

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
 Data File : VY022474.D
 Acq On : 30 May 2025 13:14
 Operator : SY/MD
 Sample : VY0530SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBS01

Quant Time: May 31 02:25:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/02/2025
 Supervised By : Mahesh Dadoda 06/02/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	186406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	333200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	281139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	126345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112710	57.405	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.800%			
35) Dibromofluoromethane	7.634	113	101504	52.018	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.040%			
50) Toluene-d8	10.103	98	415894	52.283	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.560%			
62) 4-Bromofluorobenzene	12.408	95	121648	50.557	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	42196	23.726	ug/l	98
3) Chloromethane	2.068	50	128677	29.415	ug/l	98
4) Vinyl Chloride	2.202	62	144461	27.183	ug/l	100
5) Bromomethane	2.592	94	138463	28.671	ug/l	99
6) Chloroethane	2.732	64	94531	27.221	ug/l	97
7) Trichlorofluoromethane	3.049	101	116903	26.072	ug/l	93
8) Diethyl Ether	3.458	74	24241	23.447	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	44364	22.553	ug/l	99
10) Methyl Iodide	4.000	142	45731	20.606	ug/l	99
11) Tert butyl alcohol	4.885	59	14483	104.649	ug/l	99
12) 1,1-Dichloroethene	3.787	96	45173	23.130	ug/l	99
13) Acrolein	3.659	56	18956	91.412	ug/l	100
14) Allyl chloride	4.378	41	67558	22.996	ug/l	98
15) Acrylonitrile	5.061	53	46863	112.454	ug/l	97
16) Acetone	3.879	43	35234	109.206	ug/l	91
17) Carbon Disulfide	4.104	76	138681	22.251	ug/l	100
18) Methyl Acetate	4.391	43	30606	25.324	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	119136	22.977	ug/l	98
20) Methylene Chloride	4.616	84	54795	24.051	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	49059	23.009	ug/l	97
22) Diisopropyl ether	6.018	45	148455	22.896	ug/l	99
23) Vinyl Acetate	5.957	43	403754	108.451	ug/l	99
24) 1,1-Dichloroethane	5.915	63	91642	23.919	ug/l	98
25) 2-Butanone	6.896	43	56982	106.047	ug/l	97
26) 2,2-Dichloropropane	6.878	77	71614	20.643	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	56587	22.925	ug/l	99
28) Bromochloromethane	7.238	49	38419	24.014	ug/l	97
29) Tetrahydrofuran	7.262	42	38811	108.303	ug/l	99
30) Chloroform	7.421	83	90494	23.970	ug/l	99
31) Cyclohexane	7.701	56	83147	22.016	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	78230	22.832	ug/l	98
36) 1,1-Dichloropropene	7.835	75	65246	21.071	ug/l	99
37) Ethyl Acetate	6.982	43	27413	20.831	ug/l	97
38) Carbon Tetrachloride	7.817	117	68592	21.265	ug/l	94
39) Methylcyclohexane	9.109	83	85165	20.691	ug/l	98
40) Benzene	8.079	78	200374	21.748	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	14446m	18.087	ug/l	
42) 1,2-Dichloroethane	8.158	62	53093	21.818	ug/l	98
43) Isopropyl Acetate	8.195	43	59052	20.536	ug/l	99
44) Trichloroethene	8.865	130	47702	20.943	ug/l	97
45) 1,2-Dichloropropane	9.140	63	46602	21.527	ug/l	98
46) Dibromomethane	9.231	93	25945	21.454	ug/l	98
47) Bromodichloromethane	9.420	83	67736	21.782	ug/l	98
48) Methyl methacrylate	9.219	41	27457	20.570	ug/l	99
49) 1,4-Dioxane	9.237	88	5872	439.617	ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	144733	102.010	ug/l	99
52) Toluene	10.170	92	123925	21.534	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	61162	21.115	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	71302	20.949	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	31568	20.647	ug/l	96
56) Ethyl methacrylate	10.438	69	44712	20.378	ug/l	96
57) 1,3-Dichloropropane	10.719	76	57536	21.354	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	106603	97.487	ug/l	99
59) 2-Hexanone	10.761	43	89757	96.532	ug/l	98
60) Dibromochloromethane	10.908	129	40992	20.988	ug/l	97
61) 1,2-Dibromoethane	11.018	107	28558	20.422	ug/l	95
64) Tetrachloroethene	10.646	164	49047	20.485	ug/l	94
65) Chlorobenzene	11.438	112	127560	21.279	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	42628	20.988	ug/l	100
67) Ethyl Benzene	11.517	91	231713	20.817	ug/l	98
68) m/p-Xylenes	11.627	106	174451	41.337	ug/l	99
69) o-Xylene	11.956	106	84037	21.188	ug/l	98
70) Styrene	11.969	104	136057	20.601	ug/l	99
71) Bromoform	12.133	173	21950	20.632	ug/l #	95
73) Isopropylbenzene	12.255	105	212227	21.343	ug/l	100
74) N-amyl acetate	12.072	43	49092	20.176	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33341	21.281	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	25071m	19.810	ug/l	
77) Bromobenzene	12.529	156	46149	21.566	ug/l	99
78) n-propylbenzene	12.597	91	260496	21.829	ug/l	99
79) 2-Chlorotoluene	12.676	91	140011	21.674	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	166861	21.476	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	11249	20.101	ug/l	96
82) 4-Chlorotoluene	12.779	91	140053	21.051	ug/l	100
83) tert-Butylbenzene	12.999	119	150085	21.381	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	165819	21.208	ug/l	99
85) sec-Butylbenzene	13.176	105	223069	21.428	ug/l	99
86) p-Isopropyltoluene	13.292	119	181615	20.892	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	90362	20.987	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	87543	21.264	ug/l	98
89) n-Butylbenzene	13.615	91	174096	21.359	ug/l	99
90) Hexachloroethane	13.883	117	37738	21.814	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	77337	21.505	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4842	20.001	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	40233	20.180	ug/l	99
94) Hexachlorobutadiene	15.023	225	22027	21.052	ug/l	97
95) Naphthalene	15.145	128	72122	19.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	34078	20.842	ug/l	97

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ClientSampleId :
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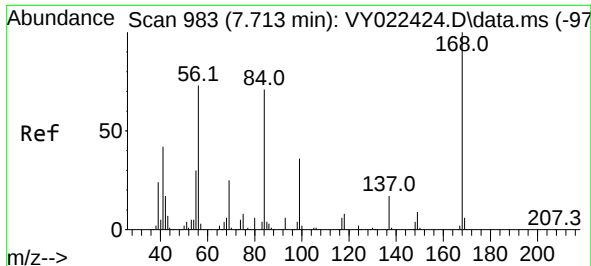
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/02/2025

Quant Time: May 31 02:25:25 2025
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Quant Title : SW846 8260
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Response via : Initial Calibration

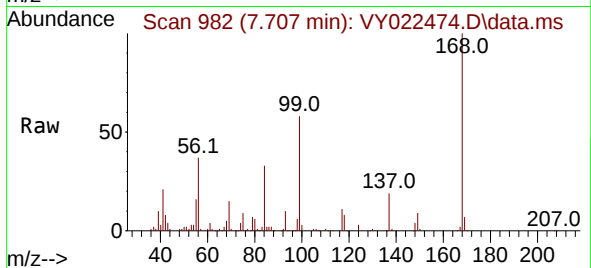
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 983
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

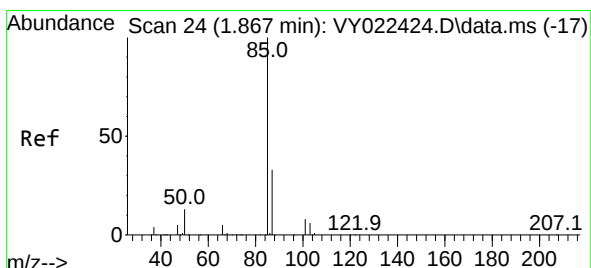
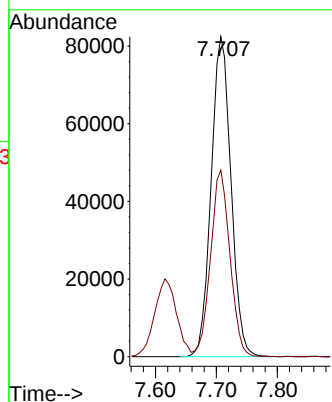
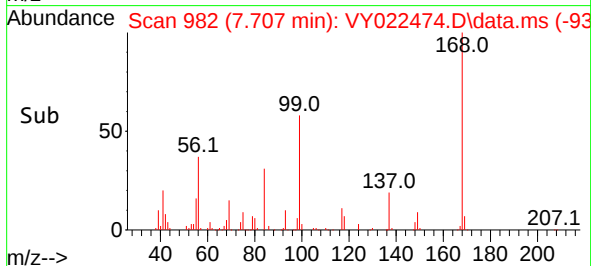
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion:168 Resp: 186400
Ion Ratio Lower Upper
168 100
99 58.3 44.7 67.1

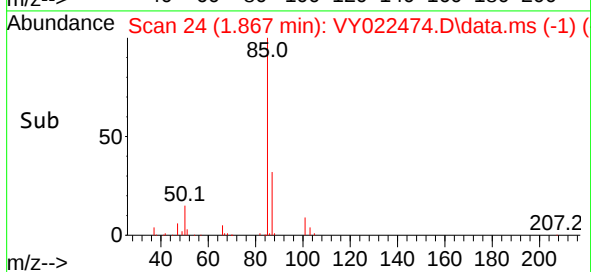
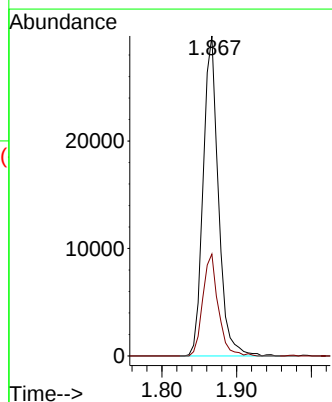
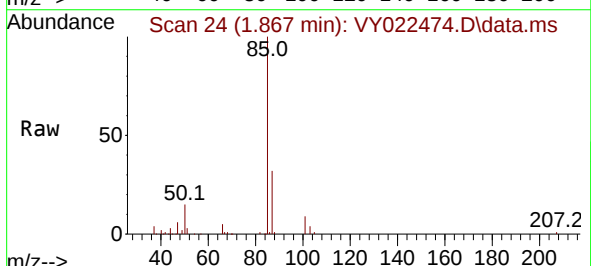
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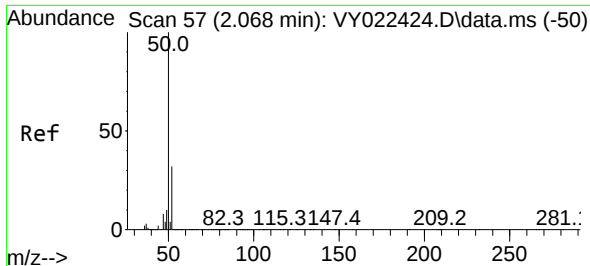
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#2
Dichlorodifluoromethane
Concen: 23.726 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

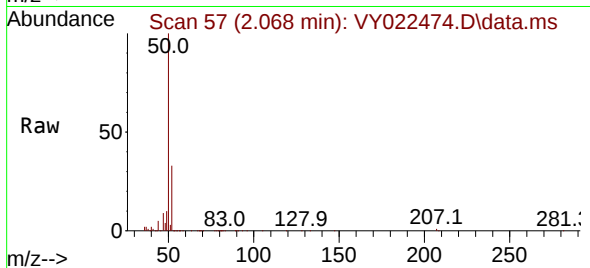
Tgt Ion: 85 Resp: 42196
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.2





#3
Chloromethane
Concen: 29.415 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

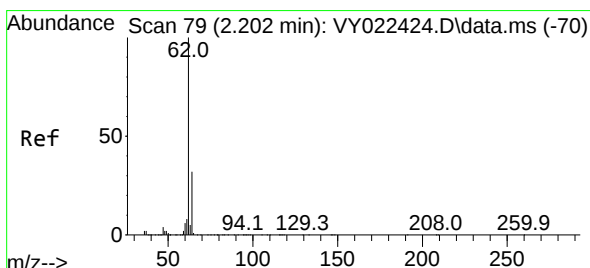
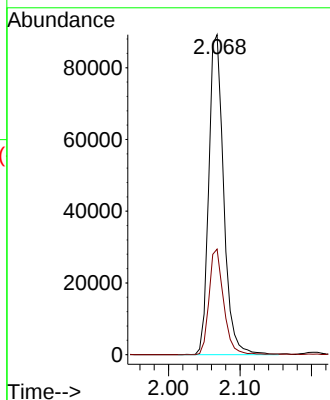
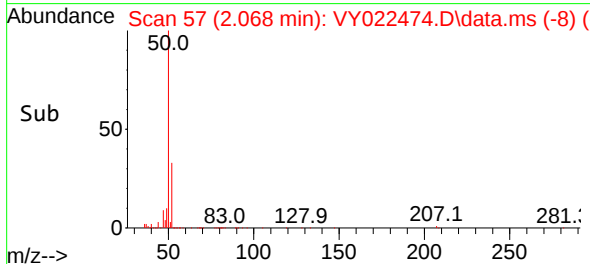
Instrument :
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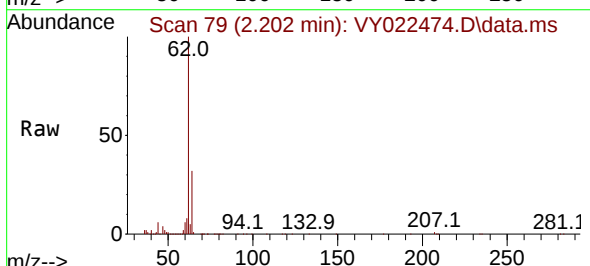
Tgt Ion: 50 Resp: 12867
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

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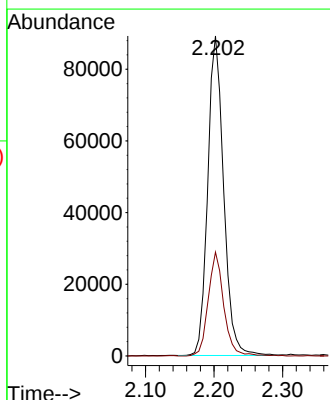
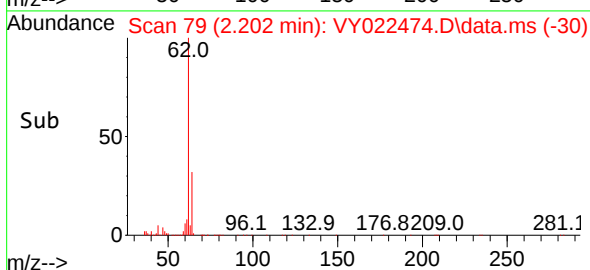
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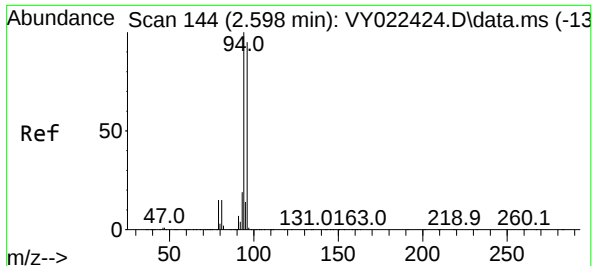


#4
Vinyl Chloride
Concen: 27.183 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14



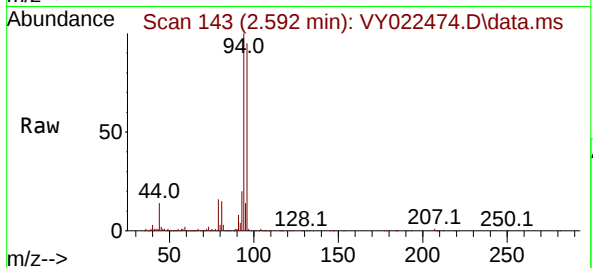
Tgt Ion: 62 Resp: 144461
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





#5
Bromomethane
Concen: 28.671 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

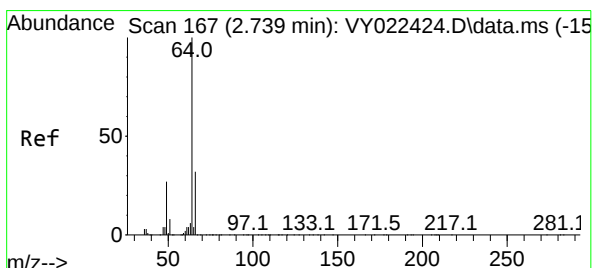
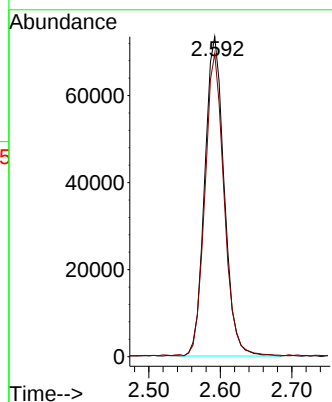
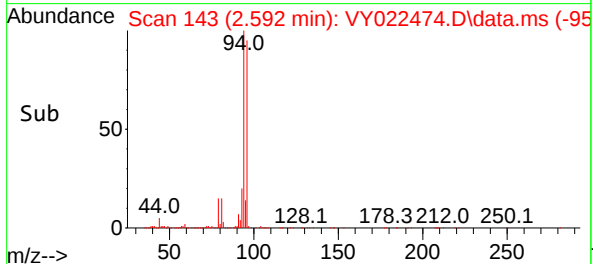
Instrument :
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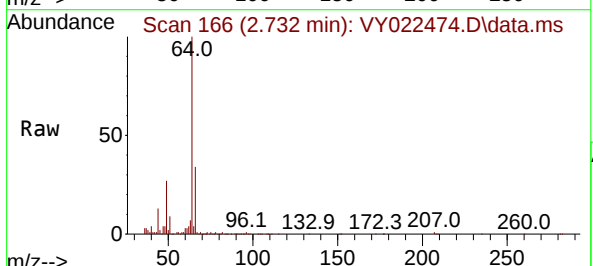
Tgt Ion: 94 Resp: 138463
Ion Ratio Lower Upper
94 100
96 94.4 76.0 114.0

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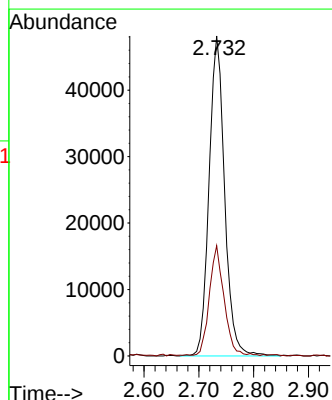
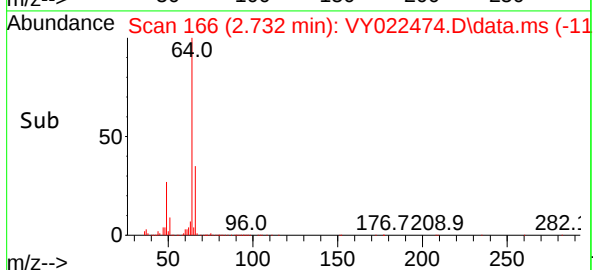
Reviewed By :John Carlone 06/02/2025
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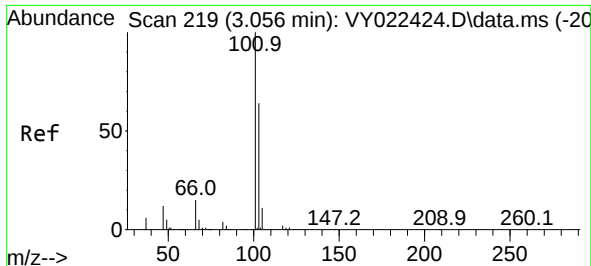


#6
Chloroethane
Concen: 27.221 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14



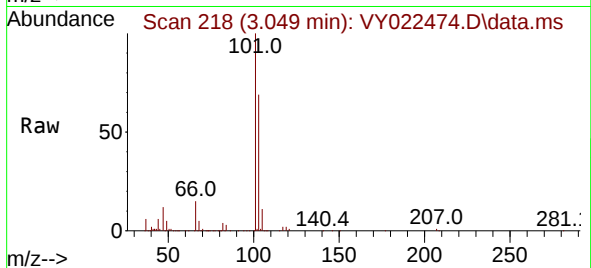
Tgt Ion: 64 Resp: 94531
Ion Ratio Lower Upper
64 100
66 34.3 25.9 38.9





#7
Trichlorofluoromethane
Concen: 26.072 ug/l
RT: 3.049 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

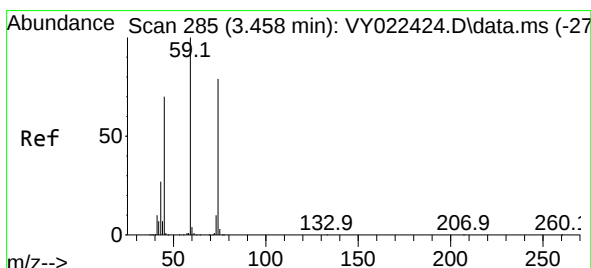
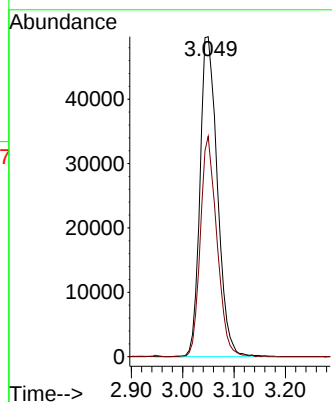
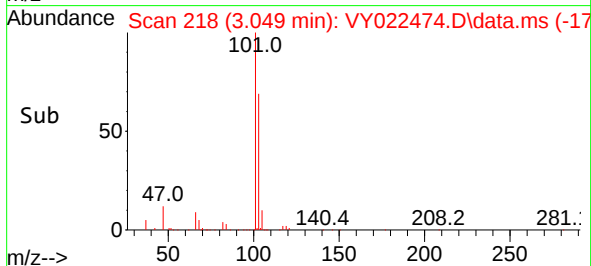
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion:101 Resp: 11690
Ion Ratio Lower Upper
101 100
103 68.9 50.9 76.3

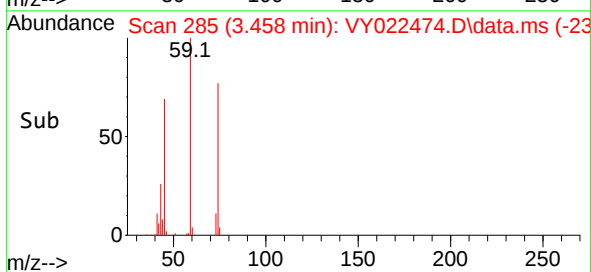
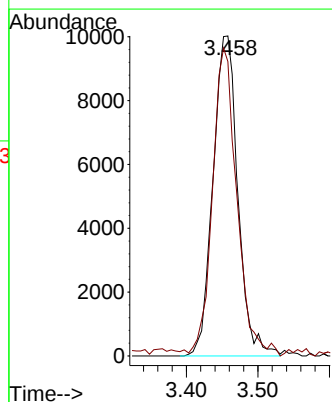
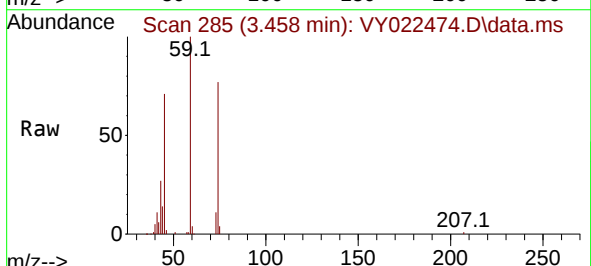
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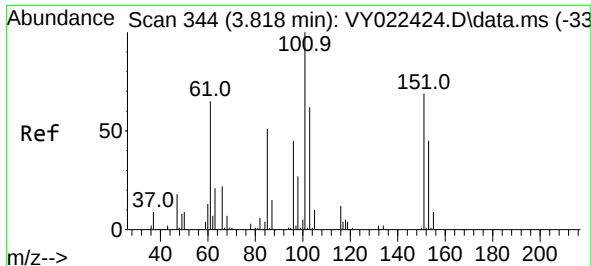
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#8
Diethyl Ether
Concen: 23.447 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Tgt Ion: 74 Resp: 24241
Ion Ratio Lower Upper
74 100
45 94.6 44.9 134.5





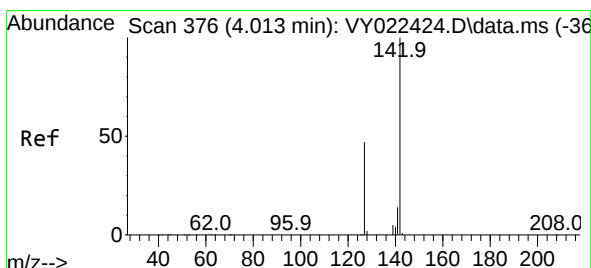
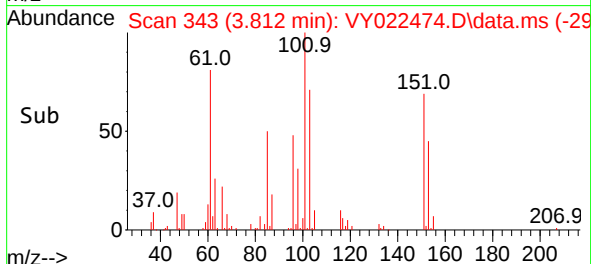
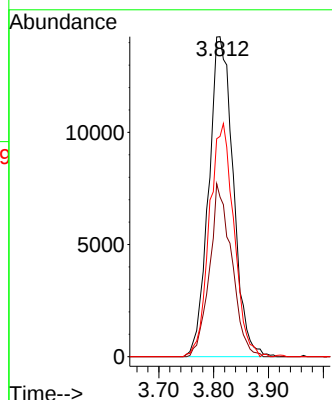
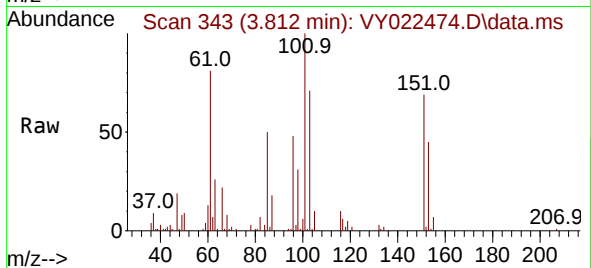
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.553 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01

Tgt Ion:101 Resp: 44364
Ion Ratio Lower Upper
101 100
85 48.6 39.2 58.8
151 72.7 58.8 88.2

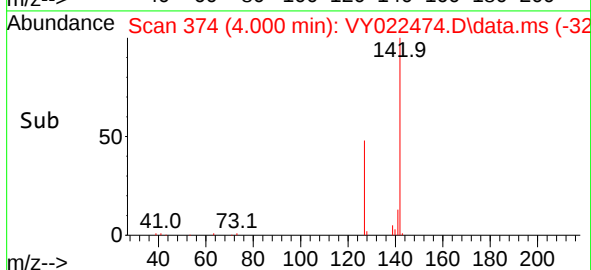
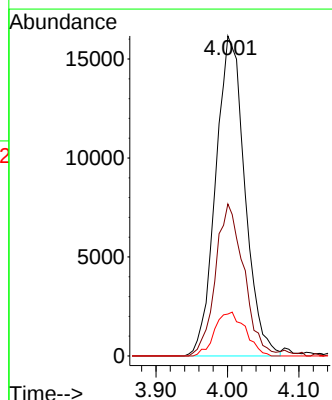
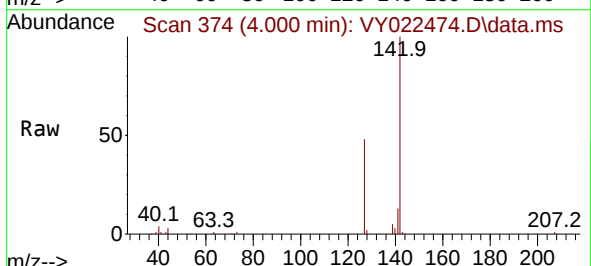
Manual Integrations
APPROVED

