

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021576.D
 Acq On : 20 Mar 2025 12:45
 Operator : SY/MD
 Sample : VY0320SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025

Quant Time: Mar 21 01:32:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	231575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	366806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	325732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	168830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	119375	48.772	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.540%		
35) Dibromofluoromethane	7.634	113	115893	48.067	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.140%		
50) Toluene-d8	10.109	98	423384	46.378	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.760%		
62) 4-Bromofluorobenzene	12.408	95	148255	47.742	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	36919	17.373	ug/l	99
3) Chloromethane	2.068	50	52986	17.685	ug/l	100
4) Vinyl Chloride	2.202	62	60068	18.346	ug/l	98
5) Bromomethane	2.592	94	43985	18.588	ug/l	100
6) Chloroethane	2.733	64	42572	19.676	ug/l	96
7) Trichlorofluoromethane	3.056	101	99416	21.754	ug/l	97
8) Diethyl Ether	3.452	74	30014	23.699	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	55575	21.300	ug/l	99
10) Methyl Iodide	4.001	142	56344	21.244	ug/l	98
11) Tert butyl alcohol	4.860	59	20893	119.528	ug/l	98
12) 1,1-Dichloroethene	3.787	96	49976	21.009	ug/l	99
13) Acrolein	3.647	56	12819	102.968	ug/l	90
14) Allyl chloride	4.379	41	85532	22.250	ug/l	99
15) Acrylonitrile	5.061	53	56761	105.285	ug/l	99
16) Acetone	3.867	43	53699	100.589	ug/l	92
17) Carbon Disulfide	4.104	76	137388	18.429	ug/l	98
18) Methyl Acetate	4.379	43	30078	25.393	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	122395	20.300	ug/l	98
20) Methylene Chloride	4.610	84	62377	22.259	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	50167	18.831	ug/l	92
22) Diisopropyl ether	6.012	45	169546	20.465	ug/l	99
23) Vinyl Acetate	5.958	43	477657	101.025	ug/l	99
24) 1,1-Dichloroethane	5.915	63	97620	19.965	ug/l	98
25) 2-Butanone	6.890	43	71612	96.974	ug/l	99
26) 2,2-Dichloropropane	6.884	77	84873	18.865	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	60776	20.082	ug/l	98
28) Bromochloromethane	7.244	49	39878	19.454	ug/l	97
29) Tetrahydrofuran	7.262	42	46217	101.377	ug/l	99
30) Chloroform	7.421	83	104519	20.585	ug/l	96
31) Cyclohexane	7.701	56	77158	16.832	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	91476	19.677	ug/l	100
36) 1,1-Dichloropropene	7.835	75	67892	17.989	ug/l	100
37) Ethyl Acetate	6.982	43	32071	19.226	ug/l	97
38) Carbon Tetrachloride	7.817	117	81429	18.760	ug/l	97
39) Methylcyclohexane	9.109	83	76733	16.575	ug/l	98
40) Benzene	8.079	78	215395	19.374	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	17414	19.173	ug/l #	89
42) 1,2-Dichloroethane	8.158	62	62053	19.951	ug/l	99
43) Isopropyl Acetate	8.195	43	64063	19.784	ug/l #	89
44) Trichloroethene	8.866	130	54800	19.506	ug/l	97
45) 1,2-Dichloropropane	9.140	63	51628	19.512	ug/l	97
46) Dibromomethane	9.231	93	29503	20.039	ug/l	96
47) Bromodichloromethane	9.420	83	79744	20.396	ug/l	99
48) Methyl methacrylate	9.219	41	28159	18.937	ug/l	91
49) 1,4-Dioxane	9.231	88	6452	446.484	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	169902	101.689	ug/l	100
52) Toluene	10.170	92	146875	20.955	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	69414	20.151	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	81830	20.009	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	39107	20.306	ug/l	99
56) Ethyl methacrylate	10.439	69	48897	19.908	ug/l	99
57) 1,3-Dichloropropane	10.719	76	66788	20.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	109484	96.562	ug/l	98
59) 2-Hexanone	10.762	43	108475	98.187	ug/l	100
60) Dibromochloromethane	10.914	129	53210	20.154	ug/l	97
61) 1,2-Dibromoethane	11.018	107	37012	20.363	ug/l	97
64) Tetrachloroethene	10.646	164	58721	22.169	ug/l	96
65) Chlorobenzene	11.444	112	148156	19.261	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	54275	19.958	ug/l	98
67) Ethyl Benzene	11.518	91	253642	18.787	ug/l	99
68) m/p-Xylenes	11.627	106	194960	38.036	ug/l	99
69) o-Xylene	11.957	106	91040	19.272	ug/l	98
70) Styrene	11.969	104	154520	19.717	ug/l	99
71) Bromoform	12.133	173	31320	20.602	ug/l #	98
73) Isopropylbenzene	12.255	105	240797	18.106	ug/l	100
74) N-amyl acetate	12.072	43	54428	18.845	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	44624	19.014	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	33819m	19.879	ug/l	
77) Bromobenzene	12.536	156	58865	18.920	ug/l	98
78) n-propylbenzene	12.597	91	297325	18.408	ug/l	100
79) 2-Chlorotoluene	12.682	91	170059	18.414	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	200466	18.548	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	13596	18.168	ug/l	95
82) 4-Chlorotoluene	12.780	91	179837	18.805	ug/l	100
83) tert-Butylbenzene	12.999	119	180067	18.676	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	202288	18.851	ug/l	100
85) sec-Butylbenzene	13.176	105	262347	18.288	ug/l	98
86) p-Isopropyltoluene	13.292	119	216480	18.317	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	116097	18.746	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	115931	19.140	ug/l	99
89) n-Butylbenzene	13.621	91	196718	18.026	ug/l	100
90) Hexachloroethane	13.877	117	46236	18.339	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	103112	19.425	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6875	19.556	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	56200	19.384	ug/l	97
94) Hexachlorobutadiene	15.023	225	35059	19.290	ug/l	99
95) Naphthalene	15.145	128	90032	20.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	48073	19.714	ug/l	99

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VY0320SBS01

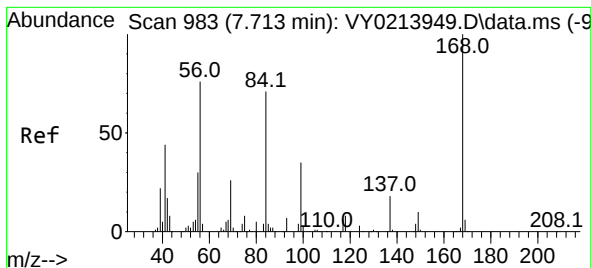
Manual Integrations
APPROVED

Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

Quant Time: Mar 21 01:32:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021576.D

Acq: 20 Mar 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion:168 Resp: 23157

Ion Ratio Lower Upper

168 100

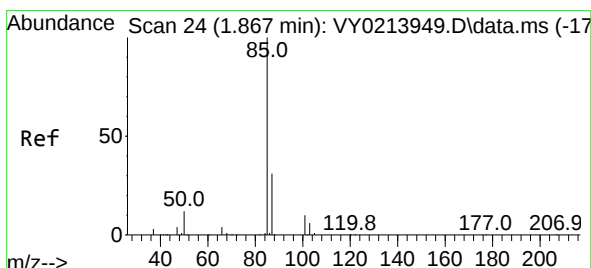
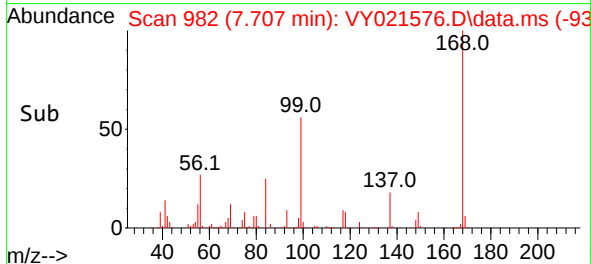
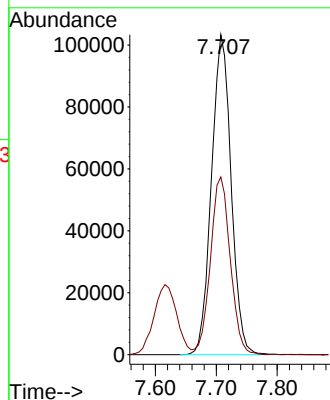
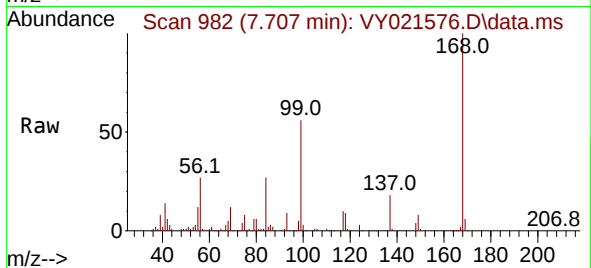
99 55.5 46.0 69.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.373 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY021576.D

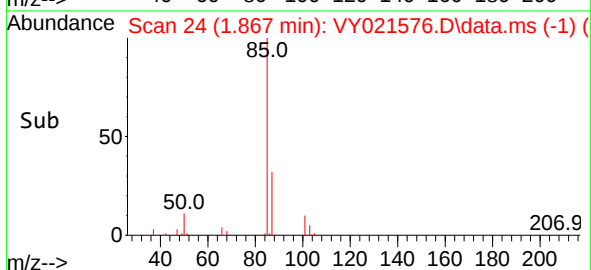
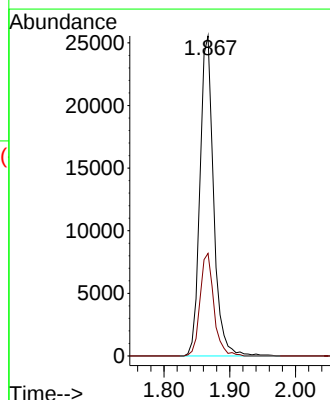
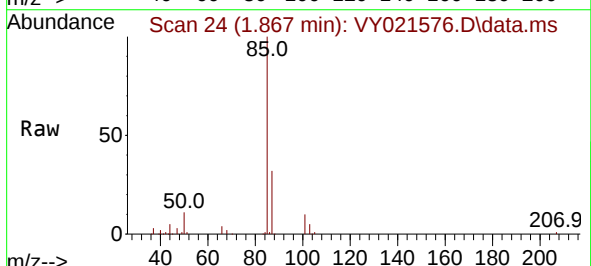
Acq: 20 Mar 2025 12:45

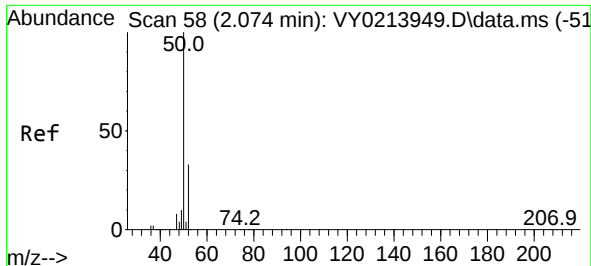
Tgt Ion: 85 Resp: 36919

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0





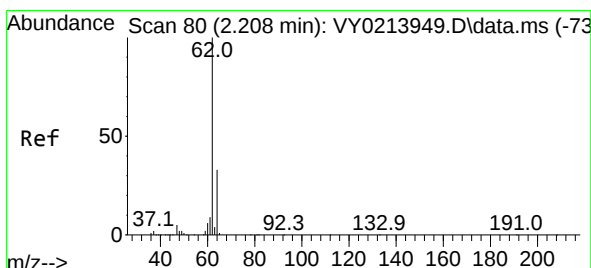
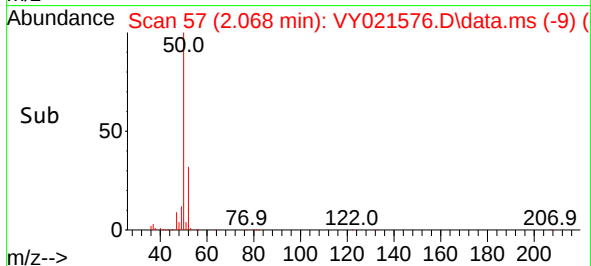
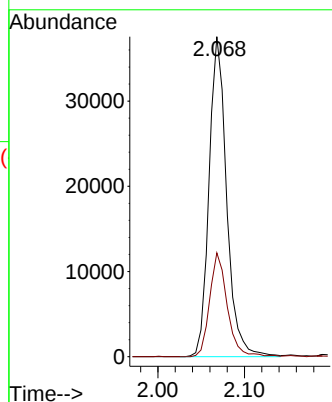
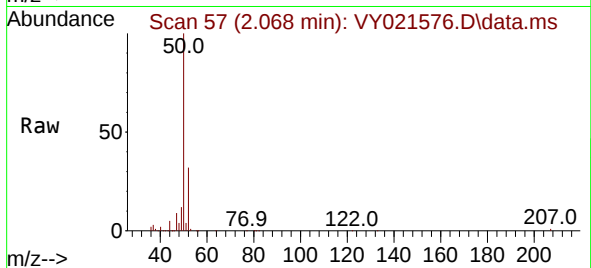
#3
Chloromethane
Concen: 17.685 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Instrument :
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ClientSampleId :
VY0320SBS01

Tgt Ion: 50 Resp: 52980
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.2

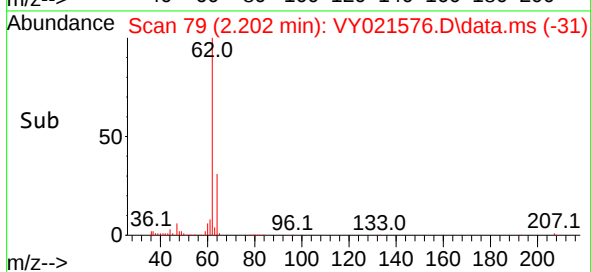
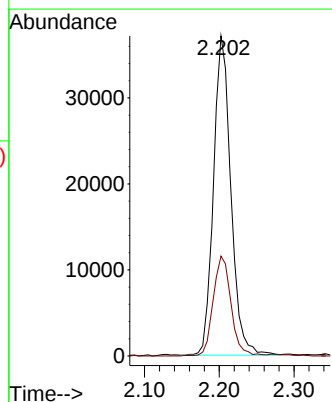
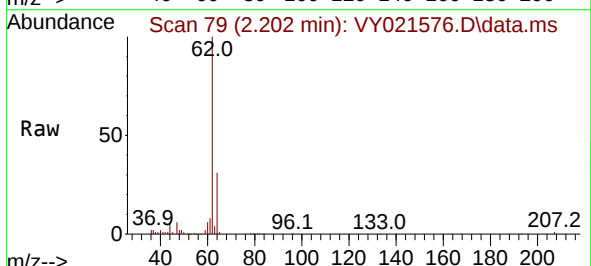
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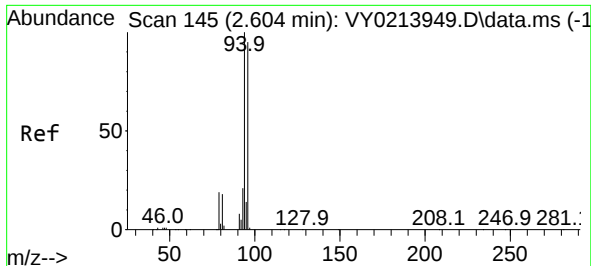
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#4
Vinyl Chloride
Concen: 18.346 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

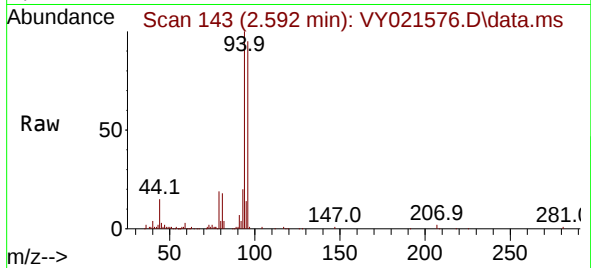
Tgt Ion: 62 Resp: 60068
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2





#5
Bromomethane
Concen: 18.588 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

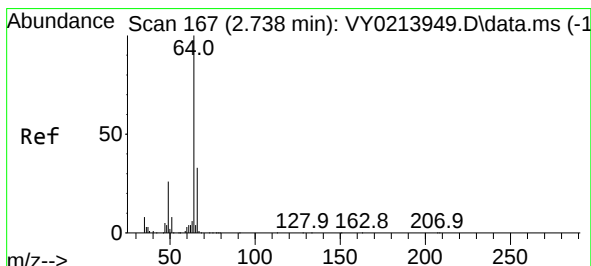
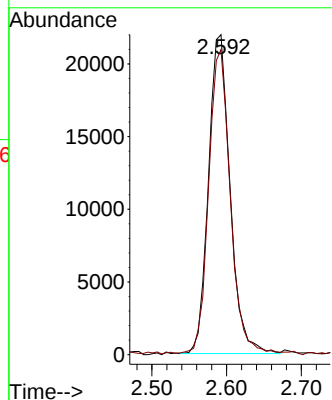
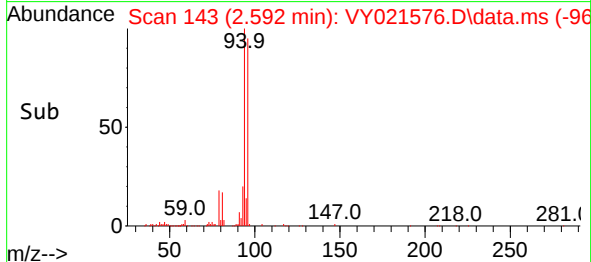
Instrument :
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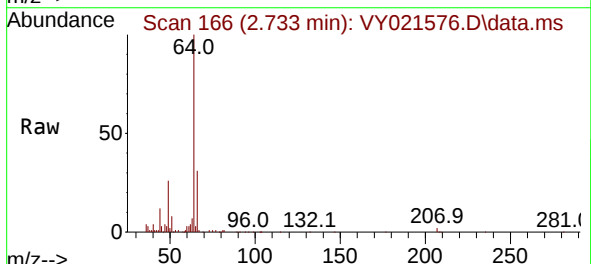
Tgt Ion: 94 Resp: 43985
Ion Ratio Lower Upper
94 100
96 95.1 76.3 114.5

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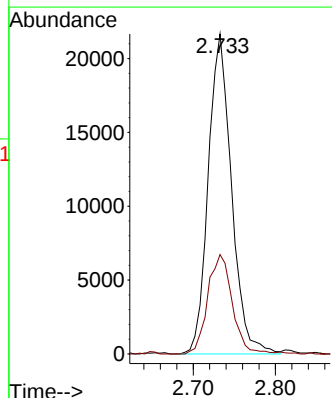
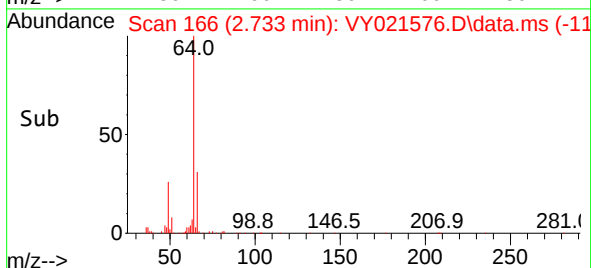
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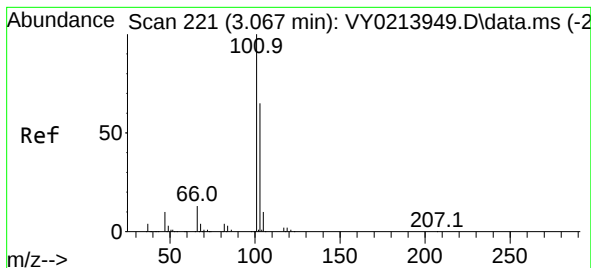


#6
Chloroethane
Concen: 19.676 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021576.D
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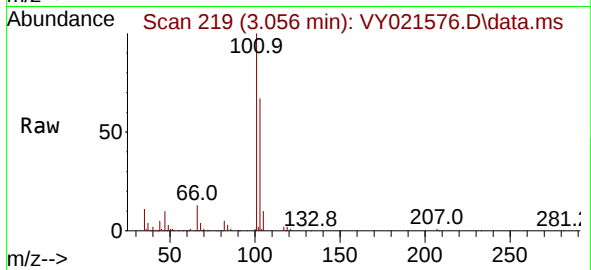
Tgt Ion: 64 Resp: 42572
Ion Ratio Lower Upper
64 100
66 31.0 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 21.754 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021576.D
 Acq: 20 Mar 2025 12:45

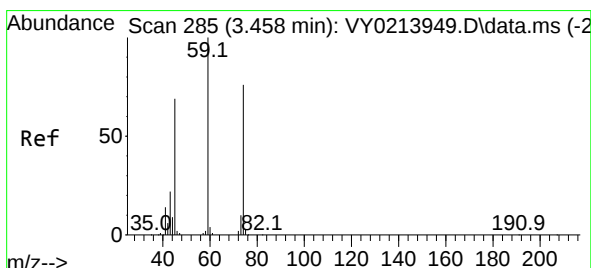
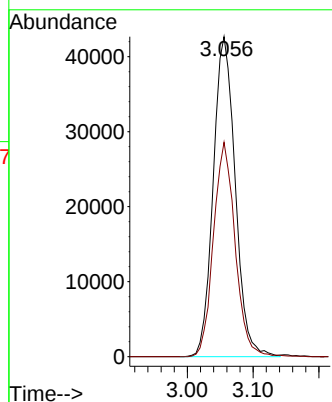
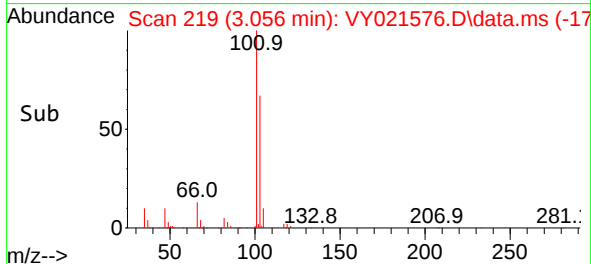
Instrument :
 MSVOA_Y
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 VY0320SBS01



Tgt Ion:101 Resp: 99410
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.7 77.5

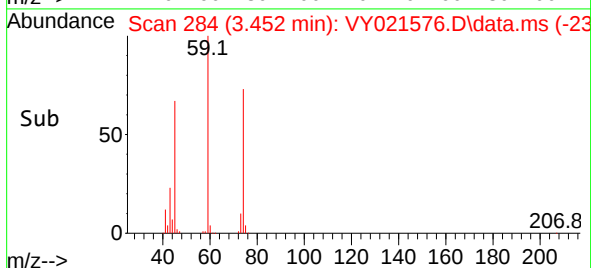
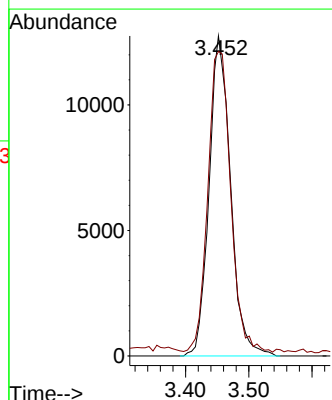
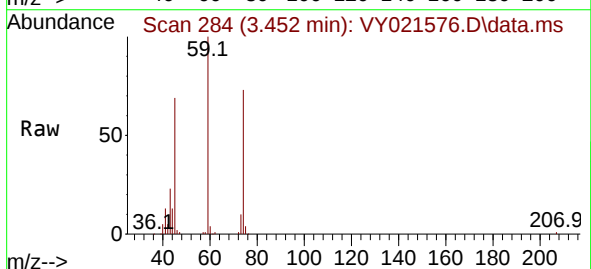
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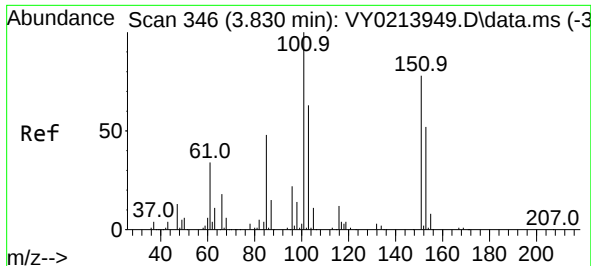
Reviewed By :Amit Patel 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#8
 Diethyl Ether
 Concen: 23.699 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021576.D
 Acq: 20 Mar 2025 12:45

Tgt Ion: 74 Resp: 30014
 Ion Ratio Lower Upper
 74 100
 45 99.8 49.7 149.1





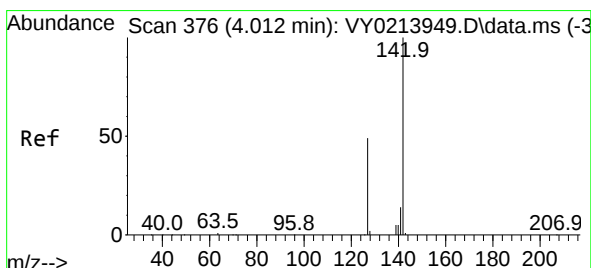
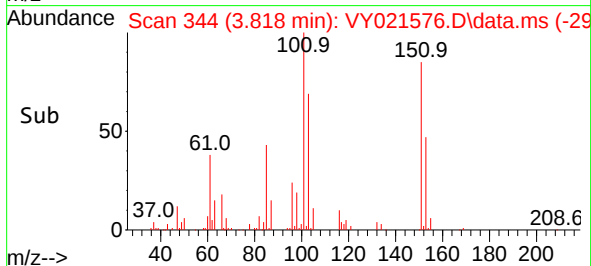
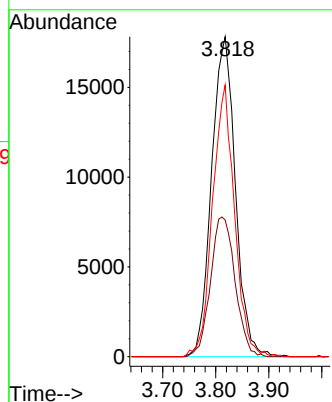
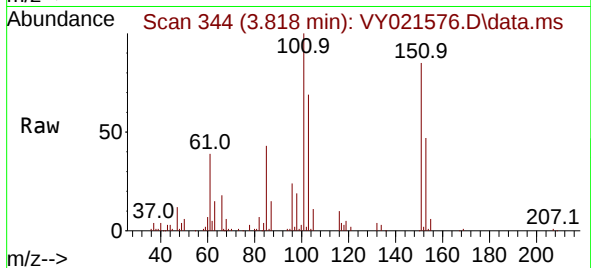
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.300 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion:101 Resp: 5557
Ion Ratio Lower Upper
101 100
85 45.2 37.1 55.7
151 78.4 62.1 93.1

