

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021074.D
 Acq On : 05 Feb 2025 09:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/06/2025
 Supervised By :Mahesh Dadoda 02/06/2025

Quant Time: Feb 06 00:24:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	142538	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	216303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	187147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	88650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	77386	52.989	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.980%			
35) Dibromofluoromethane	7.646	113	74512	53.752	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.500%			
50) Toluene-d8	10.115	98	295914	56.072	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.140%			
62) 4-Bromofluorobenzene	12.420	95	94025	54.536	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	67791	53.361	ug/l	98
3) Chloromethane	2.080	50	65209	52.017	ug/l	100
4) Vinyl Chloride	2.214	62	66621	52.798	ug/l	99
5) Bromomethane	2.610	94	39785	51.015	ug/l	98
6) Chloroethane	2.751	64	39220	52.215	ug/l	100
7) Trichlorofluoromethane	3.074	101	119512	51.989	ug/l	99
8) Diethyl Ether	3.470	74	33640	46.877	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.836	101	74323	51.515	ug/l	95
10) Methyl Iodide	4.025	142	80273	50.081	ug/l	93
11) Tert butyl alcohol	4.878	59	18913	191.106	ug/l	96
12) 1,1-Dichloroethene	3.811	96	69461	51.109	ug/l	94
13) Acrolein	3.665	56	29501	193.581	ug/l	96
14) Allyl chloride	4.403	41	118247	51.625	ug/l	94
15) Acrylonitrile	5.080	53	70728	236.680	ug/l	99
16) Acetone	3.885	43	56925	249.947	ug/l	96
17) Carbon Disulfide	4.128	76	221531	51.982	ug/l	99
18) Methyl Acetate	4.403	43	38210	47.793	ug/l	97
19) Methyl tert-butyl Ether	5.134	73	161011	46.872	ug/l	98
20) Methylene Chloride	4.641	84	70002	49.443	ug/l	94
21) trans-1,2-Dichloroethene	5.134	96	76859	51.377	ug/l	92
22) Diisopropyl ether	6.037	45	243778	51.635	ug/l	97
23) Vinyl Acetate	5.976	43	658944	250.368	ug/l	98
24) 1,1-Dichloroethane	5.933	63	140379	50.750	ug/l	98
25) 2-Butanone	6.908	43	89638	239.512	ug/l	99
26) 2,2-Dichloropropane	6.896	77	132125	51.623	ug/l	97
27) cis-1,2-Dichloroethene	6.908	96	86701	50.351	ug/l	93
28) Bromochloromethane	7.262	49	60973	55.745	ug/l	99
29) Tetrahydrofuran	7.274	42	59276	234.067	ug/l	96
30) Chloroform	7.439	83	143244	50.416	ug/l	99
31) Cyclohexane	7.713	56	124978	50.173	ug/l	99
32) 1,1,1-Trichloroethane	7.634	97	136174	51.551	ug/l	99
36) 1,1-Dichloropropene	7.847	75	106633	51.934	ug/l	98
37) Ethyl Acetate	7.000	43	42858	47.581	ug/l #	97
38) Carbon Tetrachloride	7.835	117	126635	52.784	ug/l	97
39) Methylcyclohexane	9.121	83	136415	54.317	ug/l	97
40) Benzene	8.091	78	312752	51.905	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	27638m	53.037	ug/l	
42) 1,2-Dichloroethane	8.170	62	82833	49.557	ug/l	97
43) Isopropyl Acetate	8.207	43	85476	47.758	ug/l	98
44) Trichloroethene	8.878	130	79974	51.373	ug/l	95
45) 1,2-Dichloropropane	9.152	63	73894	51.669	ug/l	97
46) Dibromomethane	9.243	93	39073	49.344	ug/l	97
47) Bromodichloromethane	9.432	83	107714	50.721	ug/l	96
48) Methyl methacrylate	9.231	41	41509	50.915	ug/l	92
49) 1,4-Dioxane	9.243	88	7138	968.327	ug/l	98
51) 4-Methyl-2-Pentanone	10.005	43	217703	241.887	ug/l	95
52) Toluene	10.182	92	198421	52.445	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	96191	50.444	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	114954	50.914	ug/l #	90
55) 1,1,2-Trichloroethane	10.585	97	50685	49.430	ug/l	97
56) Ethyl methacrylate	10.451	69	66990	48.836	ug/l	91
57) 1,3-Dichloropropane	10.731	76	87603	49.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	158797	243.329	ug/l	99
59) 2-Hexanone	10.774	43	139543	240.804	ug/l	96
60) Dibromochloromethane	10.920	129	71209	49.451	ug/l	98
61) 1,2-Dibromoethane	11.024	107	46590	48.508	ug/l	99
64) Tetrachloroethene	10.658	164	72004	51.828	ug/l	96
65) Chlorobenzene	11.450	112	210499	50.514	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.530	131	74521	50.322	ug/l	98
67) Ethyl Benzene	11.530	91	386948	52.499	ug/l	97
68) m/p-Xylenes	11.639	106	292165	105.959	ug/l	99
69) o-Xylene	11.969	106	134276	52.233	ug/l	99
70) Styrene	11.981	104	225039	52.522	ug/l	98
71) Bromoform	12.145	173	40318	48.912	ug/l #	99
73) Isopropylbenzene	12.267	105	370718	53.535	ug/l	99
74) N-amyl acetate	12.078	43	72960	48.191	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.517	83	55283	48.002	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	38471m	47.840	ug/l	
77) Bromobenzene	12.542	156	80496	50.373	ug/l	93
78) n-propylbenzene	12.609	91	445428	53.997	ug/l	99
79) 2-Chlorotoluene	12.688	91	243682	51.577	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	298980	53.252	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	18733	47.533	ug/l	92
82) 4-Chlorotoluene	12.792	91	253047	52.568	ug/l	99
83) tert-Butylbenzene	13.011	119	271959	53.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	292400	53.264	ug/l	100
85) sec-Butylbenzene	13.188	105	396688	54.001	ug/l	98
86) p-Isopropyltoluene	13.304	119	328413	53.819	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	158333	51.315	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	153907	50.659	ug/l	99
89) n-Butylbenzene	13.627	91	305103	54.807	ug/l	99
90) Hexachloroethane	13.895	117	67228	52.810	ug/l	86
91) 1,2-Dichlorobenzene	13.669	146	132369	49.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	7753	45.049	ug/l	97
93) 1,2,4-Trichlorobenzene	14.931	180	72796	48.834	ug/l	98
94) Hexachlorobutadiene	15.035	225	50850	51.475	ug/l	99
95) Naphthalene	15.157	128	112423	47.139	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	58522	47.174	ug/l	97

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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

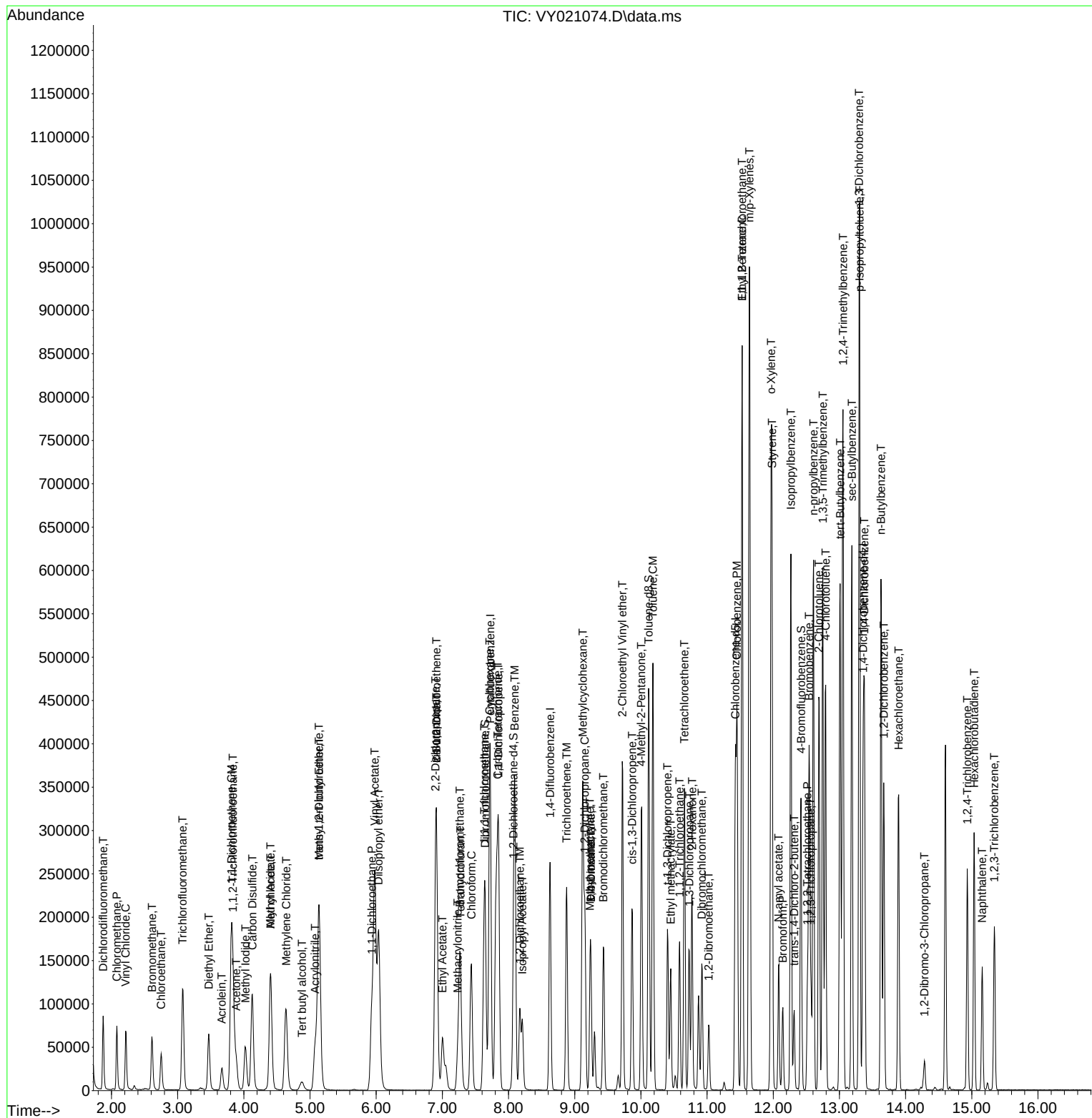
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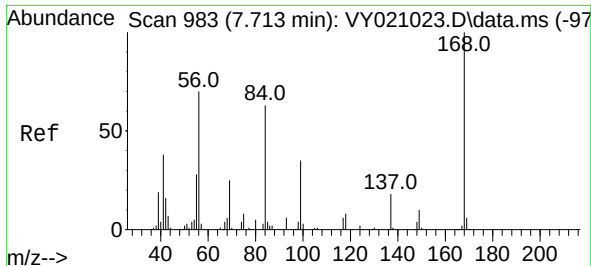
Instrument :
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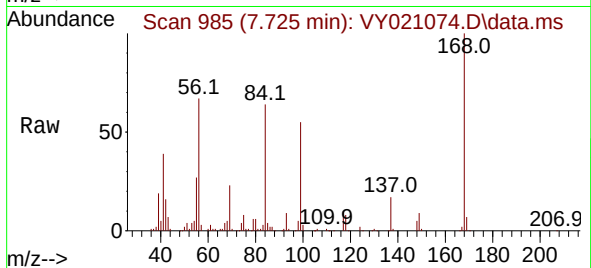
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY021074.D
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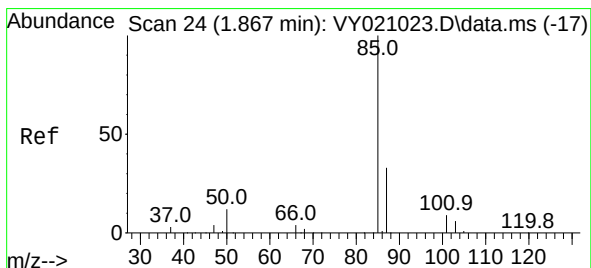
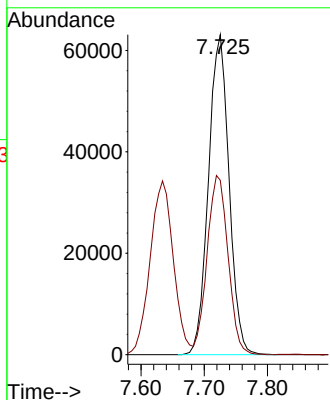
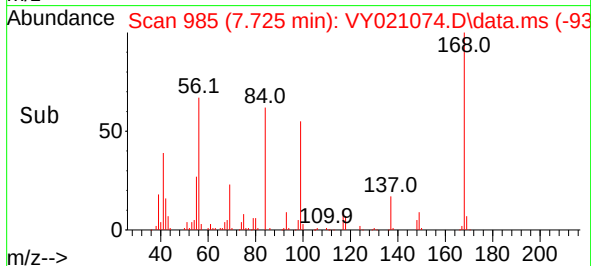
Instrument :
MSVOA_Y
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VSTDCCC050



Tgt Ion:168 Resp: 142538
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4

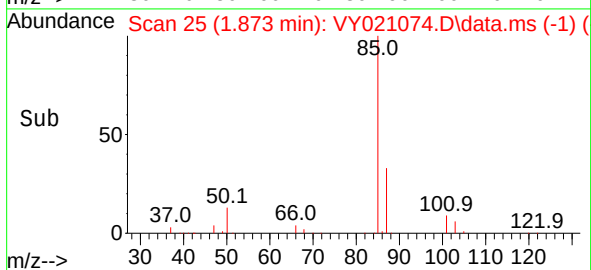
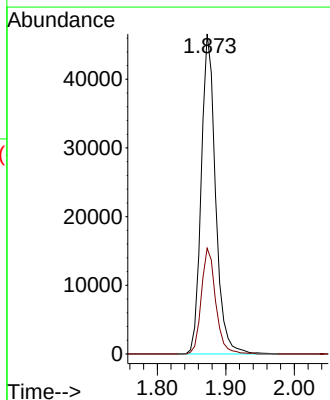
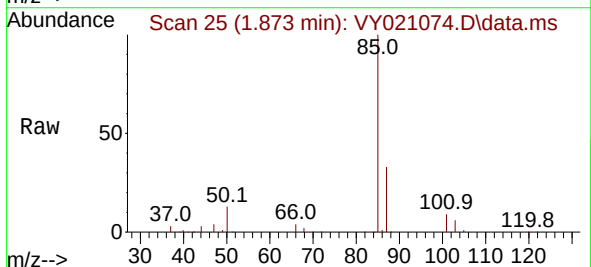
Manual Integrations
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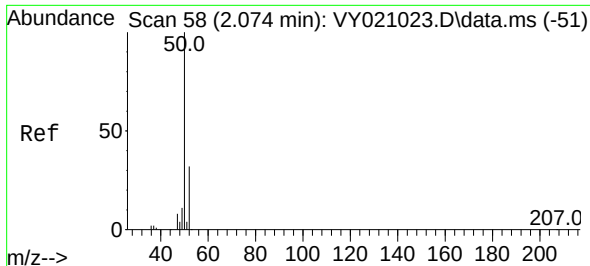
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#2
Dichlorodifluoromethane
Concen: 53.361 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

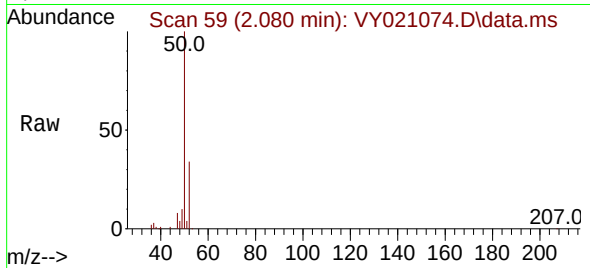
Tgt Ion: 85 Resp: 67791
Ion Ratio Lower Upper
85 100
87 33.1 17.1 51.3





#3
Chloromethane
Concen: 52.017 ug/l
RT: 2.080 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

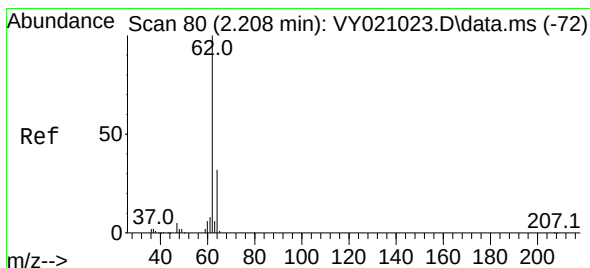
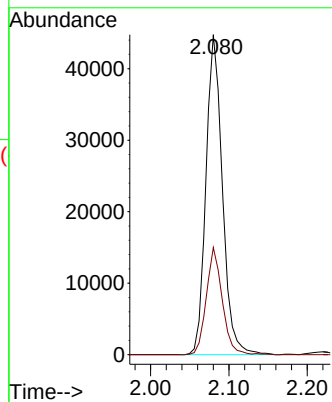
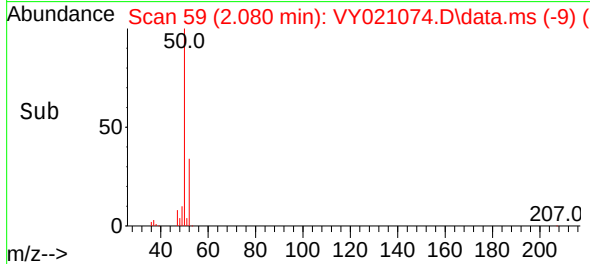
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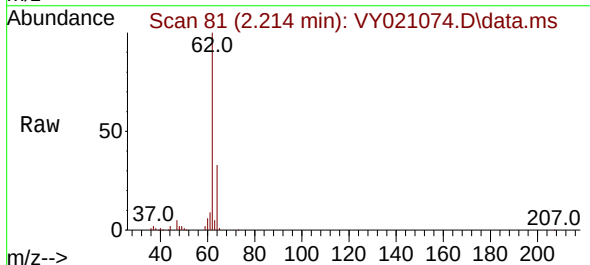
Tgt Ion: 50 Resp: 65209
Ion Ratio Lower Upper
50 100
52 33.5 26.7 40.1

Manual Integrations
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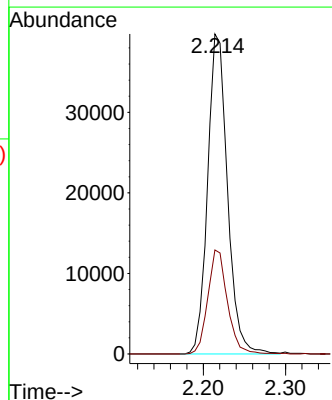
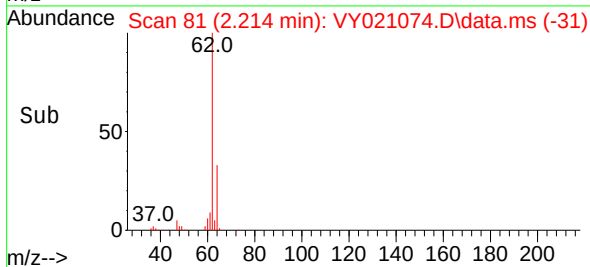
Reviewed By :Romaben Patel 02/06/2025
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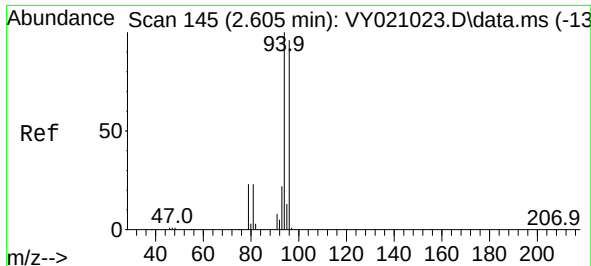


#4
Vinyl Chloride
Concen: 52.798 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



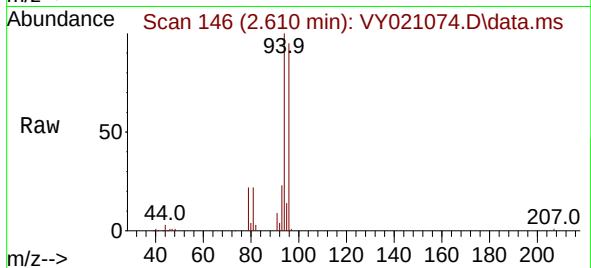
Tgt Ion: 62 Resp: 66621
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5





#5
Bromomethane
Concen: 51.015 ug/l
RT: 2.610 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

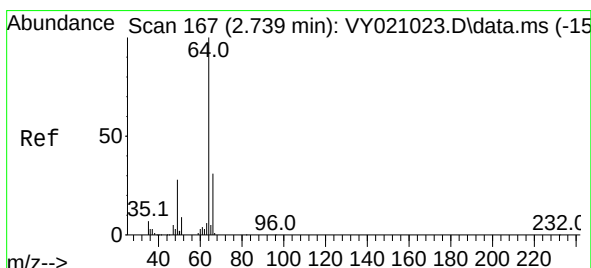
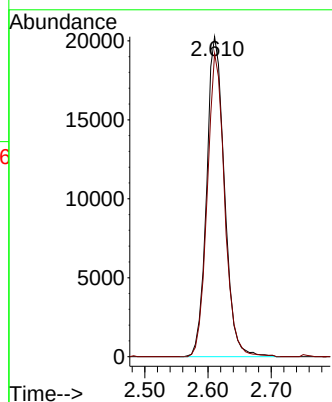
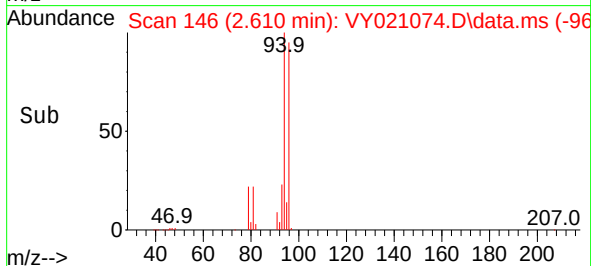
Instrument :
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Tgt Ion: 94 Resp: 39785
Ion Ratio Lower Upper
94 100
96 94.7 77.3 115.9

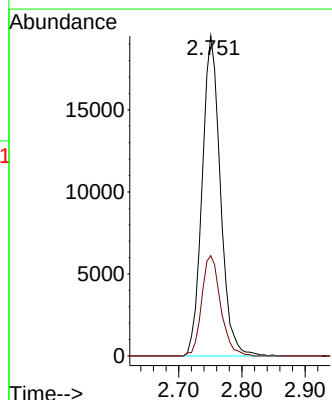
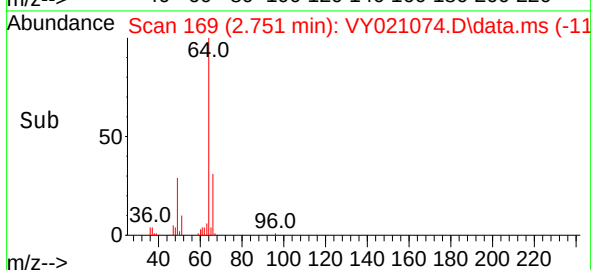
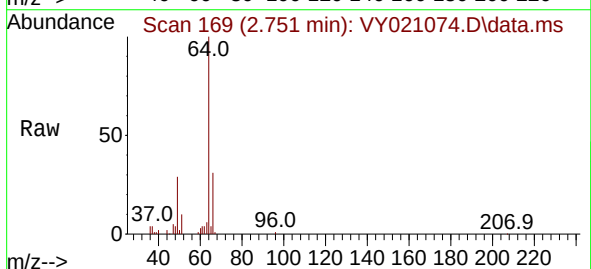
Manual Integrations
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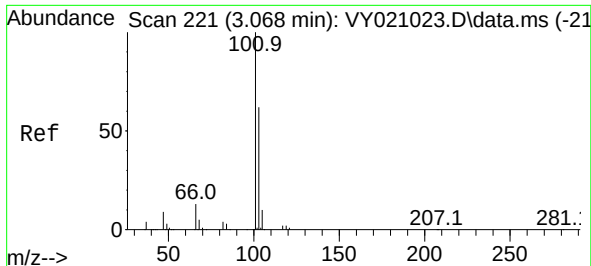
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#6
Chloroethane
Concen: 52.215 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

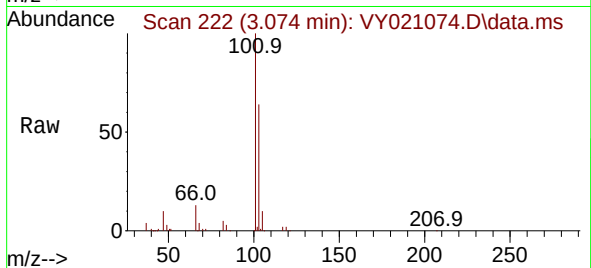
Tgt Ion: 64 Resp: 39220
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 51.989 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY021074.D
 Acq: 05 Feb 2025 09:16

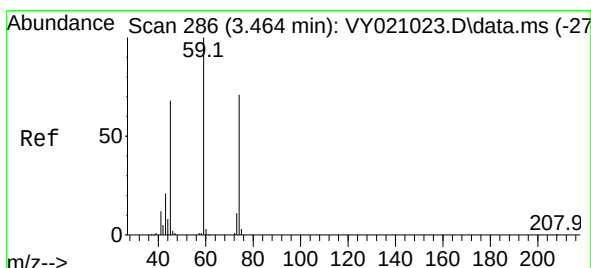
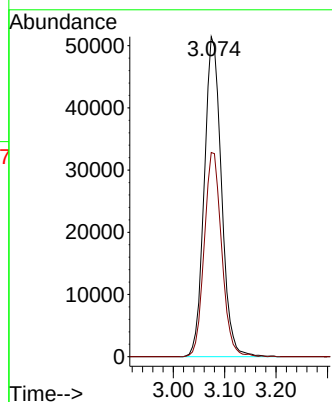
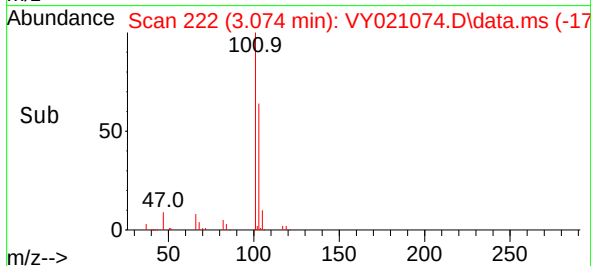
Instrument :
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Tgt Ion:101 Resp: 119512
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.9 77.9

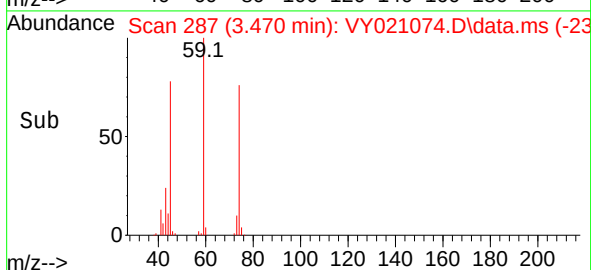
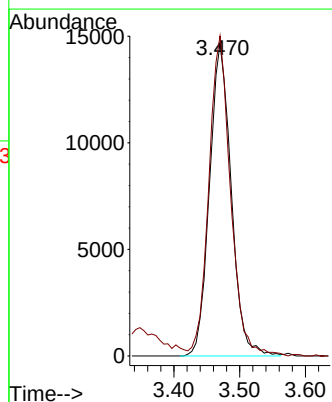
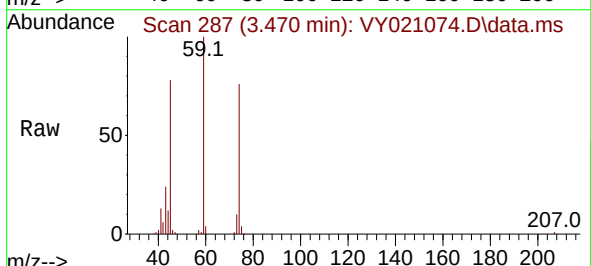
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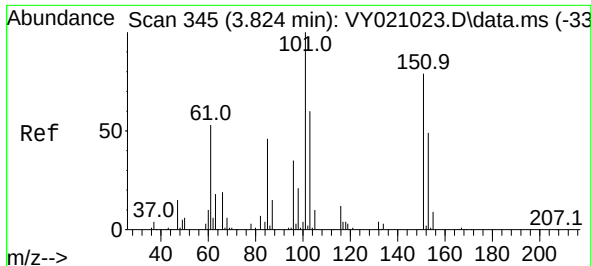
Reviewed By :Romaben Patel 02/06/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#8
 Diethyl Ether
 Concen: 46.877 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VY021074.D
 Acq: 05 Feb 2025 09:16