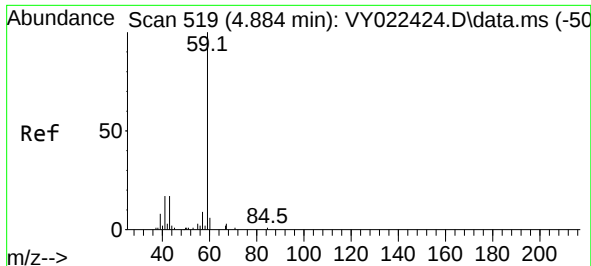
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#10
Methyl Iodide
Concen: 20.606 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

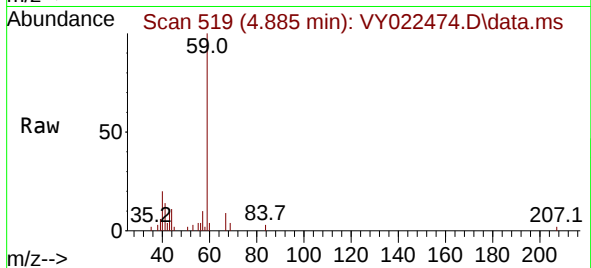
Tgt Ion:142 Resp: 45731
Ion Ratio Lower Upper
142 100
127 46.2 36.2 54.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 104.649 ug/l
RT: 4.885 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

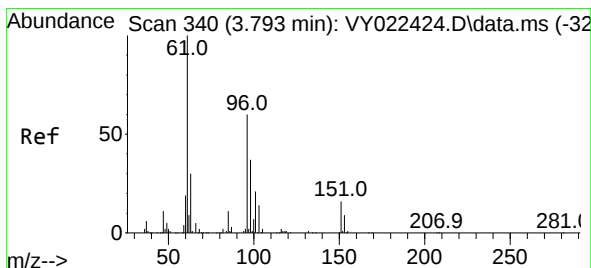
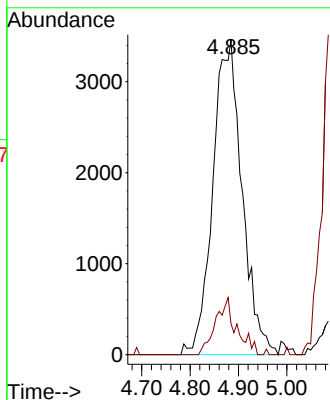
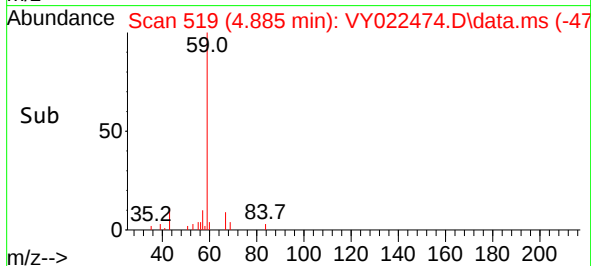
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



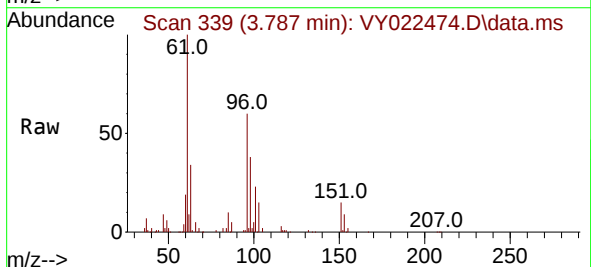
Tgt Ion: 59 Resp: 1448
Ion Ratio Lower Upper
59 100
57 11.8 9.1 13.7

Manual Integrations
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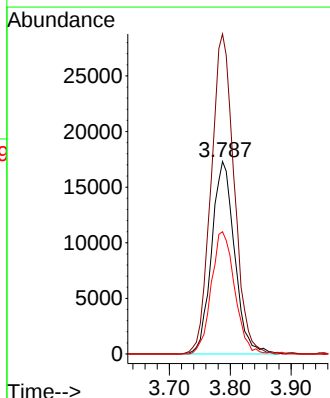
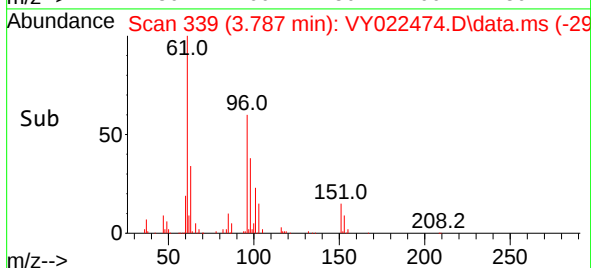
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

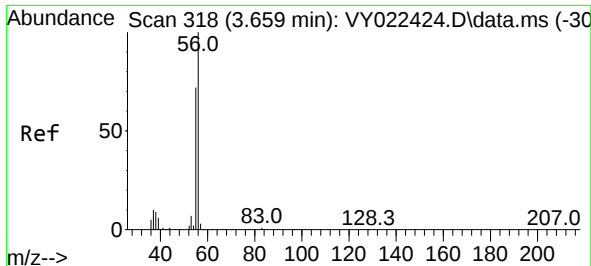


#12
1,1-Dichloroethene
Concen: 23.130 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14



Tgt Ion: 96 Resp: 45173
Ion Ratio Lower Upper
96 100
61 166.3 134.1 201.1
98 63.5 50.2 75.2





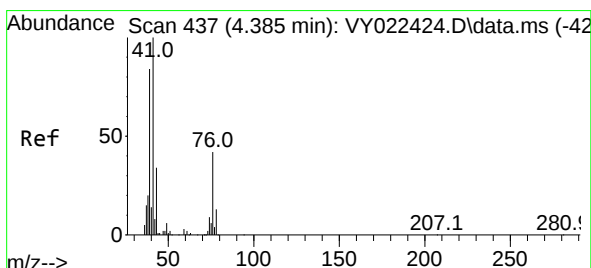
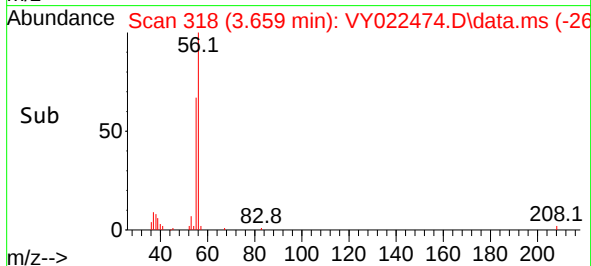
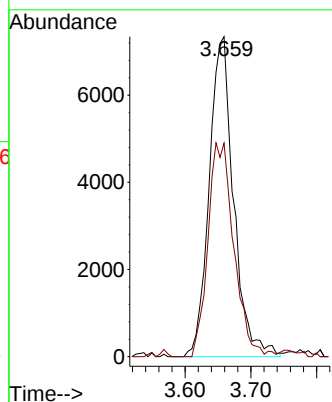
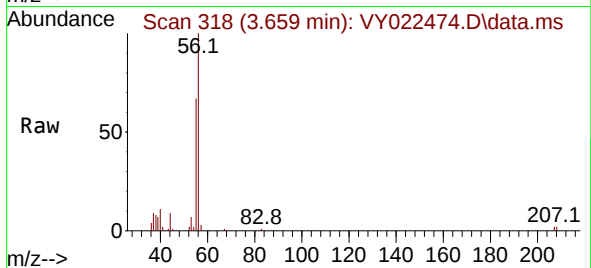
#13
Acrolein
Concen: 91.412 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01

Tgt Ion: 56 Resp: 18950
Ion Ratio Lower Upper
56 100
55 71.0 56.5 84.7

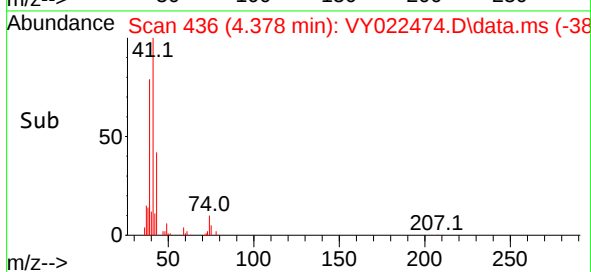
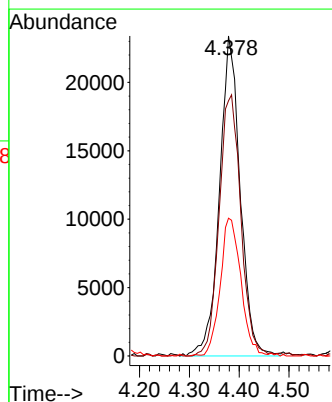
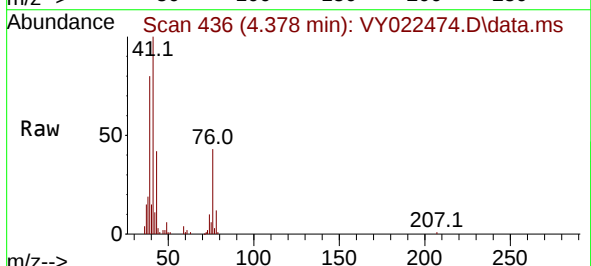
Manual Integrations
APPROVED

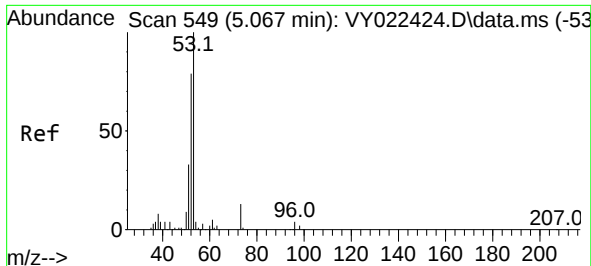
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#14
Allyl chloride
Concen: 22.996 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

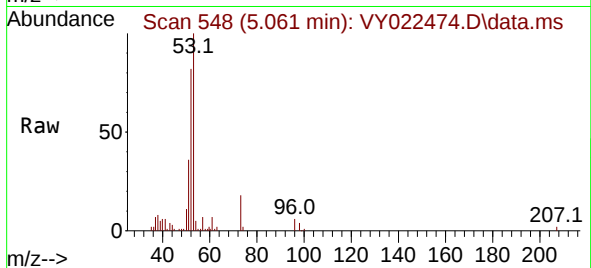
Tgt Ion: 41 Resp: 67558
Ion Ratio Lower Upper
41 100
39 85.6 66.6 100.0
76 42.2 33.7 50.5





#15
Acrylonitrile
Concen: 112.454 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

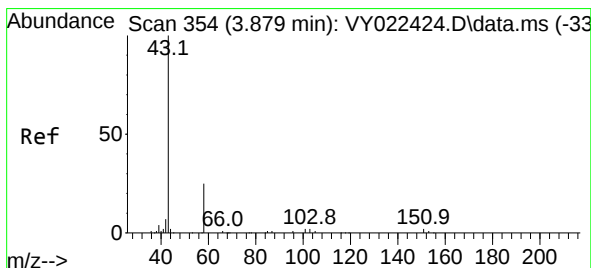
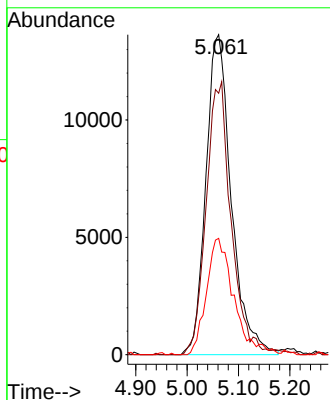
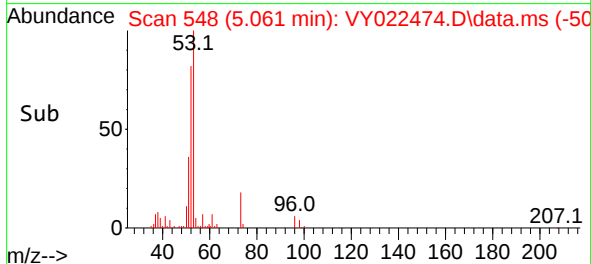
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 53 Resp: 4686
Ion Ratio Lower Upper
53 100
52 83.6 65.1 97.7
51 39.1 30.0 45.0

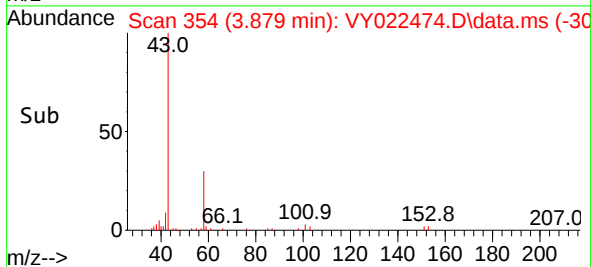
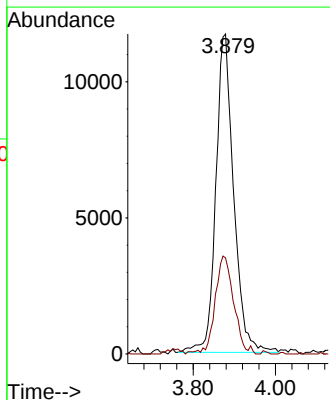
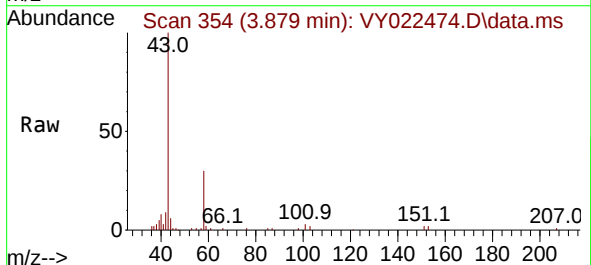
Manual Integrations
APPROVED

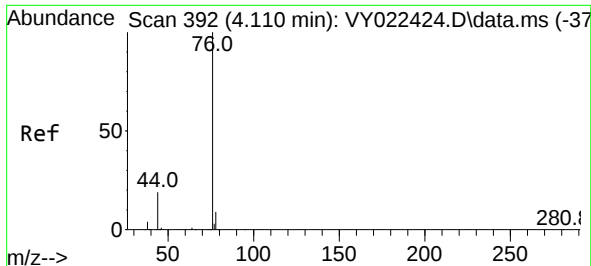
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#16
Acetone
Concen: 109.206 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

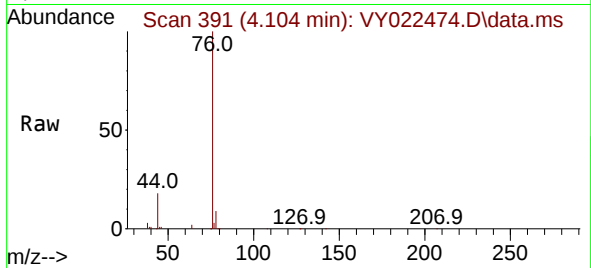
Tgt Ion: 43 Resp: 35234
Ion Ratio Lower Upper
43 100
58 30.2 20.6 30.8





#17
Carbon Disulfide
Concen: 22.251 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

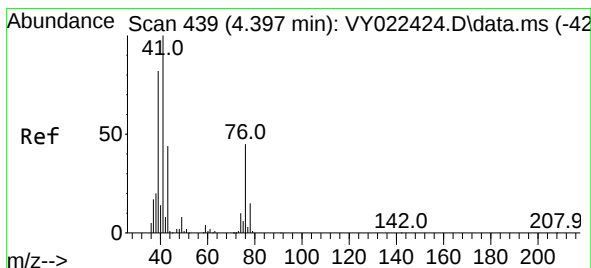
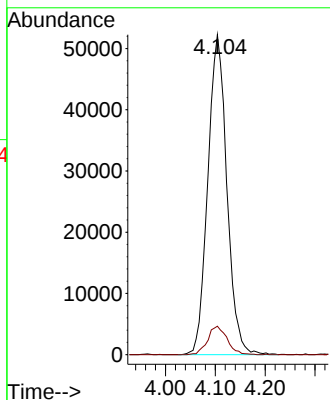
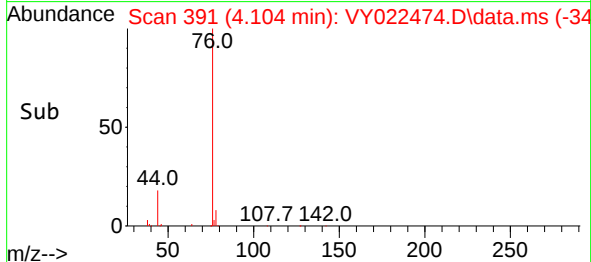
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



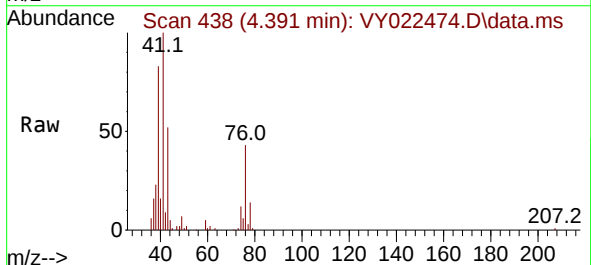
Tgt Ion: 76 Resp: 13868
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

Manual Integrations
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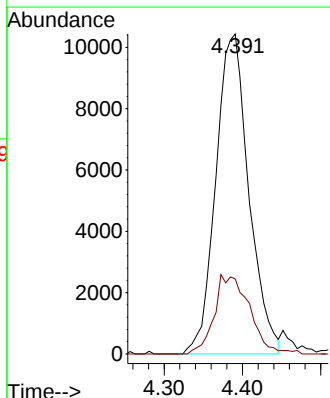
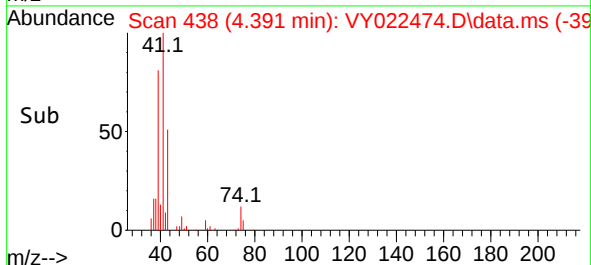
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

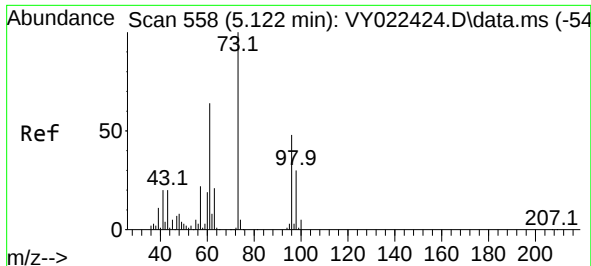


#18
Methyl Acetate
Concen: 25.324 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14



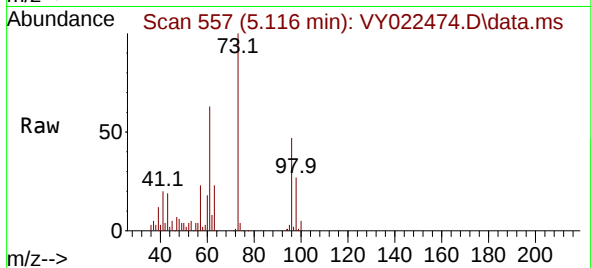
Tgt Ion: 43 Resp: 30606
Ion Ratio Lower Upper
43 100
74 26.4 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 22.977 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

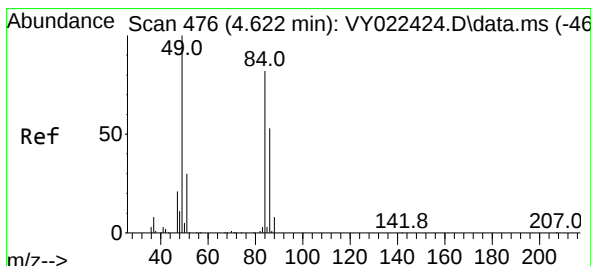
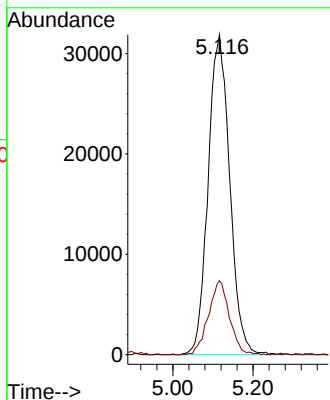
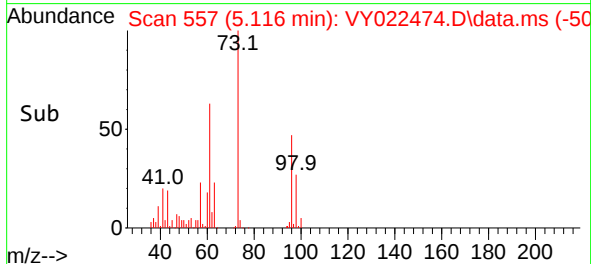
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 73 Resp: 119136
Ion Ratio Lower Upper
73 100
57 23.1 17.7 26.5

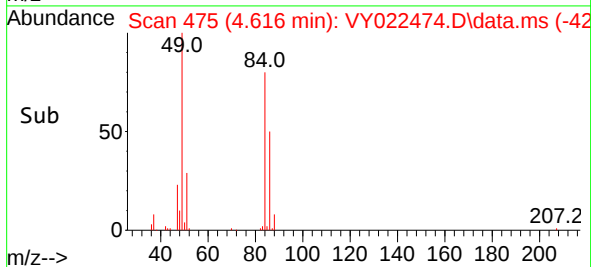
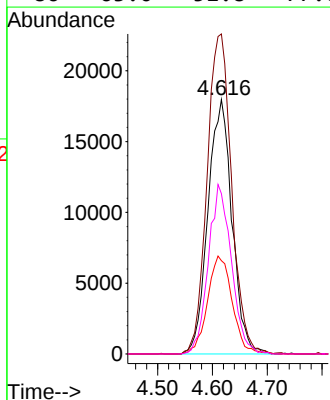
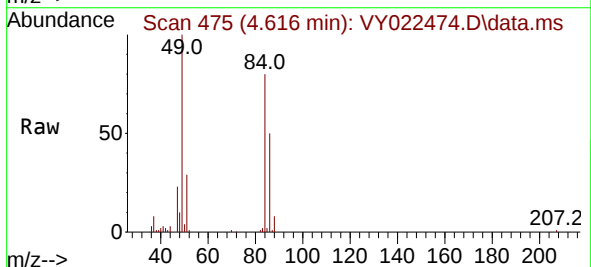
Manual Integrations
APPROVED

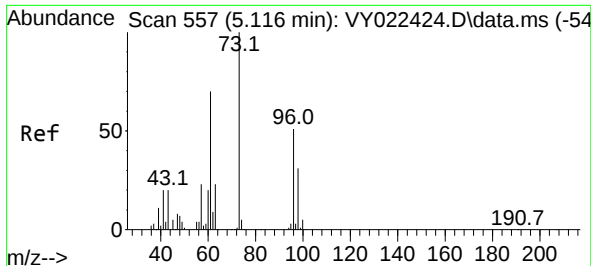
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#20
Methylene Chloride
Concen: 24.051 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

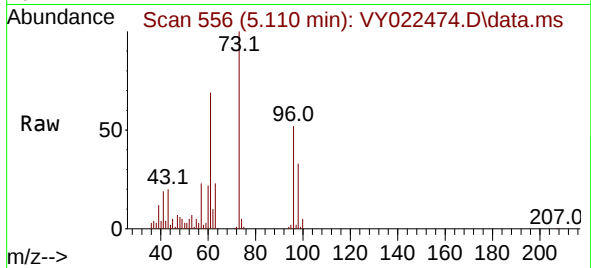
Tgt Ion: 84 Resp: 54795
Ion Ratio Lower Upper
84 100
49 125.8 97.8 146.8
51 36.7 29.5 44.3
86 63.0 51.8 77.6





#21
trans-1,2-Dichloroethene
Concen: 23.009 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

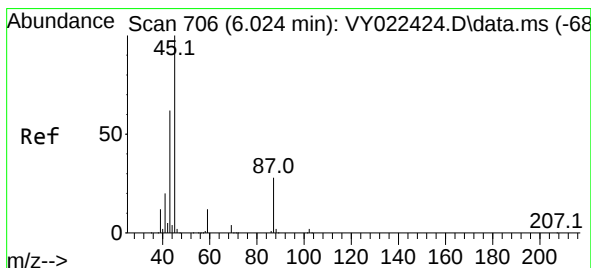
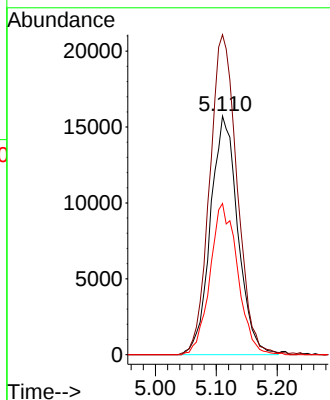
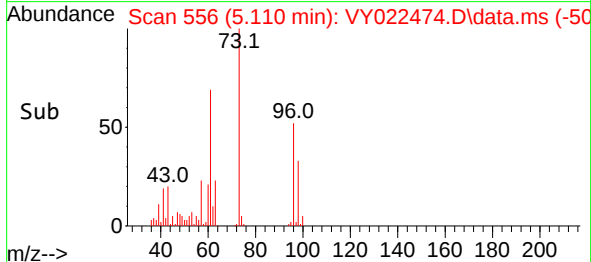
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 96 Resp: 4905
Ion Ratio Lower Upper
96 100
61 134.1 110.4 165.6
98 63.4 48.6 73.0

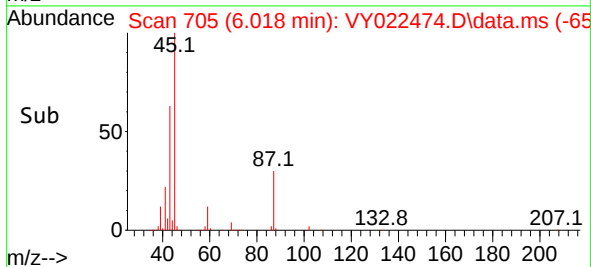
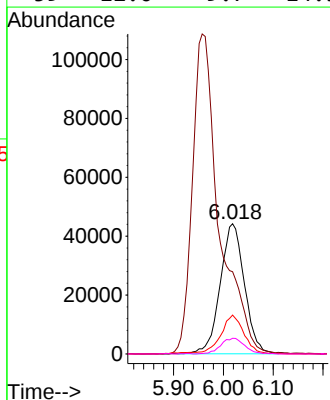
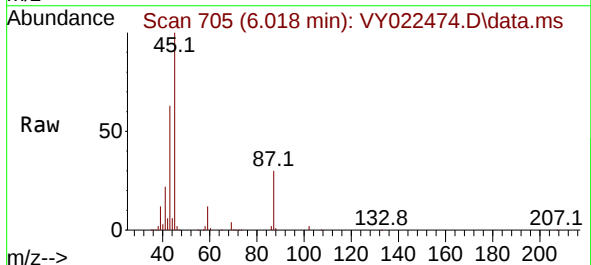
Manual Integrations
APPROVED