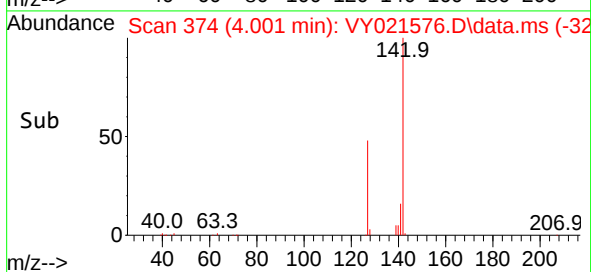
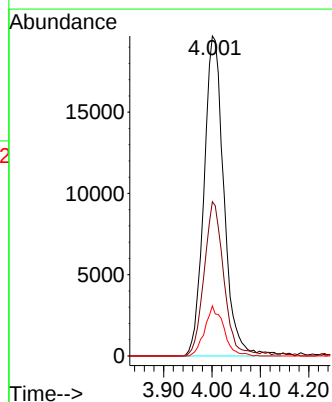
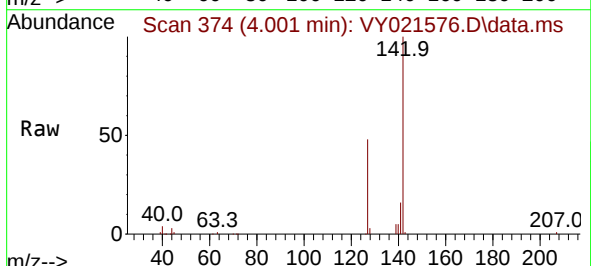
Manual Integrations
APPROVED

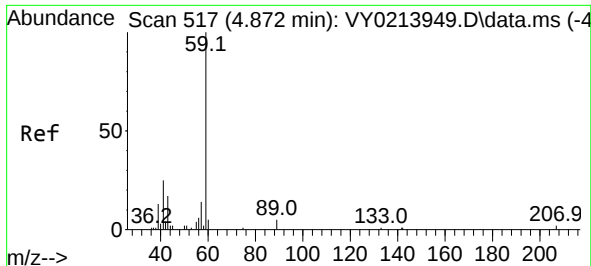
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#10
Methyl Iodide
Concen: 21.244 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

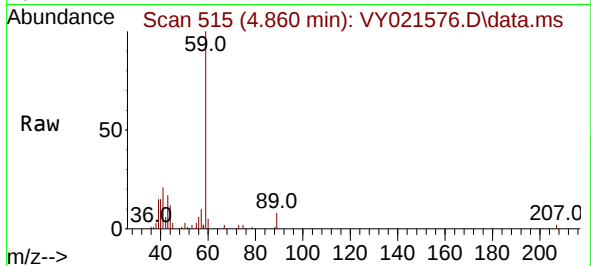
Tgt Ion:142 Resp: 56344
Ion Ratio Lower Upper
142 100
127 47.5 39.1 58.7
141 14.9 11.8 17.6





#11
Tert butyl alcohol
Concen: 119.528 ug/l
RT: 4.860 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

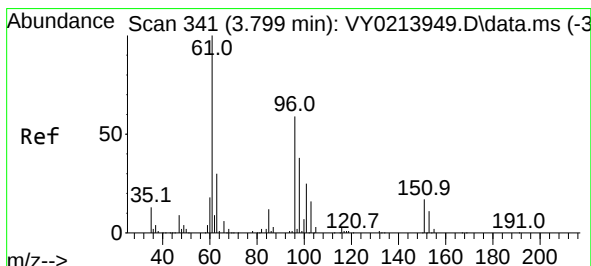
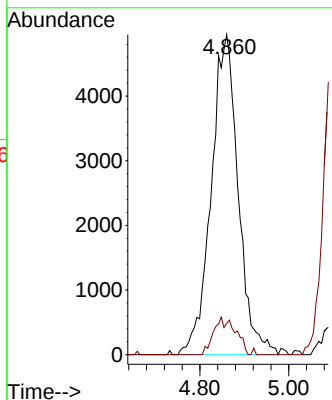
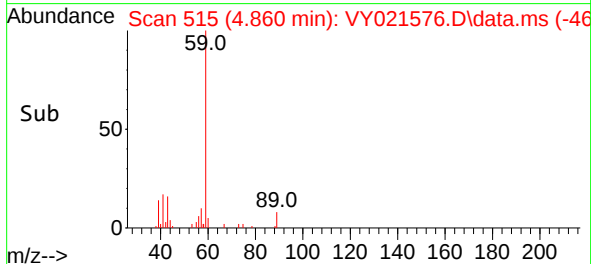
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion: 59 Resp: 2089
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4

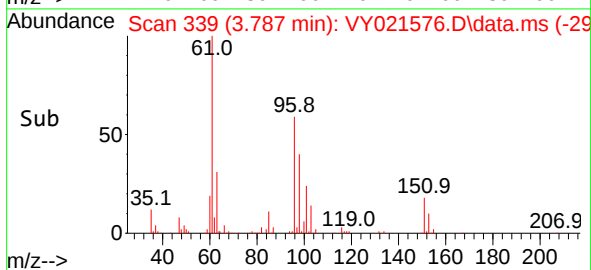
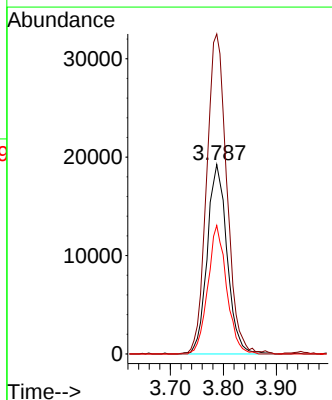
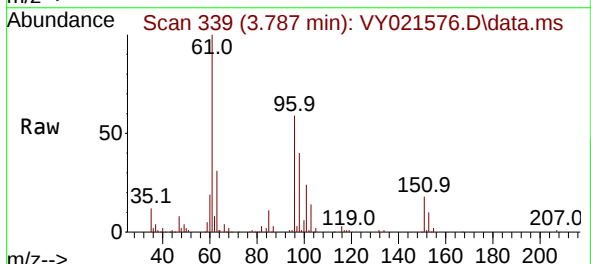
Manual Integrations
APPROVED

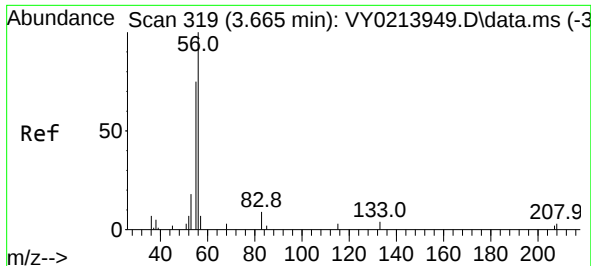
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#12
1,1-Dichloroethene
Concen: 21.009 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

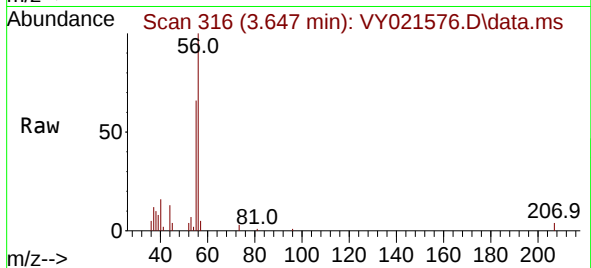
Tgt Ion: 96 Resp: 49976
Ion Ratio Lower Upper
96 100
61 168.9 135.2 202.8
98 67.8 51.4 77.2





#13
Acrolein
Concen: 102.968 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

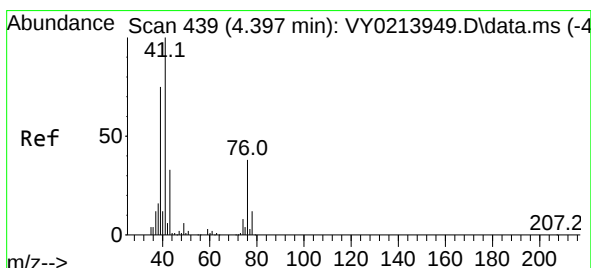
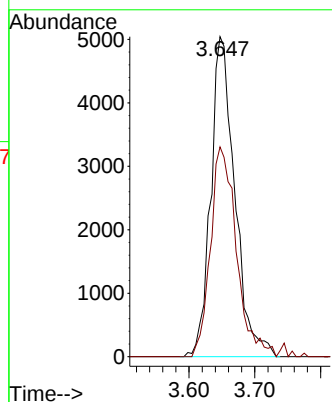
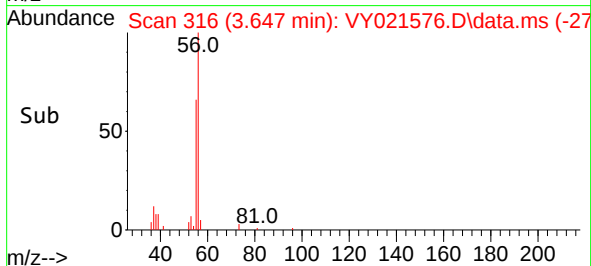
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion: 56 Resp: 12819
Ion Ratio Lower Upper
56 100
55 70.6 63.4 95.2

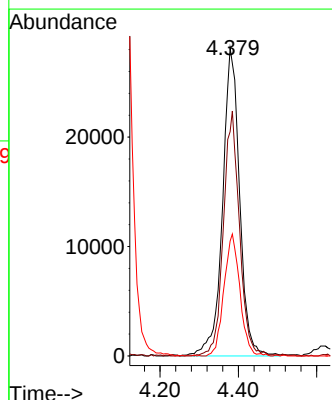
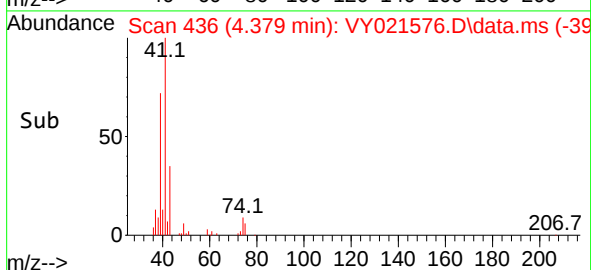
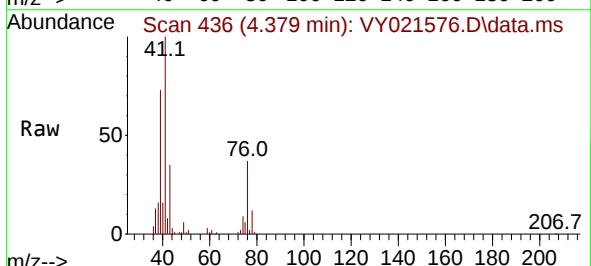
Manual Integrations
APPROVED

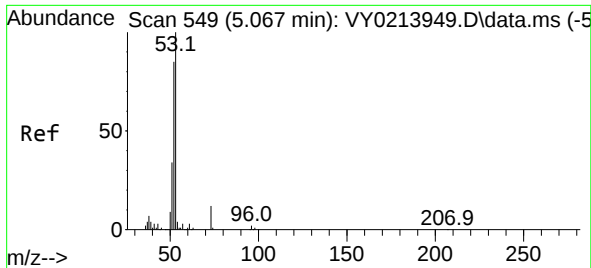
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#14
Allyl chloride
Concen: 22.250 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

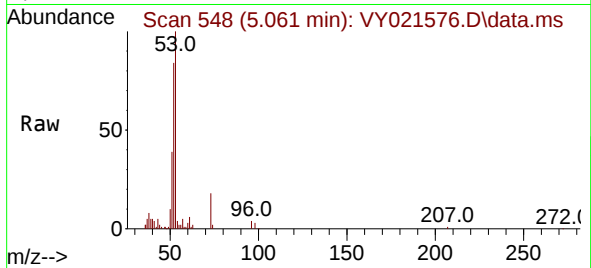
Tgt Ion: 41 Resp: 85532
Ion Ratio Lower Upper
41 100
39 74.7 59.3 88.9
76 37.0 29.8 44.8





#15
Acrylonitrile
Concen: 105.285 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

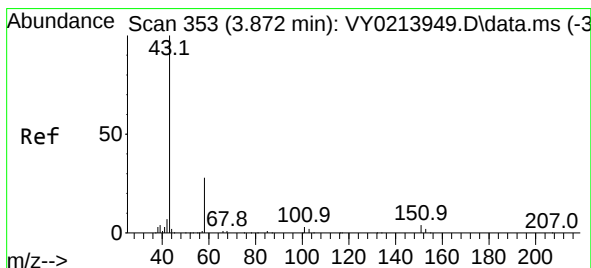
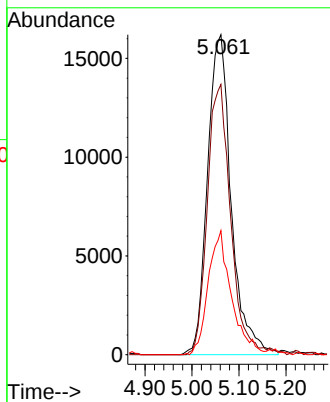
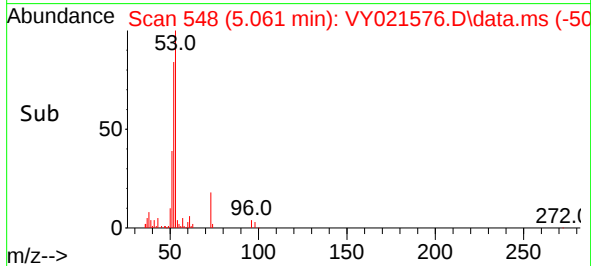
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion: 53 Resp: 5676
Ion Ratio Lower Upper
53 100
52 83.6 66.3 99.5
51 37.8 30.3 45.5

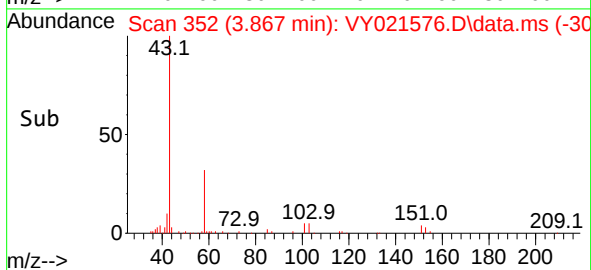
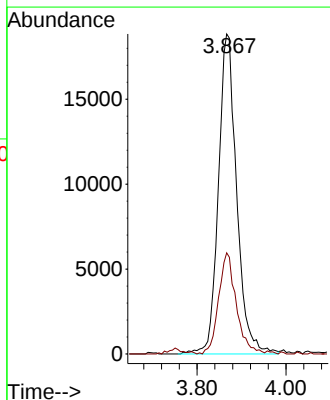
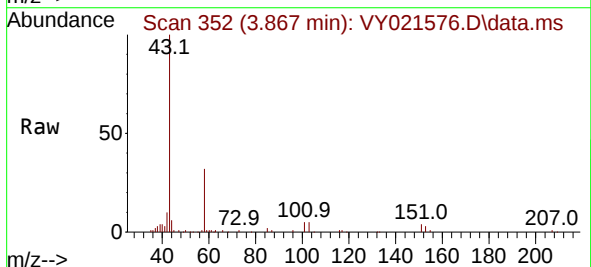
Manual Integrations
APPROVED

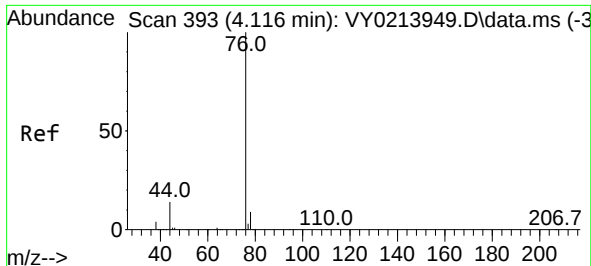
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#16
Acetone
Concen: 100.589 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

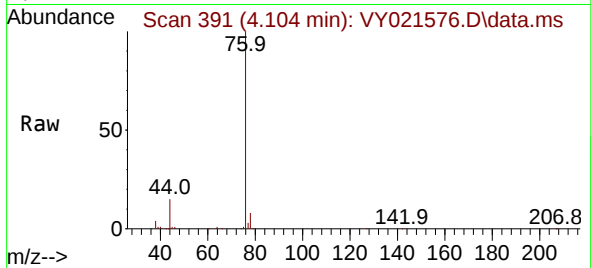
Tgt Ion: 43 Resp: 53699
Ion Ratio Lower Upper
43 100
58 31.6 22.1 33.1





#17
Carbon Disulfide
Concen: 18.429 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

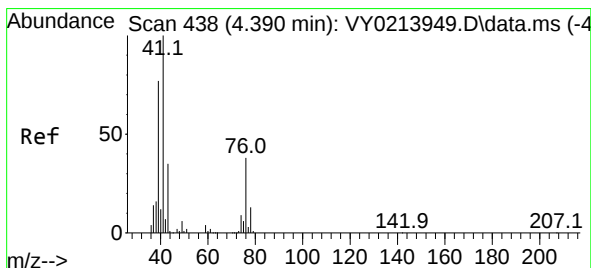
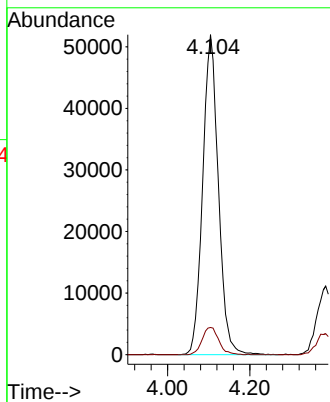
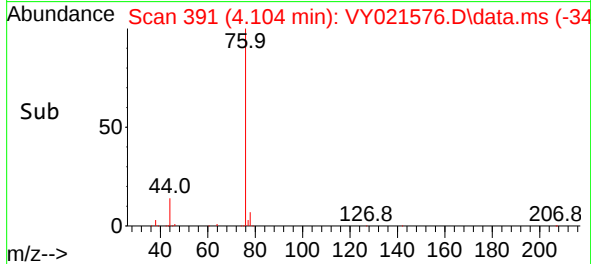
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion: 76 Resp: 137388
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

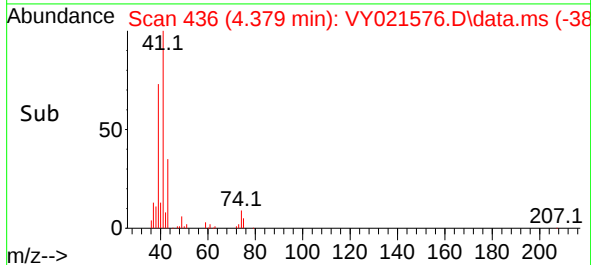
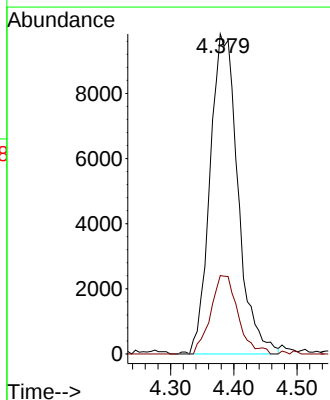
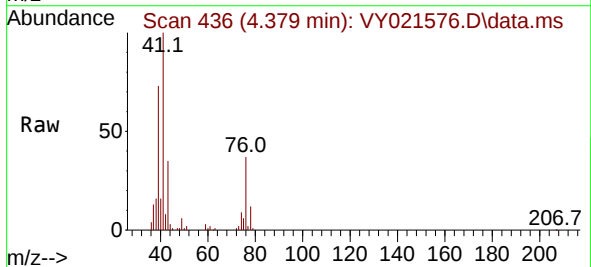
Manual Integrations
APPROVED

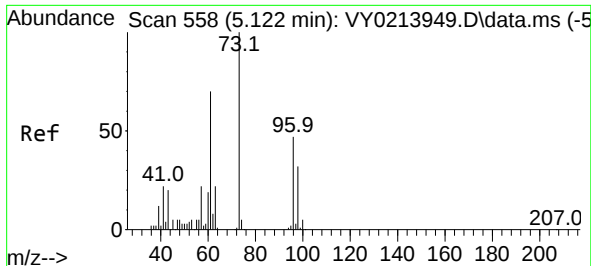
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#18
Methyl Acetate
Concen: 25.393 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

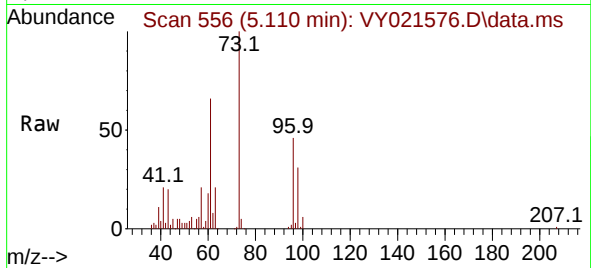
Tgt Ion: 43 Resp: 30078
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 20.300 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

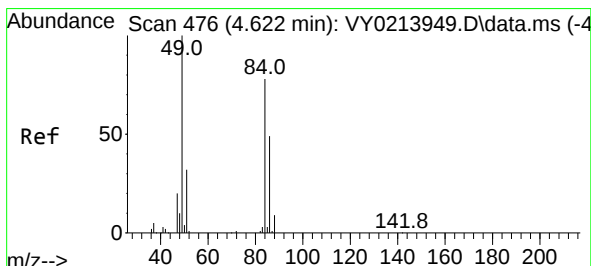
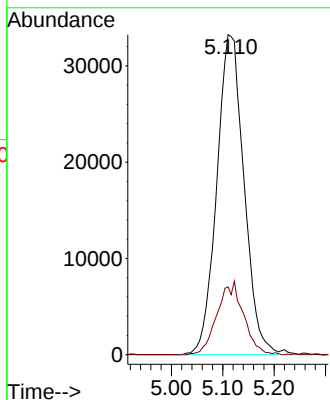
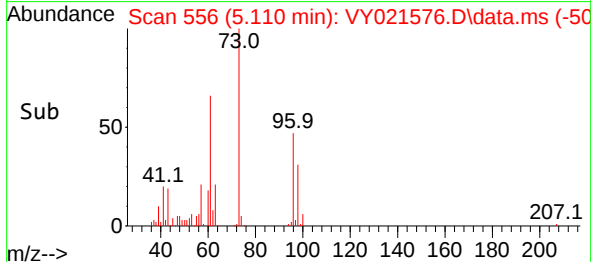
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion: 73 Resp: 122395
Ion Ratio Lower Upper
73 100
57 21.2 17.9 26.9

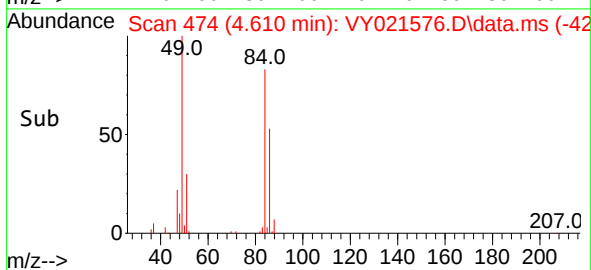
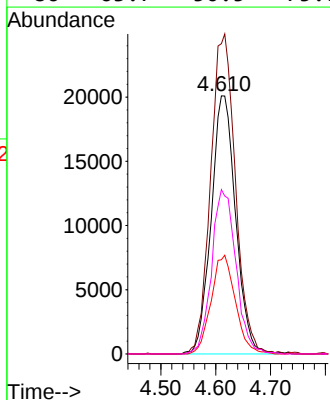
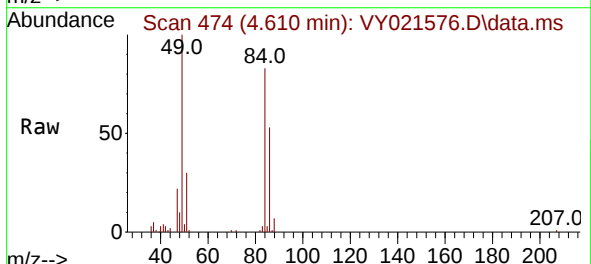
Manual Integrations
APPROVED

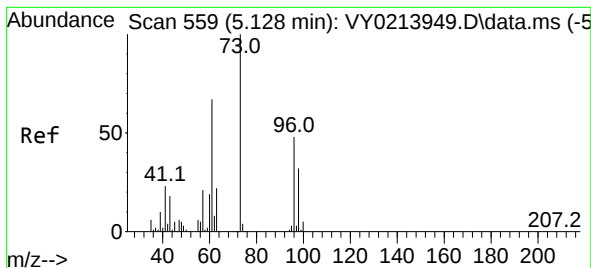
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#20
Methylene Chloride
Concen: 22.259 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Tgt Ion: 84 Resp: 62377
Ion Ratio Lower Upper
84 100
49 120.2 102.0 153.0
51 36.5 33.0 49.6
86 63.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.831 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY021576.D

Acq: 20 Mar 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

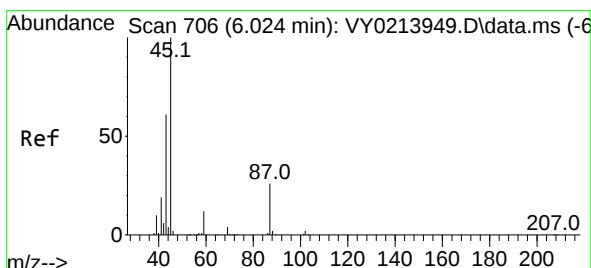
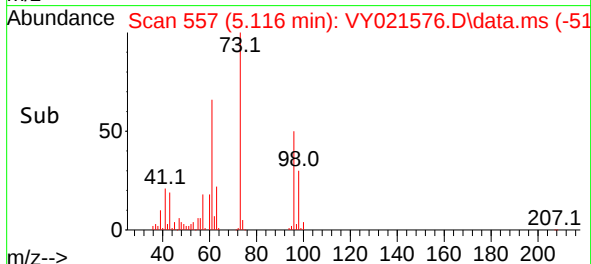
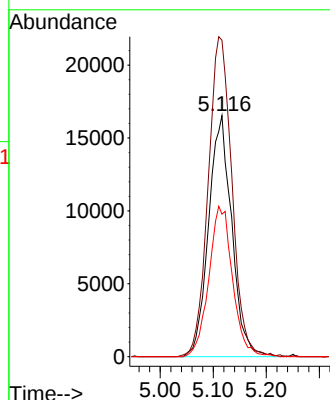
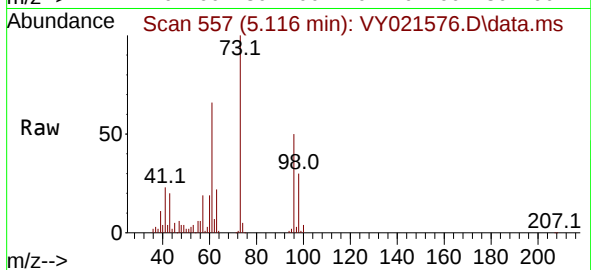
Tgt Ion:	96	Resp:	5016
Ion	Ratio	Lower	Upper
96	100		
61	131.0	111.5	167.3
98	59.1	53.8	80.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#22