Tgt Ion: 74 Resp: 33640
 Ion Ratio Lower Upper
 74 100
 45 102.7 47.9 143.7





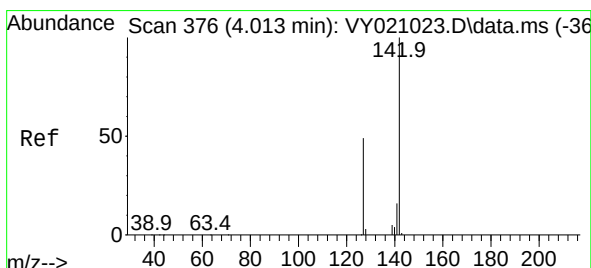
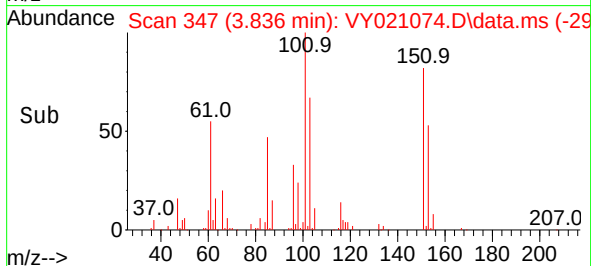
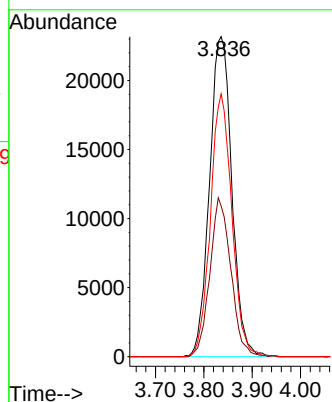
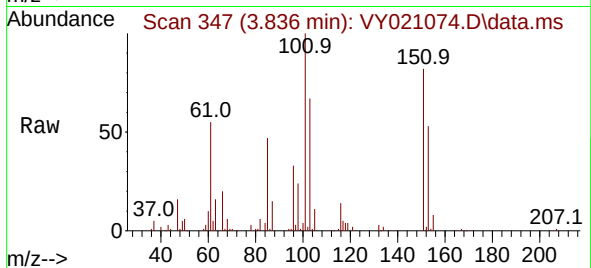
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.515 ug/l
RT: 3.836 min Scan# 345
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7432
Ion Ratio Lower Upper
101 100
85 46.5 35.8 53.6
151 78.9 58.6 88.0

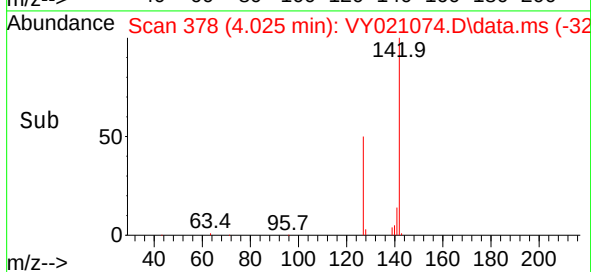
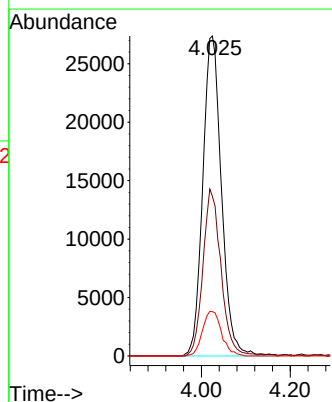
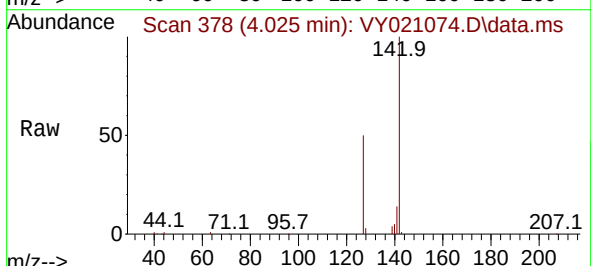
Manual Integrations
APPROVED

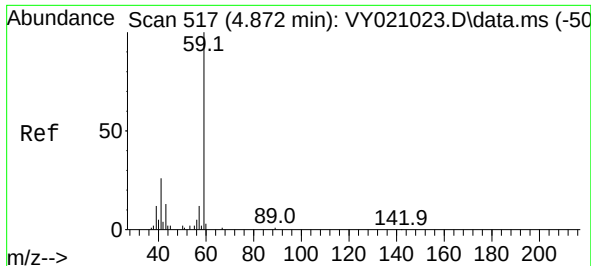
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#10
Methyl Iodide
Concen: 50.081 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Tgt Ion:142 Resp: 80273
Ion Ratio Lower Upper
142 100
127 50.1 35.1 52.7
141 14.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 191.106 ug/l

RT: 4.878 min Scan# 517

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 1891

Ion Ratio Lower Upper

59 100

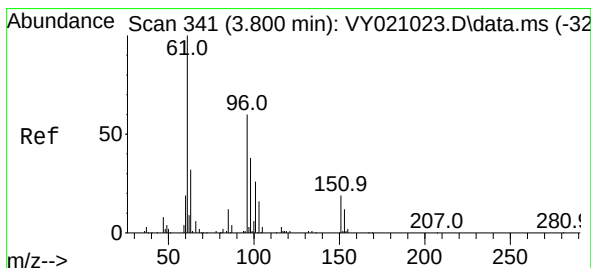
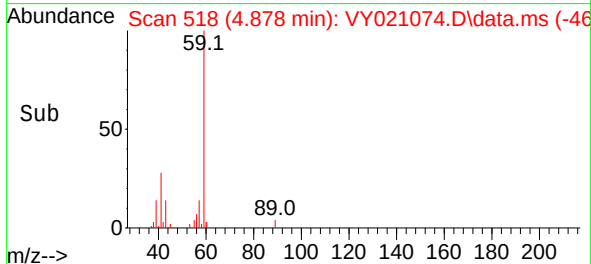
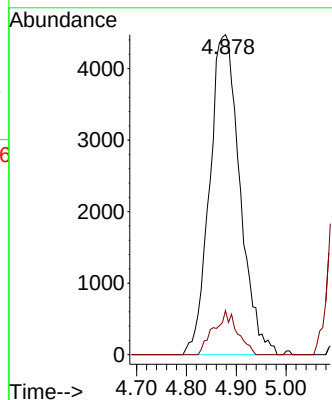
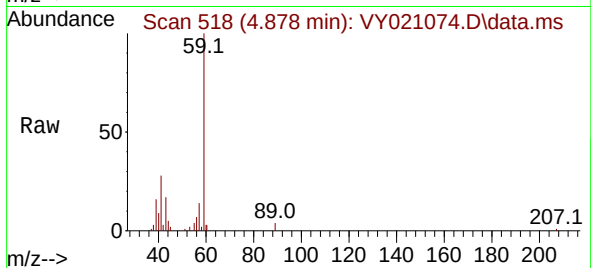
57 10.6 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025

Supervised By :Mahesh Dadoda 02/06/2025



#12

1,1-Dichloroethene

Concen: 51.109 ug/l

RT: 3.811 min Scan# 343

Delta R.T. 0.012 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

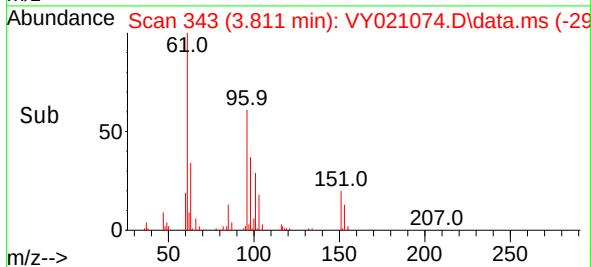
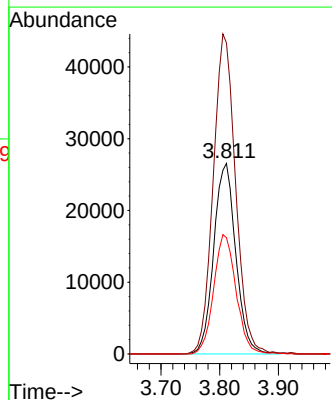
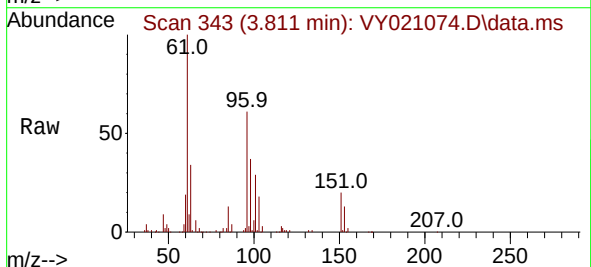
Tgt Ion: 96 Resp: 69461

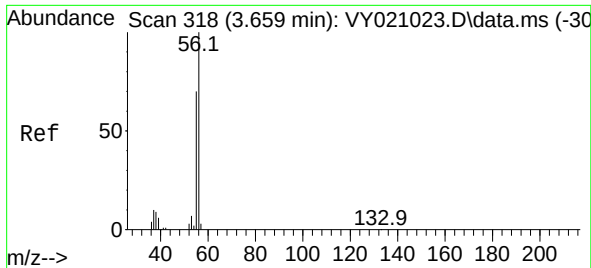
Ion Ratio Lower Upper

96 100

61 163.2 124.2 186.2

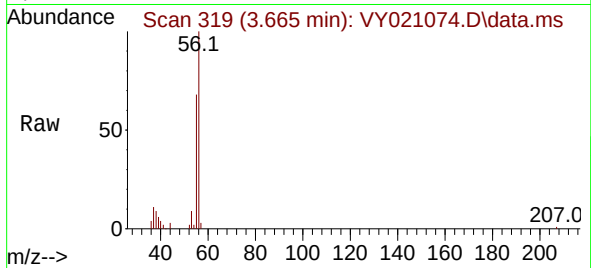
98 61.0 52.6 79.0





#13
Acrolein
Concen: 193.581 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

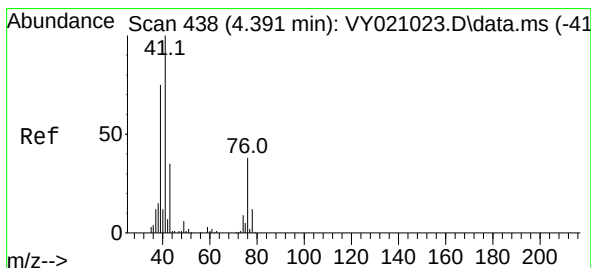
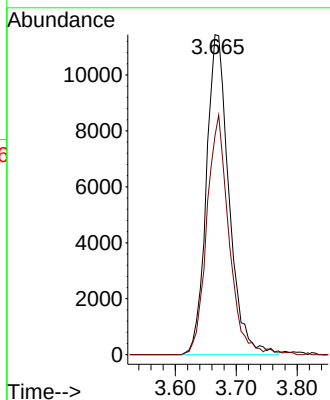
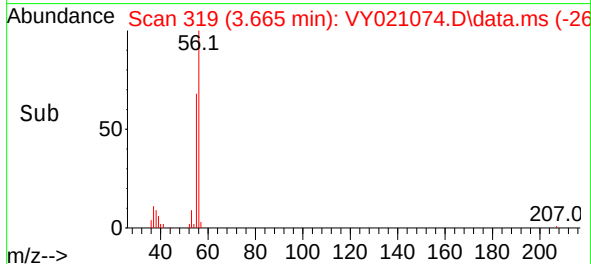
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



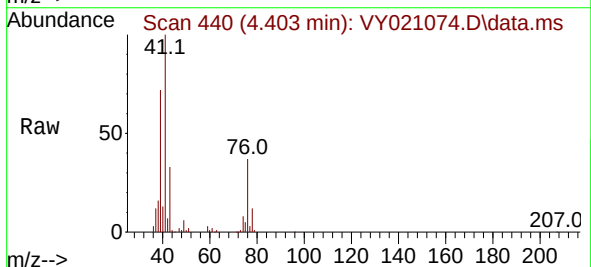
Tgt Ion: 56 Resp: 2950
Ion Ratio Lower Upper
56 100
55 72.6 55.4 83.0

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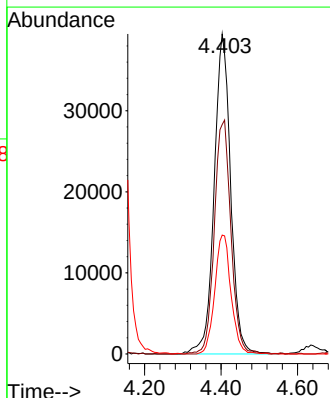
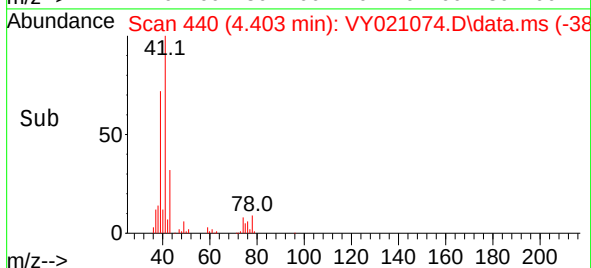
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

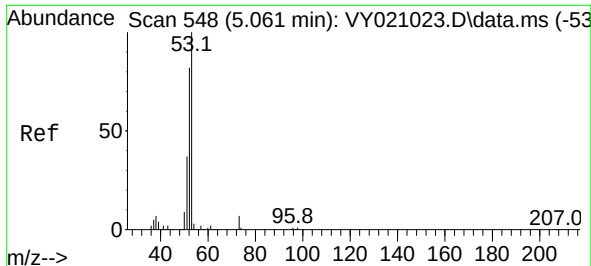


#14
Allyl chloride
Concen: 51.625 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



Tgt Ion: 41 Resp: 118247
Ion Ratio Lower Upper
41 100
39 73.3 54.7 82.1
76 36.6 31.8 47.6





#15

Acrylonitrile

Concen: 236.680 ug/l

RT: 5.080 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY021074.D

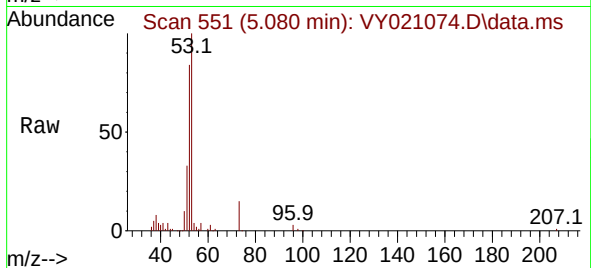
Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

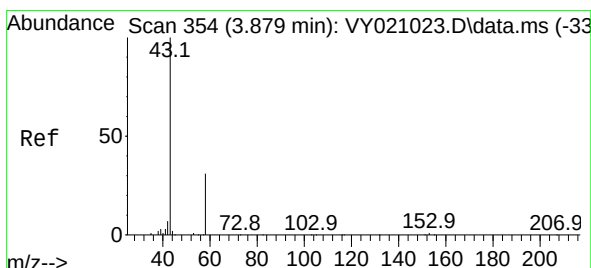
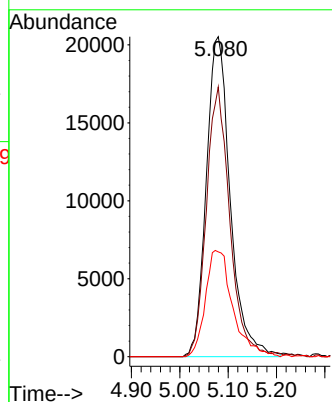
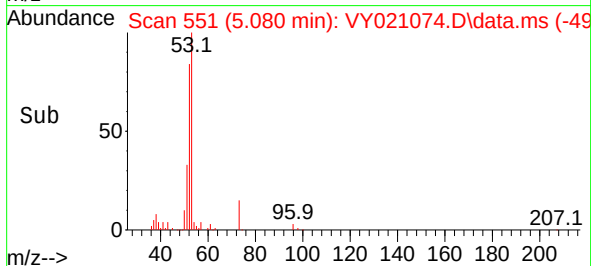


Tgt Ion: 53	Resp: 70728
Ion Ratio	Lower Upper
53	100
52	82.0 65.1 97.7
51	37.7 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#16

Acetone

Concen: 249.947 ug/l

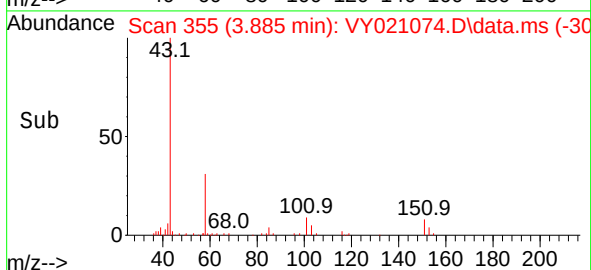
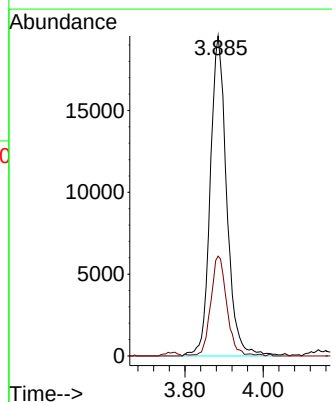
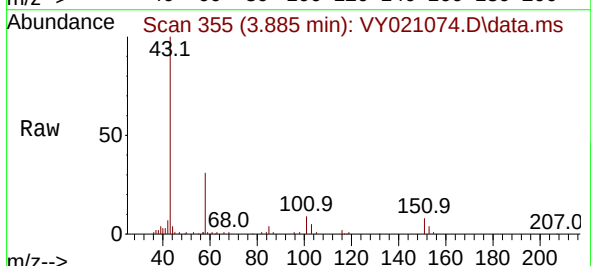
RT: 3.885 min Scan# 355

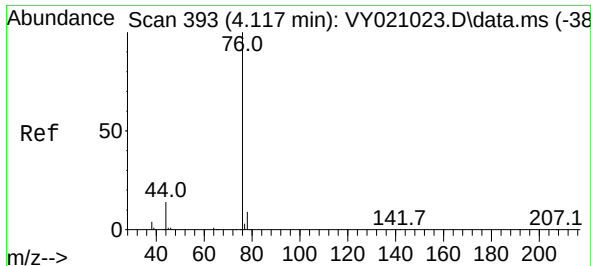
Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

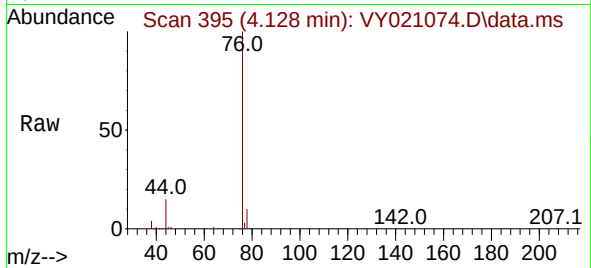
Tgt Ion: 43	Resp: 56925
Ion Ratio	Lower Upper
43	100
58	31.2 26.6 39.8





#17
Carbon Disulfide
Concen: 51.982 ug/l
RT: 4.128 min Scan# 395
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

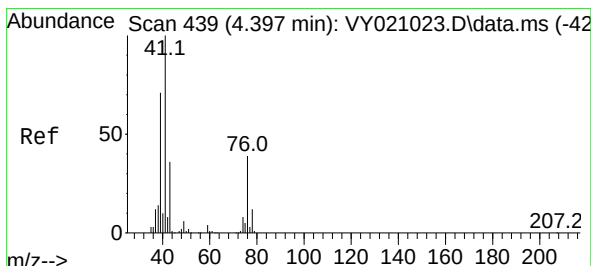
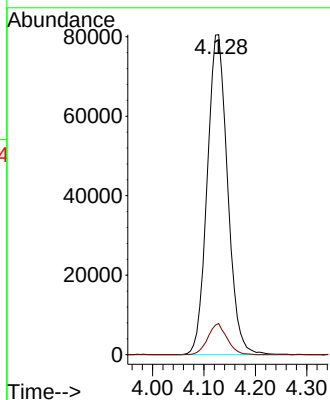
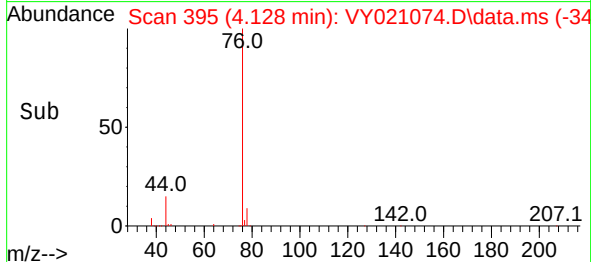
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



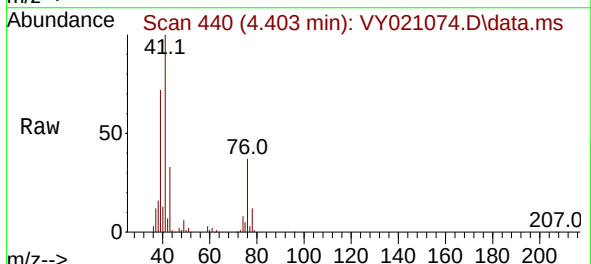
Tgt Ion: 76 Resp: 22153
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

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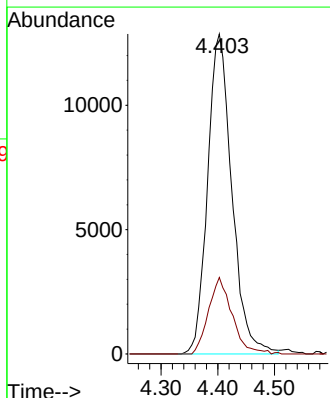
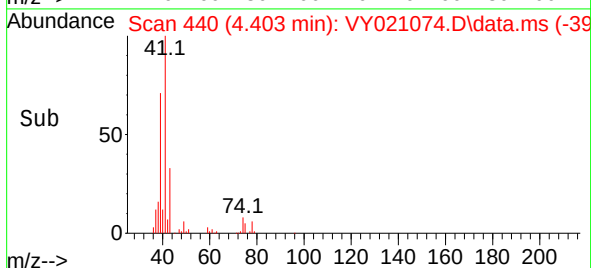
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

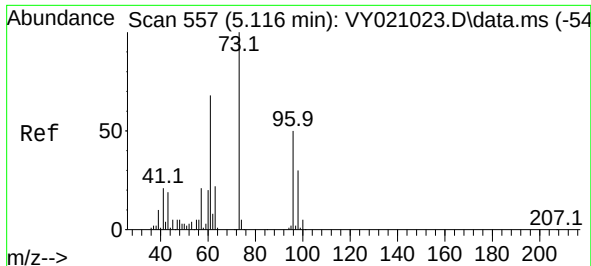


#18
Methyl Acetate
Concen: 47.793 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



Tgt Ion: 43 Resp: 38210
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 46.872 ug/l

RT: 5.134 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 16101

Ion Ratio Lower Upper

73 100

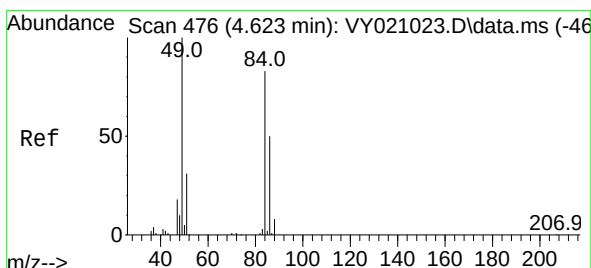
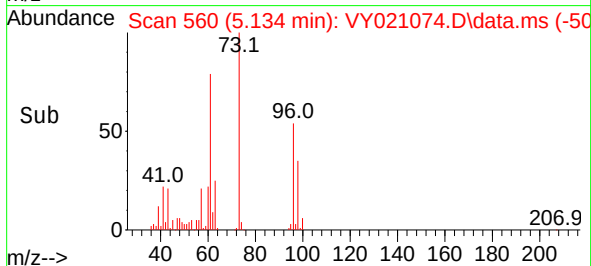
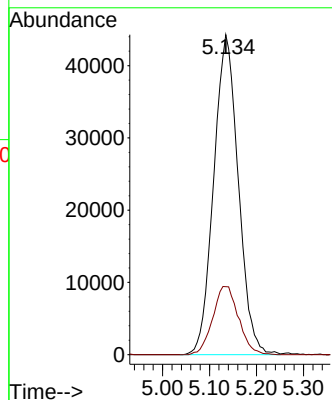
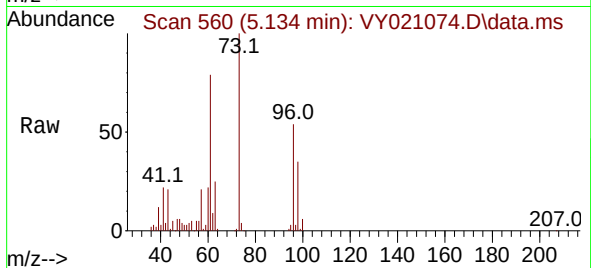
57 21.3 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025

Supervised By :Mahesh Dadoda 02/06/2025



#20

Methylene Chloride

Concen: 49.443 ug/l

RT: 4.641 min Scan# 479

Delta R.T. 0.018 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Tgt Ion: 84 Resp: 70002

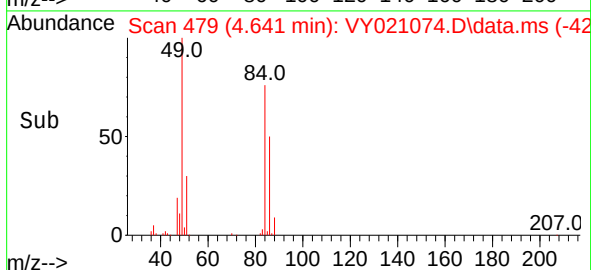
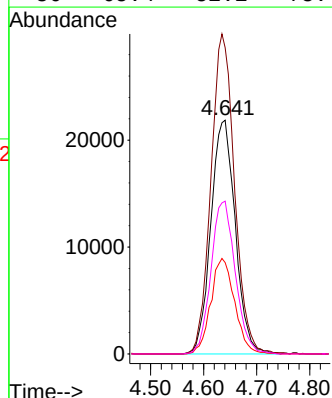
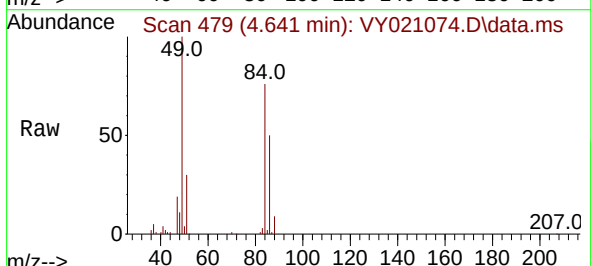
Ion Ratio Lower Upper

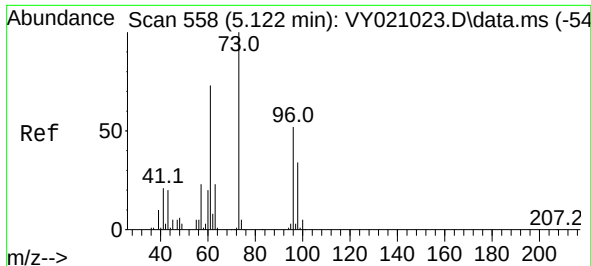
84 100

49 131.0 95.2 142.8

51 39.1 29.9 44.9

86 65.4 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 51.377 ug/l
RT: 5.134 min Scan# 5134
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

