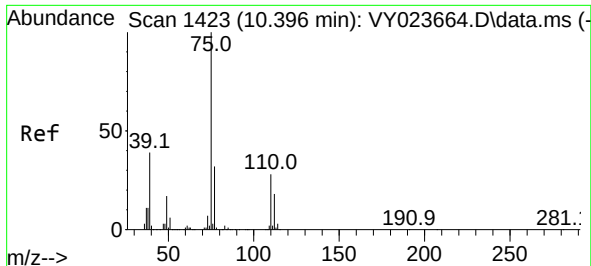


#52
Toluene
Concen: 20.627 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



Tgt Ion: 92 Resp: 296348
Ion Ratio Lower Upper
92 100
91 171.5 137.8 206.8





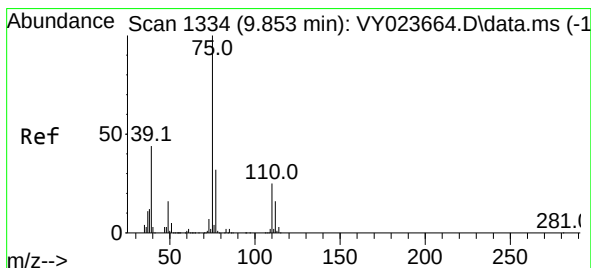
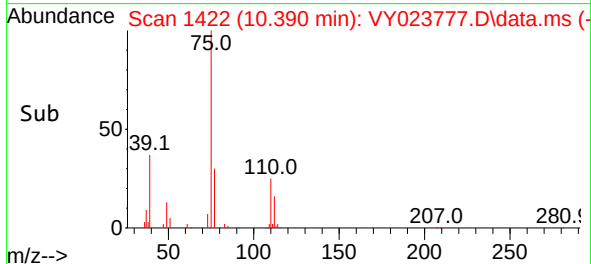
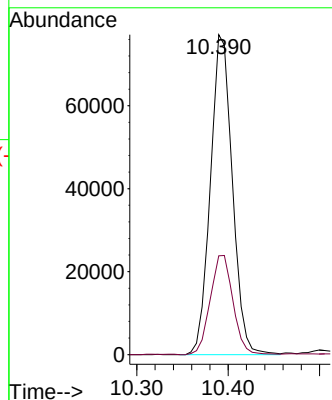
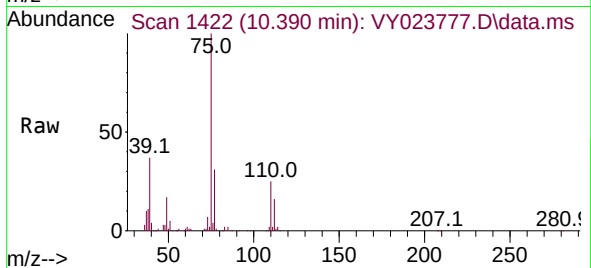
#53
t-1,3-Dichloropropene
Concen: 19.620 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion: 75 Resp: 128802
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

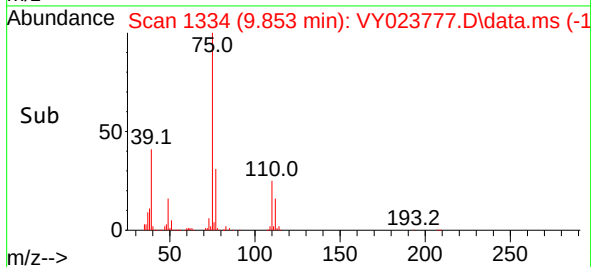
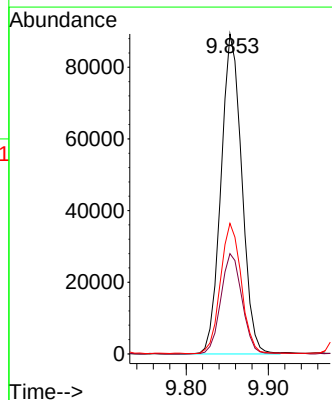
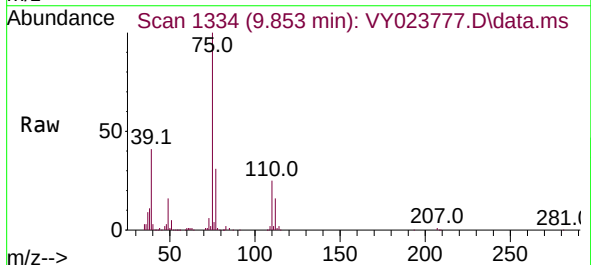
Manual Integrations
APPROVED

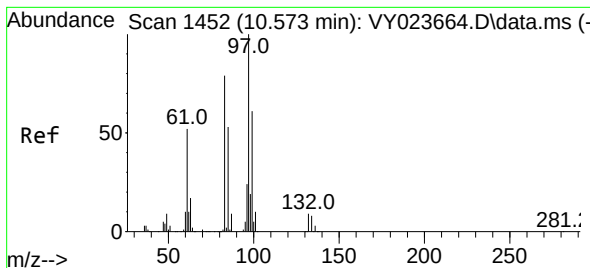
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#54
cis-1,3-Dichloropropene
Concen: 19.931 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 75 Resp: 156760
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
39 40.5 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 19.717 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

Tgt Ion: 97 Resp: 81084

Ion Ratio Lower Upper

97 100

83 82.6 63.3 94.9

85 54.9 42.4 63.6

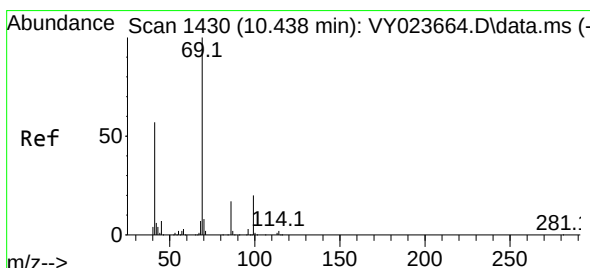
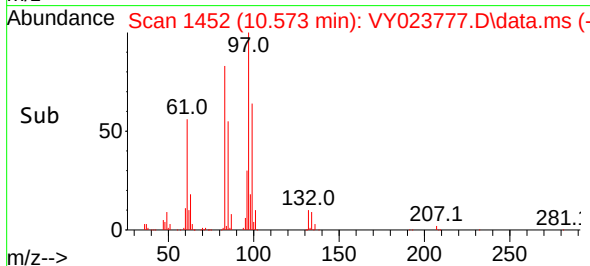
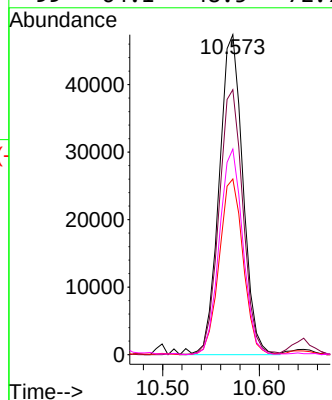
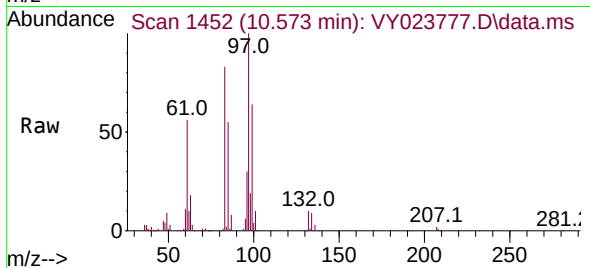
99 64.1 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#56

Ethyl methacrylate

Concen: 18.895 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

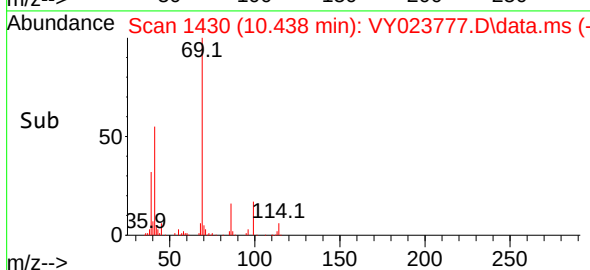
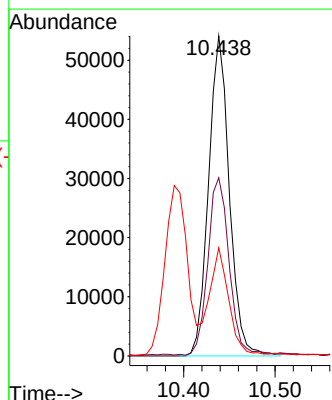
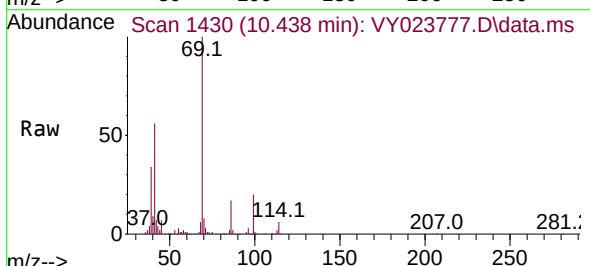
Tgt Ion: 69 Resp: 85612

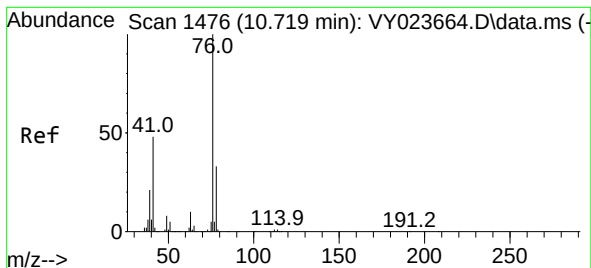
Ion Ratio Lower Upper

69 100

41 56.4 45.0 67.4

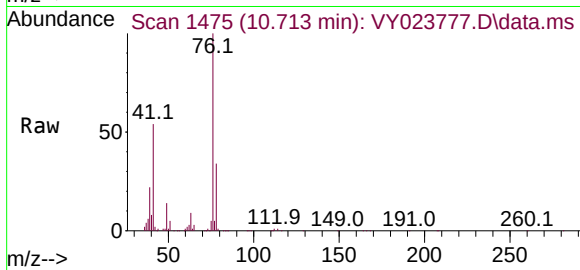
39 31.4 25.1 37.7





#57
1,3-Dichloropropane
Concen: 19.876 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

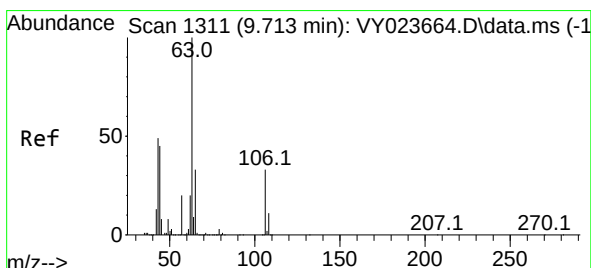
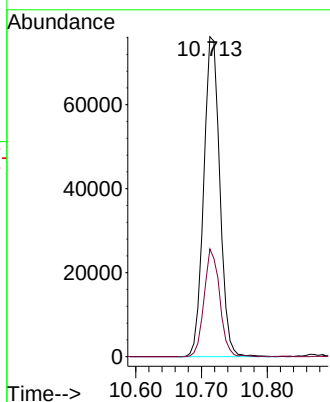
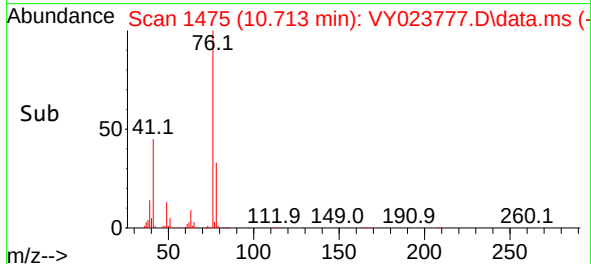
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