Diisopropyl ether

Concen: 20.465 ug/l

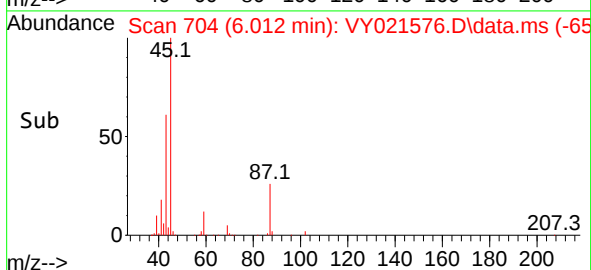
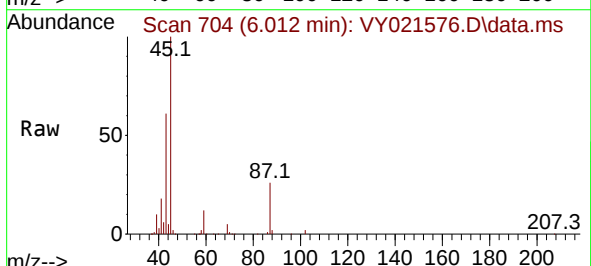
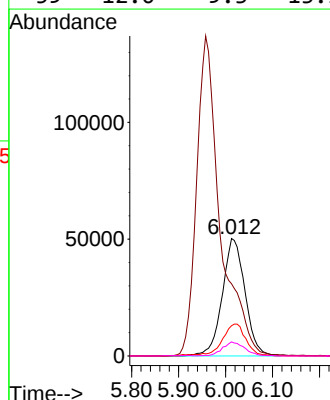
RT: 6.012 min Scan# 704

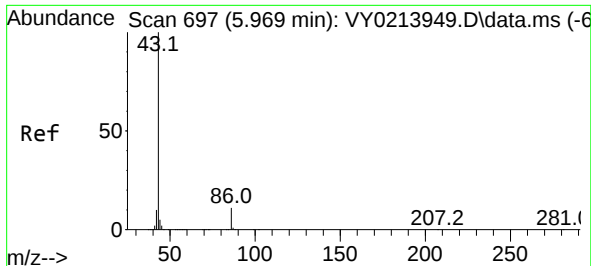
Delta R.T. -0.012 min

Lab File: VY021576.D

Acq: 20 Mar 2025 12:45

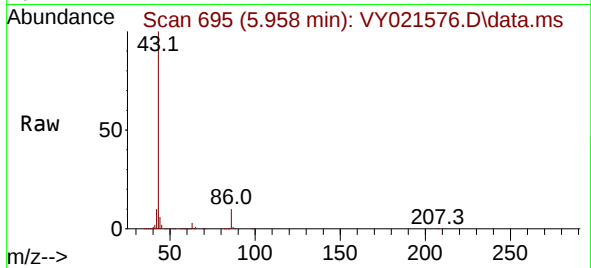
Tgt Ion:	45	Resp:	169546
Ion	Ratio	Lower	Upper
45	100		
43	60.6	48.7	73.1
87	25.6	21.5	32.3
59	12.0	9.3	13.9





#23
 Vinyl Acetate
 Concen: 101.025 ug/l
 RT: 5.958 min Scan# 697
 Delta R.T. -0.012 min
 Lab File: VY021576.D
 Acq: 20 Mar 2025 12:45

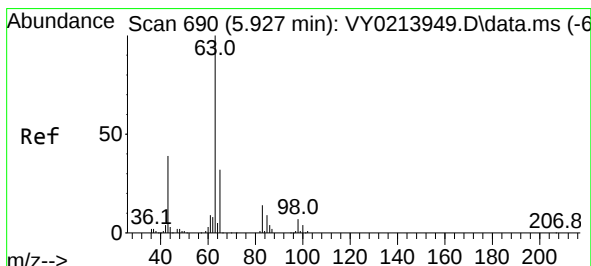
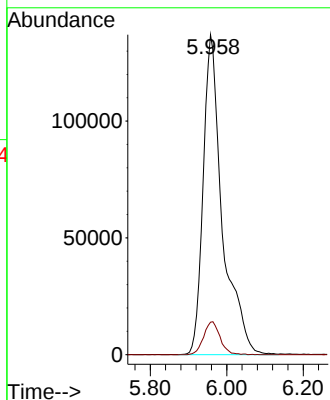
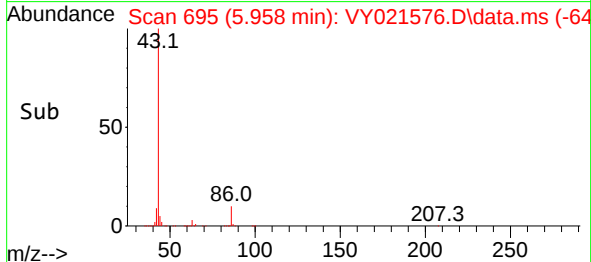
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01



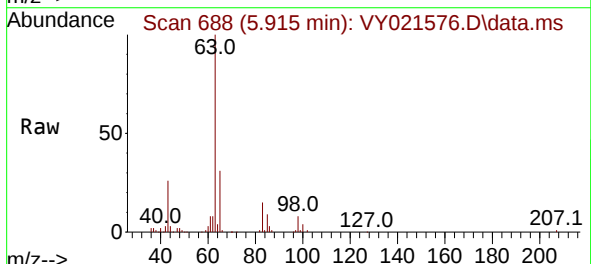
Tgt Ion: 43 Resp: 47765
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

Manual Integrations
 APPROVED

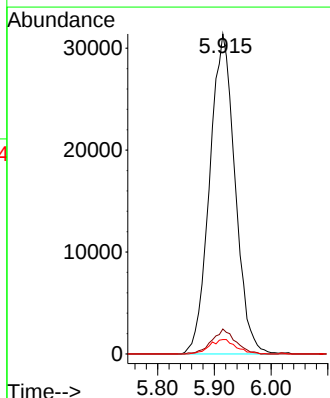
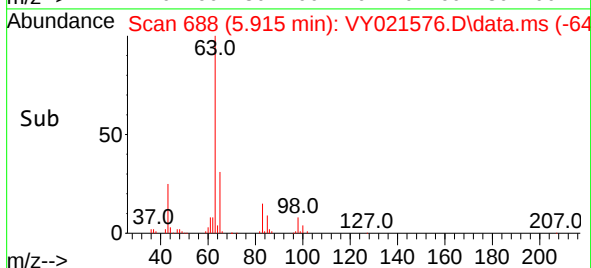
Reviewed By :Amit Patel 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025

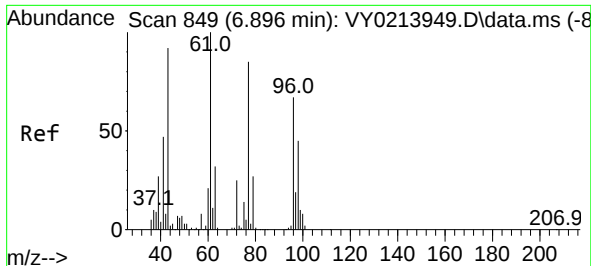


#24
 1,1-Dichloroethane
 Concen: 19.965 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021576.D
 Acq: 20 Mar 2025 12:45



Tgt Ion: 63 Resp: 97620
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.9
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 96.974 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021576.D

Acq: 20 Mar 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 43 Resp: 7161

Ion Ratio Lower Upper

43 100

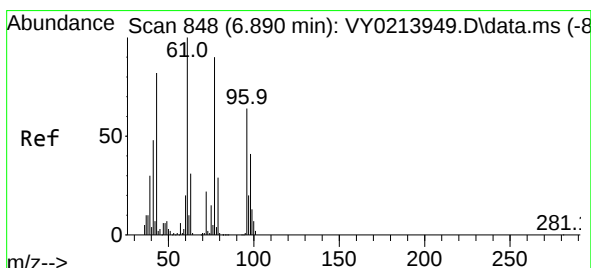
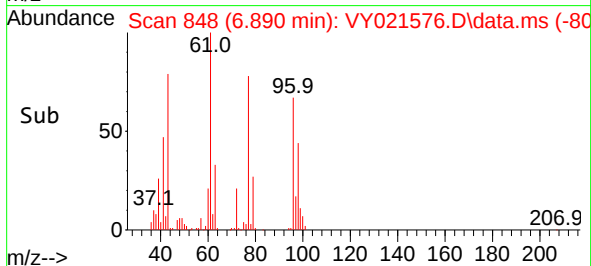
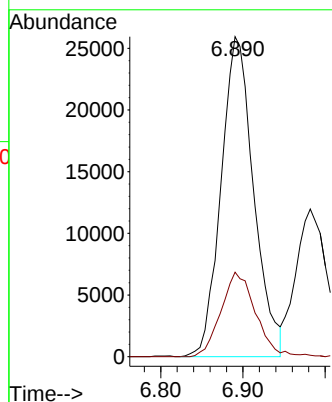
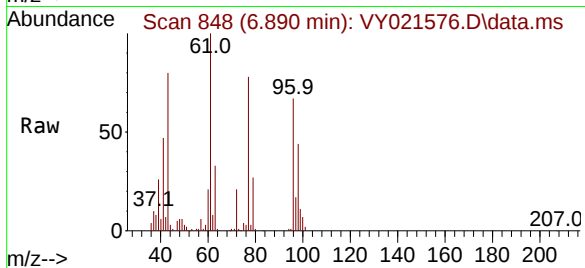
72 26.4 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#26

2,2-Dichloropropane

Concen: 18.865 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021576.D

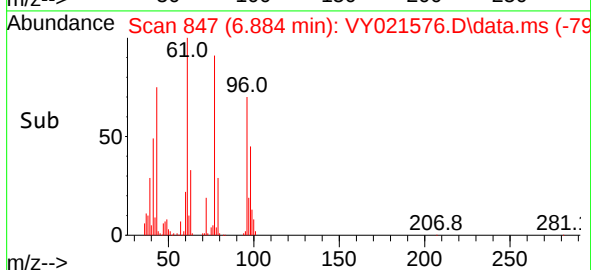
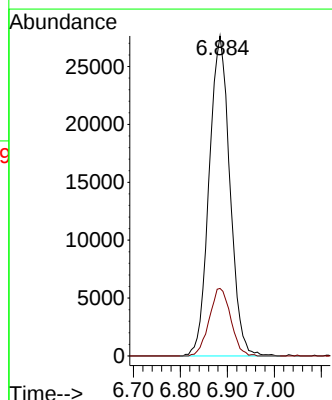
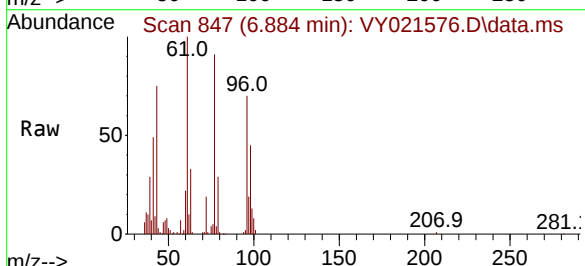
Acq: 20 Mar 2025 12:45

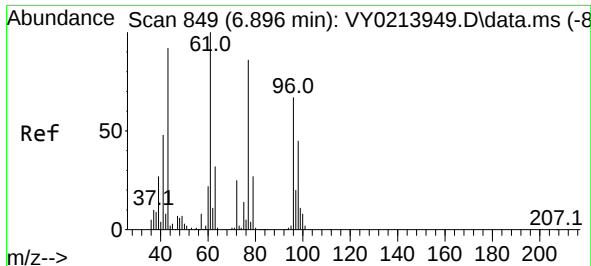
Tgt Ion: 77 Resp: 84873

Ion Ratio Lower Upper

77 100

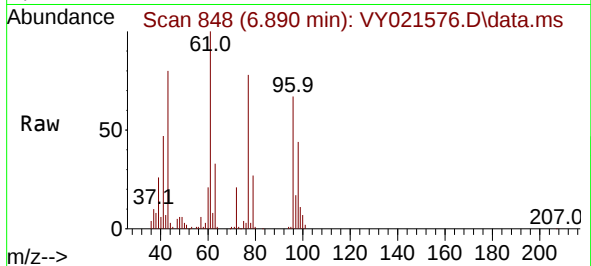
97 21.8 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.082 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021576.D
 Acq: 20 Mar 2025 12:45

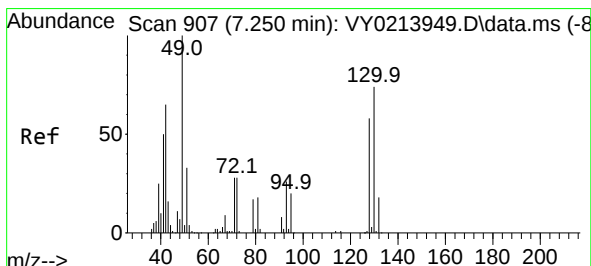
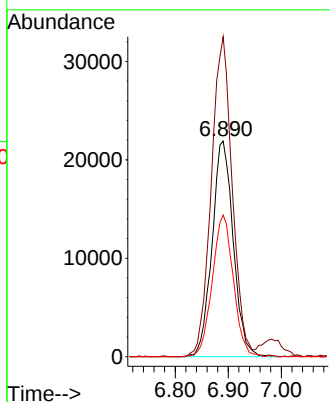
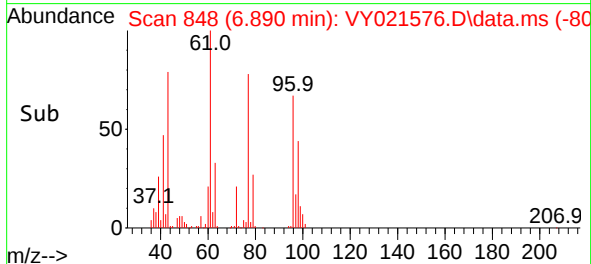
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01



Tgt Ion: 96 Resp: 60770
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 300.8
 98 65.3 0.0 130.0

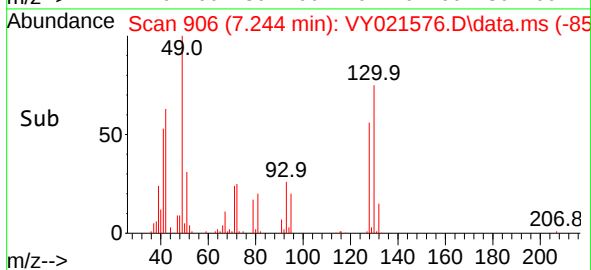
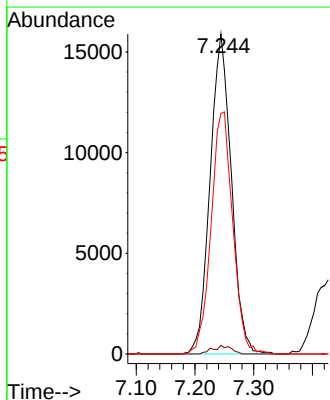
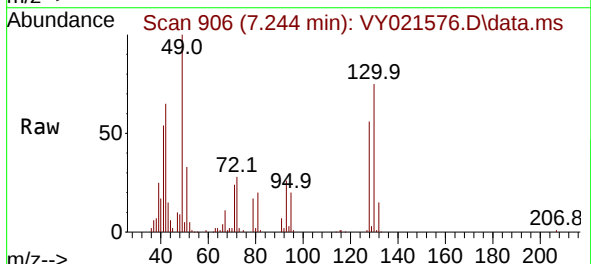
Manual Integrations
 APPROVED

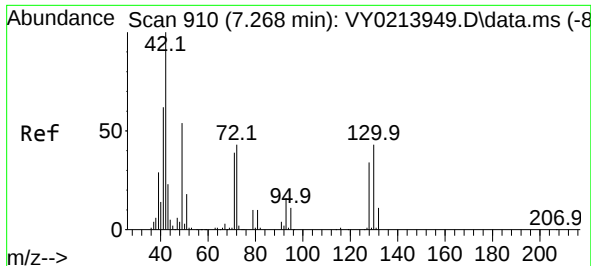
Reviewed By :Amit Patel 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#28
 Bromochloromethane
 Concen: 19.454 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021576.D
 Acq: 20 Mar 2025 12:45

Tgt Ion: 49 Resp: 39878
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 77.4 59.6 89.4





#29

Tetrahydrofuran

Concen: 101.377 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021576.D

Acq: 20 Mar 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

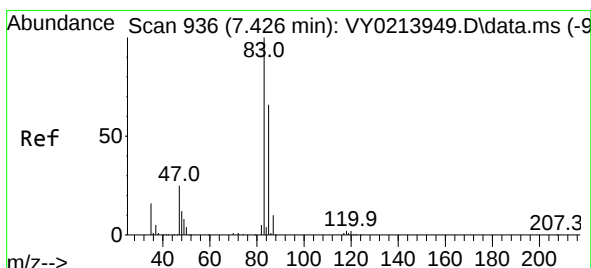
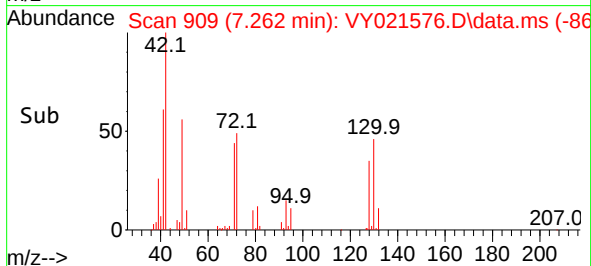
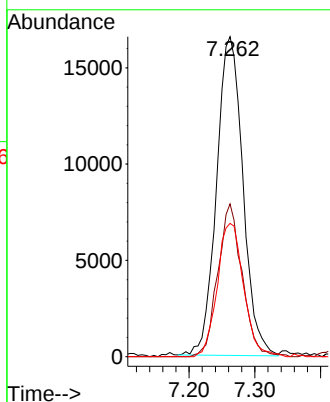
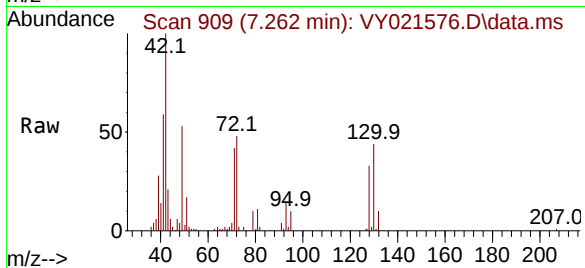
Tgt Ion:	42	Resp:	4621
Ion Ratio	Lower	Upper	
42	100		
72	44.3	34.8	52.2
71	41.8	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#30

Chloroform

Concen: 20.585 ug/l

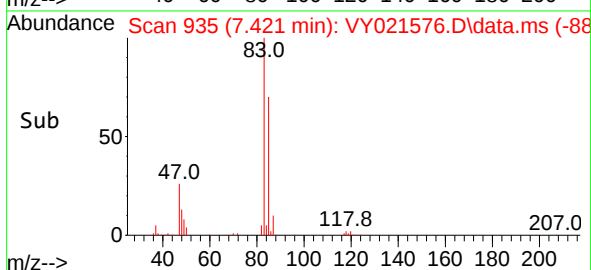
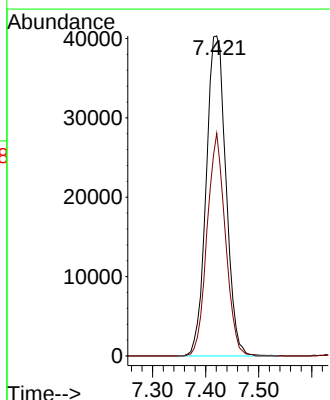
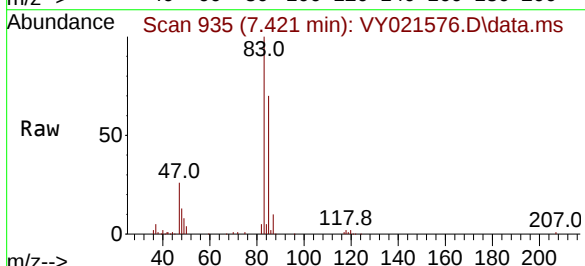
RT: 7.421 min Scan# 935

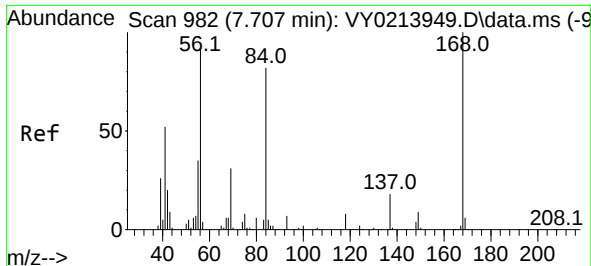
Delta R.T. -0.006 min

Lab File: VY021576.D

Acq: 20 Mar 2025 12:45

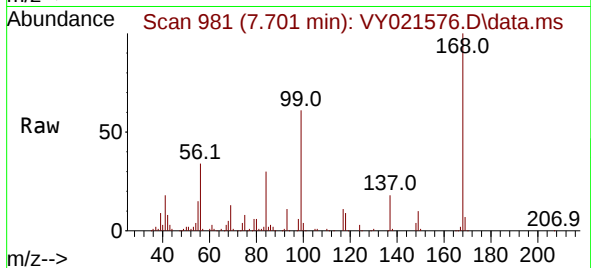
Tgt Ion:	83	Resp:	104519
Ion Ratio	Lower	Upper	
83	100		
85	69.6	53.1	79.7





#31
Cyclohexane
Concen: 16.832 ug/l
RT: 7.701 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

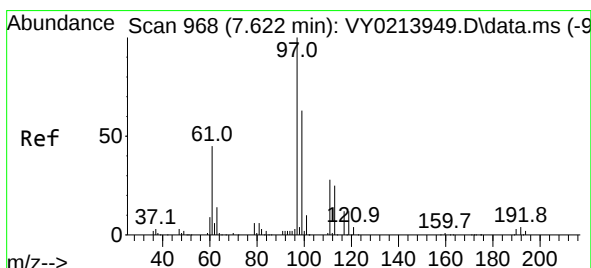
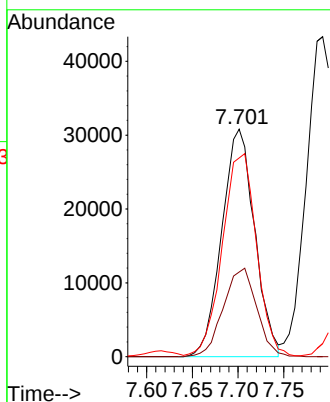
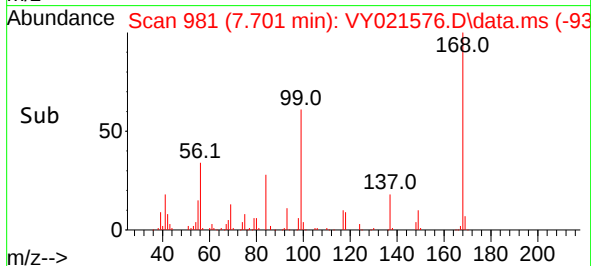
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion: 56 Resp: 77158
Ion Ratio Lower Upper
56 100
69 37.2 27.0 40.4
84 86.0 71.1 106.7

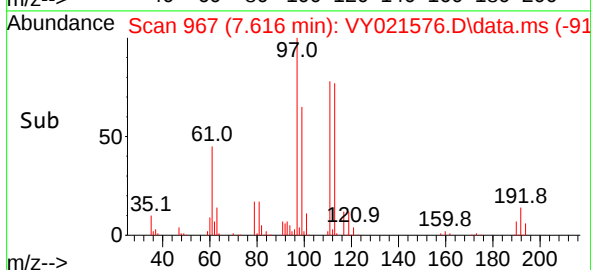
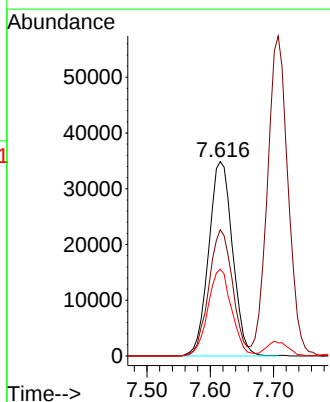
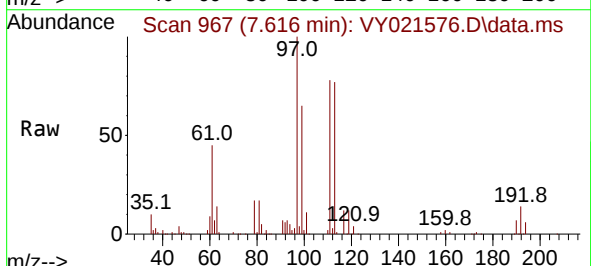
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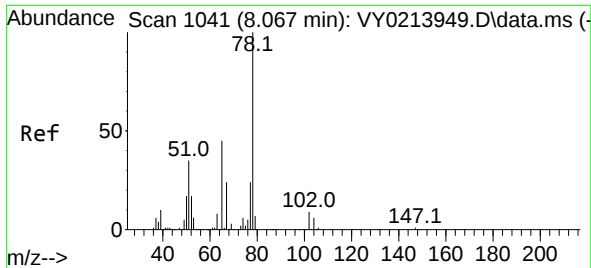
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#32
1,1,1-Trichloroethane
Concen: 19.677 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

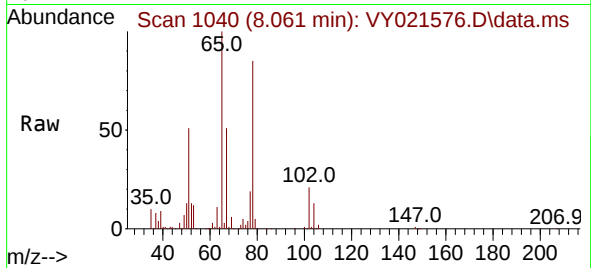
Tgt Ion: 97 Resp: 91476
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 44.3 35.7 53.5





#33
 1,2-Dichloroethane-d4
 Concen: 48.772 ug/l
 RT: 8.061 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY021576.D
 Acq: 20 Mar 2025 12:45

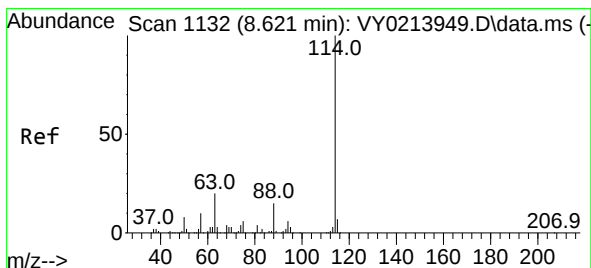
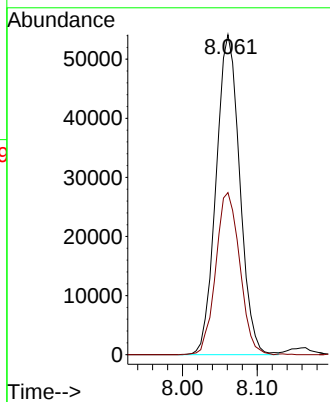
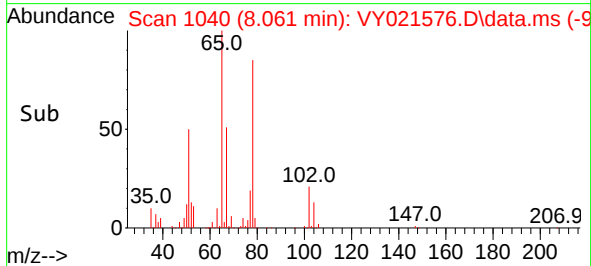
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01