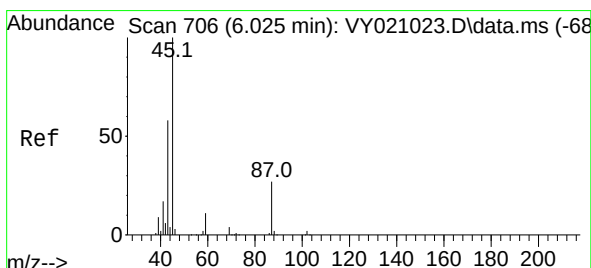
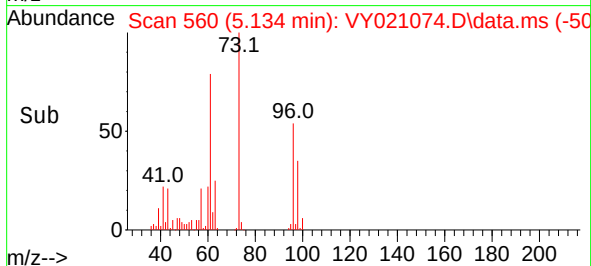
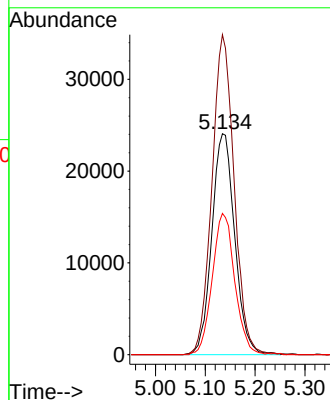
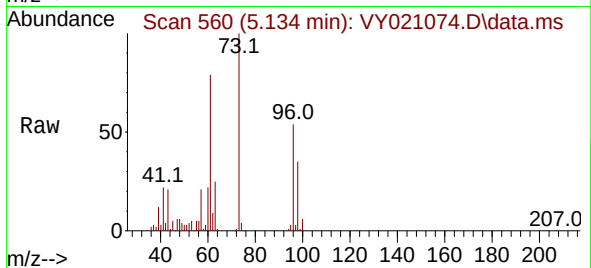
VSTDCCC050

Tgt Ion: 96 Resp: 7685
Ion Ratio Lower Upper
96 100
61 144.8 104.6 156.8
98 63.9 50.9 76.3

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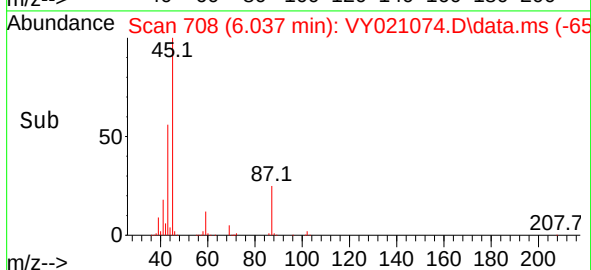
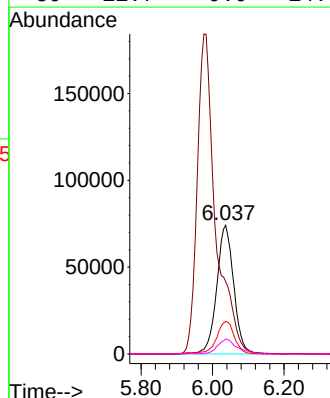
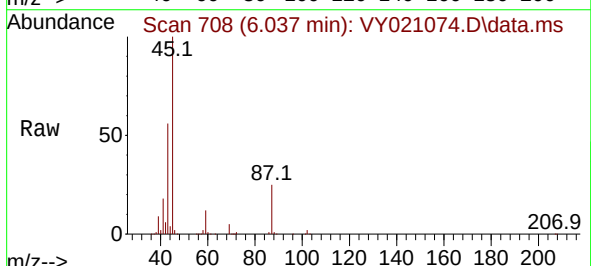
APPROVED

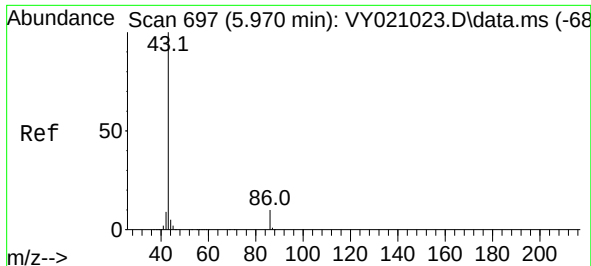
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#22
Diisopropyl ether
Concen: 51.635 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

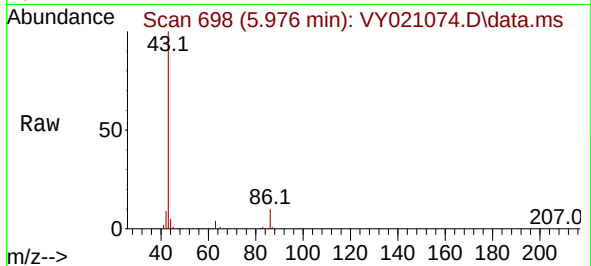
Tgt Ion: 45 Resp: 243778
Ion Ratio Lower Upper
45 100
43 56.1 46.8 70.2
87 25.3 22.2 33.2
59 11.7 9.9 14.9





#23
 Vinyl Acetate
 Concen: 250.368 ug/l
 RT: 5.976 min Scan# 604
 Delta R.T. 0.006 min
 Lab File: VY021074.D
 Acq: 05 Feb 2025 09:16

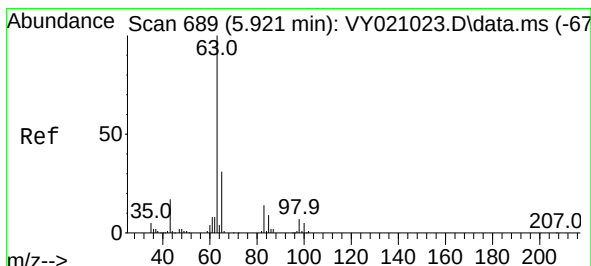
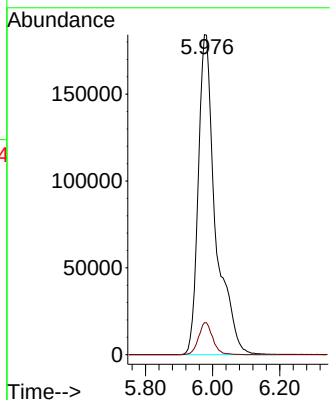
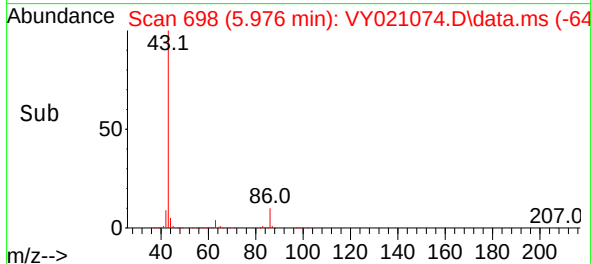
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 65894
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 13.0

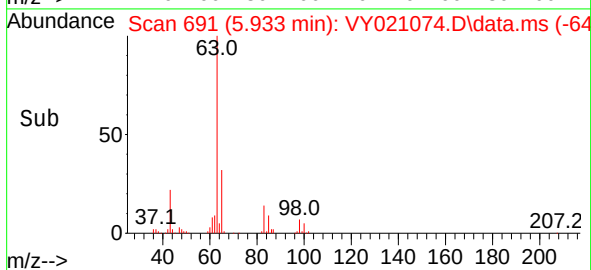
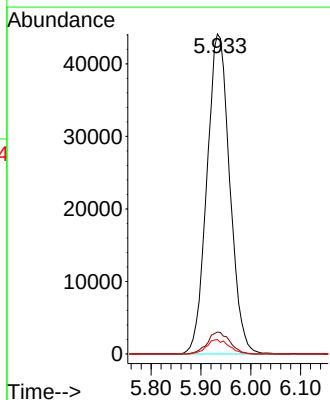
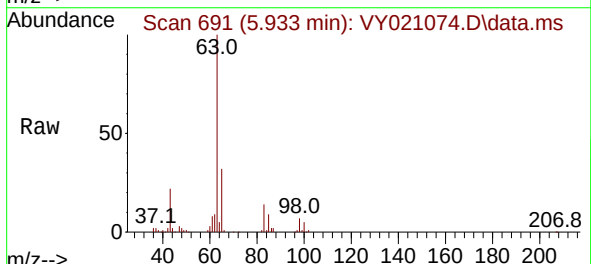
Manual Integrations
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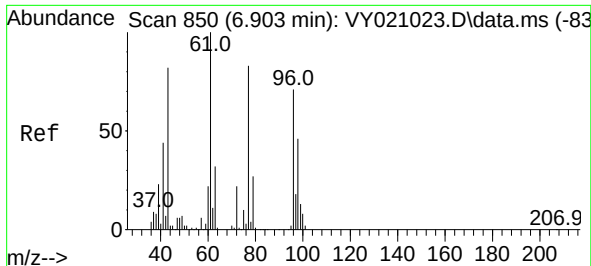
Reviewed By :Romaben Patel 02/06/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#24
 1,1-Dichloroethane
 Concen: 50.750 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY021074.D
 Acq: 05 Feb 2025 09:16

Tgt Ion: 63 Resp: 140379
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 239.512 ug/l

RT: 6.908 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY021074.D

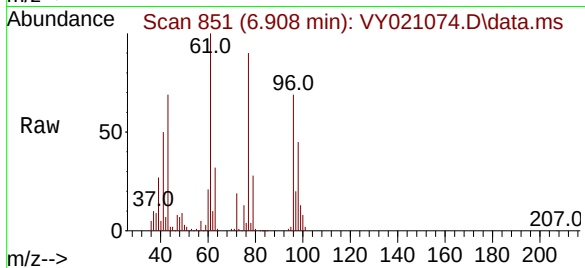
Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 89638

Ion Ratio Lower Upper

43 100

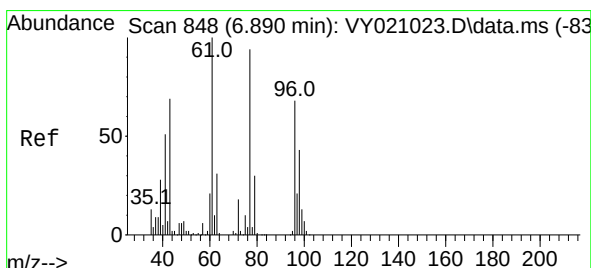
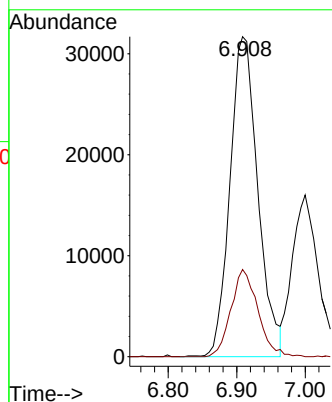
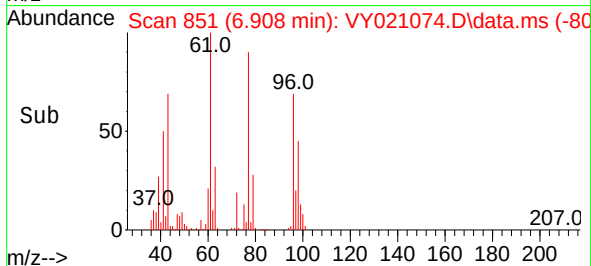
72 27.2 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025

Supervised By :Mahesh Dadoda 02/06/2025



#26

2,2-Dichloropropane

Concen: 51.623 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021074.D

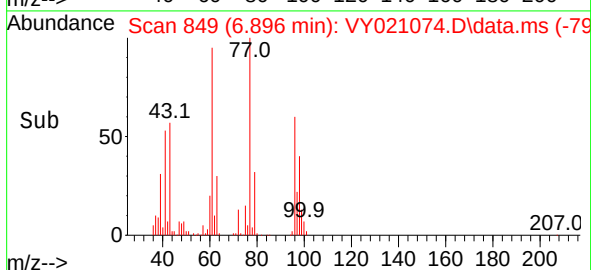
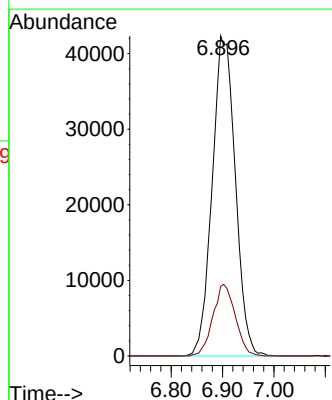
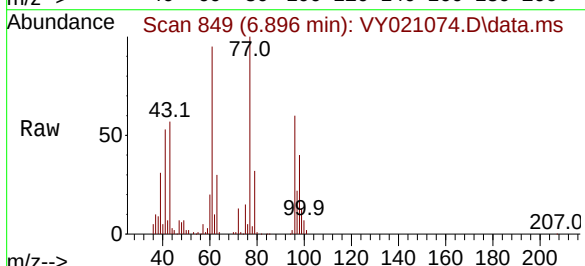
Acq: 05 Feb 2025 09:16

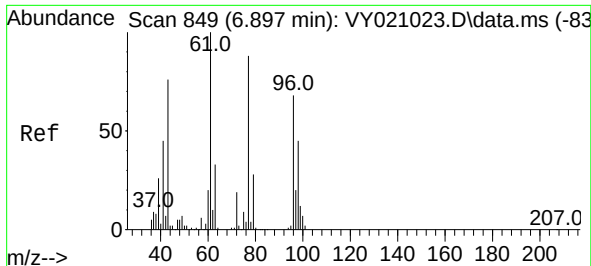
Tgt Ion: 77 Resp: 132125

Ion Ratio Lower Upper

77 100

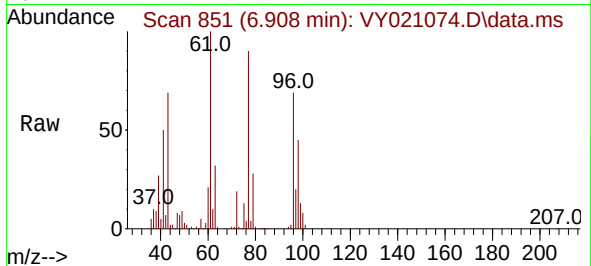
97 21.7 11.7 35.0





#27
cis-1,2-Dichloroethene
Concen: 50.351 ug/l
RT: 6.908 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

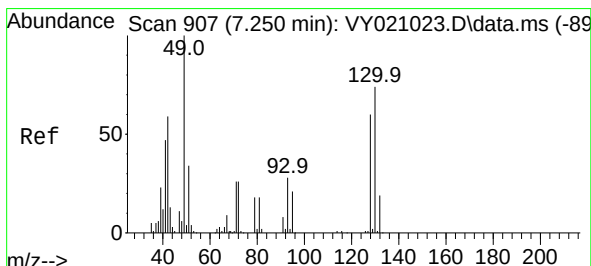
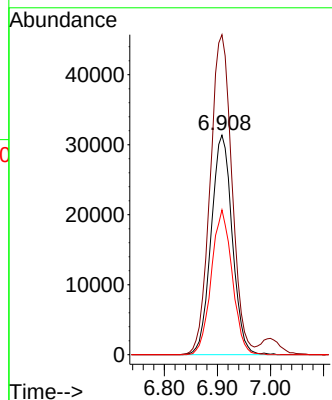
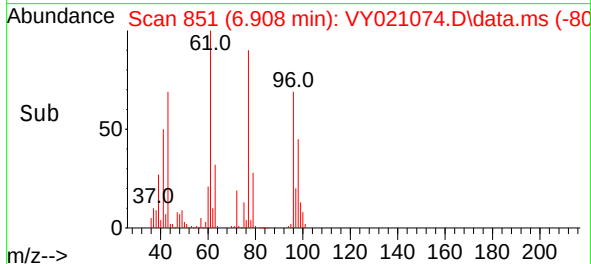
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 8670
Ion Ratio Lower Upper
96 100
61 150.4 0.0 278.8
98 65.0 0.0 127.0

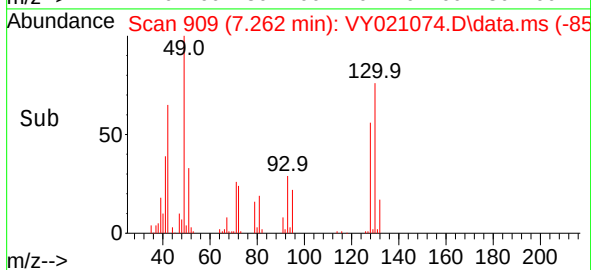
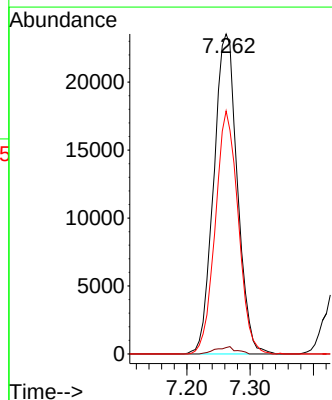
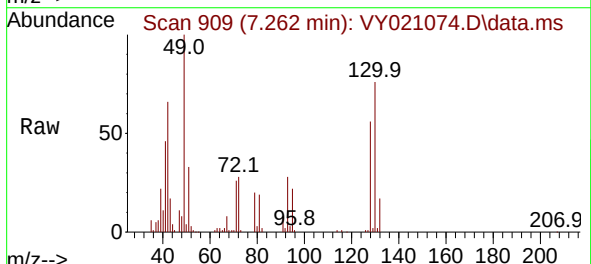
Manual Integrations
APPROVED

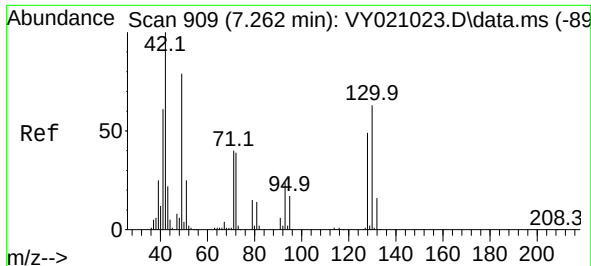
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#28
Bromochloromethane
Concen: 55.745 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Tgt Ion: 49 Resp: 60973
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 73.7 59.8 89.8





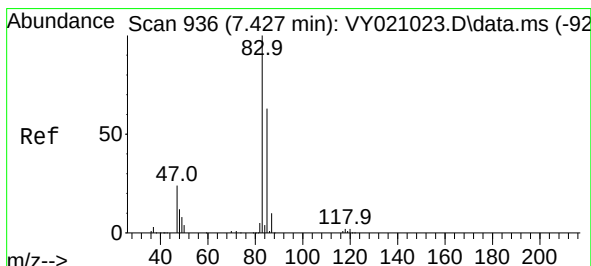
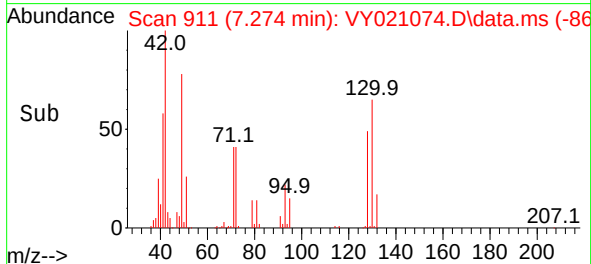
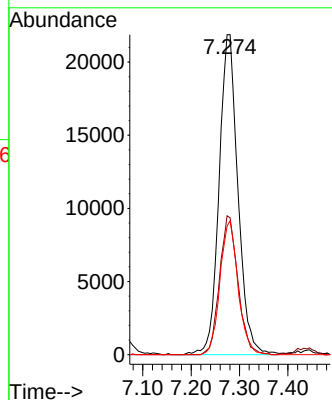
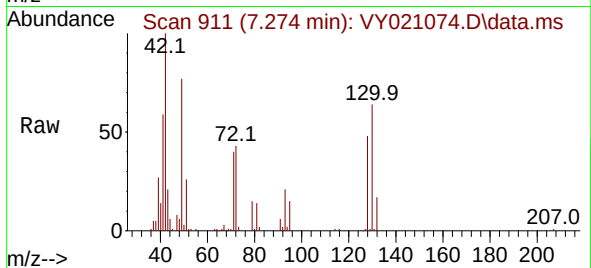
#29
Tetrahydrofuran
Concen: 234.067 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 59270
Ion Ratio Lower Upper
42 100
72 42.3 36.6 54.8
71 40.0 33.8 50.6

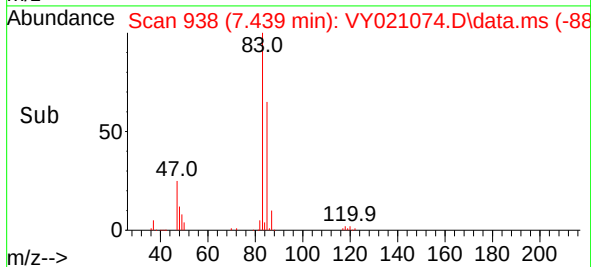
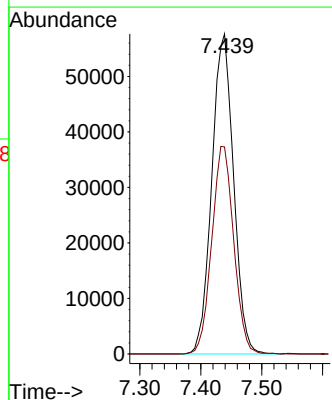
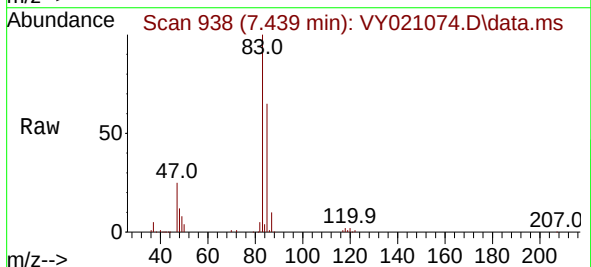
Manual Integrations
APPROVED

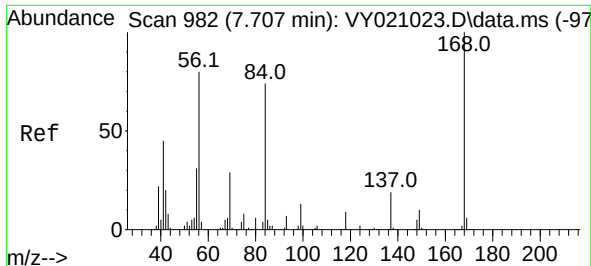
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#30
Chloroform
Concen: 50.416 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

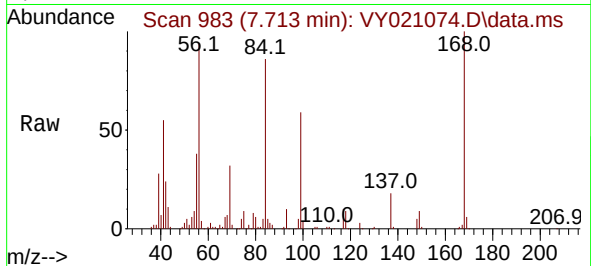
Tgt Ion: 83 Resp: 143244
Ion Ratio Lower Upper
83 100
85 64.7 51.2 76.8





#31
Cyclohexane
Concen: 50.173 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

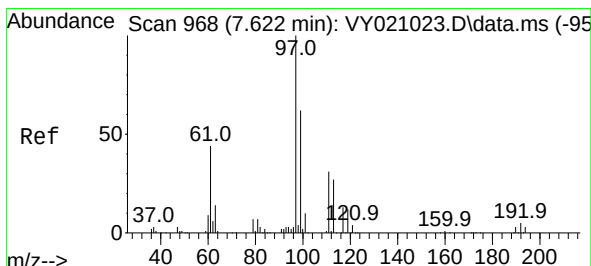
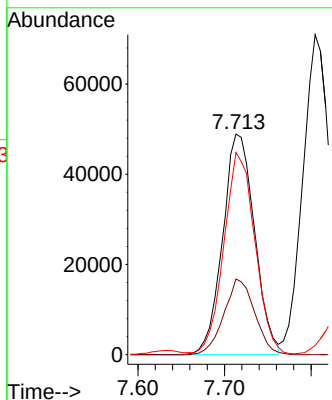
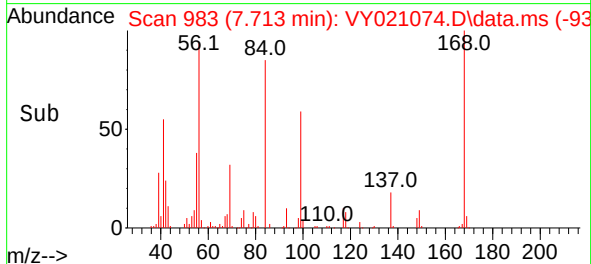
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



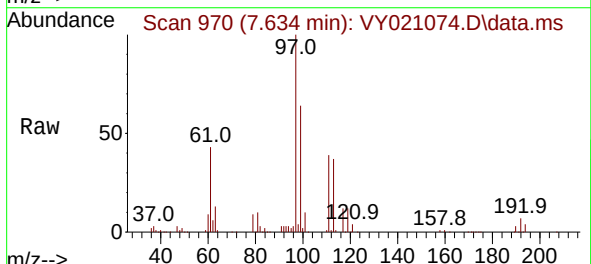
Tgt Ion: 56 Resp: 124978
Ion Ratio Lower Upper
56 100
69 34.3 27.0 40.6
84 90.4 71.8 107.6

Manual Integrations
APPROVED

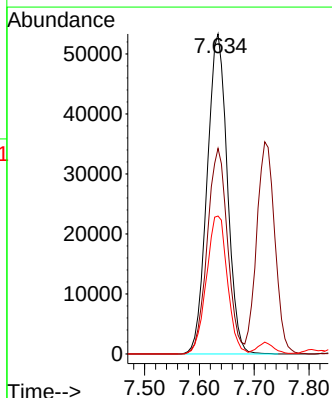
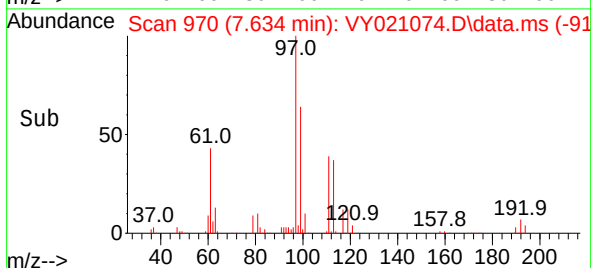
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

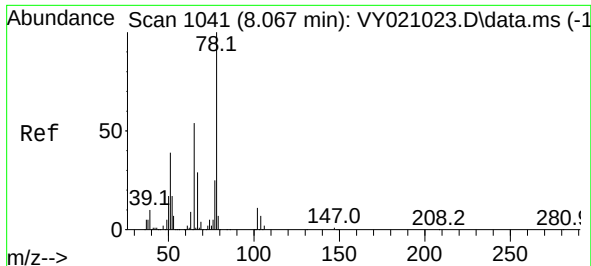


#32
1,1,1-Trichloroethane
Concen: 51.551 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



Tgt Ion: 97 Resp: 136174
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 44.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 52.989 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 77380

Ion Ratio Lower Upper

65 100

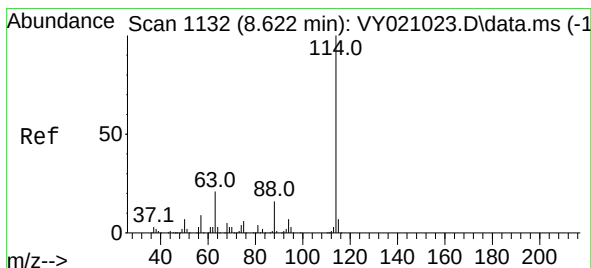
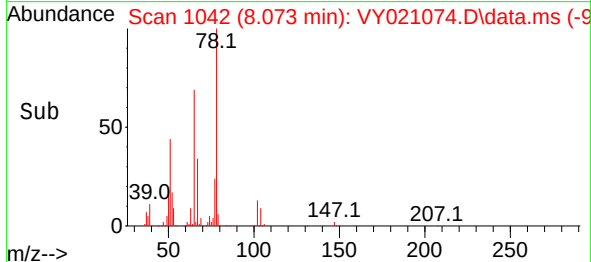
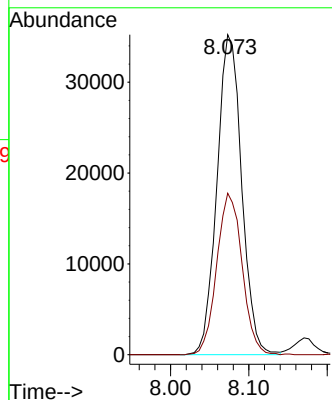
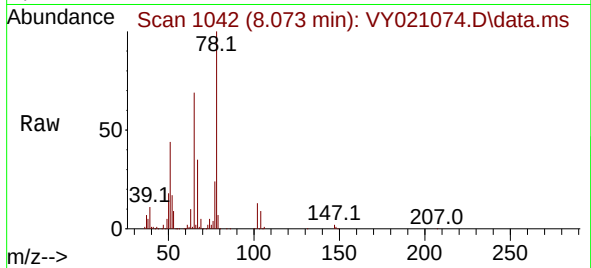
67 51.7 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025