Tgt Ion: 76 Resp: 129649
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0

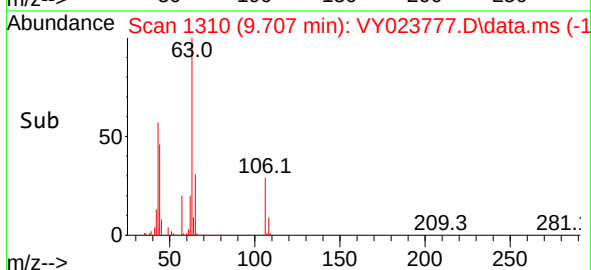
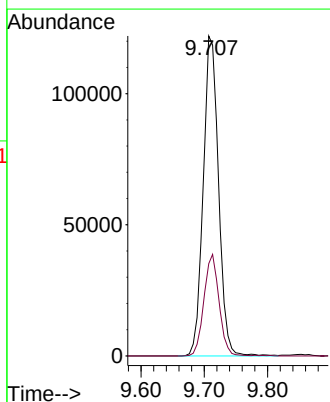
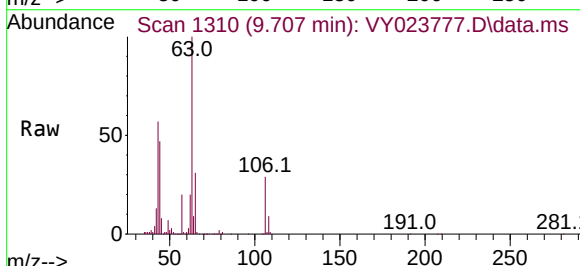
Manual Integrations
APPROVED

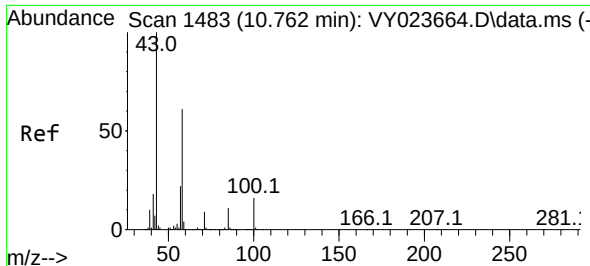
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 98.226 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

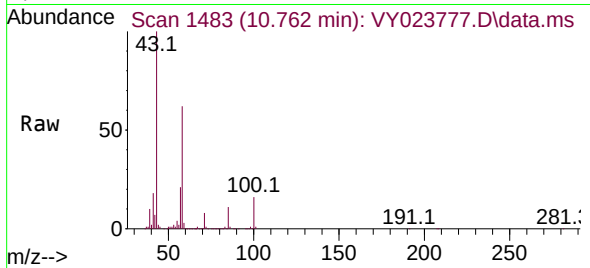
Tgt Ion: 63 Resp: 204228
Ion Ratio Lower Upper
63 100
106 31.3 26.2 39.2





#59
2-Hexanone
Concen: 101.011 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

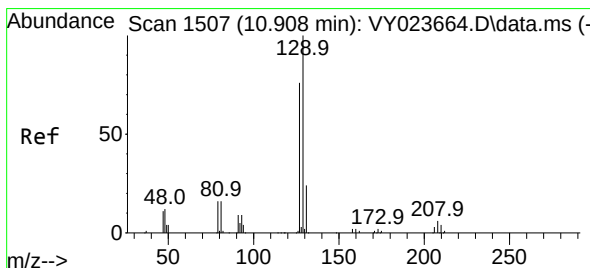
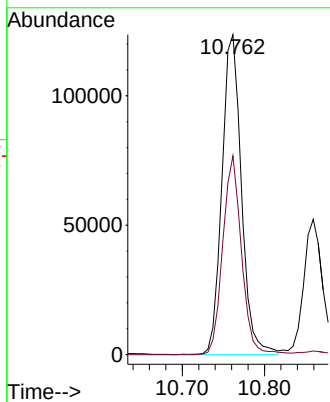
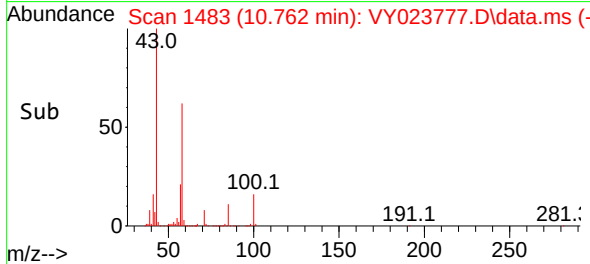
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01



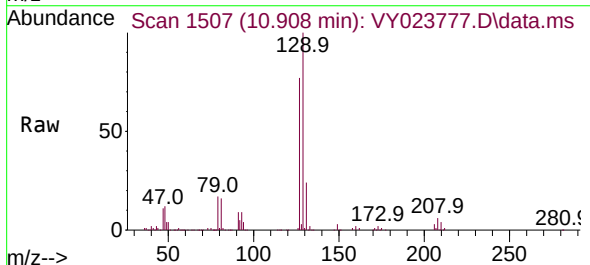
Tgt Ion: 43 Resp: 203510
Ion Ratio Lower Upper
43 100
58 59.8 30.2 90.6

Manual Integrations
APPROVED

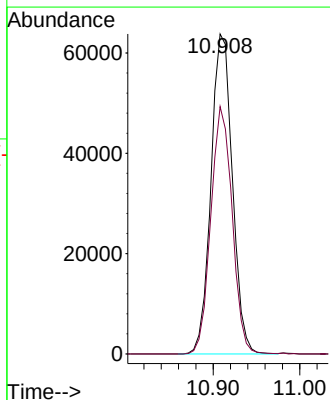
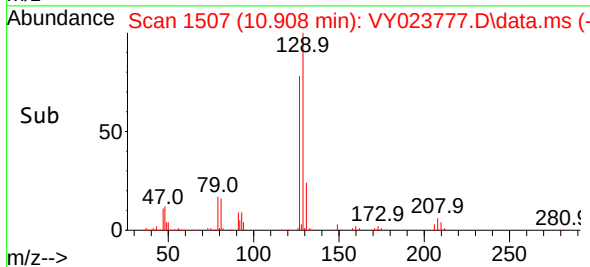
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

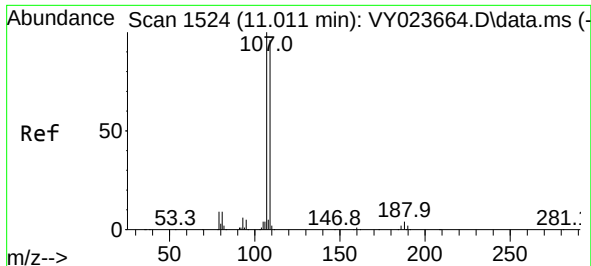


#60
Dibromochloromethane
Concen: 19.351 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



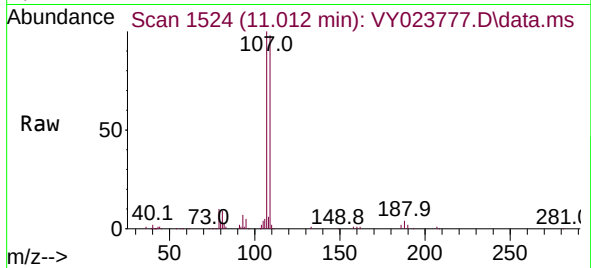
Tgt Ion:129 Resp: 109344
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





#61
1,2-Dibromoethane
Concen: 19.205 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

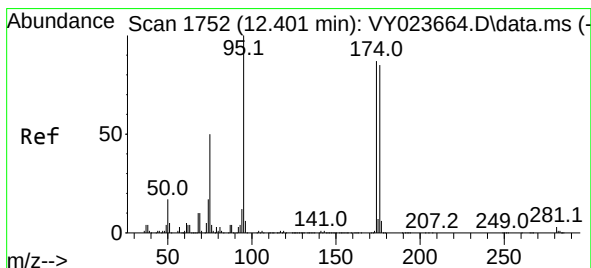
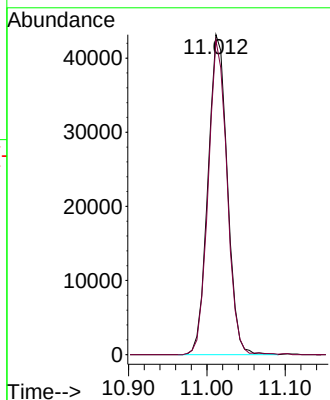
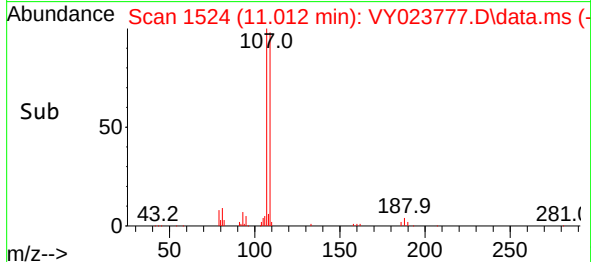
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



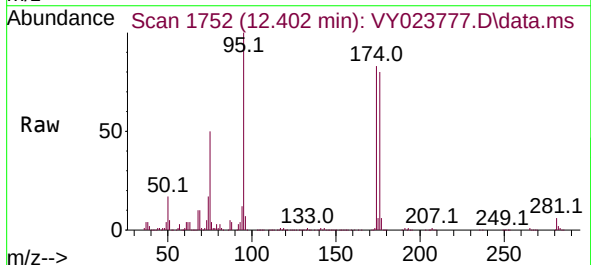
Tgt Ion:107 Resp: 74118
Ion Ratio Lower Upper
107 100
109 95.7 76.2 114.4

Manual Integrations
APPROVED

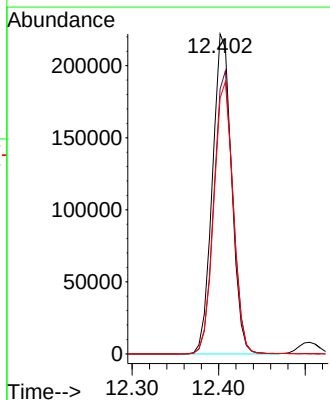
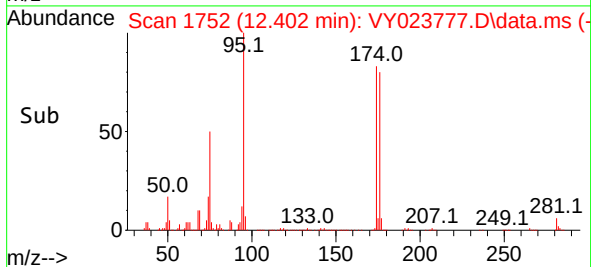
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

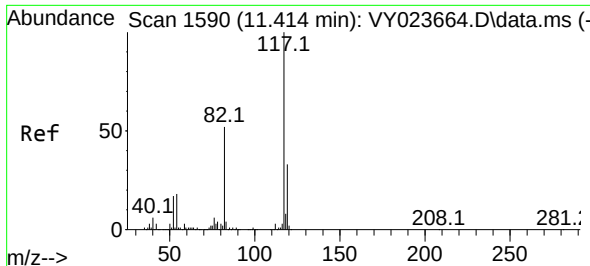


#62
4-Bromofluorobenzene
Concen: 53.214 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



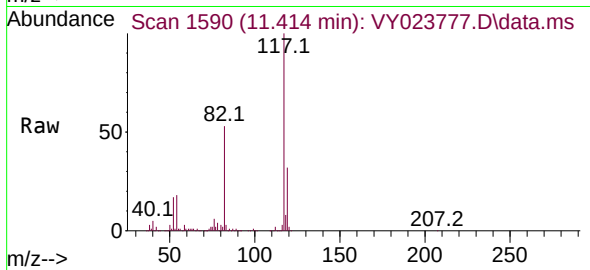
Tgt Ion: 95 Resp: 342483
Ion Ratio Lower Upper
95 100
174 87.9 0.0 184.8
176 85.5 0.0 181.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

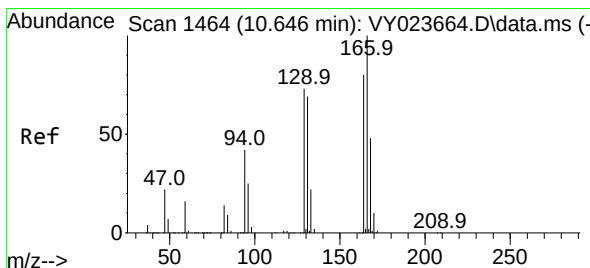
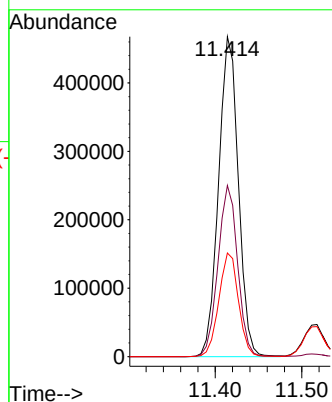
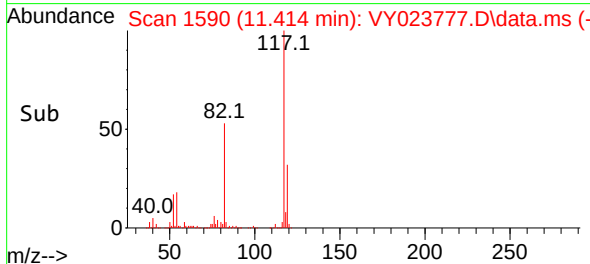
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