Tgt Ion: 65 Resp: 119375
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8

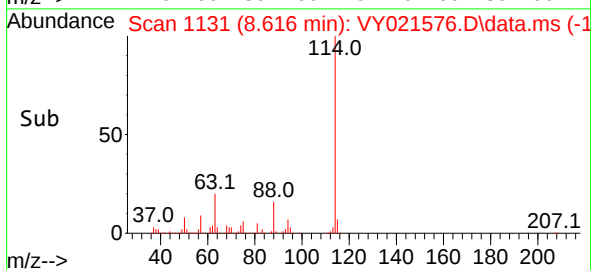
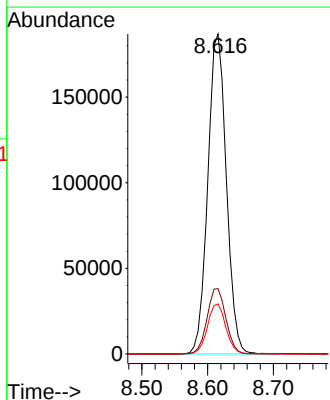
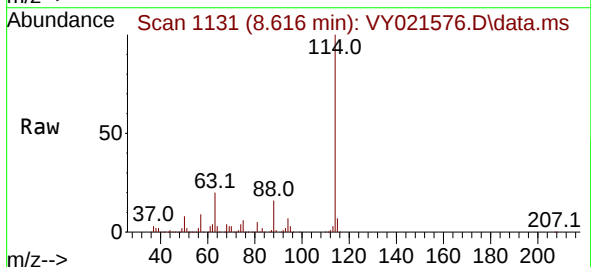
Manual Integrations
 APPROVED

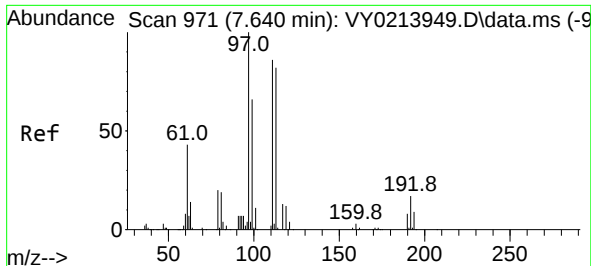
Reviewed By :Amit Patel 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY021576.D
 Acq: 20 Mar 2025 12:45

Tgt Ion:114 Resp: 366806
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.067 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021576.D

Acq: 20 Mar 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion:113 Resp: 11589

Ion Ratio Lower Upper

113 100

111 101.0 82.0 123.0

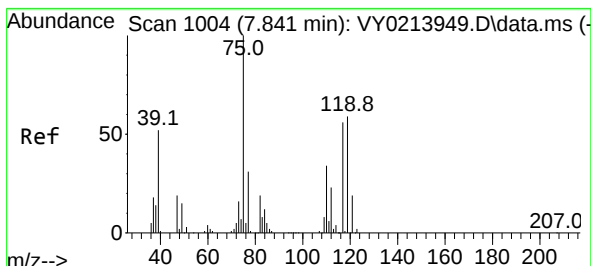
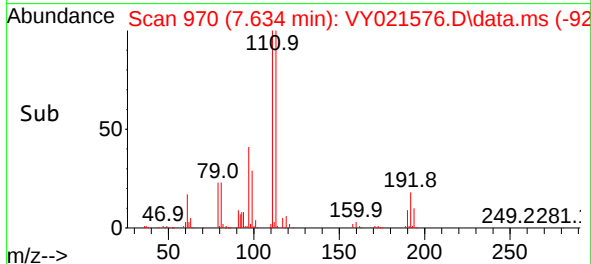
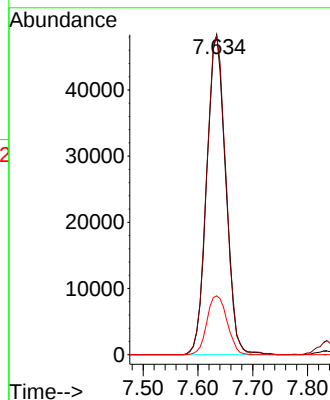
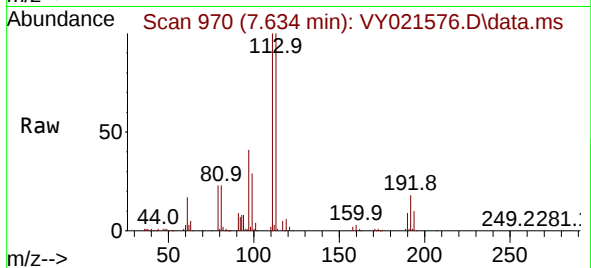
192 19.6 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#36

1,1-Dichloropropene

Concen: 17.989 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021576.D

Acq: 20 Mar 2025 12:45

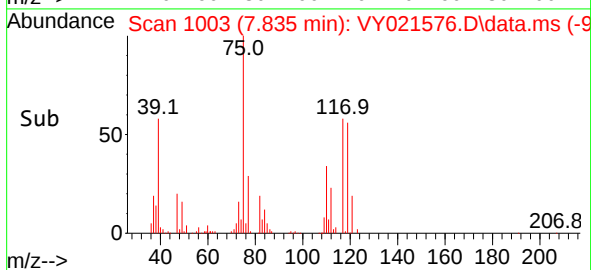
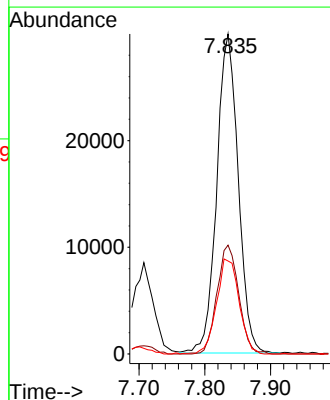
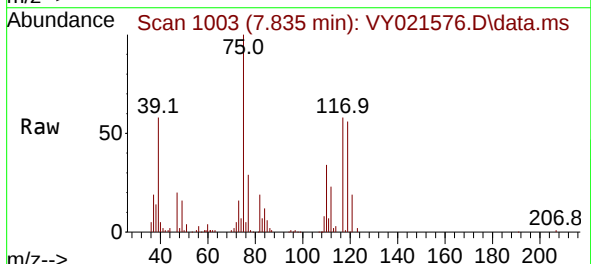
Tgt Ion: 75 Resp: 67892

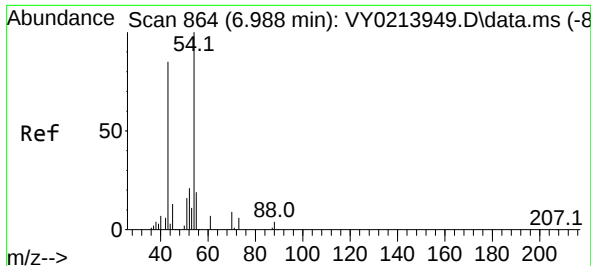
Ion Ratio Lower Upper

75 100

110 34.4 17.3 51.7

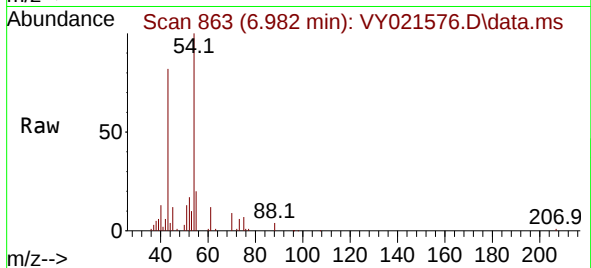
77 31.4 25.4 38.2





#37
Ethyl Acetate
Concen: 19.226 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

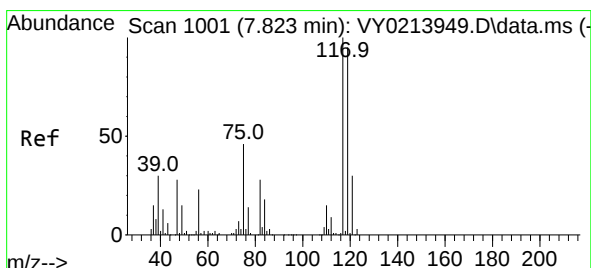
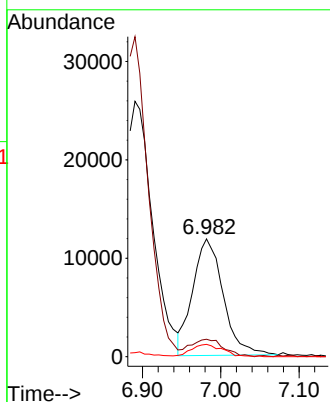
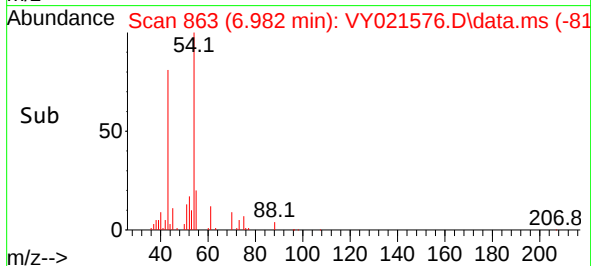
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion: 43 Resp: 3207
Ion Ratio Lower Upper
43 100
61 15.7 11.4 17.0
70 10.9 8.2 12.2

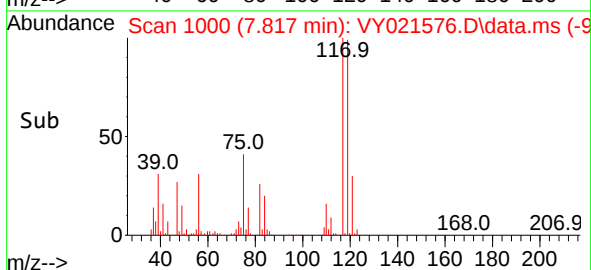
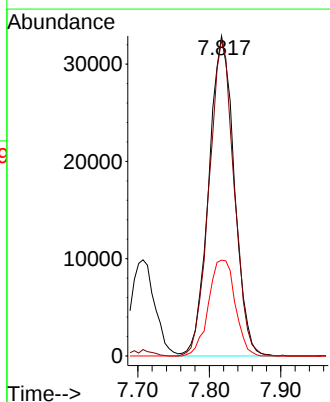
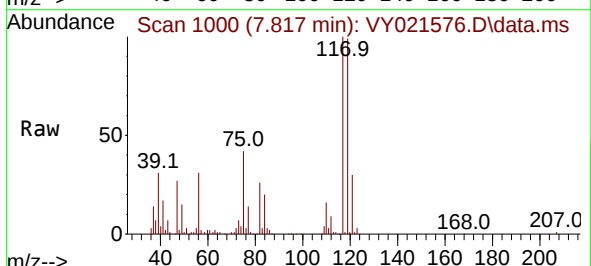
Manual Integrations
APPROVED

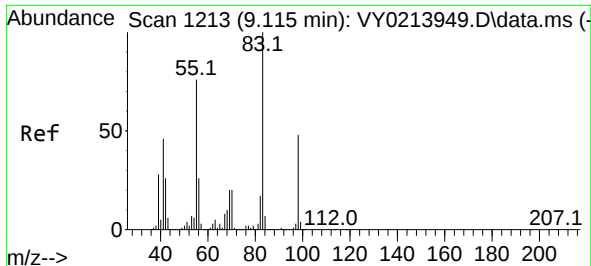
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#38
Carbon Tetrachloride
Concen: 18.760 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Tgt Ion:117 Resp: 81429
Ion Ratio Lower Upper
117 100
119 98.7 75.8 113.8
121 29.9 23.9 35.9





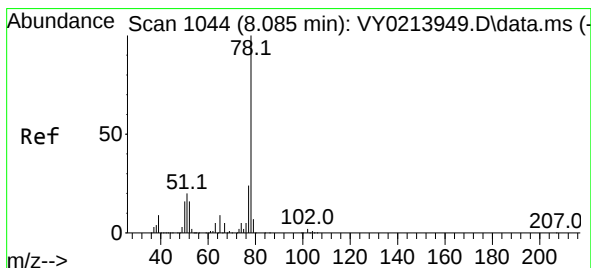
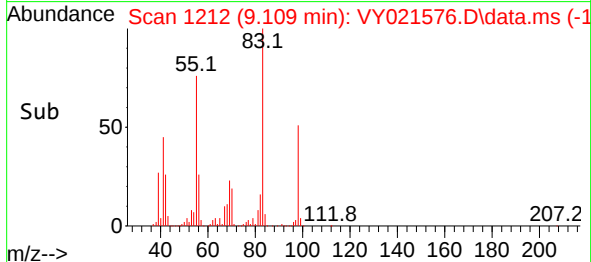
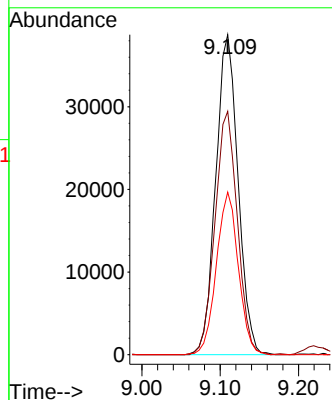
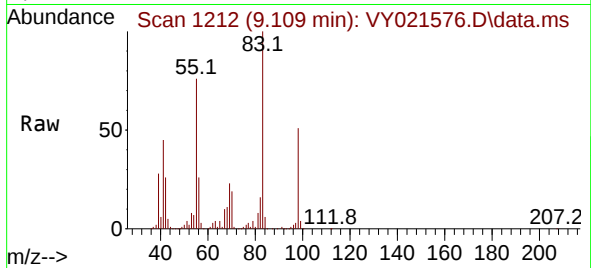
#39
Methylcyclohexane
Concen: 16.575 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 83 Resp: 7673
Ion Ratio Lower Upper
83 100
55 76.0 60.7 91.1
98 50.8 38.6 57.8

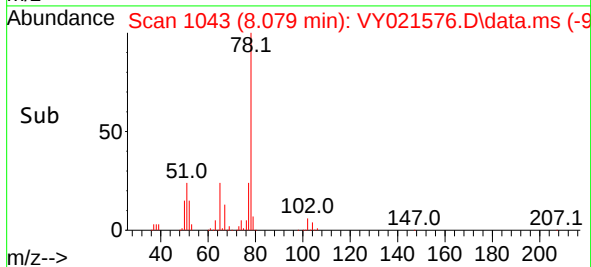
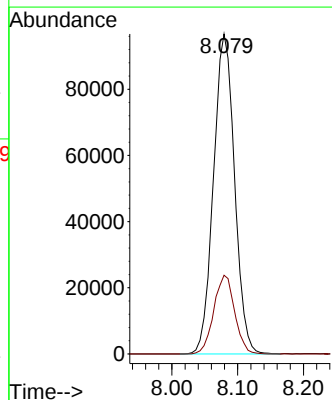
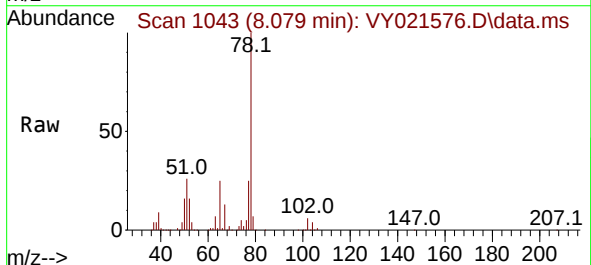
Manual Integrations
APPROVED

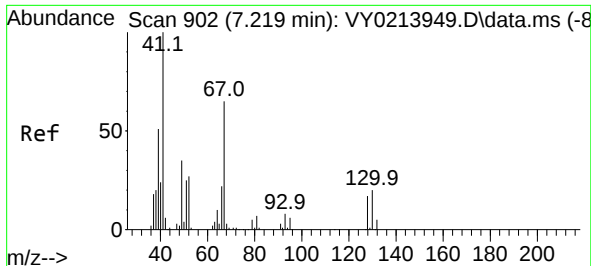
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#40
Benzene
Concen: 19.374 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

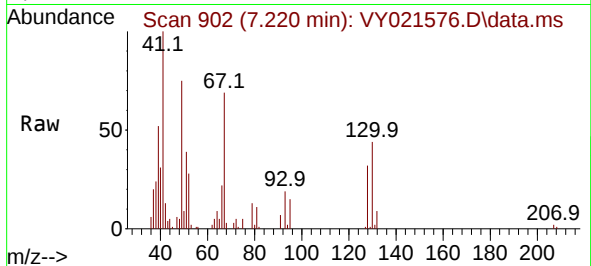
Tgt Ion: 78 Resp: 215395
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4





#41
Methacrylonitrile
Concen: 19.173 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

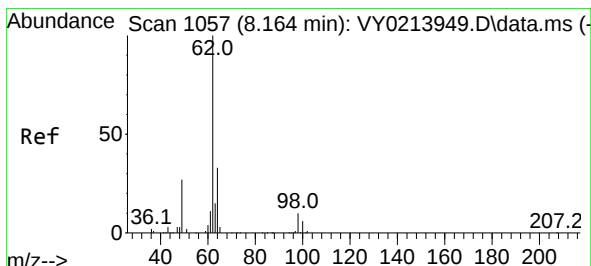
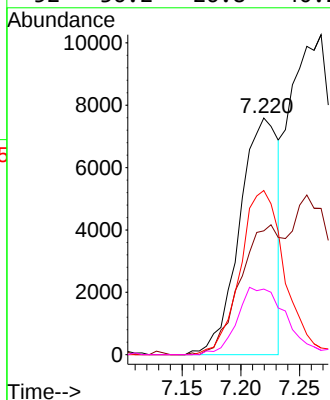
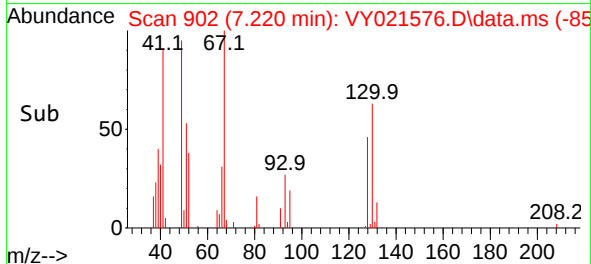
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion:	41	Resp:	17414
Ion Ratio	100	Lower	Upper
41	100		
39	62.3	35.0	52.6
67	79.7	61.2	91.8
52	36.2	26.8	40.2

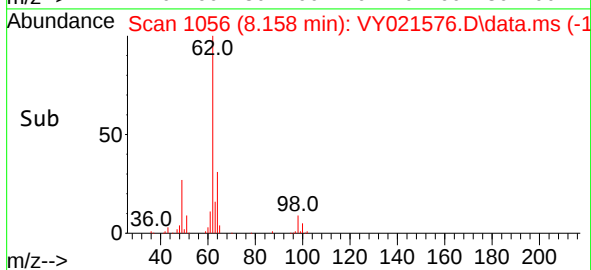
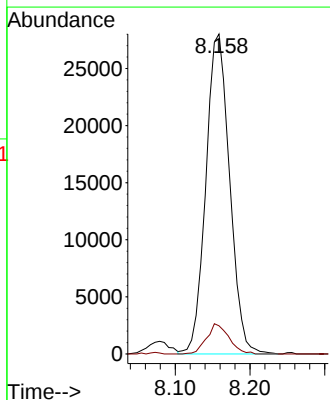
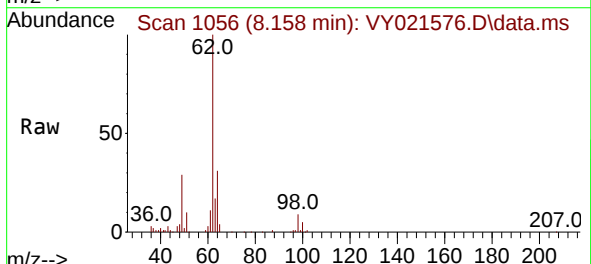
Manual Integrations
APPROVED

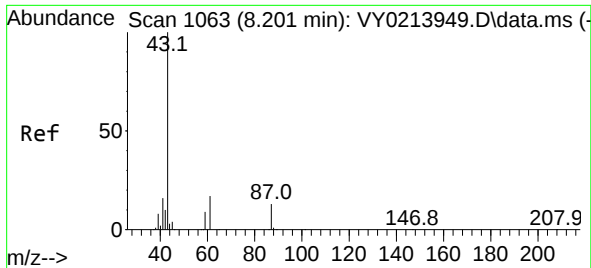
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#42
1,2-Dichloroethane
Concen: 19.951 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Tgt Ion:	62	Resp:	62053
Ion Ratio	100	Lower	Upper
62	100		
98	8.8	0.0	18.2





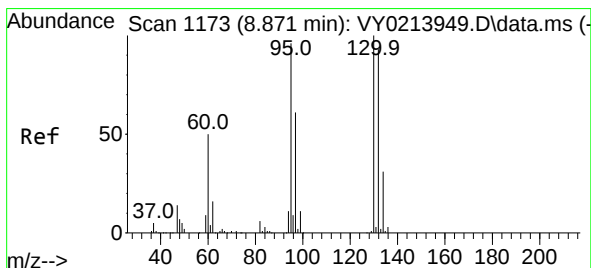
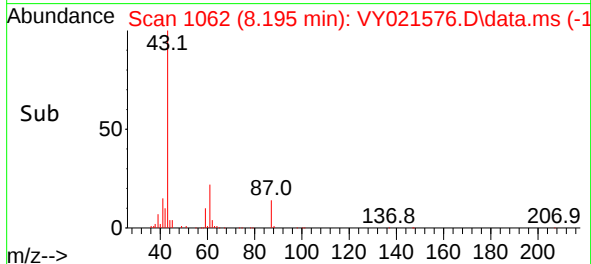
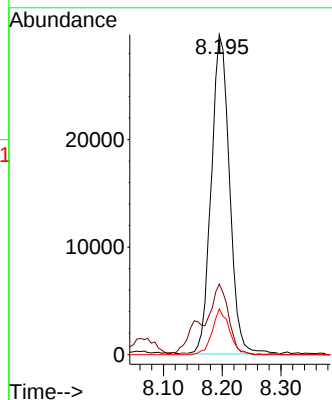
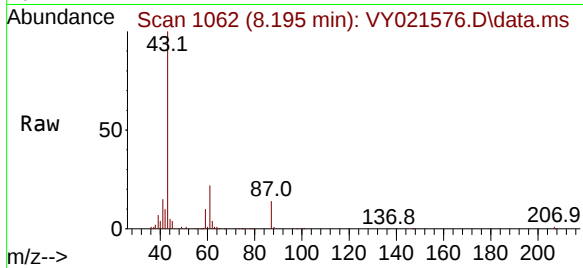
#43
Isopropyl Acetate
Concen: 19.784 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Instrument : MSVOA_Y
ClientSampleId : VY0320SBS01

Tgt Ion: 43 Resp: 6406
Ion Ratio Lower Upper
43 100
61 21.0 23.4 35.0
87 13.5 10.5 15.7

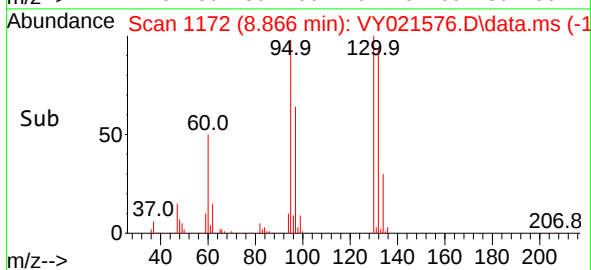
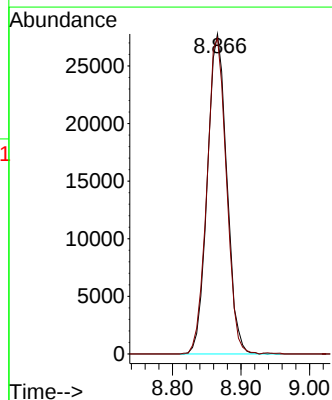
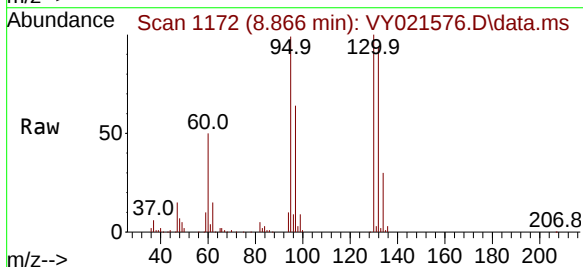
Manual Integrations
APPROVED

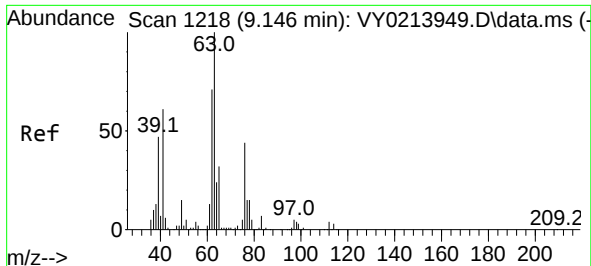
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#44
Trichloroethene
Concen: 19.506 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Tgt Ion:130 Resp: 54800
Ion Ratio Lower Upper
130 100
95 98.7 0.0 191.6





#45

1,2-Dichloropropane

Concen: 19.512 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021576.D

Acq: 20 Mar 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 63 Resp: 51628

Ion Ratio Lower Upper

63 100

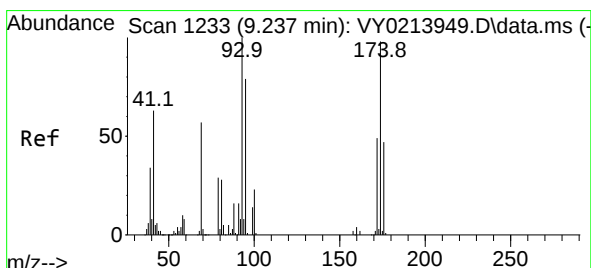
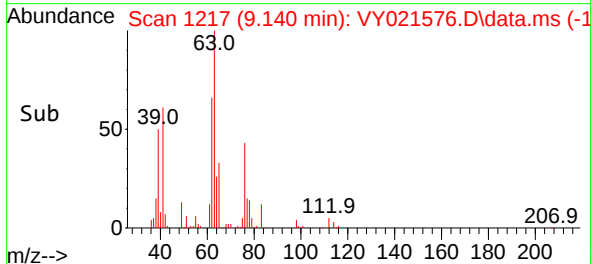
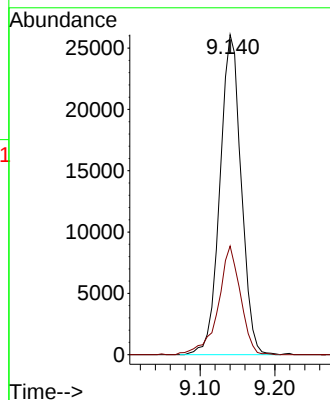
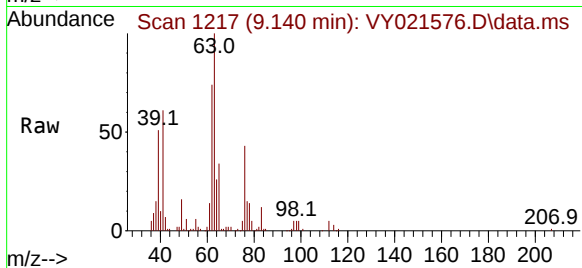
65 34.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#46