Supervised By :Mahesh Dadoda 02/06/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

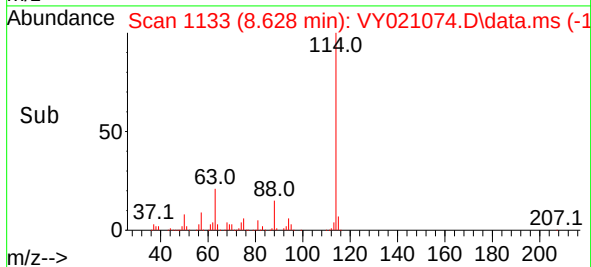
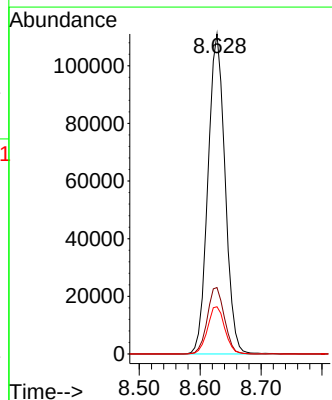
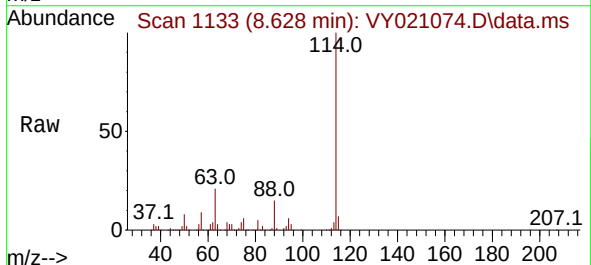
Tgt Ion:114 Resp: 216303

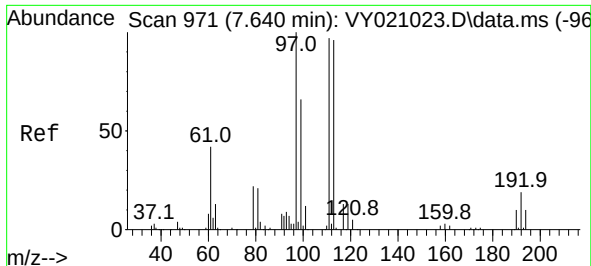
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

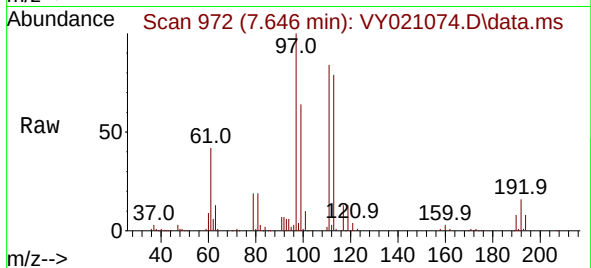
88 14.7 0.0 29.0





#35
Dibromofluoromethane
Concen: 53.752 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

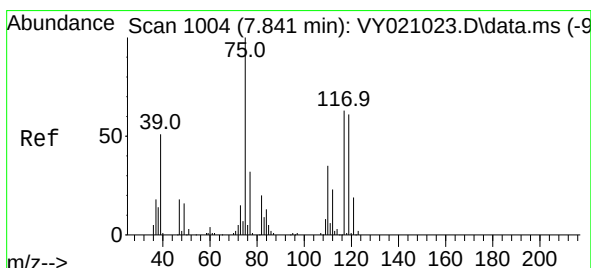
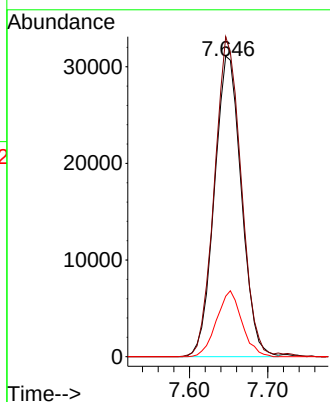
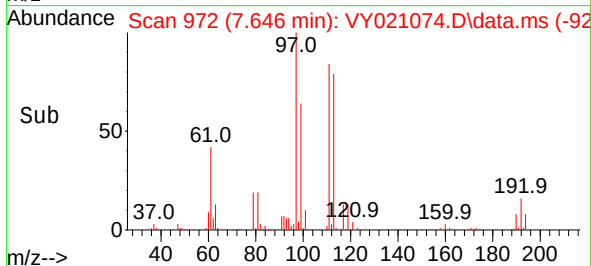
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



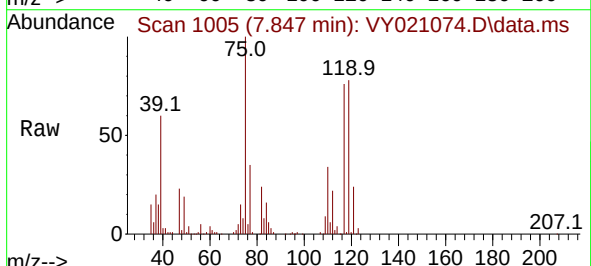
Tgt Ion:113 Resp: 74512
Ion Ratio Lower Upper
113 100
111 105.6 83.8 125.6
192 20.7 14.5 21.7

Manual Integrations
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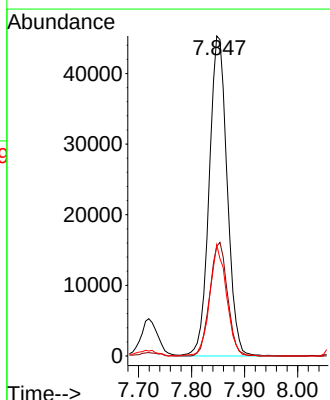
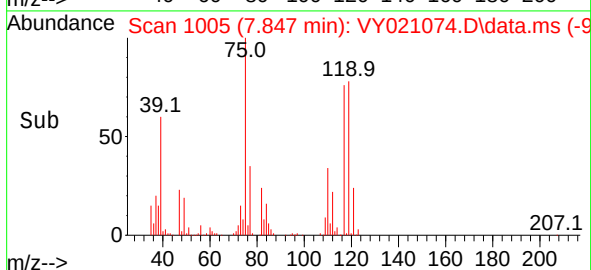
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

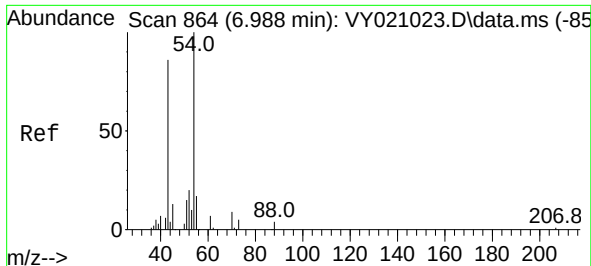


#36
1,1-Dichloropropene
Concen: 51.934 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



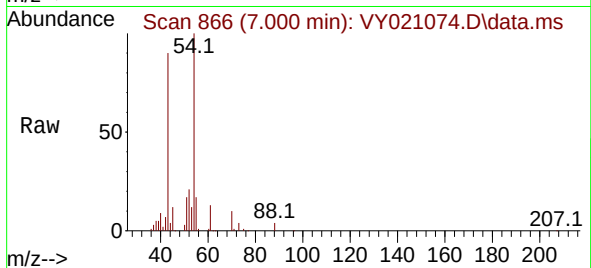
Tgt Ion: 75 Resp: 106633
Ion Ratio Lower Upper
75 100
110 34.7 17.4 52.3
77 32.5 24.7 37.1





#37
Ethyl Acetate
Concen: 47.581 ug/l
RT: 7.000 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

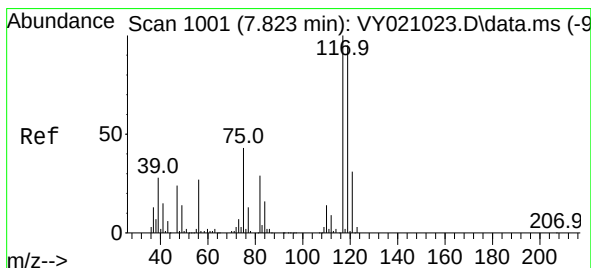
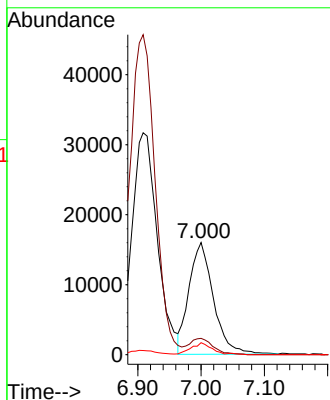
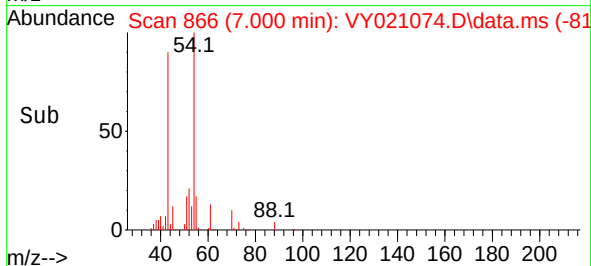
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4285
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.6
70 8.0 8.1 12.1

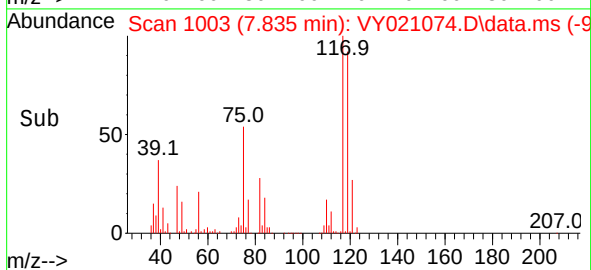
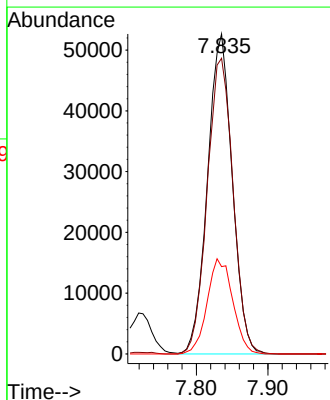
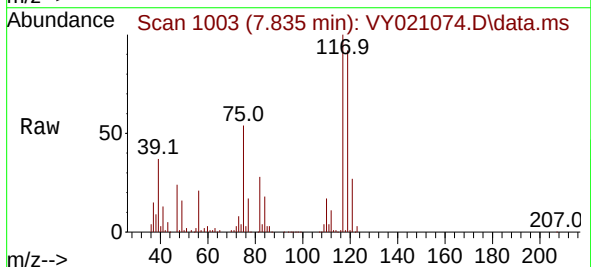
Manual Integrations
APPROVED

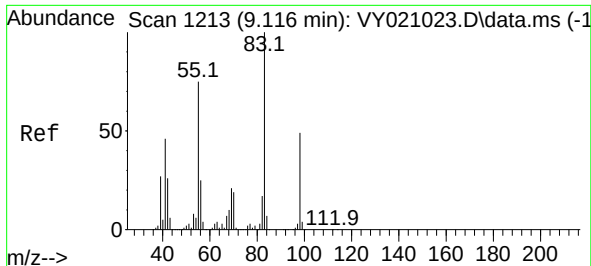
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#38
Carbon Tetrachloride
Concen: 52.784 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Tgt Ion:117 Resp: 126635
Ion Ratio Lower Upper
117 100
119 92.4 76.0 114.0
121 27.3 24.2 36.2





#39

Methylcyclohexane

Concen: 54.317 ug/l

RT: 9.121 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 136415

Ion Ratio Lower Upper

83 100

55 76.7 59.7 89.5

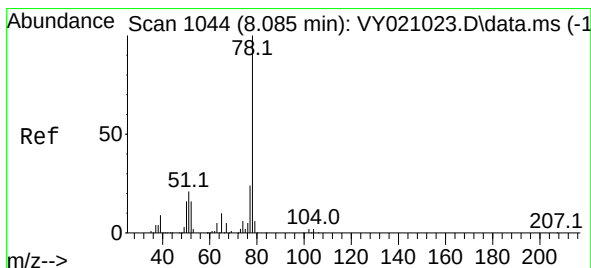
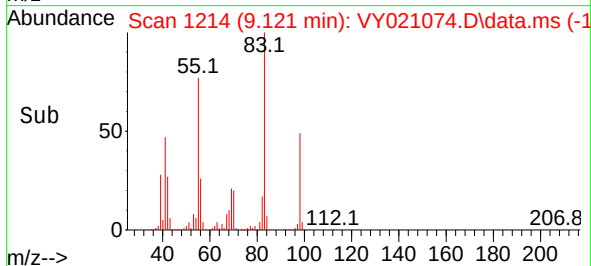
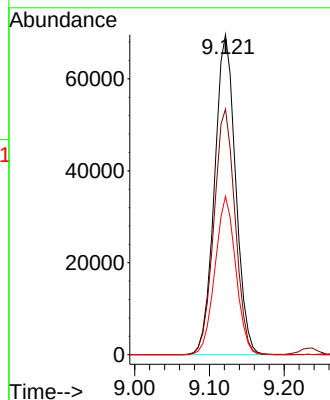
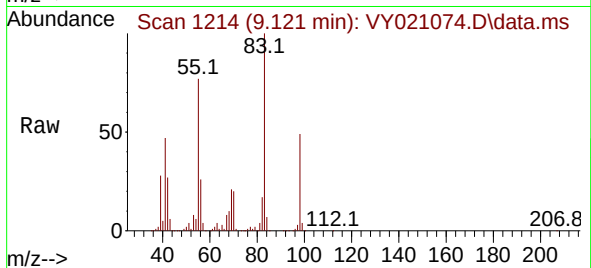
98 49.5 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025

Supervised By :Mahesh Dadoda 02/06/2025



#40

Benzene

Concen: 51.905 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021074.D

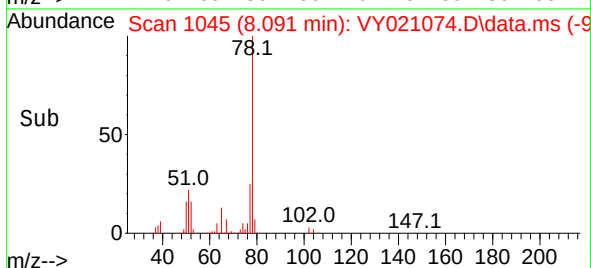
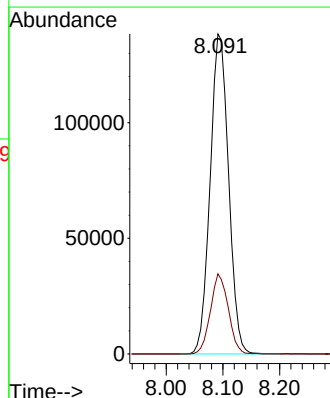
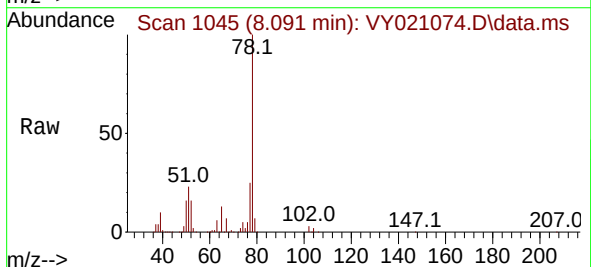
Acq: 05 Feb 2025 09:16

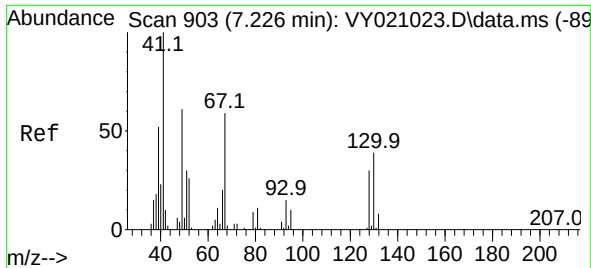
Tgt Ion: 78 Resp: 312752

Ion Ratio Lower Upper

78 100

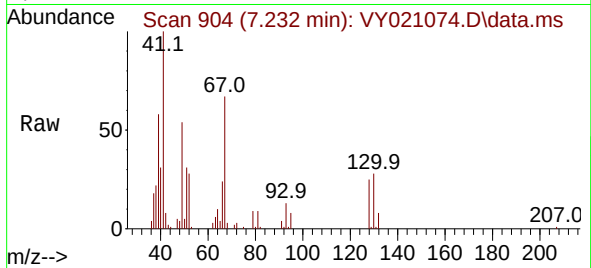
77 25.1 18.8 28.2





#41
Methacrylonitrile
Concen: 53.037 ug/l m
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

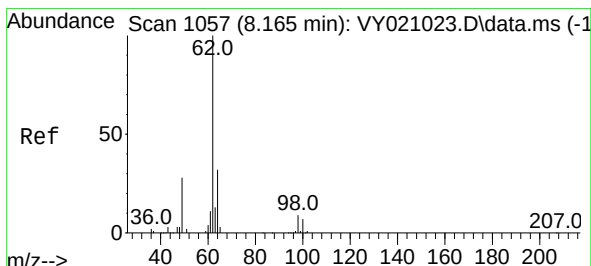
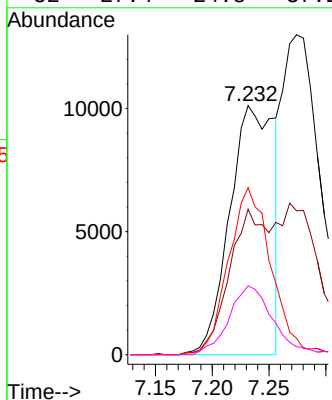
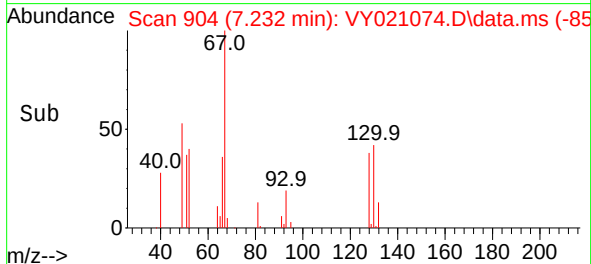
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 27638
Ion Ratio Lower Upper
41 100
39 49.7 41.9 62.9
67 64.2 59.8 89.6
52 27.4 24.8 37.2

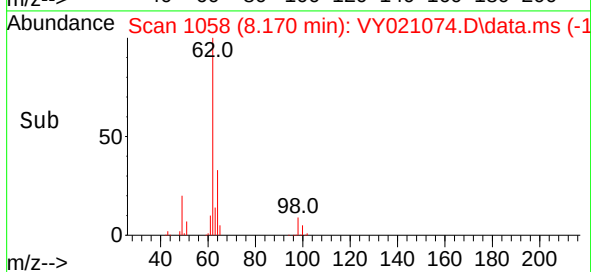
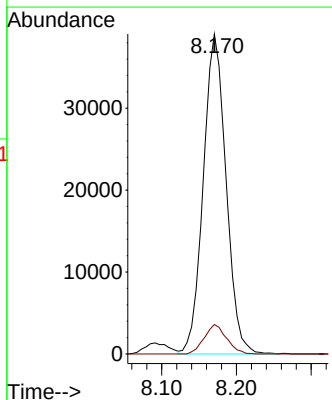
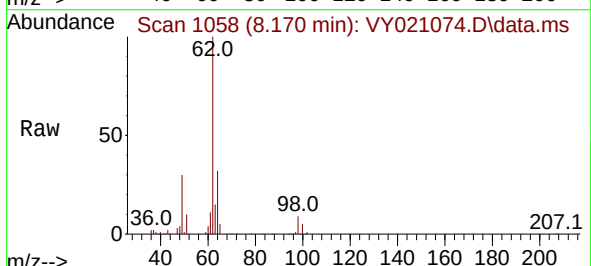
Manual Integrations
APPROVED

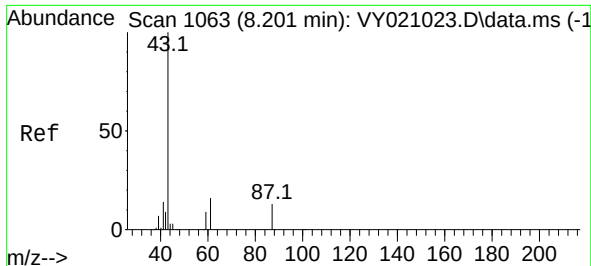
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#42
1,2-Dichloroethane
Concen: 49.557 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Tgt Ion: 62 Resp: 82833
Ion Ratio Lower Upper
62 100
98 9.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 47.758 ug/l

RT: 8.207 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

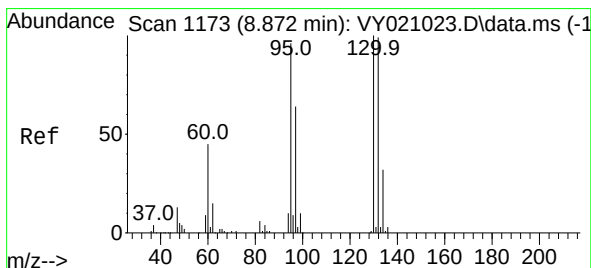
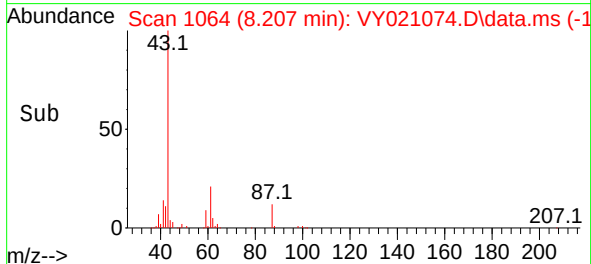
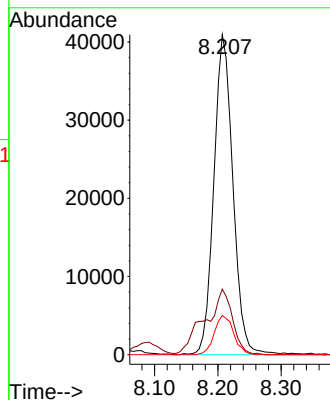
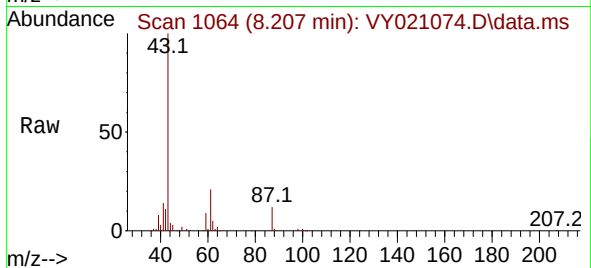
VSTDCCC050

Tgt Ion:	43	Resp:	85470
Ion Ratio	Lower	Upper	
43	100		
61	29.7	24.8	37.2
87	12.4	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#44

Trichloroethene

Concen: 51.373 ug/l

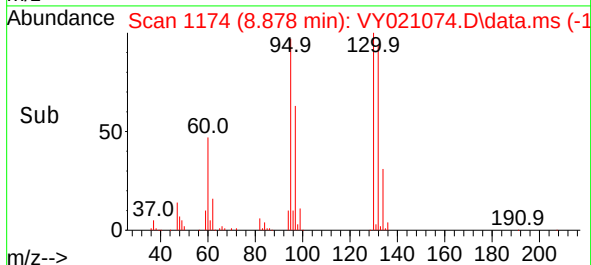
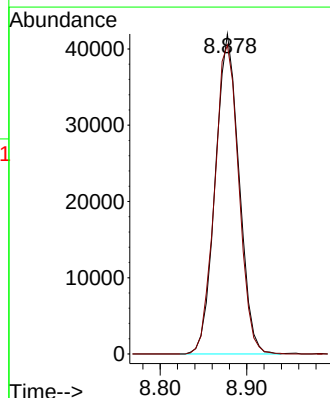
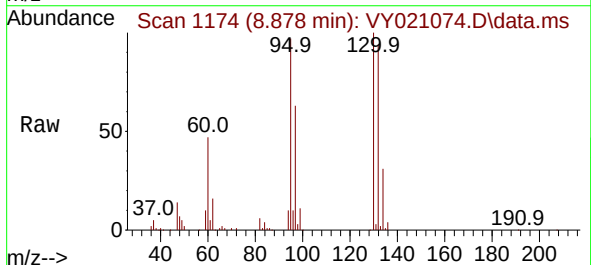
RT: 8.878 min Scan# 1174

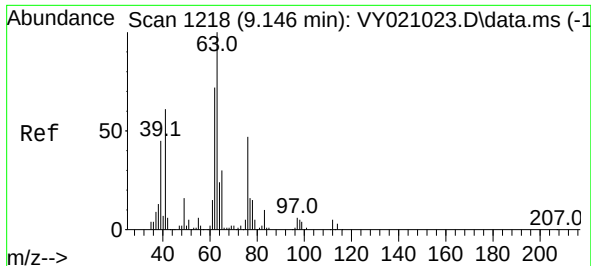
Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Tgt Ion:	130	Resp:	79974
Ion Ratio	Lower	Upper	
130	100		
95	96.5	0.0	203.8





#45

1,2-Dichloropropane

Concen: 51.669 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 73894

Ion Ratio Lower Upper

63 100

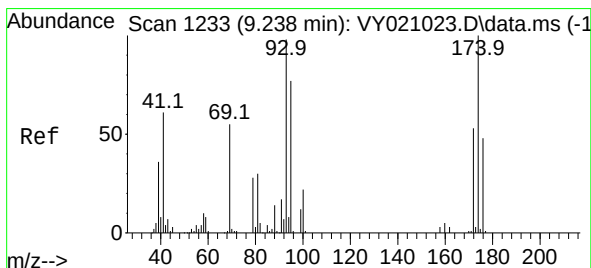
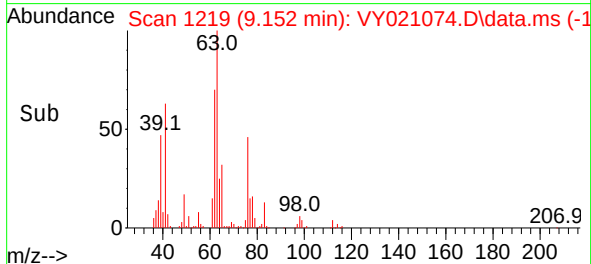
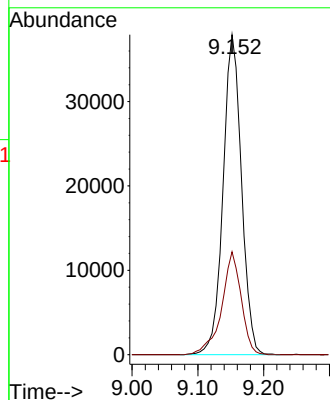
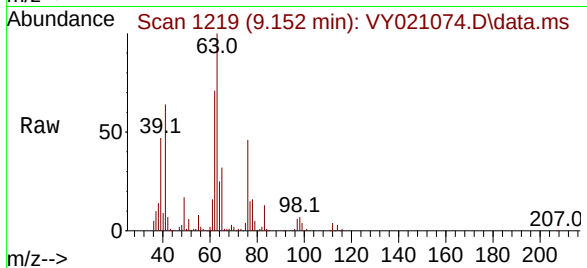
65 32.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025