Tgt Ion:117 Resp: 74478
Ion Ratio Lower Upper
117 100
82 53.5 41.2 61.8
119 32.4 26.2 39.2

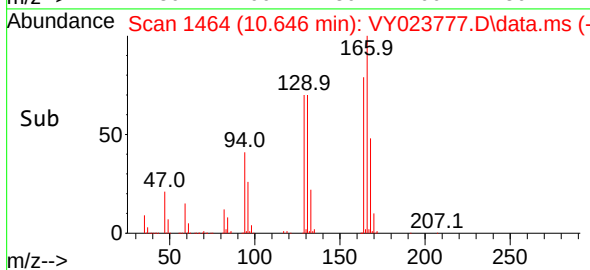
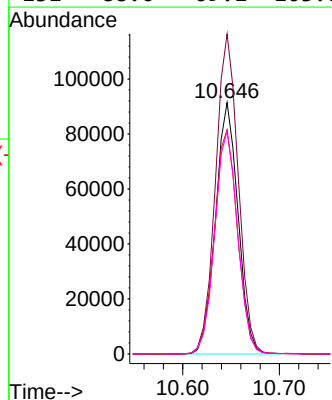
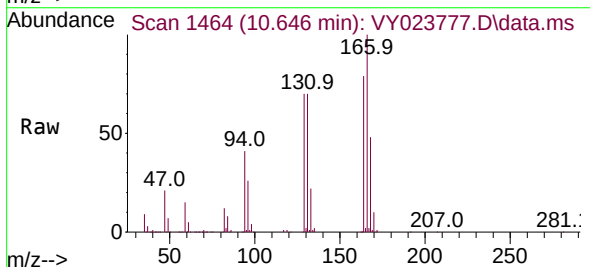
Manual Integrations
APPROVED

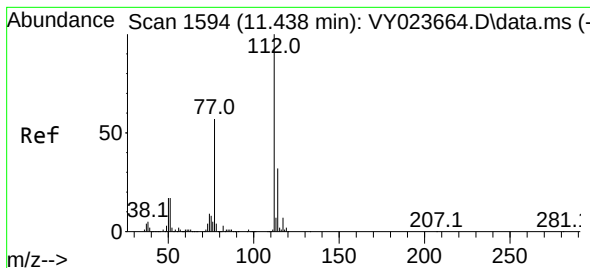
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#64
Tetrachloroethene
Concen: 19.069 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

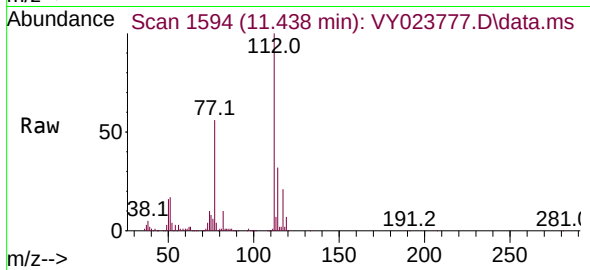
Tgt Ion:164 Resp: 147823
Ion Ratio Lower Upper
164 100
166 127.3 99.5 149.3
129 89.2 72.3 108.5
131 88.6 69.1 103.7





#65
Chlorobenzene
Concen: 19.933 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

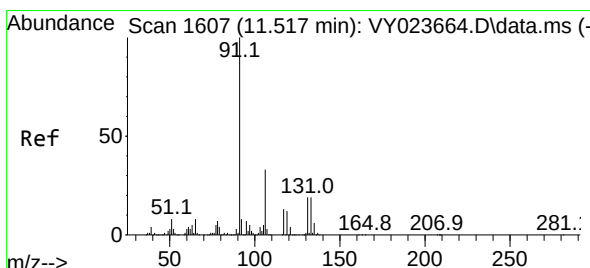
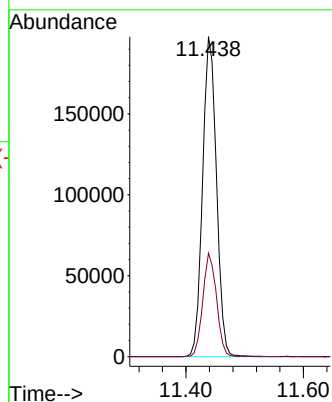
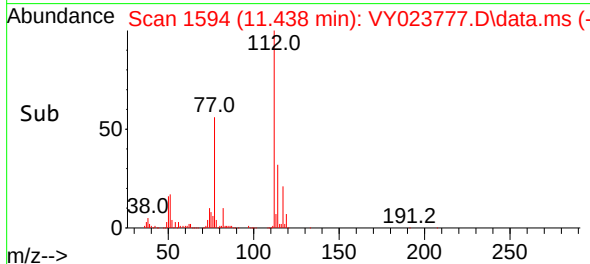
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



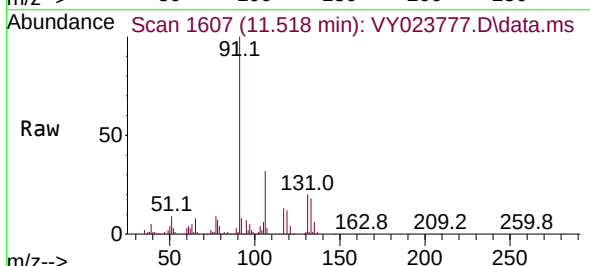
Tgt Ion:112 Resp: 323200
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

Manual Integrations
APPROVED

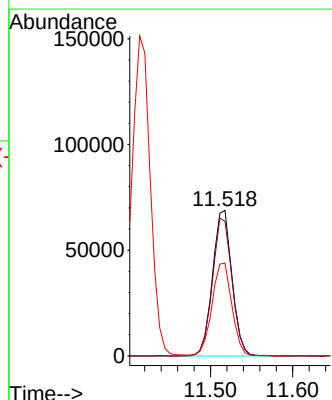
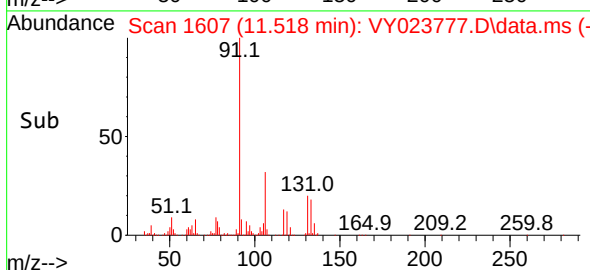
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

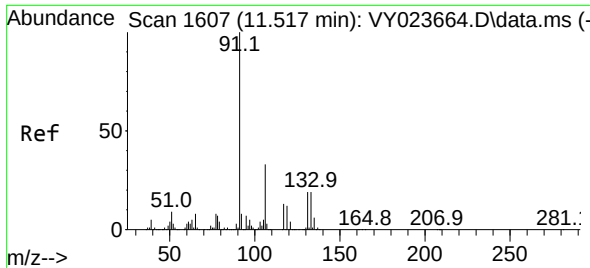


#66
1,1,1,2-Tetrachloroethane
Concen: 19.686 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



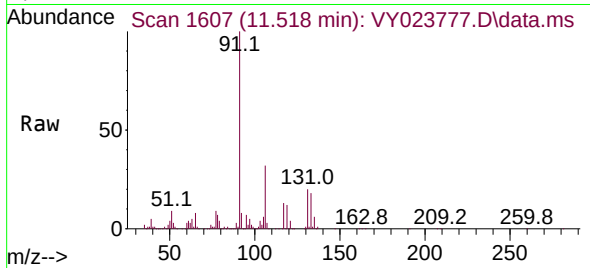
Tgt Ion:131 Resp: 112867
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 65.5 32.5 97.4





#67
Ethyl Benzene
Concen: 20.107 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

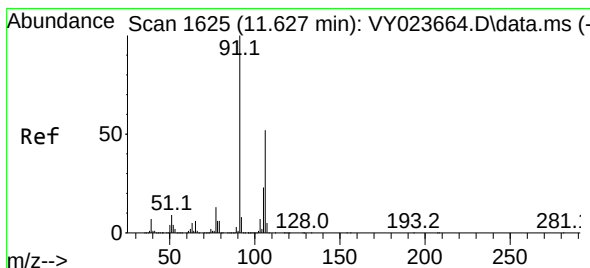
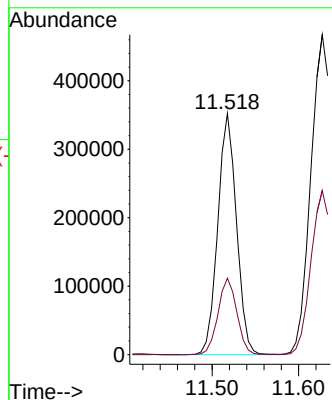
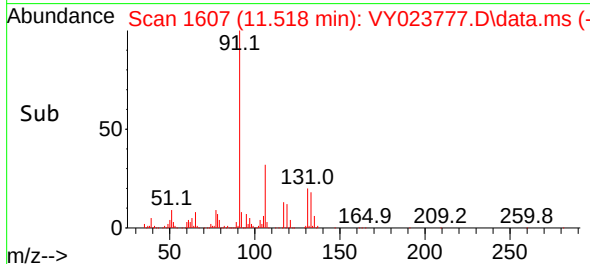
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



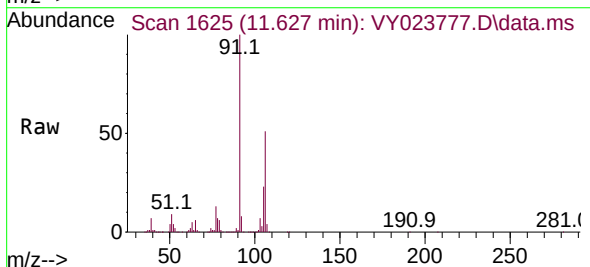
Tgt Ion: 91 Resp: 527652
Ion Ratio Lower Upper
91 100
106 31.7 26.6 40.0

Manual Integrations
APPROVED

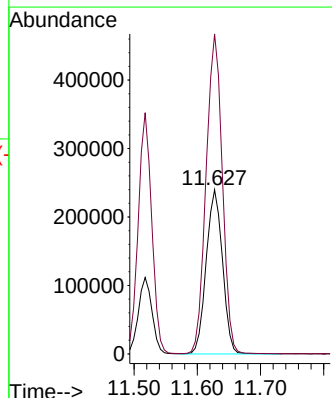
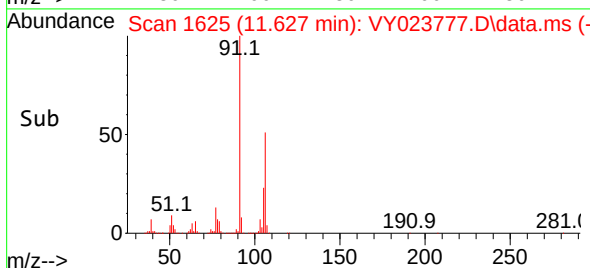
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

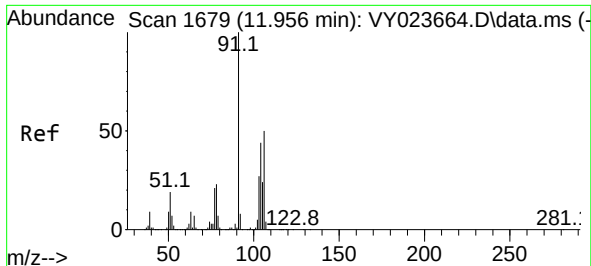


#68
m/p-Xylenes
Concen: 40.716 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



