

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021213.D
 Acq On : 17 Feb 2025 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 18 00:43:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/18/2025
 Supervised By :Mahesh Dadoda 02/18/2025

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	132619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	201801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	175510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	85309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	68619	50.500	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.000%			
35) Dibromofluoromethane	7.646	113	65146	50.373	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.740%			
50) Toluene-d8	10.115	98	250878	50.954	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.900%			
62) 4-Bromofluorobenzene	12.414	95	84737	52.680	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	61715	52.212	ug/l	97
3) Chloromethane	2.080	50	63477	54.422	ug/l	96
4) Vinyl Chloride	2.214	62	65154	55.498	ug/l	99
5) Bromomethane	2.611	94	38444	52.982	ug/l	98
6) Chloroethane	2.751	64	38590	55.219	ug/l	96
7) Trichlorofluoromethane	3.074	101	112988	52.827	ug/l	99
8) Diethyl Ether	3.464	74	33154	49.655	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.836	101	70228	52.317	ug/l	95
10) Methyl Iodide	4.019	142	78769	52.818	ug/l	92
11) Tert butyl alcohol	4.885	59	20074	218.009	ug/l #	92
12) 1,1-Dichloroethene	3.805	96	65291	51.634	ug/l	87
13) Acrolein	3.671	56	17439	122.991	ug/l	97
14) Allyl chloride	4.403	41	116030	54.446	ug/l	94
15) Acrylonitrile	5.073	53	74827	269.125	ug/l	98
16) Acetone	3.885	43	64826	305.927	ug/l	97
17) Carbon Disulfide	4.122	76	191226	48.227	ug/l	99
18) Methyl Acetate	4.397	43	41603	55.928	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	171505	53.662	ug/l	98
20) Methylene Chloride	4.635	84	69729	52.934	ug/l	94
21) trans-1,2-Dichloroethene	5.134	96	72407	52.021	ug/l	93
22) Diisopropyl ether	6.031	45	246129	56.032	ug/l	98
23) Vinyl Acetate	5.976	43	677857	276.818	ug/l	98
24) 1,1-Dichloroethane	5.927	63	139179	54.079	ug/l	98
25) 2-Butanone	6.909	43	96389	276.814	ug/l	99
26) 2,2-Dichloropropane	6.902	77	131859	55.372	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	85855	53.589	ug/l	93
28) Bromochloromethane	7.256	49	56126	55.151	ug/l	98
29) Tetrahydrofuran	7.274	42	64200	272.472	ug/l	93
30) Chloroform	7.433	83	146096	55.266	ug/l	100
31) Cyclohexane	7.713	56	117137	50.543	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	136147	55.395	ug/l	100
36) 1,1-Dichloropropene	7.847	75	105191	54.914	ug/l	98
37) Ethyl Acetate	7.000	43	45271	53.872	ug/l	99
38) Carbon Tetrachloride	7.829	117	124742	55.732	ug/l	98
39) Methylcyclohexane	9.115	83	126999	54.201	ug/l	96
40) Benzene	8.091	78	310527	55.239	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	23531	48.401	ug/l	95
42) 1,2-Dichloroethane	8.171	62	86633	55.555	ug/l	97
43) Isopropyl Acetate	8.207	43	92483	55.387	ug/l	96
44) Trichloroethene	8.878	130	77228	53.174	ug/l	95
45) 1,2-Dichloropropane	9.152	63	74301	55.687	ug/l	98
46) Dibromomethane	9.243	93	40185	54.395	ug/l	96
47) Bromodichloromethane	9.432	83	109543	55.289	ug/l	97
48) Methyl methacrylate	9.231	41	44432	58.417	ug/l	92
49) 1,4-Dioxane	9.243	88	7080	1029.480	ug/l #	82
51) 4-Methyl-2-Pentanone	10.006	43	230869	274.949	ug/l	97
52) Toluene	10.182	92	196847	55.768	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	99811	56.104	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	118200	56.114	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	52417	54.792	ug/l	98
56) Ethyl methacrylate	10.451	69	71321	55.729	ug/l	89
57) 1,3-Dichloropropane	10.725	76	92214	55.691	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	166427	273.348	ug/l	100
59) 2-Hexanone	10.768	43	154889	286.494	ug/l	95
60) Dibromochloromethane	10.920	129	73829	54.954	ug/l	99
61) 1,2-Dibromoethane	11.024	107	47330	52.820	ug/l	99
64) Tetrachloroethene	10.658	164	69679	53.480	ug/l	96
65) Chlorobenzene	11.450	112	211219	54.047	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	76225	54.885	ug/l	96
67) Ethyl Benzene	11.530	91	386777	55.955	ug/l	100
68) m/p-Xylenes	11.639	106	285870	110.551	ug/l	96
69) o-Xylene	11.963	106	135642	56.263	ug/l	97
70) Styrene	11.981	104	229257	57.054	ug/l	98
71) Bromoform	12.139	173	41518	53.708	ug/l #	96
73) Isopropylbenzene	12.261	105	371492	55.747	ug/l	100
74) N-amyl acetate	12.078	43	79146	54.325	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.517	83	58673	52.941	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	38890m	50.255	ug/l	
77) Bromobenzene	12.542	156	81338	52.893	ug/l	96
78) n-propylbenzene	12.603	91	446869	56.294	ug/l	98
79) 2-Chlorotoluene	12.688	91	249029	54.773	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	303783	56.227	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	20669	54.499	ug/l	95
82) 4-Chlorotoluene	12.786	91	253914	54.814	ug/l	100
83) tert-Butylbenzene	13.005	119	271230	55.230	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	299137	56.626	ug/l	99
85) sec-Butylbenzene	13.188	105	398052	56.308	ug/l	98
86) p-Isopropyltoluene	13.304	119	333365	56.770	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	160277	53.979	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	154124	52.718	ug/l	98
89) n-Butylbenzene	13.627	91	309156	57.710	ug/l	99
90) Hexachloroethane	13.889	117	67961	55.477	ug/l	87
91) 1,2-Dichlorobenzene	13.669	146	138968	53.923	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	8577	51.788	ug/l	97
93) 1,2,4-Trichlorobenzene	14.931	180	79481	55.406	ug/l	99
94) Hexachlorobutadiene	15.035	225	53251	56.017	ug/l	99
95) Naphthalene	15.157	128	127436	55.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	65571	54.926	ug/l	99

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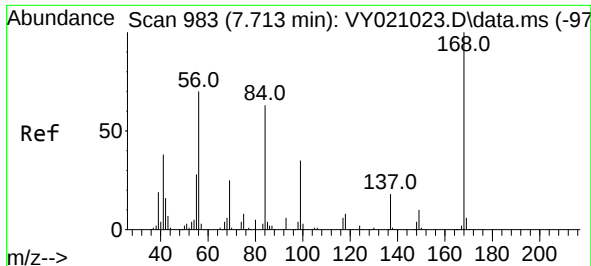
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/18/2025

Quant Time: Feb 18 00:43:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

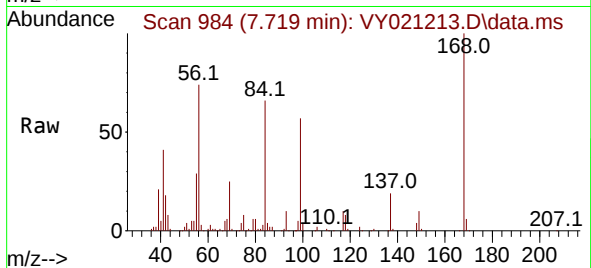
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021213.D
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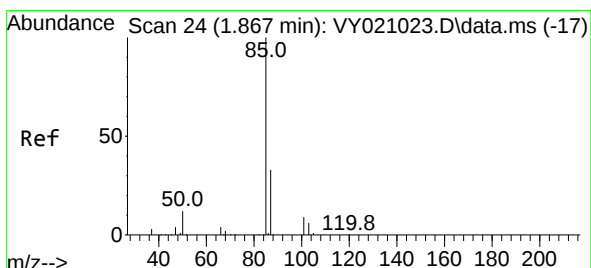
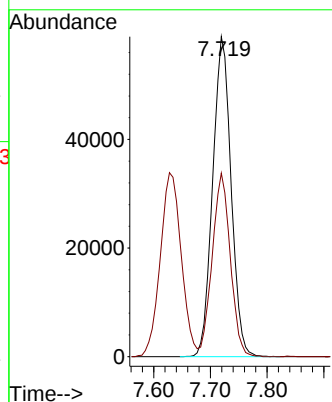
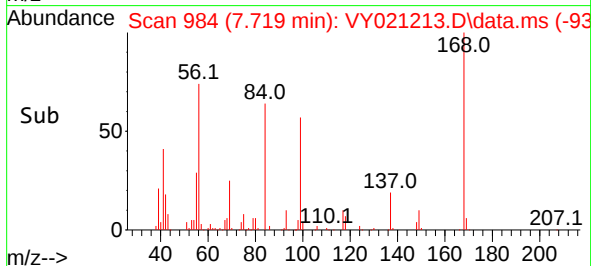
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 132619
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4

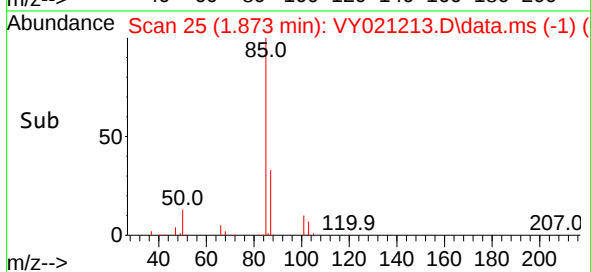
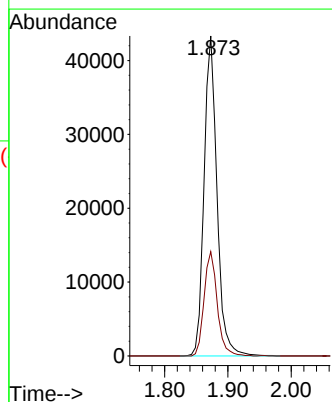
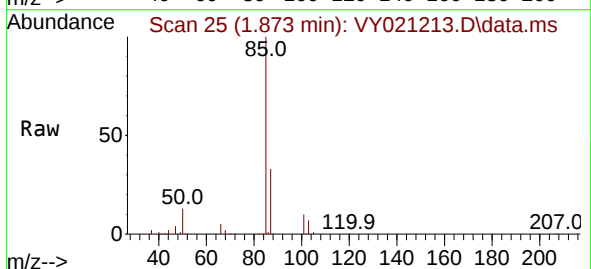
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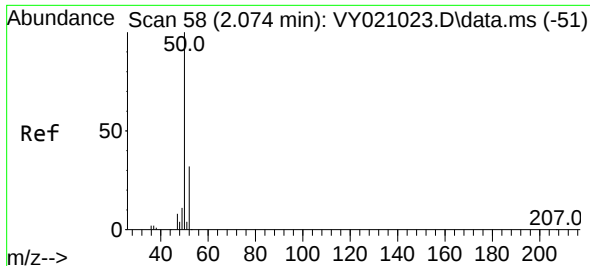
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#2
Dichlorodifluoromethane
Concen: 52.212 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 85 Resp: 61715
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.3





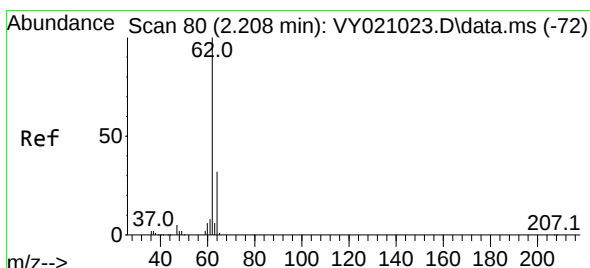
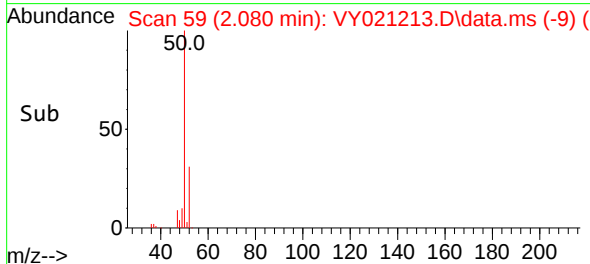
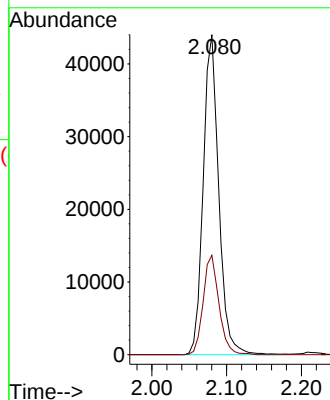
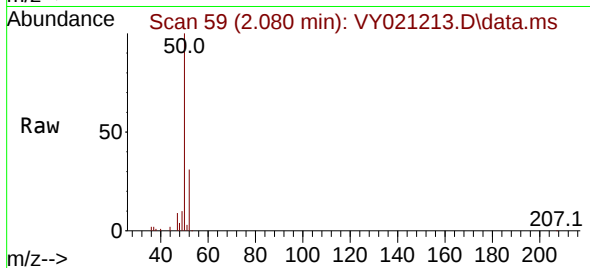
#3
Chloromethane
Concen: 54.422 ug/l
RT: 2.080 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

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Tgt Ion: 50 Resp: 6347
Ion Ratio Lower Upper
50 100
52 31.1 26.7 40.1

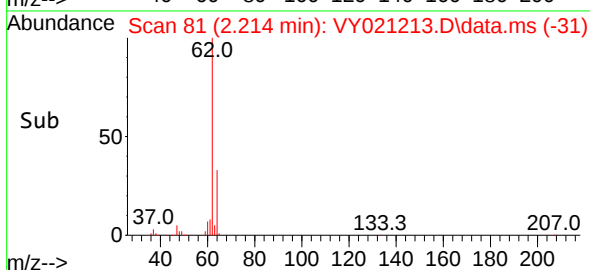
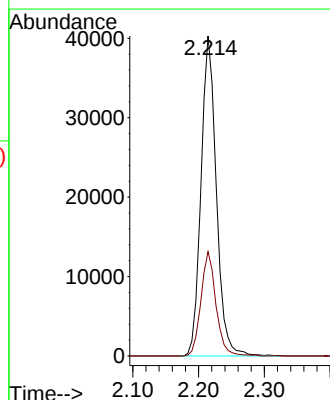
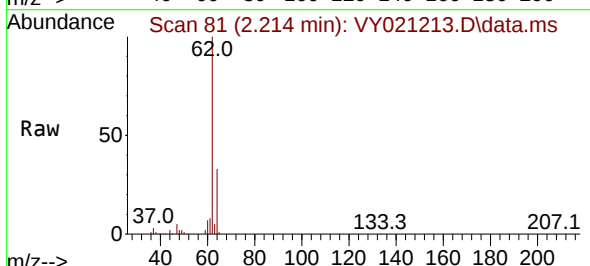
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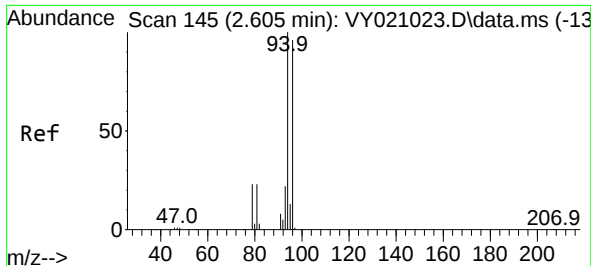
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#4
Vinyl Chloride
Concen: 55.498 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

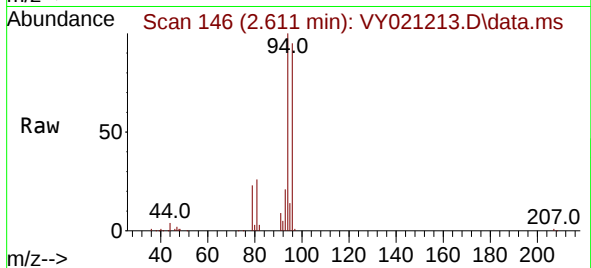
Tgt Ion: 62 Resp: 65154
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5





#5
Bromomethane
Concen: 52.982 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

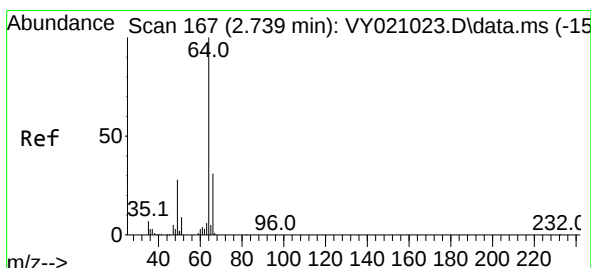
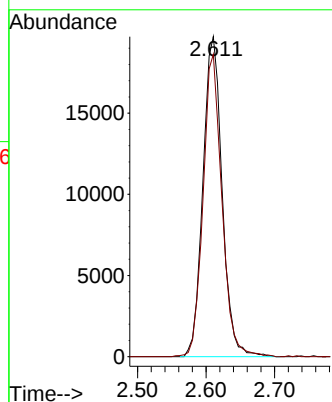
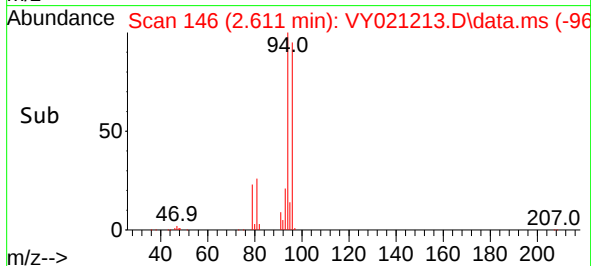
Instrument :
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Tgt Ion: 94 Resp: 3844
Ion Ratio Lower Upper
94 100
96 94.5 77.3 115.9

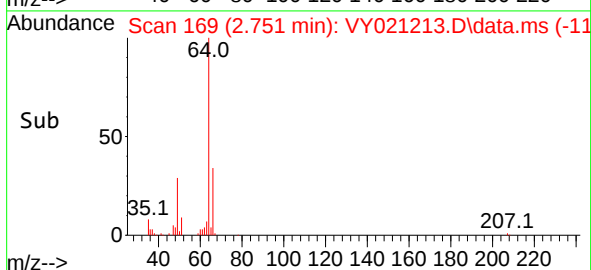
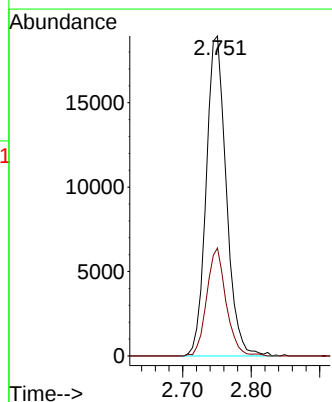
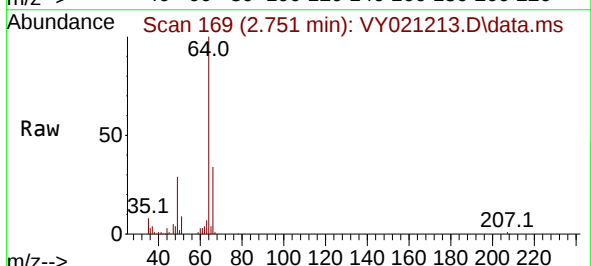
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#6
Chloroethane
Concen: 55.219 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

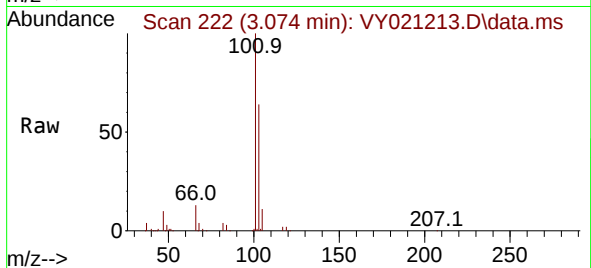
Tgt Ion: 64 Resp: 38590
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 52.827 ug/l
RT: 3.074 min Scan# 211
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