Supervised By :Mahesh Dadoda 02/06/2025



#46

Dibromomethane

Concen: 49.344 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

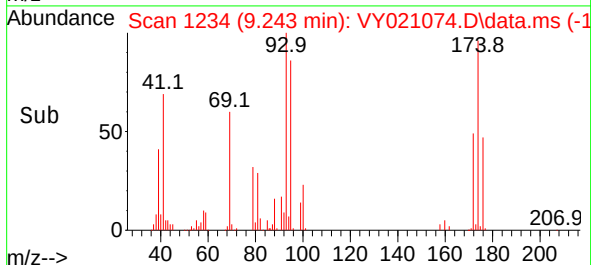
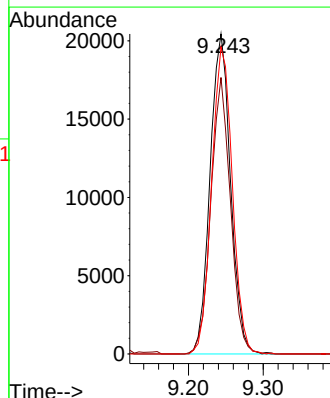
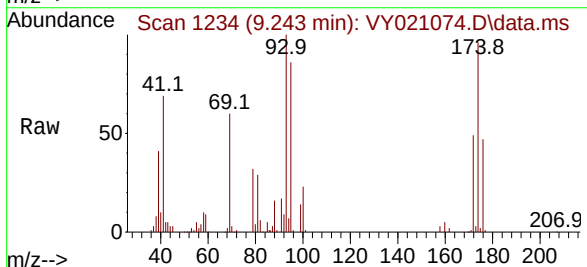
Tgt Ion: 93 Resp: 39073

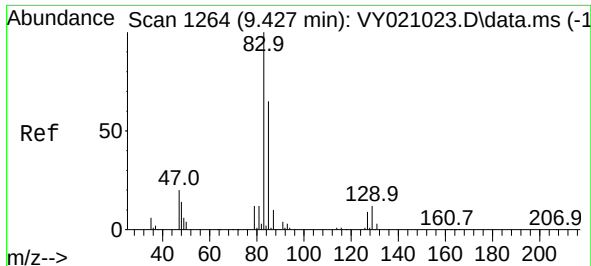
Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 97.0 73.8 110.6





#47

Bromodichloromethane

Concen: 50.721 ug/l

RT: 9.432 min Scan# 1265

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

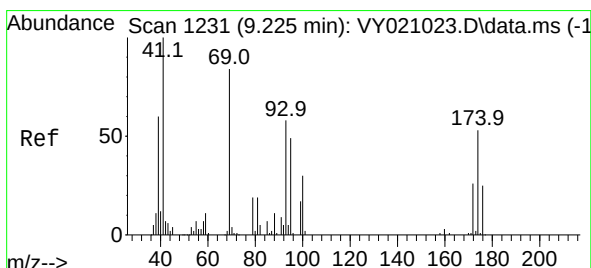
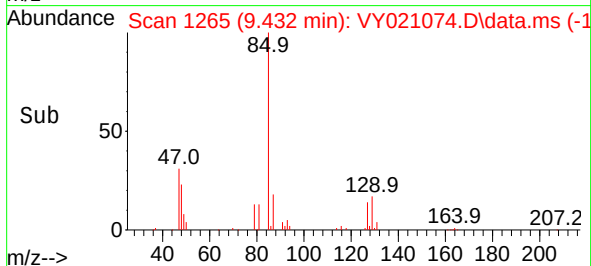
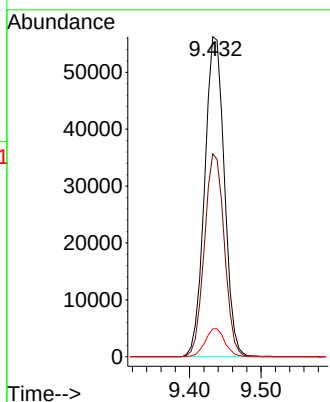
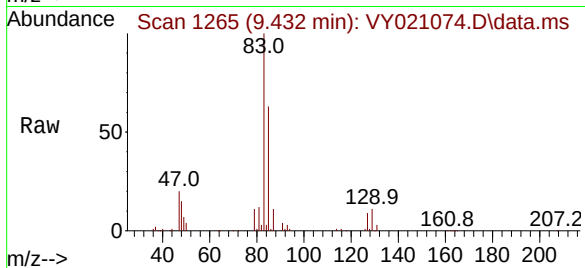
VSTDCCC050

Tgt Ion:	83	Resp:	107714
Ion Ratio	Lower	Upper	
83	100		
85	63.4	53.2	79.8
127	8.7	6.4	9.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#48

Methyl methacrylate

Concen: 50.915 ug/l

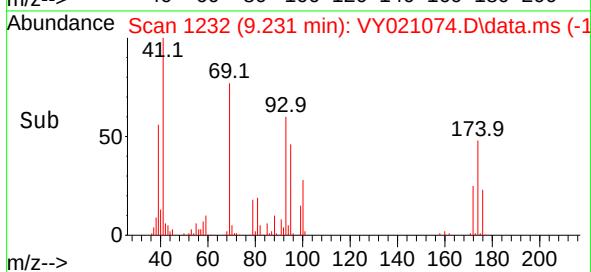
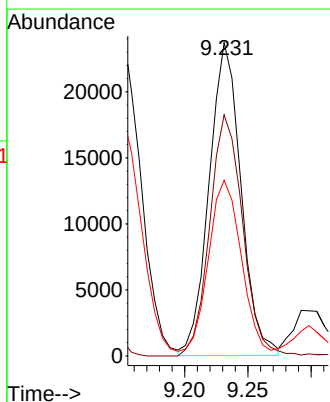
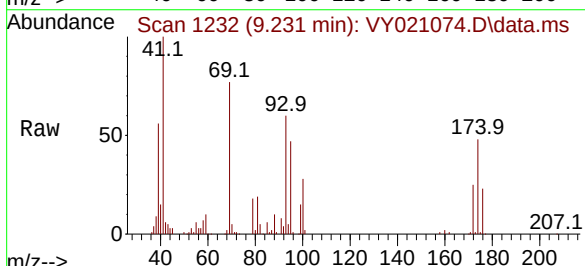
RT: 9.231 min Scan# 1232

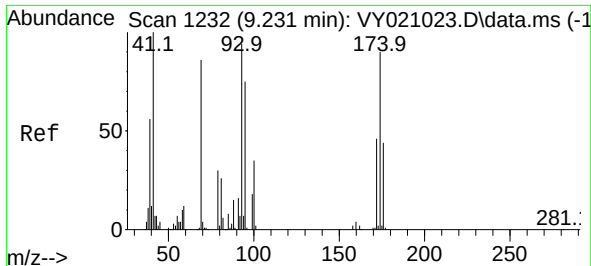
Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Tgt Ion:	41	Resp:	41509
Ion Ratio	Lower	Upper	
41	100		
69	79.9	72.1	108.1
39	55.8	42.8	64.2





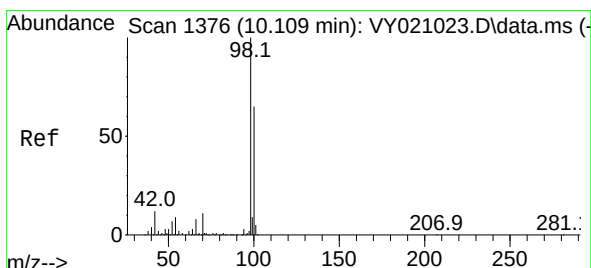
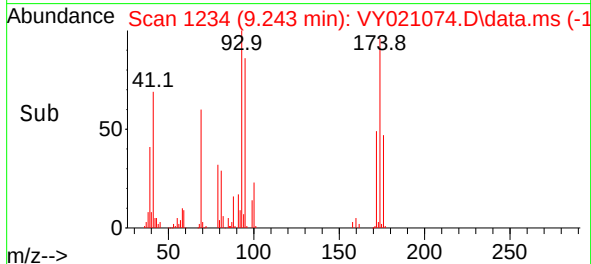
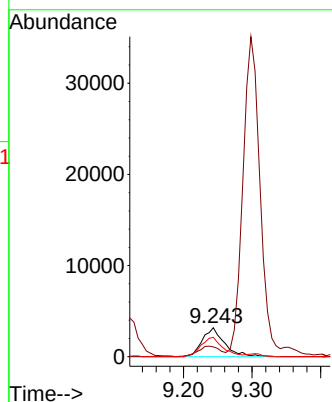
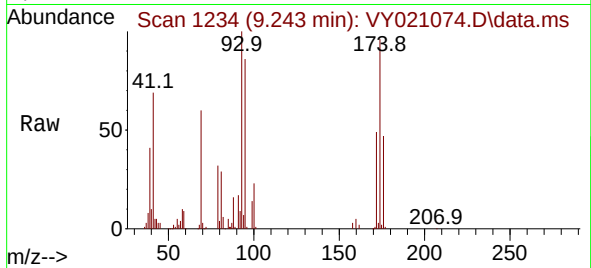
#49
1,4-Dioxane
Concen: 968.327 ug/l
RT: 9.243 min Scan# 1234
Delta R.T. 0.012 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 7138
Ion Ratio Lower Upper
88 100
43 36.6 28.2 42.4
58 66.2 52.2 78.2

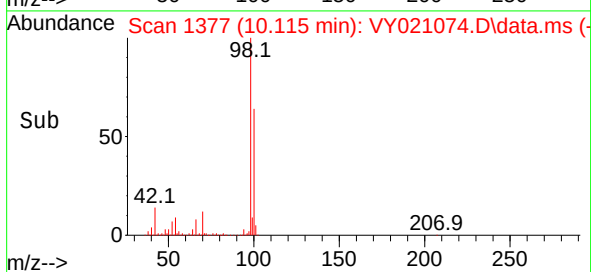
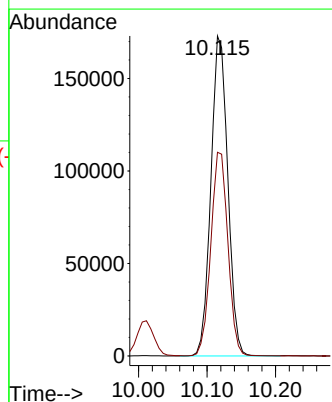
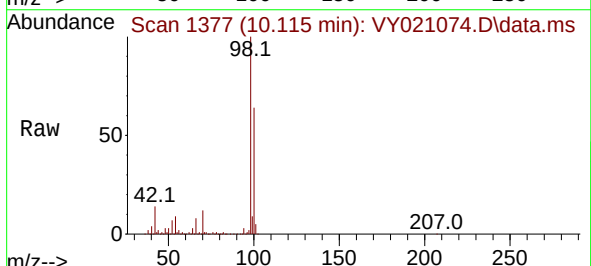
Manual Integrations
APPROVED

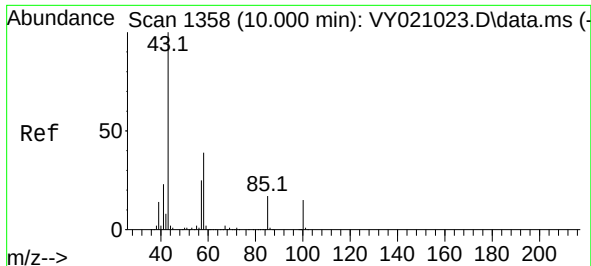
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#50
Toluene-d8
Concen: 56.072 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Tgt Ion: 98 Resp: 295914
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5





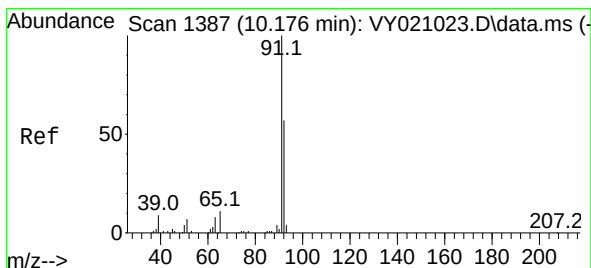
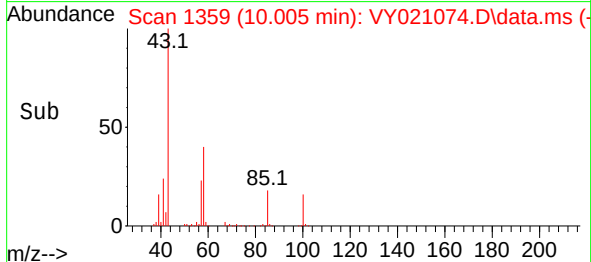
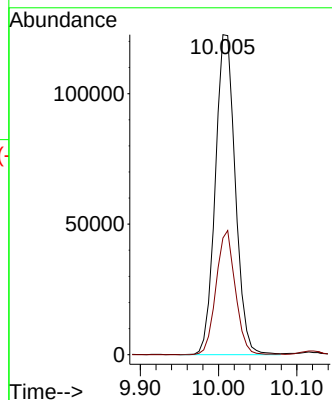
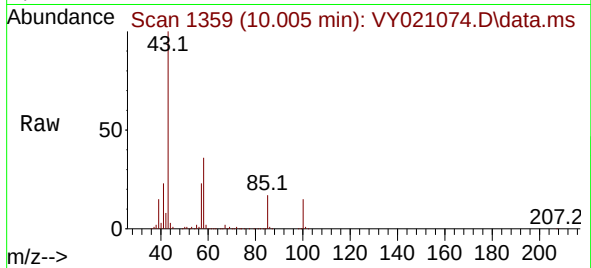
#51
4-Methyl-2-Pentanone
Concen: 241.887 ug/l
RT: 10.005 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 21770
Ion Ratio Lower Upper
43 100
58 37.3 32.2 48.2

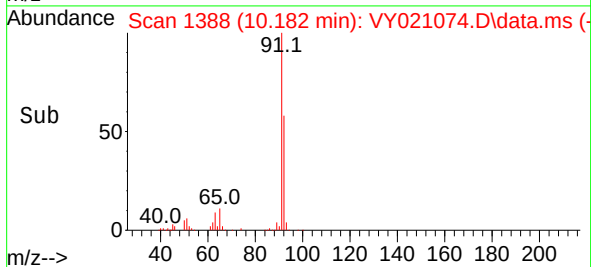
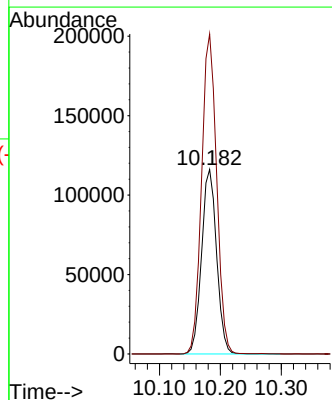
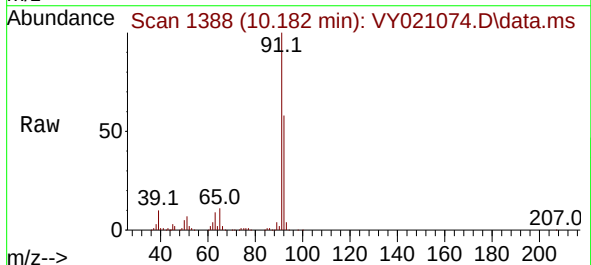
Manual Integrations
APPROVED

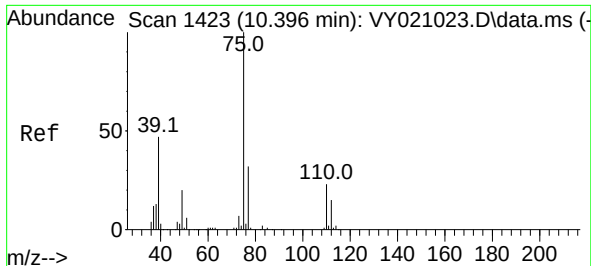
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#52
Toluene
Concen: 52.445 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Tgt Ion: 92 Resp: 198421
Ion Ratio Lower Upper
92 100
91 173.8 137.6 206.4





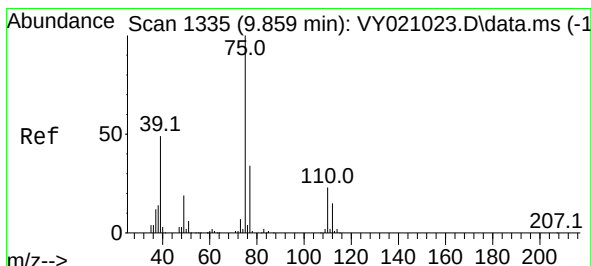
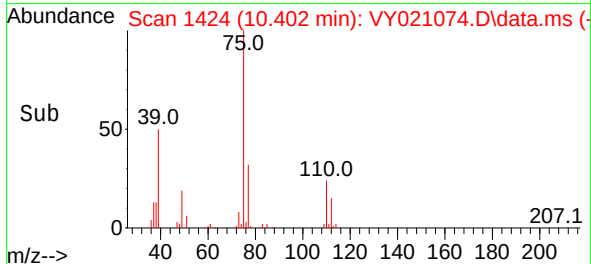
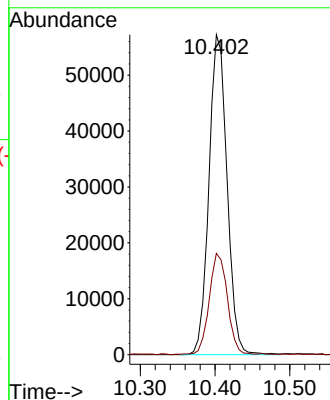
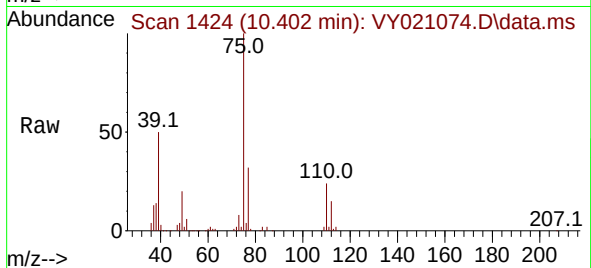
#53
t-1,3-Dichloropropene
Concen: 50.444 ug/l
RT: 10.402 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 9619
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8

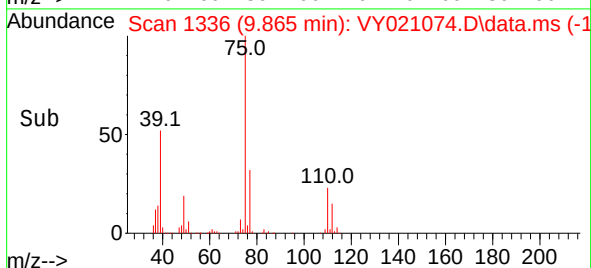
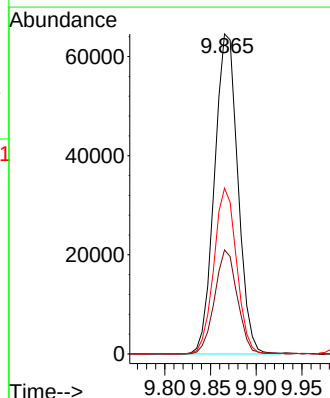
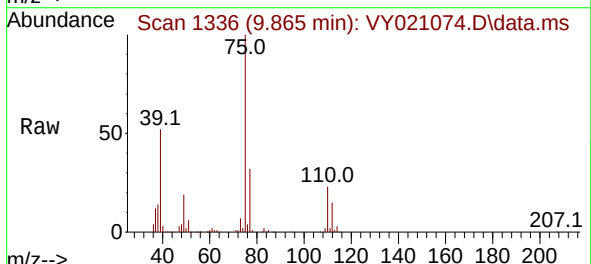
Manual Integrations
APPROVED

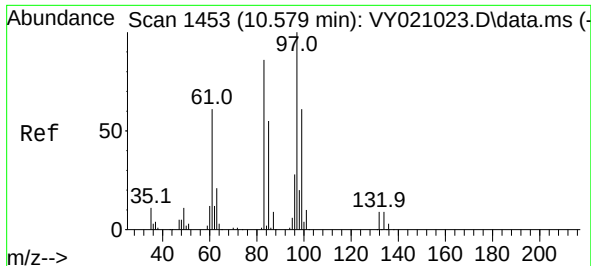
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#54
cis-1,3-Dichloropropene
Concen: 50.914 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Tgt Ion: 75 Resp: 114954
Ion Ratio Lower Upper
75 100
77 32.5 24.6 36.8
39 51.7 33.6 50.4#





#55

1,1,2-Trichloroethane

Concen: 49.430 ug/l

RT: 10.585 min Scan# 1453

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

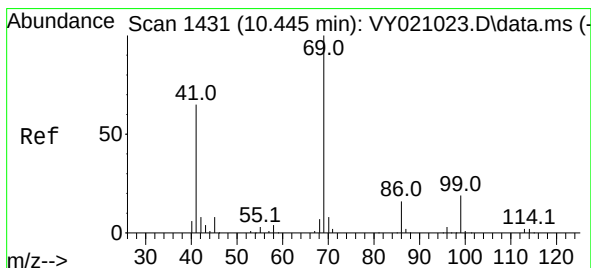
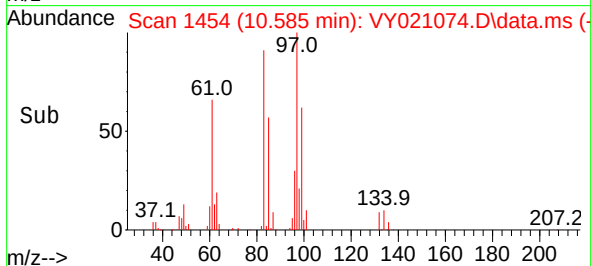
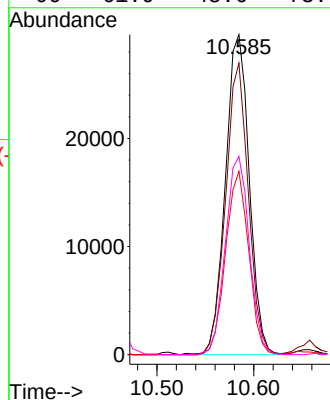
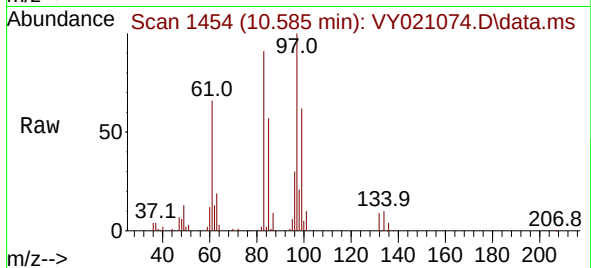
Tgt Ion: 97	Resp: 5068
Ion Ratio	Lower Upper
97 100	
83 91.1	69.4 104.2
85 57.3	43.9 65.9
99 61.9	48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025

Supervised By :Mahesh Dadoda 02/06/2025



#56

Ethyl methacrylate

Concen: 48.836 ug/l

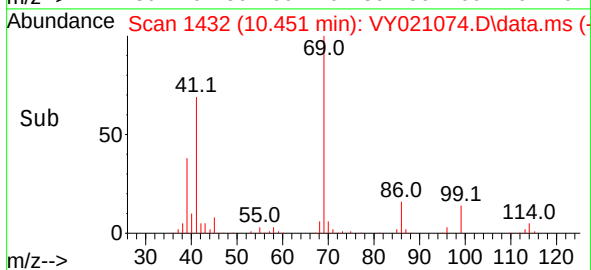
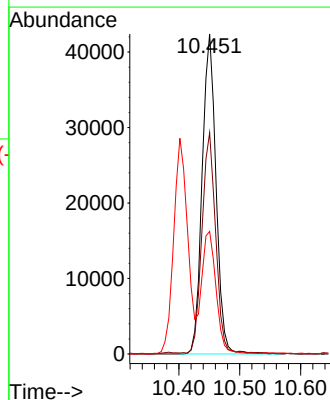
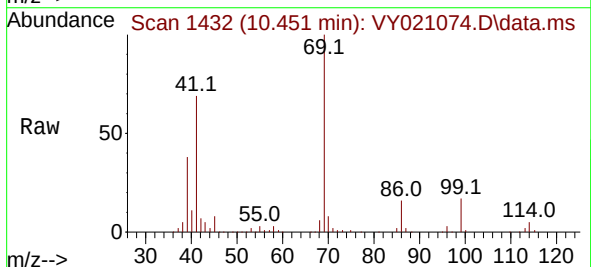
RT: 10.451 min Scan# 1432

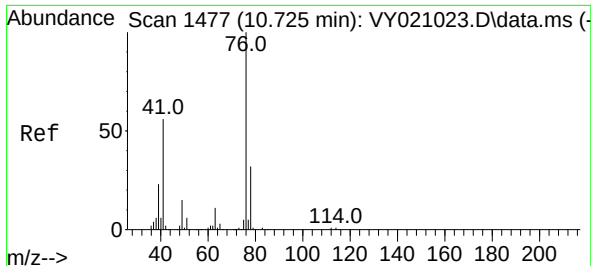
Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Tgt Ion: 69	Resp: 66990
Ion Ratio	Lower Upper
69 100	
41 67.8	49.2 73.8
39 39.9	26.8 40.2





#57

1,3-Dichloropropane

Concen: 49.359 ug/l

RT: 10.731 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 87603

Ion Ratio Lower Upper

76 100

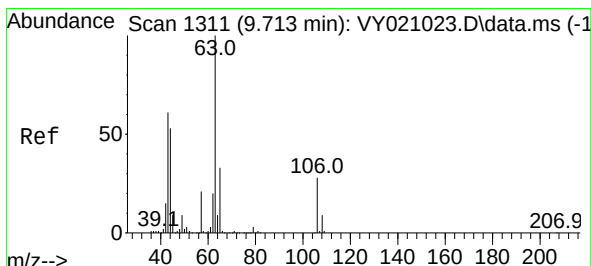
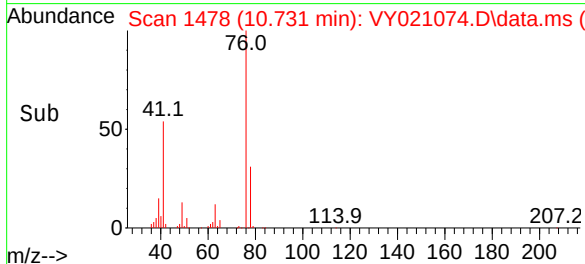
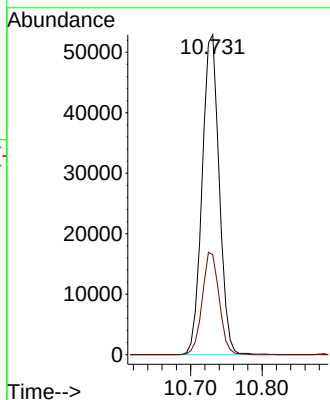
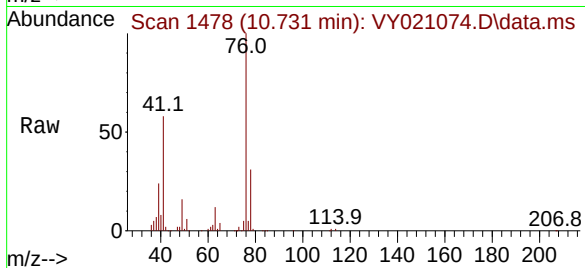
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025

Supervised By :Mahesh Dadoda 02/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 243.329 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021074.D

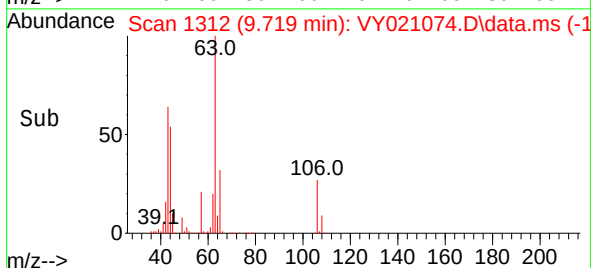
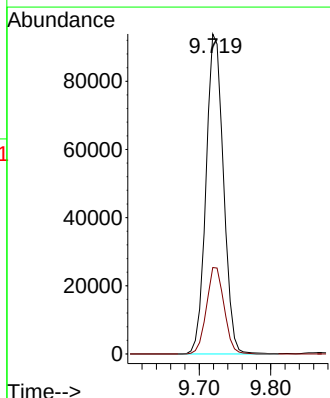
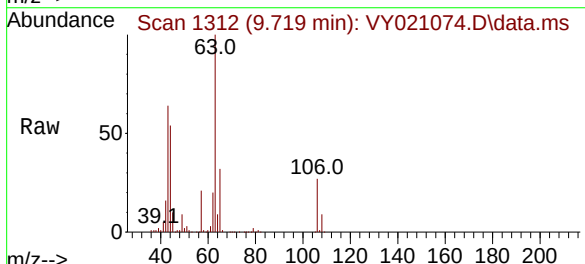
Acq: 05 Feb 2025 09:16