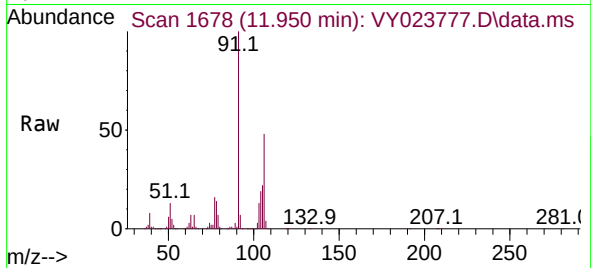
Tgt Ion:106 Resp: 426889
Ion Ratio Lower Upper
106 100
91 194.5 154.3 231.5





#69
o-Xylene
Concen: 19.711 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

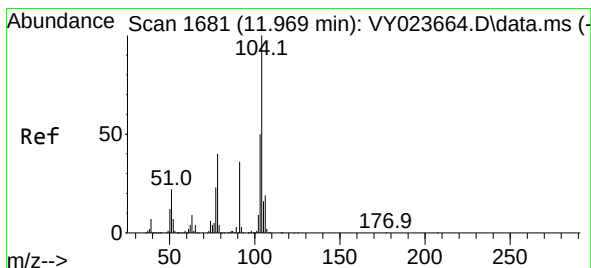
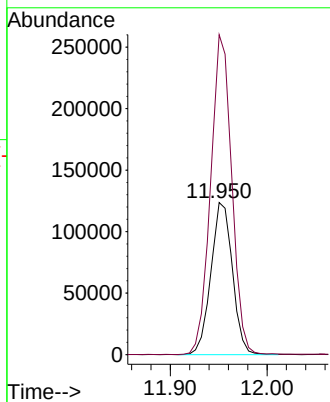
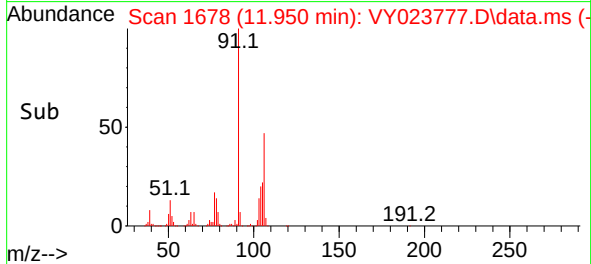
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



Tgt Ion:106 Resp: 191040
Ion Ratio Lower Upper
106 100
91 207.0 101.6 304.6

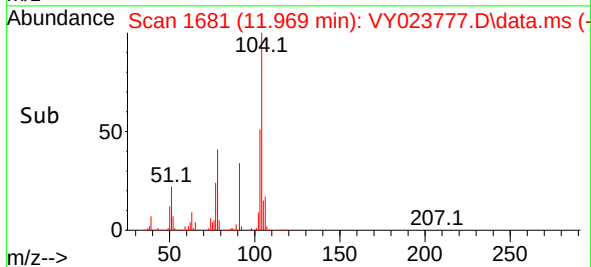
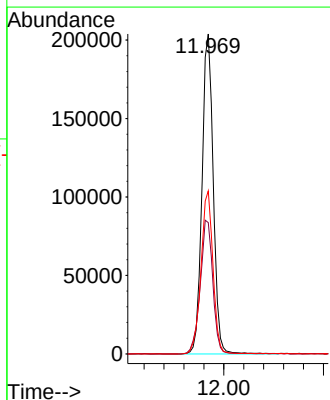
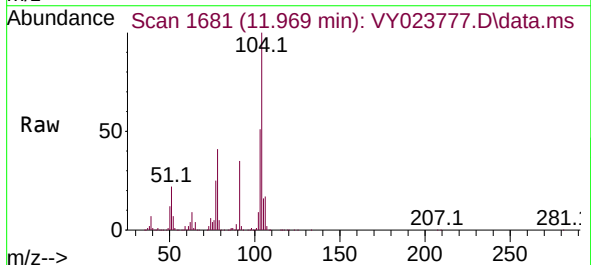
Manual Integrations
APPROVED

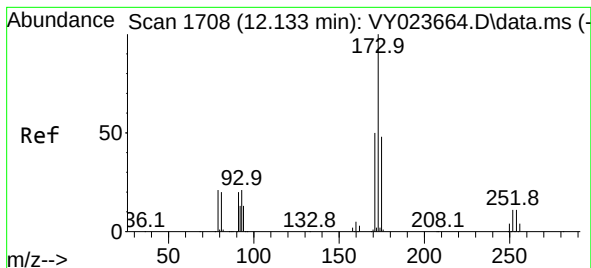
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#70
Styrene
Concen: 19.999 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion:104 Resp: 319808
Ion Ratio Lower Upper
104 100
78 46.6 36.5 54.7
103 54.2 43.7 65.5





#71

Bromoform

Concen: 18.945 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. -0.006 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

Tgt Ion:173 Resp: 63439

Ion Ratio Lower Upper

173 100

175 49.5 24.2 72.6

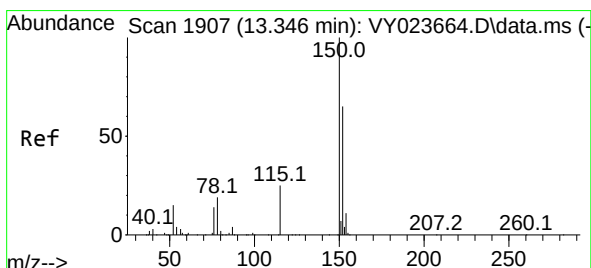
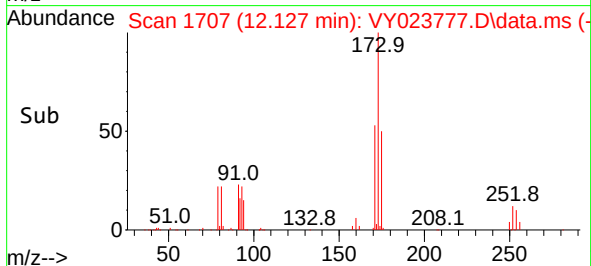
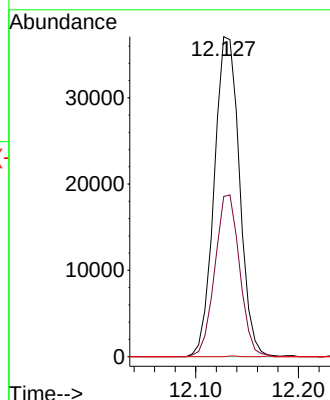
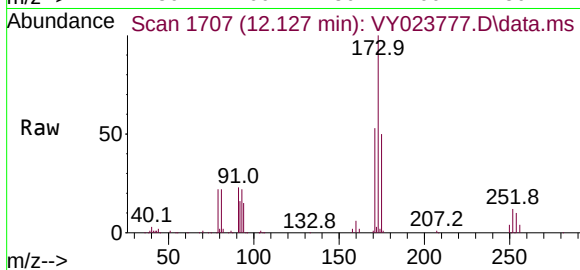
254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

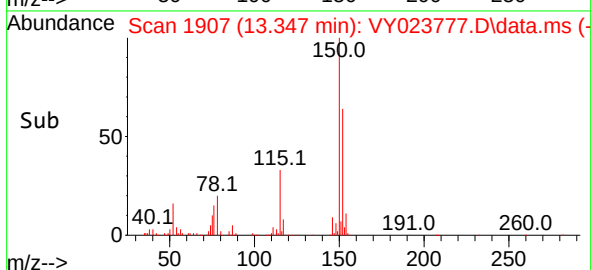
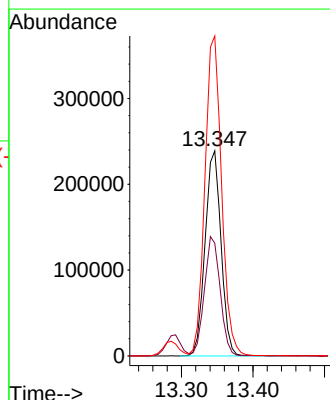
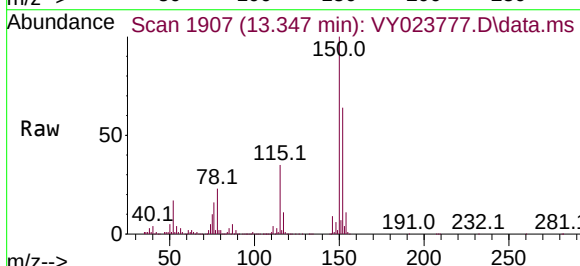
Tgt Ion:152 Resp: 370605

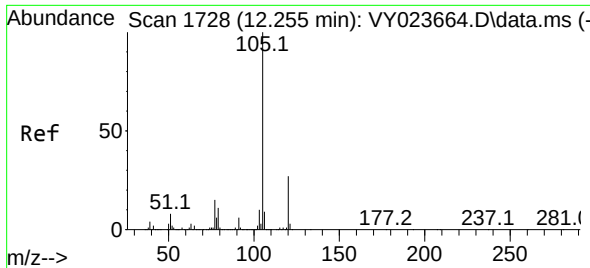
Ion Ratio Lower Upper

152 100

115 57.3 27.5 82.5

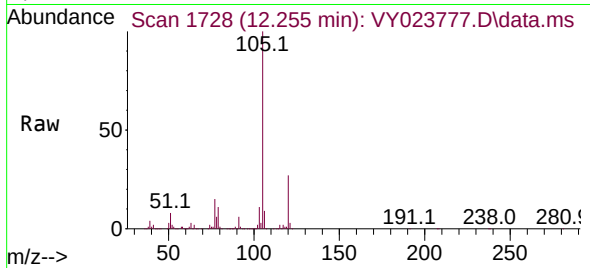
150 162.8 0.0 349.0





#73
Isopropylbenzene
Concen: 20.296 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

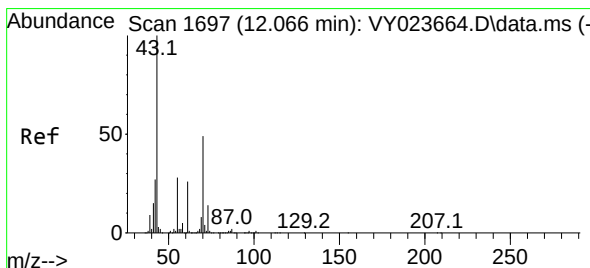
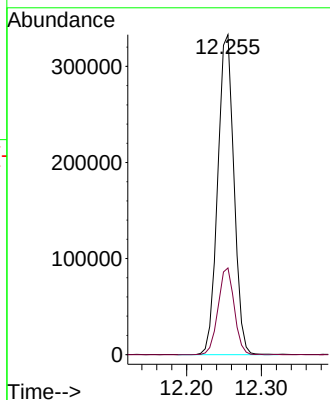
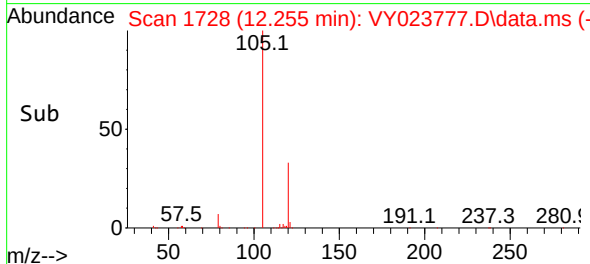
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



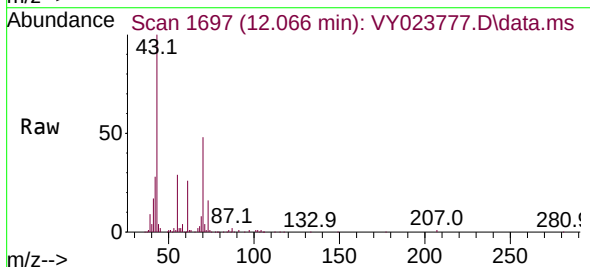
Tgt Ion:105 Resp: 503084
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.7

Manual Integrations
APPROVED

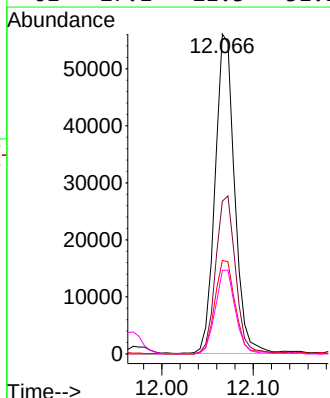
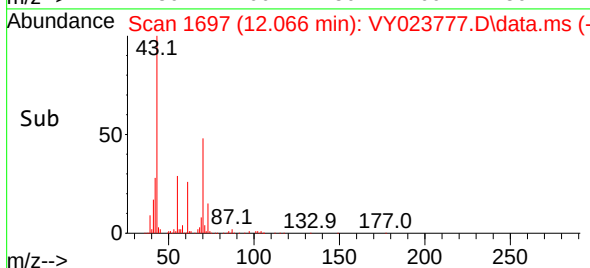
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