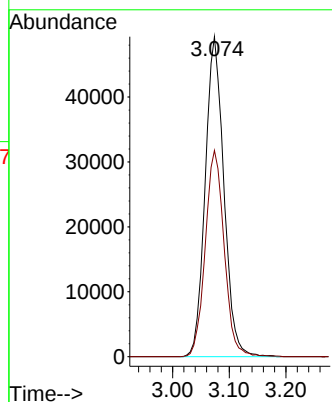
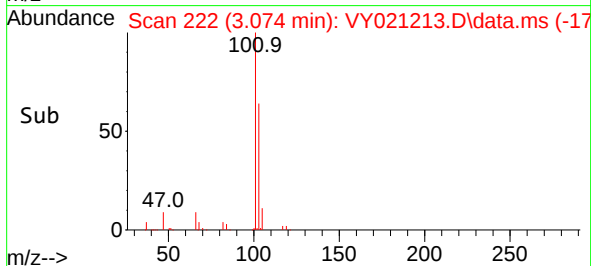
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 11298
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

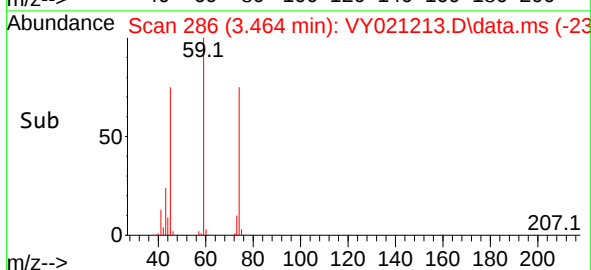
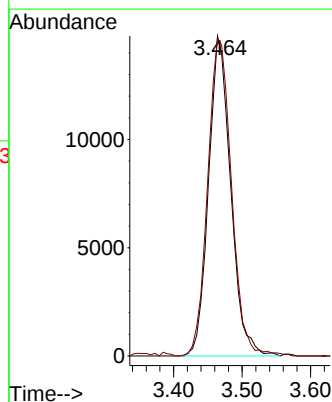
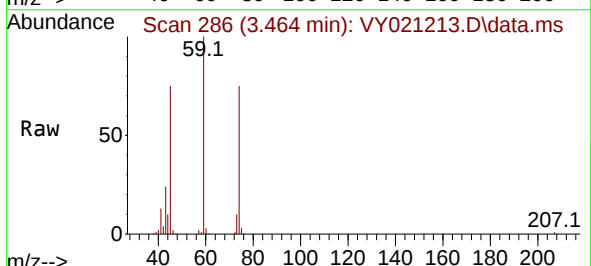
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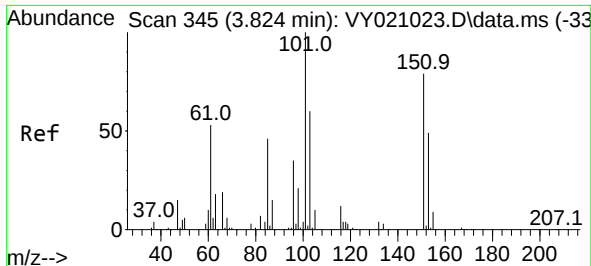
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#8
Diethyl Ether
Concen: 49.655 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 74 Resp: 33154
Ion Ratio Lower Upper
74 100
45 106.7 47.9 143.7





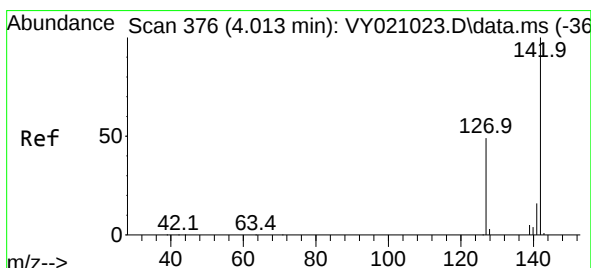
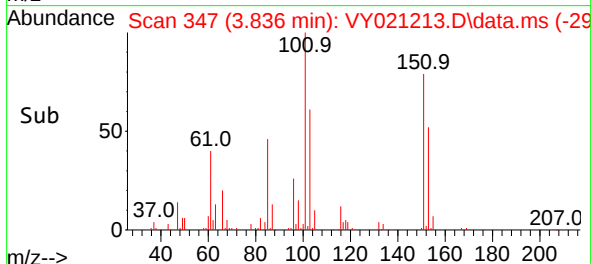
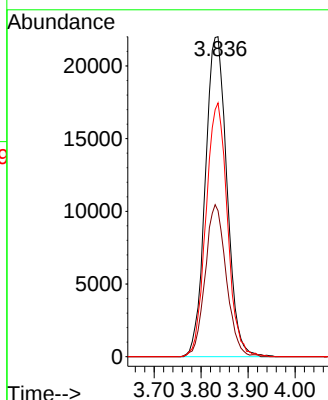
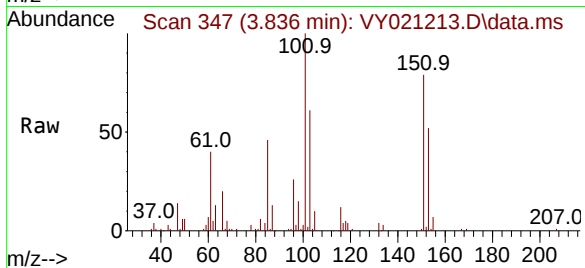
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.317 ug/l
RT: 3.836 min Scan# 345
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

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Tgt Ion:101 Resp: 70228
Ion Ratio Lower Upper
101 100
85 46.3 35.8 53.6
151 78.7 58.6 88.0

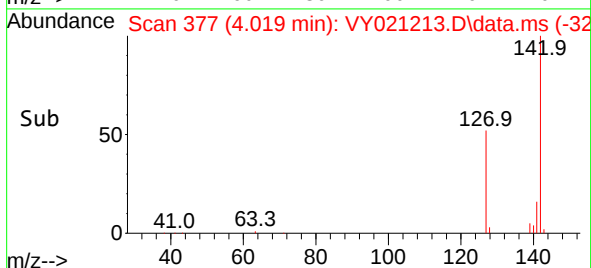
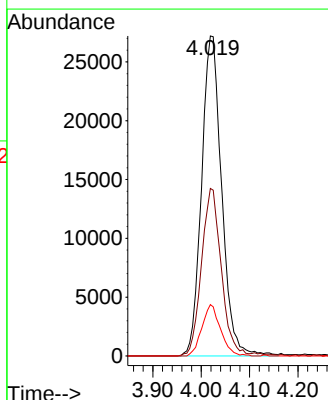
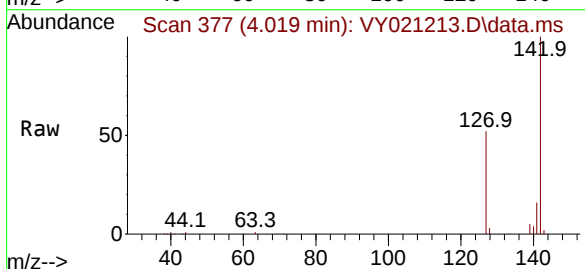
Manual Integrations
APPROVED

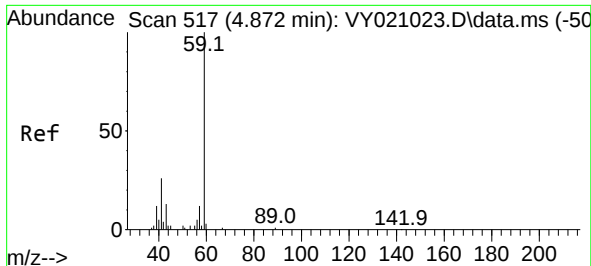
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#10
Methyl Iodide
Concen: 52.818 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:142 Resp: 78769
Ion Ratio Lower Upper
142 100
127 51.1 35.1 52.7
141 14.9 11.8 17.6





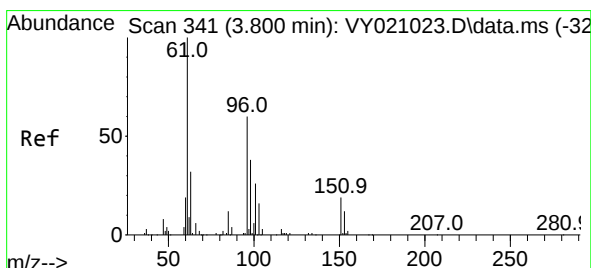
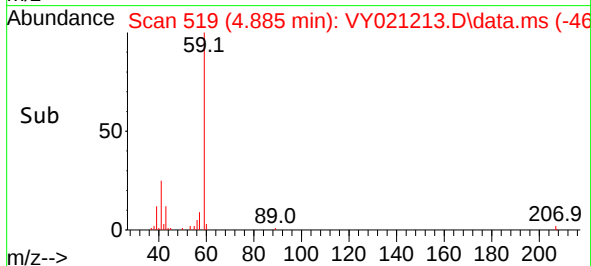
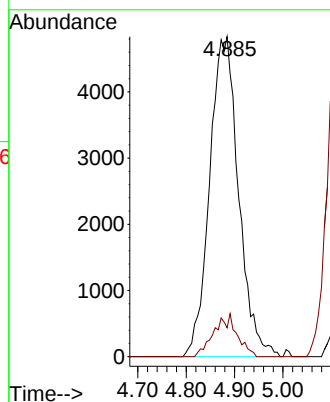
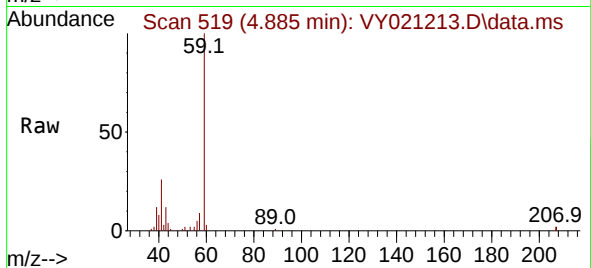
#11
Tert butyl alcohol
Concen: 218.009 ug/l
RT: 4.885 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 20074
Ion Ratio Lower Upper
59 100
57 6.3 7.4 11.0

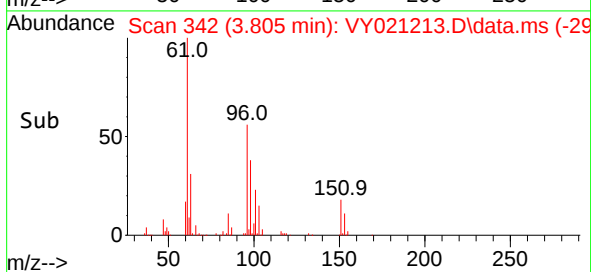
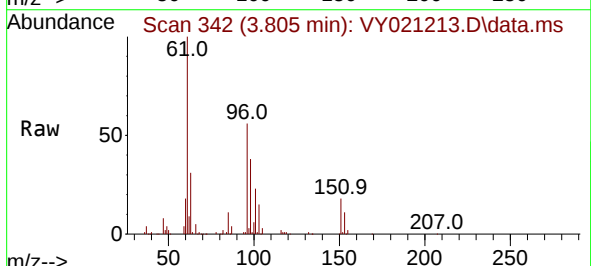
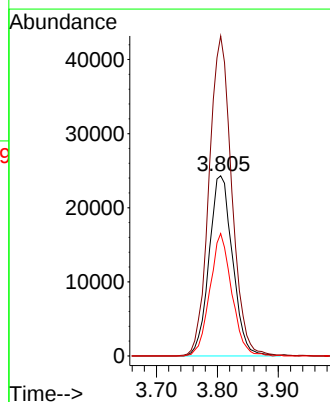
Manual Integrations
APPROVED

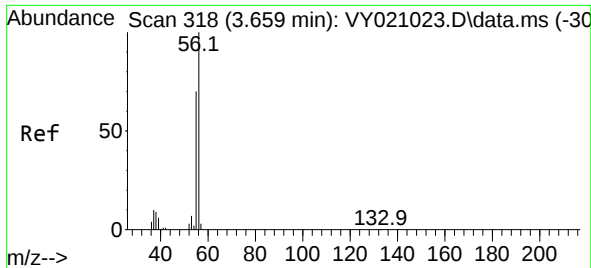
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#12
1,1-Dichloroethene
Concen: 51.634 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 96 Resp: 65291
Ion Ratio Lower Upper
96 100
61 177.4 124.2 186.2
98 68.0 52.6 79.0





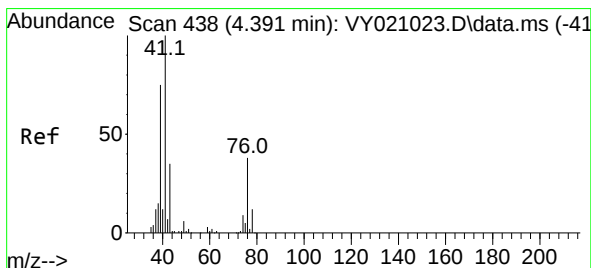
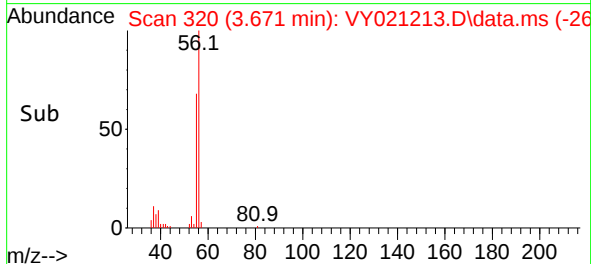
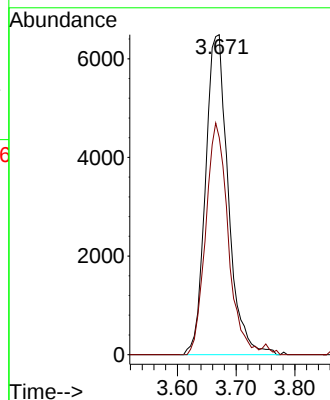
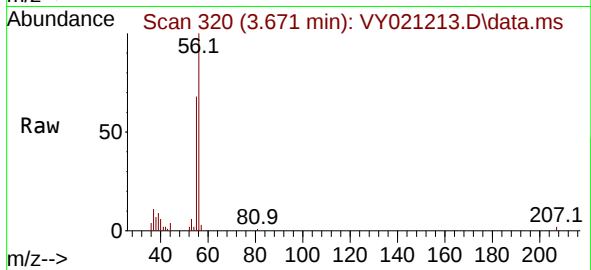
#13
Acrolein
Concen: 122.991 ug/l
RT: 3.671 min Scan# 318
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 17439
Ion Ratio Lower Upper
56 100
55 71.3 55.4 83.0

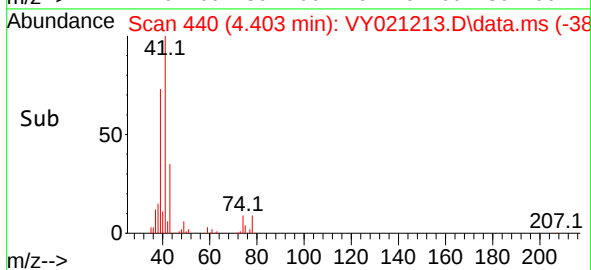
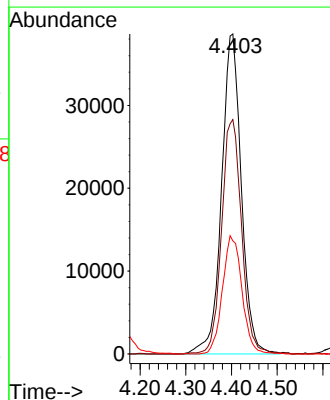
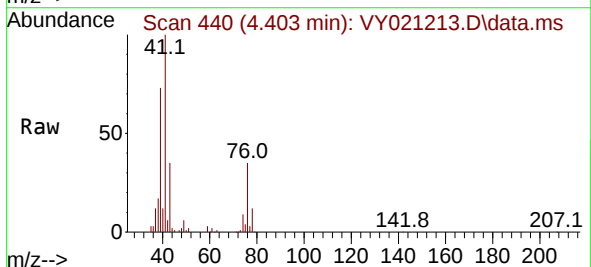
Manual Integrations
APPROVED

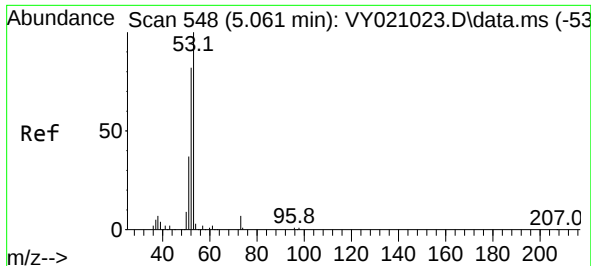
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#14
Allyl chloride
Concen: 54.446 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

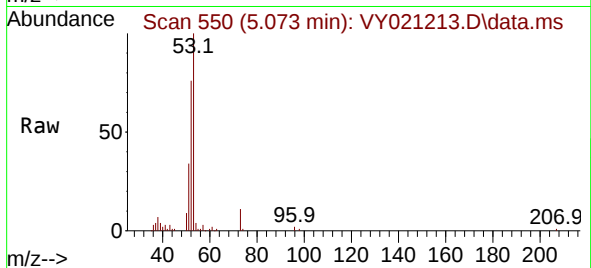
Tgt Ion: 41 Resp: 116030
Ion Ratio Lower Upper
41 100
39 74.0 54.7 82.1
76 36.5 31.8 47.6





#15
Acrylonitrile
Concen: 269.125 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

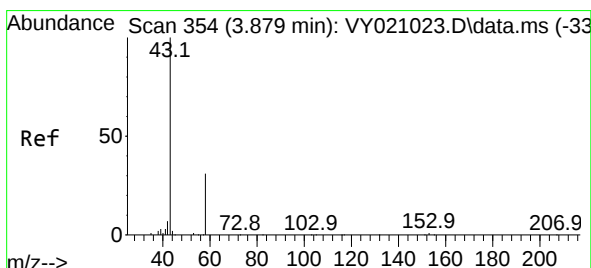
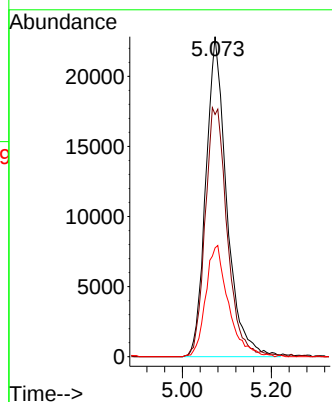
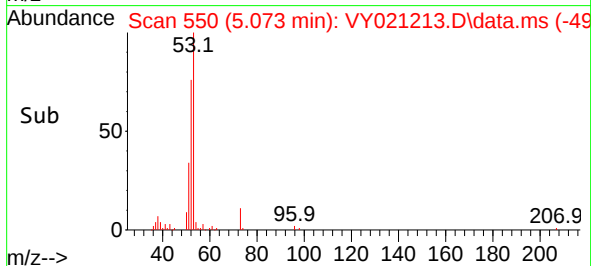
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 7482
Ion Ratio Lower Upper
53 100
52 82.5 65.1 97.7
51 37.7 29.0 43.4