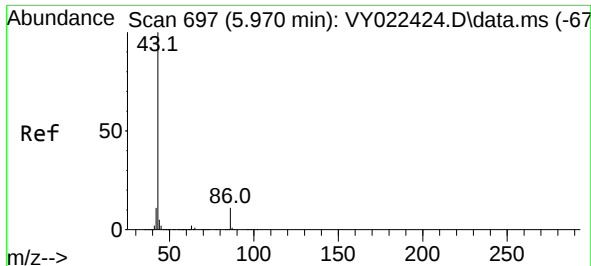
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#22
Diisopropyl ether
Concen: 22.896 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Tgt Ion: 45 Resp: 148455
Ion Ratio Lower Upper
45 100
43 62.0 49.8 74.8
87 29.6 23.0 34.6
59 12.0 9.7 14.5





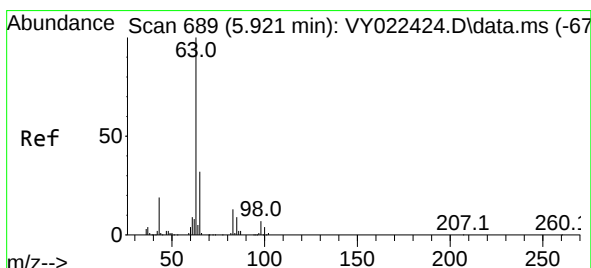
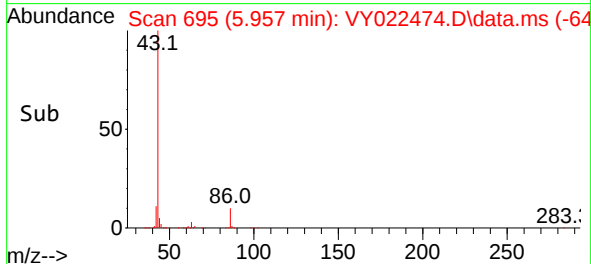
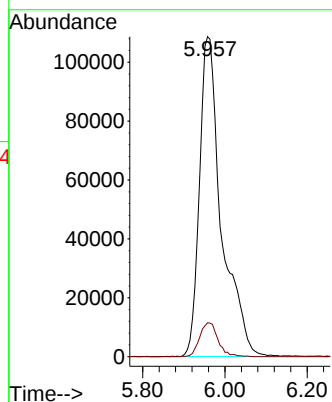
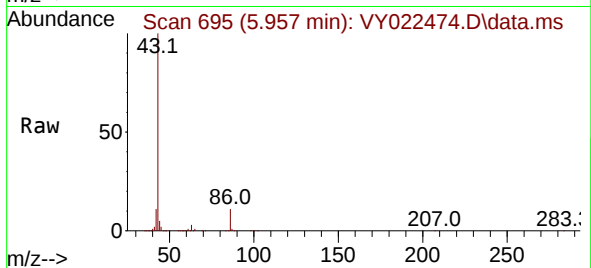
#23
 Vinyl Acetate
 Concen: 108.451 ug/l
 RT: 5.957 min Scan# 697
 Delta R.T. -0.012 min
 Lab File: VY022474.D
 Acq: 30 May 2025 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBS01

Tgt Ion: 43 Resp: 403754
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2

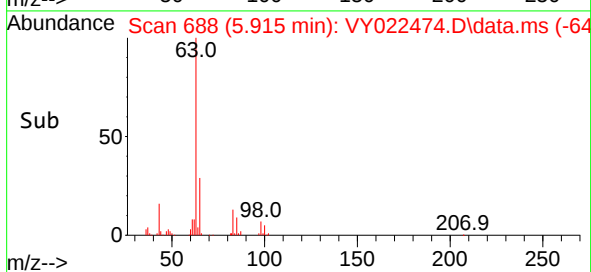
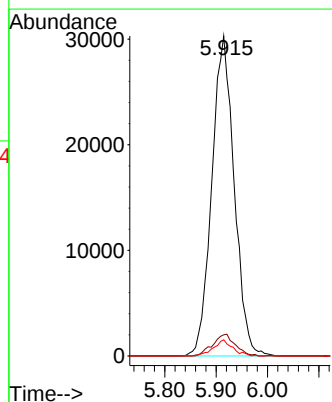
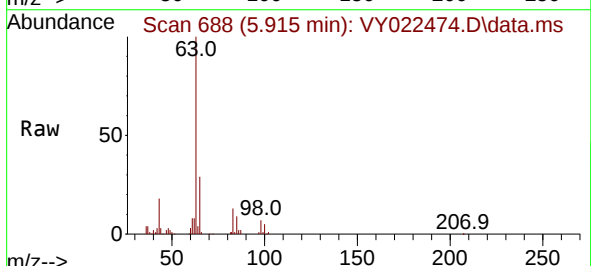
Manual Integrations
 APPROVED

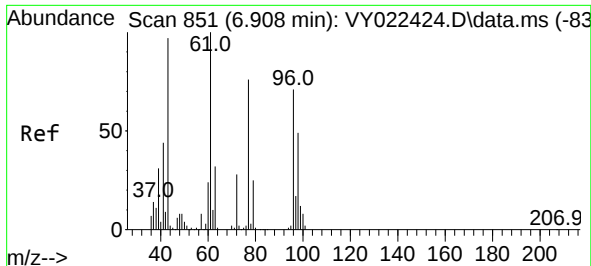
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025



#24
 1,1-Dichloroethane
 Concen: 23.919 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022474.D
 Acq: 30 May 2025 13:14

Tgt Ion: 63 Resp: 91642
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 5.0 2.1 6.5





#25

2-Butanone

Concen: 106.047 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.012 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

Tgt Ion: 43 Resp: 5698

Ion Ratio Lower Upper

43 100

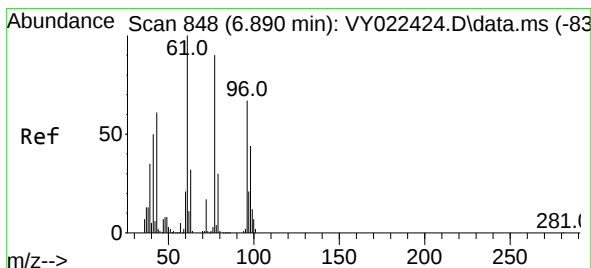
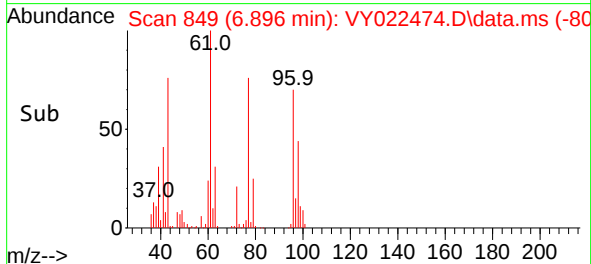
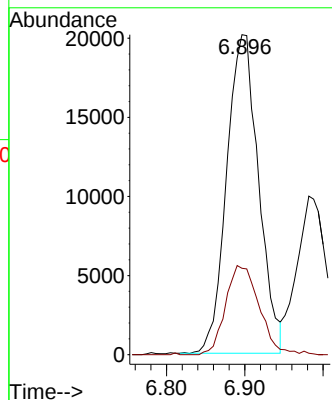
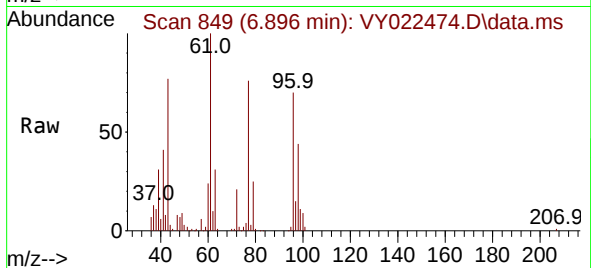
72 27.1 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#26

2,2-Dichloropropane

Concen: 20.643 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY022474.D

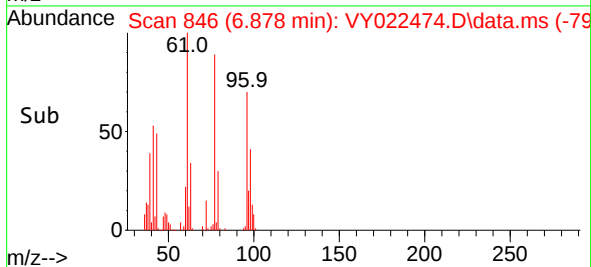
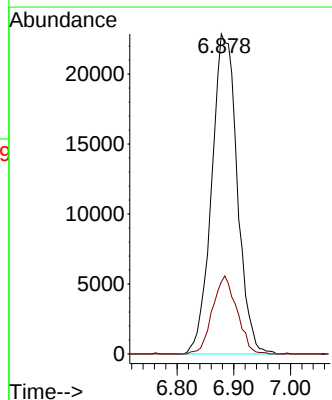
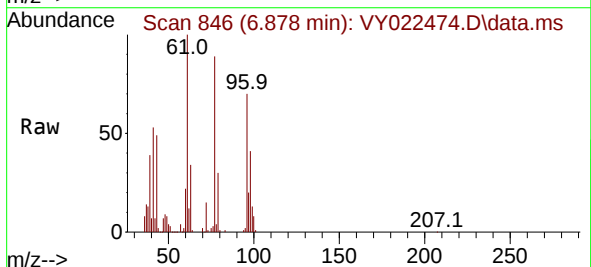
Acq: 30 May 2025 13:14

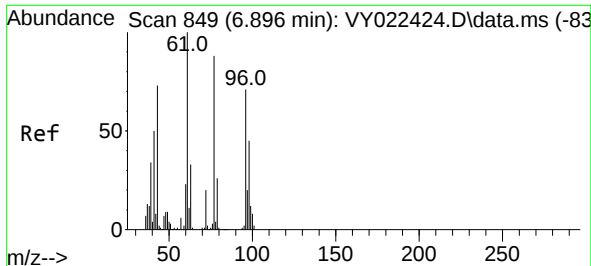
Tgt Ion: 77 Resp: 71614

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 22.925 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

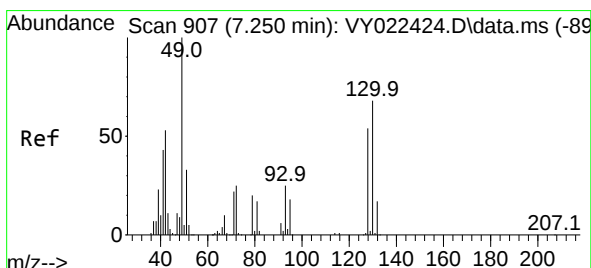
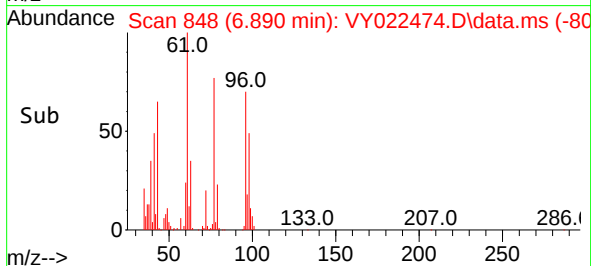
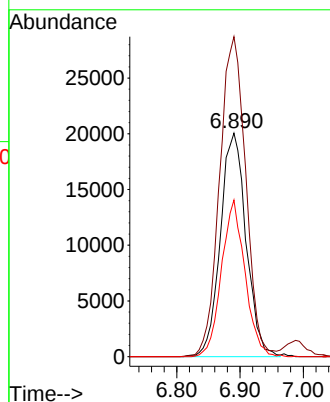
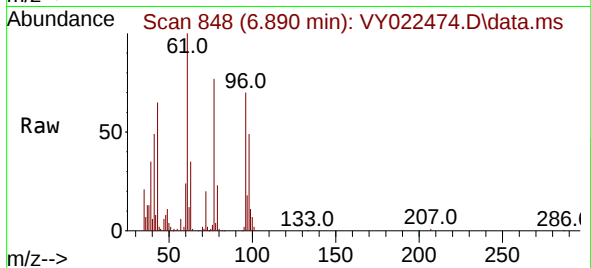
Tgt Ion:	96	Resp:	5658
Ion Ratio	Lower	Upper	
96	100		
61	145.7	0.0	292.0
98	64.1	0.0	131.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#28

Bromochloromethane

Concen: 24.014 ug/l

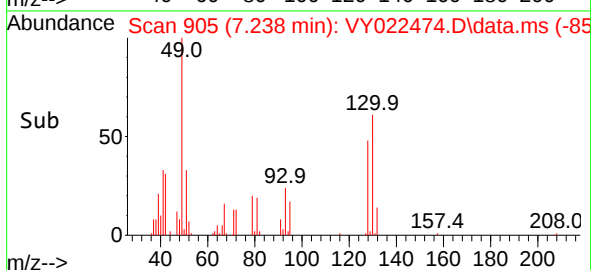
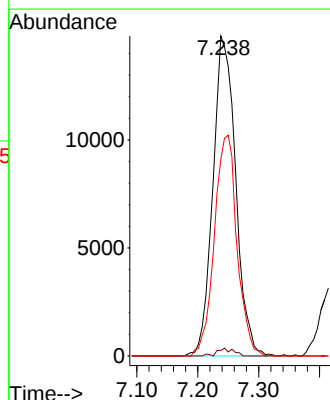
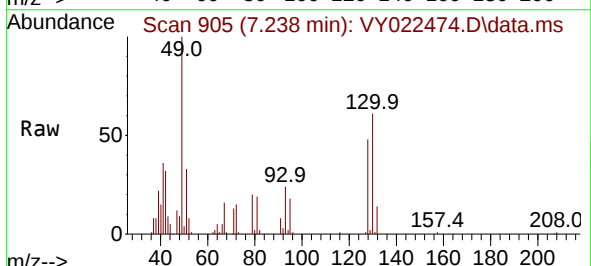
RT: 7.238 min Scan# 905

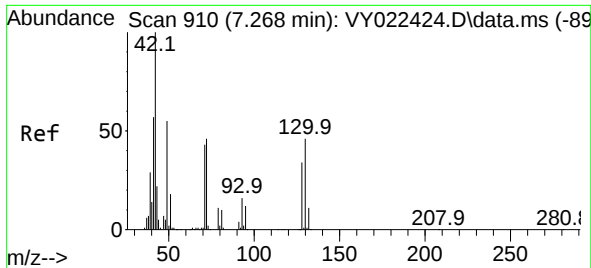
Delta R.T. -0.012 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Tgt Ion:	49	Resp:	38419
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	4.0
130	68.8	56.9	85.3





#29

Tetrahydrofuran

Concen: 108.303 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

Tgt Ion: 42 Resp: 3881

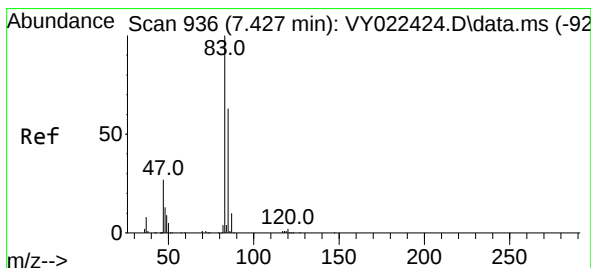
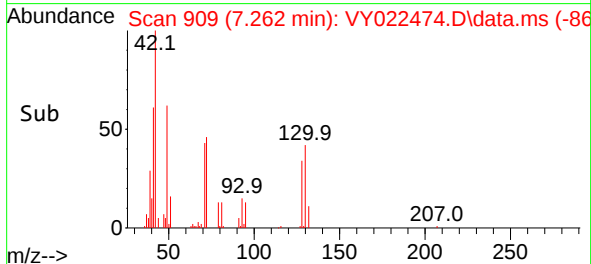
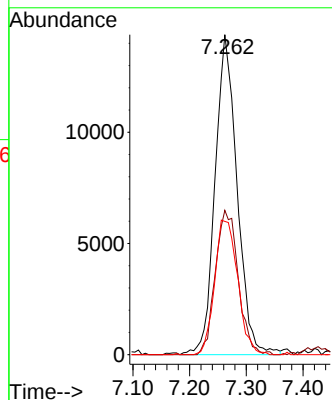
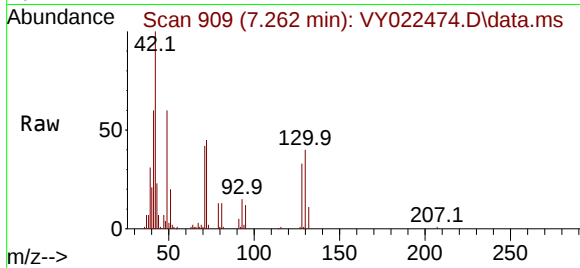
Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.7	56.5
71	44.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#30

Chloroform

Concen: 23.970 ug/l

RT: 7.421 min Scan# 935

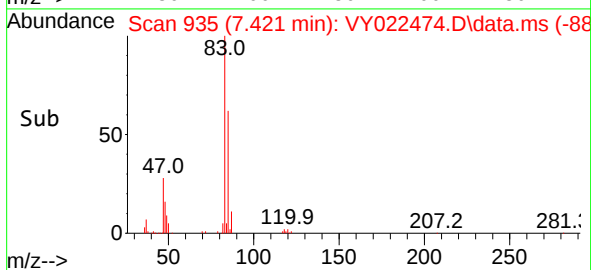
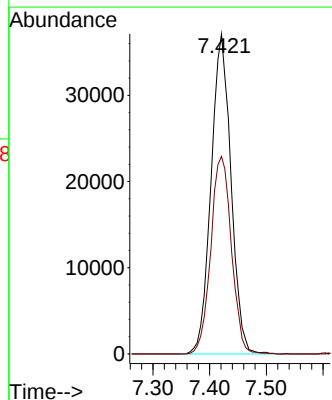
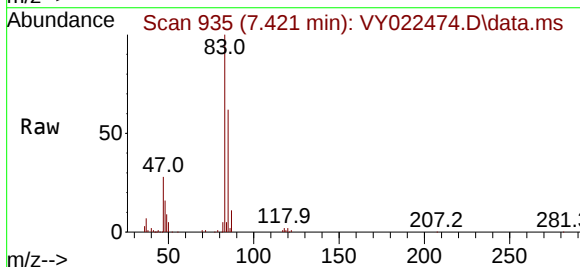
Delta R.T. -0.006 min

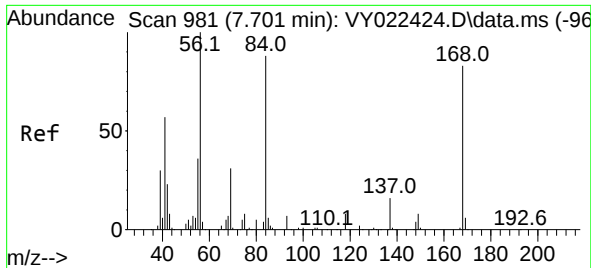
Lab File: VY022474.D

Acq: 30 May 2025 13:14

Tgt Ion: 83 Resp: 90494

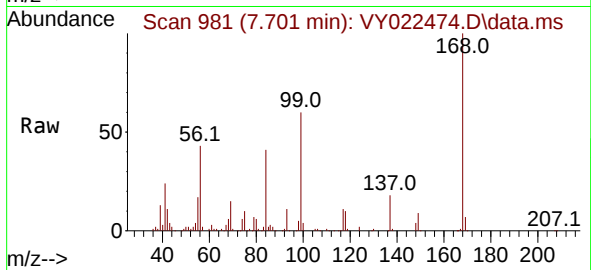
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.1	75.1





#31
Cyclohexane
Concen: 22.016 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

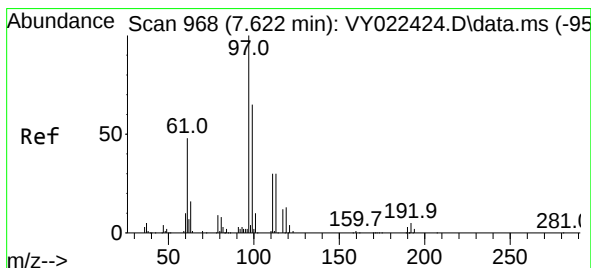
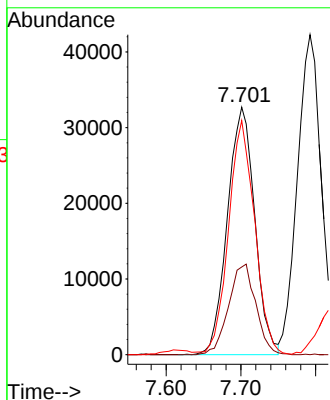
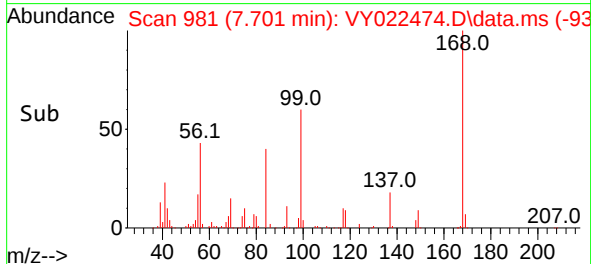
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



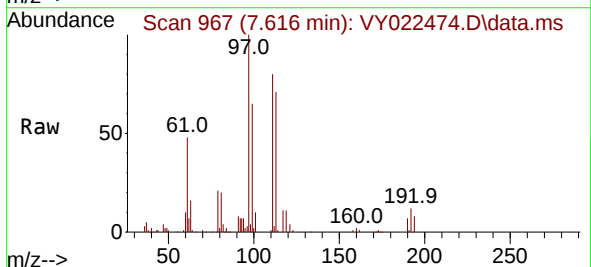
Tgt Ion: 56 Resp: 8314
Ion Ratio Lower Upper
56 100
69 35.4 24.6 36.8
84 92.8 70.4 105.6

Manual Integrations
APPROVED

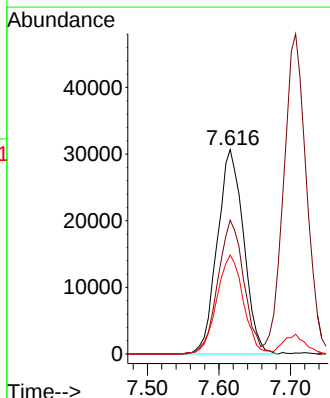
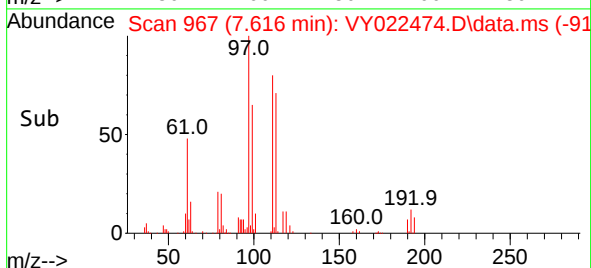
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

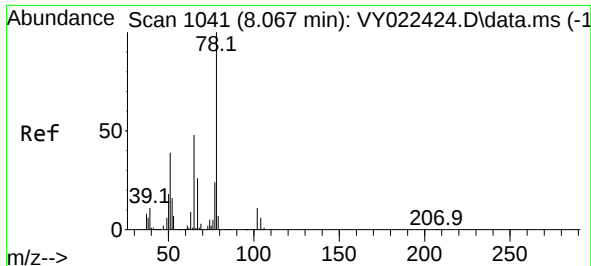


#32
1,1,1-Trichloroethane
Concen: 22.832 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14



Tgt Ion: 97 Resp: 78230
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 49.0 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 57.405 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

Tgt Ion: 65 Resp: 112710

Ion Ratio Lower Upper

65 100

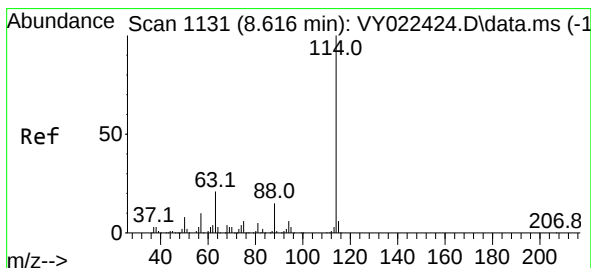
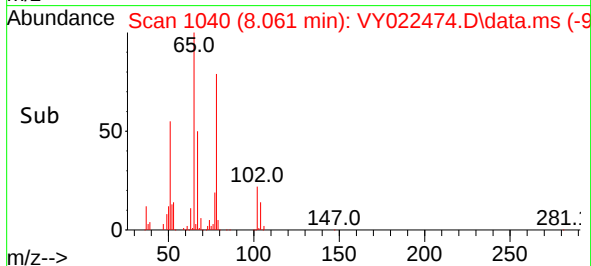
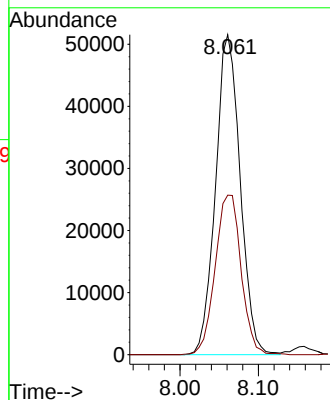
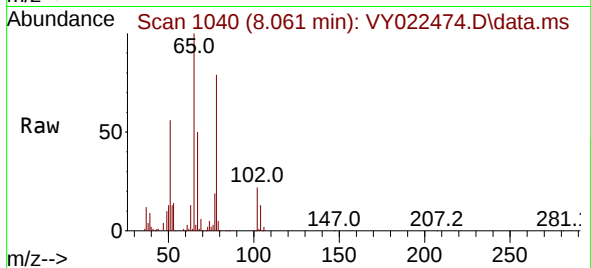
67 52.5 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

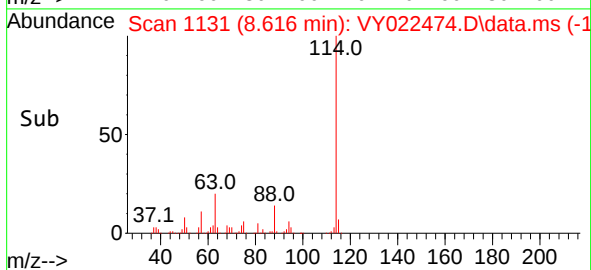
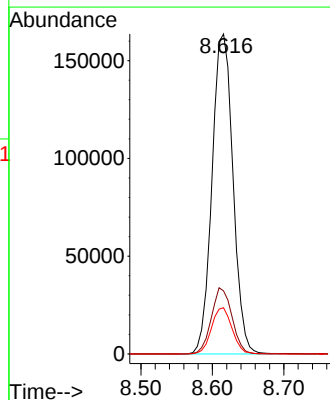
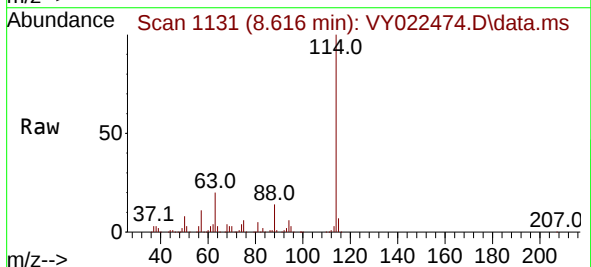
Tgt Ion:114 Resp: 333200

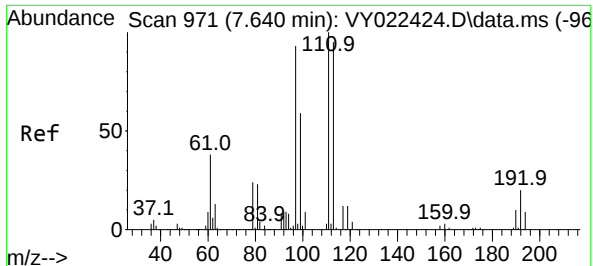
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 14.4 0.0 29.4