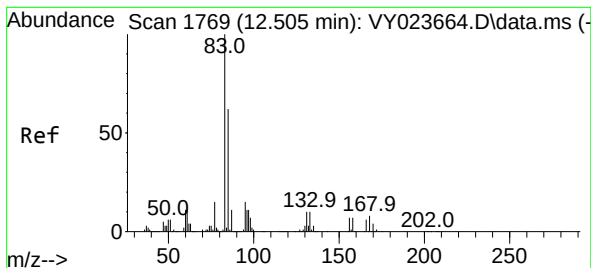


#74
N-ethyl acetate
Concen: 19.792 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



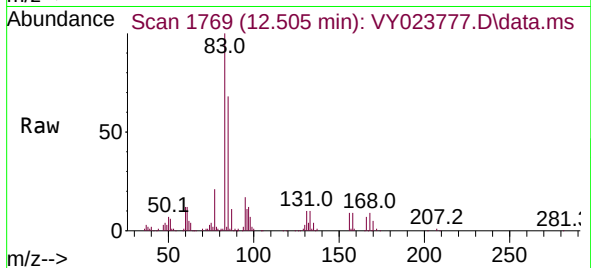
Tgt Ion: 43 Resp: 83057
Ion Ratio Lower Upper
43 100
70 50.8 40.1 60.1
55 31.1 23.0 34.6
61 27.1 21.3 31.9





#75
1,1,2,2-Tetrachloroethane
Concen: 20.353 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

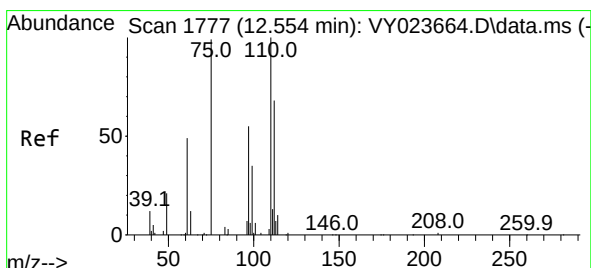
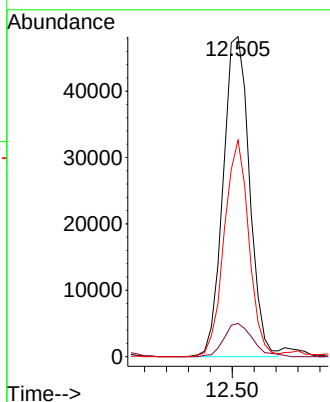
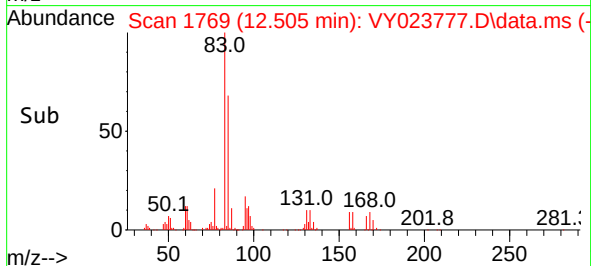
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



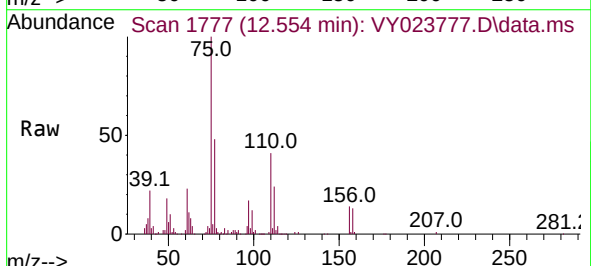
Tgt Ion: 83 Resp: 80572
Ion Ratio Lower Upper
83 100
131 11.2 5.7 17.0
85 63.2 31.9 95.7

Manual Integrations
APPROVED

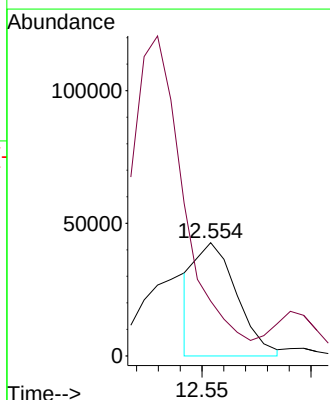
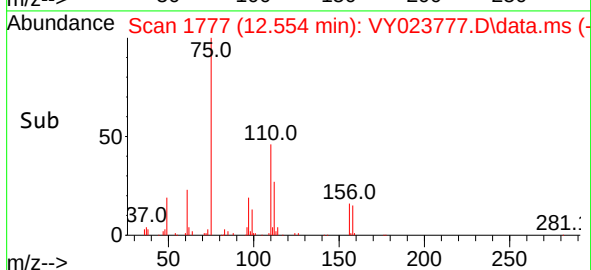
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

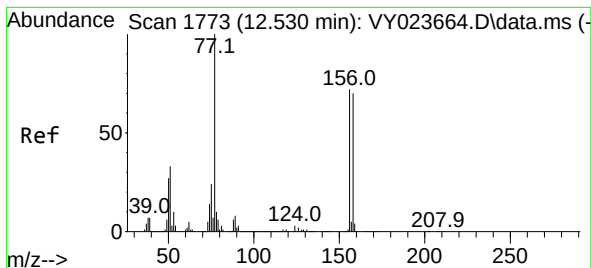


#76
1,2,3-Trichloropropane
Concen: 19.123 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



Tgt Ion: 75 Resp: 57357
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.789 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

Tgt Ion:156 Resp: 127235

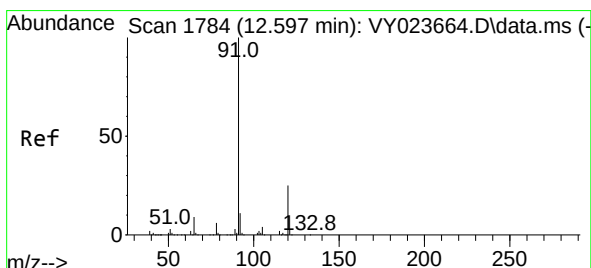
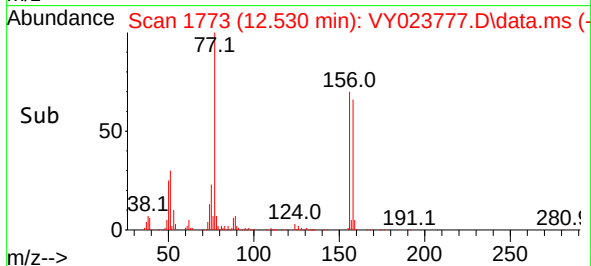
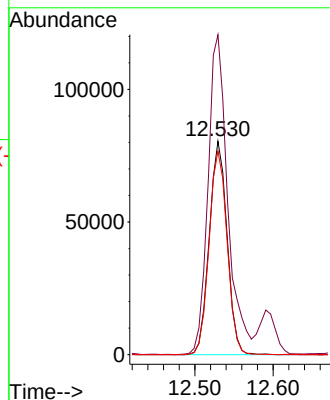
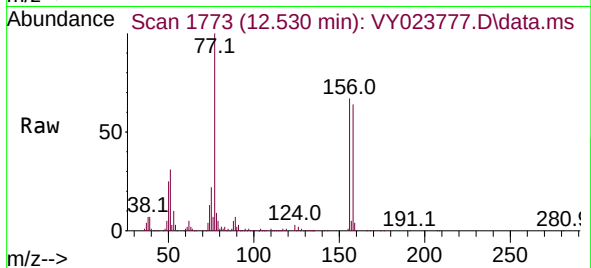
Ion	Ratio	Lower	Upper
156	100		
77	166.2	77.9	233.7
158	96.2	48.5	145.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#78

n-propylbenzene

Concen: 20.769 ug/l

RT: 12.591 min Scan# 1783

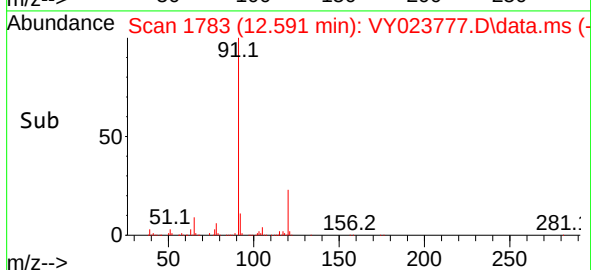
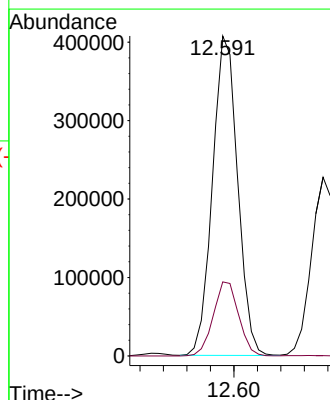
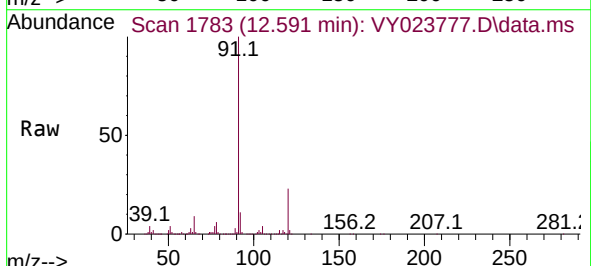
Delta R.T. -0.006 min

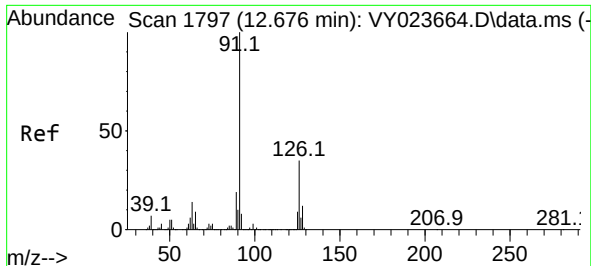
Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Tgt Ion: 91 Resp: 605532

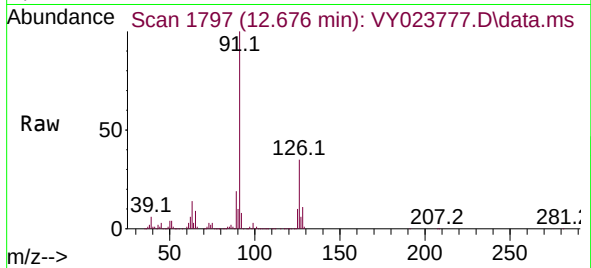
Ion	Ratio	Lower	Upper
91	100		
120	23.4	12.0	36.1





#79
2-Chlorotoluene
Concen: 20.742 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

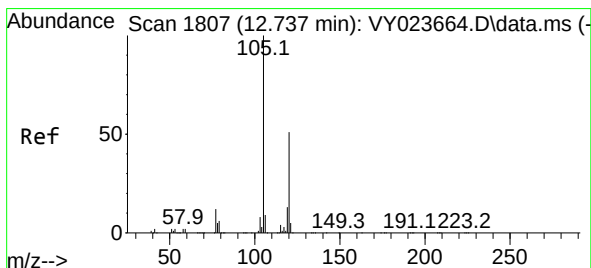
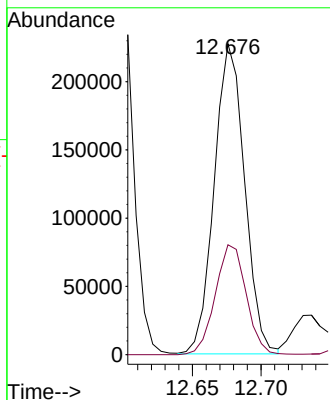
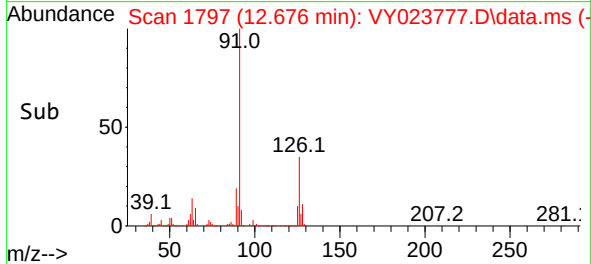
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