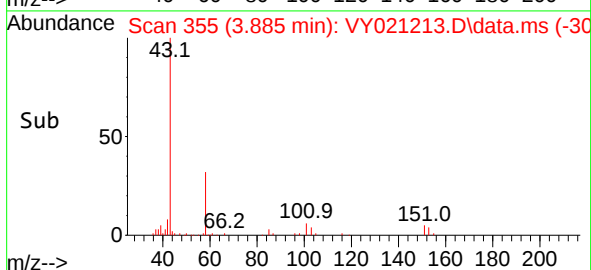
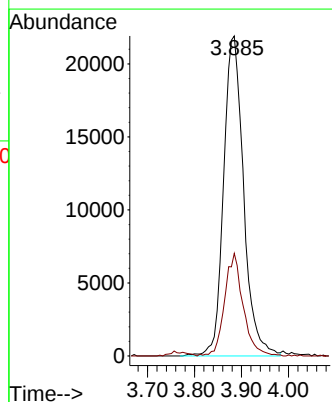
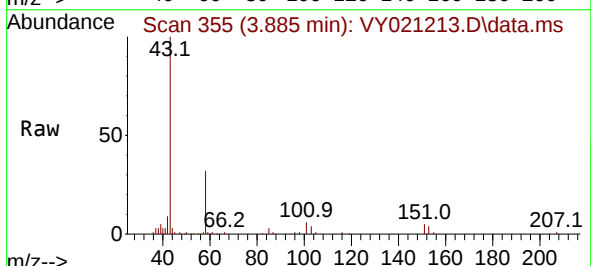
Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#16
Acetone
Concen: 305.927 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 43 Resp: 64826
Ion Ratio Lower Upper
43 100
58 31.7 26.6 39.8





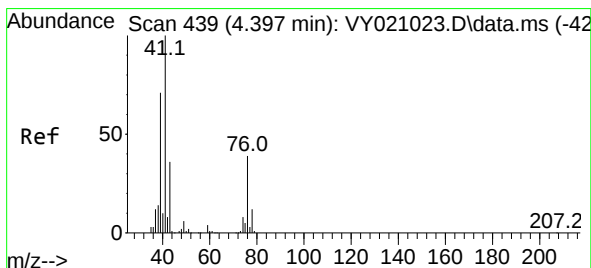
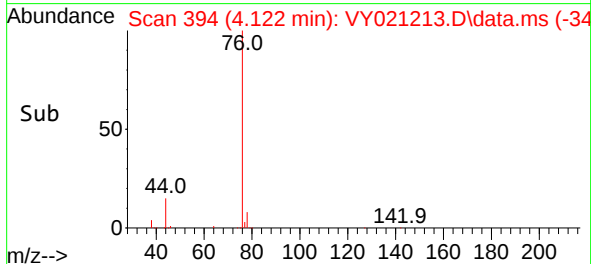
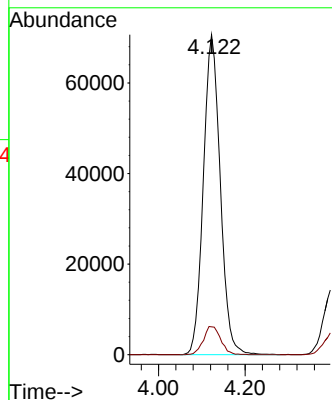
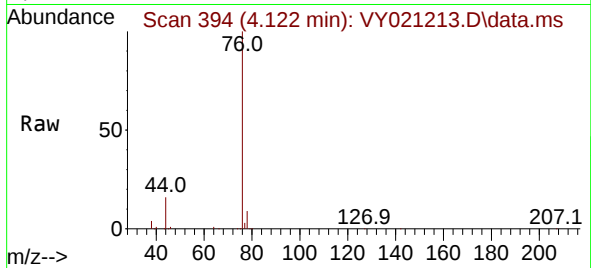
#17
Carbon Disulfide
Concen: 48.227 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 191220
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

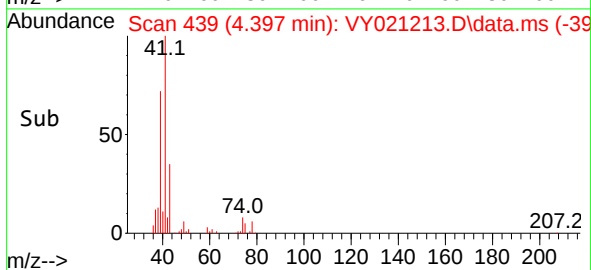
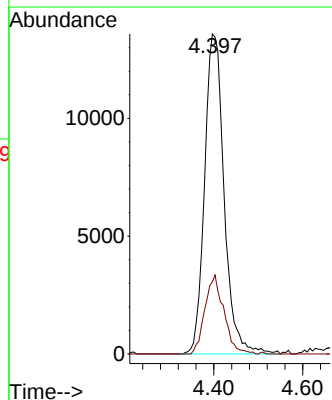
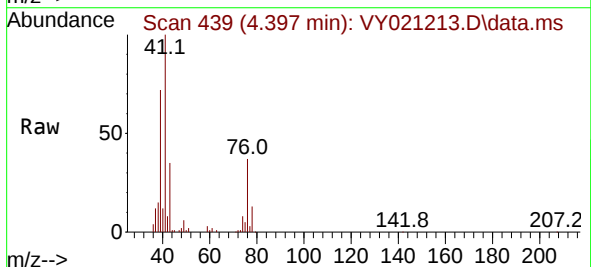
Manual Integrations
APPROVED

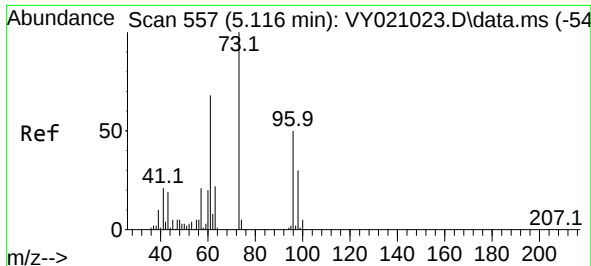
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#18
Methyl Acetate
Concen: 55.928 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 43 Resp: 41603
Ion Ratio Lower Upper
43 100
74 23.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 53.662 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 17150

Ion Ratio Lower Upper

73 100

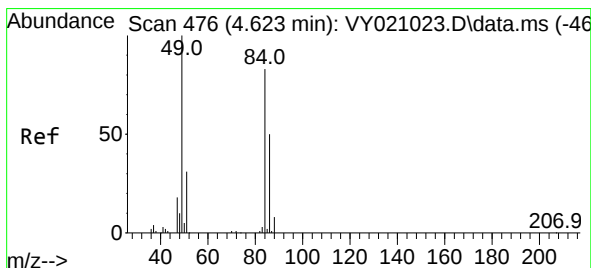
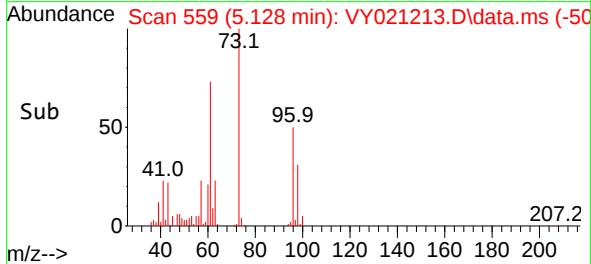
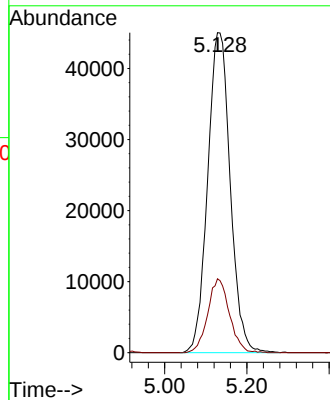
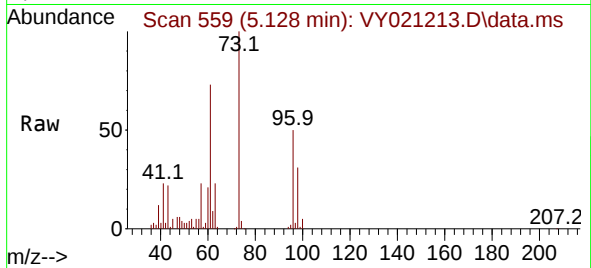
57 23.1 17.7 26.5

Manual Integrations

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Reviewed By :Romaben Patel 02/18/2025

Supervised By :Mahesh Dadoda 02/18/2025



#20

Methylene Chloride

Concen: 52.934 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.012 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Tgt Ion: 84 Resp: 69729

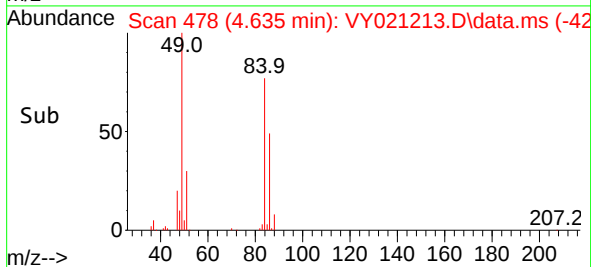
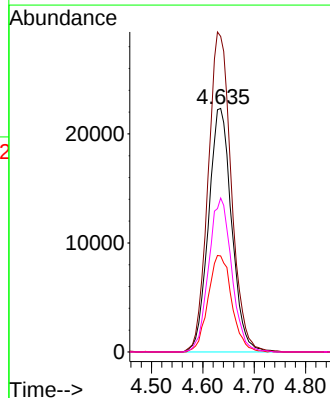
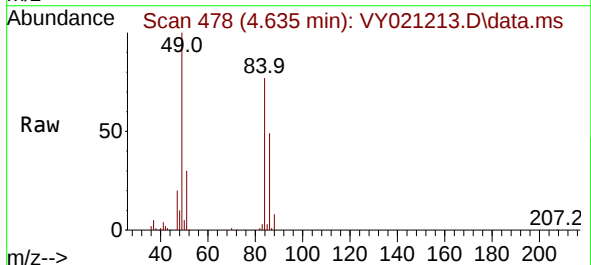
Ion Ratio Lower Upper

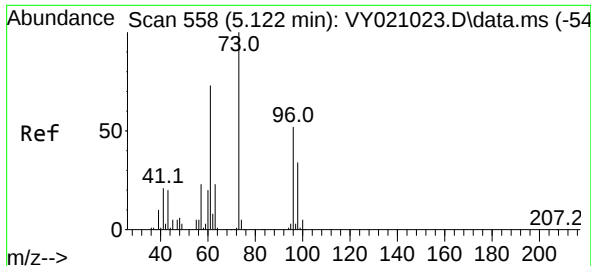
84 100

49 129.5 95.2 142.8

51 39.4 29.9 44.9

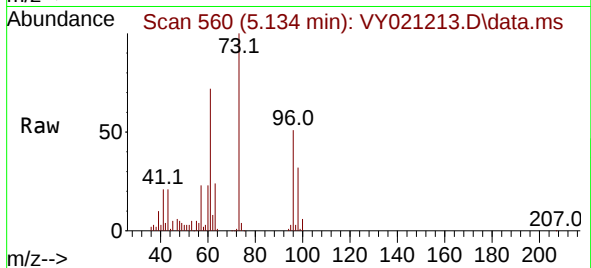
86 63.2 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 52.021 ug/l
RT: 5.134 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

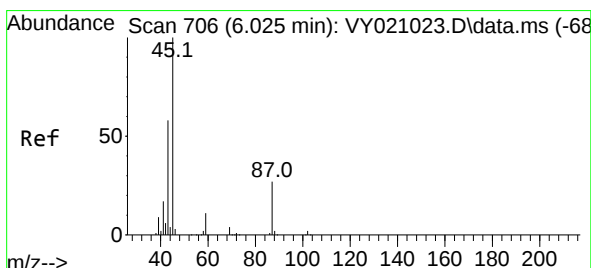
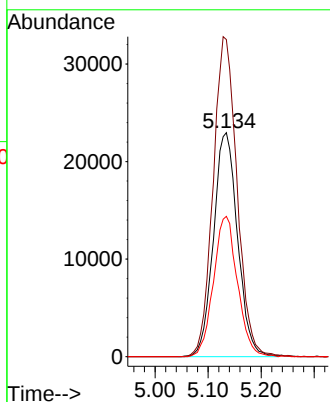
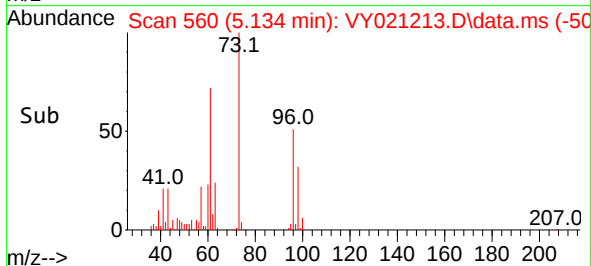
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



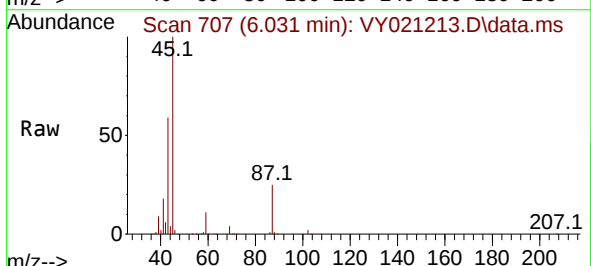
Tgt Ion: 96 Resp: 7240
Ion Ratio Lower Upper
96 100
61 141.5 104.6 156.8
98 62.6 50.9 76.3

Manual Integrations
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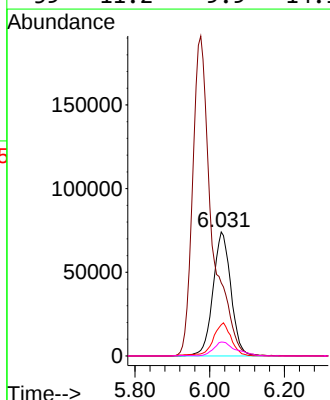
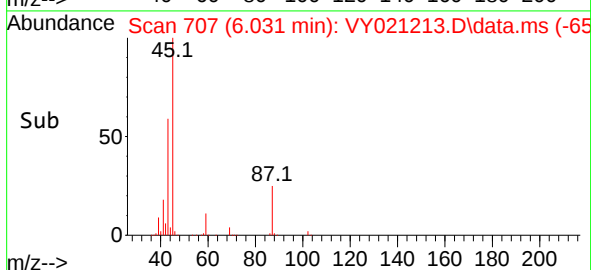
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025

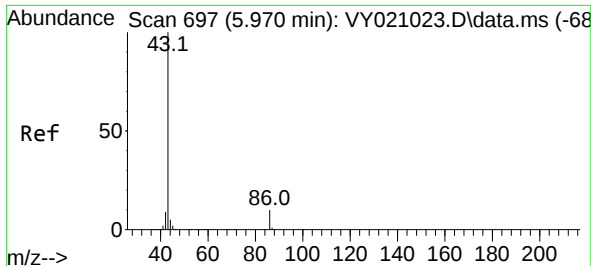


#22
Diisopropyl ether
Concen: 56.032 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06



Tgt Ion: 45 Resp: 246129
Ion Ratio Lower Upper
45 100
43 58.6 46.8 70.2
87 25.2 22.2 33.2
59 11.2 9.9 14.9





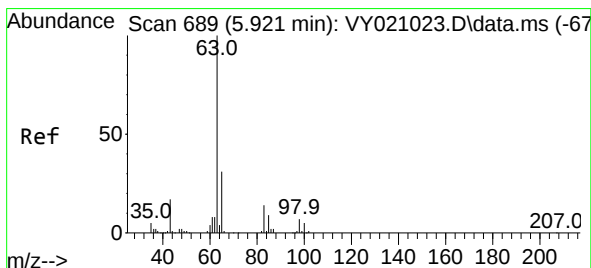
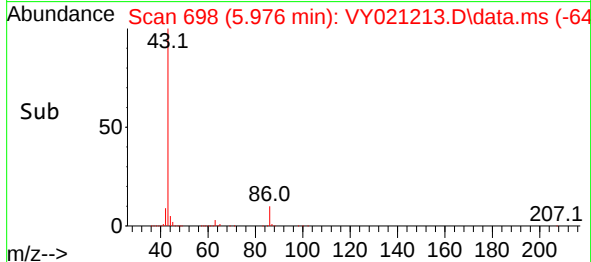
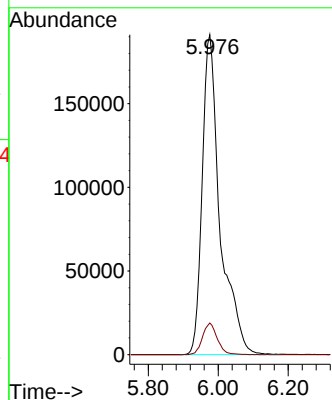
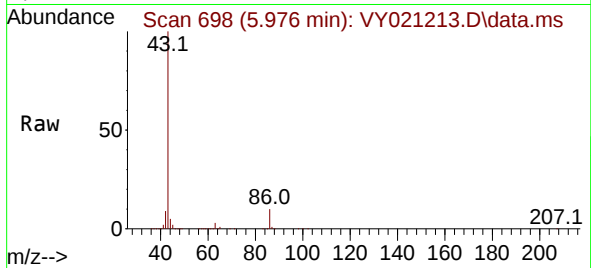
#23
 Vinyl Acetate
 Concen: 276.818 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 67785
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 13.0

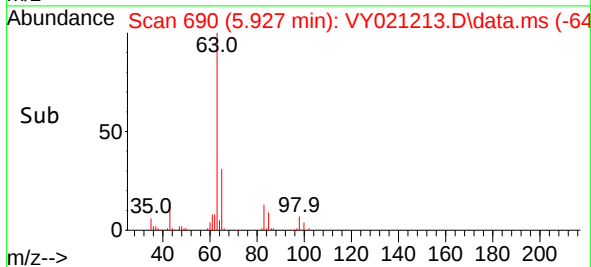
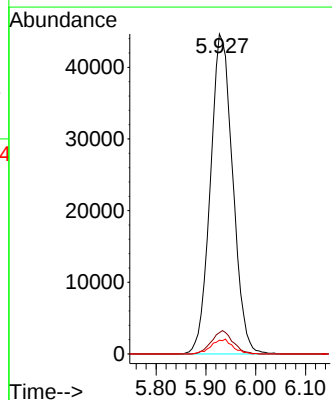
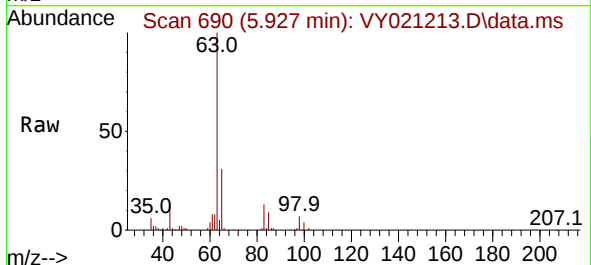
Manual Integrations
 APPROVED

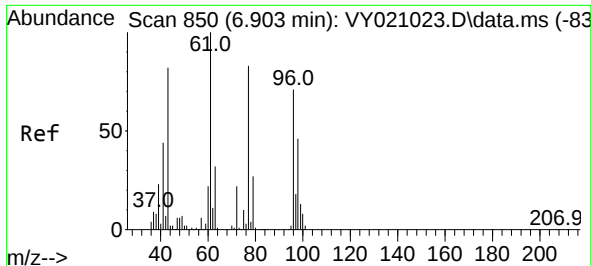
Reviewed By :Romaben Patel 02/18/2025
 Supervised By :Mahesh Dadoda 02/18/2025



#24
 1,1-Dichloroethane
 Concen: 54.079 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

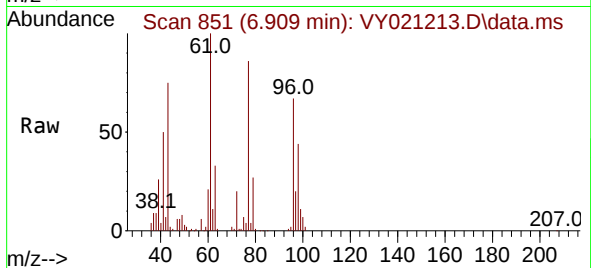
Tgt Ion: 63 Resp: 139179
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 4.3 2.1 6.2