Dibromomethane

Concen: 20.039 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021576.D

Acq: 20 Mar 2025 12:45

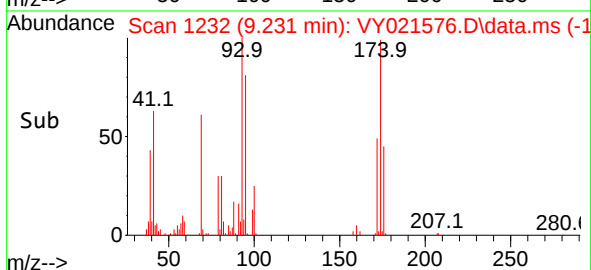
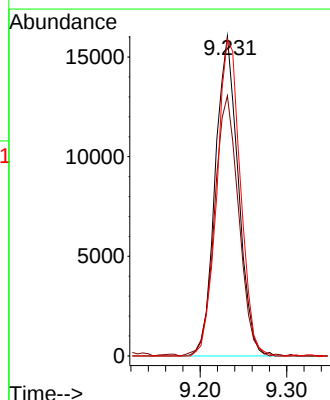
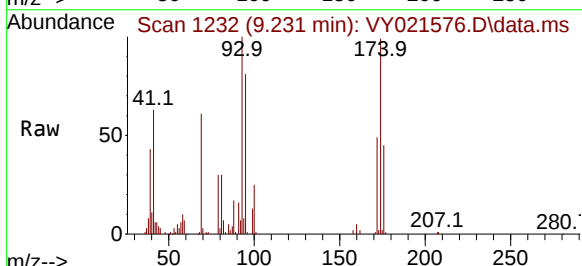
Tgt Ion: 93 Resp: 29503

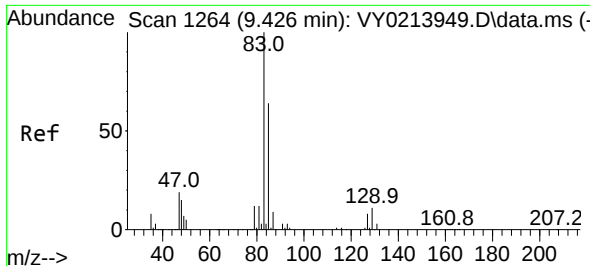
Ion Ratio Lower Upper

93 100

95 85.4 65.8 98.8

174 101.7 77.9 116.9





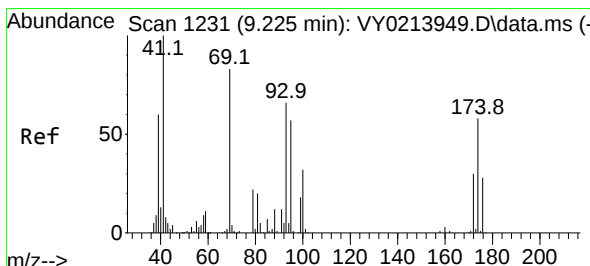
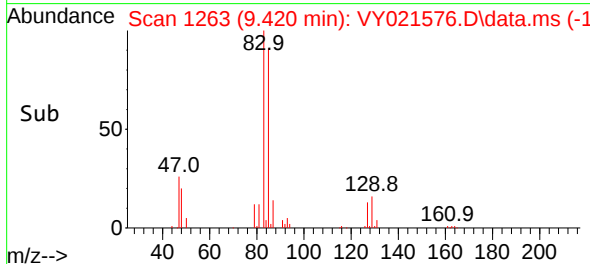
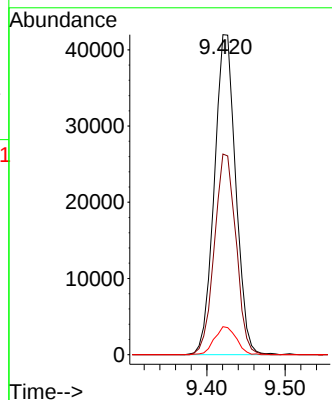
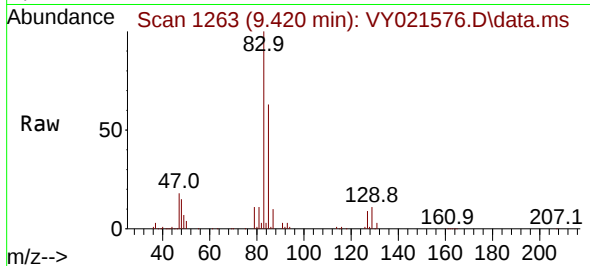
#47
Bromodichloromethane
Concen: 20.396 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 83 Resp: 79744
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7
127 8.8 6.7 10.1

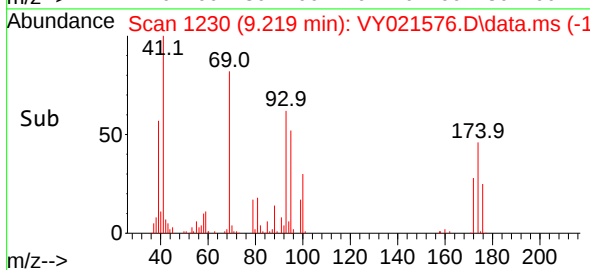
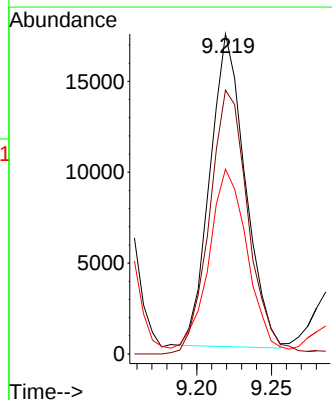
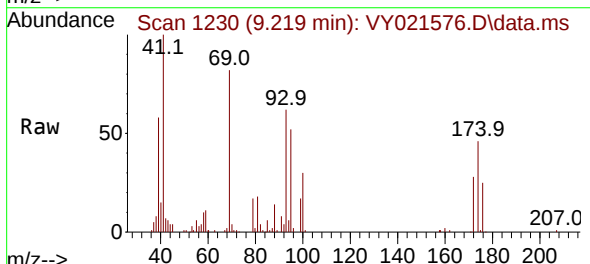
Manual Integrations
APPROVED

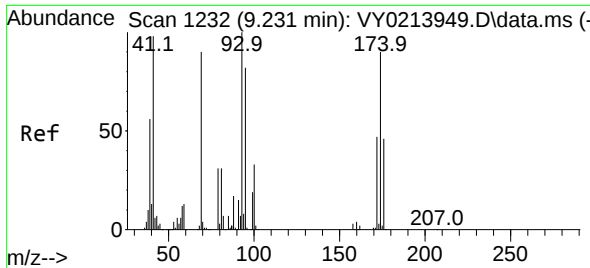
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#48
Methyl methacrylate
Concen: 18.937 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Tgt Ion: 41 Resp: 28159
Ion Ratio Lower Upper
41 100
69 93.1 67.8 101.8
39 64.4 46.4 69.6





#49

1,4-Dioxane

Concen: 446.484 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021576.D

Acq: 20 Mar 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

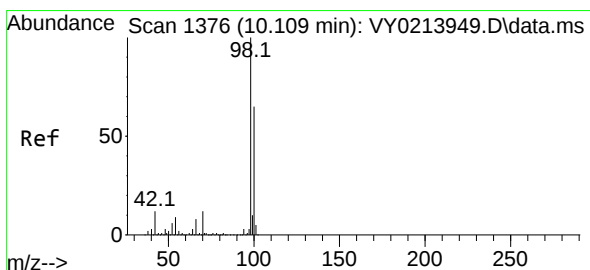
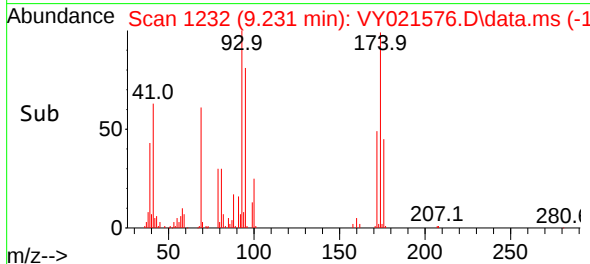
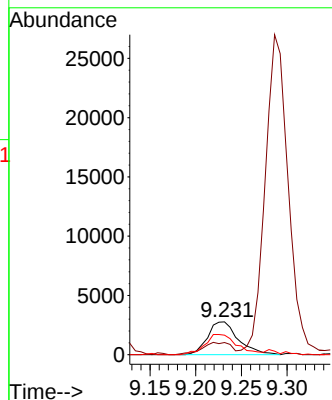
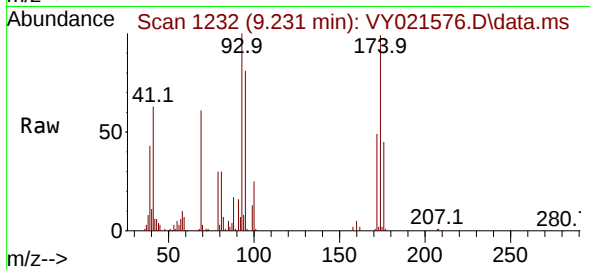
Tgt Ion:	88	Resp:	6452
Ion	Ratio	Lower	Upper
88	100		
43	35.0	25.0	37.4
58	64.6	58.4	87.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#50

Toluene-d8

Concen: 46.378 ug/l

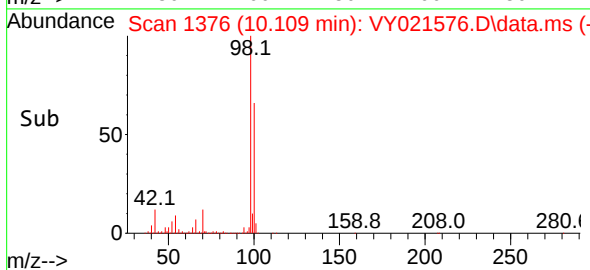
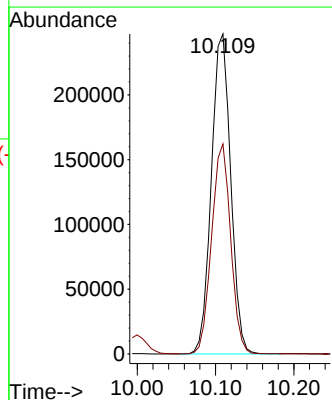
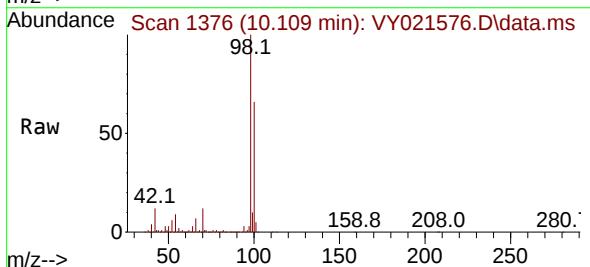
RT: 10.109 min Scan# 1376

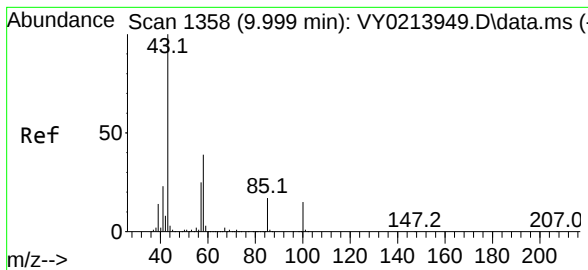
Delta R.T. 0.000 min

Lab File: VY021576.D

Acq: 20 Mar 2025 12:45

Tgt Ion:	98	Resp:	423384
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.1	78.1





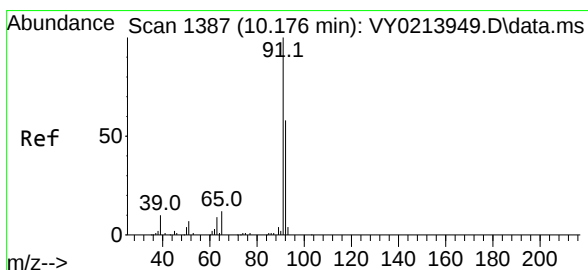
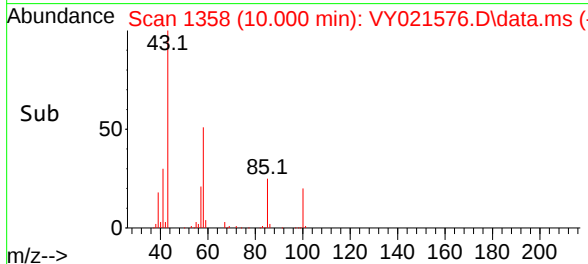
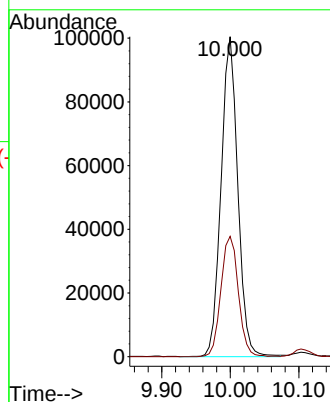
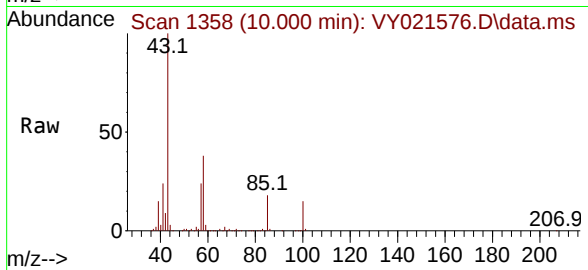
#51
4-Methyl-2-Pentanone
Concen: 101.689 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 43 Resp: 169902
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.2

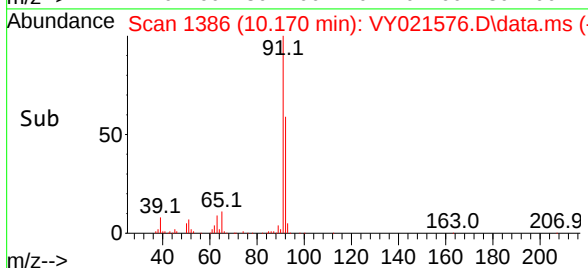
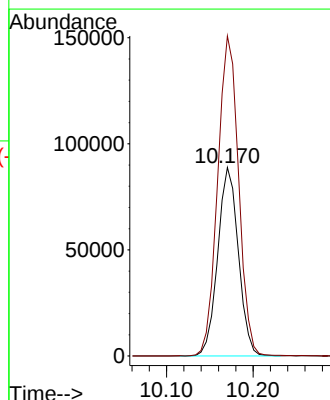
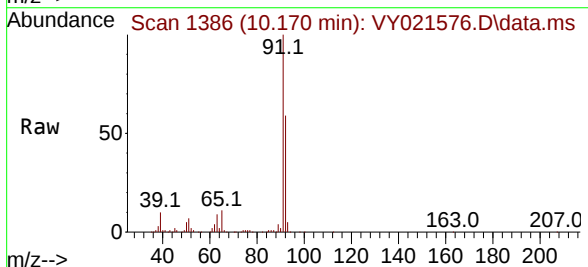
Manual Integrations
APPROVED

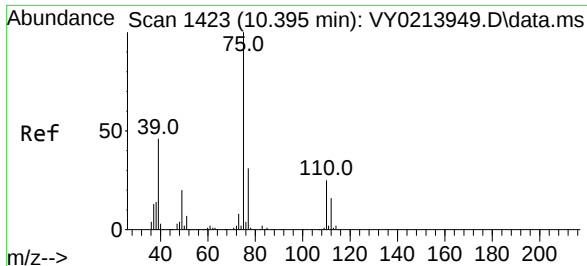
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#52
Toluene
Concen: 20.955 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Tgt Ion: 92 Resp: 146875
Ion Ratio Lower Upper
92 100
91 172.6 138.2 207.2





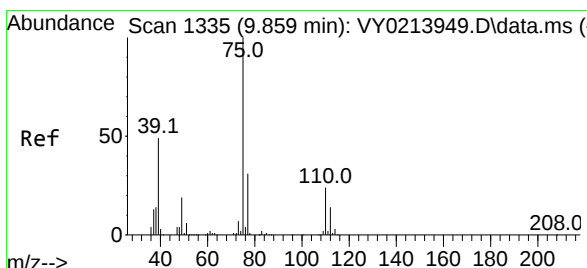
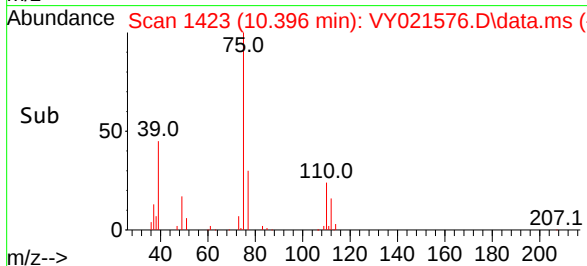
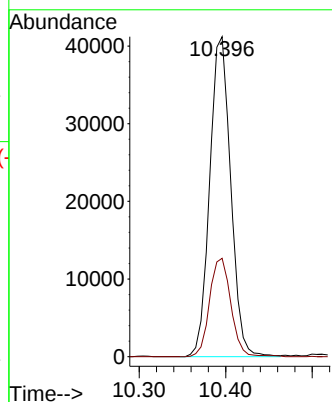
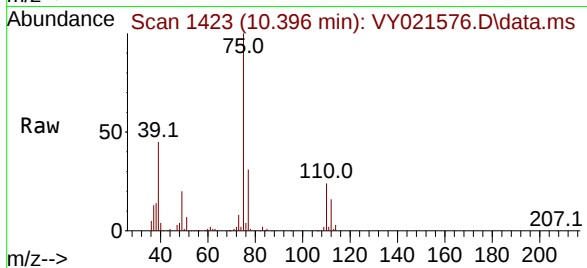
#53
t-1,3-Dichloropropene
Concen: 20.151 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 75 Resp: 69414
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6

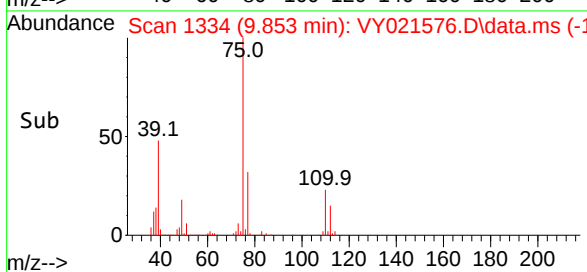
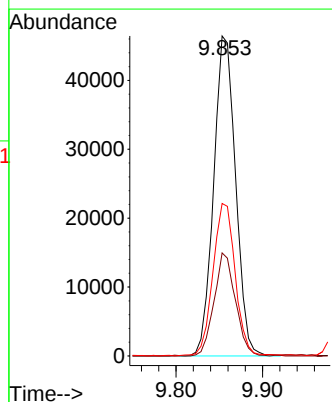
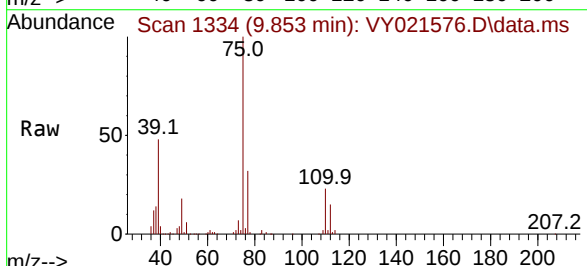
Manual Integrations
APPROVED

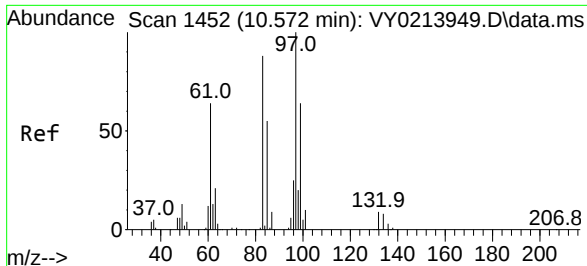
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#54
cis-1,3-Dichloropropene
Concen: 20.009 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

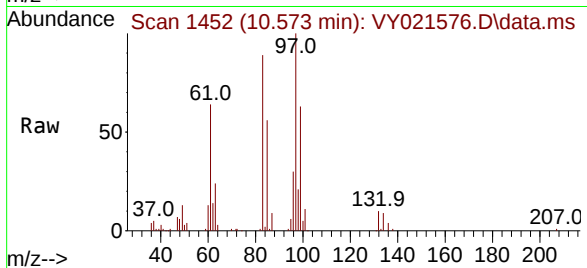
Tgt Ion: 75 Resp: 81830
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0
39 47.5 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 20.306 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

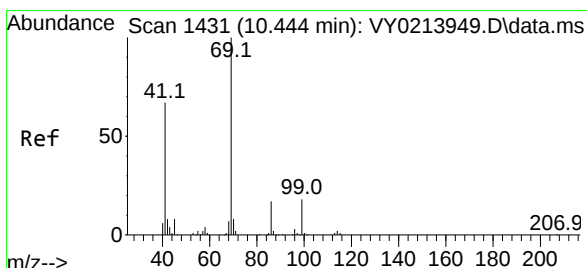
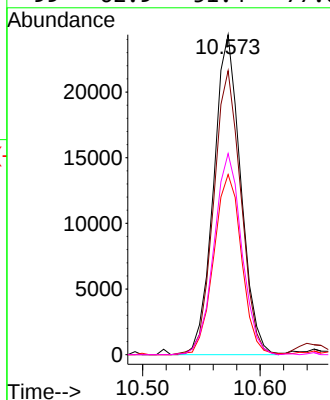
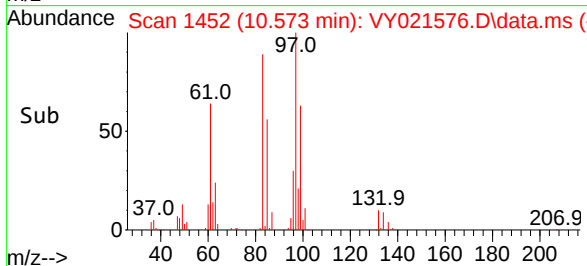
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



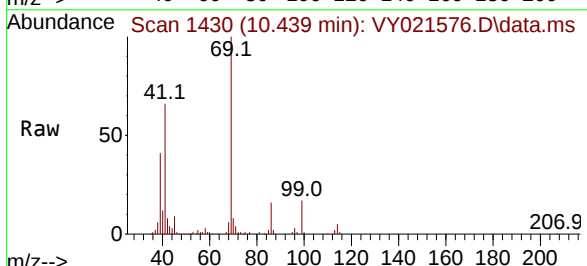
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.0	105.0
85	56.1	44.3	66.5
99	62.9	51.4	77.0

Manual Integrations
APPROVED

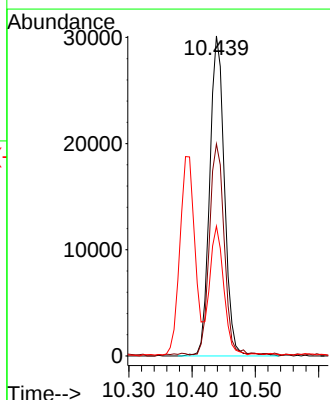
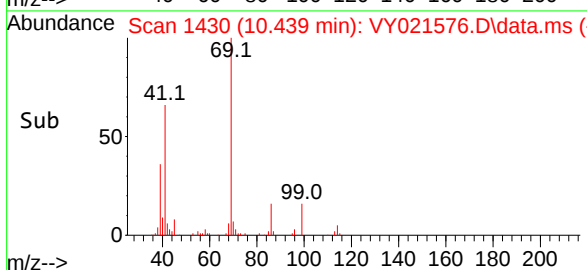
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

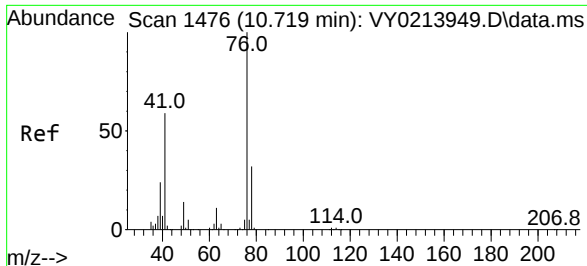


#56
Ethyl methacrylate
Concen: 19.908 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.0	53.3	79.9
39	39.0	31.0	46.6





#57

1,3-Dichloropropane

Concen: 20.009 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021576.D

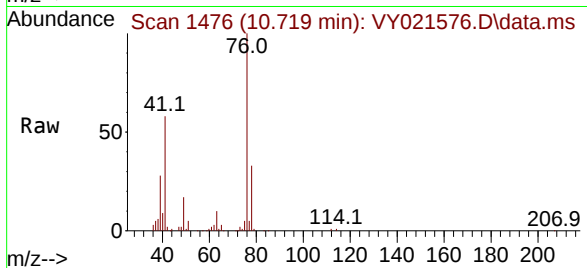
Acq: 20 Mar 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01



Tgt Ion: 76 Resp: 6678

Ion Ratio Lower Upper

76 100

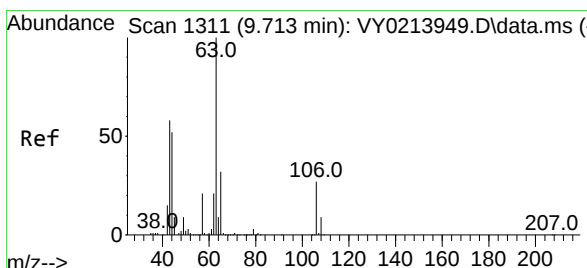
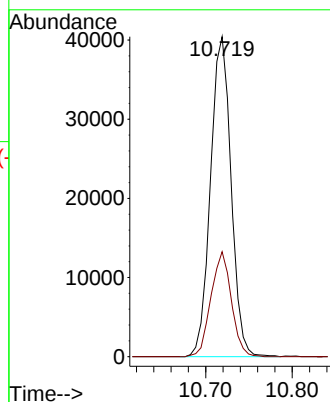
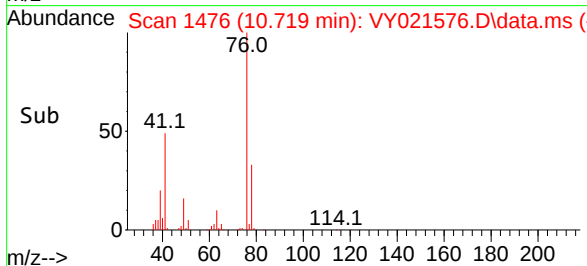
78 32.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 96.562 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021576.D

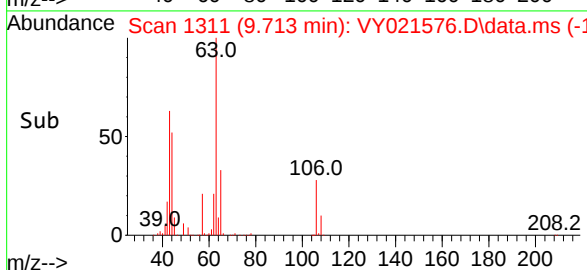
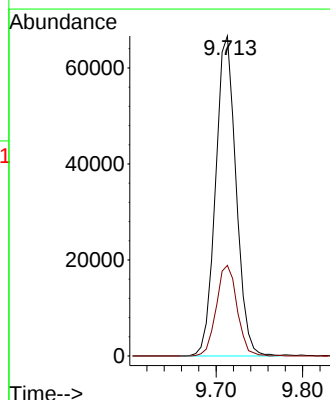
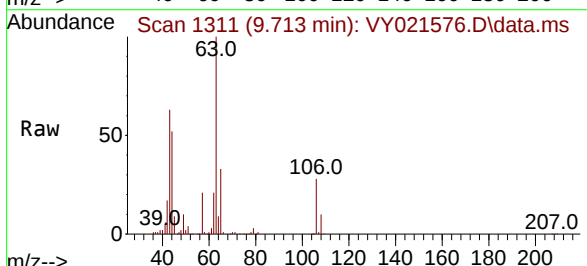
Acq: 20 Mar 2025 12:45