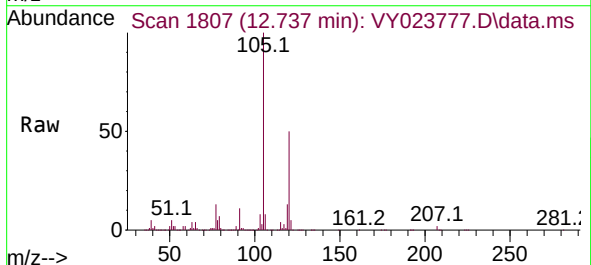
Tgt Ion: 91 Resp: 350932
Ion Ratio Lower Upper
91 100
126 35.9 18.0 54.0

Manual Integrations
APPROVED

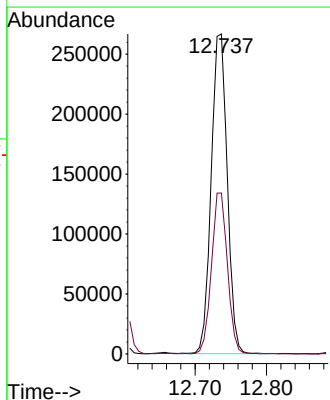
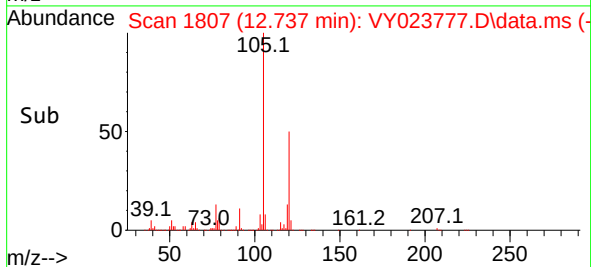
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

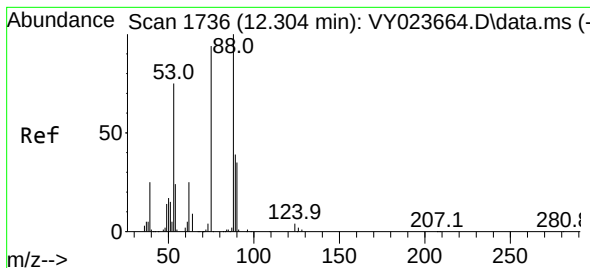


#80
1,3,5-Trimethylbenzene
Concen: 20.617 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



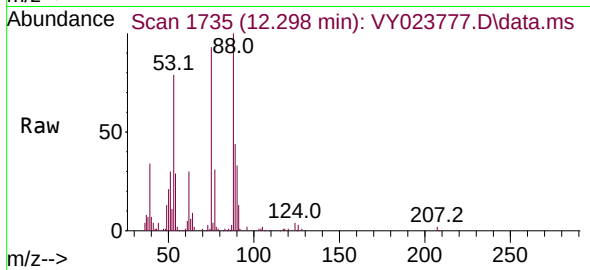
Tgt Ion:105 Resp: 415196
Ion Ratio Lower Upper
105 100
120 49.9 25.4 76.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.636 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

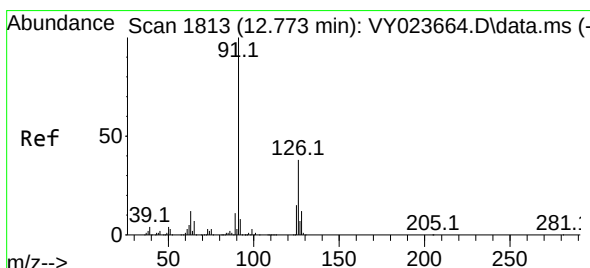
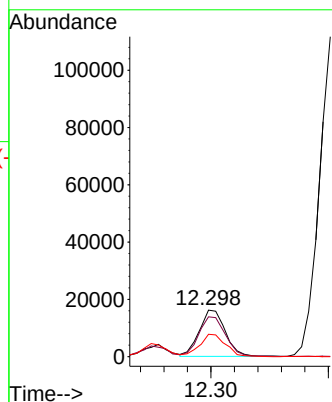
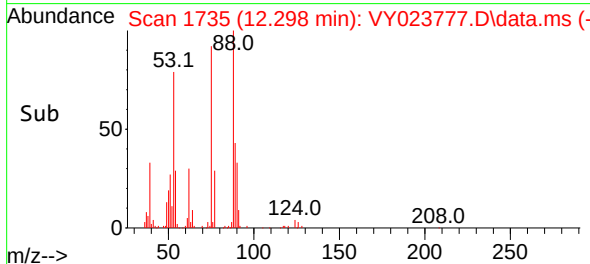
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01



Tgt Ion: 75 Resp: 24733
Ion Ratio Lower Upper
75 100
53 88.5 69.6 104.4
89 48.2 38.2 57.4

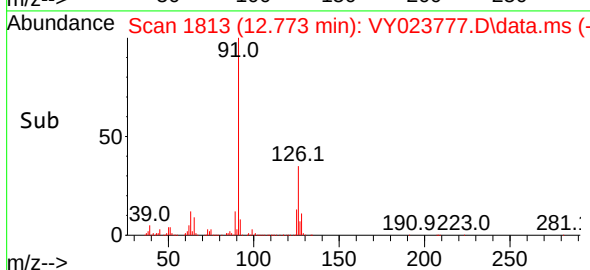
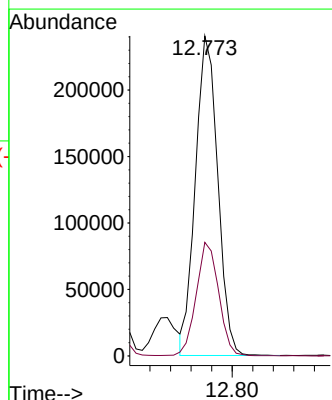
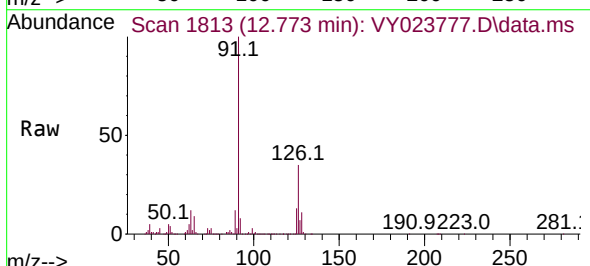
Manual Integrations
APPROVED

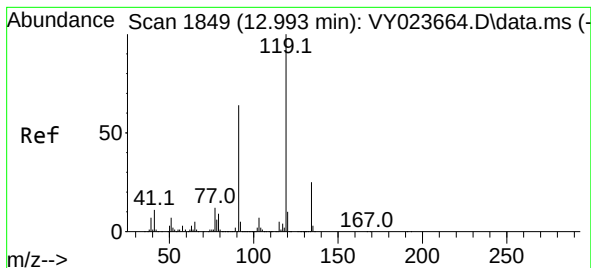
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#82
4-Chlorotoluene
Concen: 20.725 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Tgt Ion: 91 Resp: 361606
Ion Ratio Lower Upper
91 100
126 35.8 18.1 54.4





#83

tert-Butylbenzene

Concen: 19.900 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

Tgt Ion:119 Resp: 365003

Ion Ratio Lower Upper

119 100

91 62.2 30.7 92.1

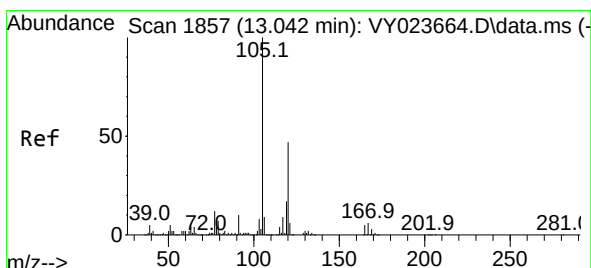
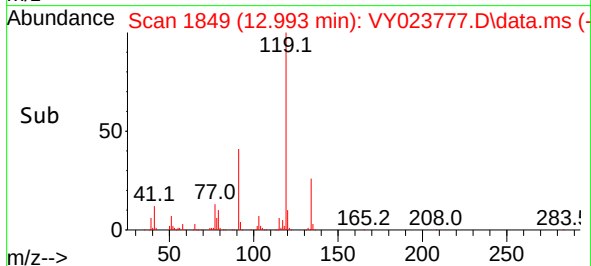
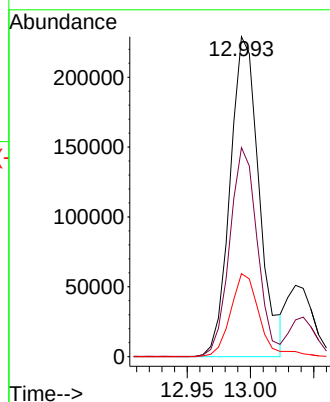
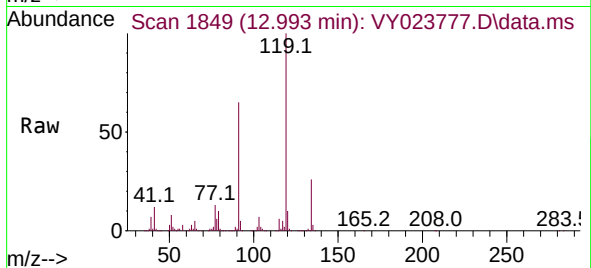
134 25.9 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.523 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023777.D

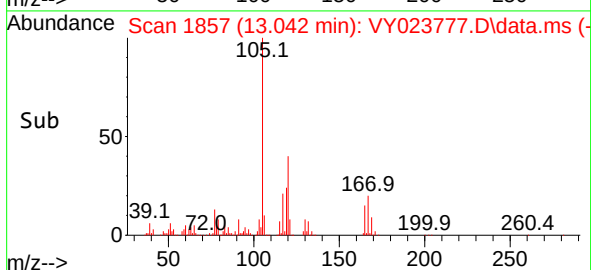
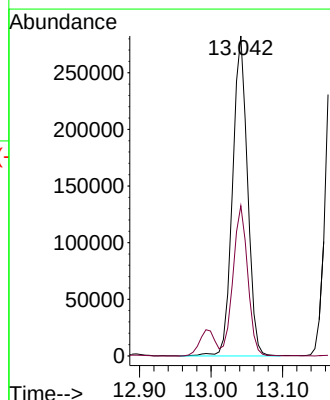
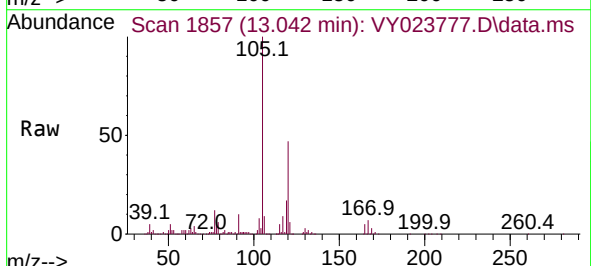
Acq: 13 Nov 2025 11:09

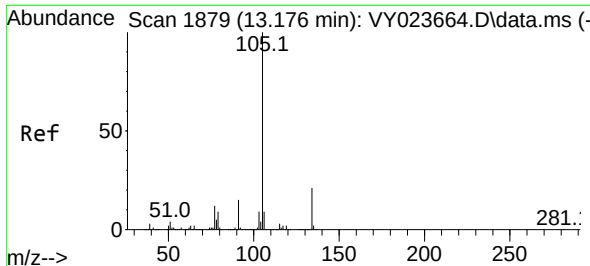
Tgt Ion:105 Resp: 409365

Ion Ratio Lower Upper

105 100

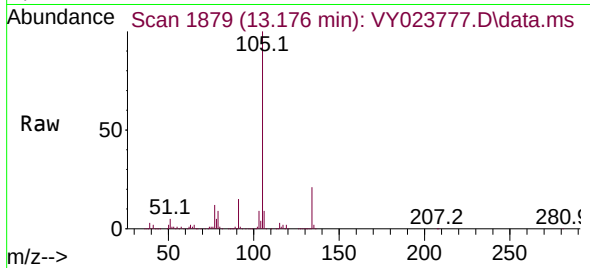
120 46.2 23.2 69.6





#85
sec-Butylbenzene
Concen: 20.341 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