#25
2-Butanone
Concen: 276.814 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

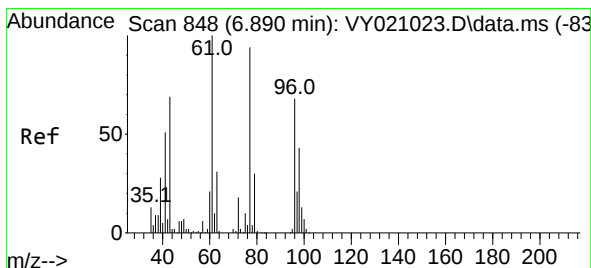
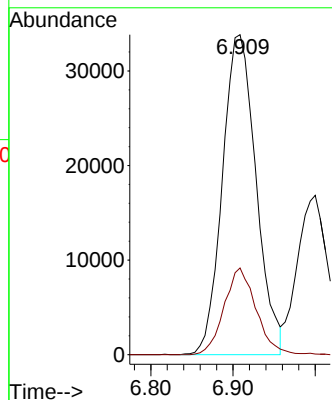
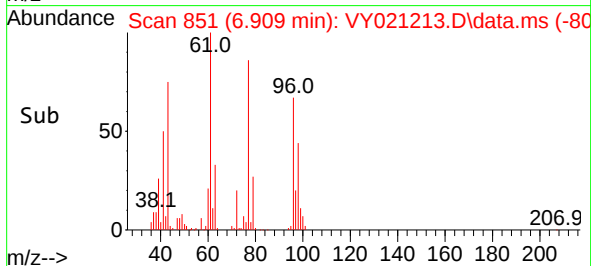
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



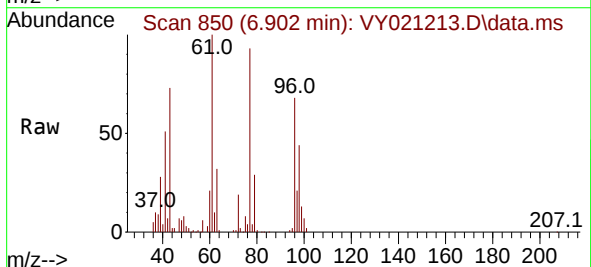
Tgt Ion: 43 Resp: 96389
Ion Ratio Lower Upper
43 100
72 27.1 21.4 32.2

Manual Integrations
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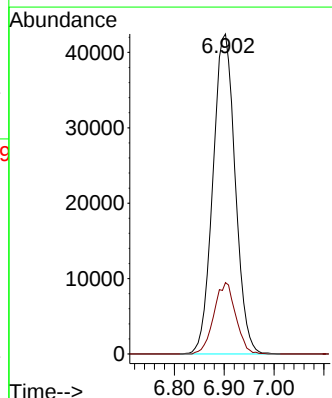
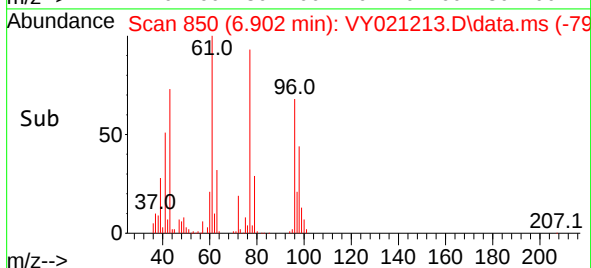
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025

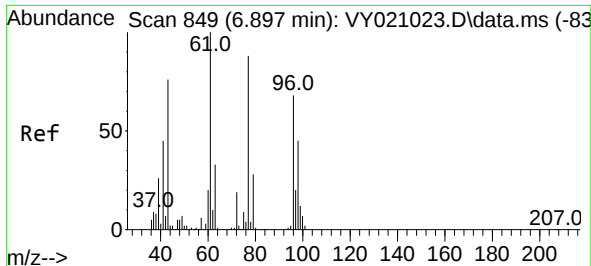


#26
2,2-Dichloropropane
Concen: 55.372 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06



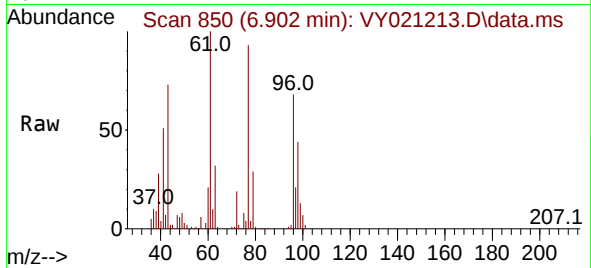
Tgt Ion: 77 Resp: 131859
Ion Ratio Lower Upper
77 100
97 21.8 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 53.589 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

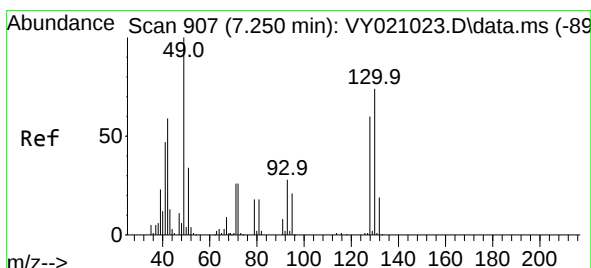
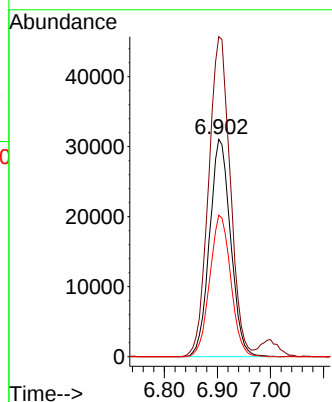
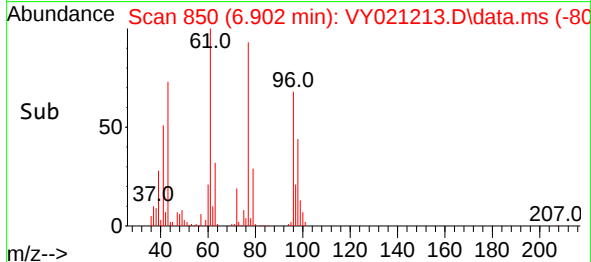
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 8585
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 278.8
 98 64.8 0.0 127.0

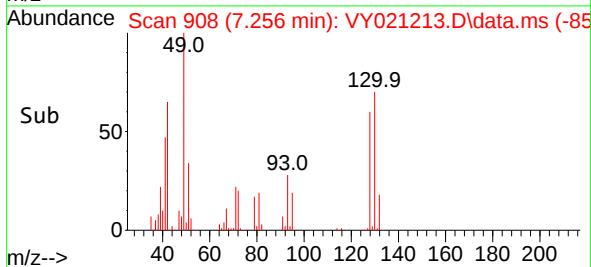
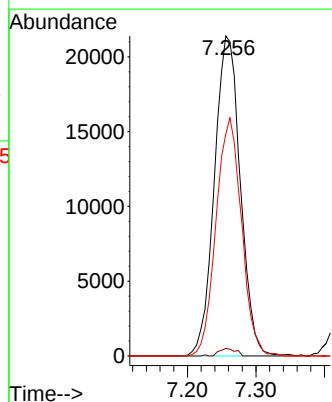
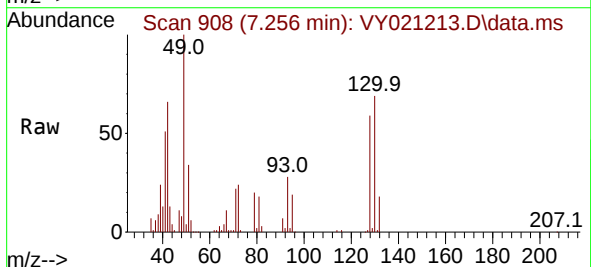
Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/18/2025
 Supervised By :Mahesh Dadoda 02/18/2025



#28
 Bromochloromethane
 Concen: 55.151 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

Tgt Ion: 49 Resp: 56126
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 73.2 59.8 89.8





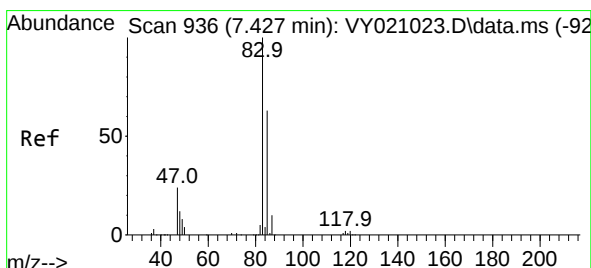
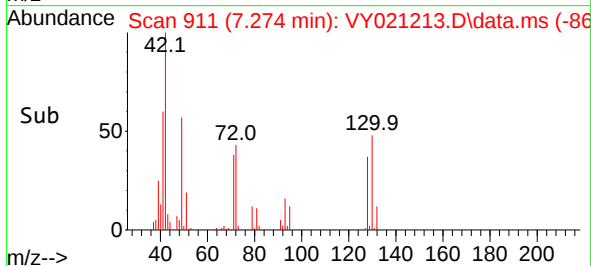
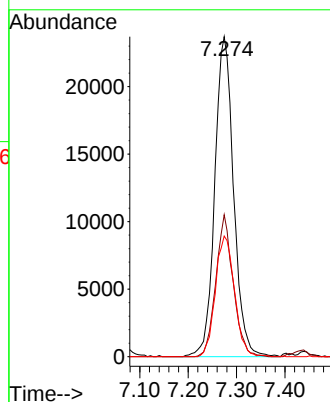
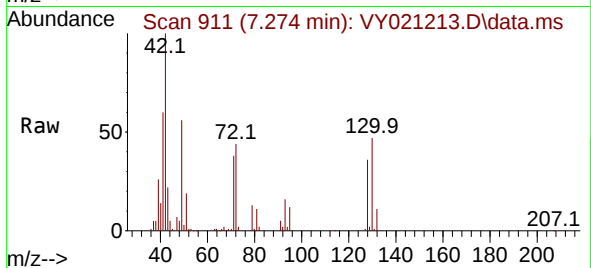
#29
Tetrahydrofuran
Concen: 272.472 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 64200
Ion Ratio Lower Upper
42 100
72 40.8 36.6 54.8
71 38.2 33.8 50.6

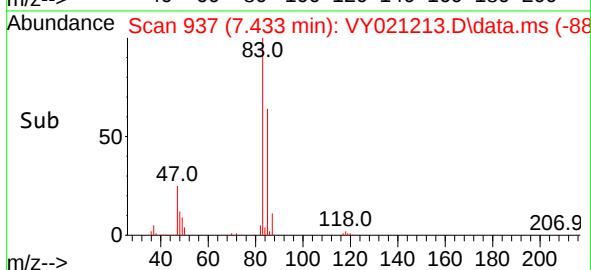
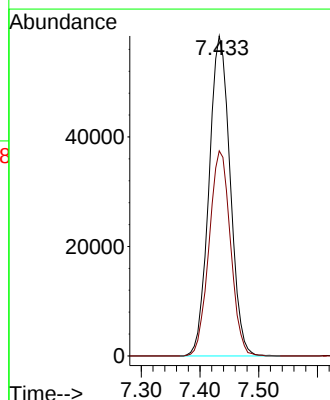
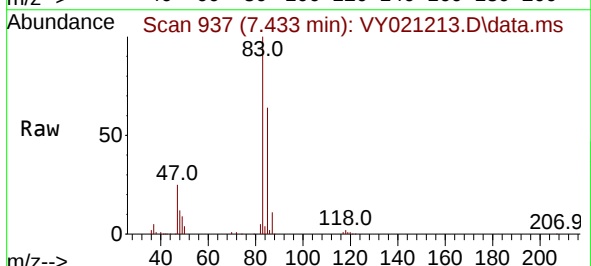
Manual Integrations
APPROVED

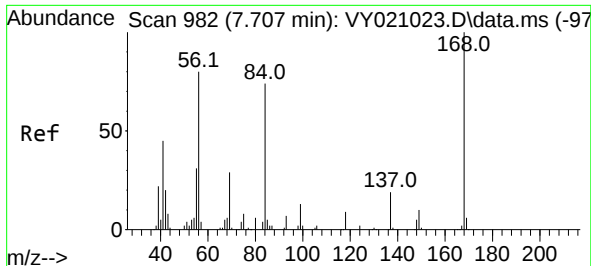
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#30
Chloroform
Concen: 55.266 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

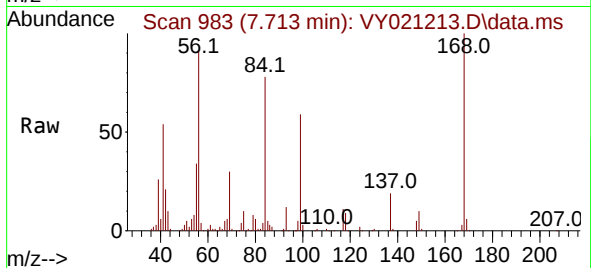
Tgt Ion: 83 Resp: 146096
Ion Ratio Lower Upper
83 100
85 64.1 51.2 76.8





#31
Cyclohexane
Concen: 50.543 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

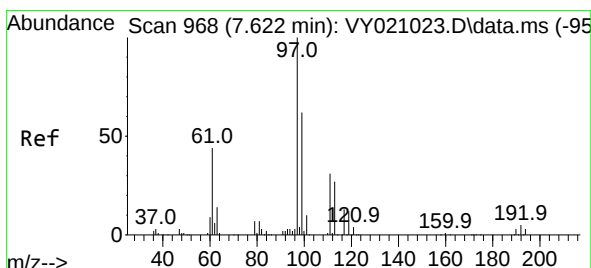
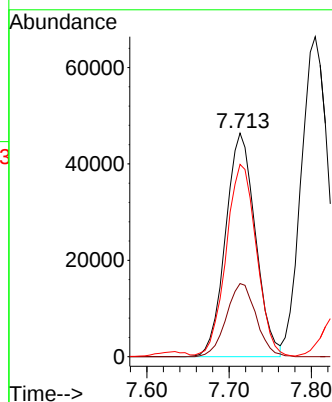
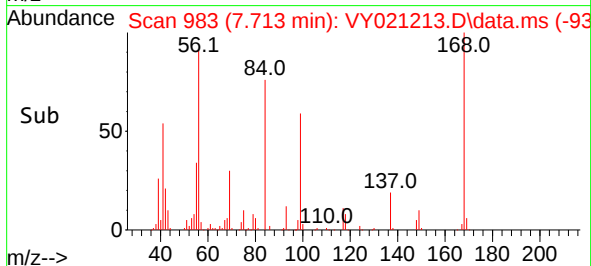
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 11713
Ion Ratio Lower Upper
56 100
69 32.7 27.0 40.6
84 84.3 71.8 107.6

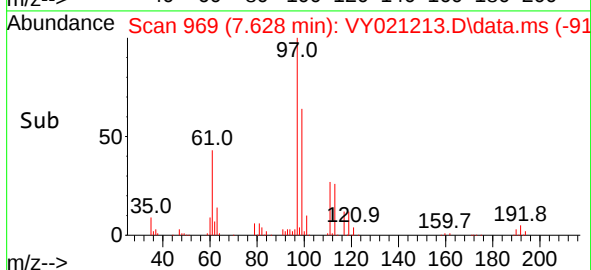
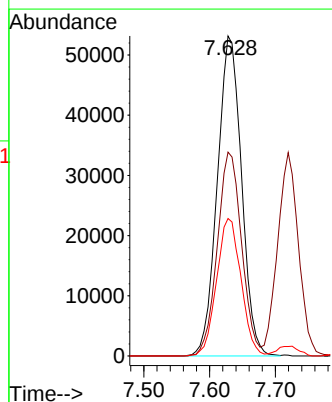
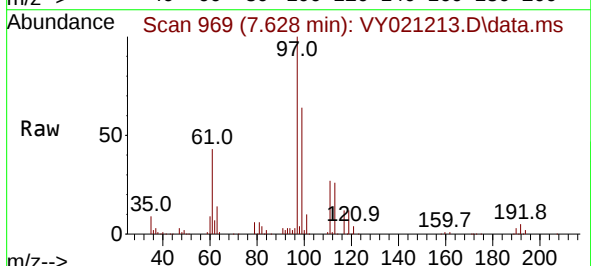
Manual Integrations
APPROVED

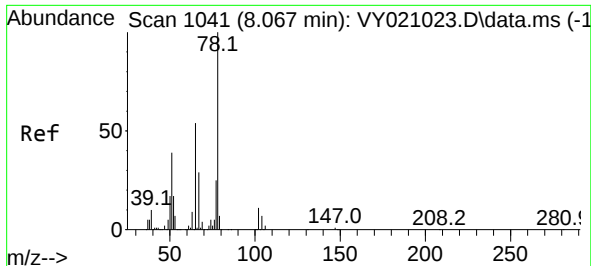
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#32
1,1,1-Trichloroethane
Concen: 55.395 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 97 Resp: 136147
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 43.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.500 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 68619

Ion Ratio Lower Upper

65 100

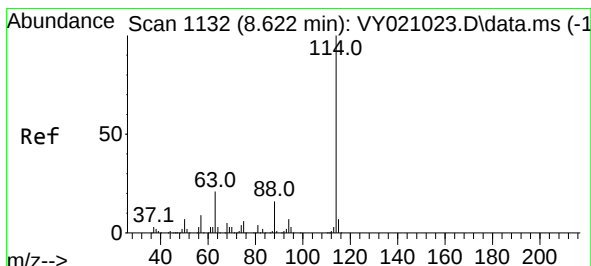
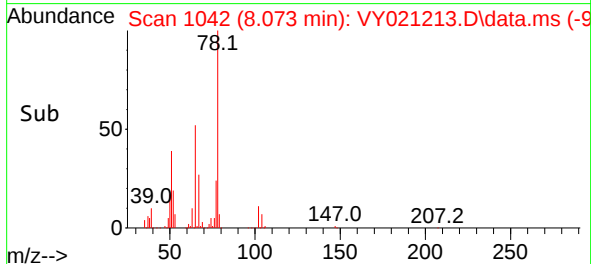
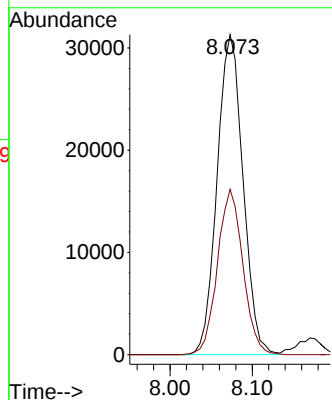
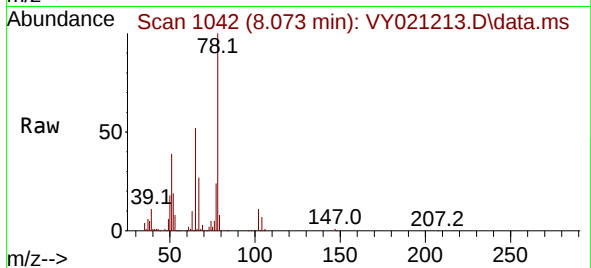
67 50.8 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/18/2025

Supervised By :Mahesh Dadoda 02/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

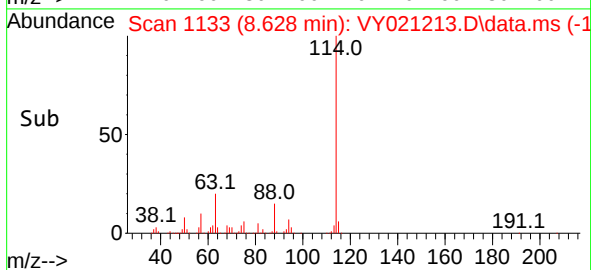
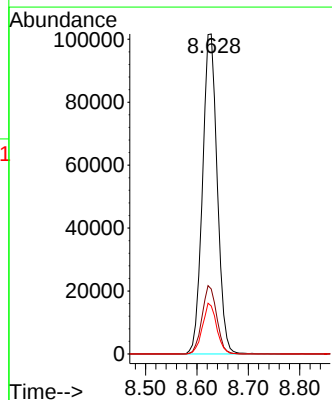
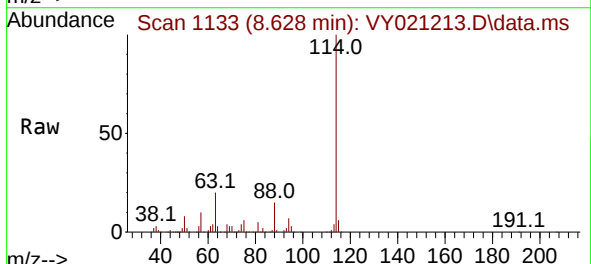
Tgt Ion:114 Resp: 201801