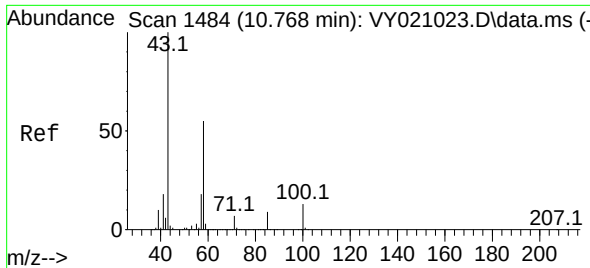
Tgt Ion: 63 Resp: 158797

Ion Ratio Lower Upper

63 100

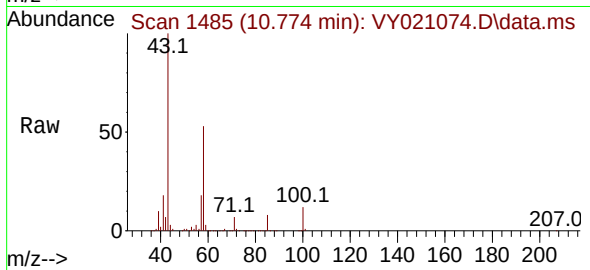
106 27.3 22.4 33.6





#59
2-Hexanone
Concen: 240.804 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

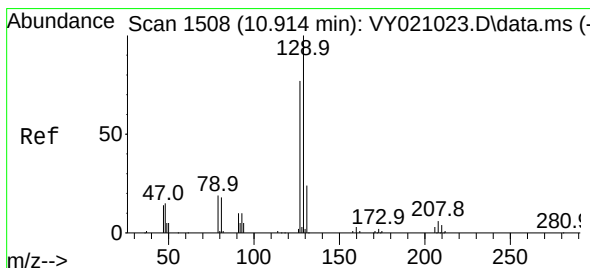
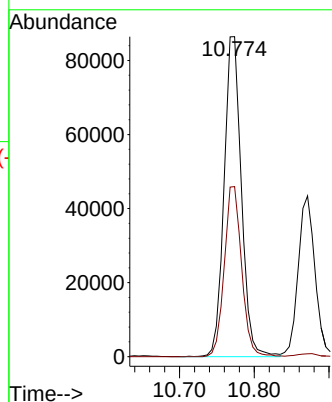
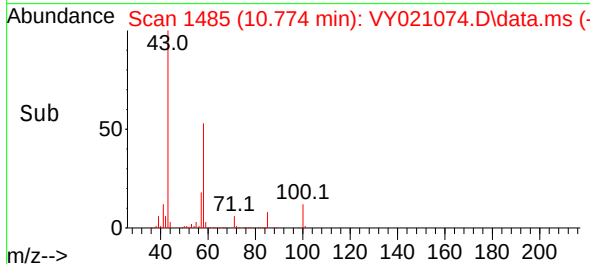
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



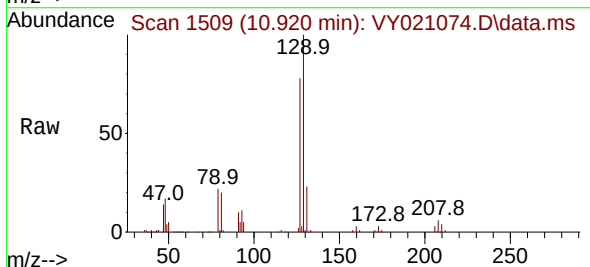
Tgt Ion: 43 Resp: 13954
Ion Ratio Lower Upper
43 100
58 53.3 28.1 84.3

Manual Integrations
APPROVED

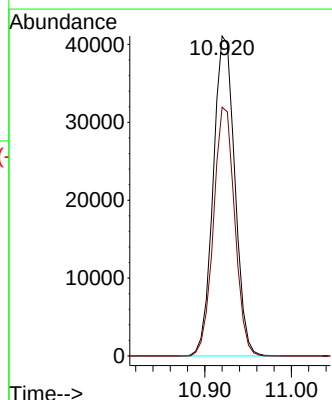
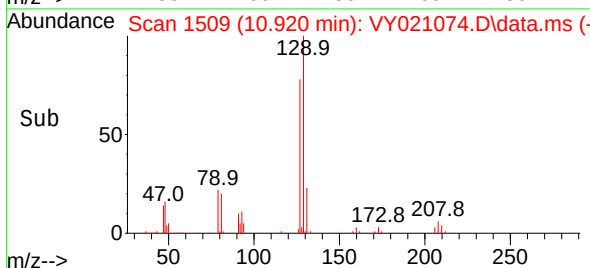
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

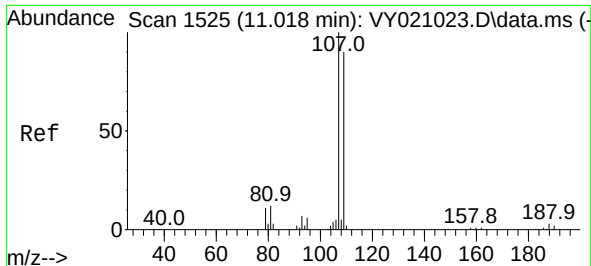


#60
Dibromochloromethane
Concen: 49.451 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



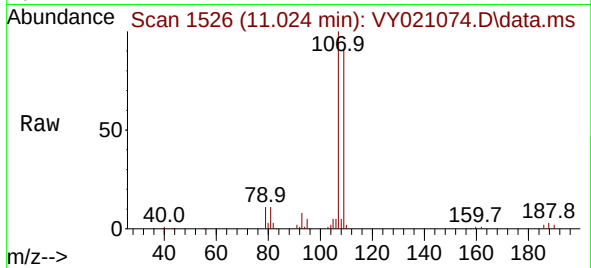
Tgt Ion:129 Resp: 71209
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6





#61
1,2-Dibromoethane
Concen: 48.508 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

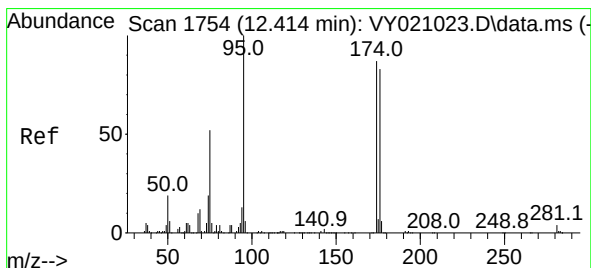
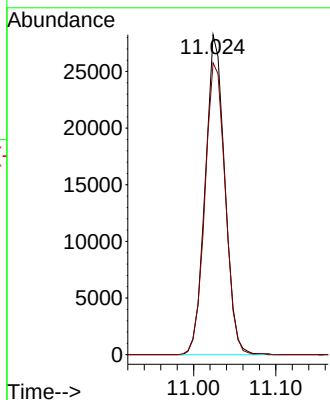
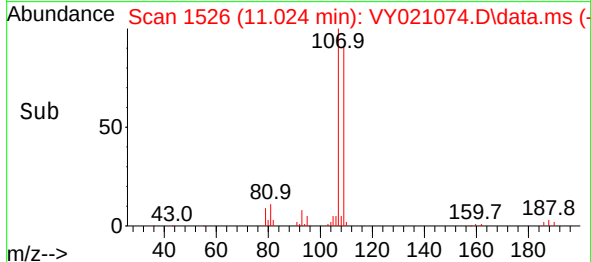
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 46590
Ion Ratio Lower Upper
107 100
109 95.3 75.4 113.2

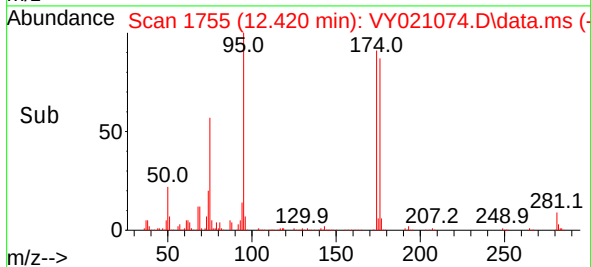
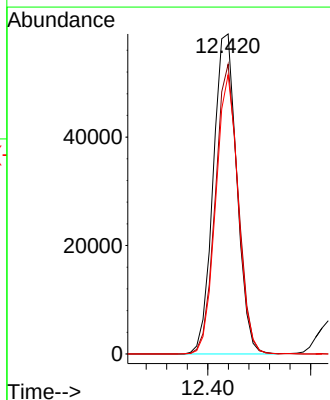
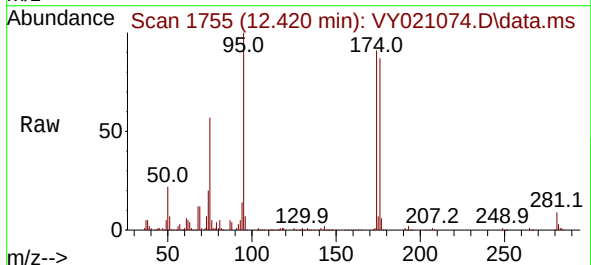
Manual Integrations
APPROVED

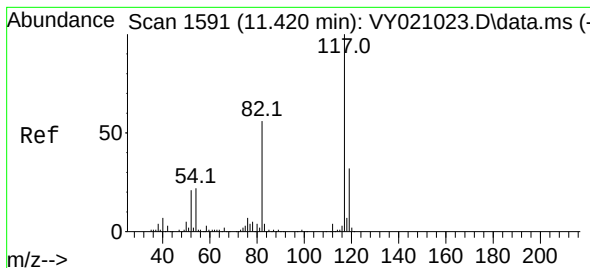
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#62
4-Bromofluorobenzene
Concen: 54.536 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

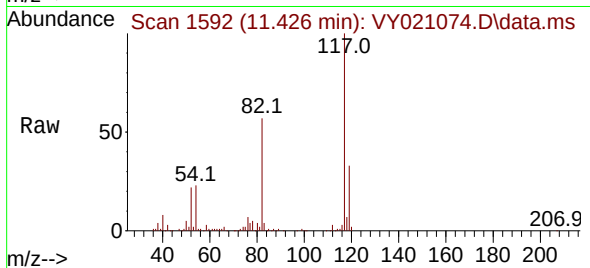
Tgt Ion: 95 Resp: 94025
Ion Ratio Lower Upper
95 100
174 87.2 0.0 160.0
176 83.2 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

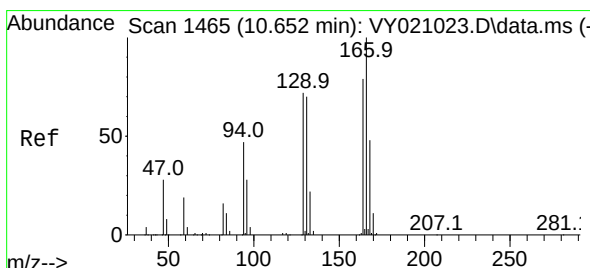
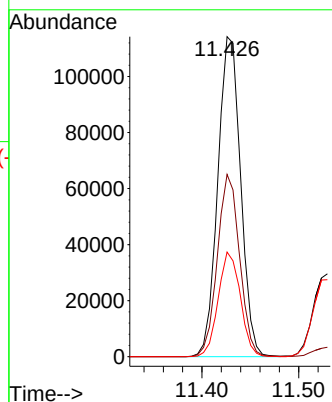
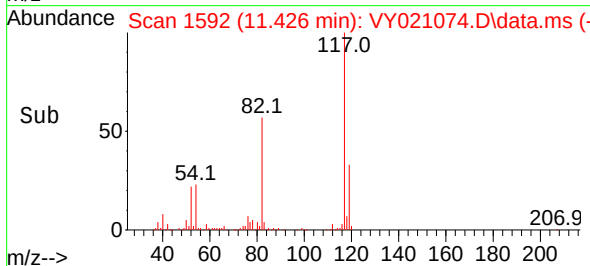
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



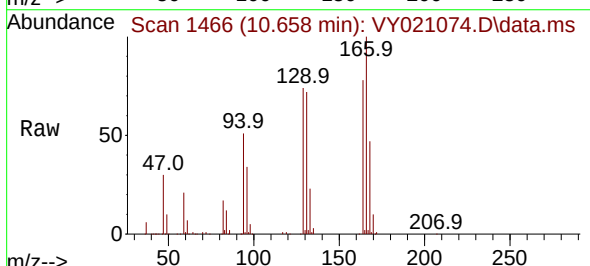
Tgt Ion:117 Resp: 18714
Ion Ratio Lower Upper
117 100
82 56.9 43.8 65.8
119 32.7 26.5 39.7

Manual Integrations
APPROVED

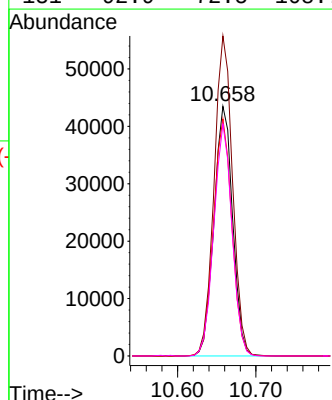
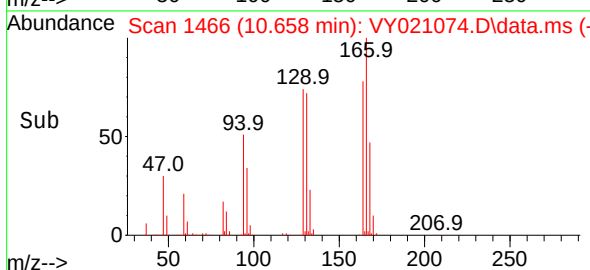
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

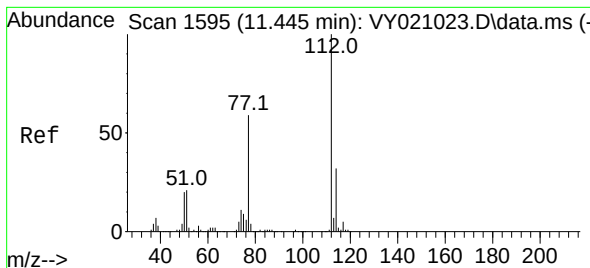


#64
Tetrachloroethene
Concen: 51.828 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



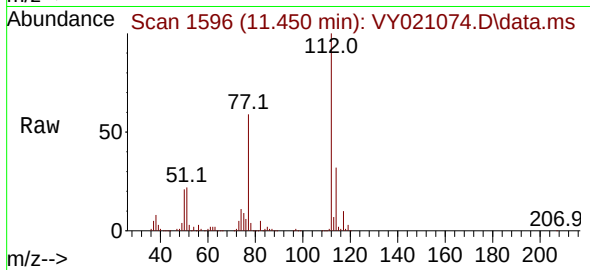
Tgt Ion:164 Resp: 72004
Ion Ratio Lower Upper
164 100
166 128.2 98.8 148.2
129 94.9 78.9 118.3
131 92.9 72.5 108.7





#65
Chlorobenzene
Concen: 50.514 ug/l
RT: 11.450 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

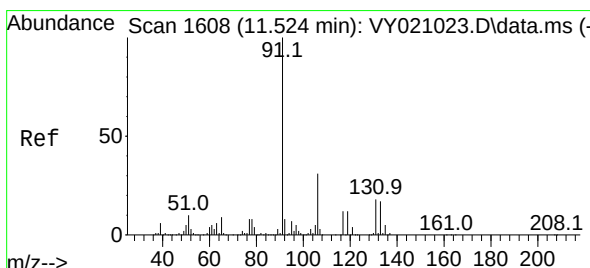
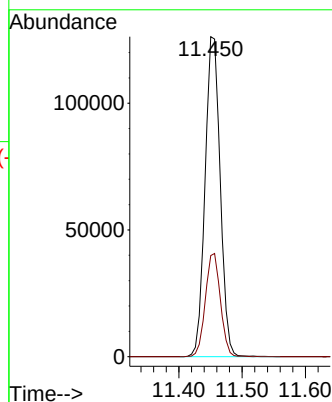
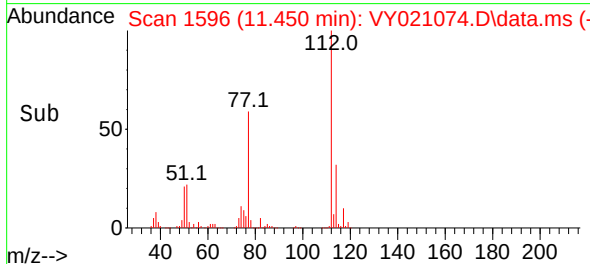
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



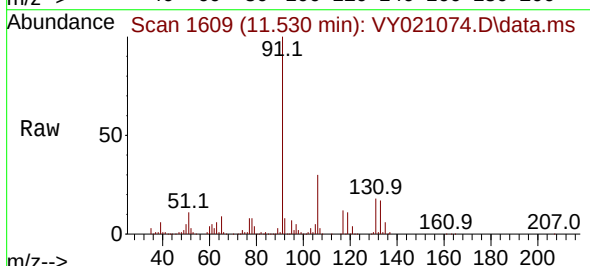
Tgt Ion:112 Resp: 210499
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1

Manual Integrations
APPROVED

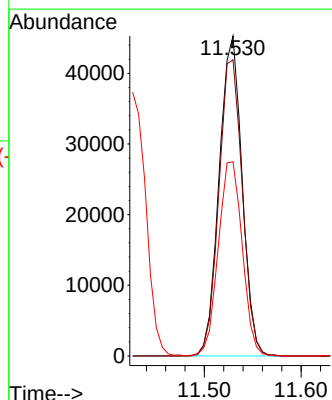
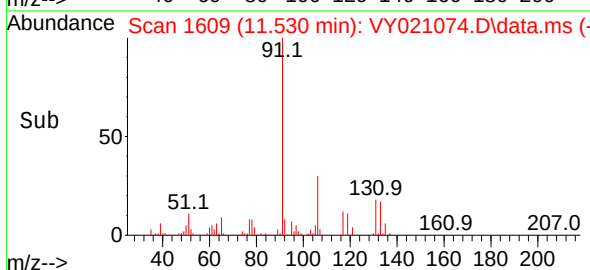
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

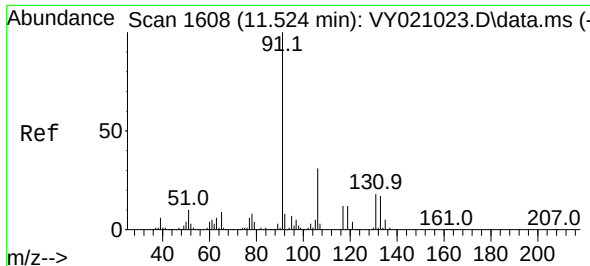


#66
1,1,1,2-Tetrachloroethane
Concen: 50.322 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



Tgt Ion:131 Resp: 74521
Ion Ratio Lower Upper
131 100
133 94.9 47.0 141.0
119 63.5 33.3 99.9





#67

Ethyl Benzene

Concen: 52.499 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 386948

Ion Ratio Lower Upper

91 100

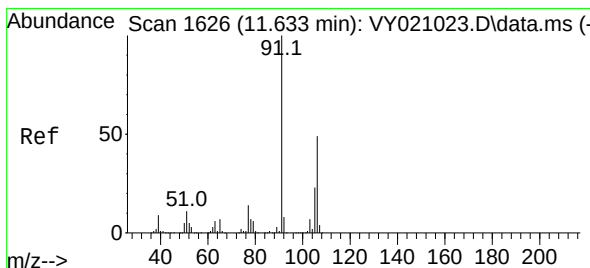
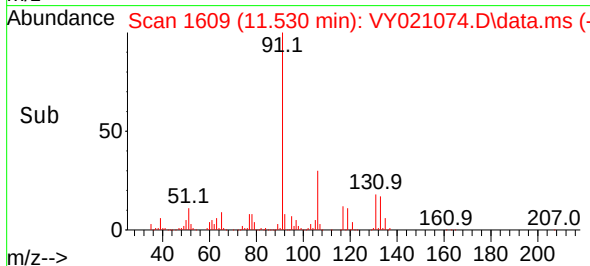
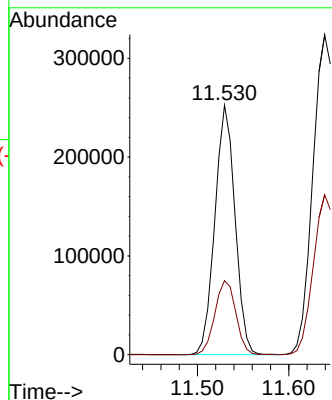
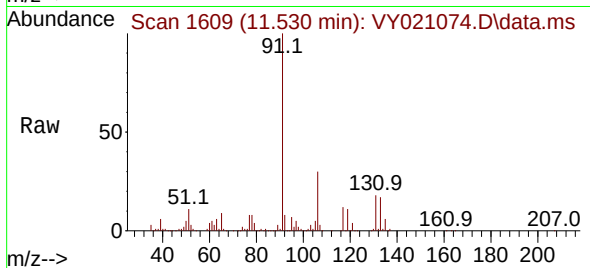
106 29.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025

Supervised By :Mahesh Dadoda 02/06/2025



#68

m/p-Xylenes

Concen: 105.959 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021074.D

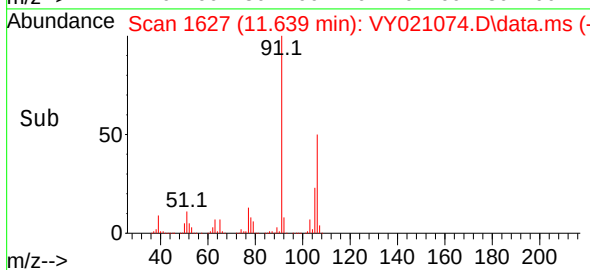
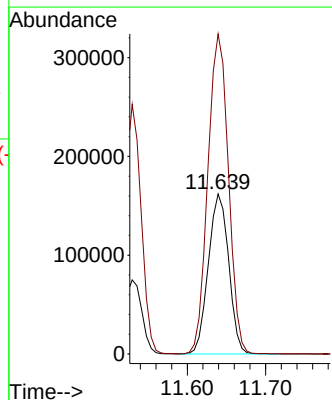
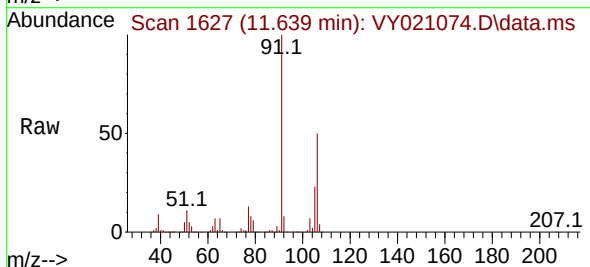
Acq: 05 Feb 2025 09:16

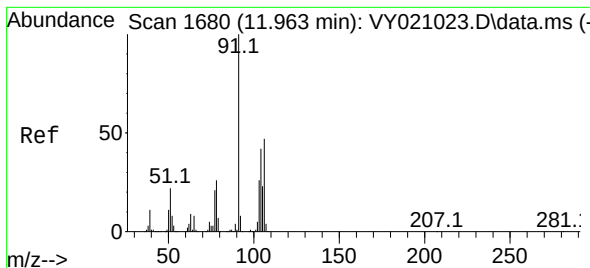
Tgt Ion:106 Resp: 292165

Ion Ratio Lower Upper

106 100

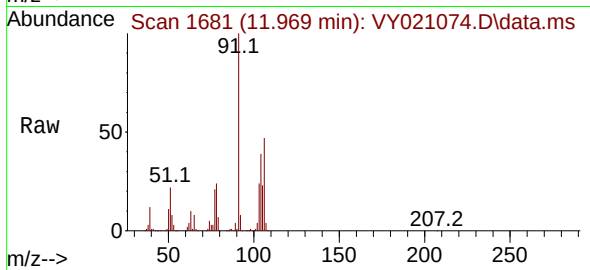
91 202.1 160.7 241.1





#69
o-Xylene
Concen: 52.233 ug/l
RT: 11.969 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

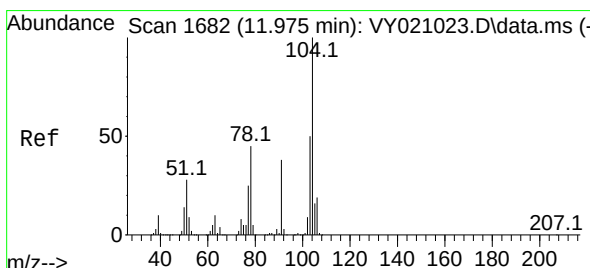
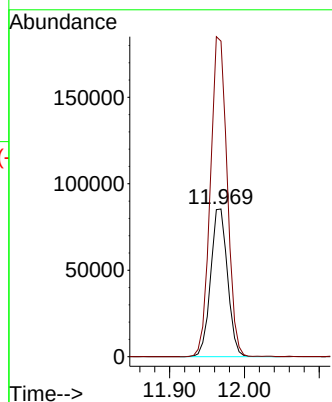
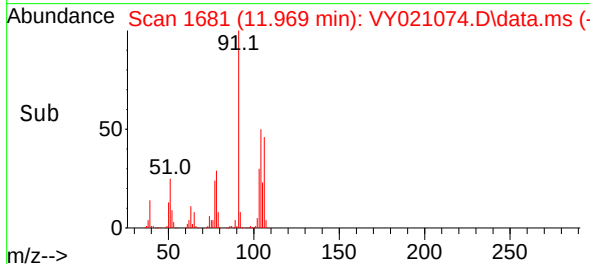
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



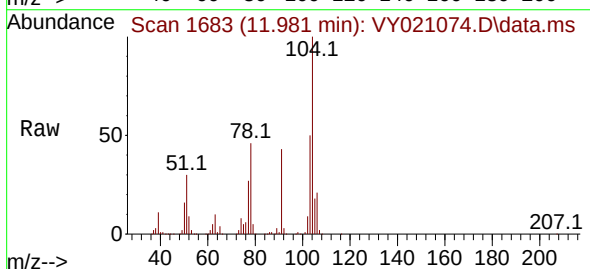
Tgt Ion:106 Resp: 134270
Ion Ratio Lower Upper
106 100
91 215.4 106.5 319.5

Manual Integrations
APPROVED

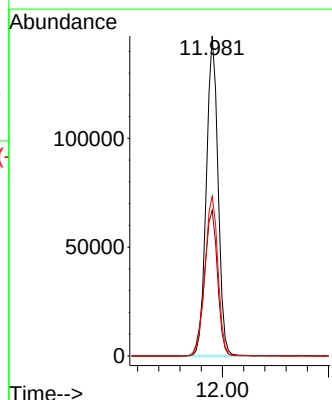
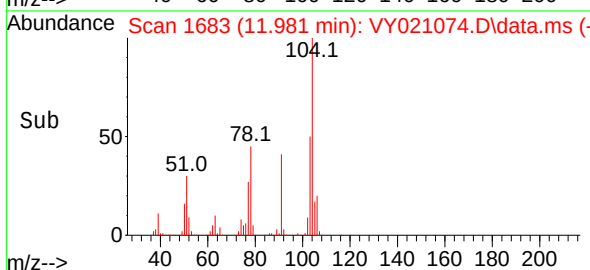
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

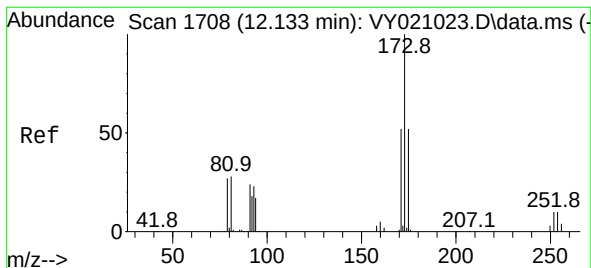


#70
Styrene
Concen: 52.522 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



Tgt Ion:104 Resp: 225039
Ion Ratio Lower Upper
104 100
78 51.1 39.2 58.8
103 55.4 43.8 65.6