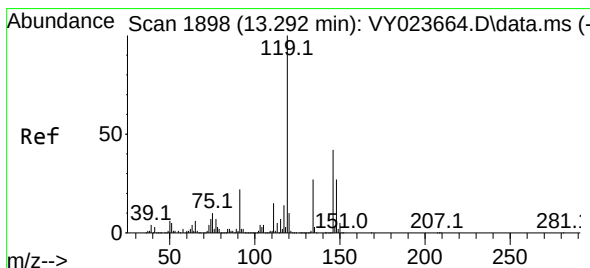
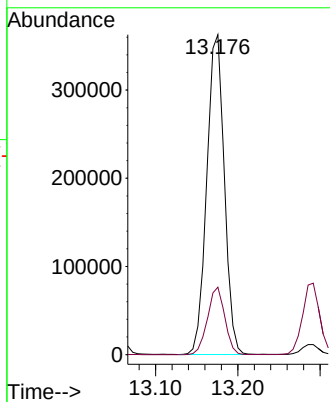
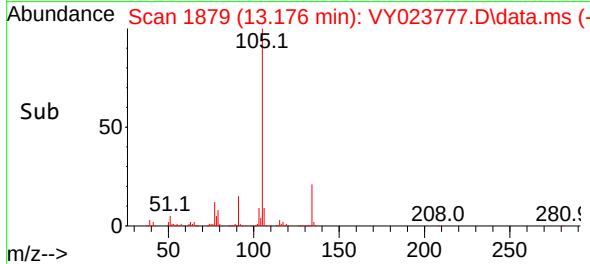
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



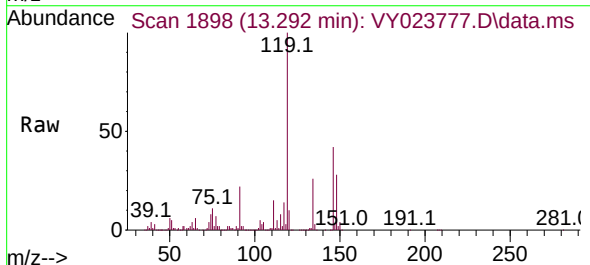
Tgt Ion:105 Resp: 538142
Ion Ratio Lower Upper
105 100
134 20.7 10.4 31.4

Manual Integrations
APPROVED

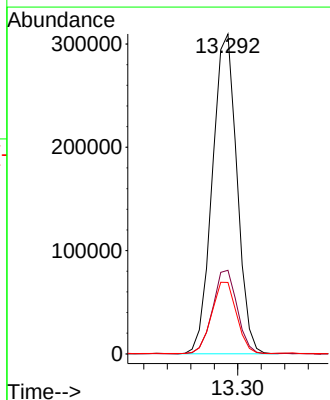
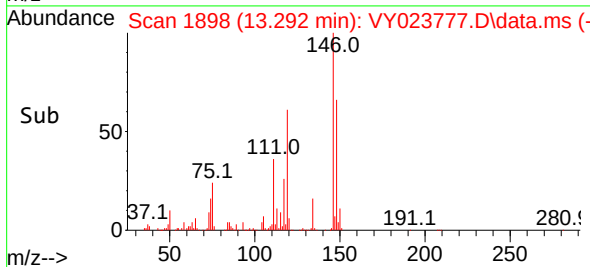
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

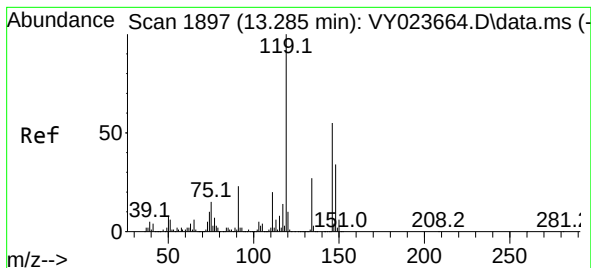


#86
p-Isopropyltoluene
Concen: 20.081 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



Tgt Ion:119 Resp: 449740
Ion Ratio Lower Upper
119 100
134 26.2 13.4 40.2
91 22.6 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 19.840 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

Tgt Ion:146 Resp: 251073

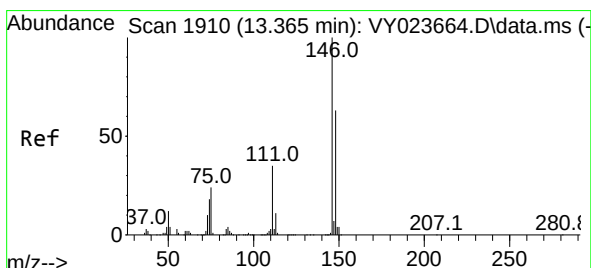
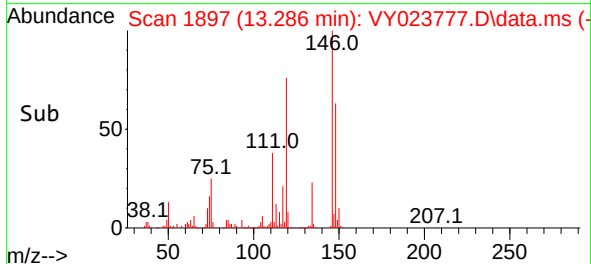
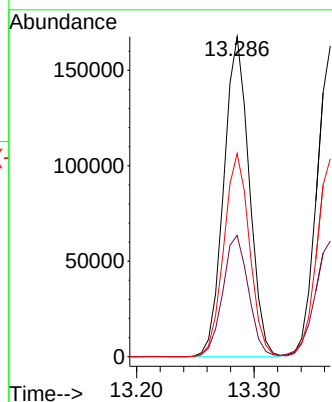
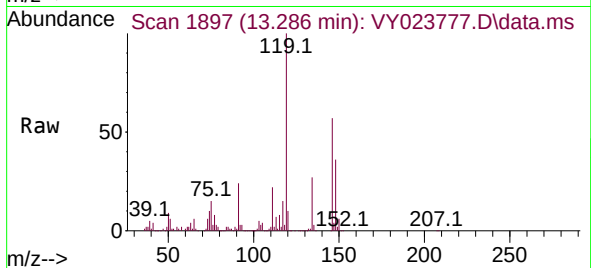
Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	64.1	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#88

1,4-Dichlorobenzene

Concen: 19.732 ug/l

RT: 13.365 min Scan# 1910

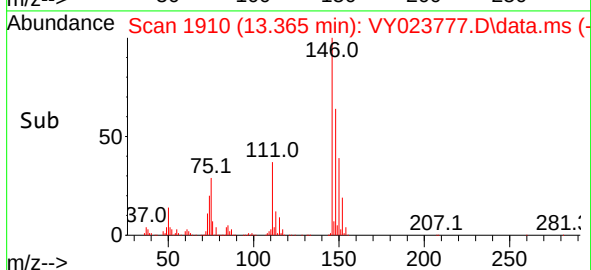
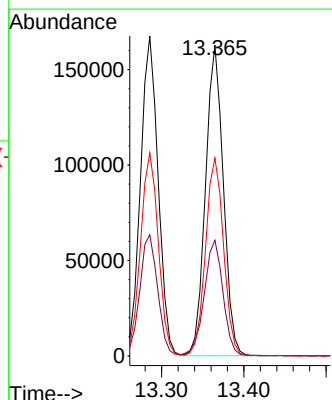
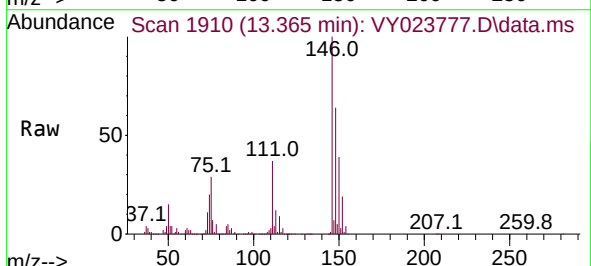
Delta R.T. 0.000 min

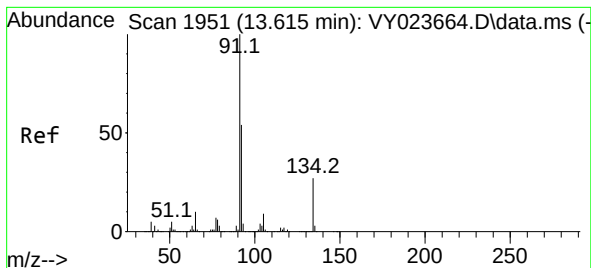
Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Tgt Ion:146 Resp: 245279

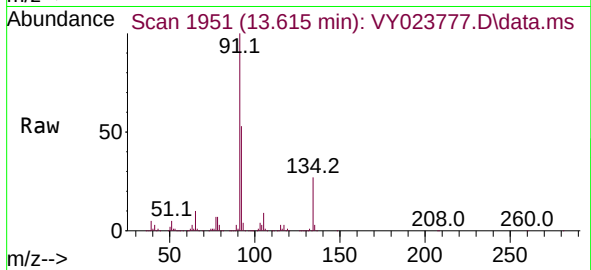
Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.3	54.8
148	64.4	31.8	95.3





#89
n-Butylbenzene
Concen: 20.424 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

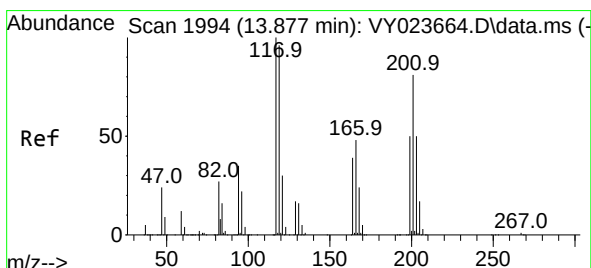
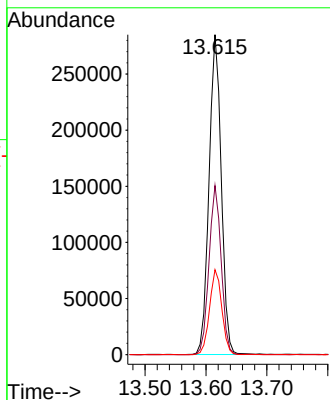
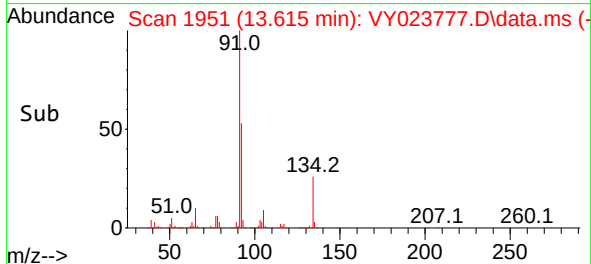
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01



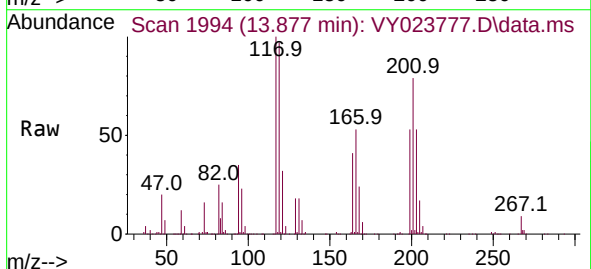
Tgt Ion: 91 Resp: 397748
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.4
134 26.7 13.7 41.1

Manual Integrations
APPROVED

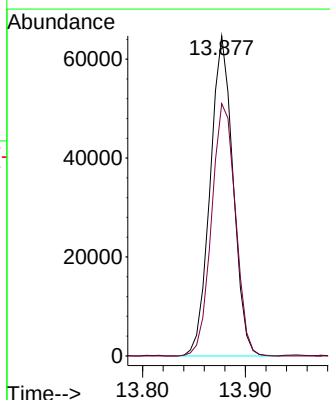
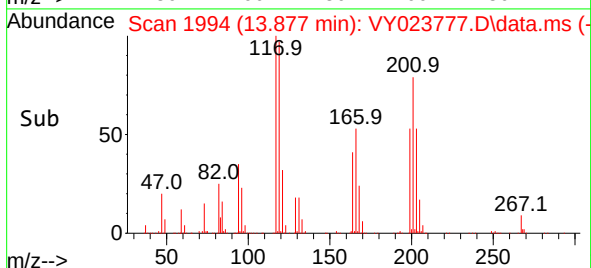
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