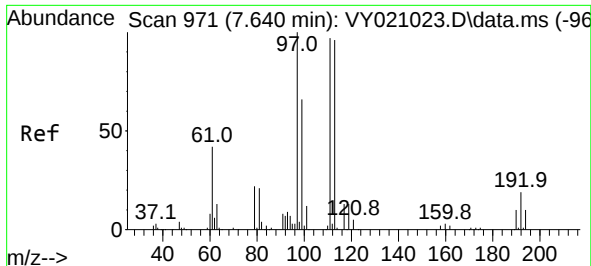
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

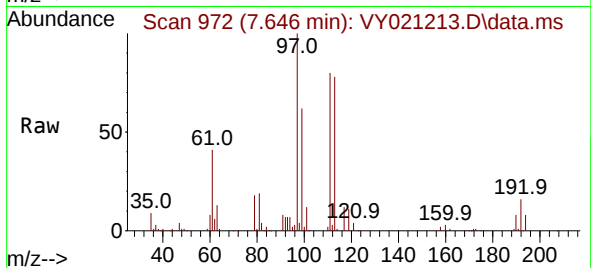
88 15.0 0.0 29.0





#35
Dibromofluoromethane
Concen: 50.373 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

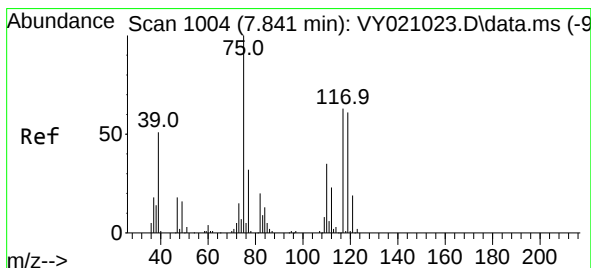
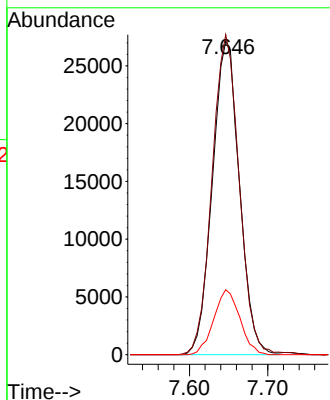
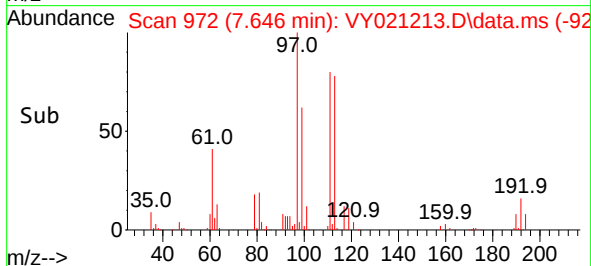
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 65140
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 20.0 14.5 21.7

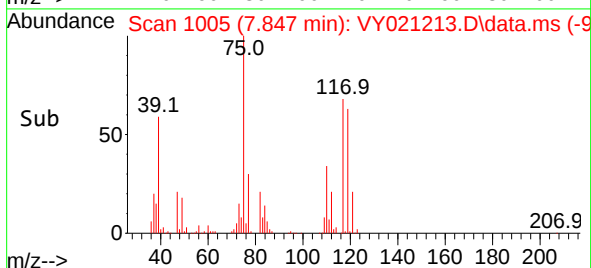
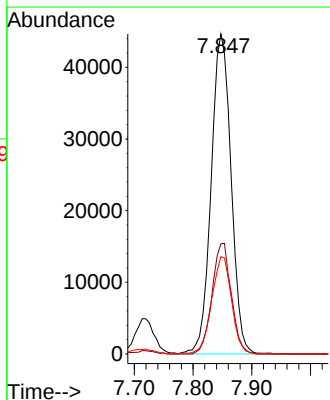
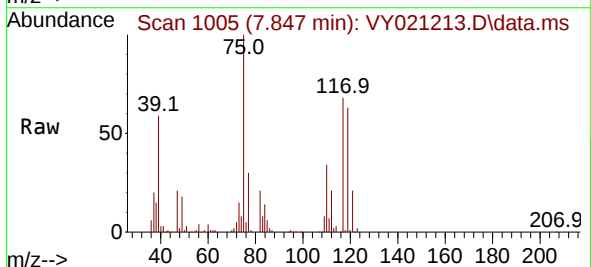
Manual Integrations
APPROVED

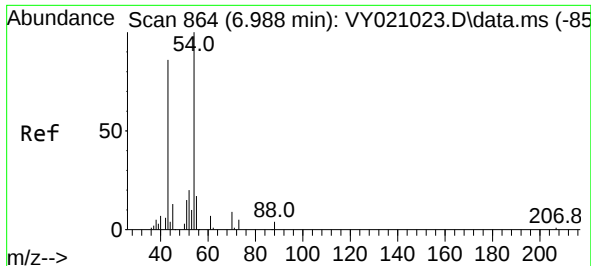
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#36
1,1-Dichloropropene
Concen: 54.914 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 75 Resp: 105191
Ion Ratio Lower Upper
75 100
110 33.2 17.4 52.3
77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 53.872 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY021213.D

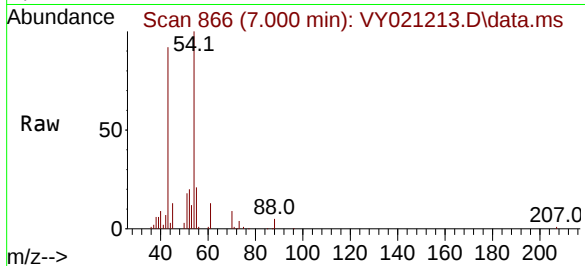
Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

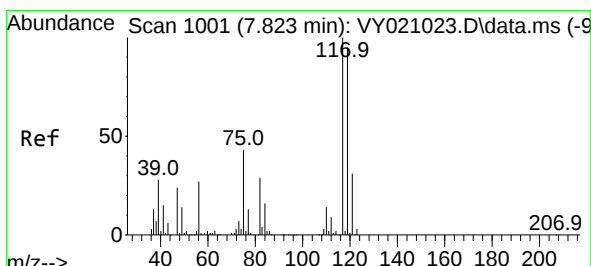
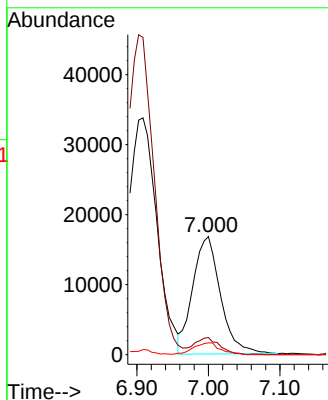
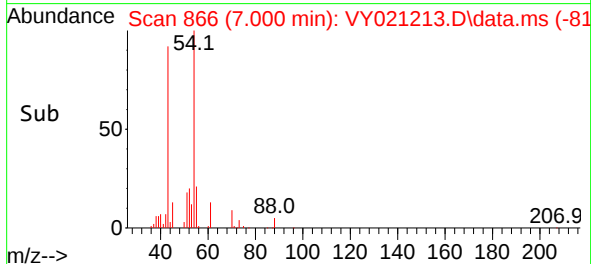


Tgt Ion:	43	Resp:	4527
Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.0	16.6
70	9.9	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#38

Carbon Tetrachloride

Concen: 55.732 ug/l

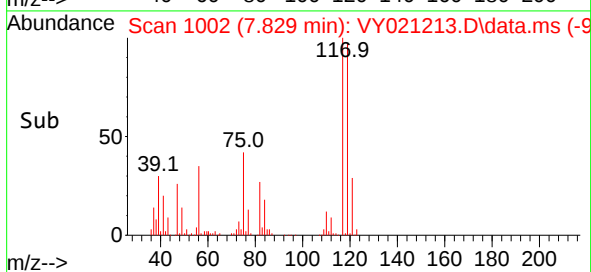
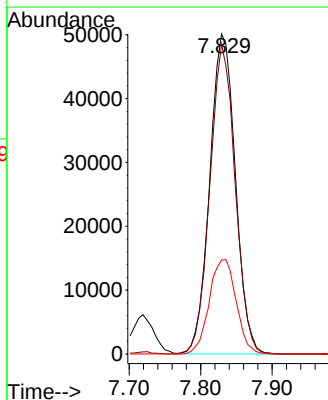
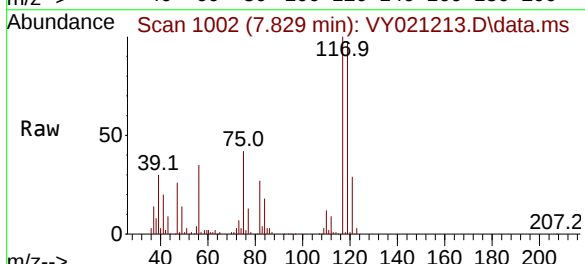
RT: 7.829 min Scan# 1002

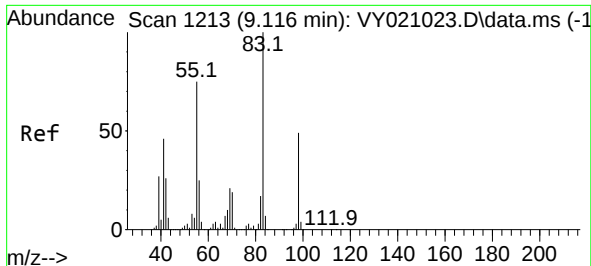
Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Tgt Ion:	117	Resp:	124742
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.0	114.0
121	29.3	24.2	36.2





#39

Methylcyclohexane

Concen: 54.201 ug/l

RT: 9.115 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 126999

Ion Ratio Lower Upper

83 100

55 79.3 59.7 89.5

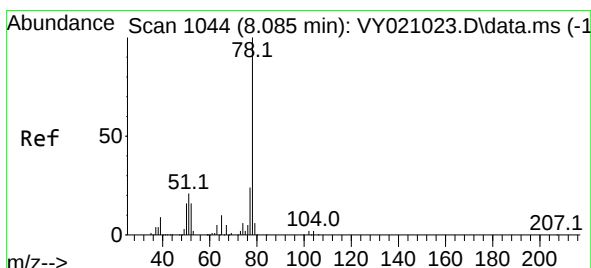
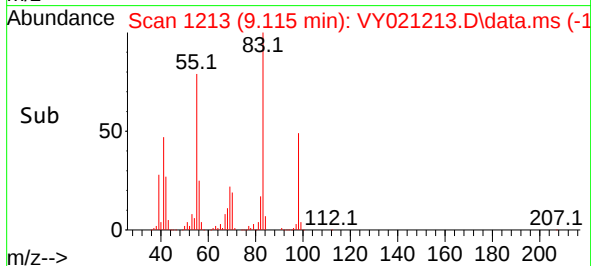
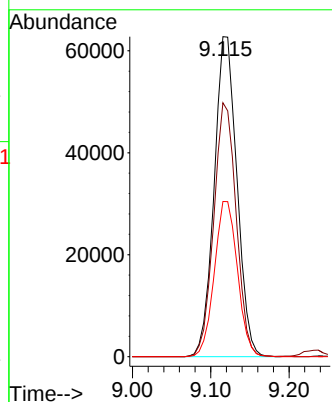
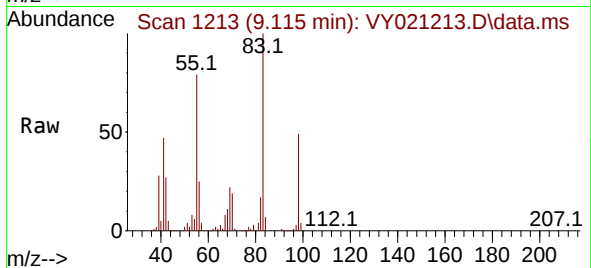
98 48.5 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/18/2025

Supervised By :Mahesh Dadoda 02/18/2025



#40

Benzene

Concen: 55.239 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021213.D

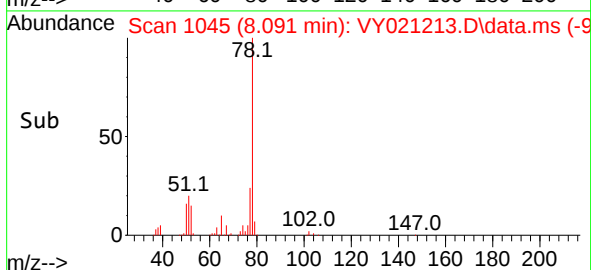
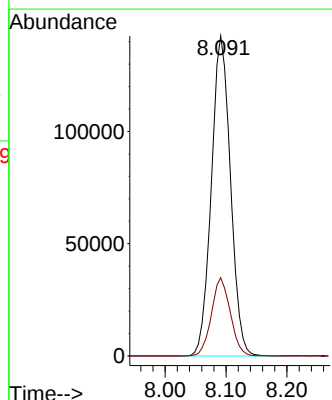
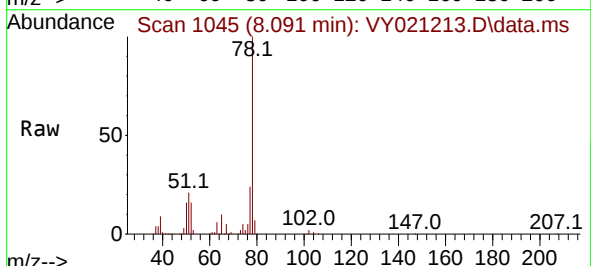
Acq: 17 Feb 2025 10:06

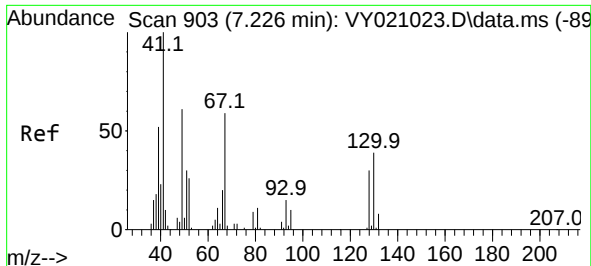
Tgt Ion: 78 Resp: 310527

Ion Ratio Lower Upper

78 100

77 24.5 18.8 28.2





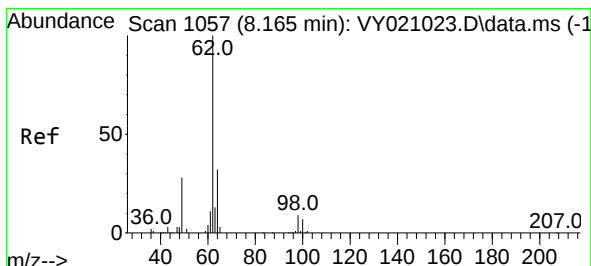
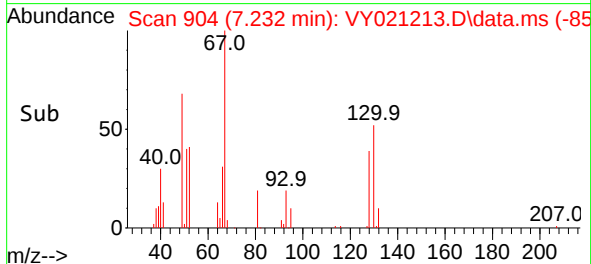
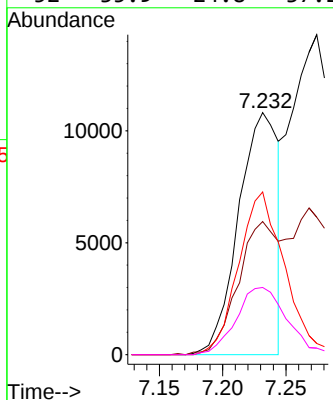
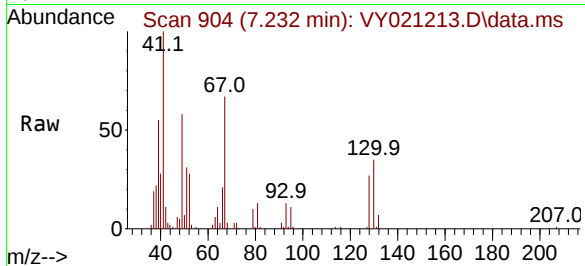
#41
Methacrylonitrile
Concen: 48.401 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 2353
Ion Ratio Lower Upper
41 100
39 55.0 41.9 62.9
67 78.2 59.8 89.6
52 35.9 24.8 37.2

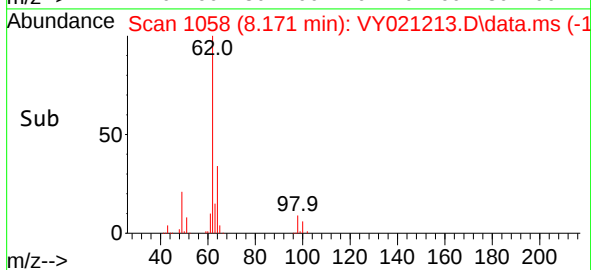
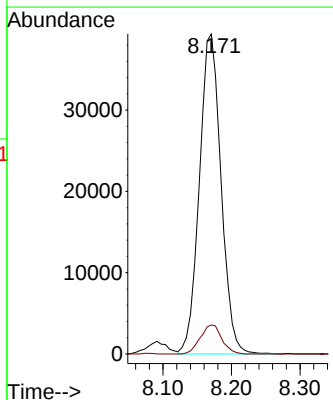
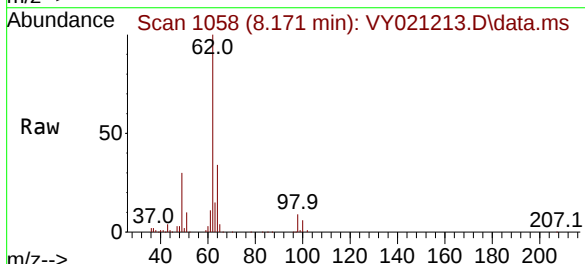
Manual Integrations
APPROVED

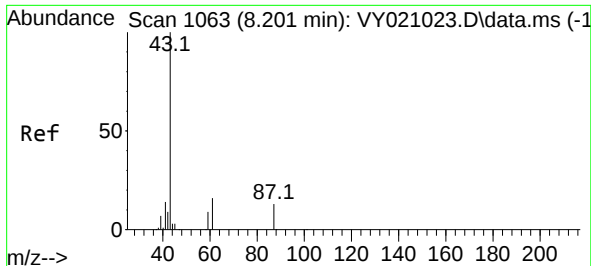
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#42
1,2-Dichloroethane
Concen: 55.555 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

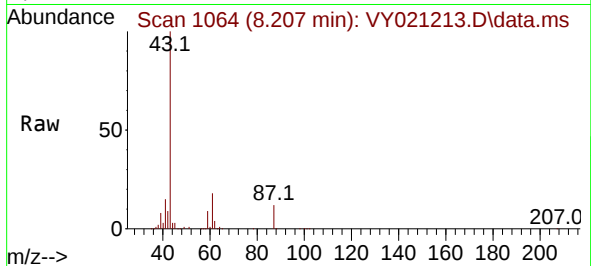
Tgt Ion: 62 Resp: 86633
Ion Ratio Lower Upper
62 100
98 9.0 0.0 20.2