#35

Dibromofluoromethane

Concen: 52.018 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

Tgt Ion:113 Resp: 101504

Ion Ratio Lower Upper

113 100

111 105.6 82.4 123.6

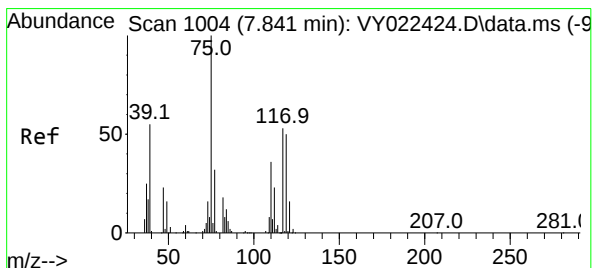
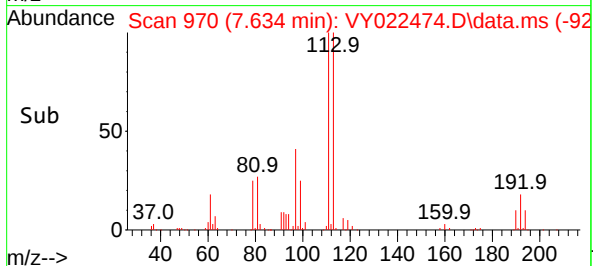
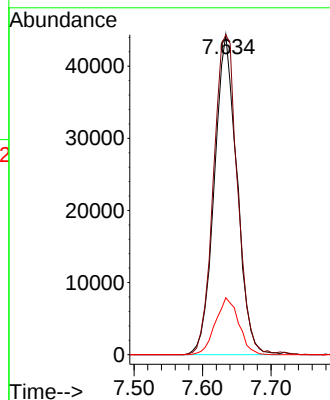
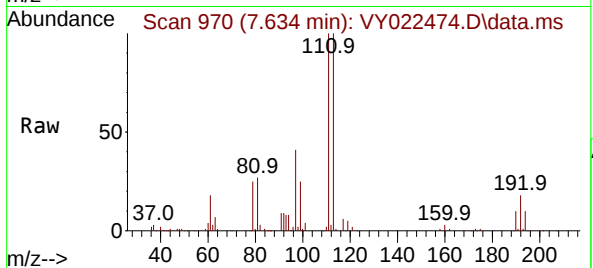
192 18.4 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#36

1,1-Dichloropropene

Concen: 21.071 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

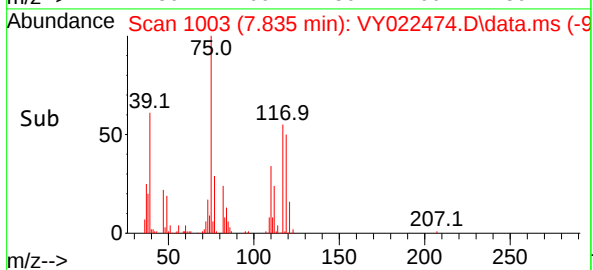
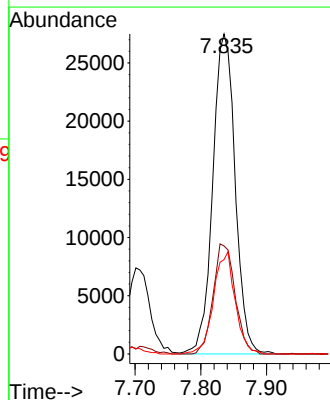
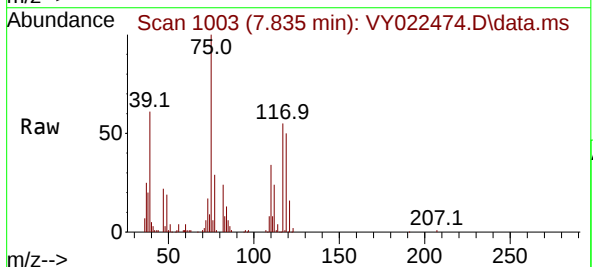
Tgt Ion: 75 Resp: 65246

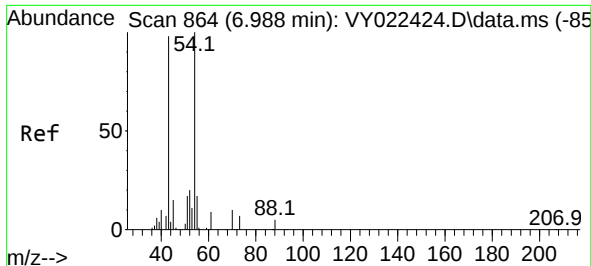
Ion Ratio Lower Upper

75 100

110 33.6 17.1 51.2

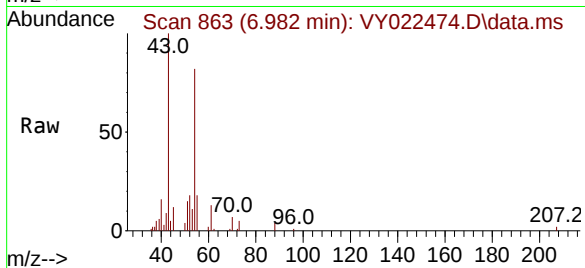
77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 20.831 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

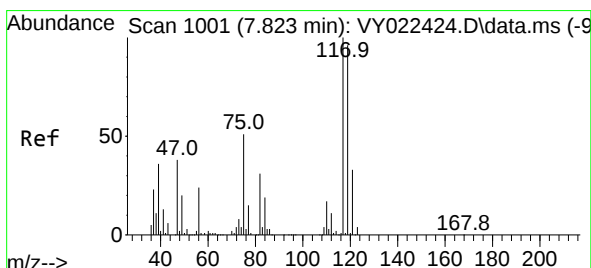
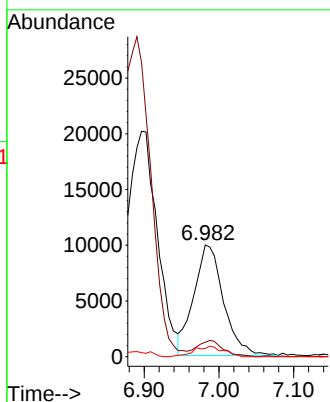
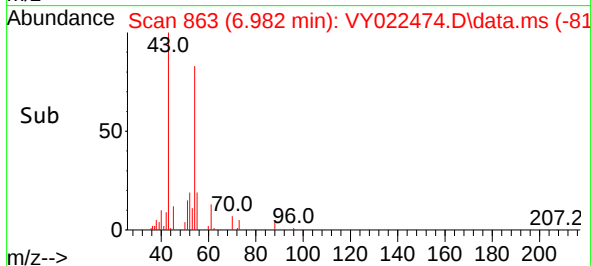
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 43 Resp: 2741
Ion Ratio Lower Upper
43 100
61 12.8 11.7 17.5
70 9.2 7.8 11.6

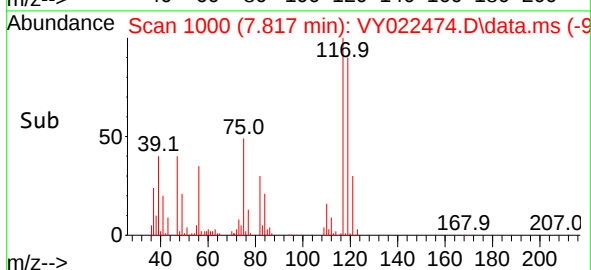
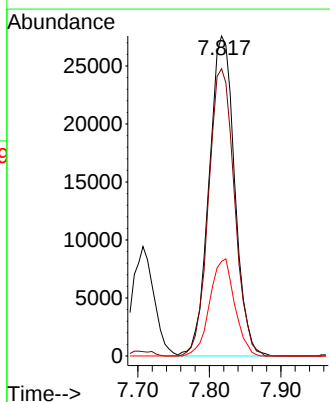
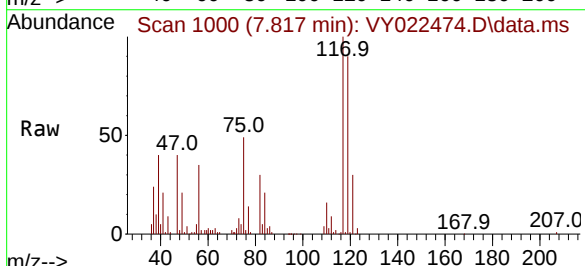
Manual Integrations
APPROVED

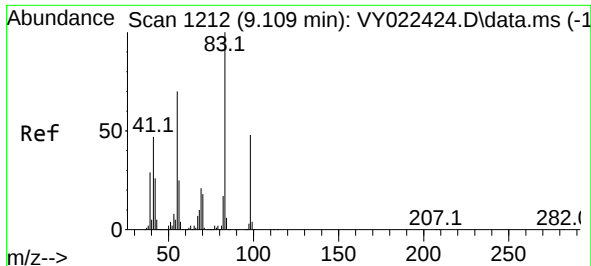
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#38
Carbon Tetrachloride
Concen: 21.265 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Tgt Ion:117 Resp: 68592
Ion Ratio Lower Upper
117 100
119 89.7 76.3 114.5
121 29.6 26.1 39.1





#39

Methylcyclohexane

Concen: 20.691 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

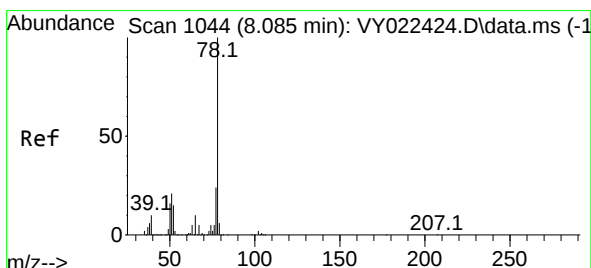
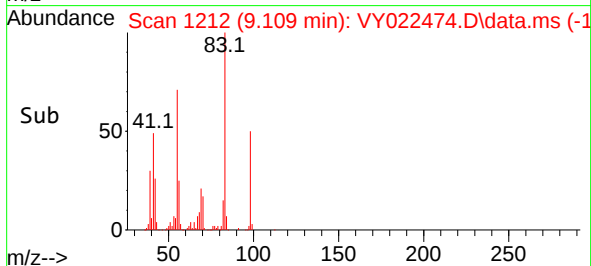
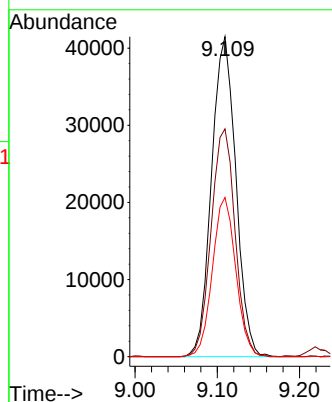
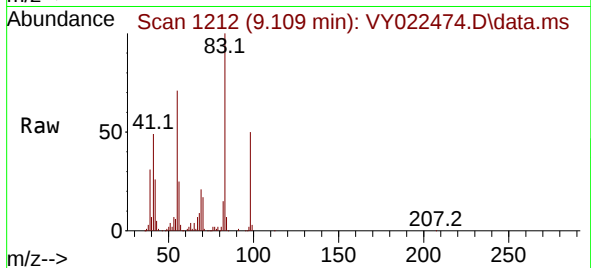
Tgt Ion: 83	Resp: 8516
Ion Ratio	Lower Upper
83 100	
55 71.2	56.2 84.2
98 49.7	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#40

Benzene

Concen: 21.748 ug/l

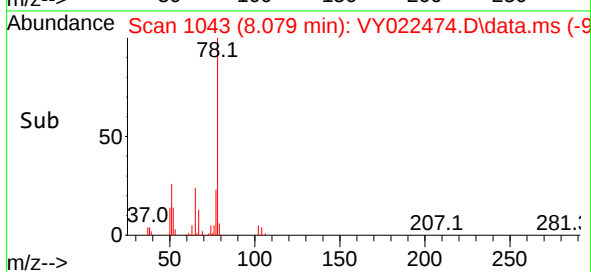
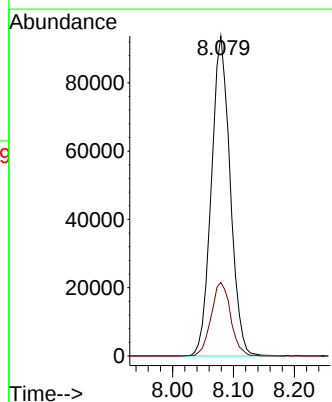
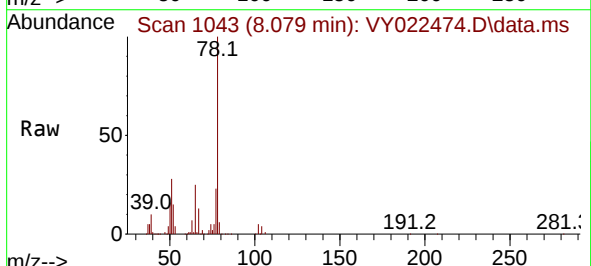
RT: 8.079 min Scan# 1043

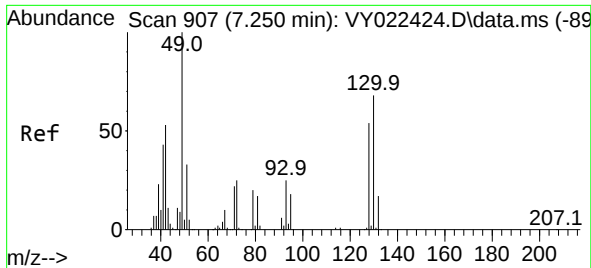
Delta R.T. -0.006 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

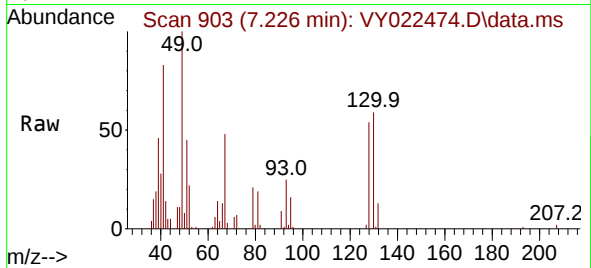
Tgt Ion: 78	Resp: 200374
Ion Ratio	Lower Upper
78 100	
77 23.0	19.4 29.2





#41
Methacrylonitrile
Concen: 18.087 ug/l m
RT: 7.226 min Scan# 907
Delta R.T. -0.024 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

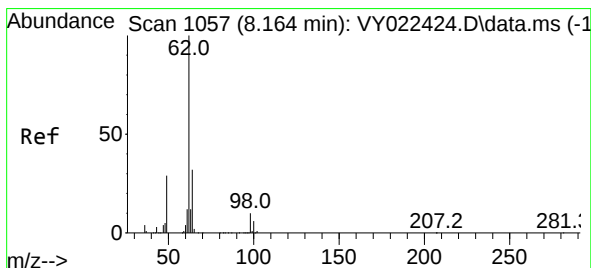
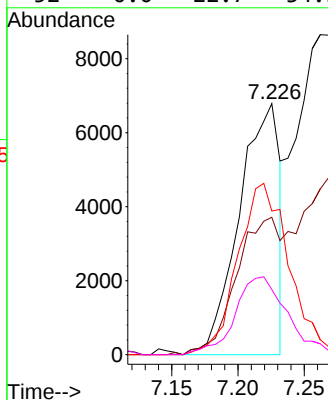
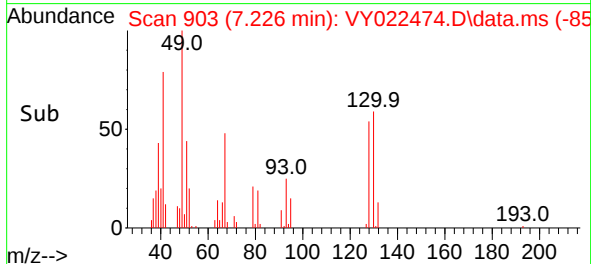
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 41 Resp: 14440
Ion Ratio Lower Upper
41 100
39 76.8 40.4 60.6
67 0.0 53.0 79.4
52 0.0 22.7 34.1

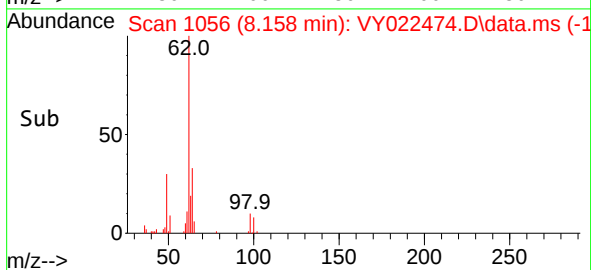
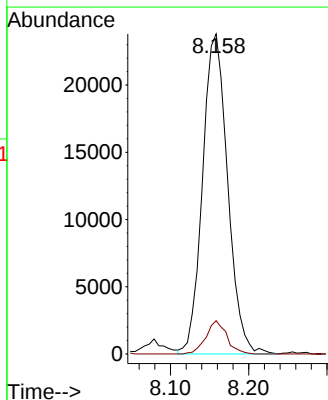
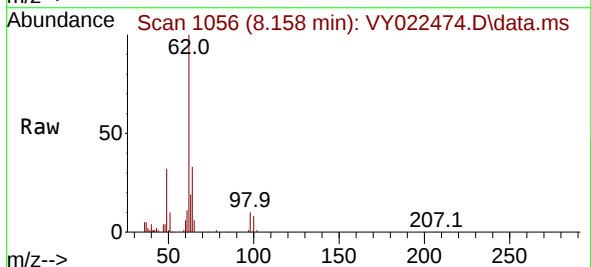
Manual Integrations
APPROVED

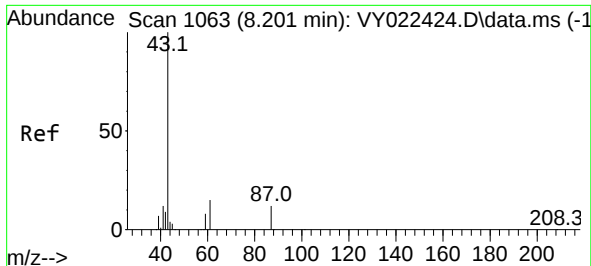
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#42
1,2-Dichloroethane
Concen: 21.818 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

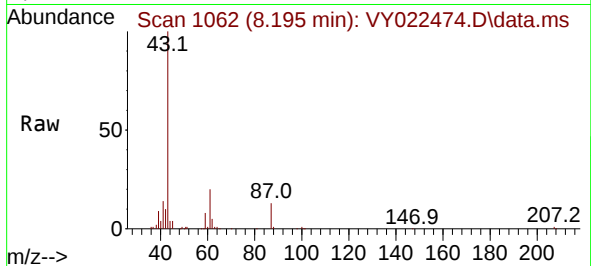
Tgt Ion: 62 Resp: 53093
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.4





#43
Isopropyl Acetate
Concen: 20.536 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

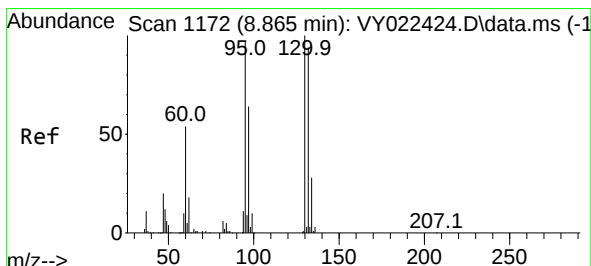
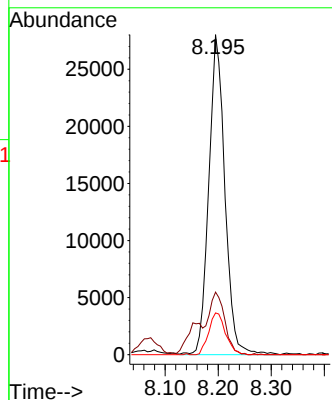
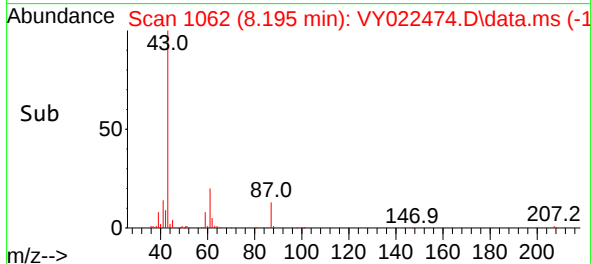
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 43 Resp: 5905
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.0
87 13.7 10.6 15.8

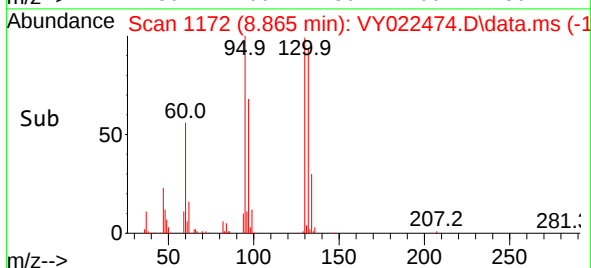
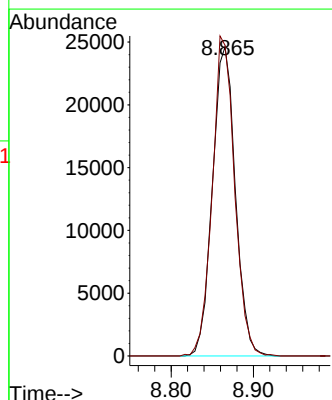
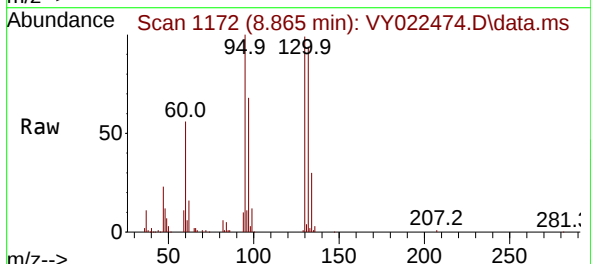
Manual Integrations
APPROVED

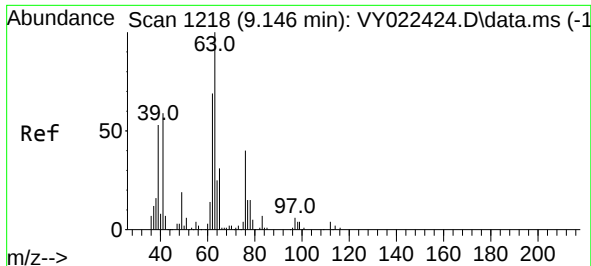
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#44
Trichloroethene
Concen: 20.943 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Tgt Ion:130 Resp: 47702
Ion Ratio Lower Upper
130 100
95 100.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 21.527 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

Tgt Ion: 63 Resp: 4660

Ion Ratio Lower Upper

63 100

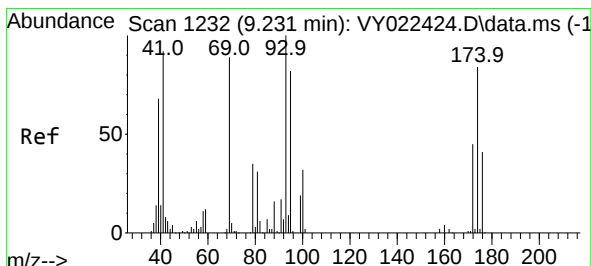
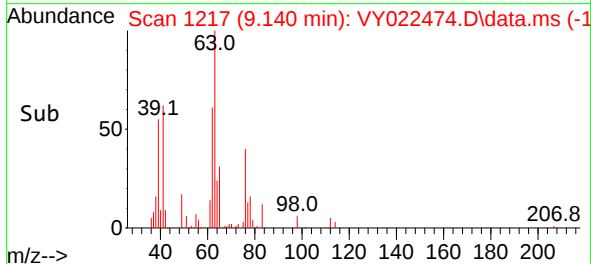
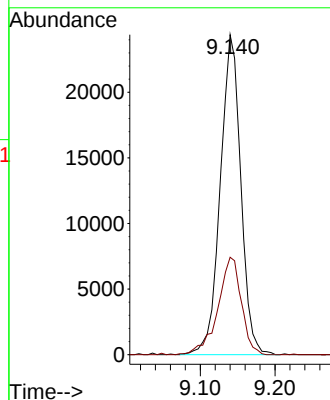
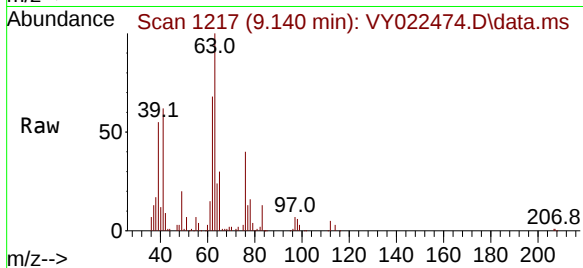
65 30.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#46

Dibromomethane

Concen: 21.454 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

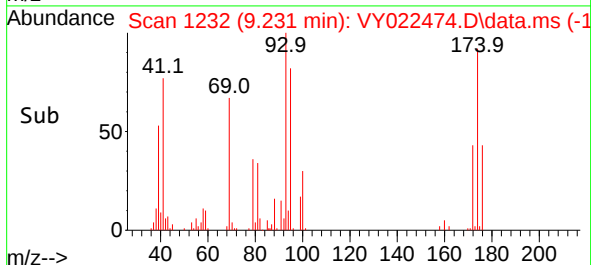
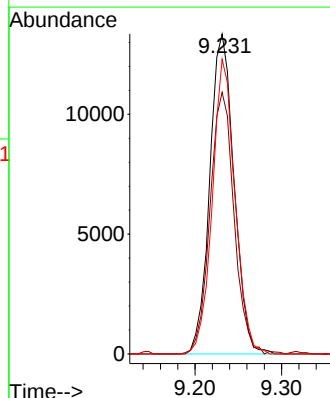
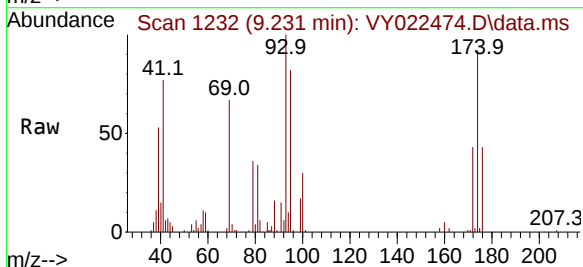
Tgt Ion: 93 Resp: 25945

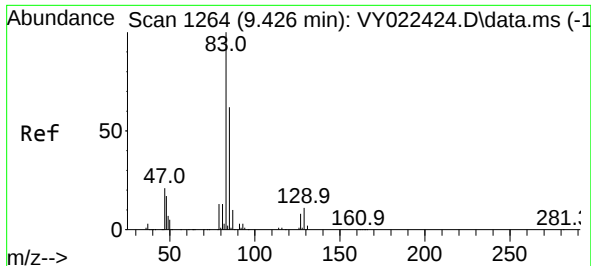
Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.2