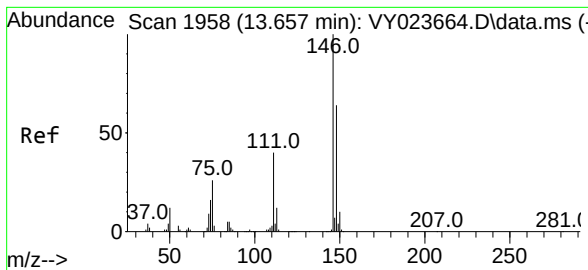


#90
Hexachloroethane
Concen: 20.846 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



Tgt Ion:117 Resp: 100331
Ion Ratio Lower Upper
117 100
201 82.1 42.3 126.8





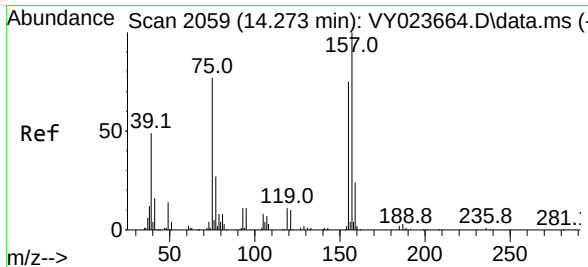
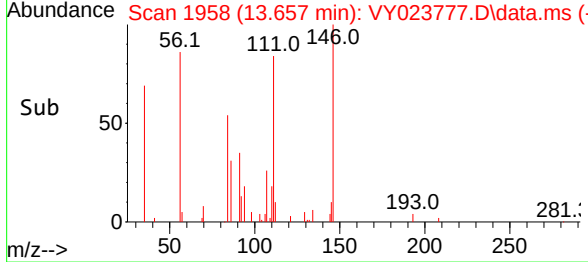
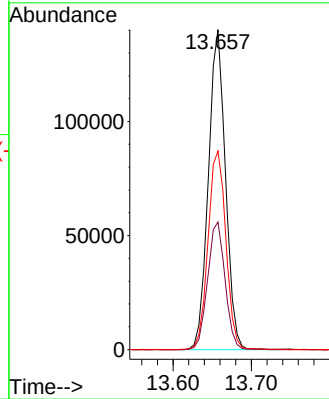
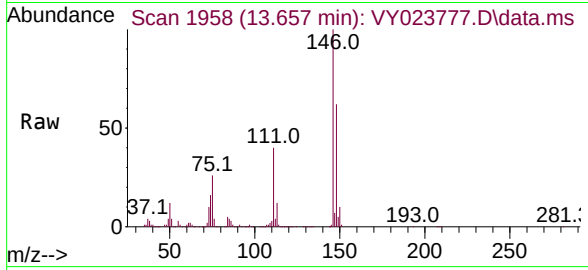
#91
1,2-Dichlorobenzene
Concen: 19.562 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion:146 Resp: 213329
Ion Ratio Lower Upper
146 100
111 40.7 19.5 58.5
148 64.7 31.9 95.9

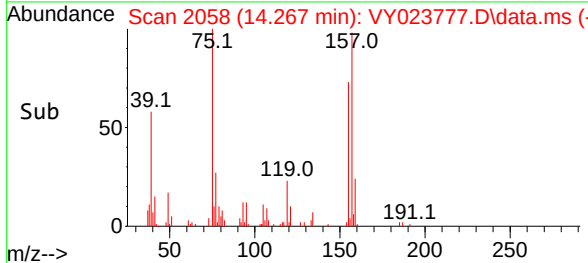
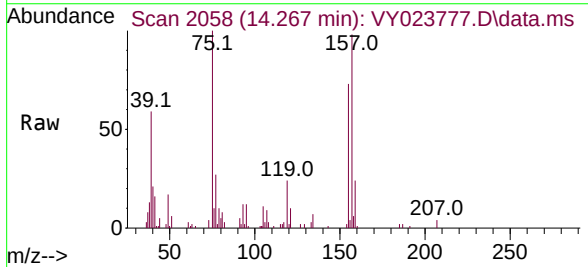
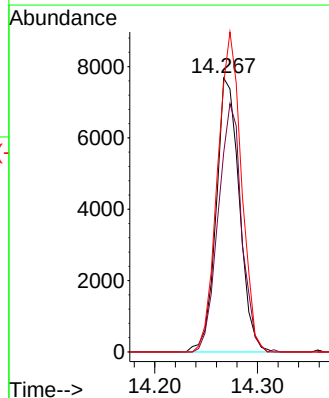
Manual Integrations
APPROVED

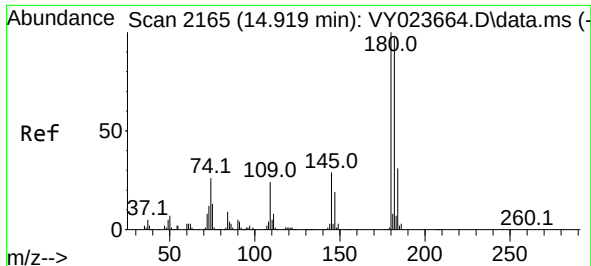
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.736 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

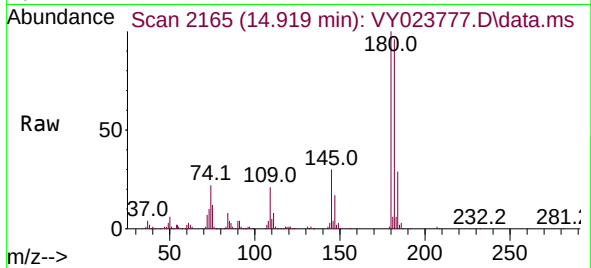
Tgt Ion: 75 Resp: 12030
Ion Ratio Lower Upper
75 100
155 91.4 49.4 148.2
157 120.1 63.2 189.8





#93
1,2,4-Trichlorobenzene
Concen: 22.314 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09

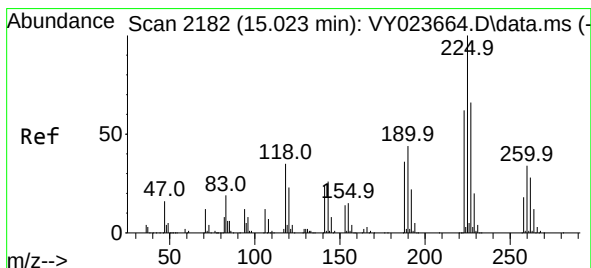
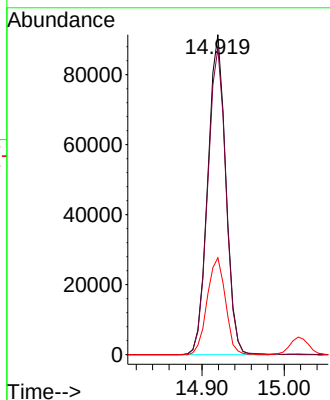
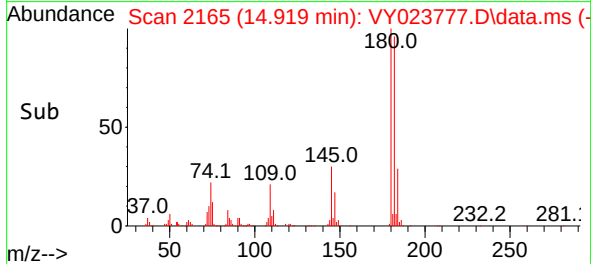
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



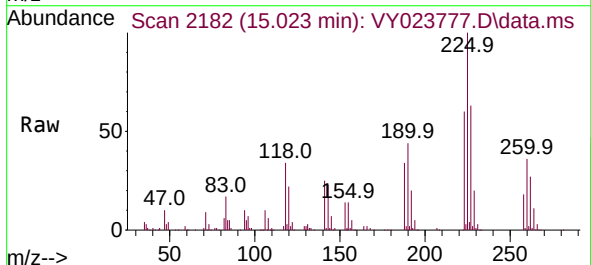
Tgt Ion:180 Resp: 139193
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.6
145 30.6 14.4 43.4

Manual Integrations
APPROVED

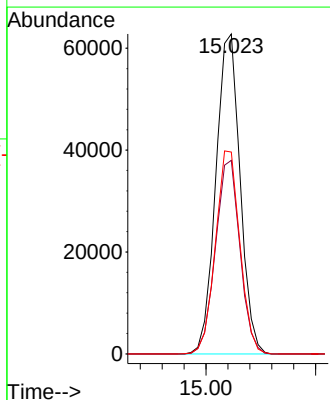
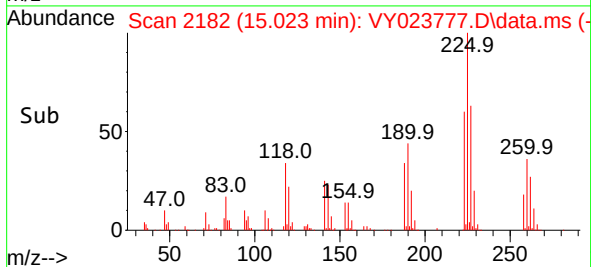
Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

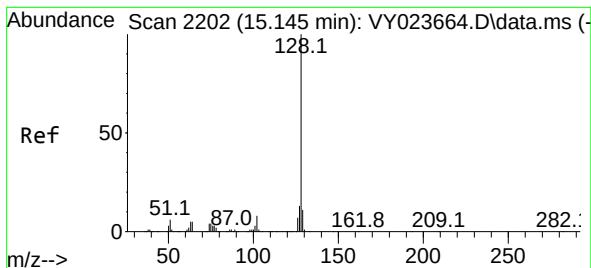


#94
Hexachlorobutadiene
Concen: 23.585 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY023777.D
Acq: 13 Nov 2025 11:09



Tgt Ion:225 Resp: 96394
Ion Ratio Lower Upper
225 100
223 61.0 30.8 92.3
227 63.9 32.0 96.2





#95

Naphthalene

Concen: 21.907 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

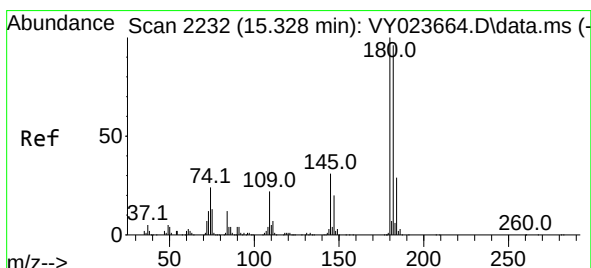
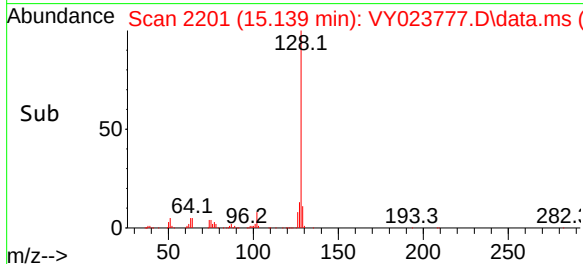
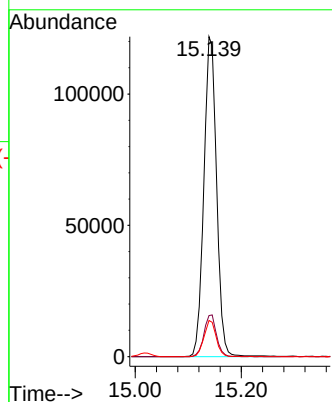
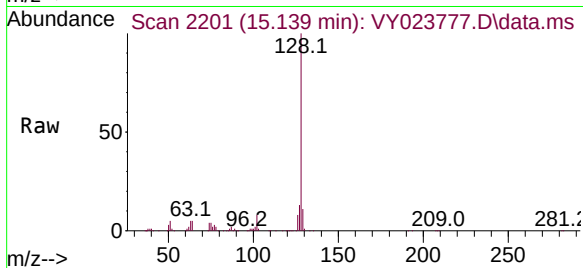
Tgt Ion:	128	Resp:	20286
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#96

1,2,3-Trichlorobenzene

Concen: 23.455 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023777.D

Acq: 13 Nov 2025 11:09

Tgt Ion:	180	Resp:	122243
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.5	142.6
145	31.5	15.5	46.5