#43
Isopropyl Acetate
Concen: 55.387 ug/l
RT: 8.207 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

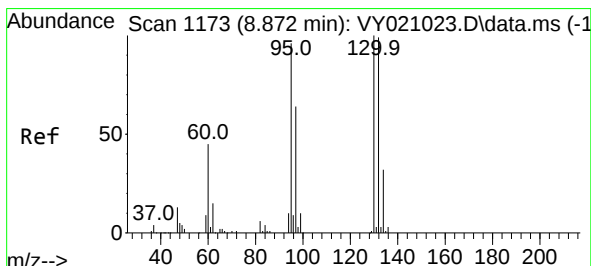
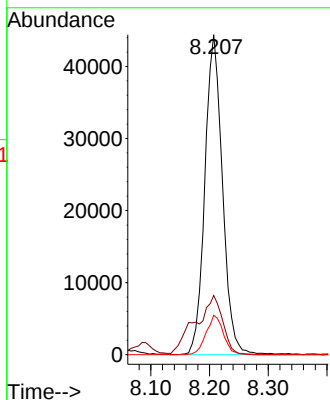
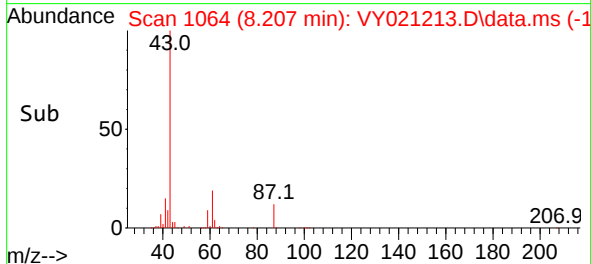
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 9248
Ion Ratio Lower Upper
43 100
61 28.6 24.8 37.2
87 12.1 10.7 16.1

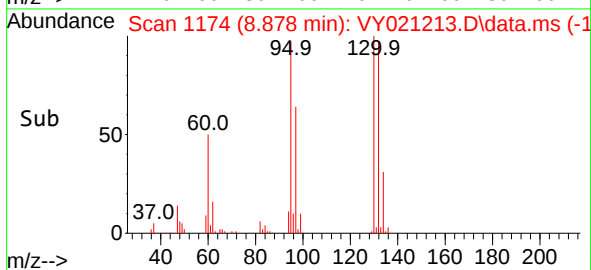
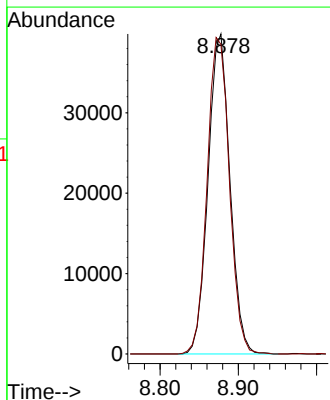
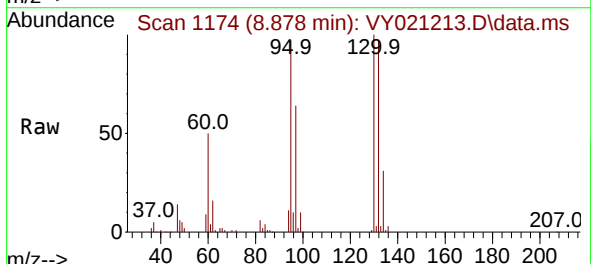
Manual Integrations
APPROVED

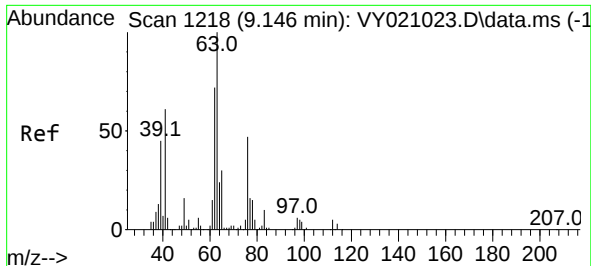
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#44
Trichloroethene
Concen: 53.174 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:130 Resp: 77228
Ion Ratio Lower Upper
130 100
95 96.7 0.0 203.8





#45

1,2-Dichloropropane

Concen: 55.687 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7430

Ion Ratio Lower Upper

63 100

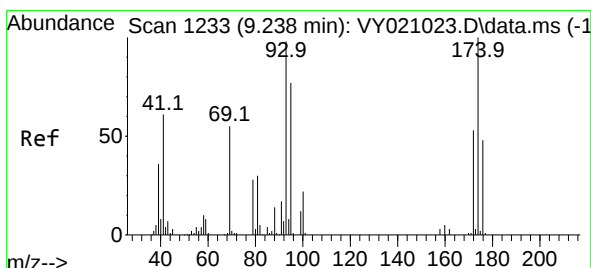
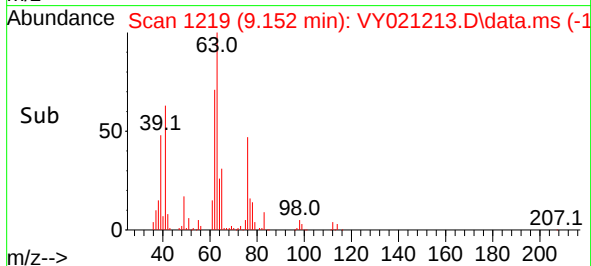
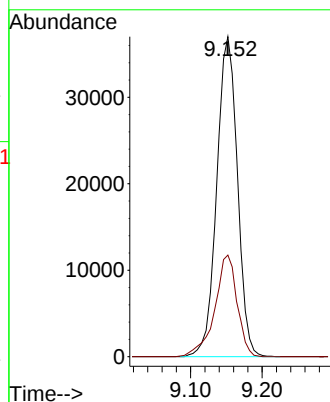
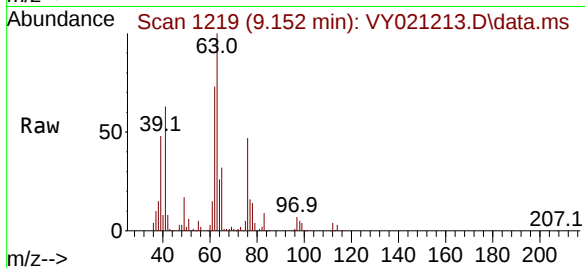
65 31.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/18/2025

Supervised By :Mahesh Dadoda 02/18/2025



#46

Dibromomethane

Concen: 54.395 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

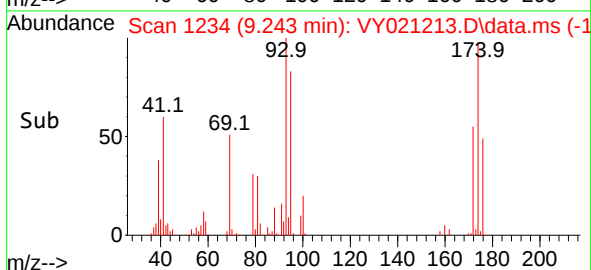
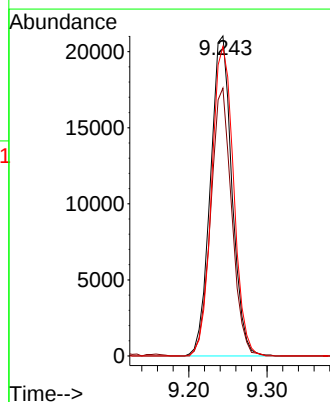
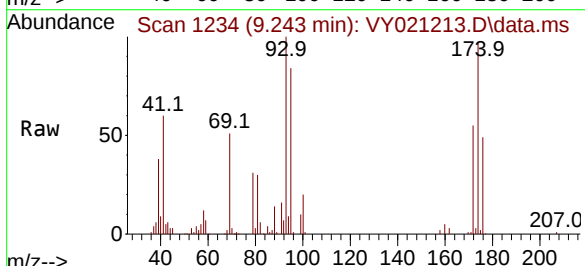
Tgt Ion: 93 Resp: 40185

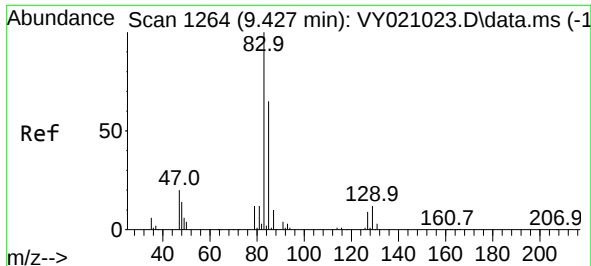
Ion Ratio Lower Upper

93 100

95 81.5 66.6 99.8

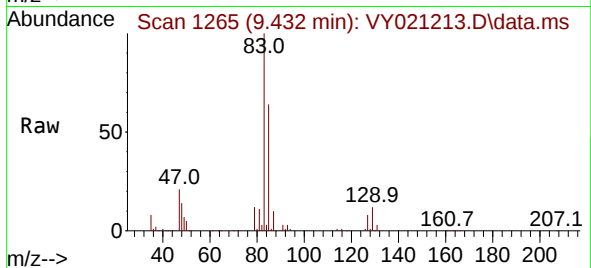
174 98.6 73.8 110.6





#47
Bromodichloromethane
Concen: 55.289 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

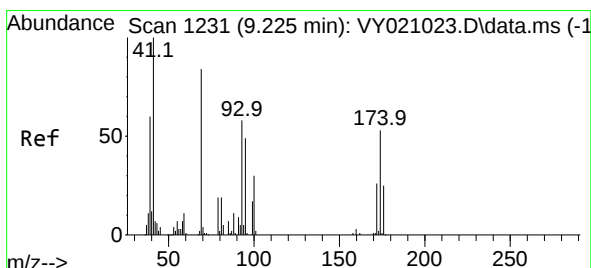
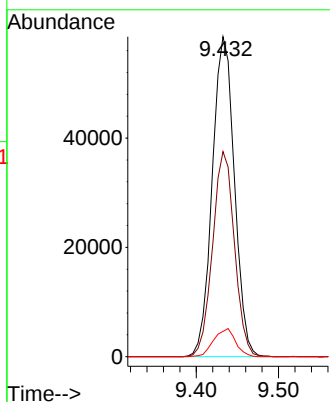
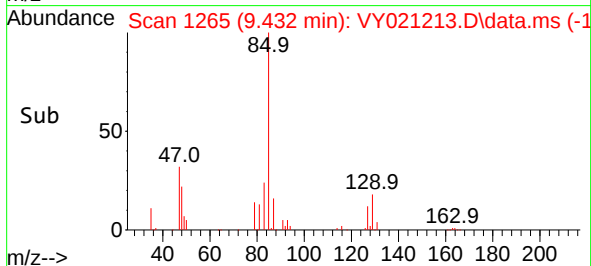
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 10954
Ion Ratio Lower Upper
83 100
85 64.1 53.2 79.8
127 7.9 6.4 9.6

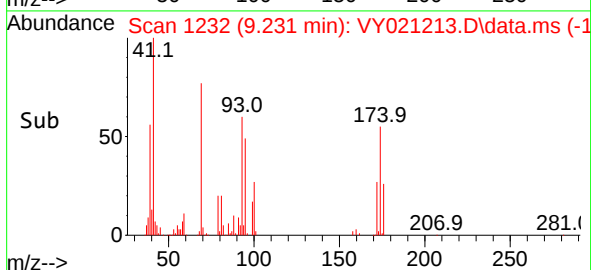
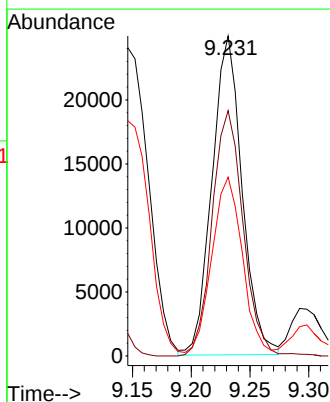
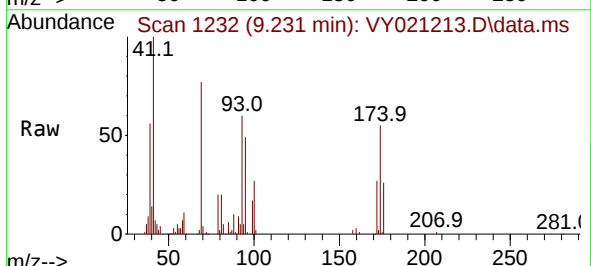
Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#48
Methyl methacrylate
Concen: 58.417 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 41 Resp: 44432
Ion Ratio Lower Upper
41 100
69 79.1 72.1 108.1
39 55.1 42.8 64.2





#49

1,4-Dioxane

Concen: 1029.480 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

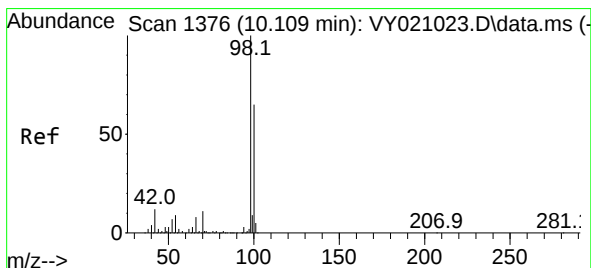
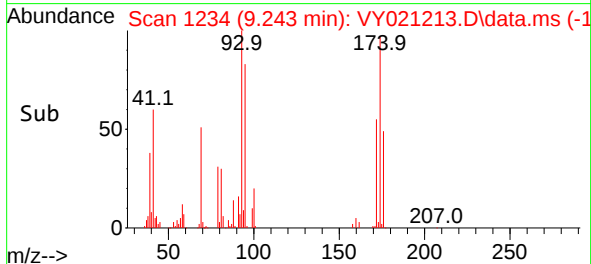
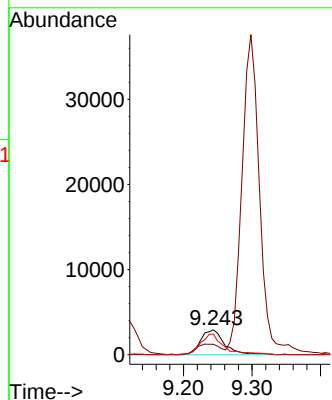
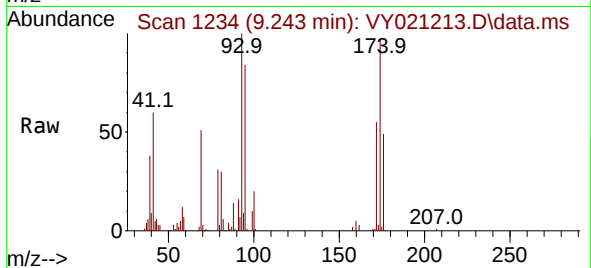
Tgt Ion: 88 Resp: 7080

Ion	Ratio	Lower	Upper
88	100		
43	44.3	28.2	42.4
58	80.1	52.2	78.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#50

Toluene-d8

Concen: 50.954 ug/l

RT: 10.115 min Scan# 1377

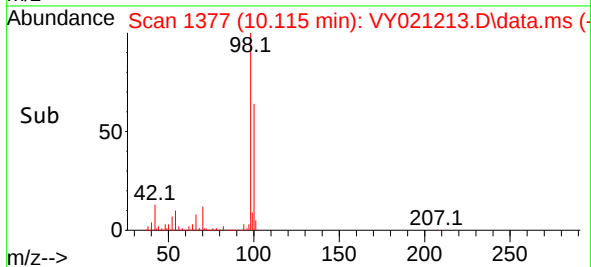
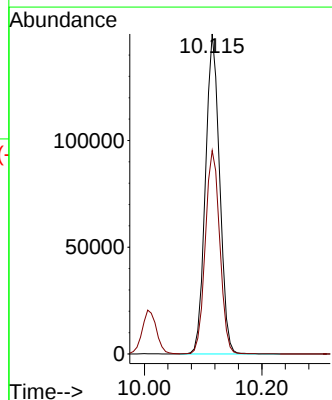
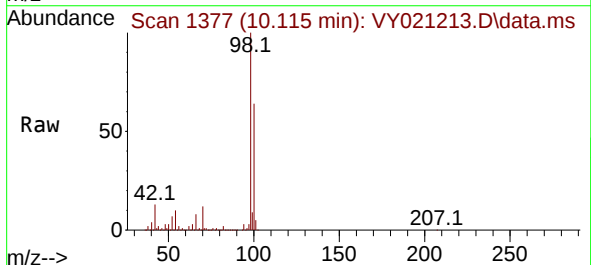
Delta R.T. 0.006 min

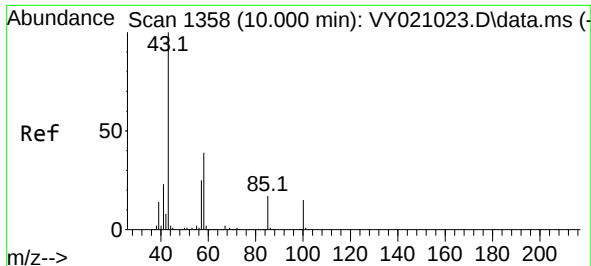
Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Tgt Ion: 98 Resp: 250878

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5





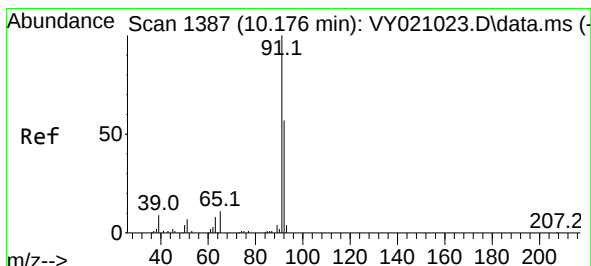
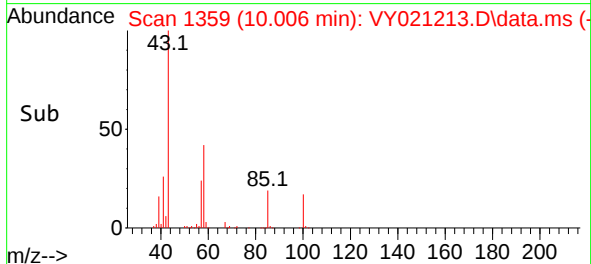
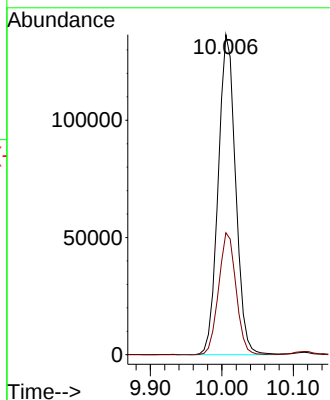
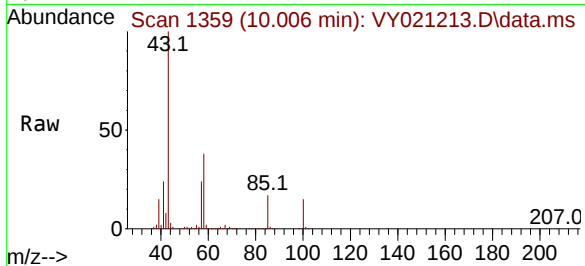
#51
4-Methyl-2-Pentanone
Concen: 274.949 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 230869
Ion Ratio Lower Upper
43 100
58 38.2 32.2 48.2