174 86.4 71.1 106.7





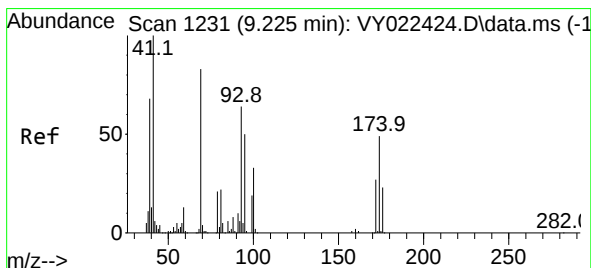
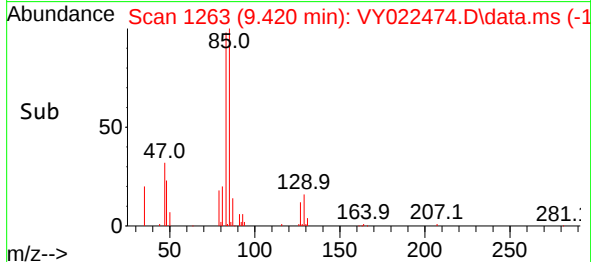
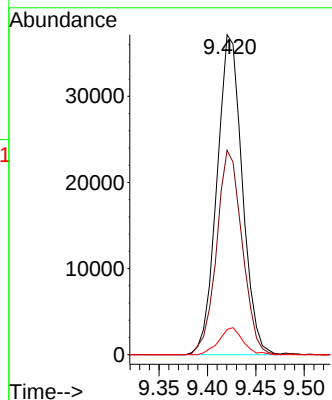
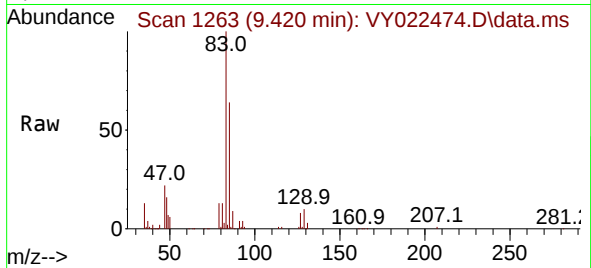
#47
Bromodichloromethane
Concen: 21.782 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01

Tgt Ion: 83 Resp: 67730
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 7.9 6.6 9.8

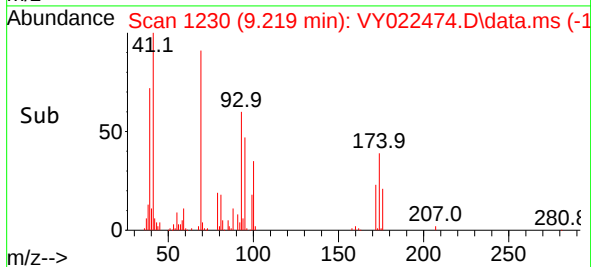
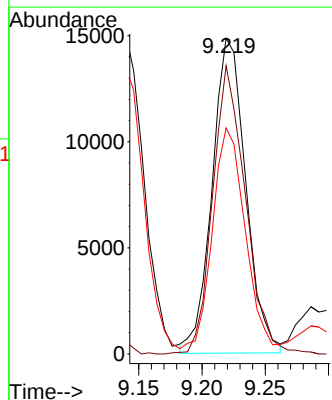
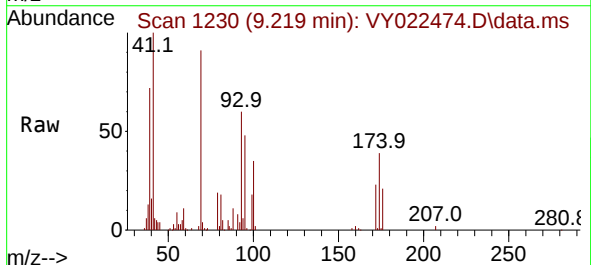
Manual Integrations
APPROVED

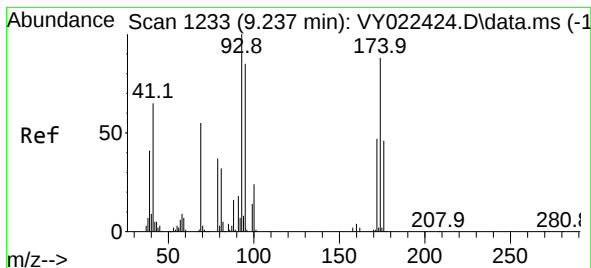
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#48
Methyl methacrylate
Concen: 20.570 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Tgt Ion: 41 Resp: 27457
Ion Ratio Lower Upper
41 100
69 89.1 70.3 105.5
39 70.1 55.4 83.0





#49

1,4-Dioxane

Concen: 439.617 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

Tgt Ion: 88 Resp: 5872

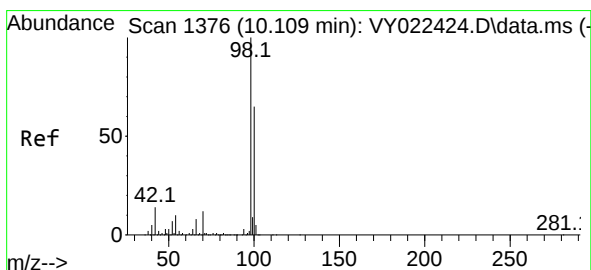
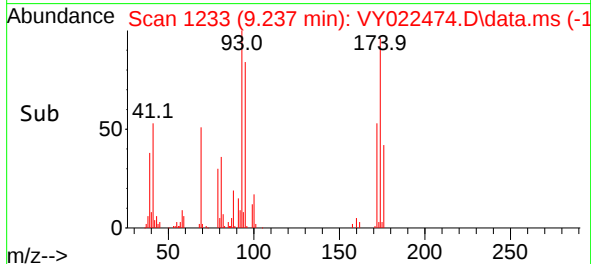
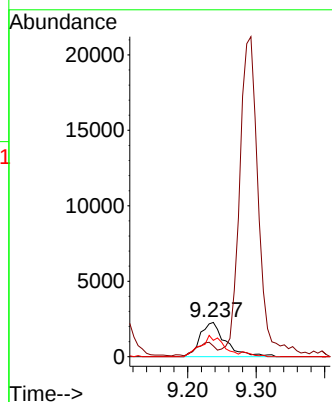
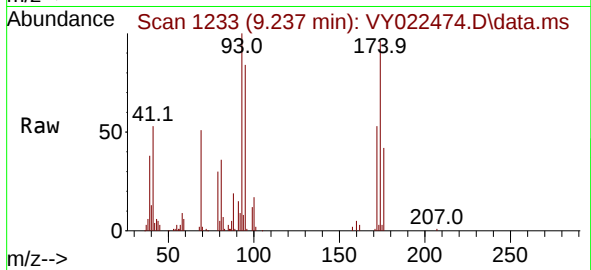
Ion	Ratio	Lower	Upper
88	100		
43	28.8	26.9	40.3
58	55.1	55.8	83.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#50

Toluene-d8

Concen: 52.283 ug/l

RT: 10.103 min Scan# 1375

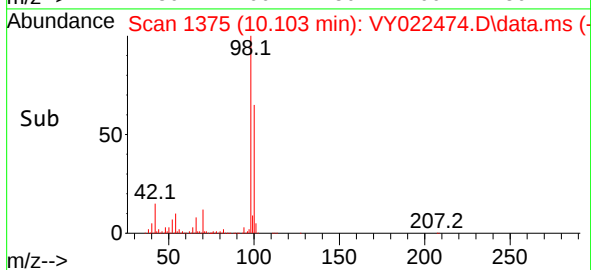
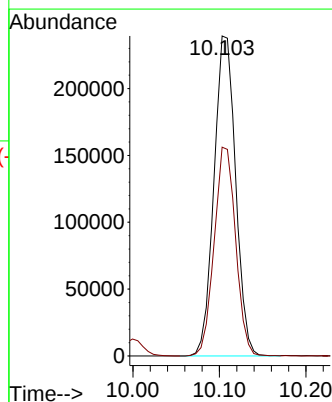
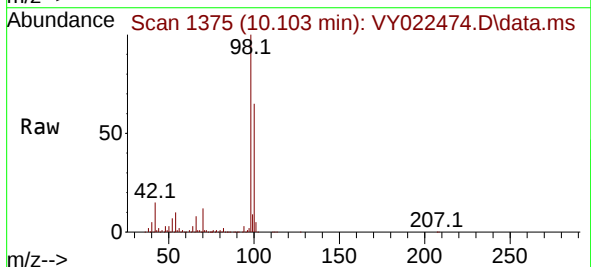
Delta R.T. -0.006 min

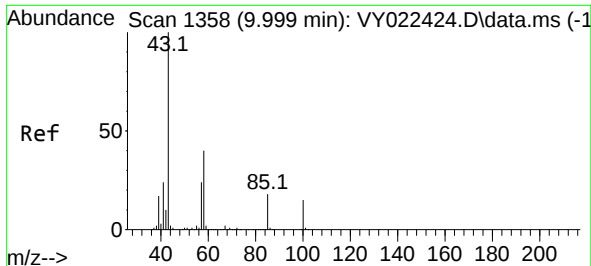
Lab File: VY022474.D

Acq: 30 May 2025 13:14

Tgt Ion: 98 Resp: 415894

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 102.010 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

Tgt Ion: 43 Resp: 14473

Ion Ratio Lower Upper

43 100

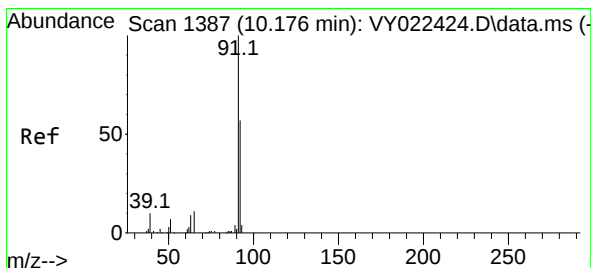
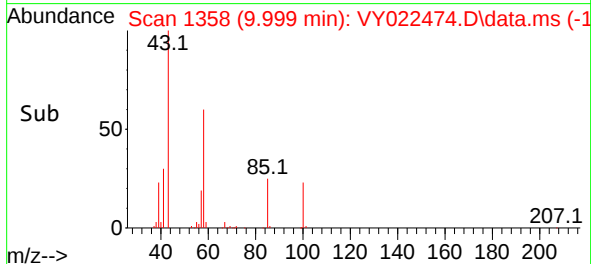
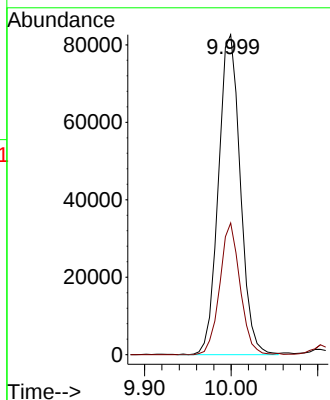
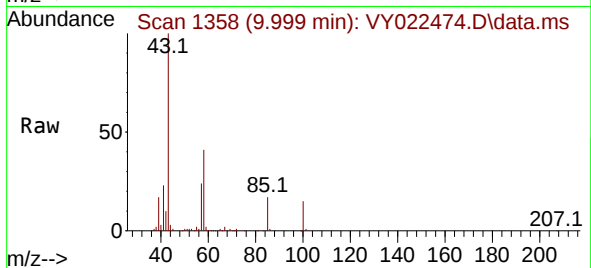
58 38.3 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#52

Toluene

Concen: 21.534 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.006 min

Lab File: VY022474.D

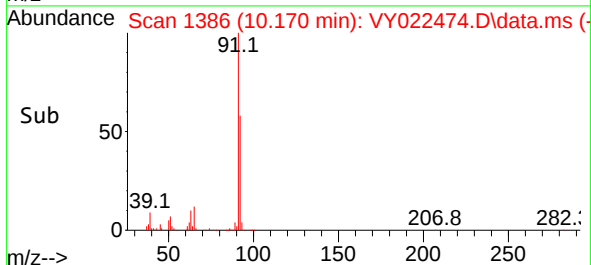
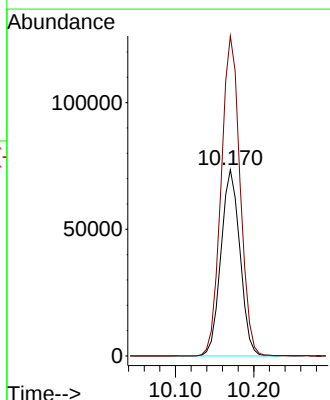
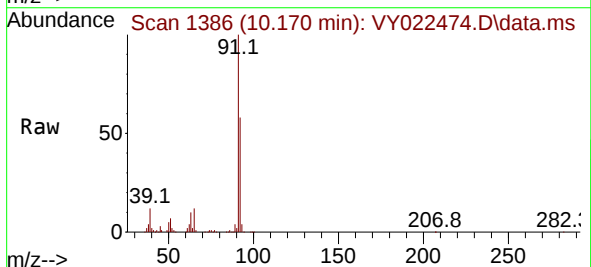
Acq: 30 May 2025 13:14

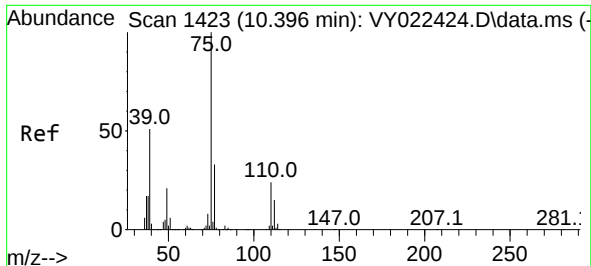
Tgt Ion: 92 Resp: 123925

Ion Ratio Lower Upper

92 100

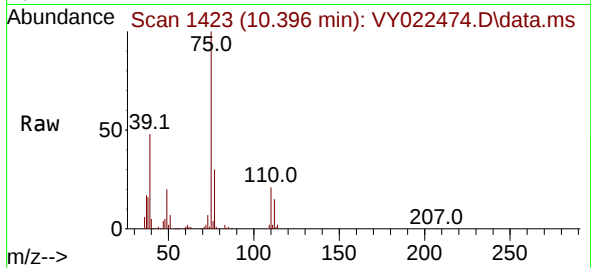
91 171.7 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 21.115 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

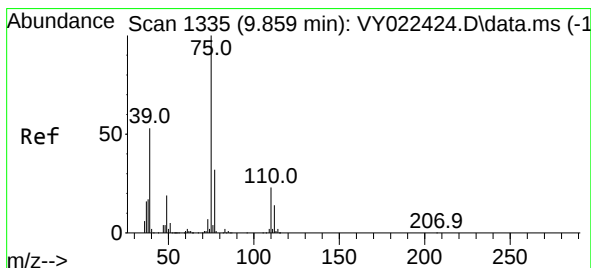
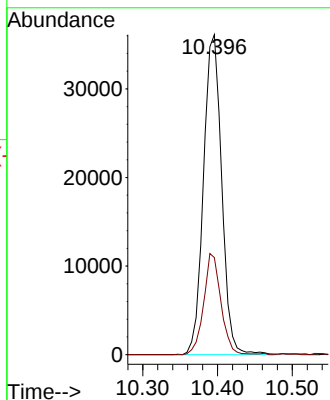
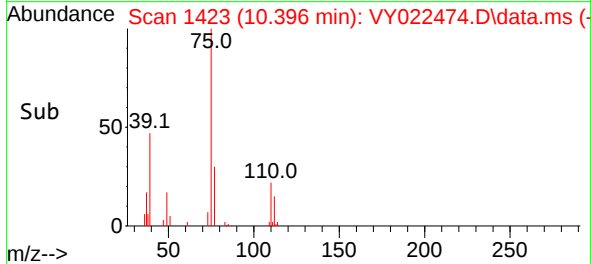
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 75 Resp: 61162
Ion Ratio Lower Upper
75 100
77 30.2 26.2 39.2

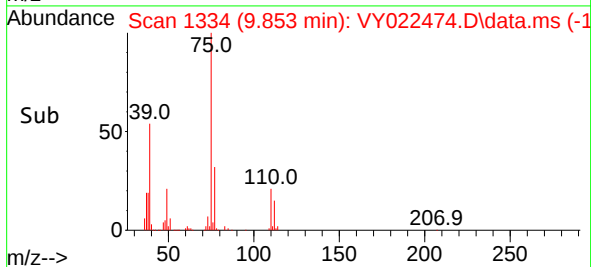
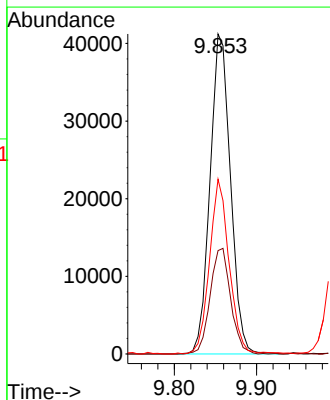
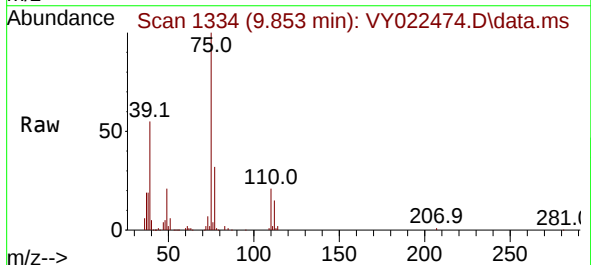
Manual Integrations
APPROVED

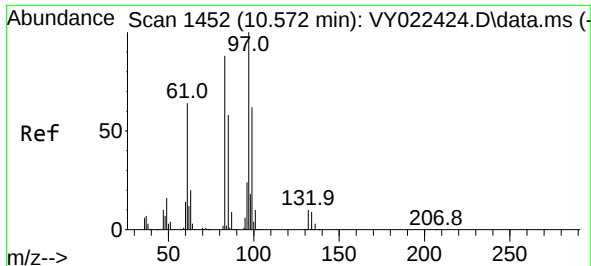
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#54
cis-1,3-Dichloropropene
Concen: 20.949 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

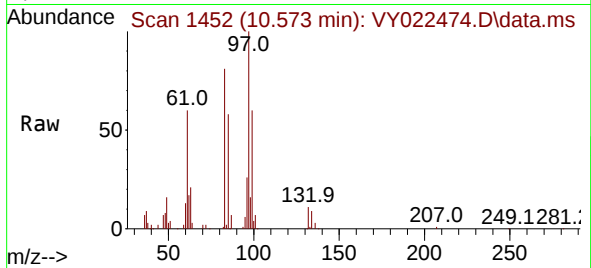
Tgt Ion: 75 Resp: 71302
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2
39 54.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 20.647 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

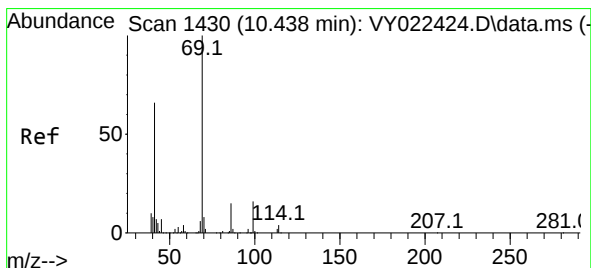
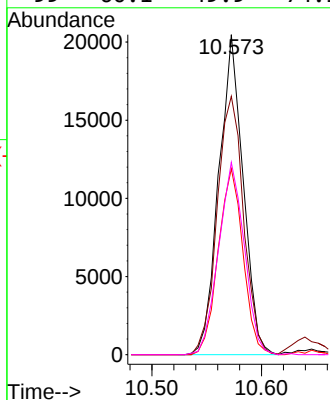
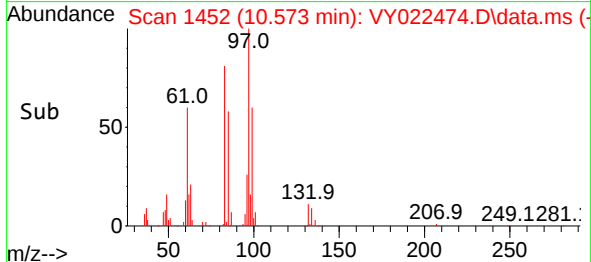
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



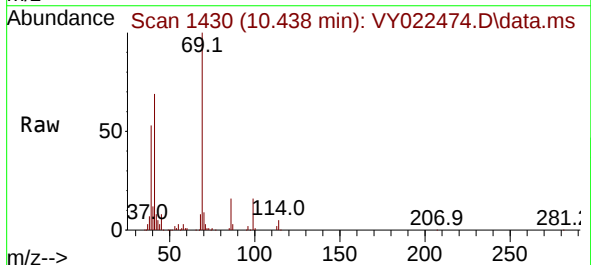
Tgt Ion: 97 Resp: 3156
Ion Ratio Lower Upper
97 100
83 80.7 70.2 105.4
85 58.1 46.1 69.1
99 60.1 49.9 74.9

Manual Integrations
APPROVED

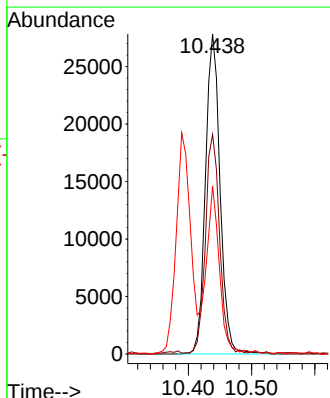
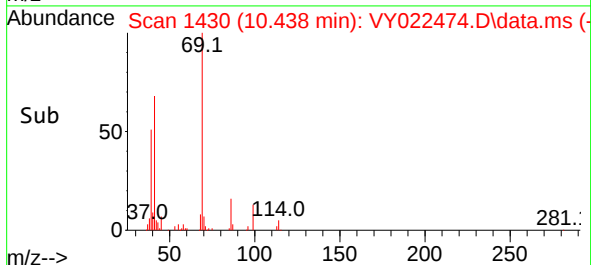
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

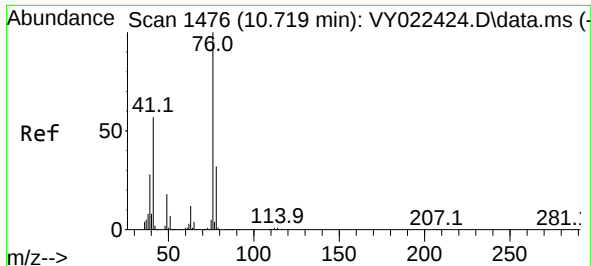


#56
Ethyl methacrylate
Concen: 20.378 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14



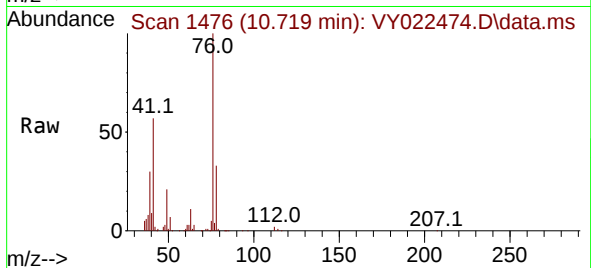
Tgt Ion: 69 Resp: 44712
Ion Ratio Lower Upper
69 100
41 66.2 51.2 76.8
39 47.9 35.2 52.8





#57
1,3-Dichloropropane
Concen: 21.354 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

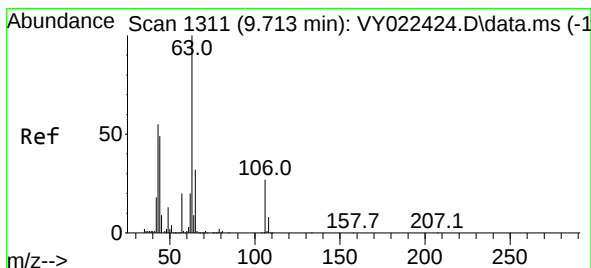
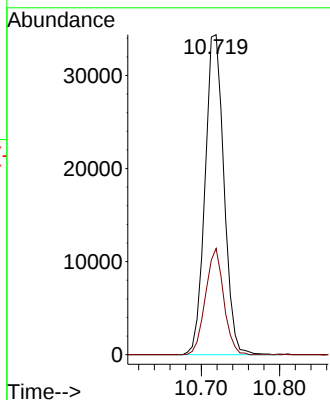
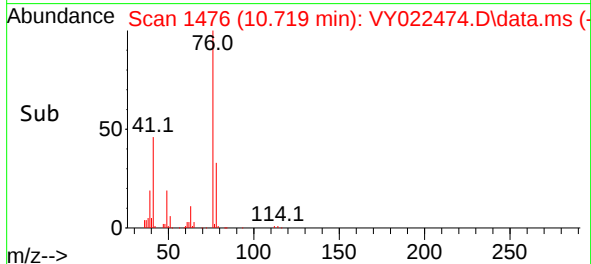
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



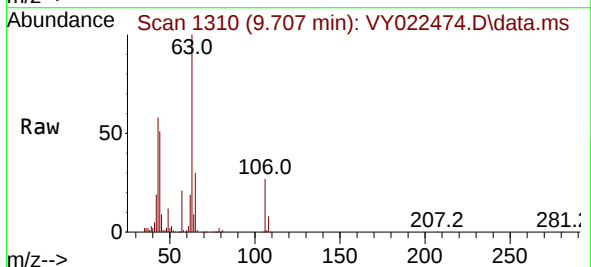
Tgt Ion: 76 Resp: 57530
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.8

Manual Integrations
APPROVED

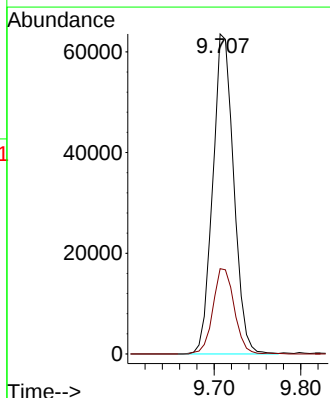
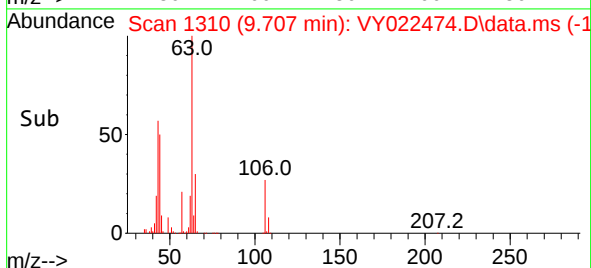
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

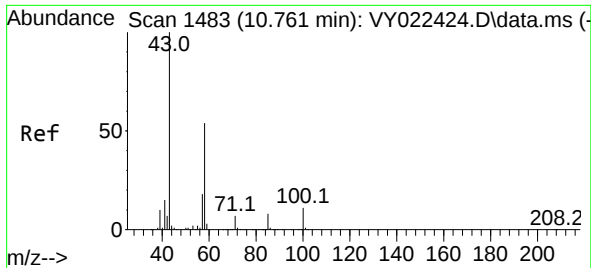


#58
2-Chloroethyl Vinyl ether
Concen: 97.487 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14



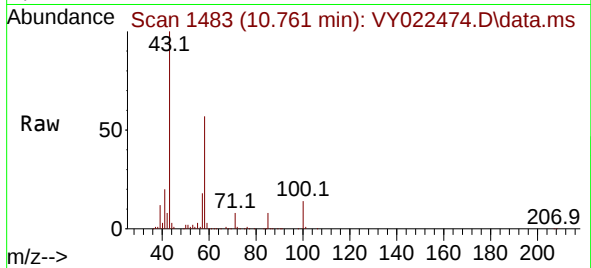
Tgt Ion: 63 Resp: 106603
Ion Ratio Lower Upper
63 100
106 27.2 22.2 33.2





#59
2-Hexanone
Concen: 96.532 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