#71

Bromoform

Concen: 48.912 ug/l

RT: 12.145 min Scan# 1710

Delta R.T. 0.012 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 40318

Ion Ratio Lower Upper

173 100

175 47.8 23.5 70.6

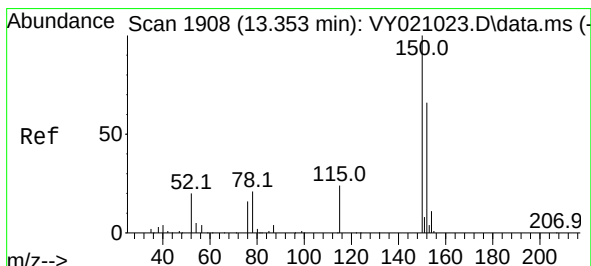
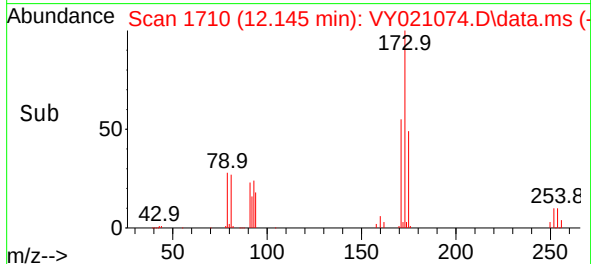
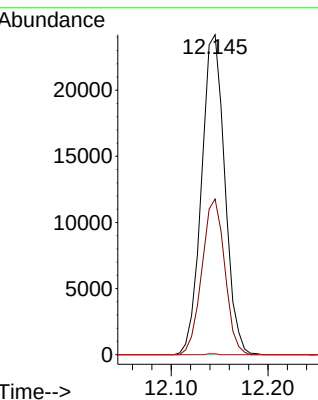
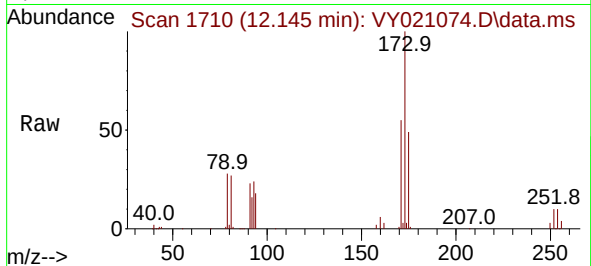
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025

Supervised By :Mahesh Dadoda 02/06/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

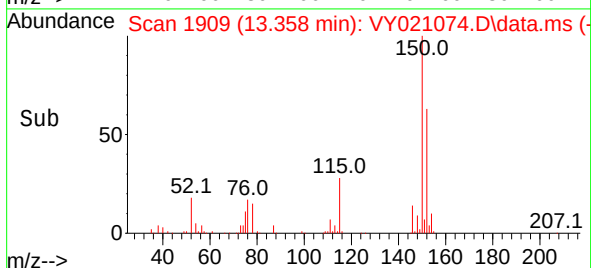
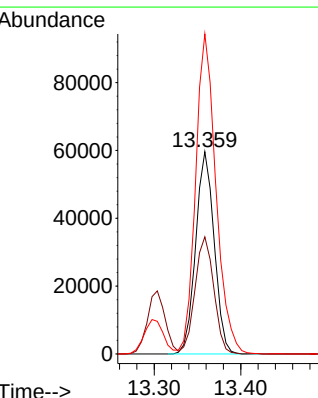
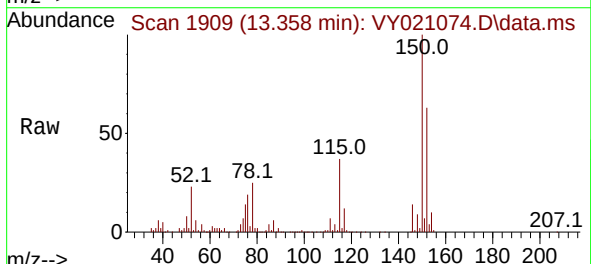
Tgt Ion:152 Resp: 88650

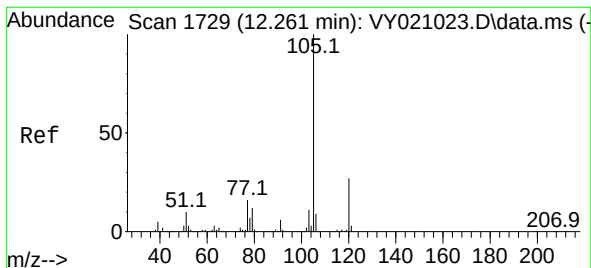
Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 174.0 0.0 344.6





#73

Isopropylbenzene

Concen: 53.535 ug/l

RT: 12.267 min Scan# 1730

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 370718

Ion Ratio Lower Upper

105 100

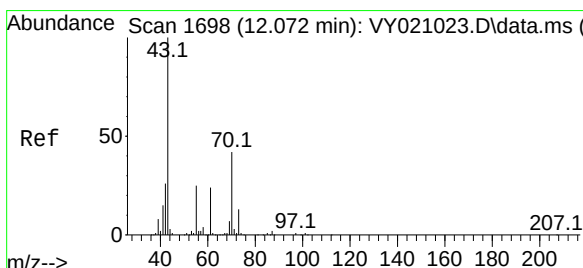
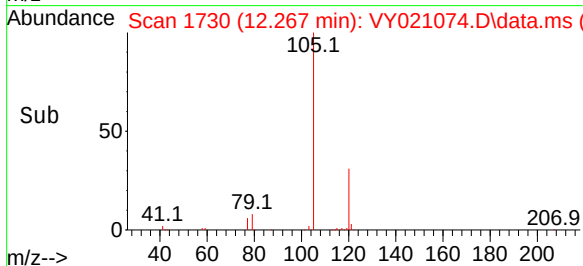
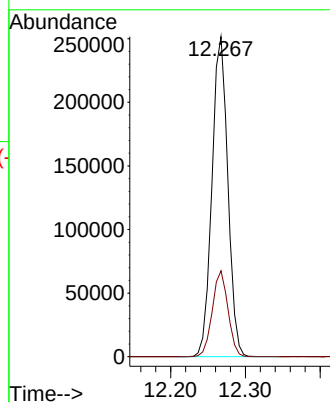
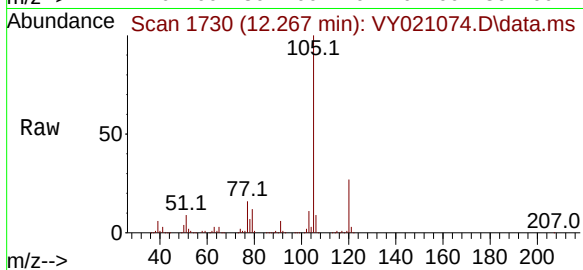
120 26.4 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025

Supervised By :Mahesh Dadoda 02/06/2025



#74

N-ethyl acetate

Concen: 48.191 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Tgt Ion: 43 Resp: 72960

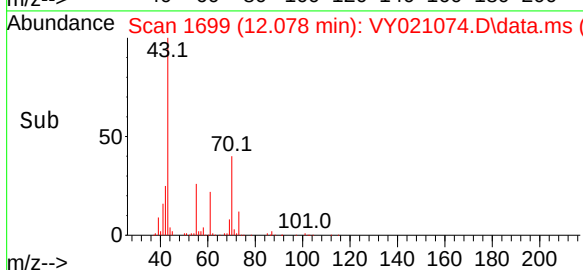
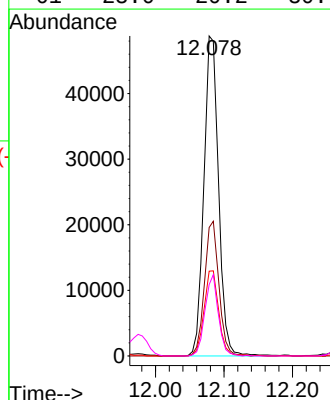
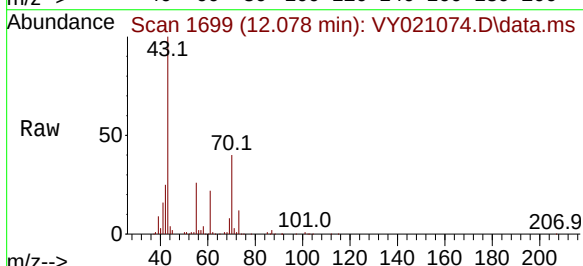
Ion Ratio Lower Upper

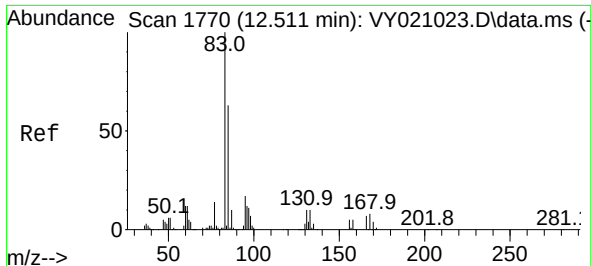
43 100

70 41.3 36.6 55.0

55 26.7 22.2 33.4

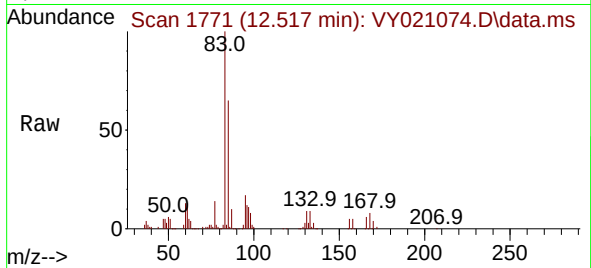
61 23.0 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 48.002 ug/l
RT: 12.517 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

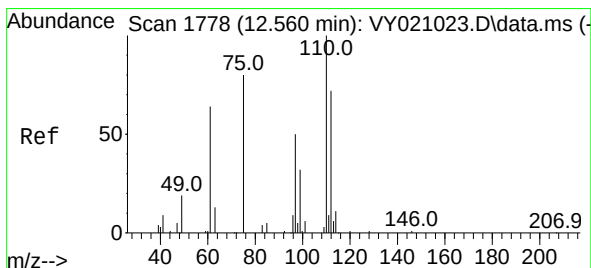
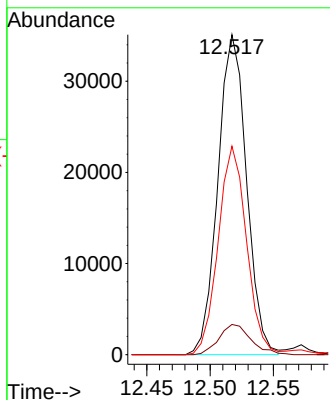
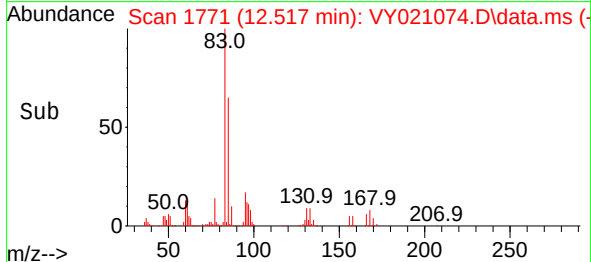
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



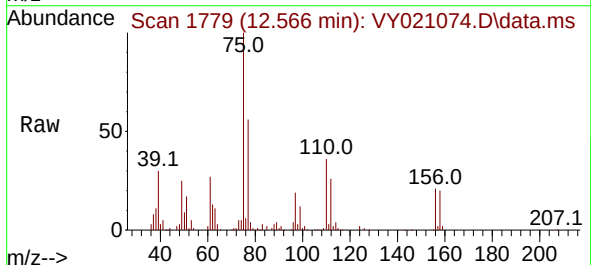
Tgt Ion: 83 Resp: 55283
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.6
85 64.6 32.6 98.0

Manual Integrations
APPROVED

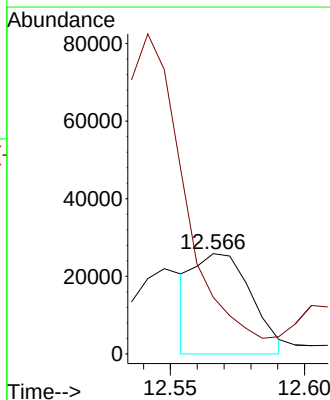
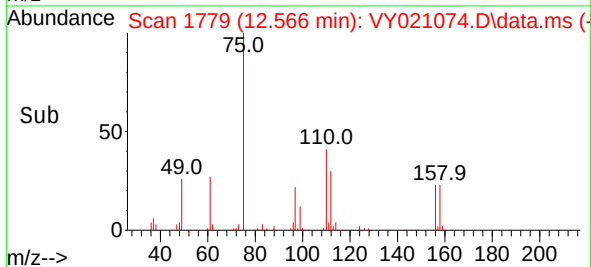
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

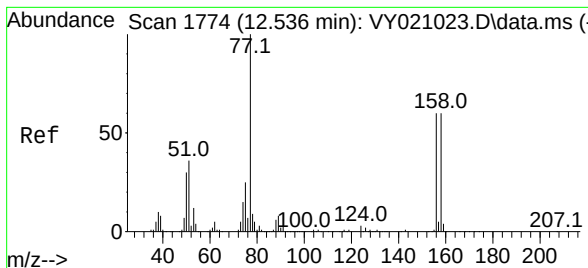


#76
1,2,3-Trichloropropane
Concen: 47.840 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



Tgt Ion: 75 Resp: 38471
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.373 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

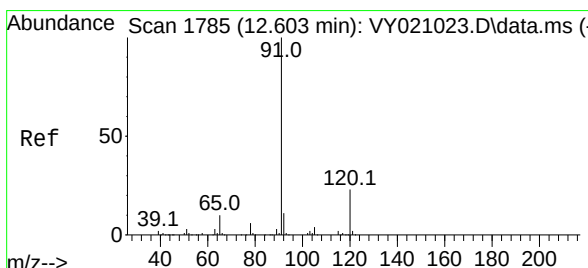
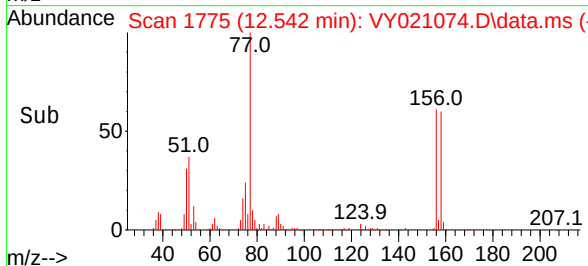
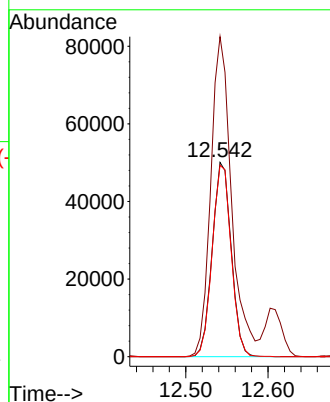
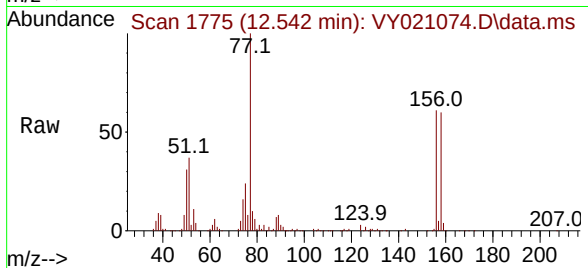
VSTDCCC050

Tgt Ion:	156	Resp:	80490
Ion Ratio	Lower	Upper	
156	100		
77	179.4	97.3	291.8
158	98.8	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#78

n-propylbenzene

Concen: 53.997 ug/l

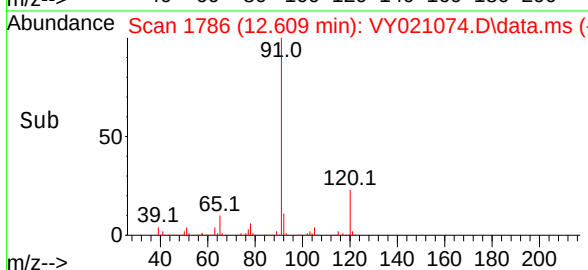
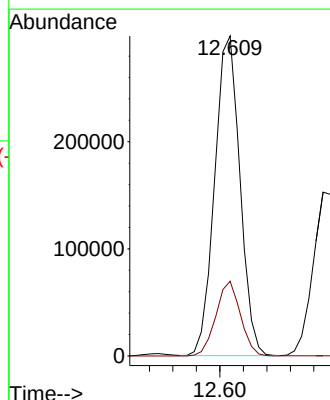
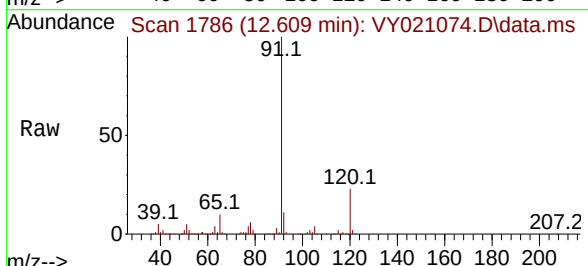
RT: 12.609 min Scan# 1786

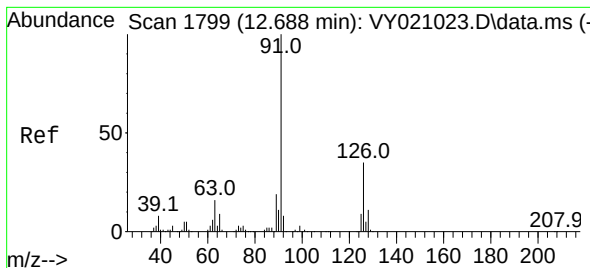
Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

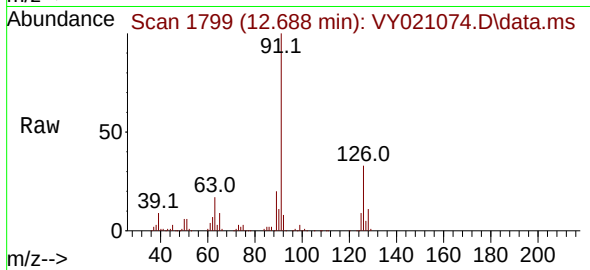
Tgt Ion:	91	Resp:	445428
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.0	33.0





#79
2-Chlorotoluene
Concen: 51.577 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

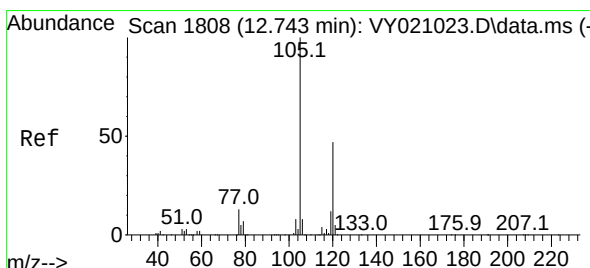
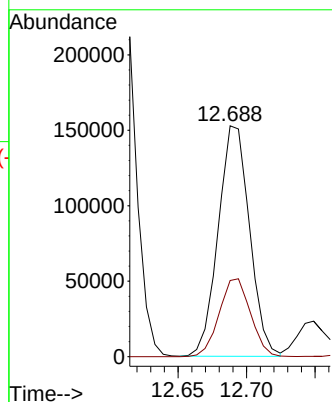
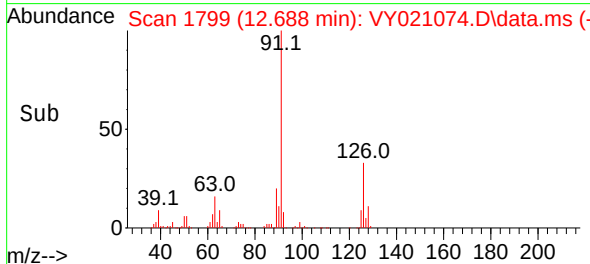
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



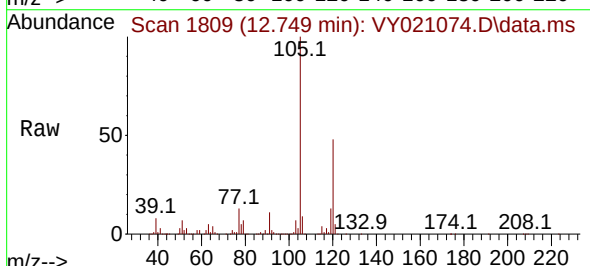
Tgt Ion: 91 Resp: 243682
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0

Manual Integrations
APPROVED

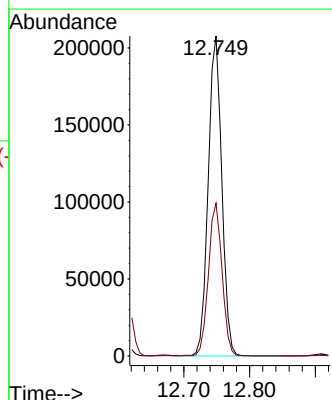
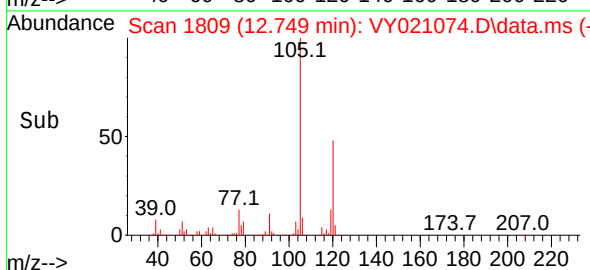
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

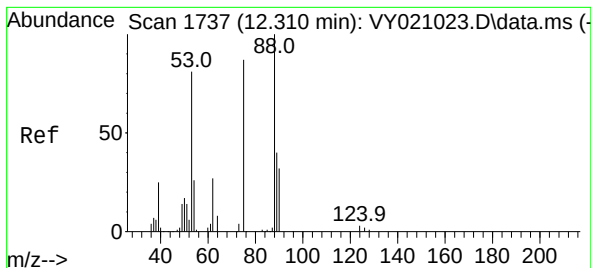


#80
1,3,5-Trimethylbenzene
Concen: 53.252 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



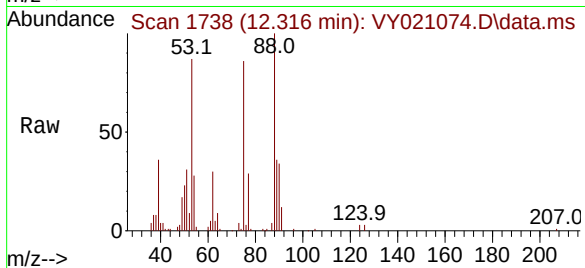
Tgt Ion:105 Resp: 298980
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 47.533 ug/l
RT: 12.316 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

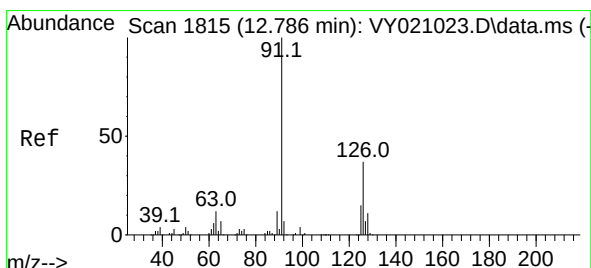
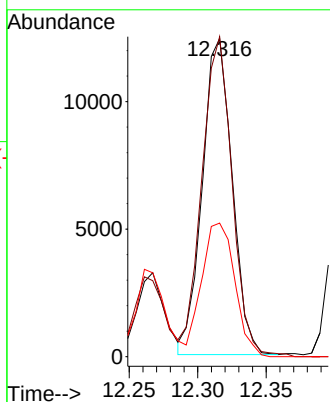
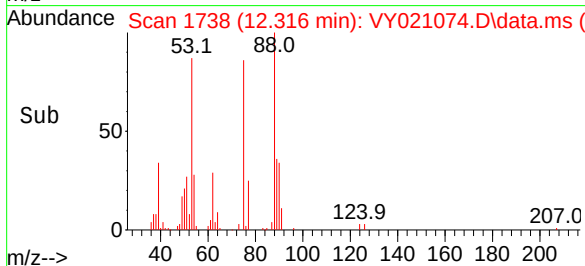
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 1873
Ion Ratio Lower Upper
75 100
53 102.8 74.0 111.0
89 46.8 36.5 54.7

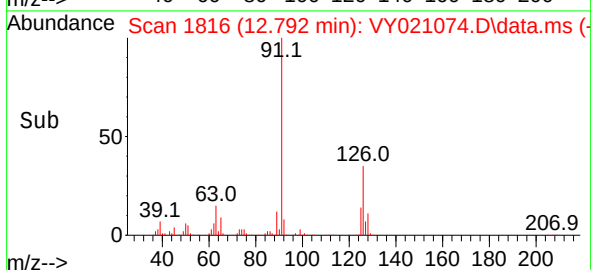
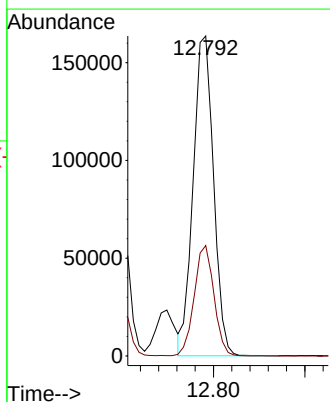
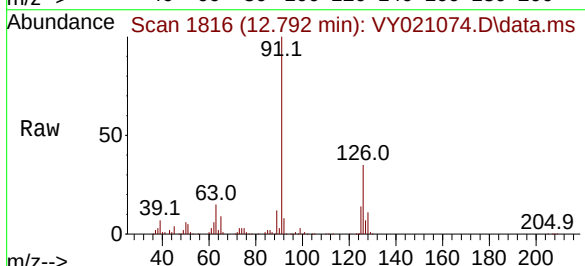
Manual Integrations
APPROVED

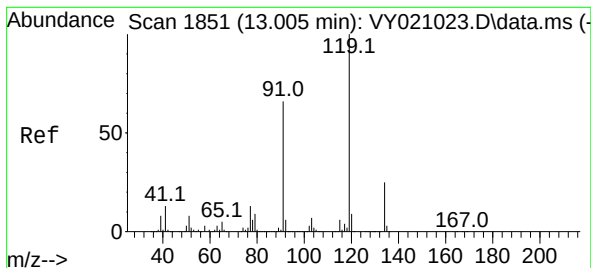
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#82
4-Chlorotoluene
Concen: 52.568 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Tgt Ion: 91 Resp: 253047
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2





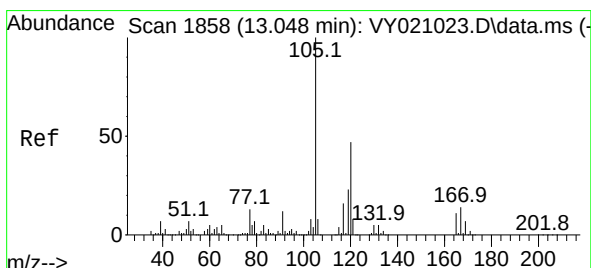
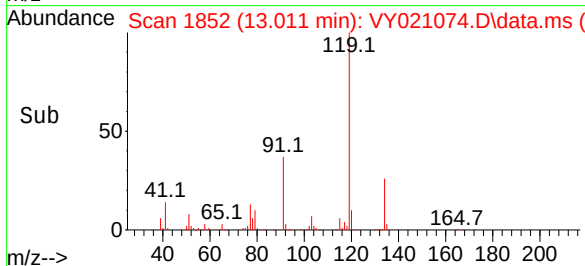
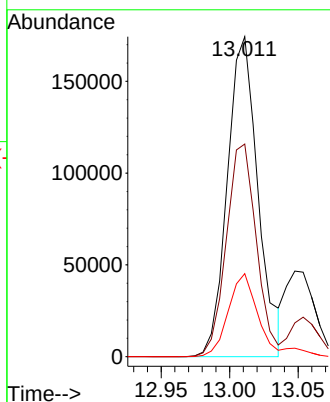
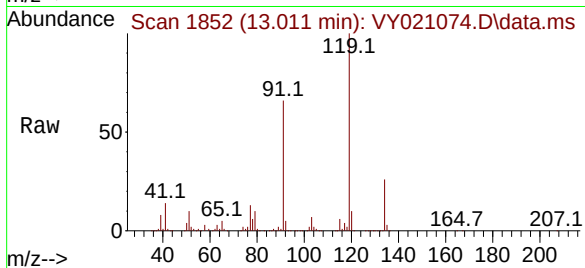
#83
tert-Butylbenzene
Concen: 53.291 ug/l
RT: 13.011 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 271959
Ion Ratio Lower Upper
119 100
91 65.2 31.5 94.5
134 26.6 13.1 39.3