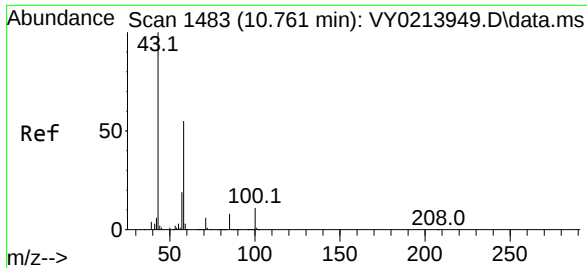
Tgt Ion: 63 Resp: 109484

Ion Ratio Lower Upper

63 100

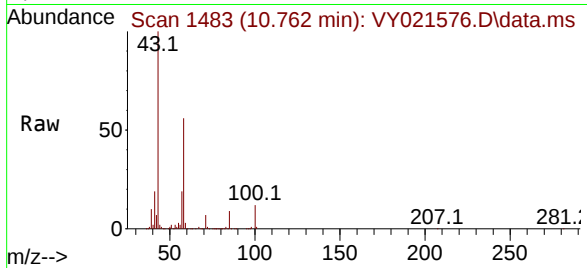
106 28.7 22.1 33.1





#59
2-Hexanone
Concen: 98.187 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

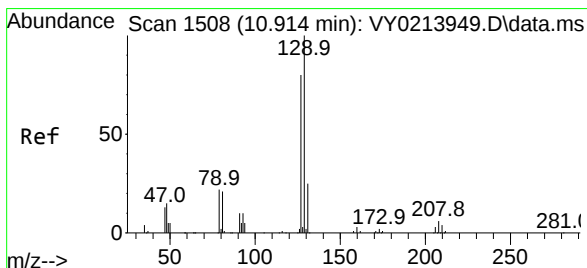
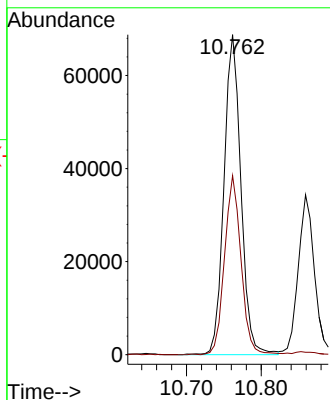
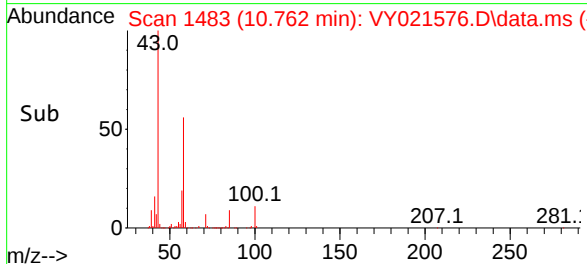
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



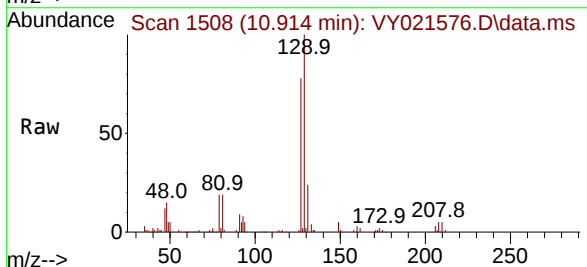
Tgt Ion: 43 Resp: 108475
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8

Manual Integrations
APPROVED

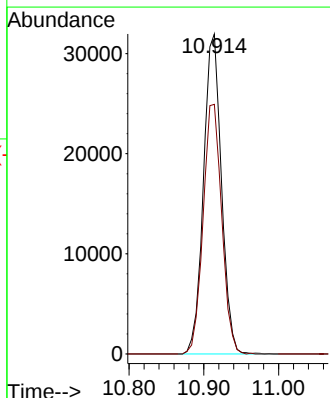
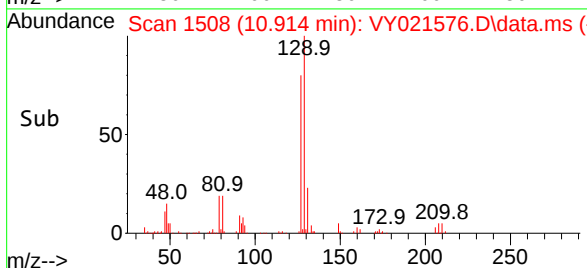
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

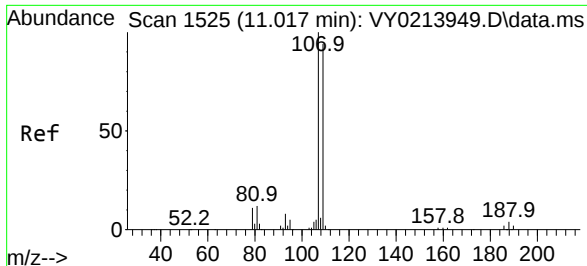


#60
Dibromochloromethane
Concen: 20.154 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45



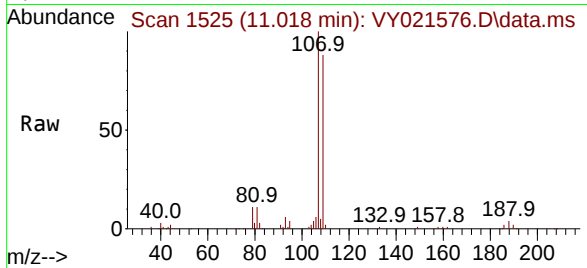
Tgt Ion:129 Resp: 53210
Ion Ratio Lower Upper
129 100
127 81.1 39.1 117.3





#61
1,2-Dibromoethane
Concen: 20.363 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

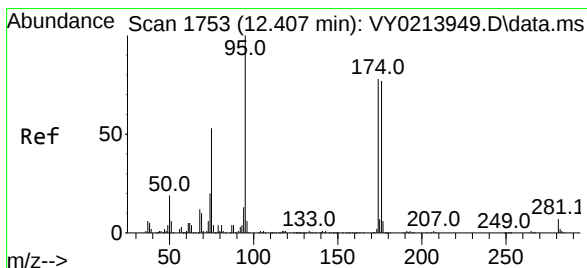
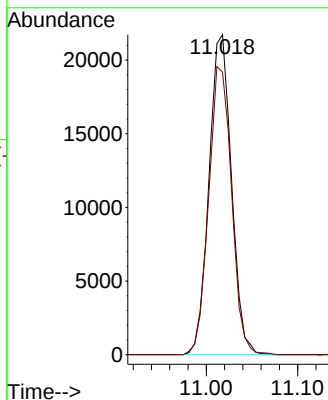
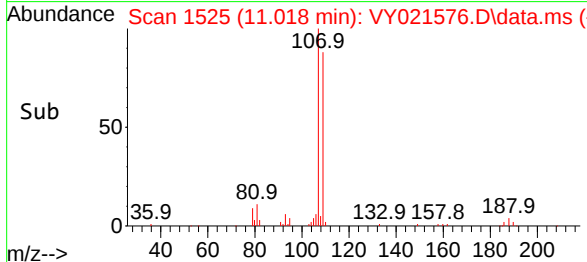
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



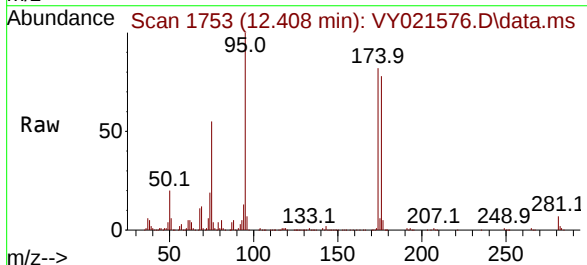
Tgt Ion:107 Resp: 37012
Ion Ratio Lower Upper
107 100
109 91.8 75.8 113.8

Manual Integrations
APPROVED

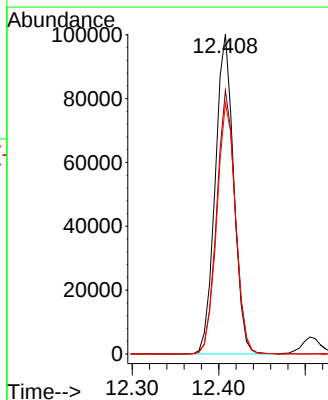
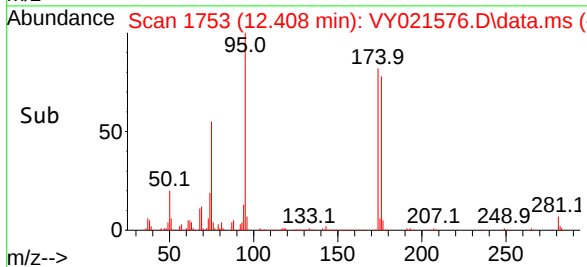
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

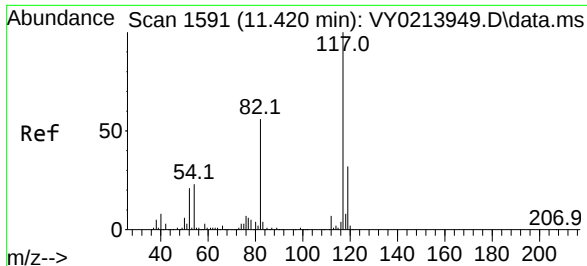


#62
4-Bromofluorobenzene
Concen: 47.742 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45



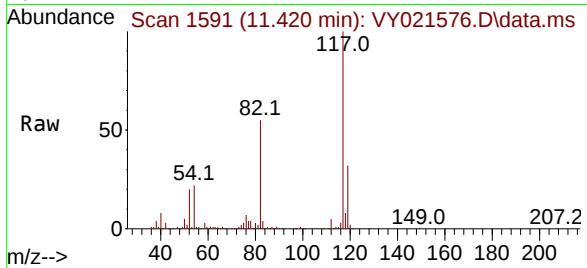
Tgt Ion: 95 Resp: 148255
Ion Ratio Lower Upper
95 100
174 82.5 0.0 165.0
176 79.8 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

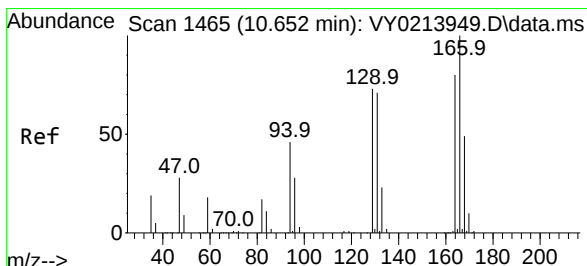
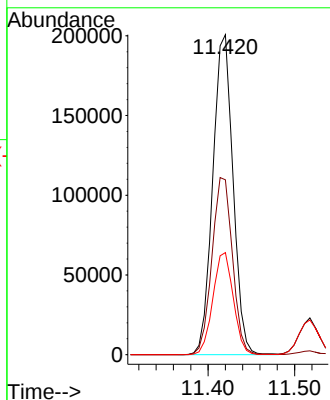
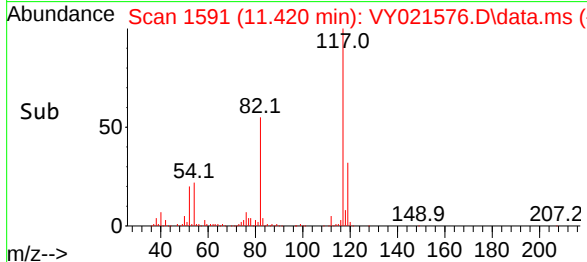
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion:117 Resp: 32573
Ion Ratio Lower Upper
117 100
82 54.6 44.6 67.0
119 31.9 25.4 38.0

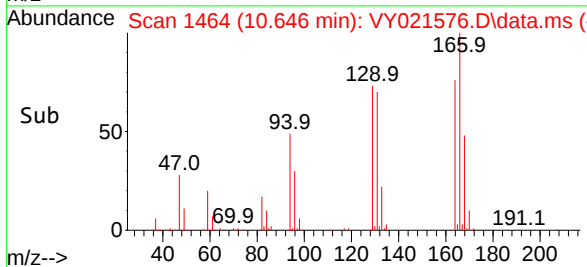
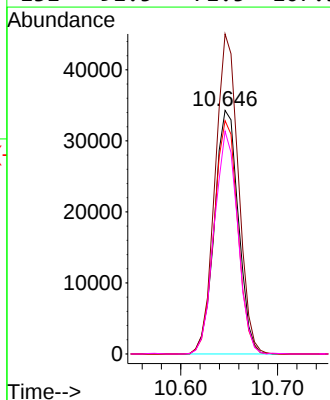
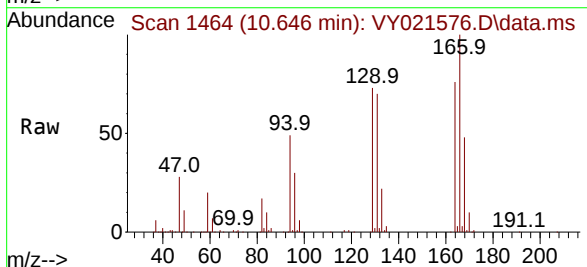
Manual Integrations
APPROVED

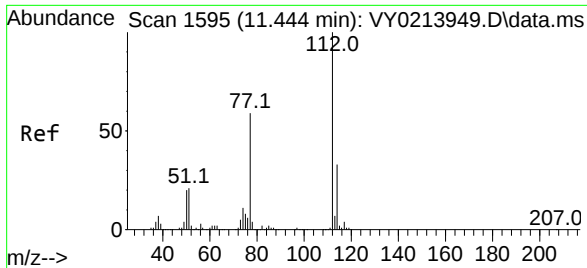
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#64
Tetrachloroethene
Concen: 22.169 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

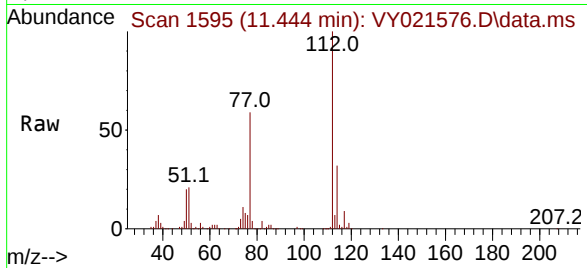
Tgt Ion:164 Resp: 58721
Ion Ratio Lower Upper
164 100
166 131.4 100.4 150.6
129 95.8 73.8 110.8
131 91.5 71.5 107.3





#65
Chlorobenzene
Concen: 19.261 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

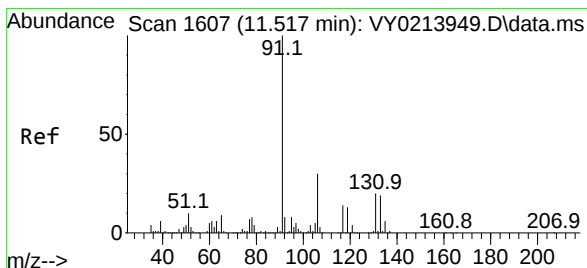
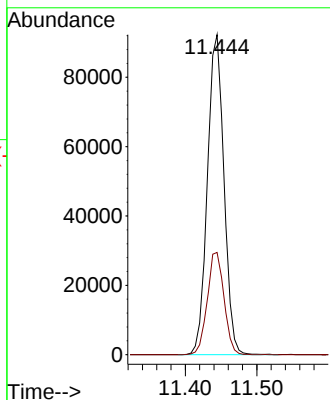
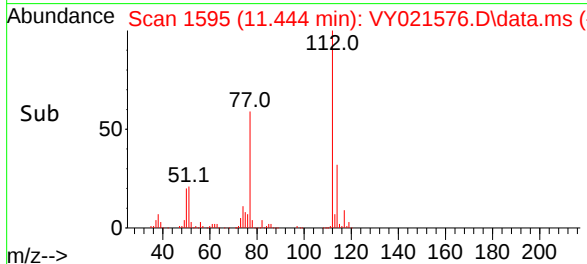
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



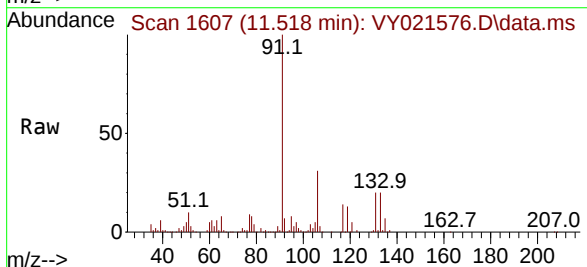
Tgt Ion:112 Resp: 148150
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1

Manual Integrations
APPROVED

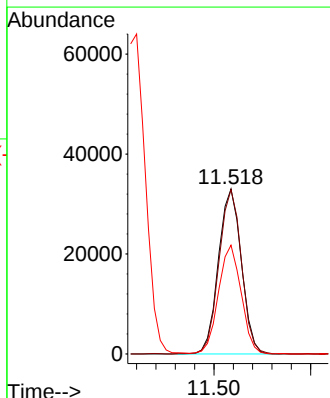
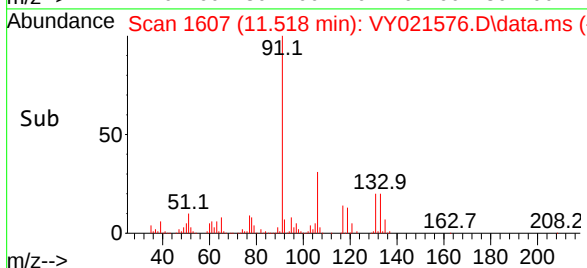
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

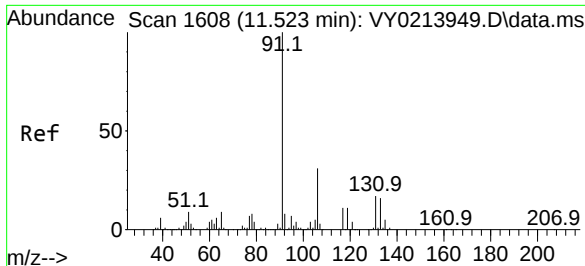


#66
1,1,1,2-Tetrachloroethane
Concen: 19.958 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45



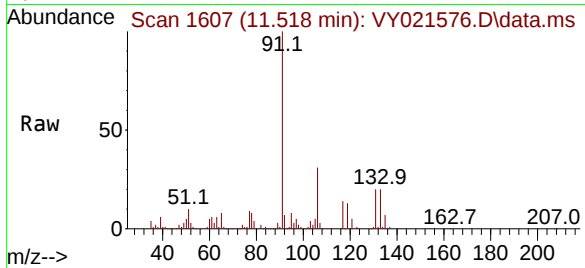
Tgt Ion:131 Resp: 54275
Ion Ratio Lower Upper
131 100
133 98.0 47.6 142.9
119 65.3 32.3 96.9





#67
Ethyl Benzene
Concen: 18.787 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

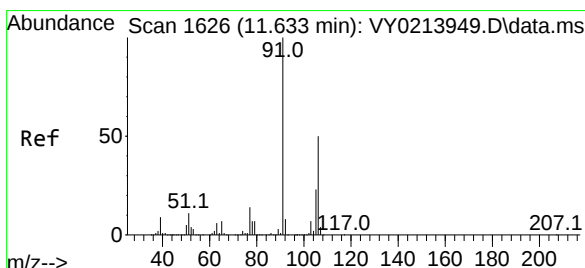
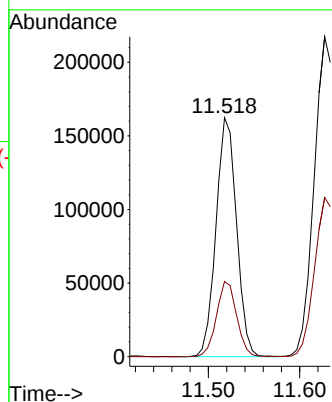
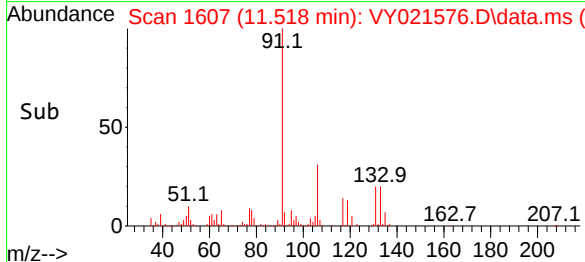
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



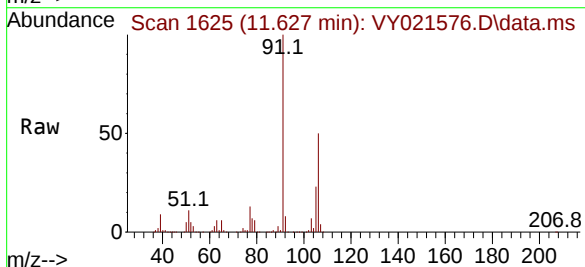
Tgt Ion: 91 Resp: 25364
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

Manual Integrations
APPROVED

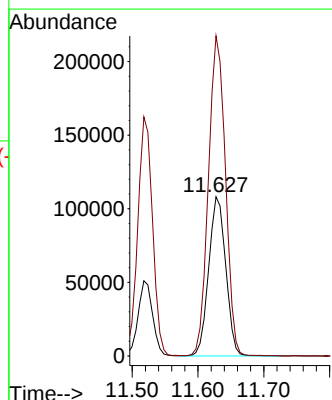
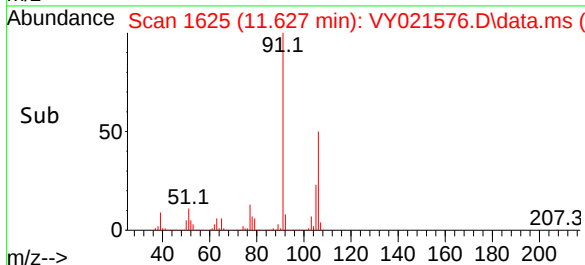
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

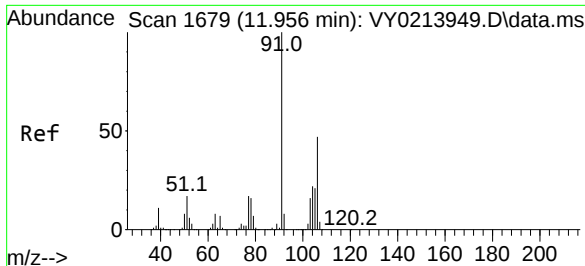


#68
m/p-Xylenes
Concen: 38.036 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45



Tgt Ion:106 Resp: 194960
Ion Ratio Lower Upper
106 100
91 201.2 161.7 242.5





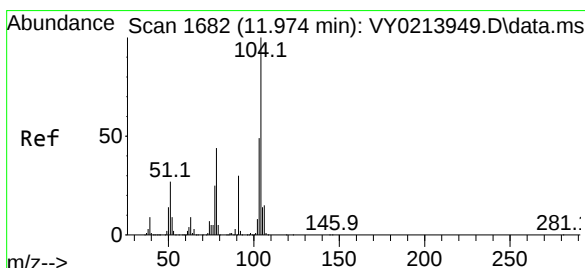
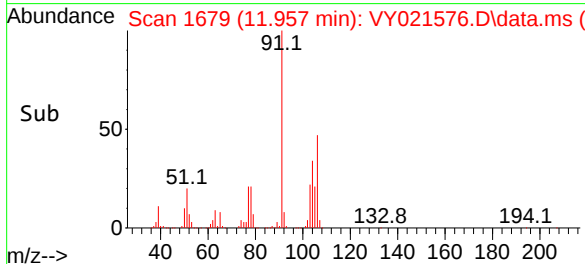
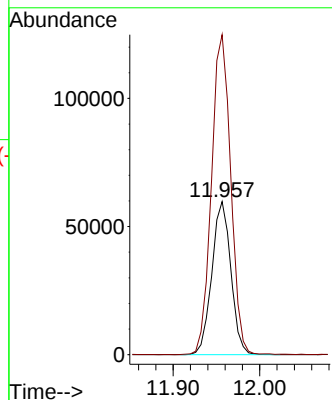
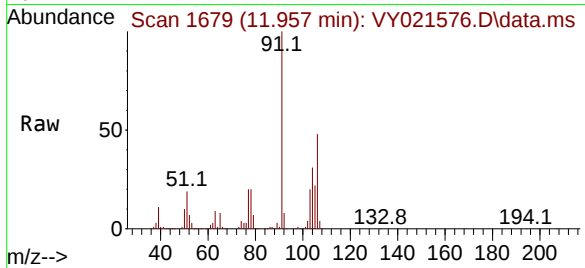
#69
o-Xylene
Concen: 19.272 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion:106 Resp: 91040
Ion Ratio Lower Upper
106 100
91 212.4 107.6 322.8

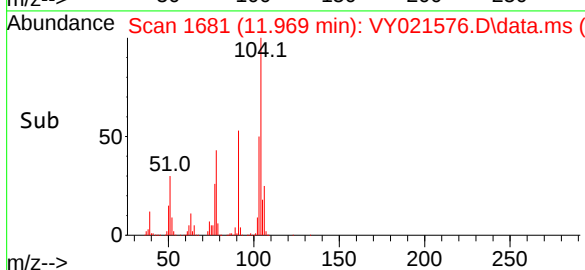
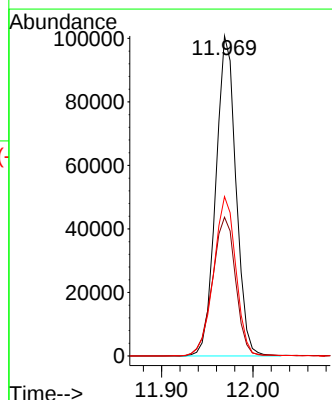
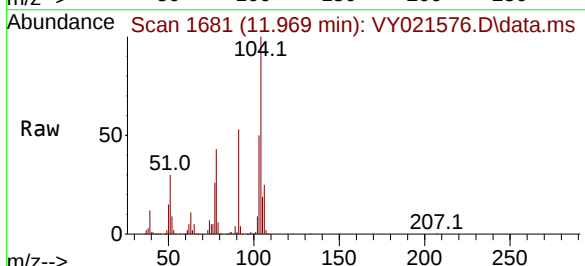
Manual Integrations
APPROVED

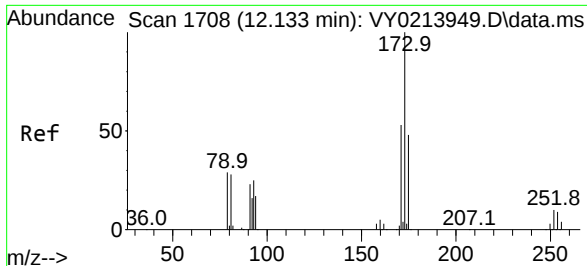
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#70
Styrene
Concen: 19.717 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