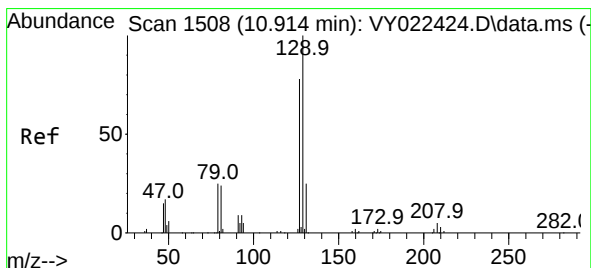
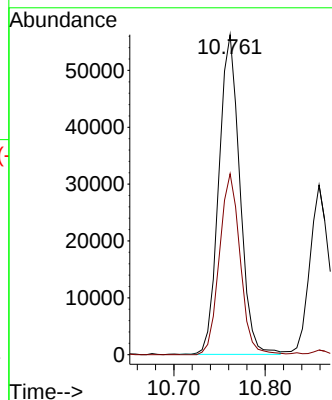
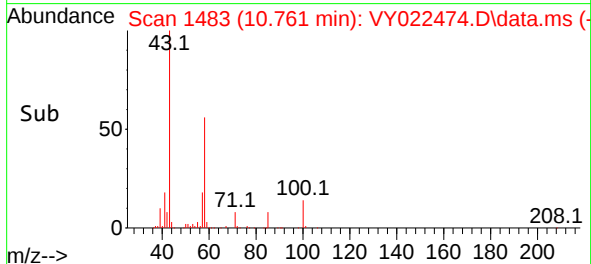
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 43 Resp: 8975
Ion Ratio Lower Upper
43 100
58 55.8 27.1 81.2

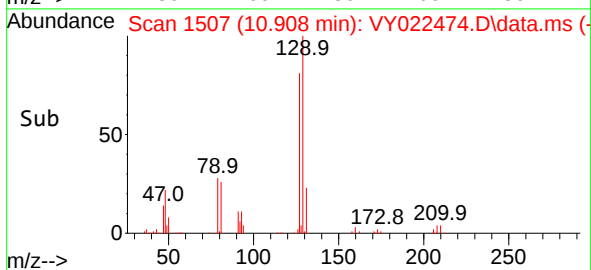
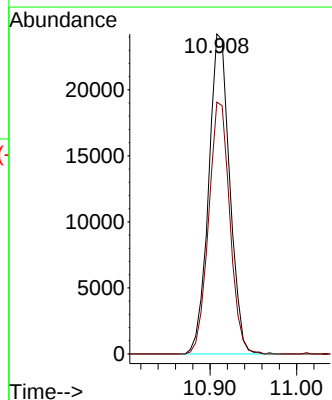
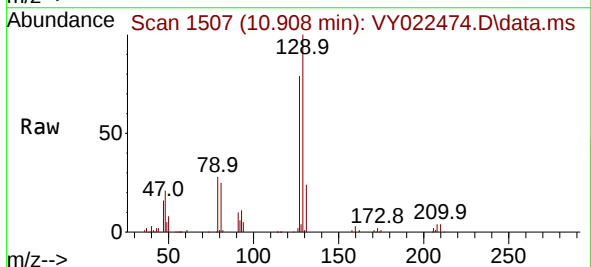
Manual Integrations
APPROVED

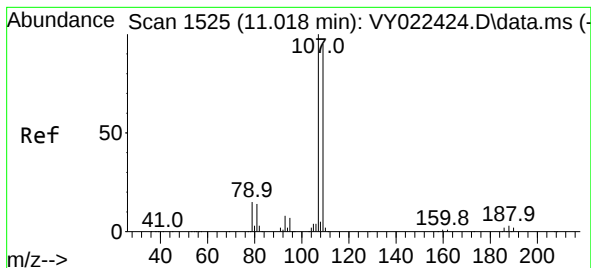
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#60
Dibromochloromethane
Concen: 20.988 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Tgt Ion:129 Resp: 40992
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.8





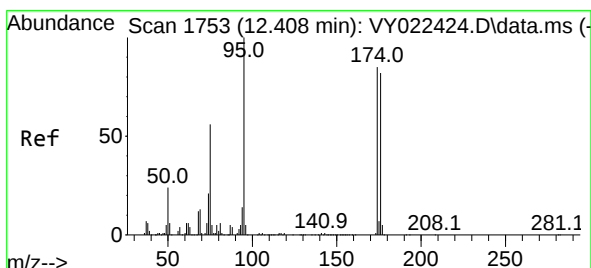
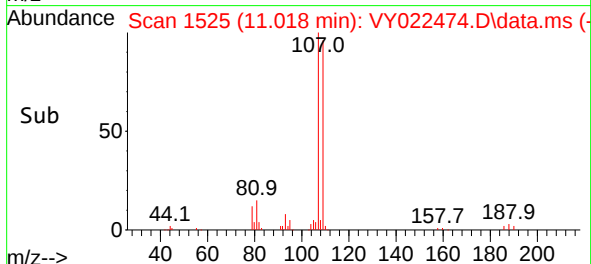
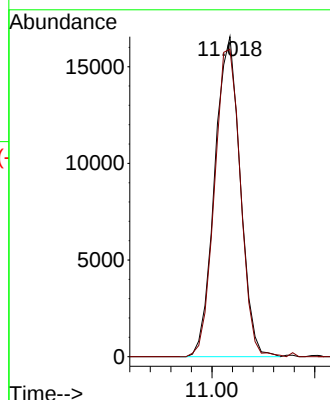
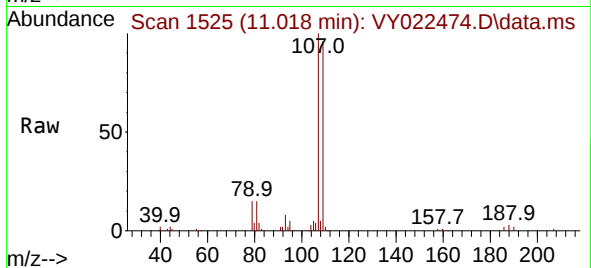
#61
1,2-Dibromoethane
Concen: 20.422 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01

Tgt Ion:107 Resp: 2855
Ion Ratio Lower Upper
107 100
109 97.3 74.0 111.0

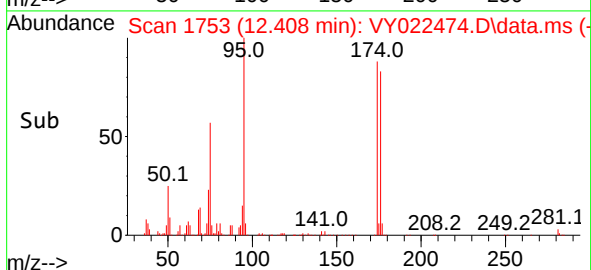
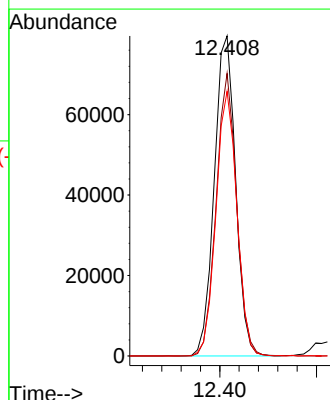
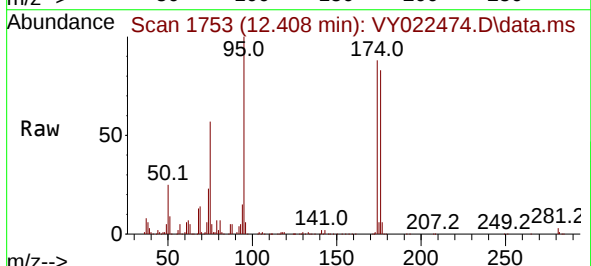
Manual Integrations
APPROVED

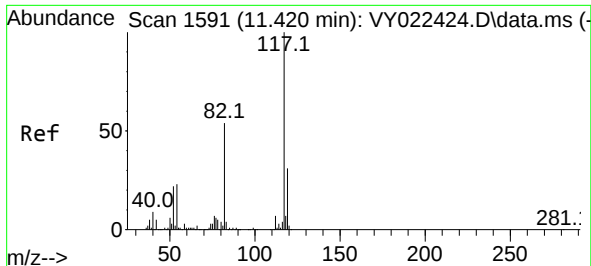
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#62
4-Bromofluorobenzene
Concen: 50.557 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

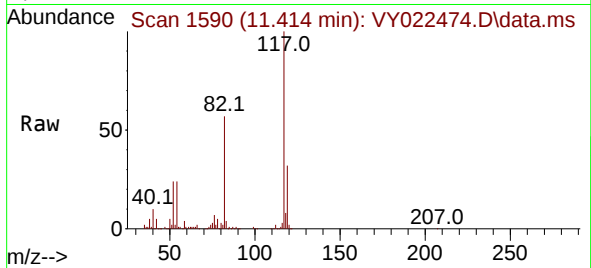
Tgt Ion: 95 Resp: 121648
Ion Ratio Lower Upper
95 100
174 84.4 0.0 171.6
176 81.2 0.0 164.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

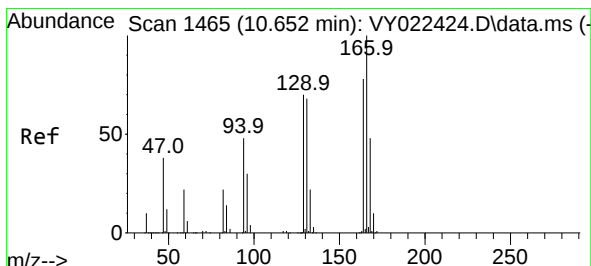
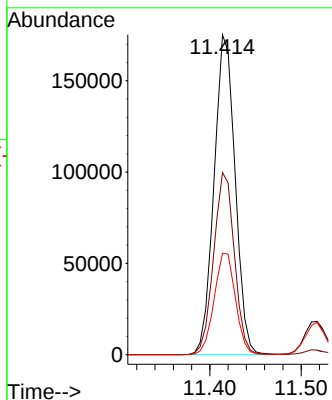
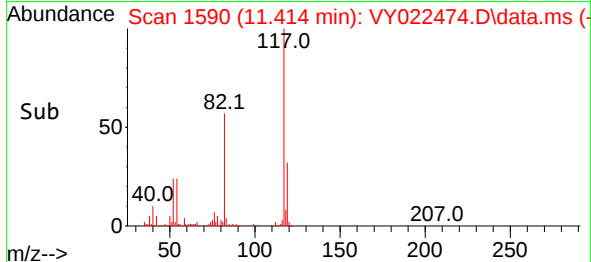
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion:117 Resp: 281139
Ion Ratio Lower Upper
117 100
82 56.9 43.3 64.9
119 31.7 24.5 36.7

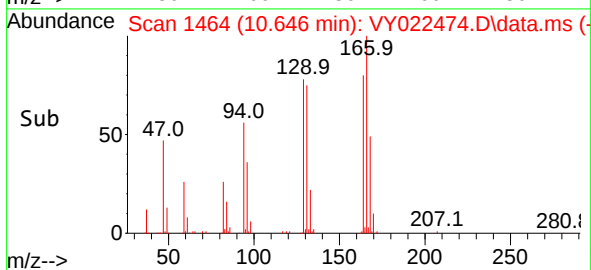
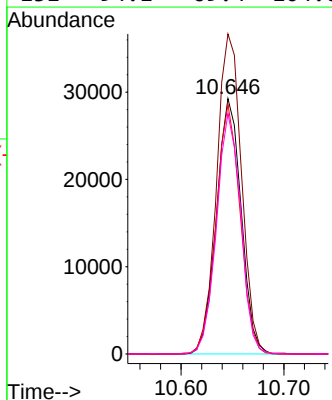
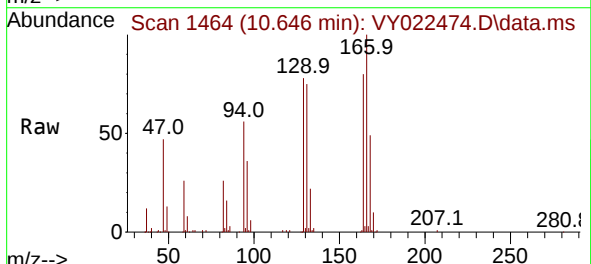
Manual Integrations
APPROVED

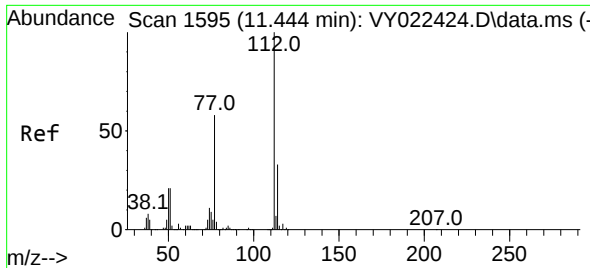
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#64
Tetrachloroethene
Concen: 20.485 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

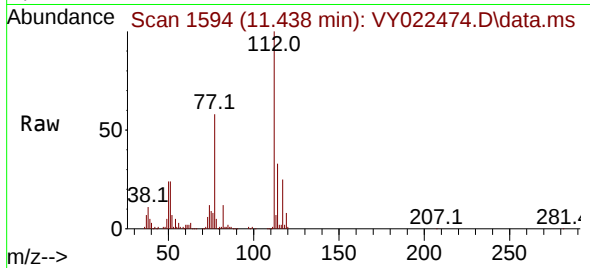
Tgt Ion:164 Resp: 49047
Ion Ratio Lower Upper
164 100
166 125.3 102.0 153.0
129 97.7 71.3 106.9
131 94.1 69.4 104.0





#65
Chlorobenzene
Concen: 21.279 ug/l
RT: 11.438 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

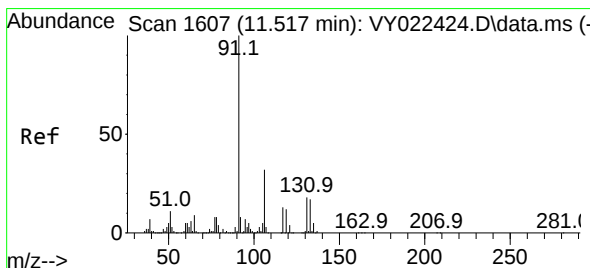
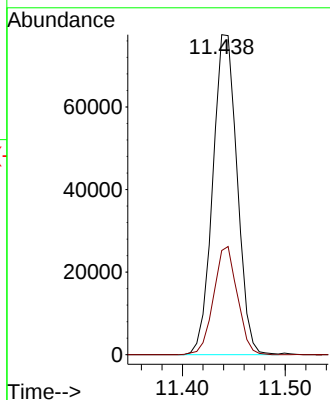
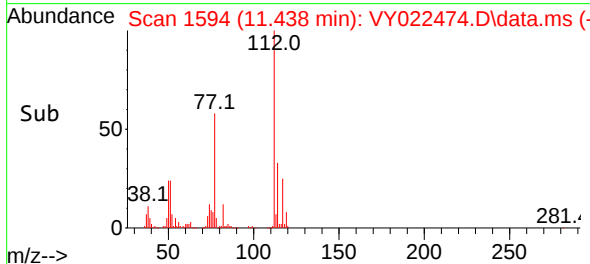
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



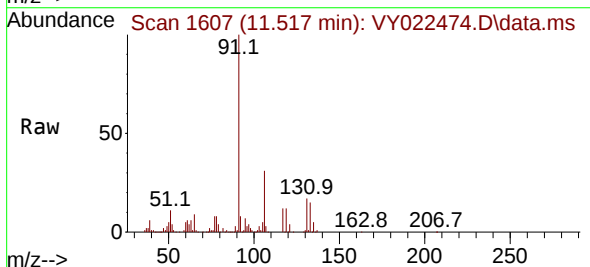
Tgt Ion:112 Resp: 127560
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1

Manual Integrations
APPROVED

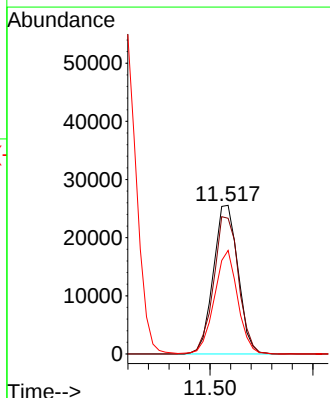
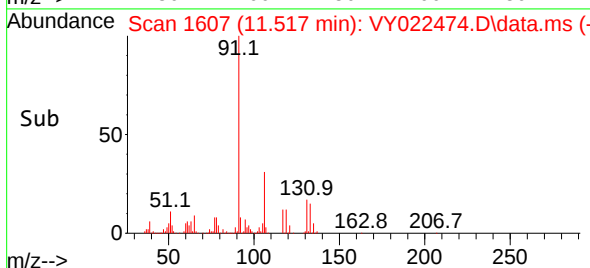
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

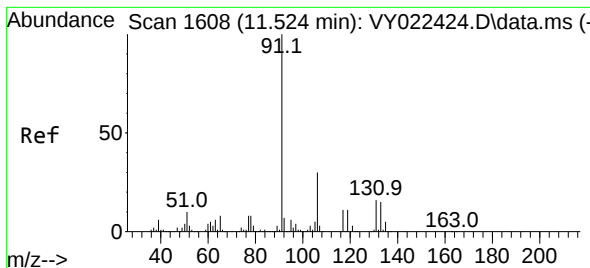


#66
1,1,1,2-Tetrachloroethane
Concen: 20.988 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14



Tgt Ion:131 Resp: 42628
Ion Ratio Lower Upper
131 100
133 93.3 46.6 139.8
119 65.9 33.3 99.8





#67

Ethyl Benzene

Concen: 20.817 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

Tgt Ion: 91 Resp: 23171

Ion Ratio Lower Upper

91 100

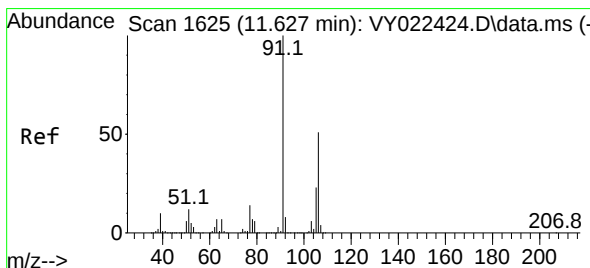
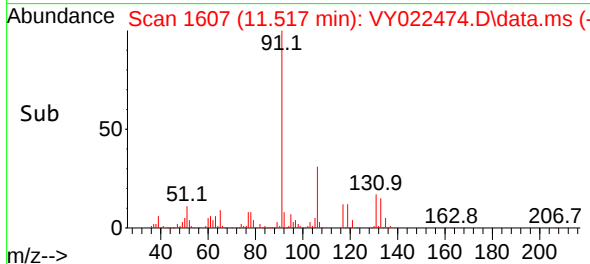
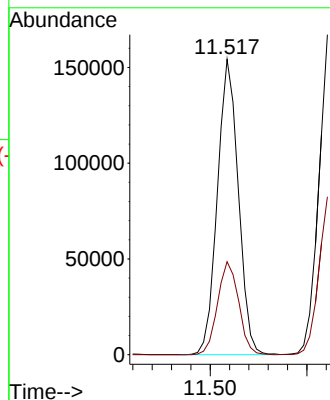
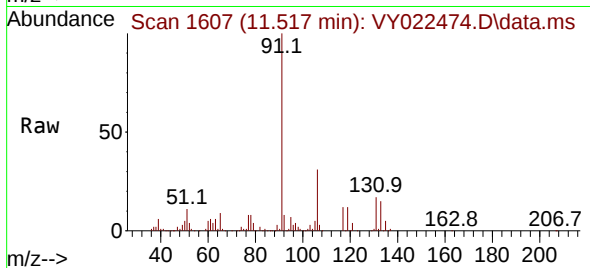
106 31.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#68

m/p-Xylenes

Concen: 41.337 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022474.D

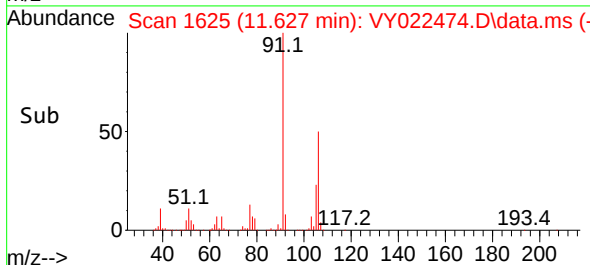
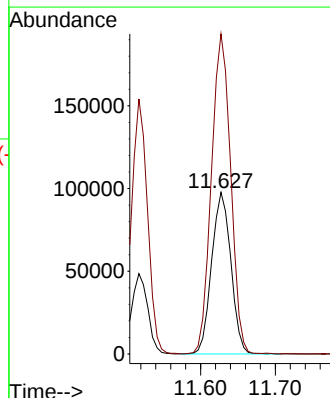
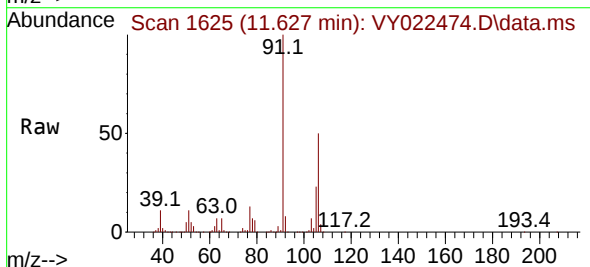
Acq: 30 May 2025 13:14

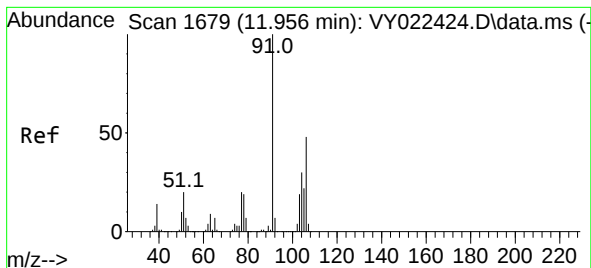
Tgt Ion:106 Resp: 174451

Ion Ratio Lower Upper

106 100

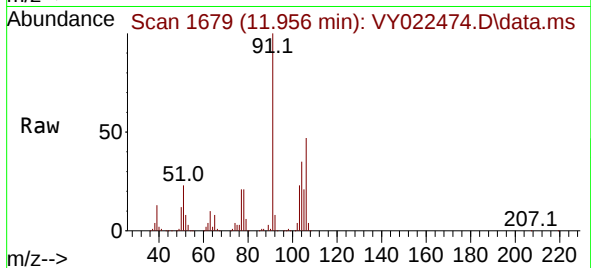
91 198.3 159.8 239.8





#69
o-Xylene
Concen: 21.188 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

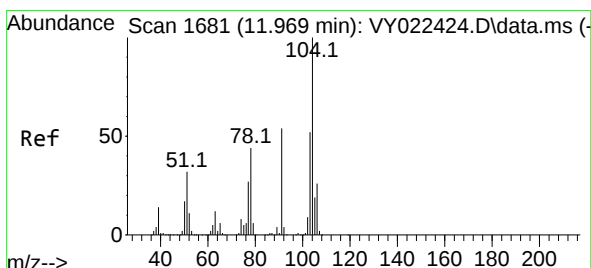
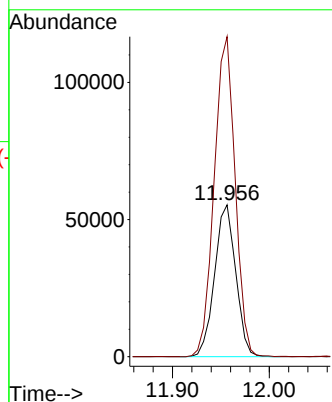
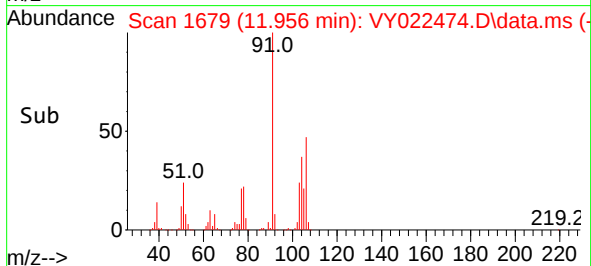
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion:106 Resp: 8403
Ion Ratio Lower Upper
106 100
91 208.8 106.3 318.9

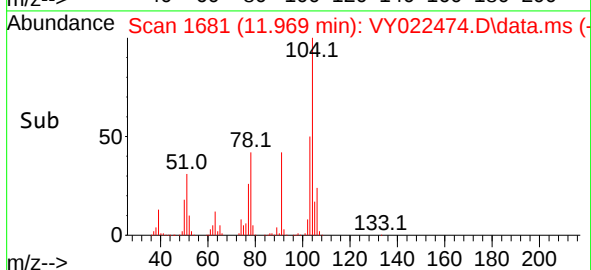
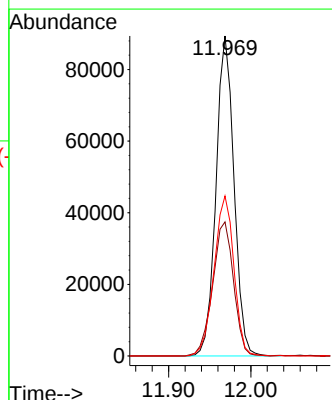
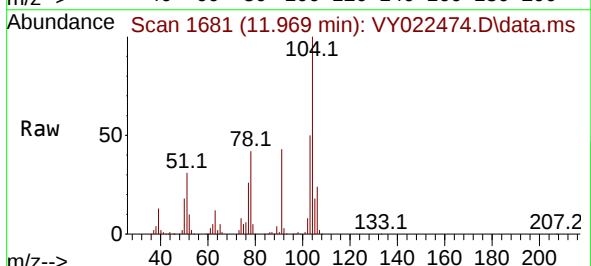
Manual Integrations
APPROVED

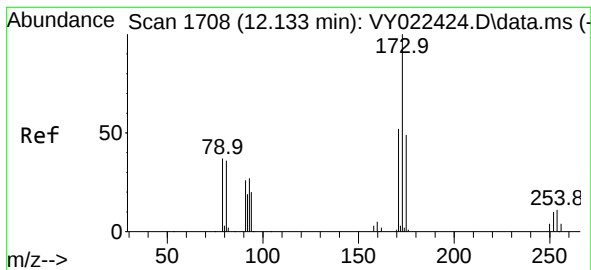
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#70
Styrene
Concen: 20.601 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Tgt Ion:104 Resp: 136057
Ion Ratio Lower Upper
104 100
78 48.5 38.8 58.2
103 55.2 43.4 65.2





#71

Bromoform

Concen: 20.632 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

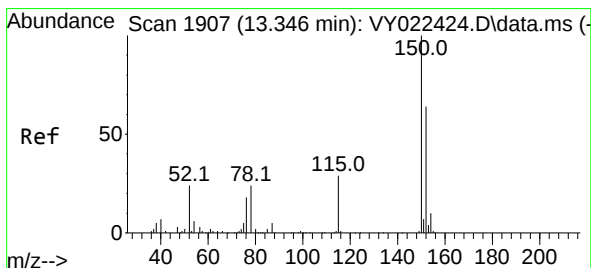
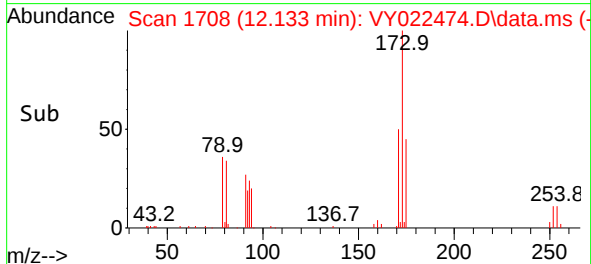
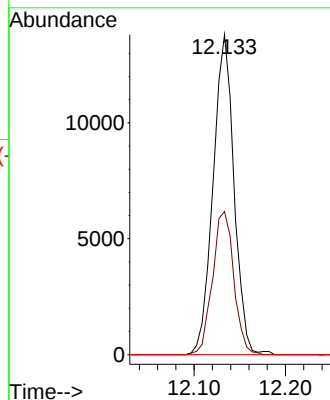
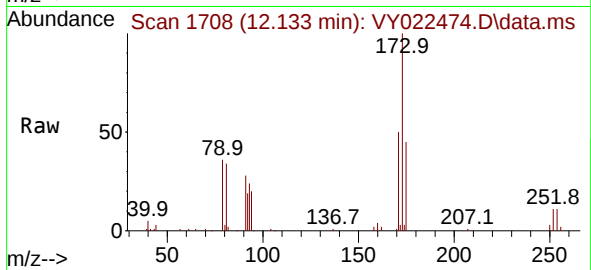
Tgt Ion:173	Resp:	21950
Ion Ratio	Lower	Upper
173	100	
175	45.5	24.3 73.0
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