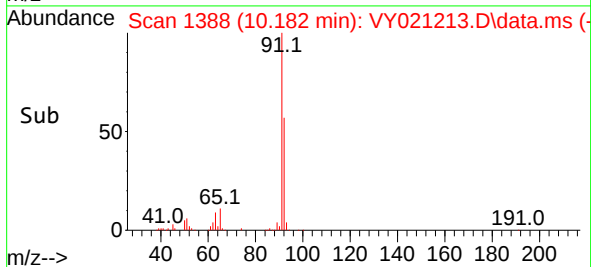
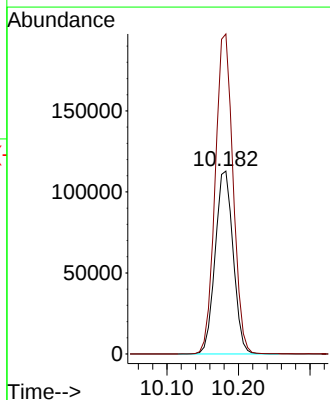
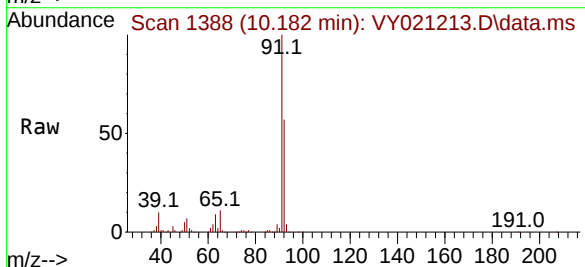
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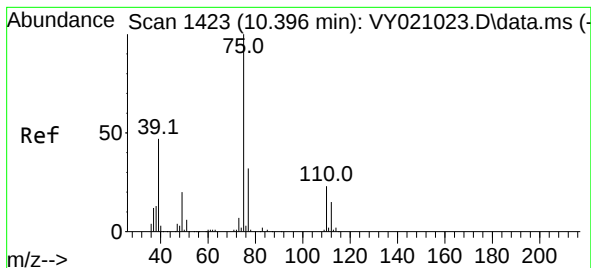
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#52
Toluene
Concen: 55.768 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

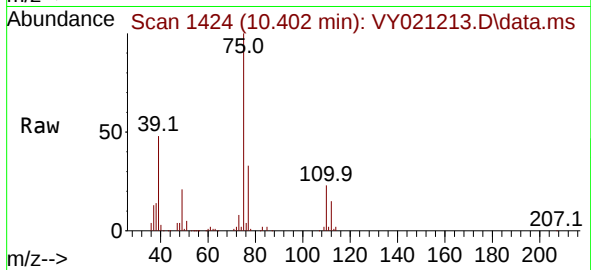
Tgt Ion: 92 Resp: 196847
Ion Ratio Lower Upper
92 100
91 173.9 137.6 206.4





#53
 t-1,3-Dichloropropene
 Concen: 56.104 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

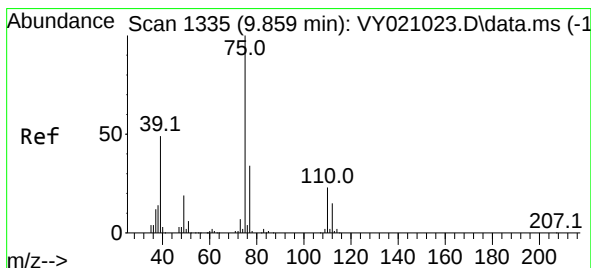
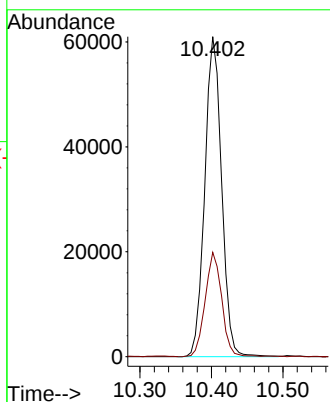
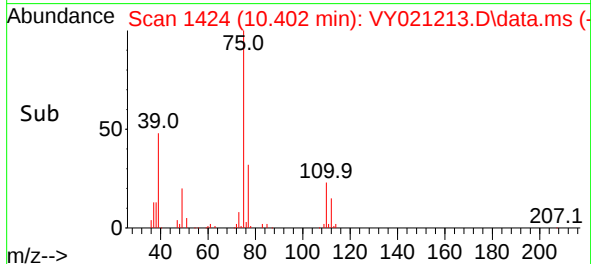
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 9981
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 36.8

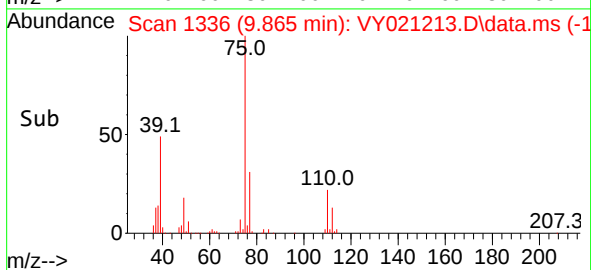
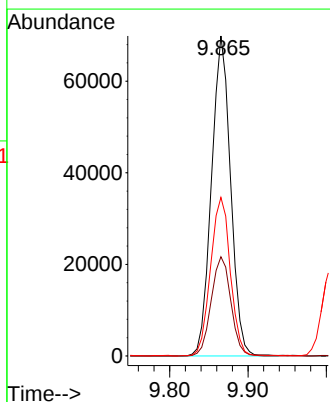
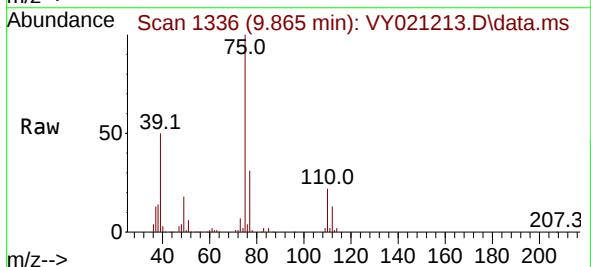
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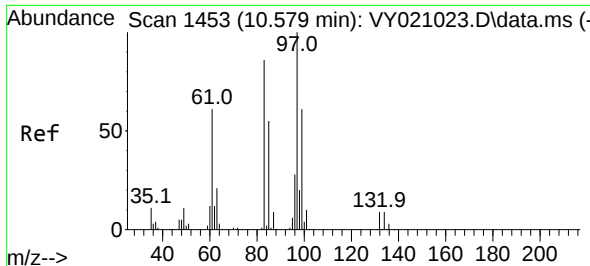
Reviewed By :Romaben Patel 02/18/2025
 Supervised By :Mahesh Dadoda 02/18/2025



#54
 cis-1,3-Dichloropropene
 Concen: 56.114 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021213.D
 Acq: 17 Feb 2025 10:06

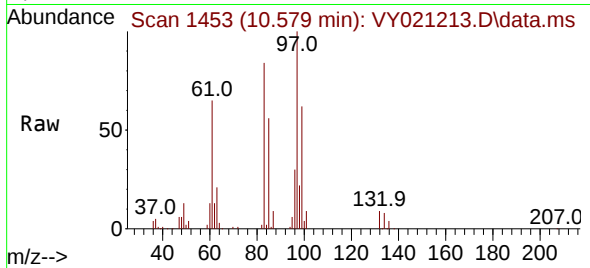
Tgt Ion: 75 Resp: 118200
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8
 39 49.6 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 54.792 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

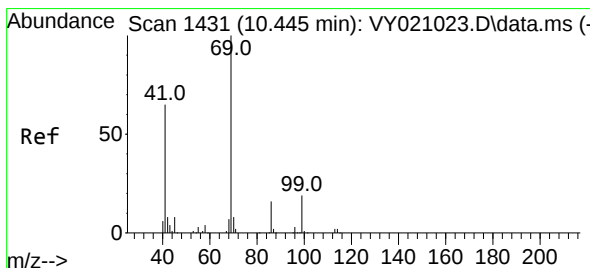
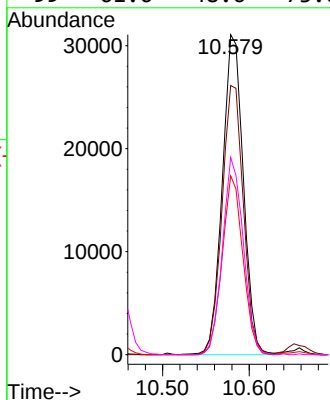
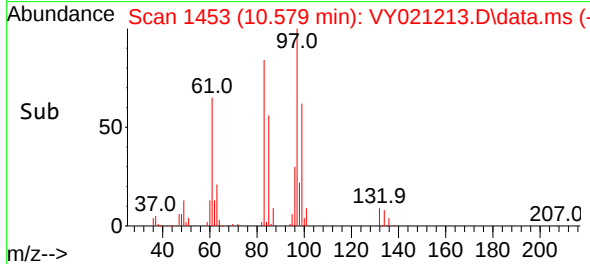
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



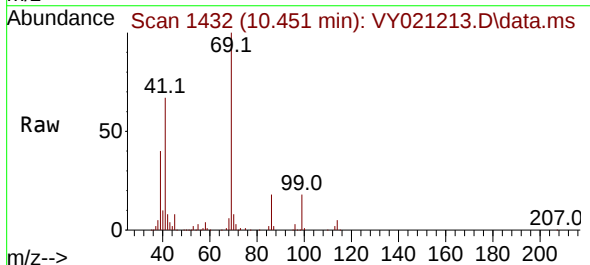
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.4	104.2
85	55.9	43.9	65.9
99	61.6	48.6	73.0

Manual Integrations
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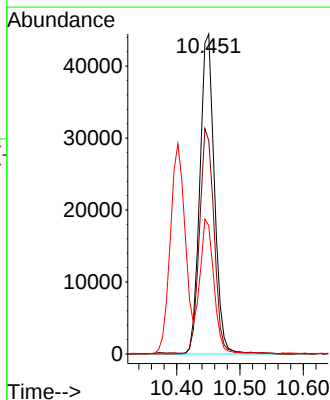
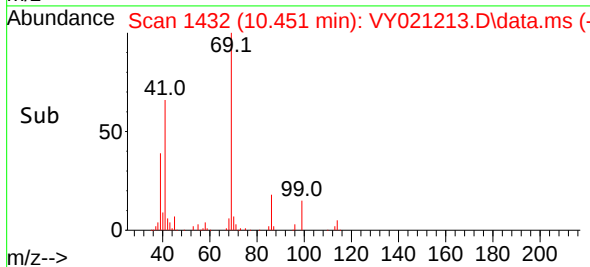
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025

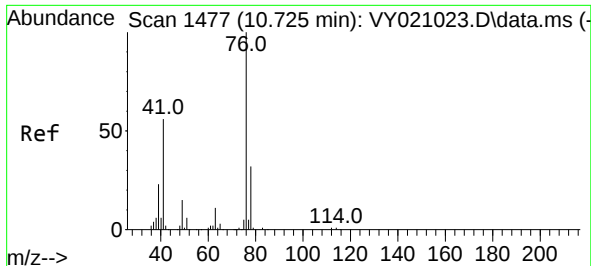


#56
Ethyl methacrylate
Concen: 55.729 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06



Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.6	49.2	73.8
39	39.9	26.8	40.2





#57

1,3-Dichloropropane

Concen: 55.691 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 92214

Ion Ratio Lower Upper

76 100

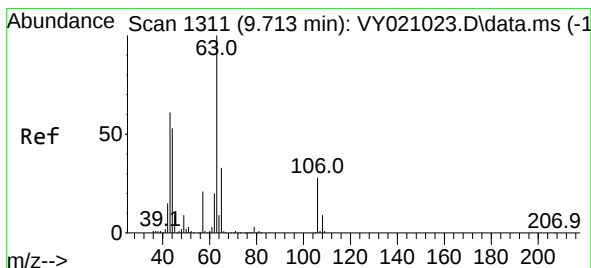
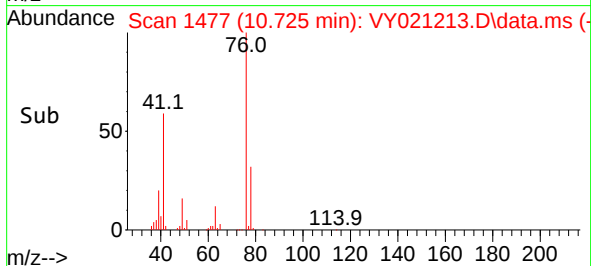
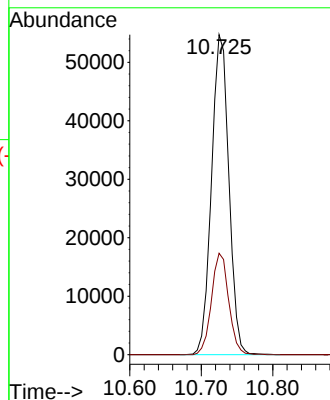
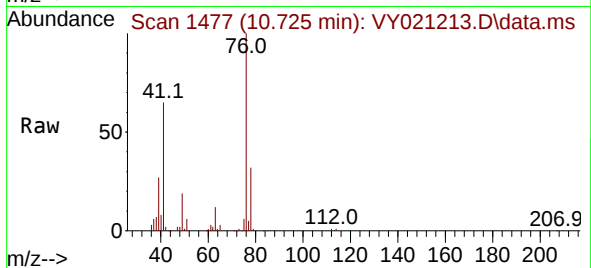
78 31.4 26.1 39.1

Manual Integrations

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Reviewed By :Romaben Patel 02/18/2025

Supervised By :Mahesh Dadoda 02/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 273.348 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021213.D

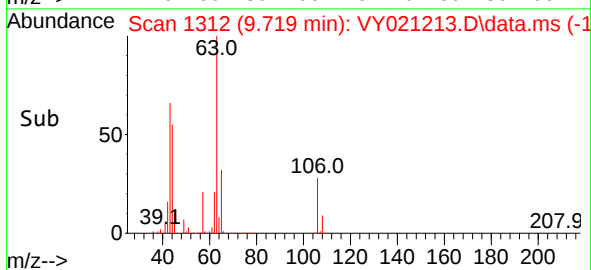
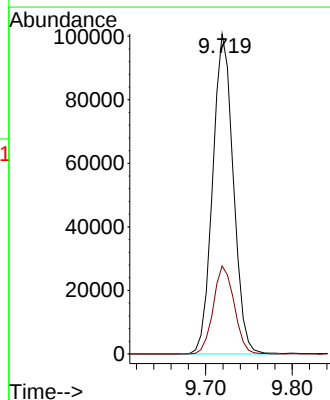
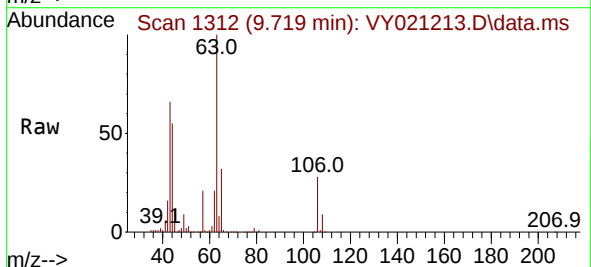
Acq: 17 Feb 2025 10:06

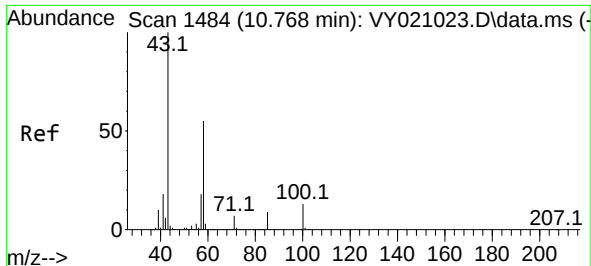
Tgt Ion: 63 Resp: 166427

Ion Ratio Lower Upper

63 100

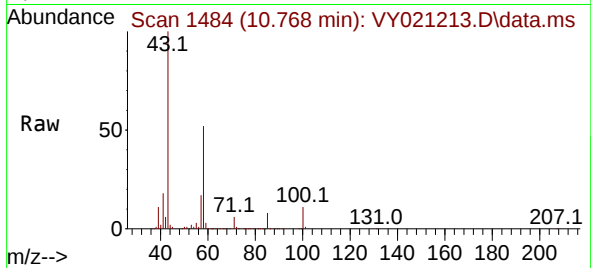
106 27.8 22.4 33.6





#59
2-Hexanone
Concen: 286.494 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

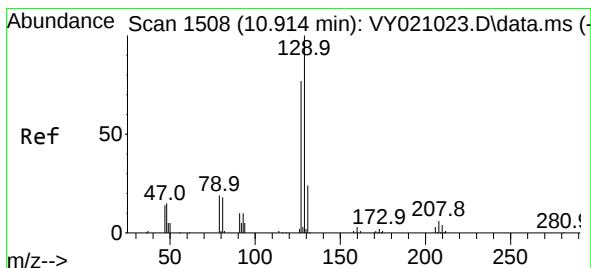
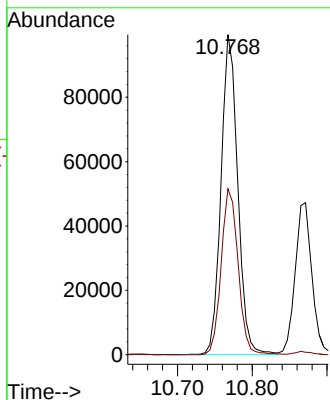
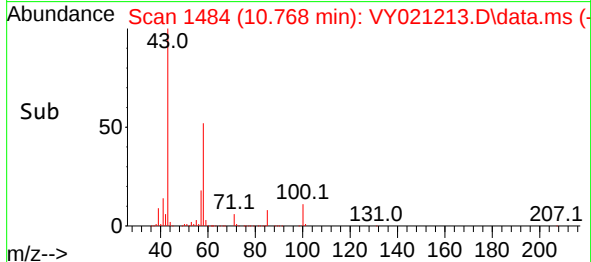
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



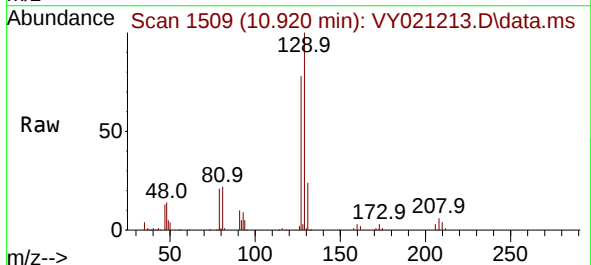
Tgt Ion: 43 Resp: 154889
Ion Ratio Lower Upper
43 100
58 52.5 28.1 84.3

Manual Integrations
APPROVED

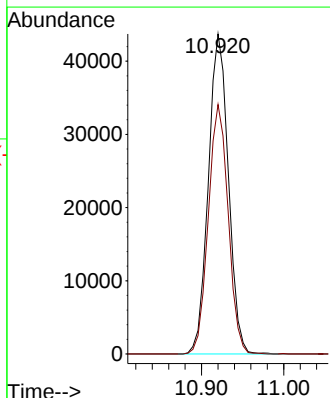
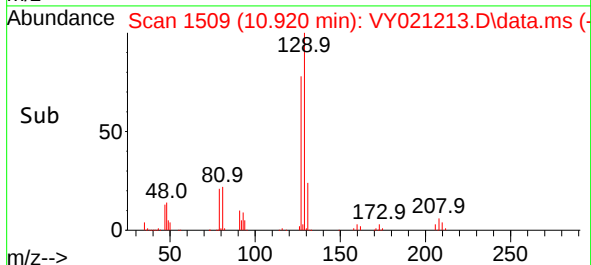
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025

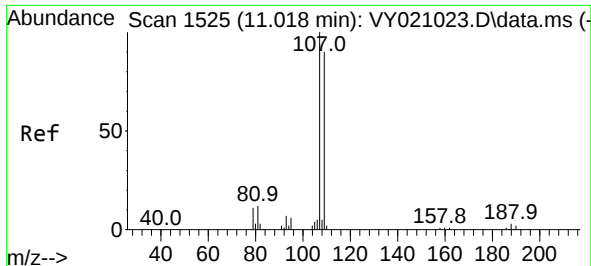


#60
Dibromochloromethane
Concen: 54.954 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06