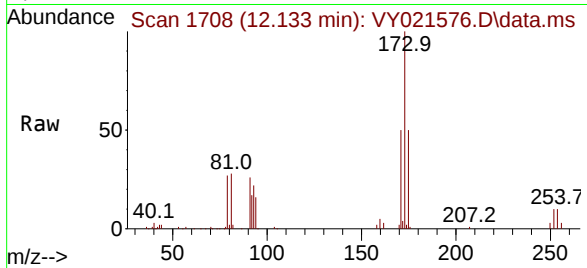
Tgt Ion:104 Resp: 154520
Ion Ratio Lower Upper
104 100
78 49.9 40.7 61.1
103 55.1 44.1 66.1





#71
Bromoform
Concen: 20.602 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

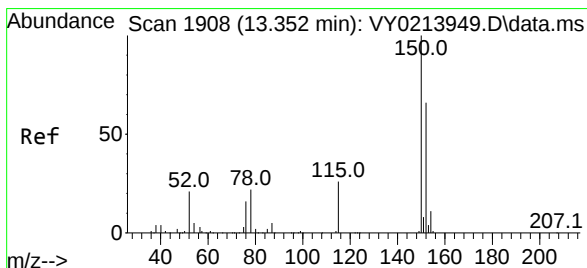
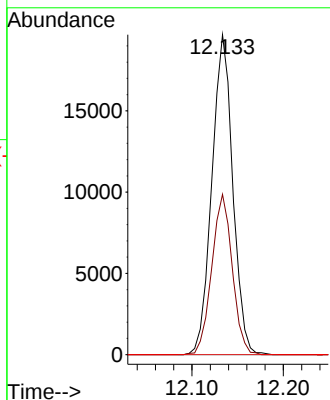
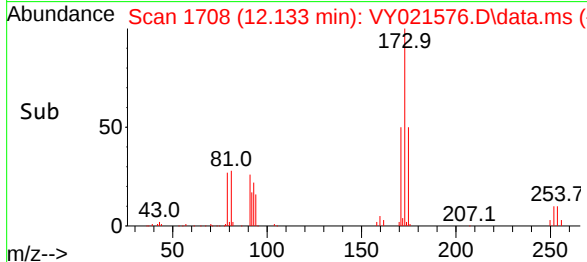
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



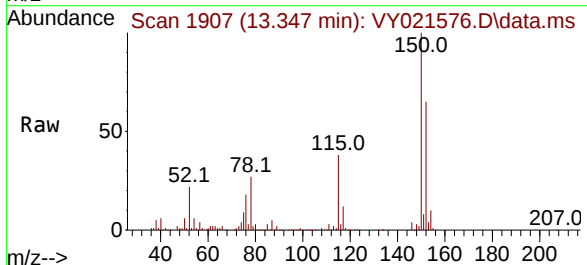
Tgt Ion:173 Resp: 31320
Ion Ratio Lower Upper
173 100
175 49.1 23.9 71.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

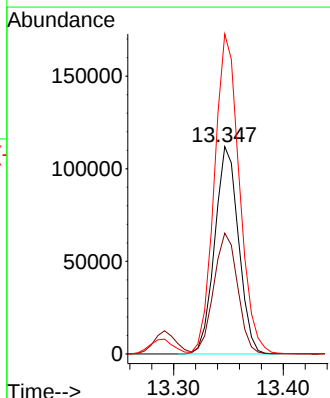
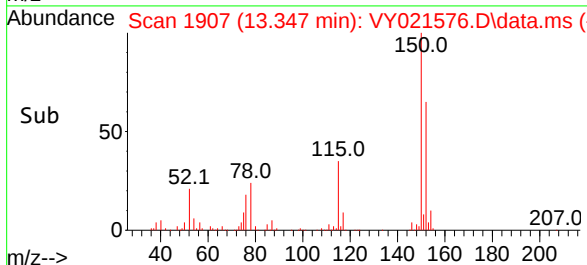
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

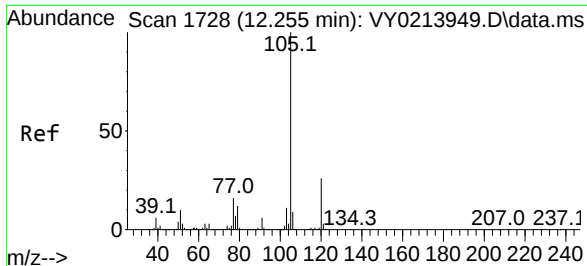


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45



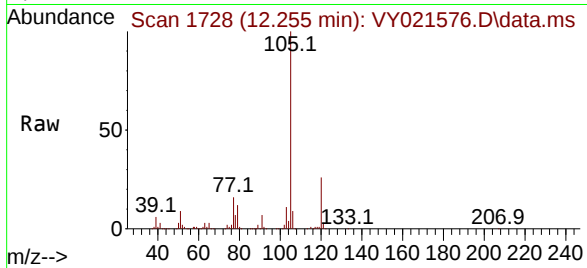
Tgt Ion:152 Resp: 168830
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.0
150 162.0 0.0 347.2





#73
Isopropylbenzene
Concen: 18.106 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

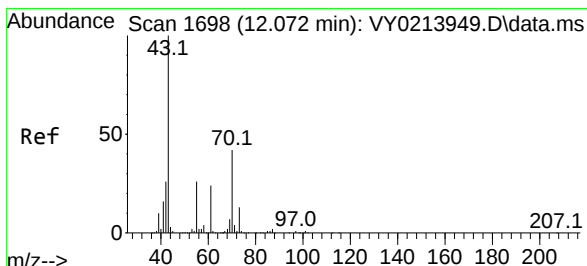
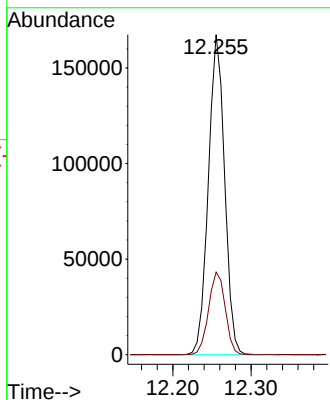
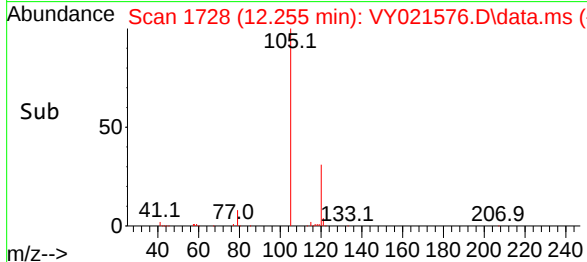
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



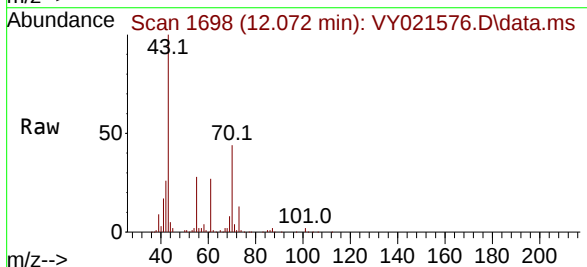
Tgt Ion:105 Resp: 24079
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

Manual Integrations
APPROVED

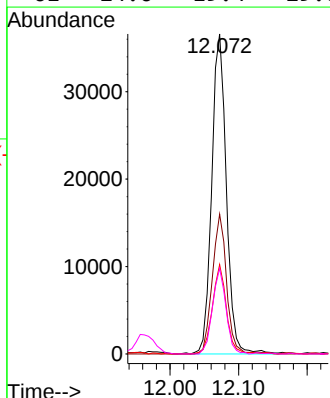
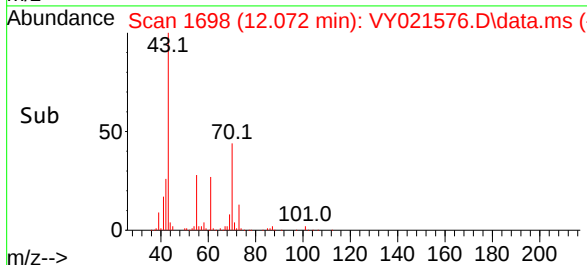
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

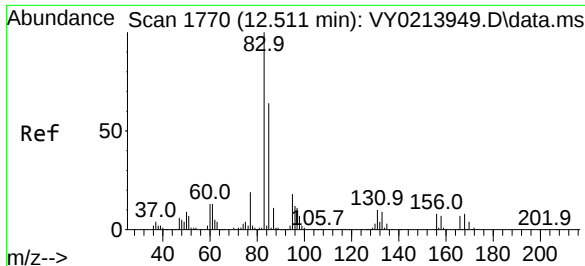


#74
N-ethyl acetate
Concen: 18.845 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45



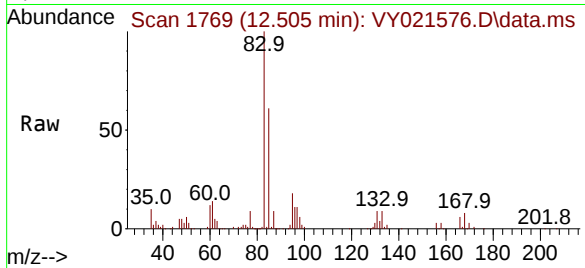
Tgt Ion: 43 Resp: 54428
Ion Ratio Lower Upper
43 100
70 42.3 34.6 51.8
55 26.9 21.1 31.7
61 24.6 19.4 29.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.014 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021576.D
 Acq: 20 Mar 2025 12:45

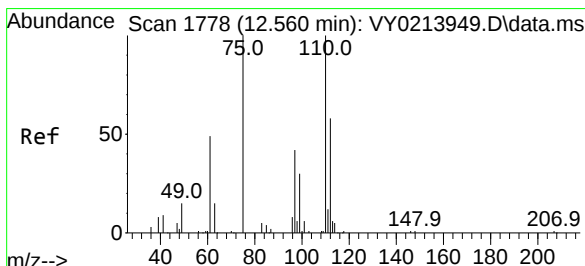
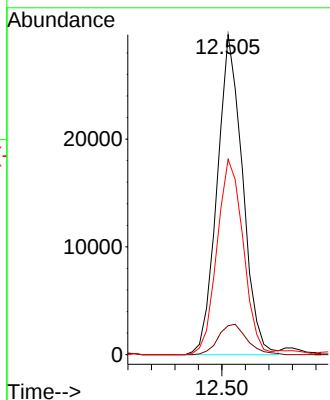
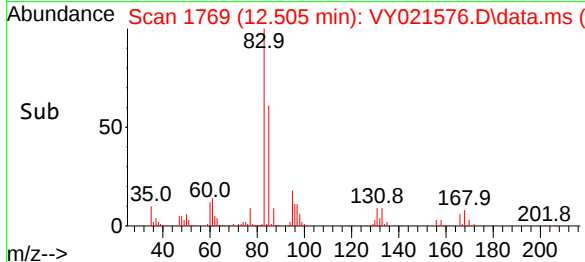
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01



Tgt Ion: 83 Resp: 44624
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 16.1
 85 63.1 31.9 95.5

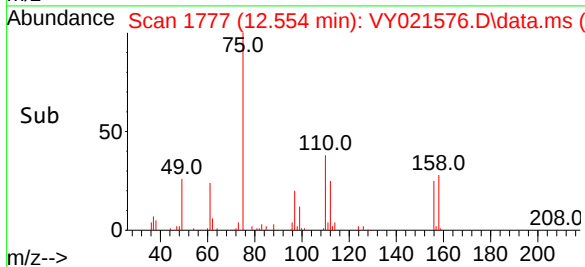
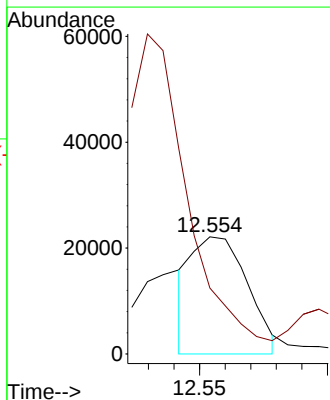
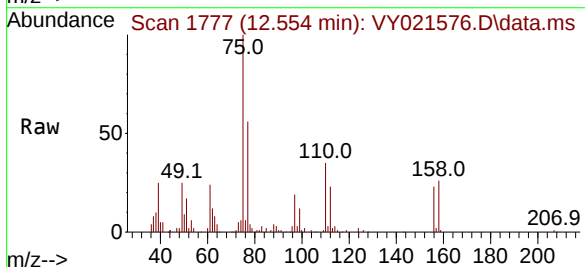
Manual Integrations
 APPROVED

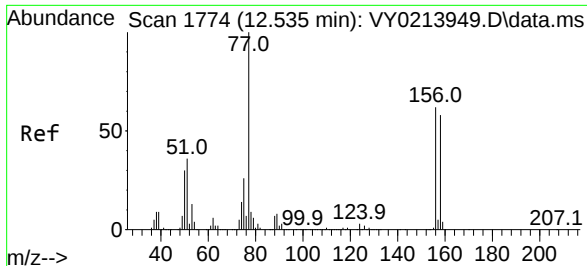
Reviewed By :Amit Patel 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#76
 1,2,3-Trichloropropane
 Concen: 19.879 ug/l m
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021576.D
 Acq: 20 Mar 2025 12:45

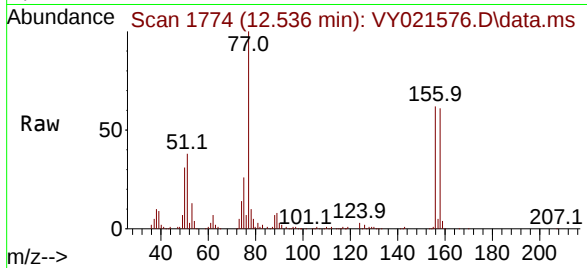
Tgt Ion: 75 Resp: 33819
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 18.920 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

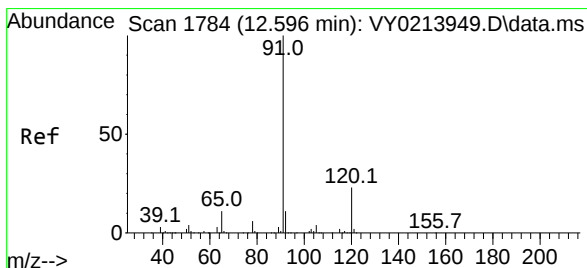
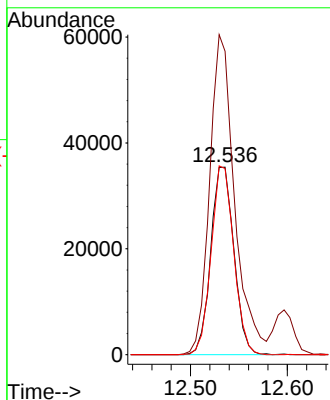
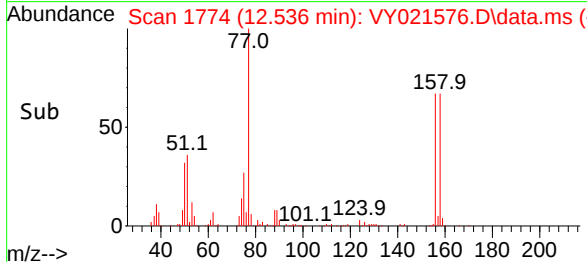
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion: 156 Resp: 5886
Ion Ratio Lower Upper
156 100
77 184.0 93.6 280.8
158 98.2 48.3 144.8

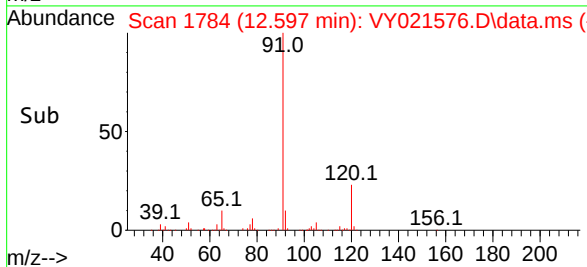
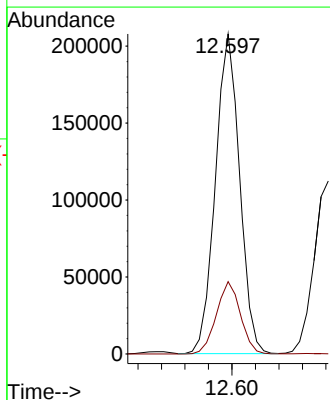
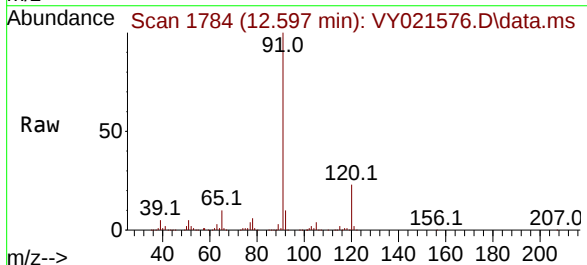
Manual Integrations
APPROVED

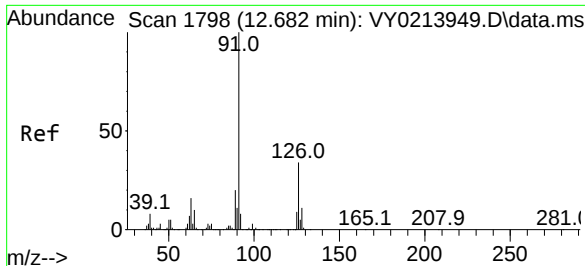
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#78
n-propylbenzene
Concen: 18.408 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

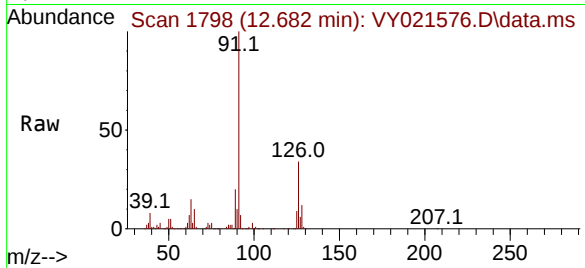
Tgt Ion: 91 Resp: 297325
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8





#79
2-Chlorotoluene
Concen: 18.414 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

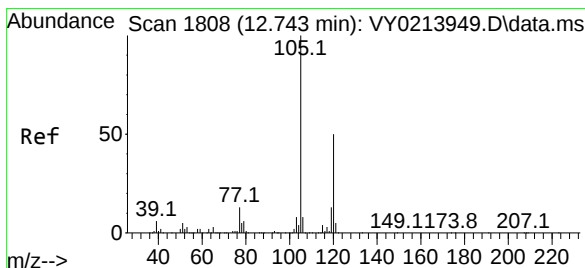
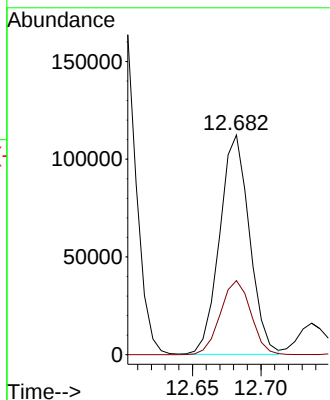
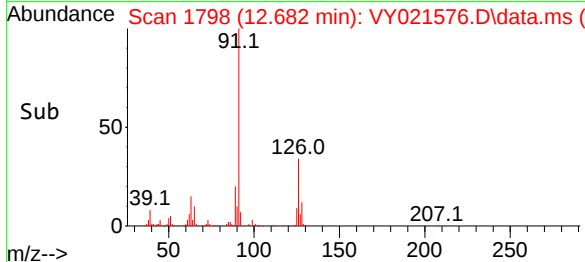
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



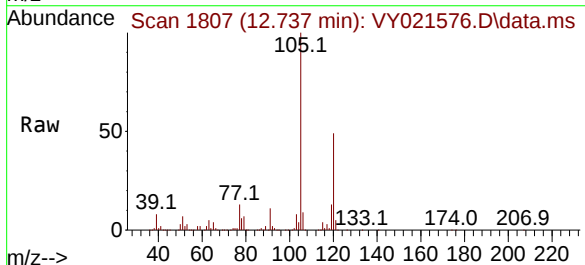
Tgt Ion: 91 Resp: 170059
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6

Manual Integrations
APPROVED

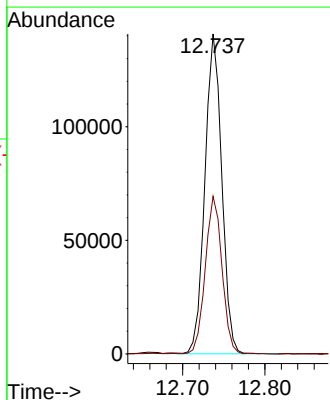
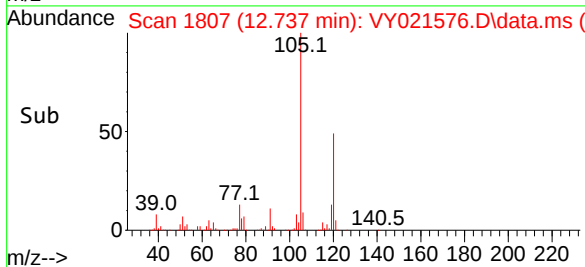
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

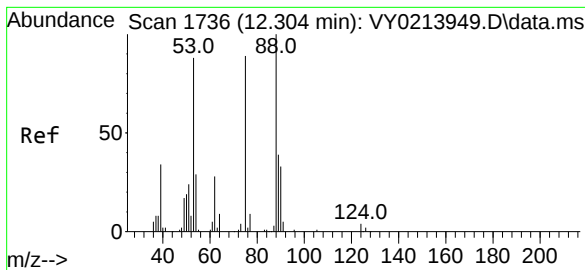


#80
1,3,5-Trimethylbenzene
Concen: 18.548 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45



Tgt Ion:105 Resp: 200466
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.6





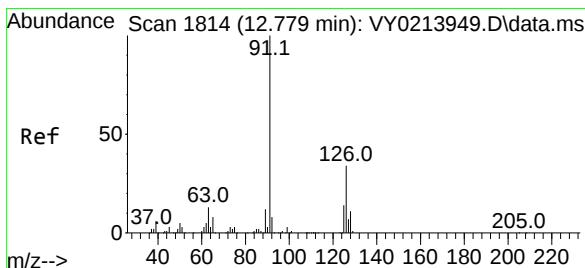
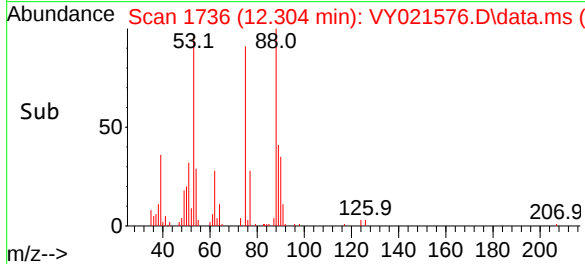
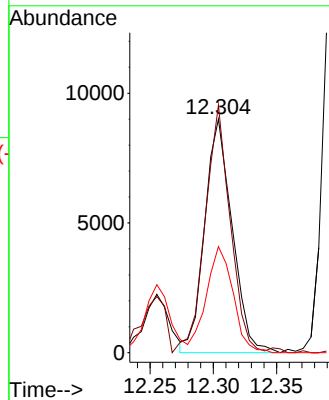
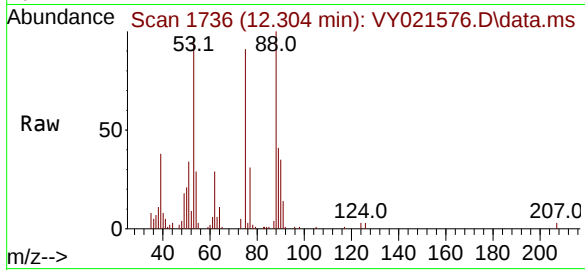
#81
trans-1,4-Dichloro-2-butene
Concen: 18.168 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 75 Resp: 13590
Ion Ratio Lower Upper
75 100
53 94.6 81.0 121.4
89 44.1 36.9 55.3

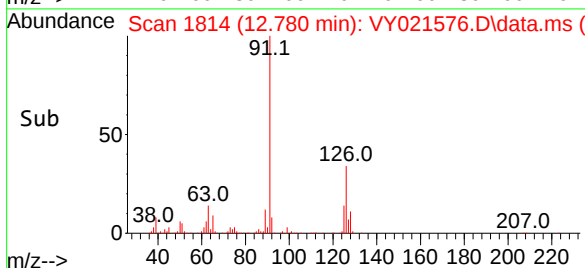
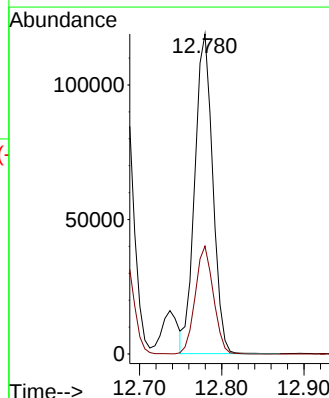
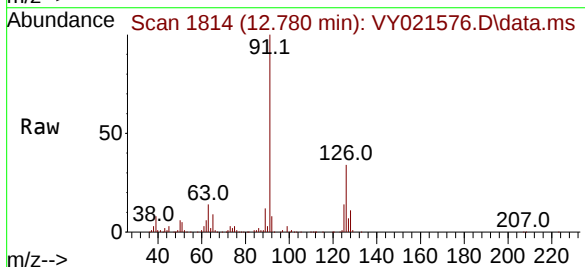
Manual Integrations
APPROVED

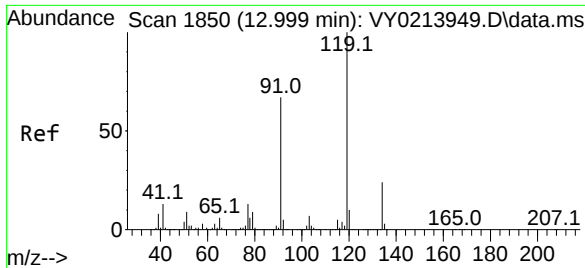
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#82
4-Chlorotoluene
Concen: 18.805 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

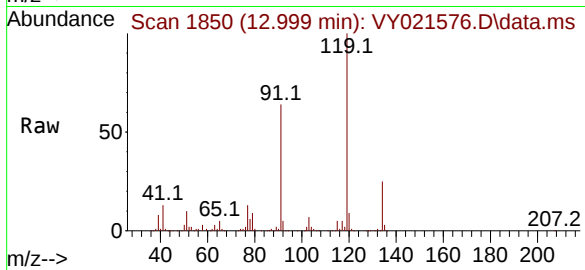
Tgt Ion: 91 Resp: 179837
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0





#83
tert-Butylbenzene
Concen: 18.676 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

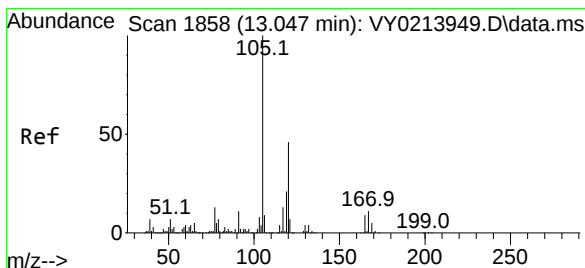
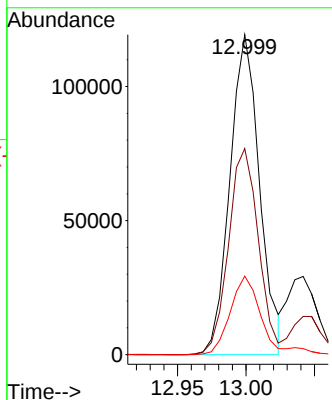
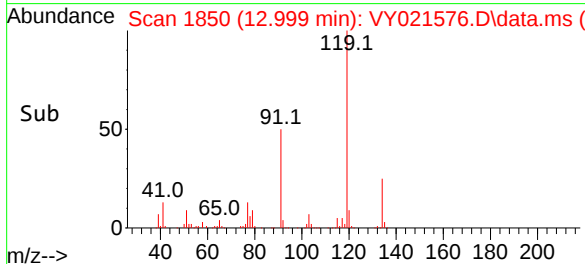
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