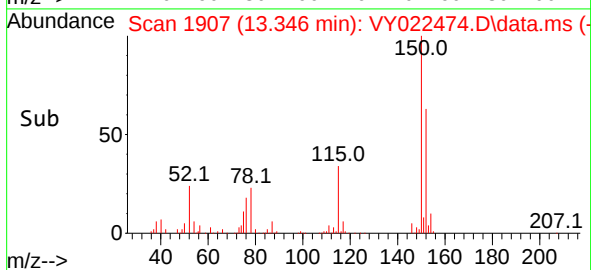
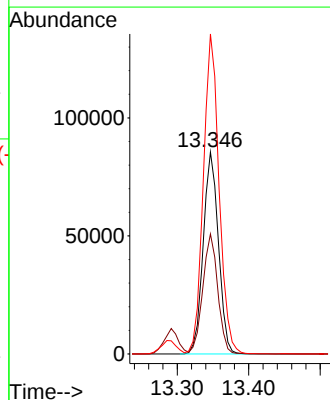
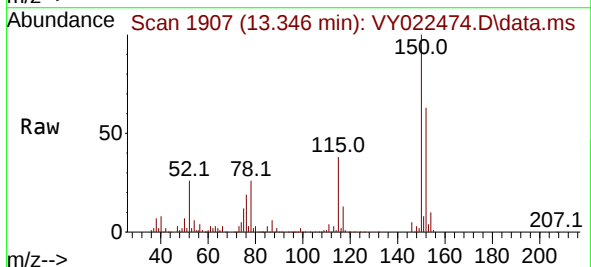
RT: 13.346 min Scan# 1907

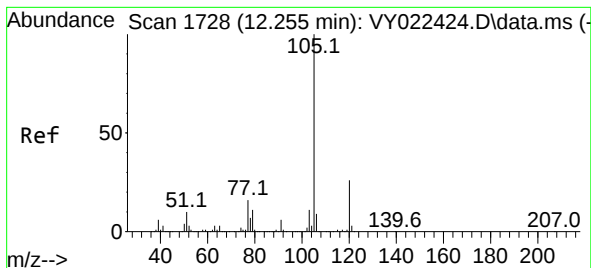
Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Tgt Ion:152	Resp:	126345
Ion Ratio	Lower	Upper
152	100	
115	58.5	28.4 85.3
150	164.0	0.0 345.8





#73

Isopropylbenzene

Concen: 21.343 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

Tgt Ion:105 Resp: 21222

Ion Ratio Lower Upper

105 100

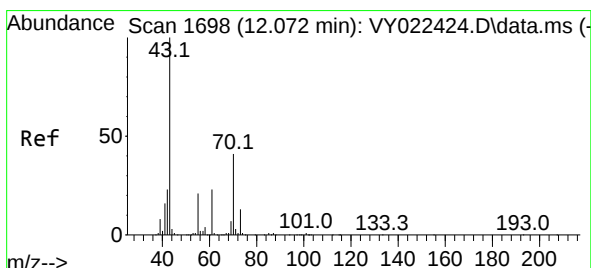
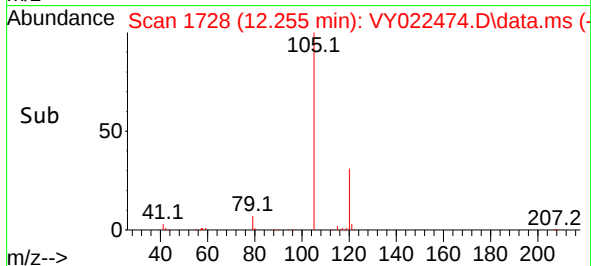
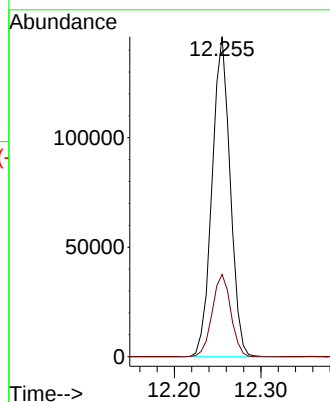
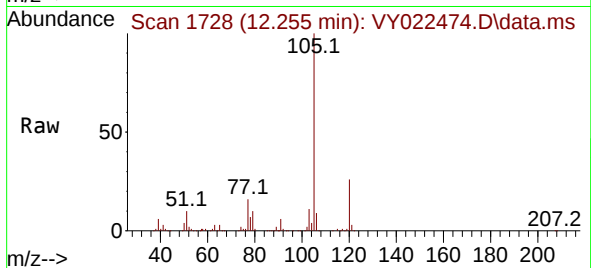
120 26.4 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#74

N-ethyl acetate

Concen: 20.176 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Tgt Ion: 43 Resp: 49092

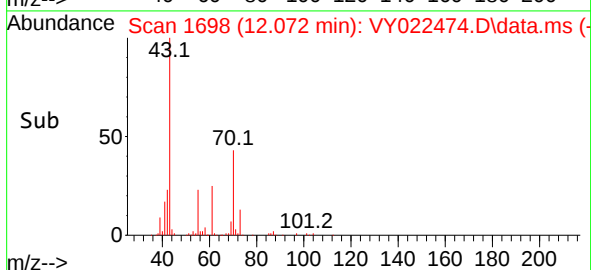
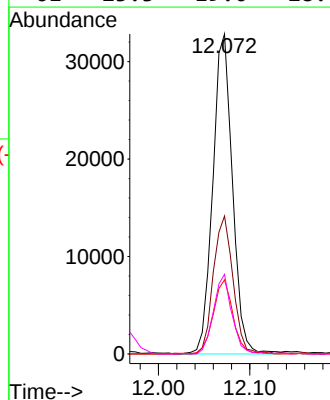
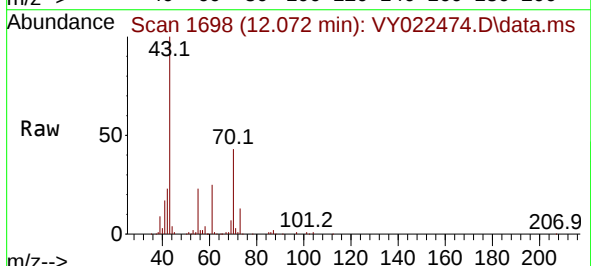
Ion Ratio Lower Upper

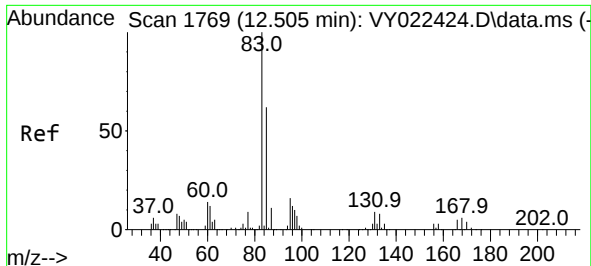
43 100

70 43.0 33.0 49.4

55 23.4 17.5 26.3

61 23.3 19.0 28.6





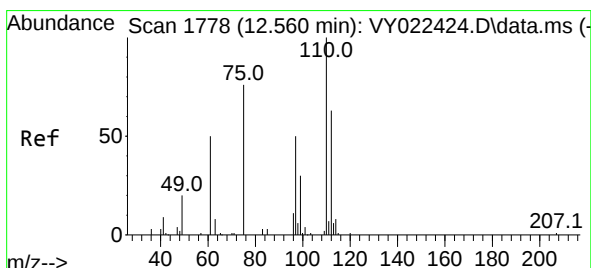
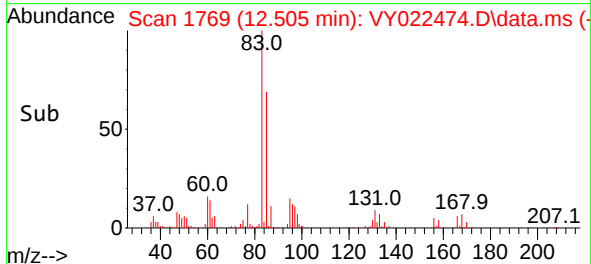
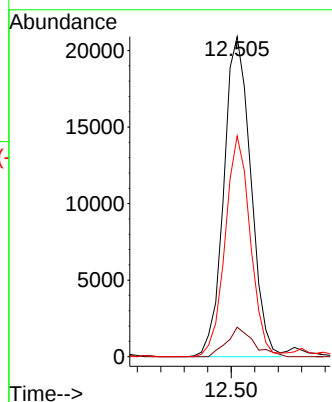
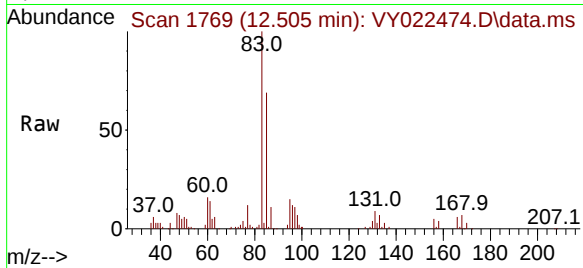
#75
1,1,2,2-Tetrachloroethane
Concen: 21.281 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01

Tgt Ion: 83 Resp: 3334
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.4
85 64.3 32.0 96.2

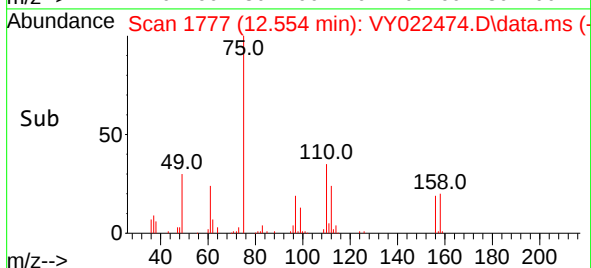
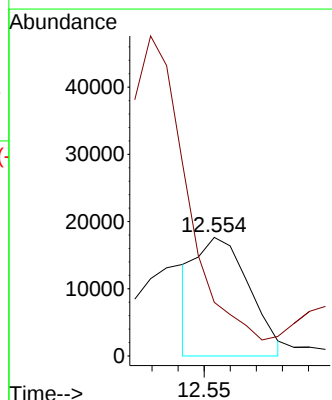
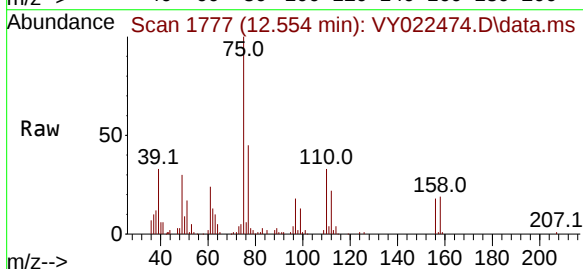
Manual Integrations
APPROVED

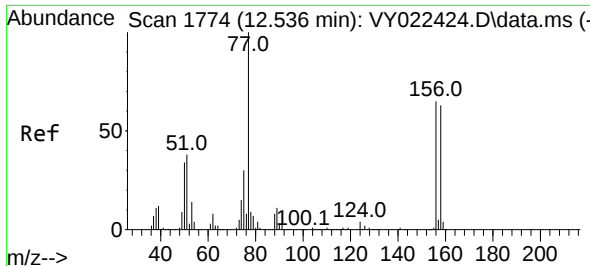
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#76
1,2,3-Trichloropropane
Concen: 19.810 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Tgt Ion: 75 Resp: 25071
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





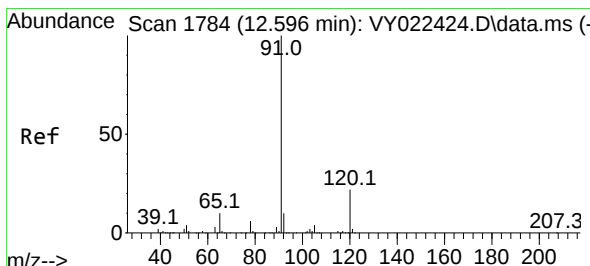
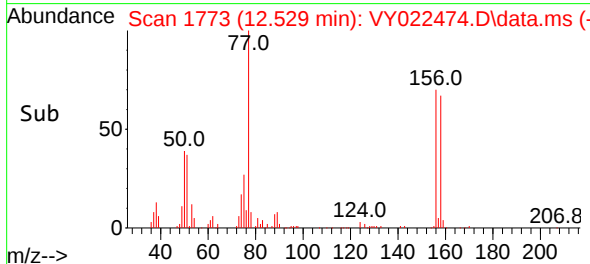
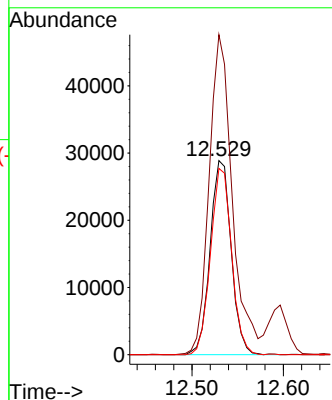
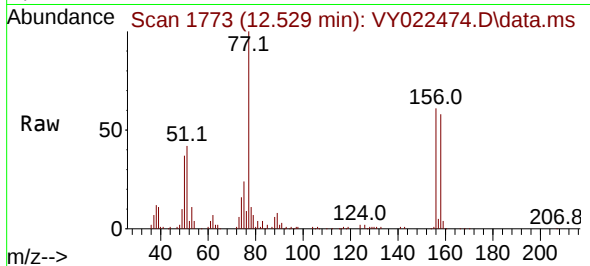
#77
Bromobenzene
Concen: 21.566 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01

Tgt Ion:156 Resp: 46149
Ion Ratio Lower Upper
156 100
77 180.7 91.4 274.2
158 96.1 48.1 144.3

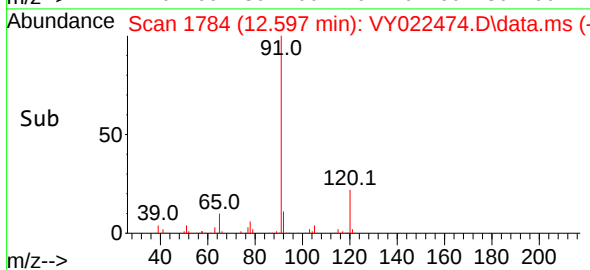
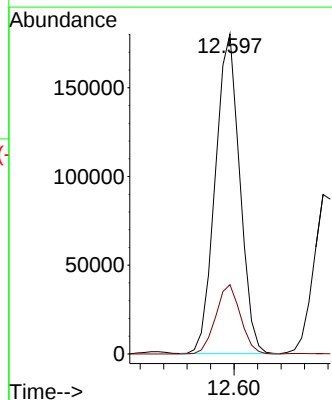
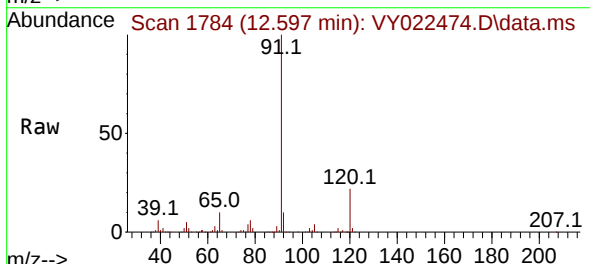
Manual Integrations
APPROVED

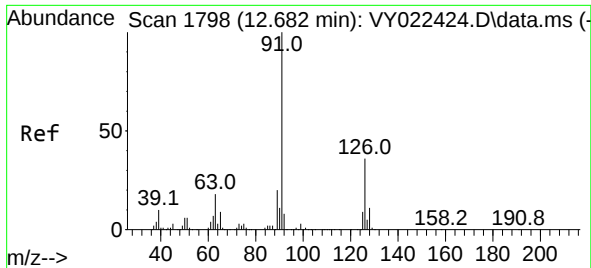
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#78
n-propylbenzene
Concen: 21.829 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Tgt Ion: 91 Resp: 260496
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.5





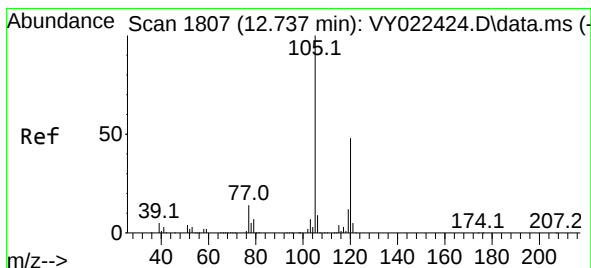
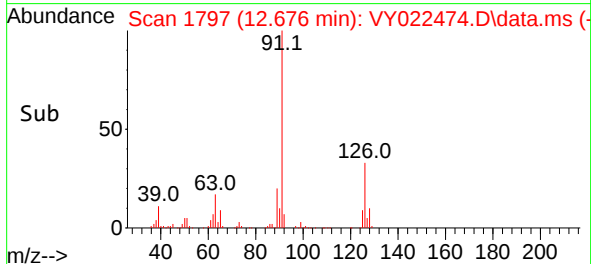
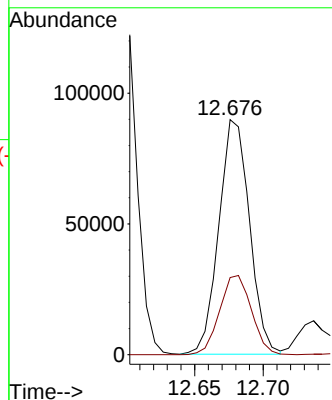
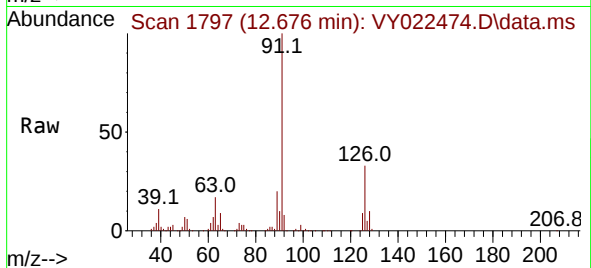
#79
2-Chlorotoluene
Concen: 21.674 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01

Tgt Ion: 91 Resp: 14001
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3

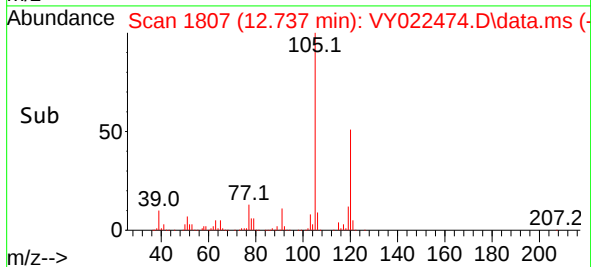
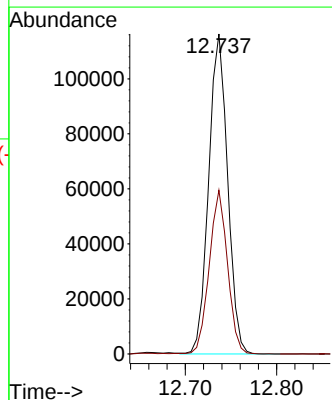
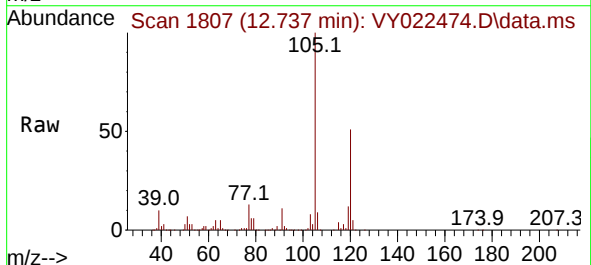
Manual Integrations
APPROVED

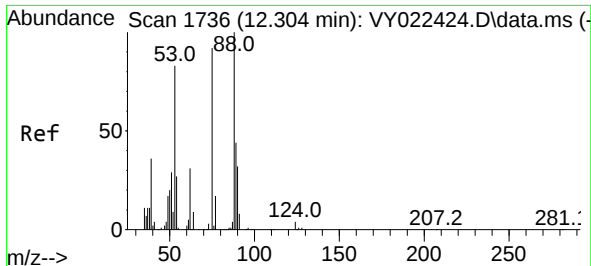
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.476 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

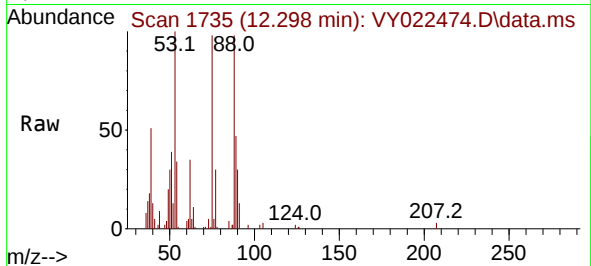
Tgt Ion:105 Resp: 166861
Ion Ratio Lower Upper
105 100
120 49.4 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 20.101 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

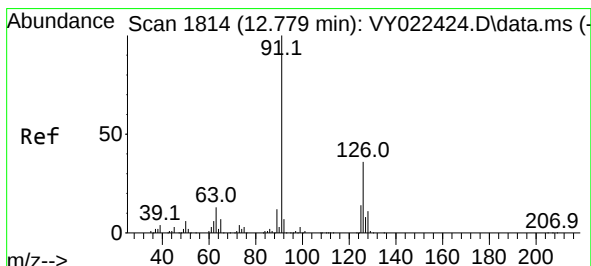
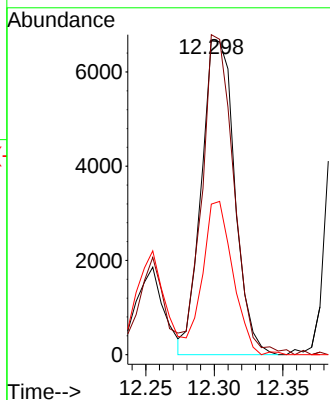
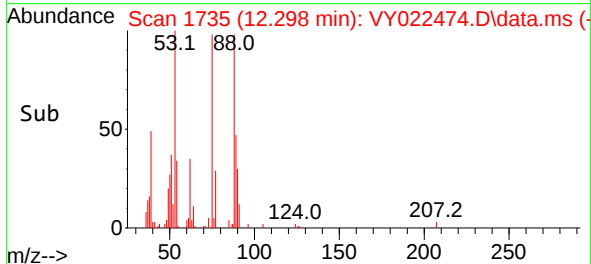
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01



Tgt Ion: 75 Resp: 11249
Ion Ratio Lower Upper
75 100
53 97.1 75.1 112.7
89 44.1 37.4 56.0

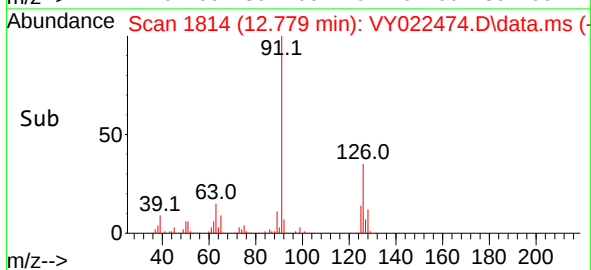
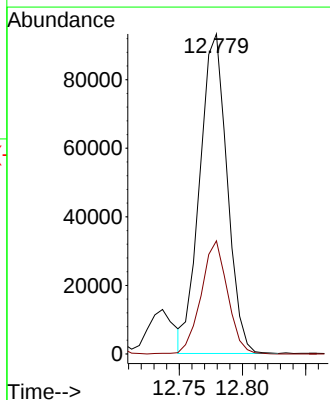
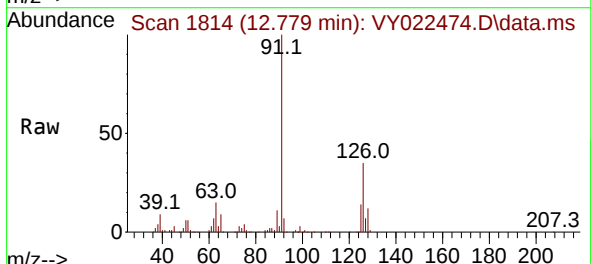
Manual Integrations
APPROVED

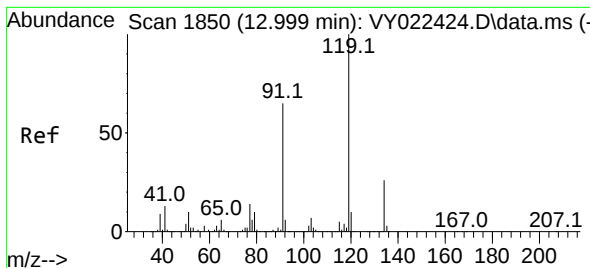
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#82
4-Chlorotoluene
Concen: 21.051 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

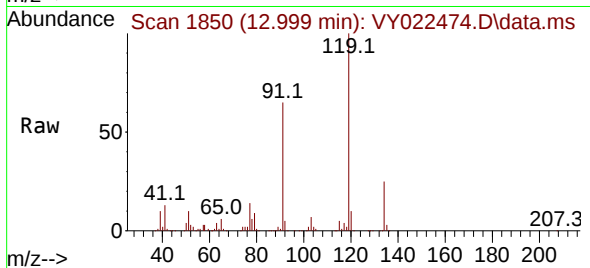
Tgt Ion: 91 Resp: 140053
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83
 tert-Butylbenzene
 Concen: 21.381 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY022474.D
 Acq: 30 May 2025 13:14

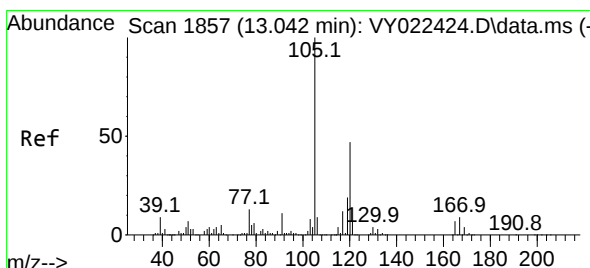
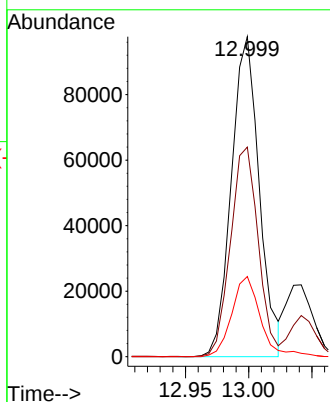
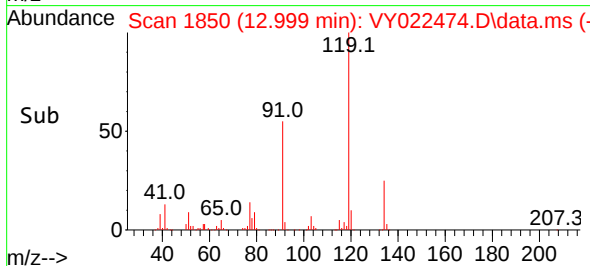
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBS01