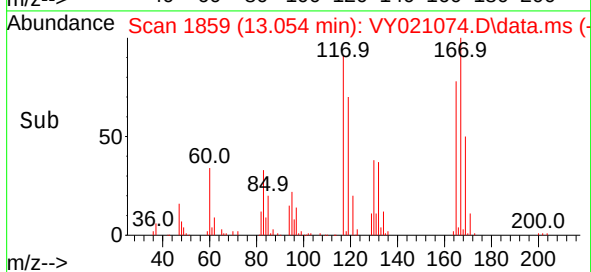
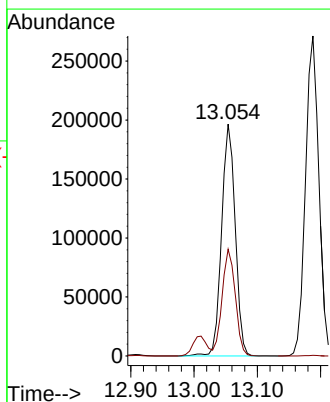
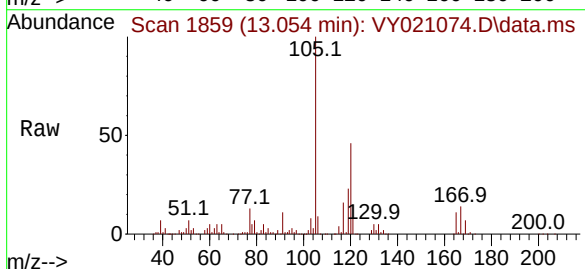
Manual Integrations
APPROVED

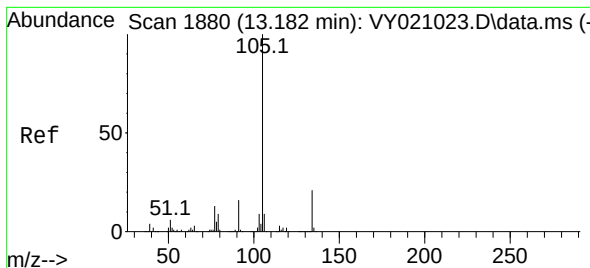
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#84
1,2,4-Trimethylbenzene
Concen: 53.264 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

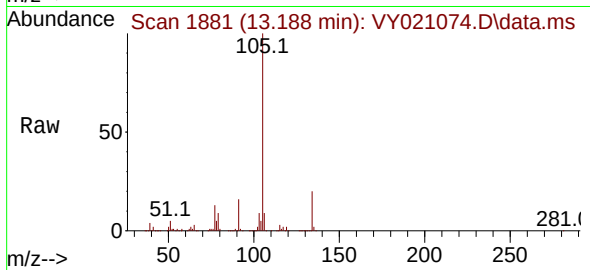
Tgt Ion:105 Resp: 292400
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 54.001 ug/l
 RT: 13.188 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY021074.D
 Acq: 05 Feb 2025 09:16

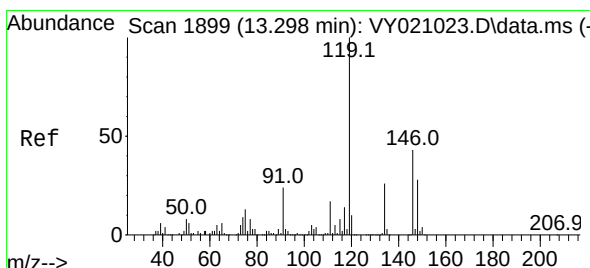
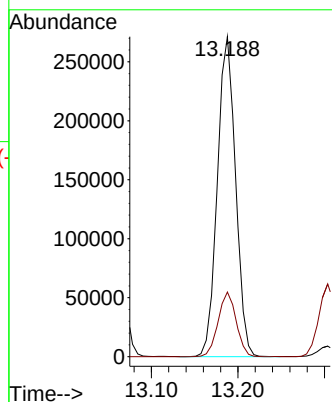
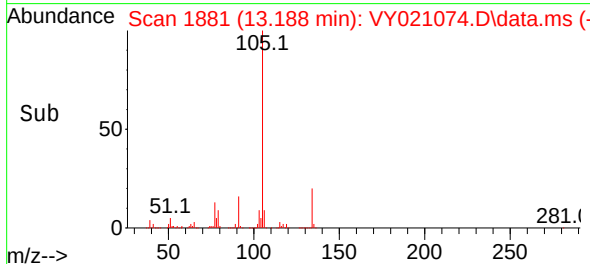
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 396688
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 28.9

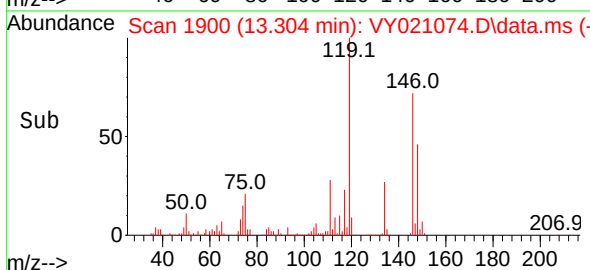
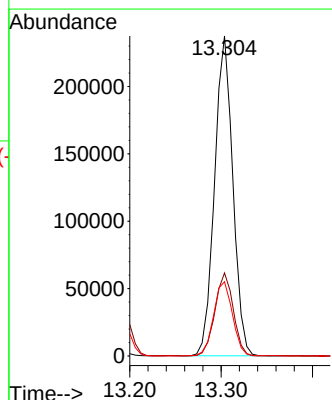
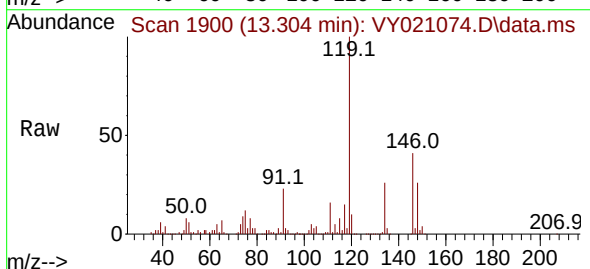
Manual Integrations
 APPROVED

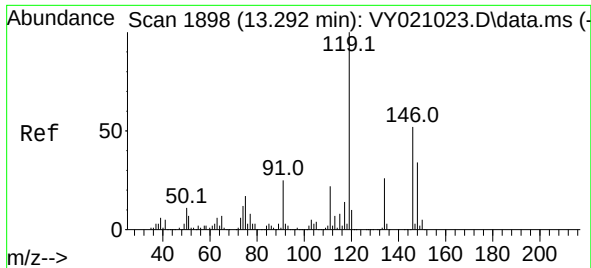
Reviewed By :Romaben Patel 02/06/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#86
 p-Isopropyltoluene
 Concen: 53.819 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VY021074.D
 Acq: 05 Feb 2025 09:16

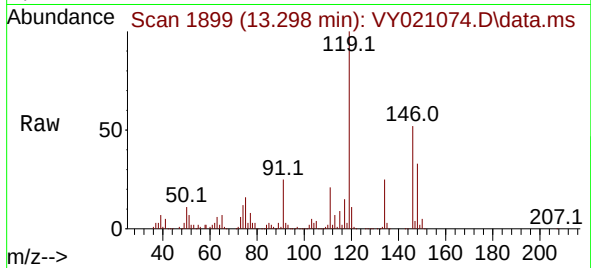
Tgt Ion:119 Resp: 328413
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 24.0 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 51.315 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

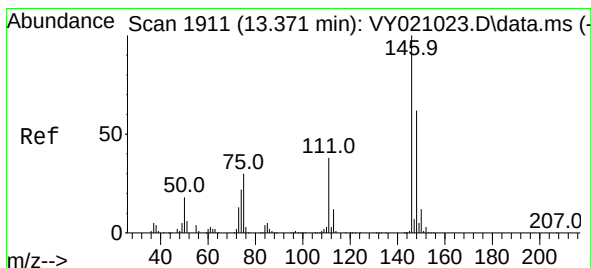
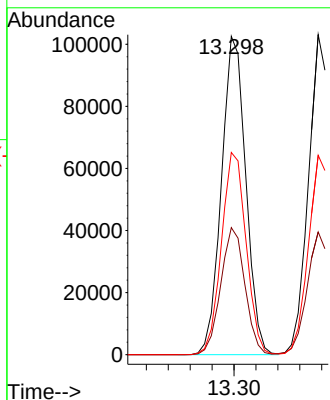
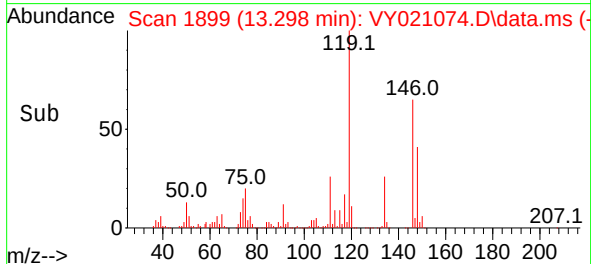
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



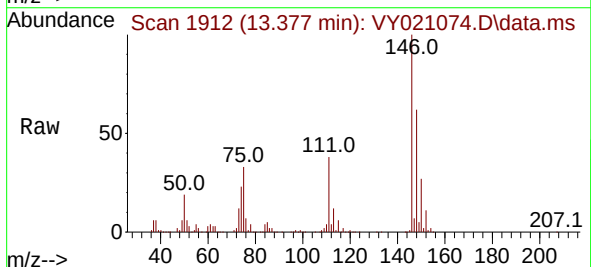
Tgt Ion:146 Resp: 158333
Ion Ratio Lower Upper
146 100
111 39.6 20.2 60.5
148 64.3 31.9 95.9

Manual Integrations
APPROVED

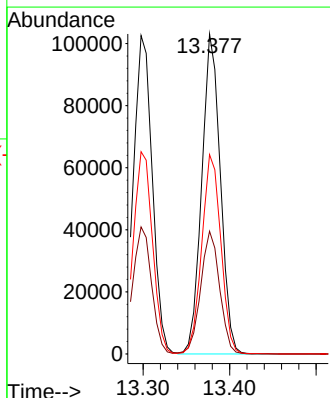
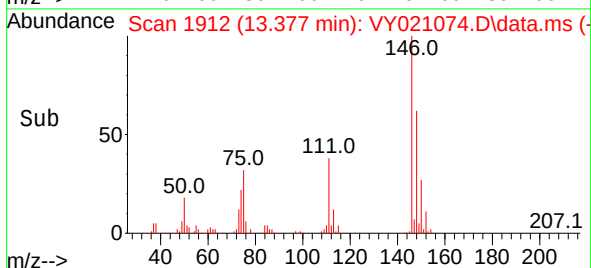
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

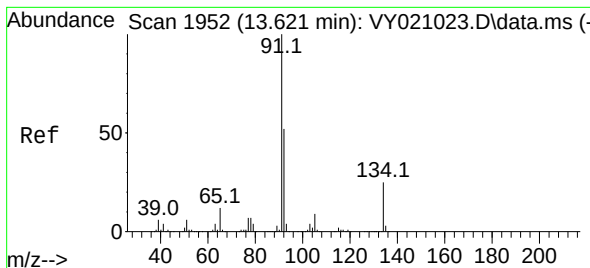


#88
1,4-Dichlorobenzene
Concen: 50.659 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



Tgt Ion:146 Resp: 153907
Ion Ratio Lower Upper
146 100
111 39.1 19.3 57.9
148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 54.807 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

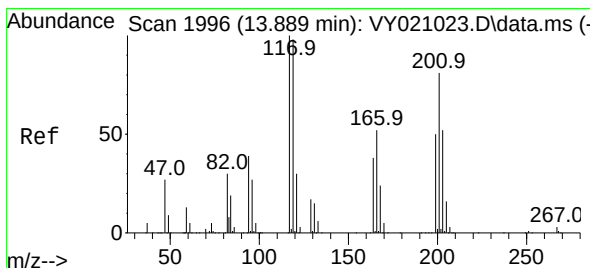
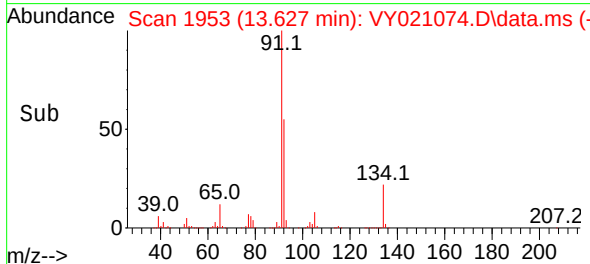
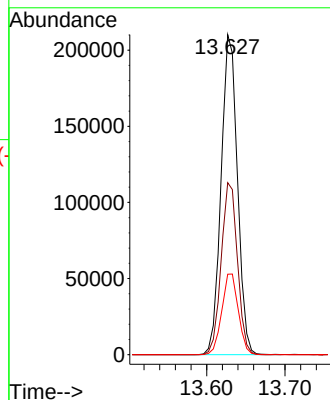
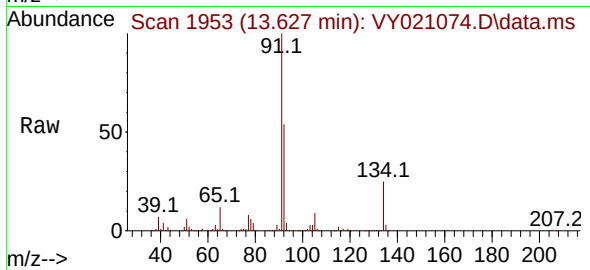
VSTDCCC050

Tgt Ion: 91	Resp: 30510
Ion Ratio	Lower Upper
91	100
92	53.5 26.4 79.2
134	25.5 12.3 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#90

Hexachloroethane

Concen: 52.810 ug/l

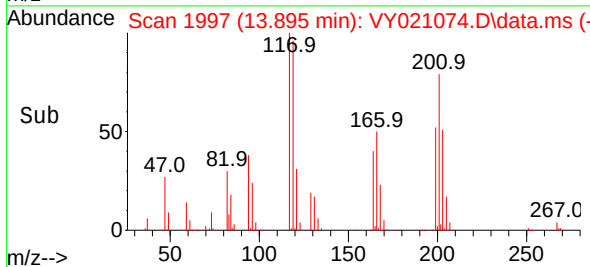
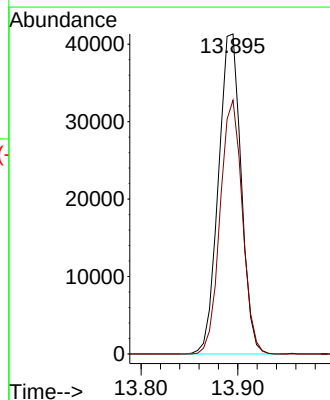
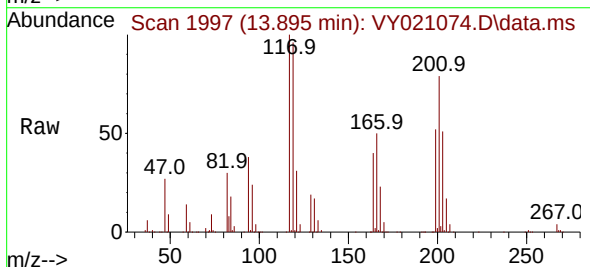
RT: 13.895 min Scan# 1997

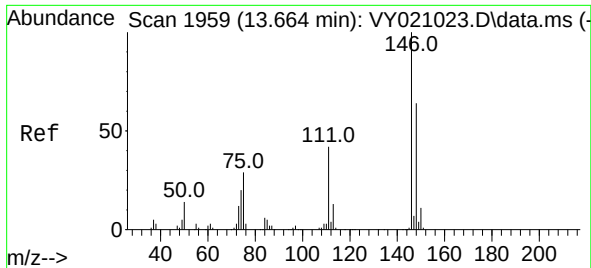
Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Tgt Ion:117	Resp: 67228
Ion Ratio	Lower Upper
117	100
201	77.6 33.4 100.1





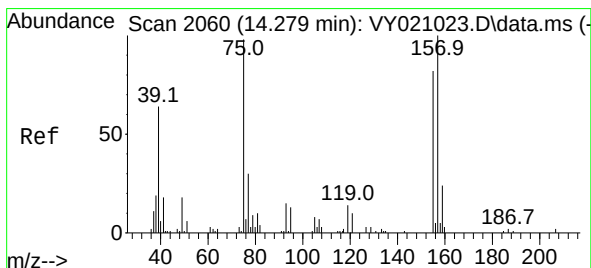
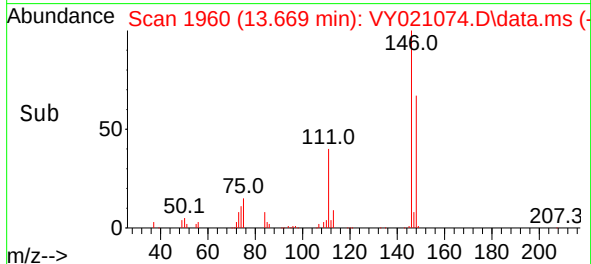
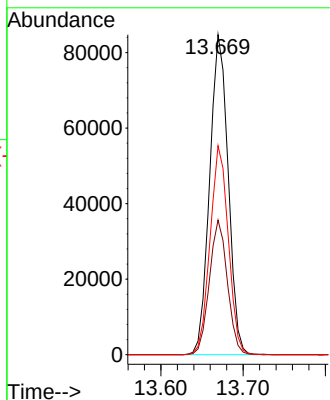
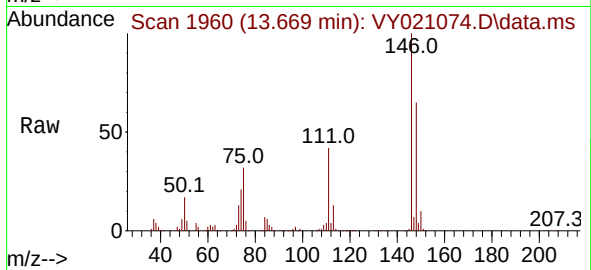
#91
1,2-Dichlorobenzene
Concen: 49.427 ug/l
RT: 13.669 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 132369
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.6
148 64.5 31.4 94.3

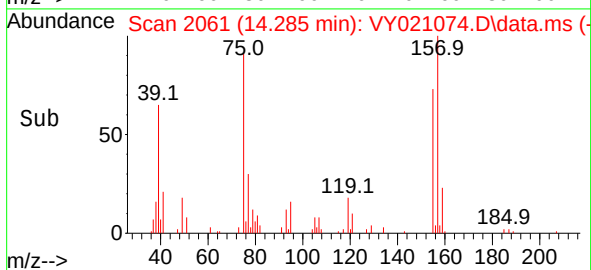
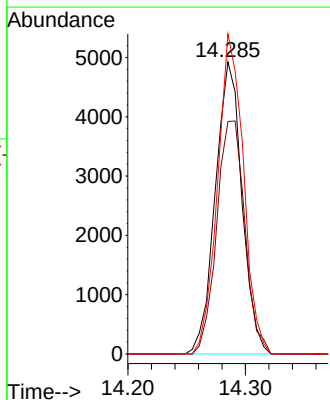
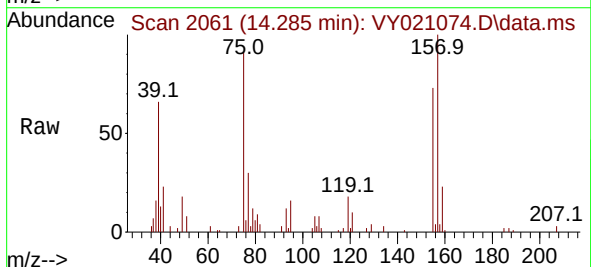
Manual Integrations
APPROVED

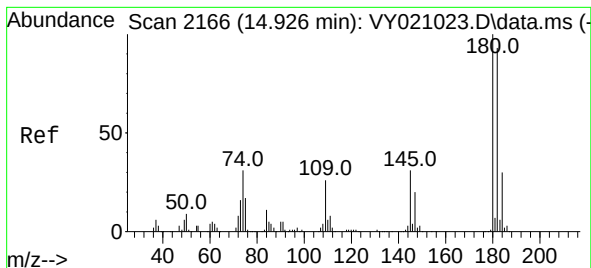
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.049 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

Tgt Ion: 75 Resp: 7753
Ion Ratio Lower Upper
75 100
155 84.1 42.1 126.3
157 106.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 48.834 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

Instrument :

MSVOA_Y

ClientSampleId :

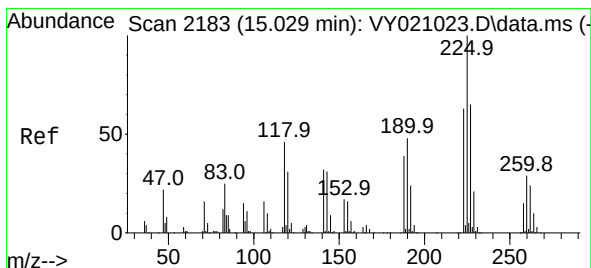
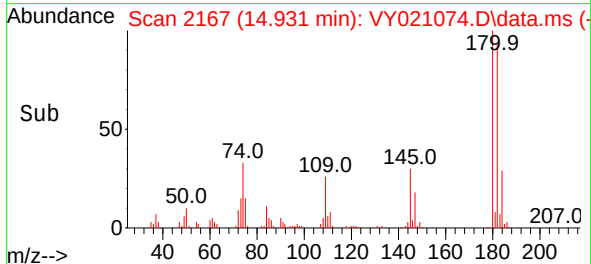
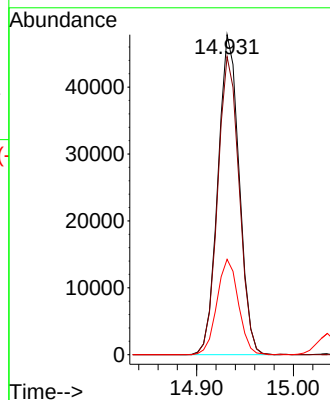
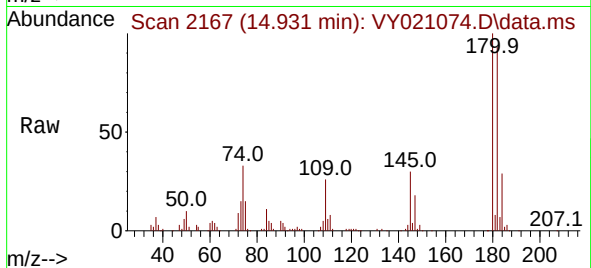
VSTDCCC050

Tgt Ion:180	Resp:	72790
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.9 143.7
145	30.1	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#94

Hexachlorobutadiene

Concen: 51.475 ug/l

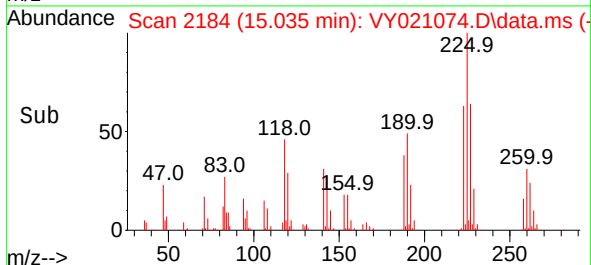
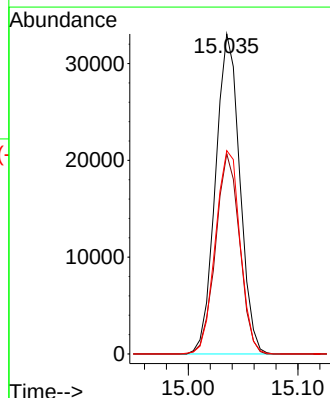
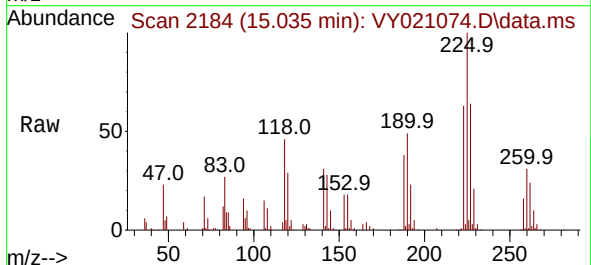
RT: 15.035 min Scan# 2184

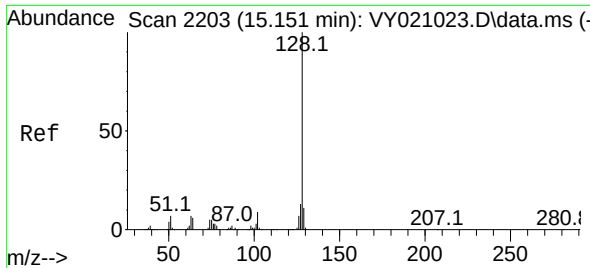
Delta R.T. 0.006 min

Lab File: VY021074.D

Acq: 05 Feb 2025 09:16

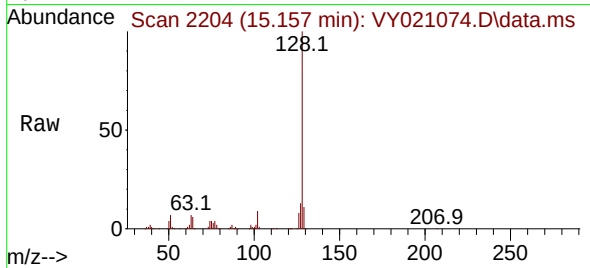
Tgt Ion:225	Resp:	50850
Ion Ratio	Lower	Upper
225	100	
223	61.8	31.4 94.3
227	64.8	32.3 96.8





#95
Naphthalene
Concen: 47.139 ug/l
RT: 15.157 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16

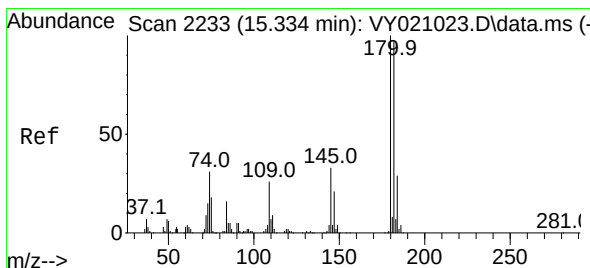
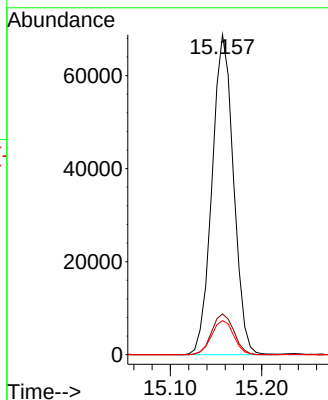
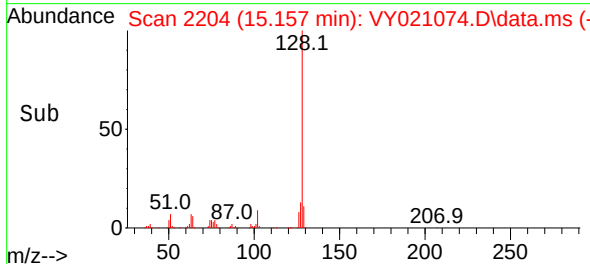
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



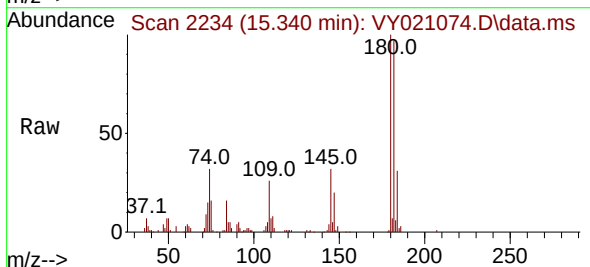
Tgt Ion:128 Resp: 11242
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.174 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021074.D
Acq: 05 Feb 2025 09:16



Tgt Ion:180 Resp: 58522
Ion Ratio Lower Upper
180 100
182 96.6 46.3 138.8
145 31.7 16.1 48.2