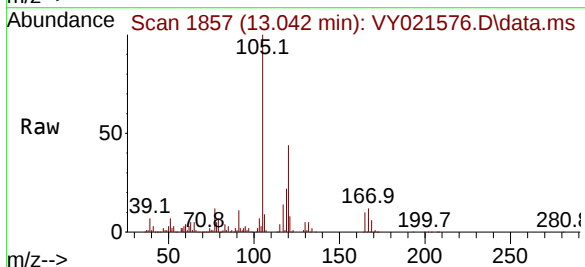
Tgt Ion:119 Resp: 18006
Ion Ratio Lower Upper
119 100
91 64.7 33.2 99.6
134 26.0 13.5 40.5

Manual Integrations
APPROVED

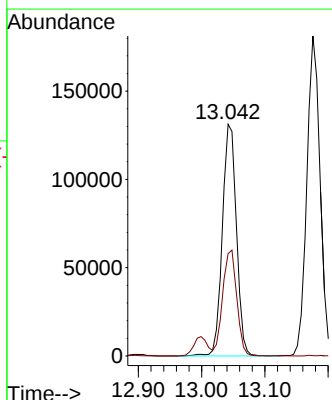
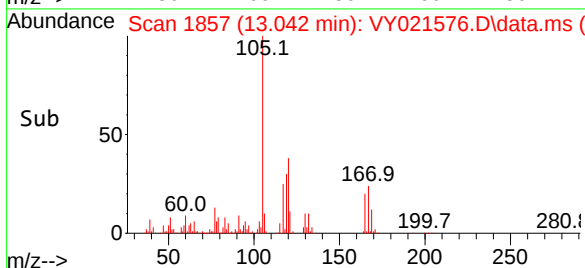
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

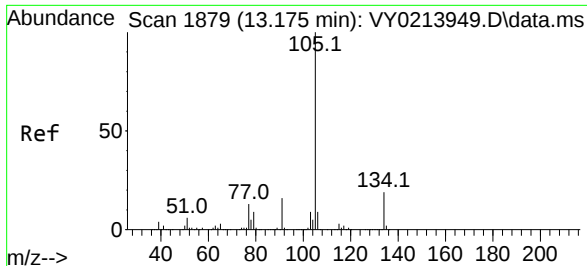


#84
1,2,4-Trimethylbenzene
Concen: 18.851 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45



Tgt Ion:105 Resp: 202288
Ion Ratio Lower Upper
105 100
120 45.7 22.7 68.1





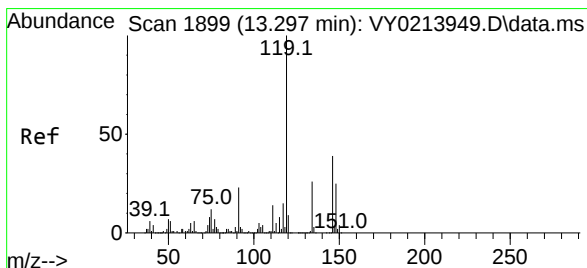
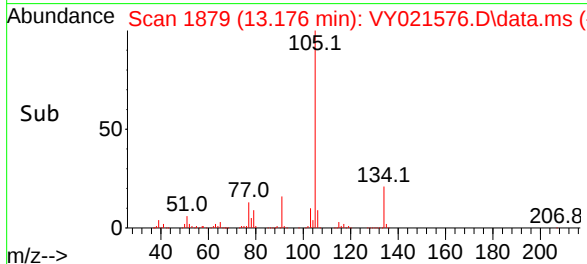
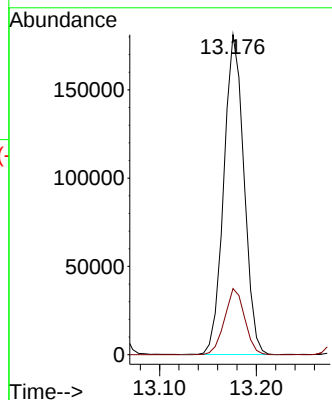
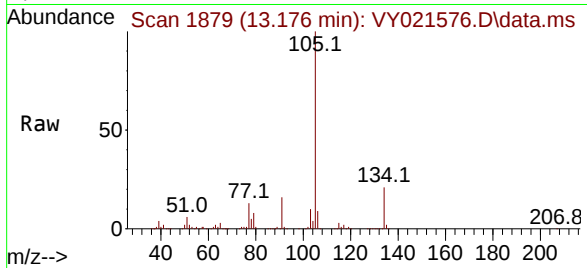
#85
 sec-Butylbenzene
 Concen: 18.288 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021576.D
 Acq: 20 Mar 2025 12:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

Tgt Ion:105 Resp: 26234
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.9 29.7

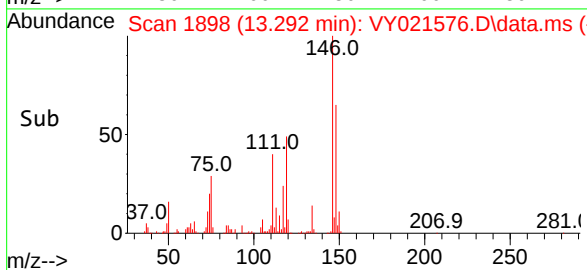
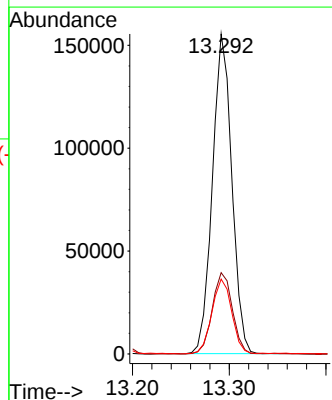
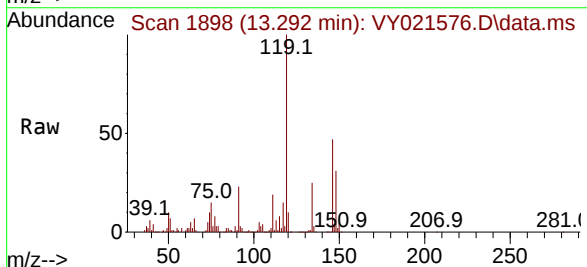
Manual Integrations
 APPROVED

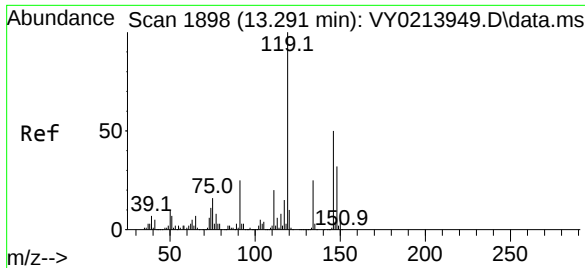
Reviewed By :Amit Patel 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#86
 p-Isopropyltoluene
 Concen: 18.317 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021576.D
 Acq: 20 Mar 2025 12:45

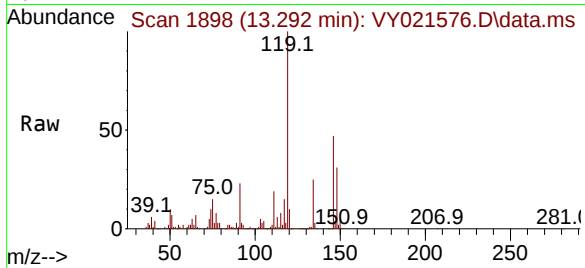
Tgt Ion:119 Resp: 216480
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 23.9 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 18.746 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

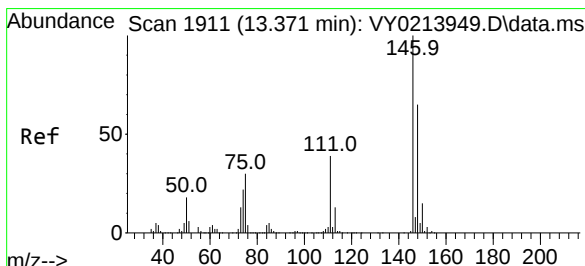
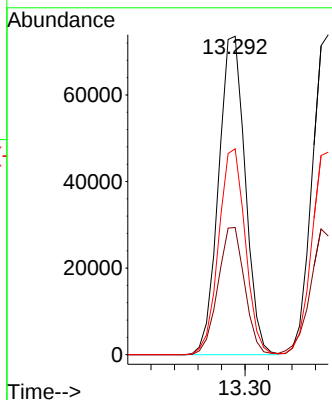
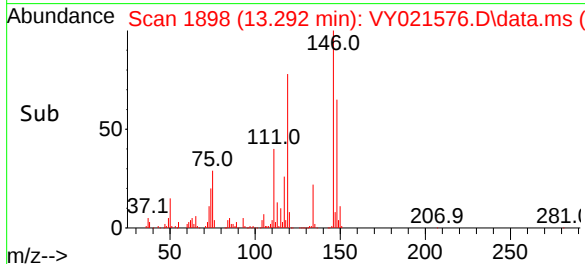
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion:146 Resp: 11609
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 64.5 31.8 95.3

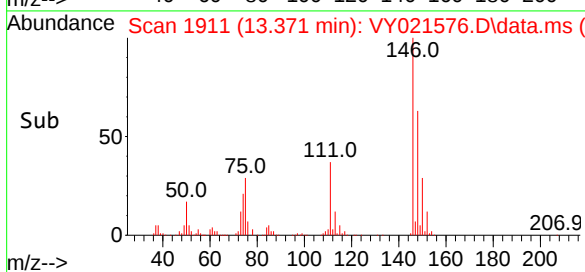
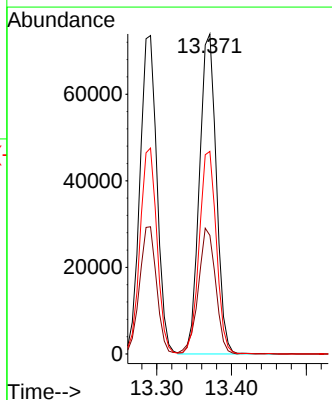
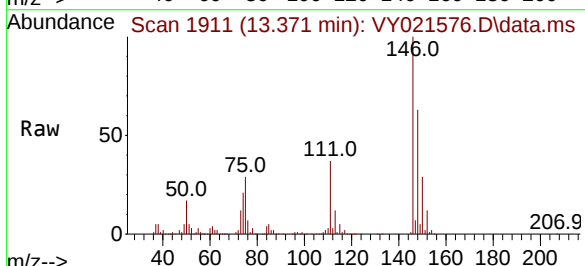
Manual Integrations
APPROVED

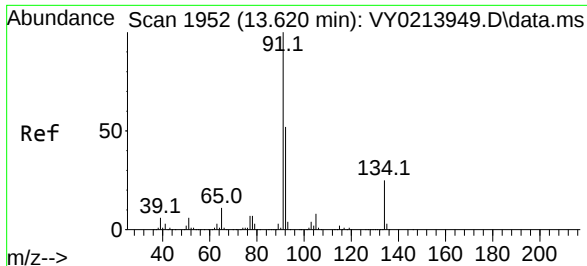
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#88
1,4-Dichlorobenzene
Concen: 19.140 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Tgt Ion:146 Resp: 115931
Ion Ratio Lower Upper
146 100
111 40.2 19.6 58.8
148 64.3 32.3 96.8





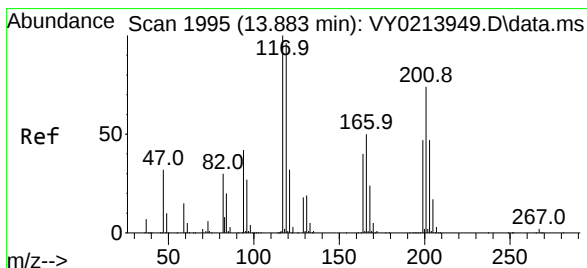
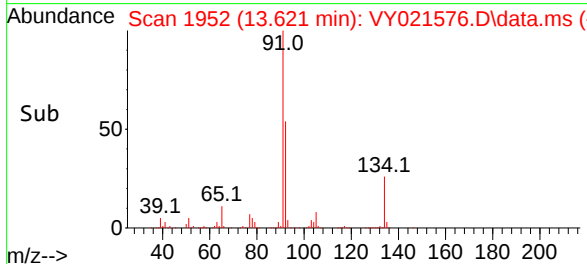
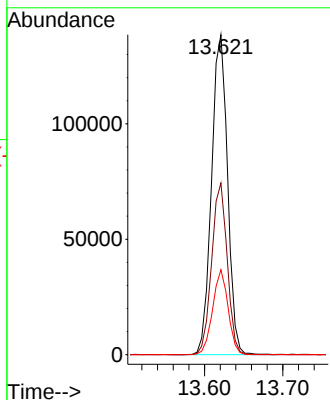
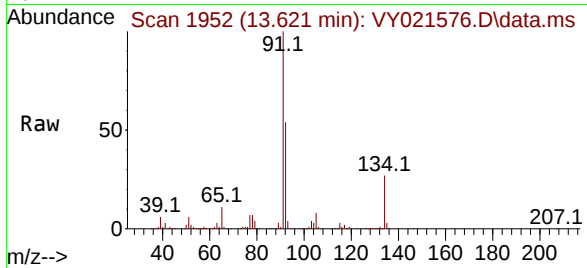
#89
n-Butylbenzene
Concen: 18.026 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 91 Resp: 196718
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.3
134 25.6 12.6 37.8

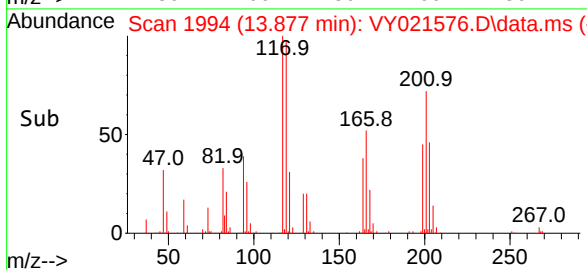
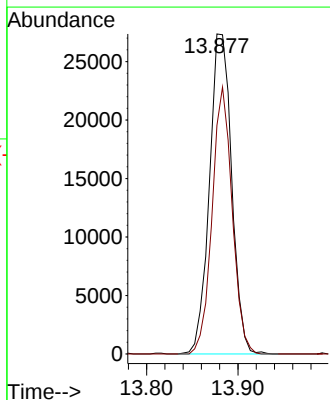
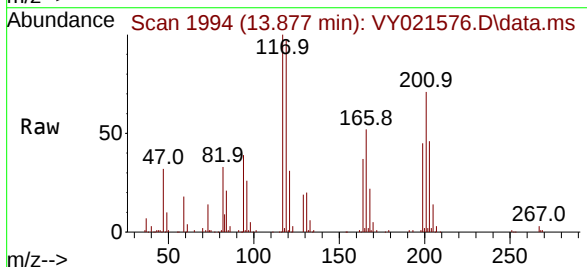
Manual Integrations
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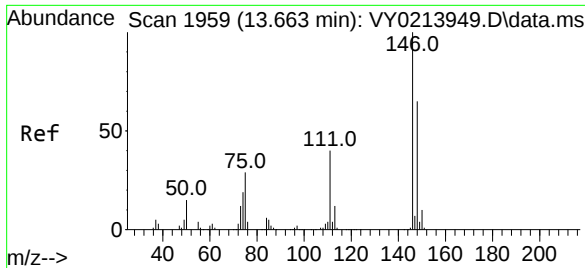
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#90
Hexachloroethane
Concen: 18.339 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Tgt Ion:117 Resp: 46236
Ion Ratio Lower Upper
117 100
201 75.2 37.4 112.2





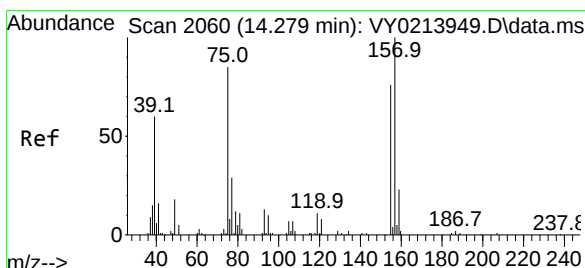
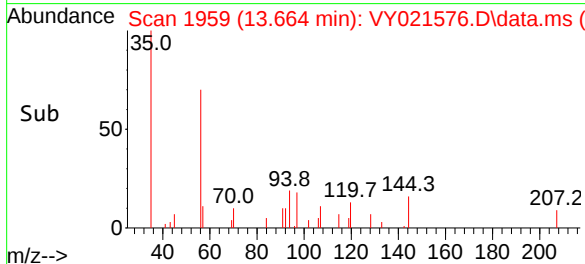
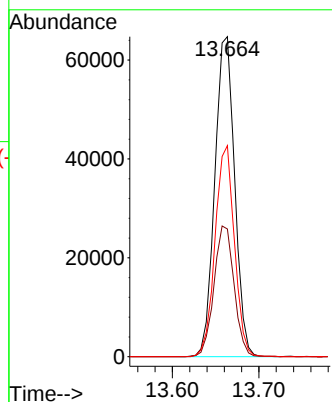
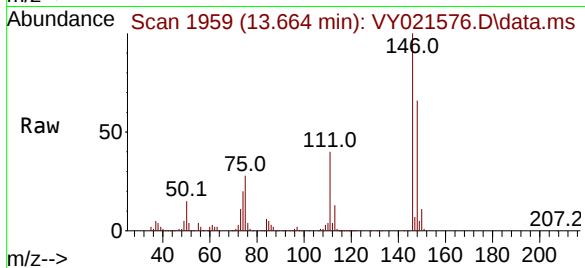
#91
1,2-Dichlorobenzene
Concen: 19.425 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion:146 Resp: 10311
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 64.4 32.1 96.5

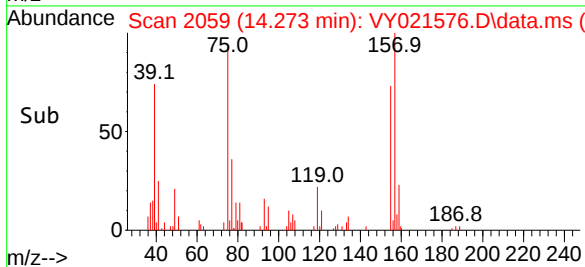
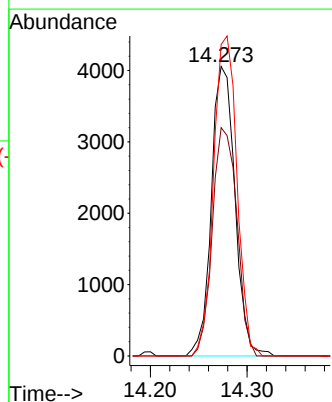
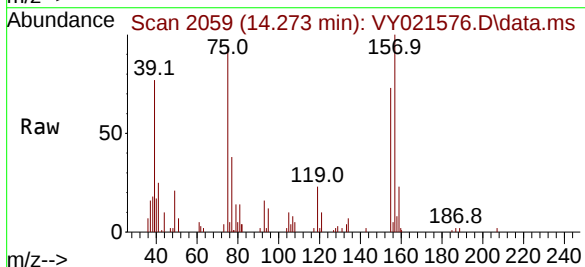
Manual Integrations
APPROVED

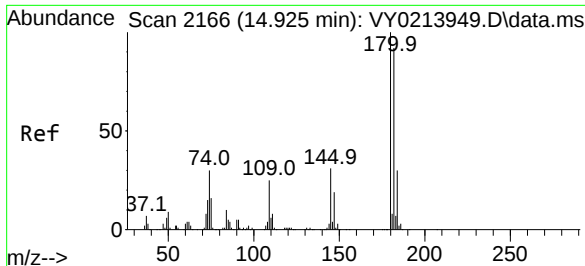
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.556 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

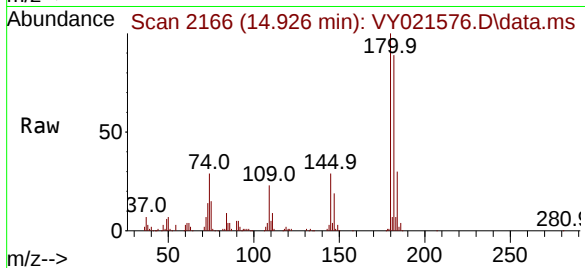
Tgt Ion: 75 Resp: 6875
Ion Ratio Lower Upper
75 100
155 81.6 43.5 130.5
157 109.2 54.4 163.2





#93
1,2,4-Trichlorobenzene
Concen: 19.384 ug/l
RT: 14.926 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

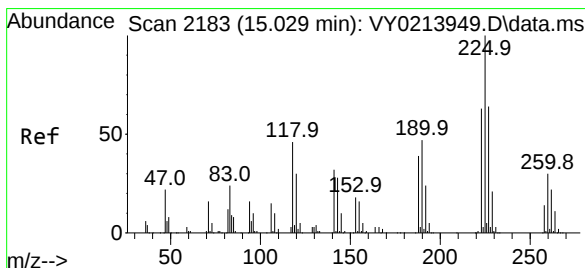
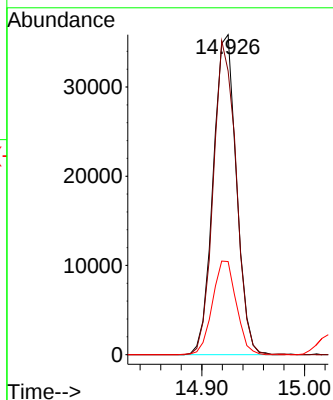
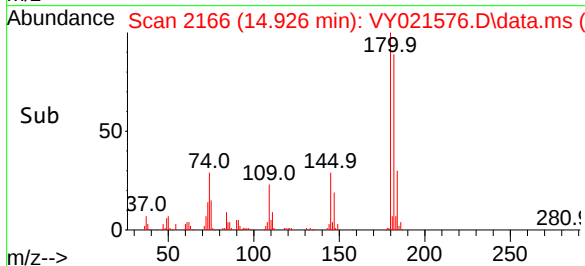
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



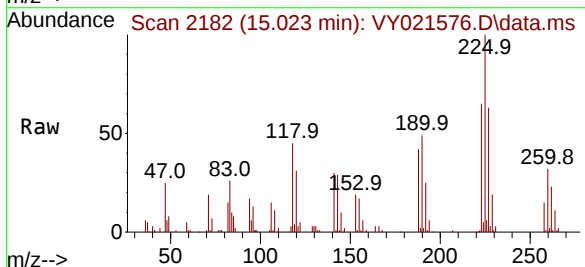
Tgt Ion:180 Resp: 56200
Ion Ratio Lower Upper
180 100
182 96.3 46.7 140.0
145 30.1 15.6 46.8

Manual Integrations
APPROVED

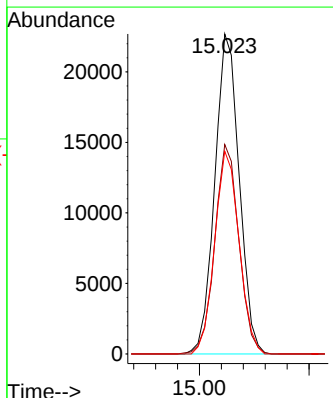
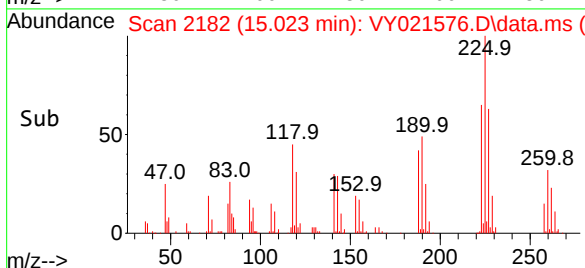
Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

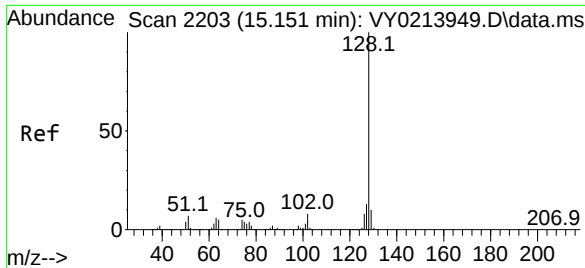


#94
Hexachlorobutadiene
Concen: 19.290 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45



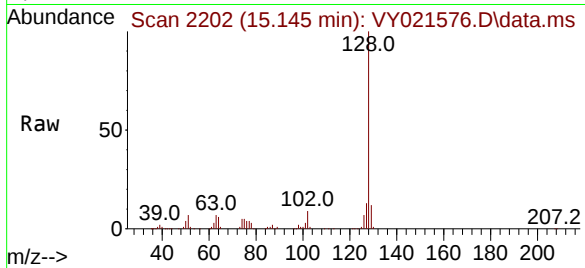
Tgt Ion:225 Resp: 35059
Ion Ratio Lower Upper
225 100
223 64.5 31.4 94.2
227 63.3 31.8 95.4





#95
Naphthalene
Concen: 20.385 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

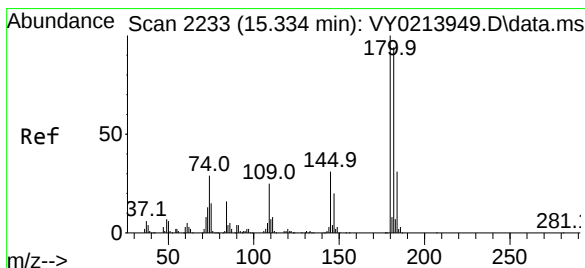
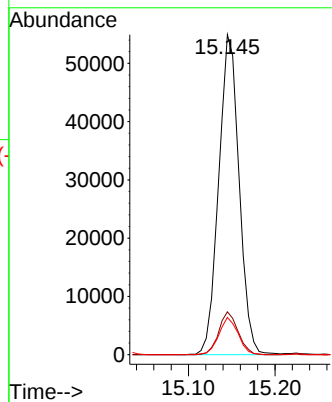
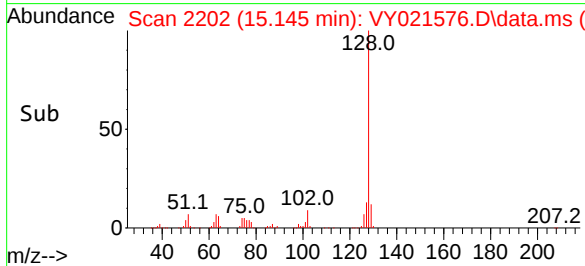
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion:128 Resp: 90032
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Amit Patel 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.714 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021576.D
Acq: 20 Mar 2025 12:45

Tgt Ion:180 Resp: 48073
Ion Ratio Lower Upper
180 100
182 93.3 47.2 141.6
145 32.8 16.4 49.1