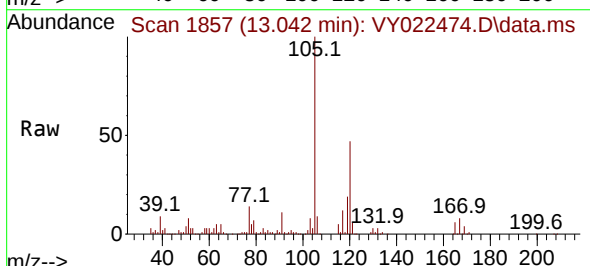
Tgt Ion:119 Resp: 150085
 Ion Ratio Lower Upper
 119 100
 91 65.1 31.8 95.3
 134 25.8 13.0 38.9

Manual Integrations
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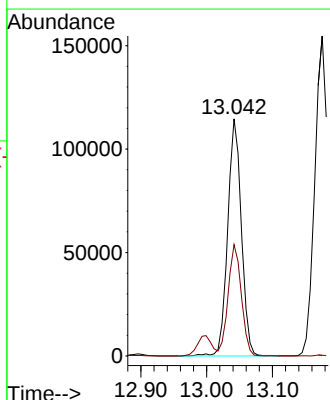
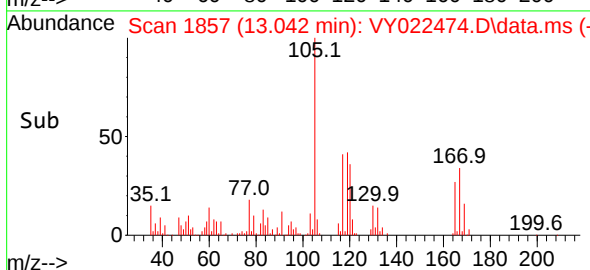
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025

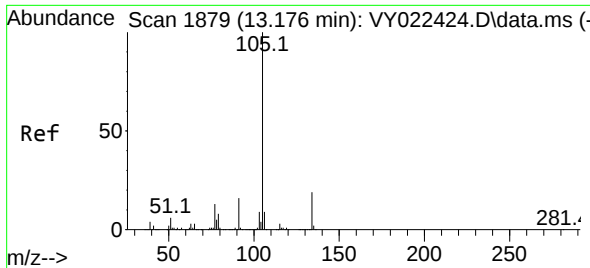


#84
 1,2,4-Trimethylbenzene
 Concen: 21.208 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022474.D
 Acq: 30 May 2025 13:14



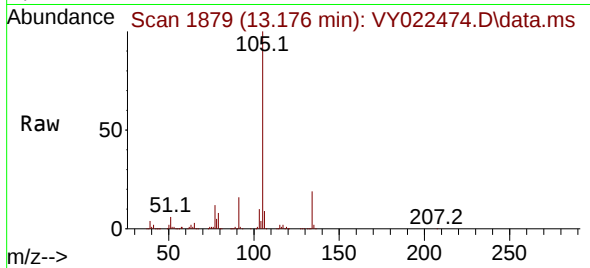
Tgt Ion:105 Resp: 165819
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 21.428 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022474.D
 Acq: 30 May 2025 13:14

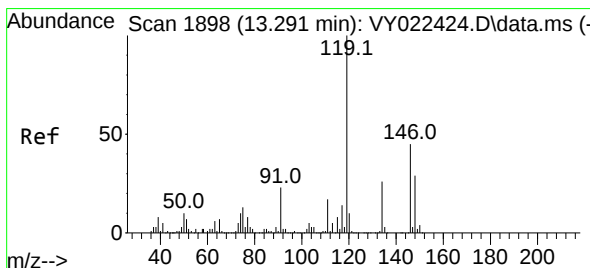
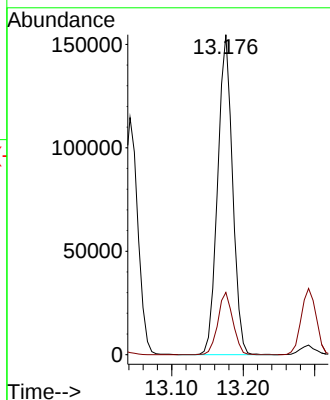
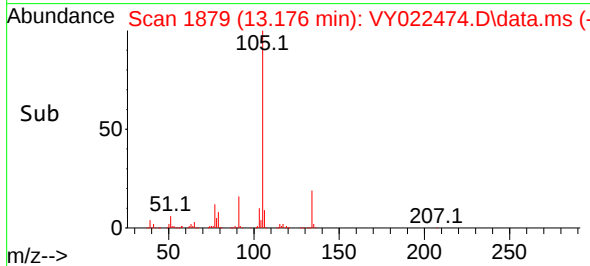
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBS01



Tgt Ion:105 Resp: 223069
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1

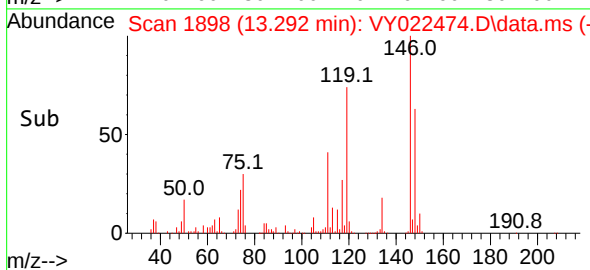
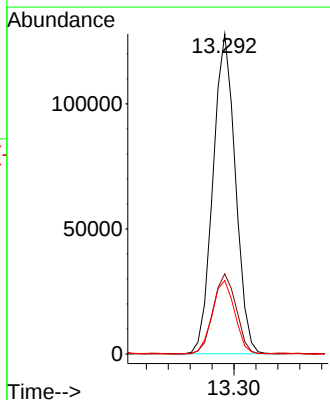
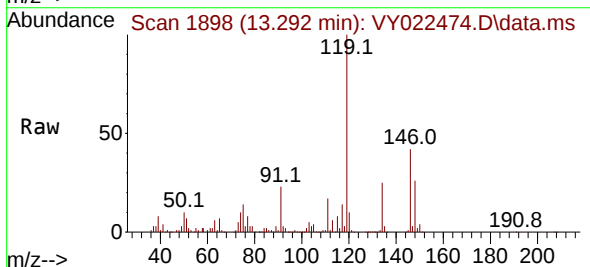
Manual Integrations
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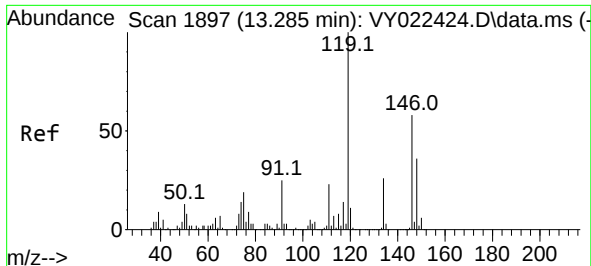
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025



#86
 p-Isopropyltoluene
 Concen: 20.892 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022474.D
 Acq: 30 May 2025 13:14

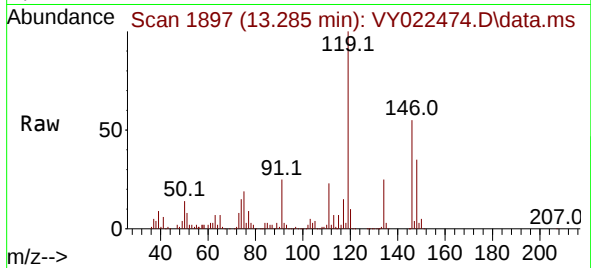
Tgt Ion:119 Resp: 181615
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 23.2 11.6 34.8





#87
 1,3-Dichlorobenzene
 Concen: 20.987 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022474.D
 Acq: 30 May 2025 13:14

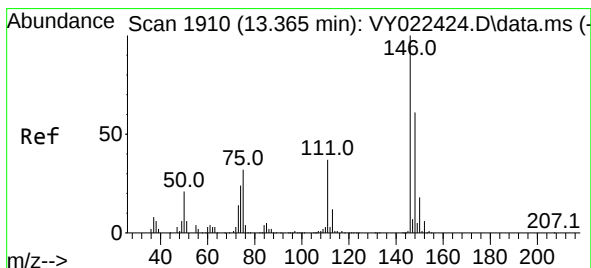
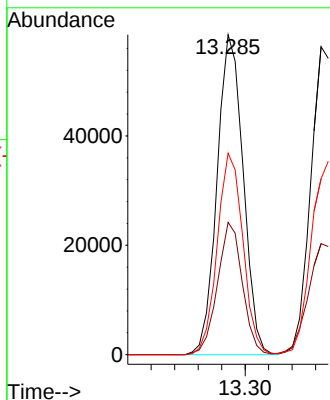
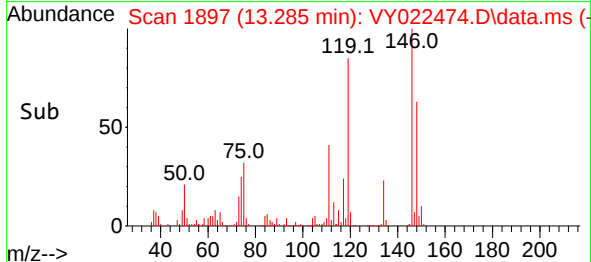
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBS01



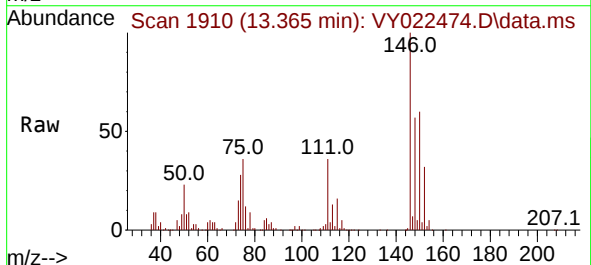
Tgt Ion:146 Resp: 90362
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.8
 148 61.9 31.7 95.1

Manual Integrations
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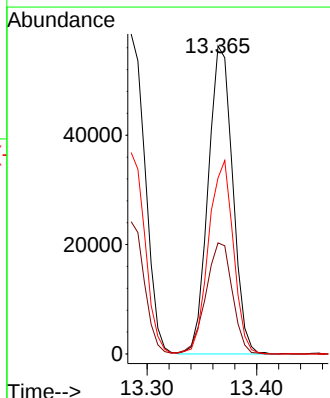
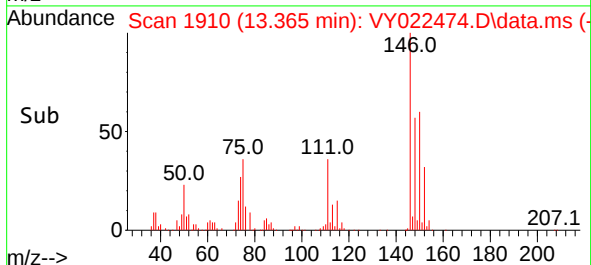
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025

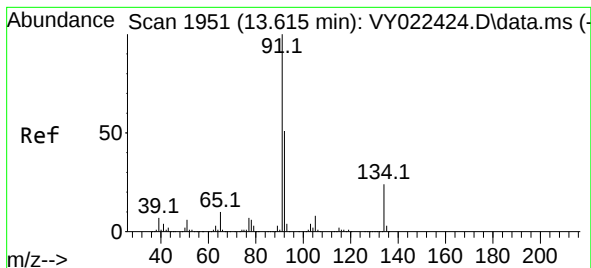


#88
 1,4-Dichlorobenzene
 Concen: 21.264 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022474.D
 Acq: 30 May 2025 13:14



Tgt Ion:146 Resp: 87543
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.7 56.1
 148 63.6 31.4 94.3





#89

n-Butylbenzene

Concen: 21.359 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

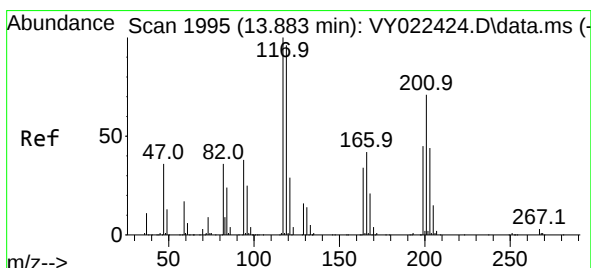
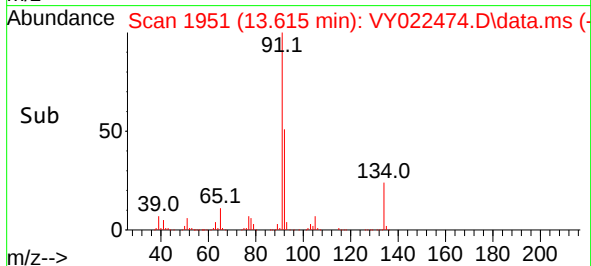
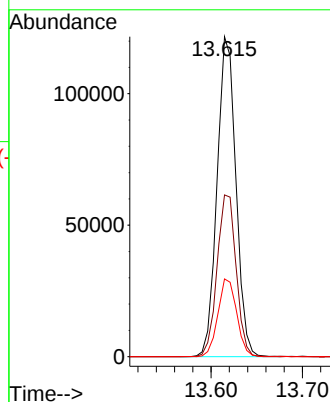
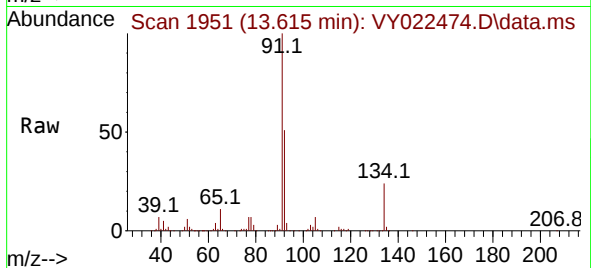
Tgt Ion:	91	Resp:	174090
Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.9	77.6
134	24.3	12.4	37.0

Manual Integrations

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Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#90

Hexachloroethane

Concen: 21.814 ug/l

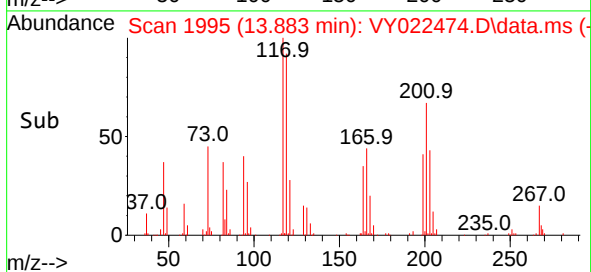
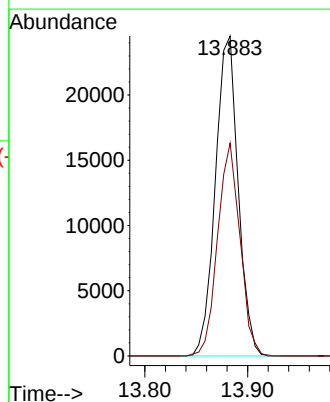
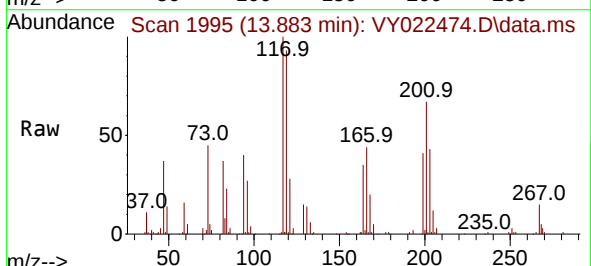
RT: 13.883 min Scan# 1995

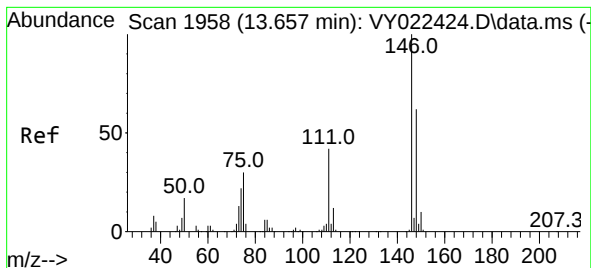
Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Tgt Ion:	117	Resp:	37738
Ion	Ratio	Lower	Upper
117	100		
201	65.2	35.0	105.0





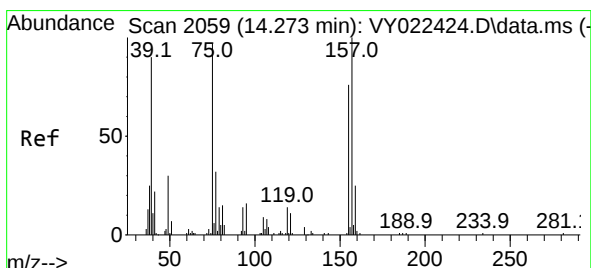
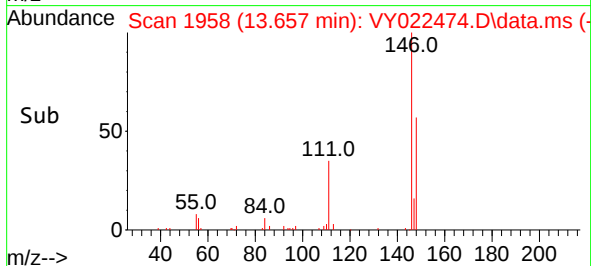
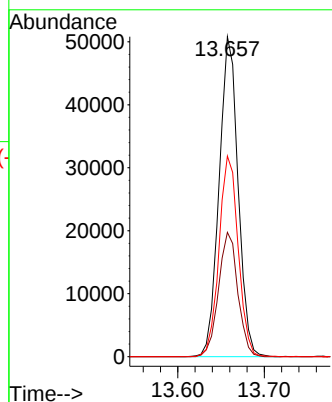
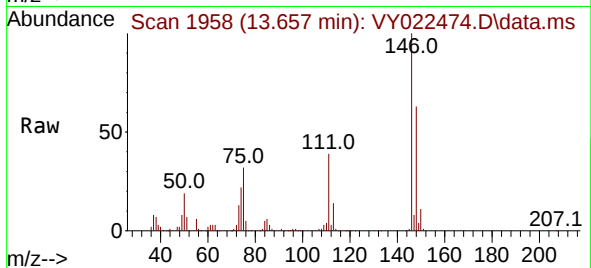
#91
1,2-Dichlorobenzene
Concen: 21.505 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBS01

Tgt Ion:146 Resp: 7733
Ion Ratio Lower Upper
146 100
111 39.5 20.5 61.6
148 63.3 31.9 95.9

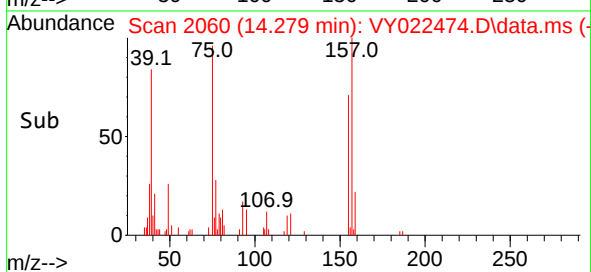
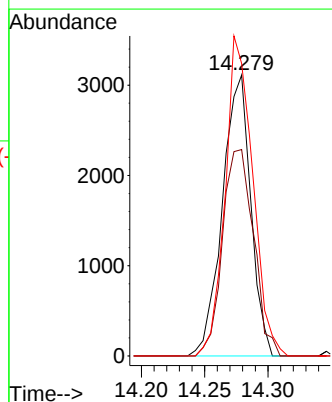
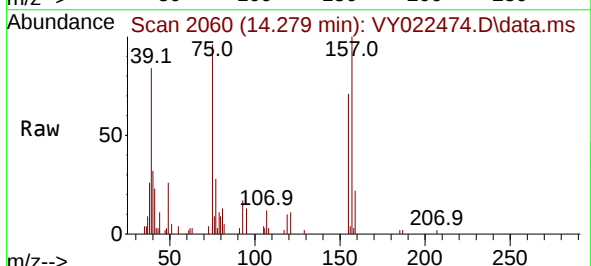
Manual Integrations
APPROVED

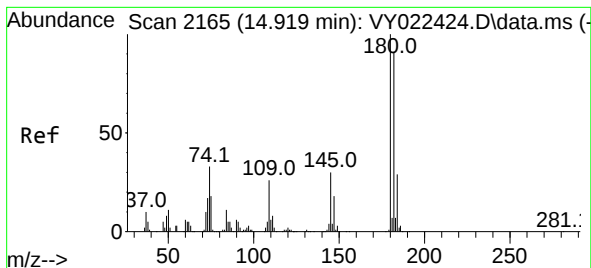
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.001 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022474.D
Acq: 30 May 2025 13:14

Tgt Ion: 75 Resp: 4842
Ion Ratio Lower Upper
75 100
155 80.7 42.3 126.8
157 110.7 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 20.180 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

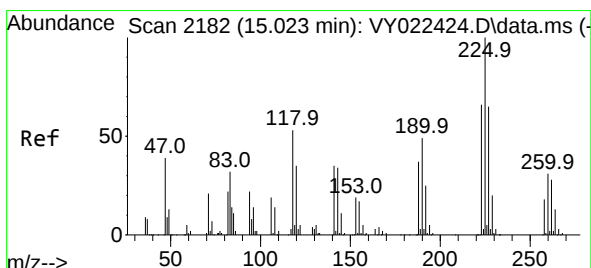
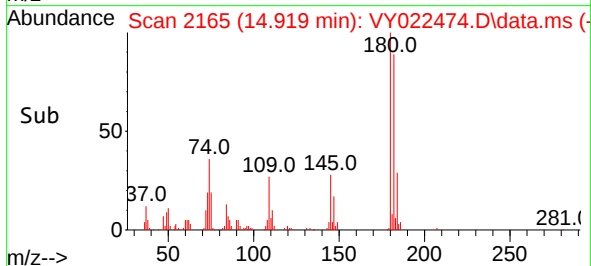
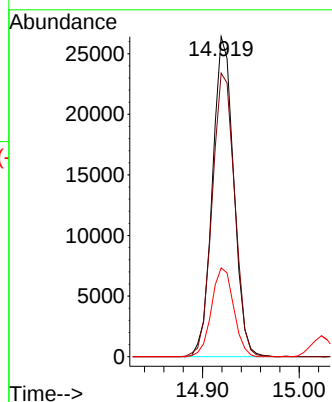
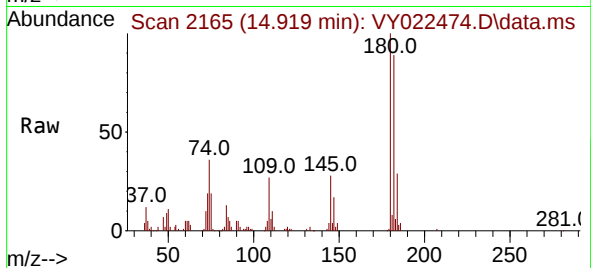
Tgt Ion:180	Resp: 4023
Ion Ratio	Lower Upper
180 100	
182 93.5	46.2 138.6
145 28.9	14.2 42.8

Manual Integrations

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Supervised By :Mahesh Dadoda 06/02/2025



#94

Hexachlorobutadiene

Concen: 21.052 ug/l

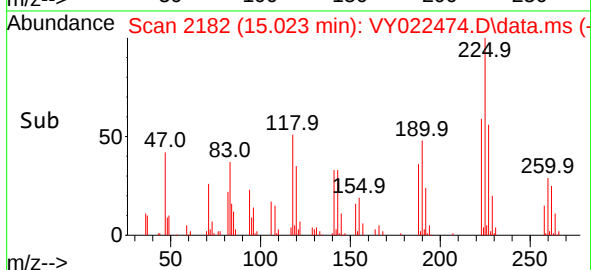
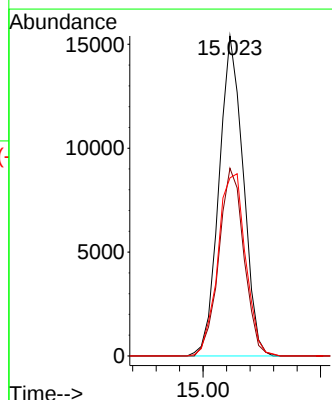
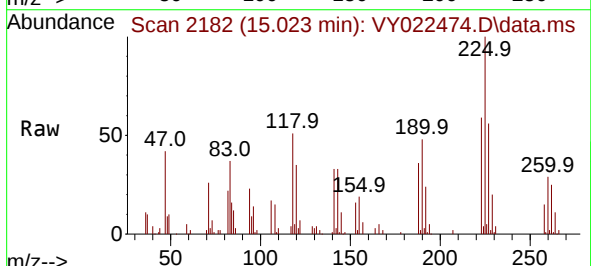
RT: 15.023 min Scan# 2182

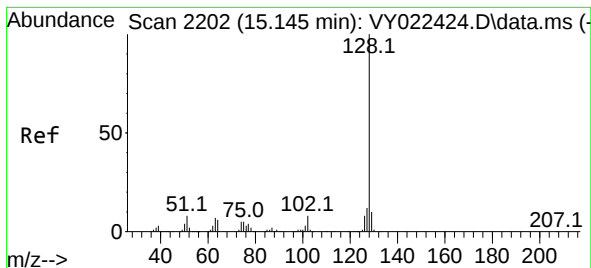
Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Tgt Ion:225	Resp: 22027
Ion Ratio	Lower Upper
225 100	
223 61.0	32.6 97.7
227 65.1	33.0 99.0





#95

Naphthalene

Concen: 19.568 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBS01

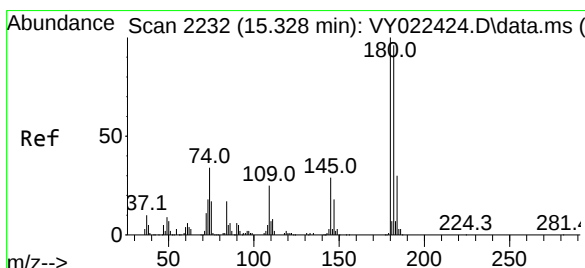
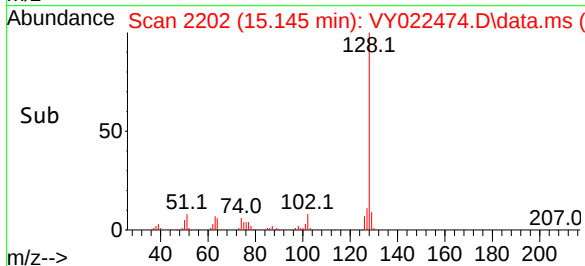
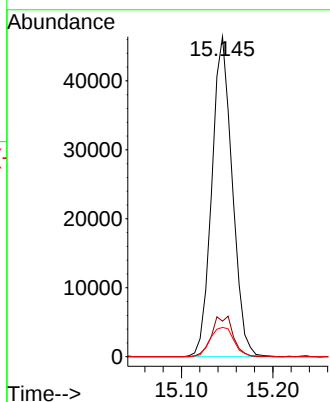
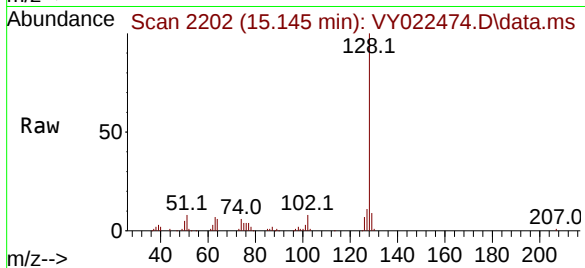
Tgt Ion:128	Resp:	7212
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.2 15.4
129	10.8	8.5 12.7

Manual Integrations

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Supervised By :Mahesh Dadoda 06/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.842 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022474.D

Acq: 30 May 2025 13:14

Tgt Ion:180	Resp:	34078
Ion Ratio	Lower	Upper
180	100	
182	92.7	48.1 144.3
145	30.1	14.9 44.5