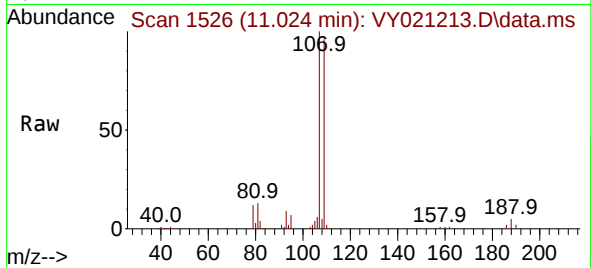
Tgt Ion:129 Resp: 73829
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 52.820 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

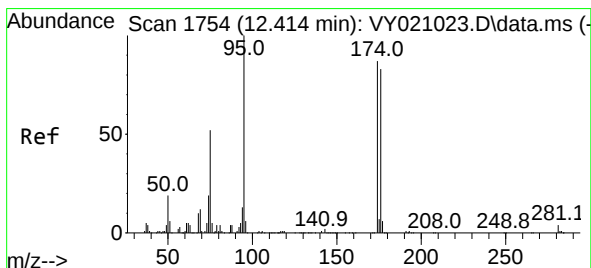
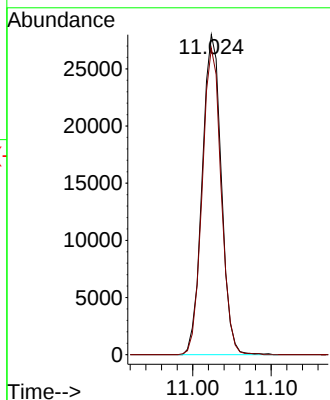
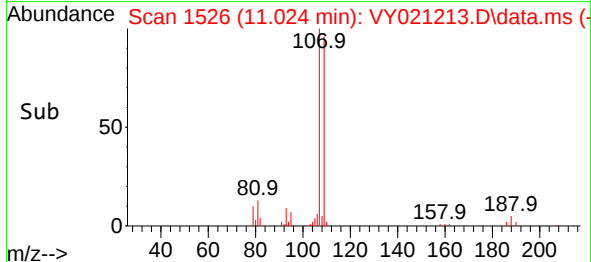
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 47330
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2

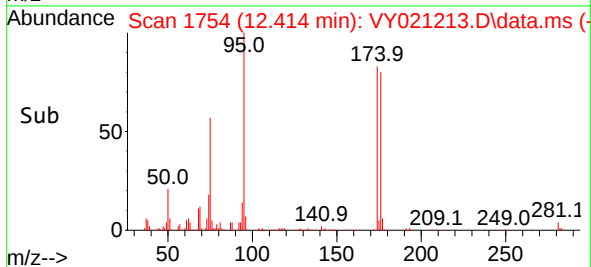
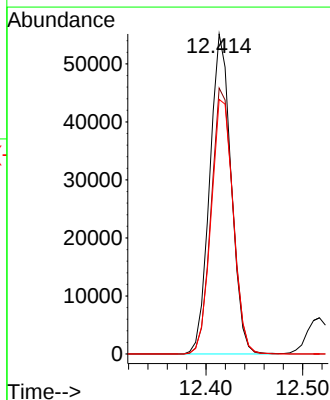
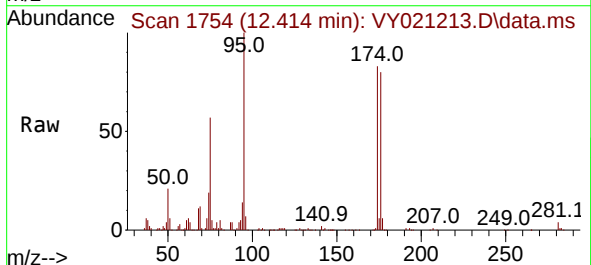
Manual Integrations
APPROVED

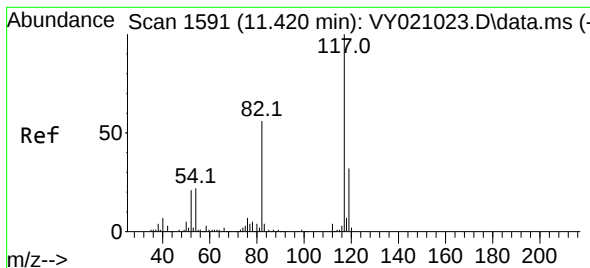
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#62
4-Bromofluorobenzene
Concen: 52.680 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 95 Resp: 84737
Ion Ratio Lower Upper
95 100
174 84.2 0.0 160.0
176 81.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 175510

Ion Ratio Lower Upper

117 100

82 57.1 43.8 65.8

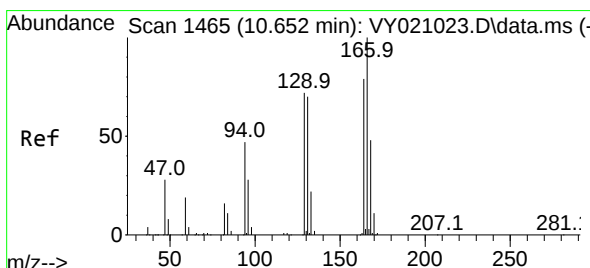
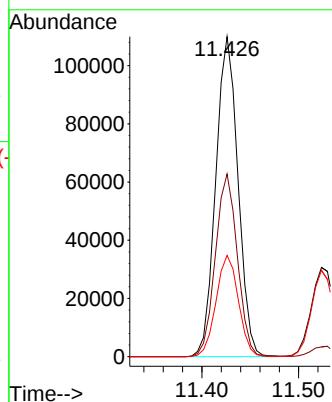
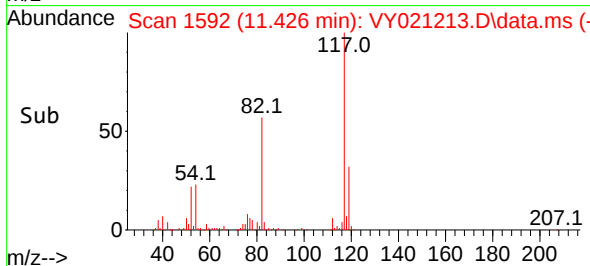
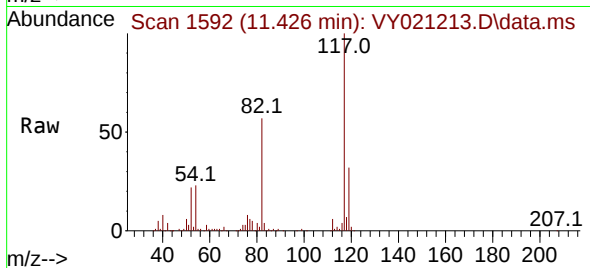
119 31.7 26.5 39.7

Manual Integrations

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Reviewed By :Romaben Patel 02/18/2025

Supervised By :Mahesh Dadoda 02/18/2025



#64

Tetrachloroethene

Concen: 53.480 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Tgt Ion:164 Resp: 69679

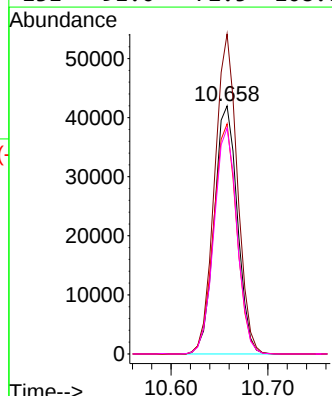
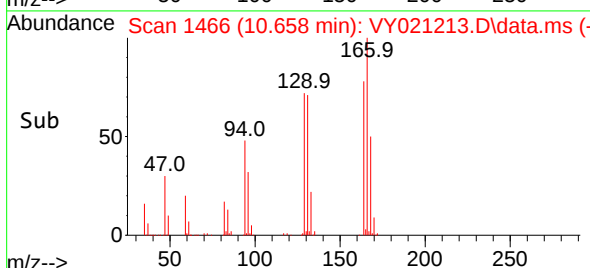
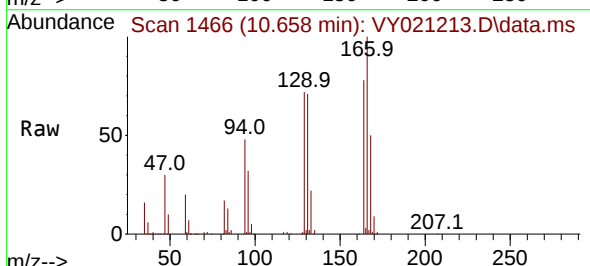
Ion Ratio Lower Upper

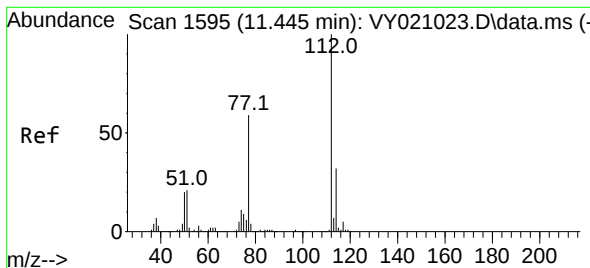
164 100

166 129.0 98.8 148.2

129 92.8 78.9 118.3

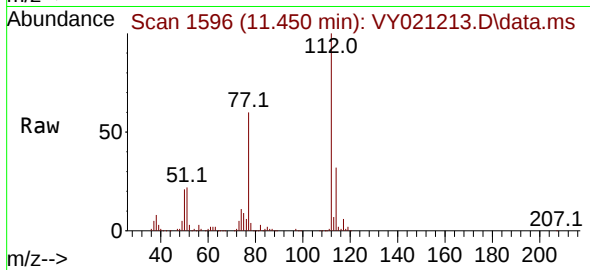
131 91.0 72.5 108.7





#65
Chlorobenzene
Concen: 54.047 ug/l
RT: 11.450 min Scan# 111219
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

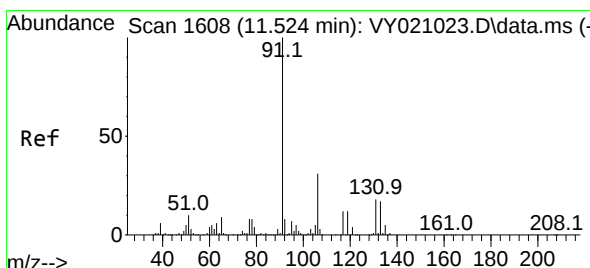
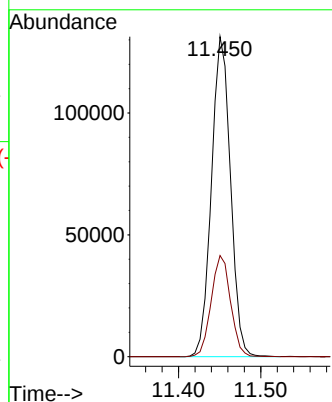
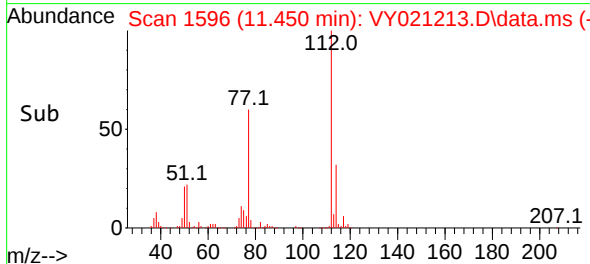
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



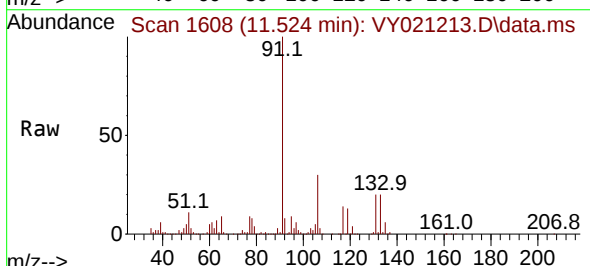
Tgt Ion:112 Resp: 211219
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1

Manual Integrations
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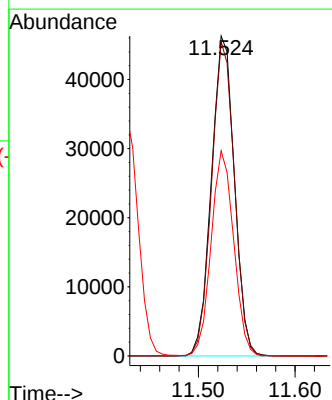
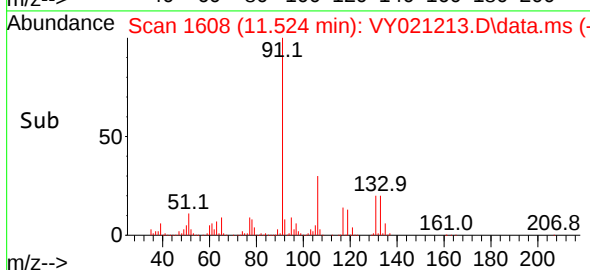
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025

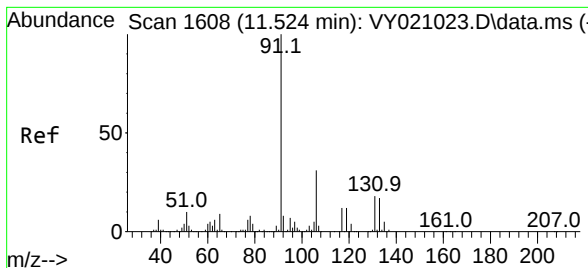


#66
1,1,1,2-Tetrachloroethane
Concen: 54.885 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06



Tgt Ion:131 Resp: 76225
Ion Ratio Lower Upper
131 100
133 97.6 47.0 141.0
119 63.1 33.3 99.9





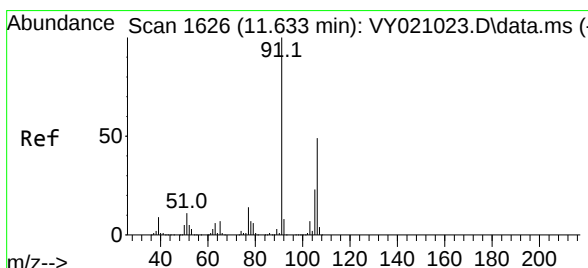
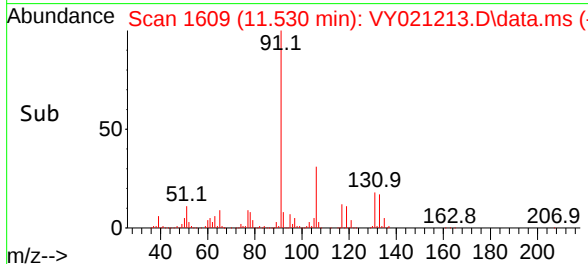
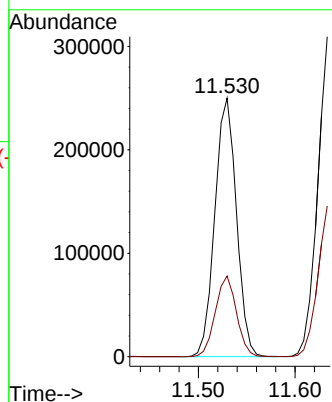
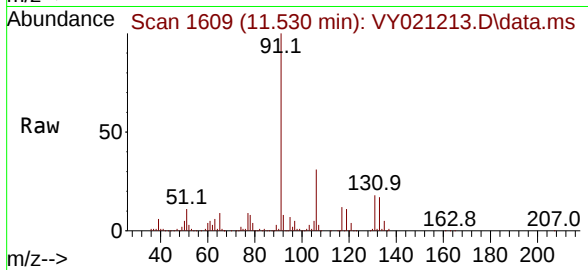
#67
Ethyl Benzene
Concen: 55.955 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 38677
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4

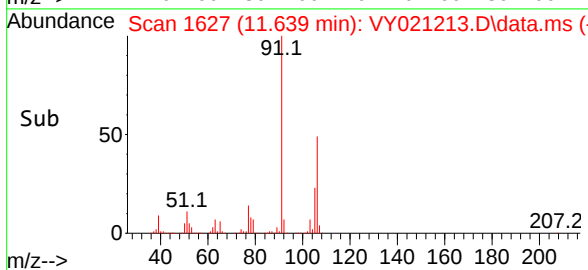
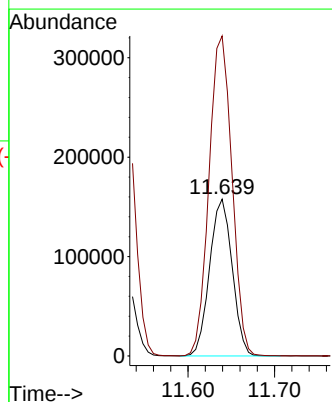
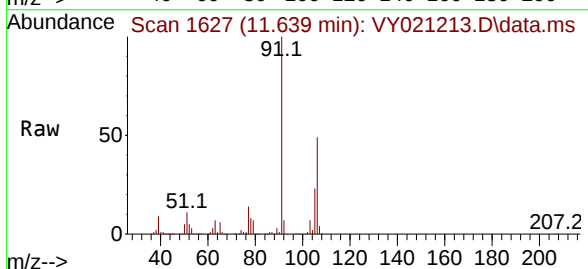
Manual Integrations
APPROVED

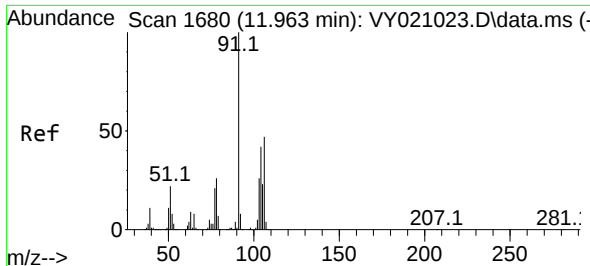
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#68
m/p-Xylenes
Concen: 110.551 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:106 Resp: 285870
Ion Ratio Lower Upper
106 100
91 207.7 160.7 241.1





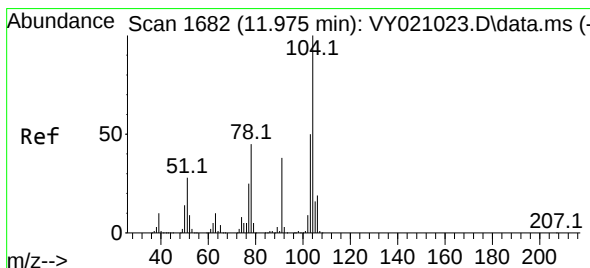
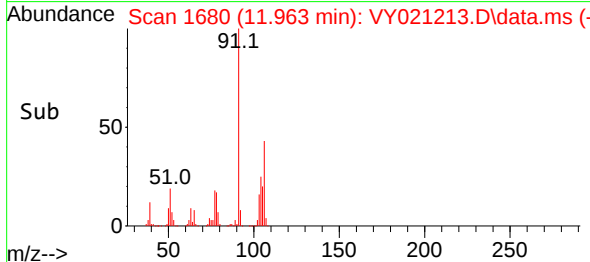
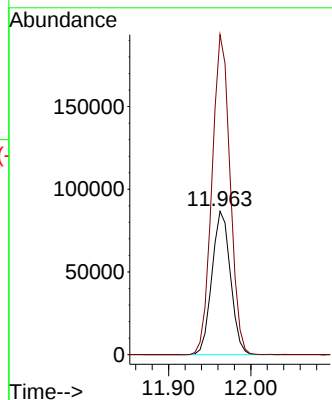
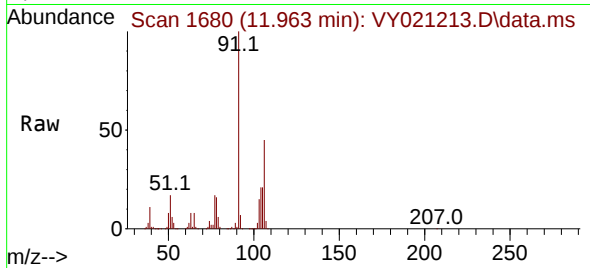
#69
o-Xylene
Concen: 56.263 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 135642
Ion Ratio Lower Upper
106 100
91 218.4 106.5 319.5

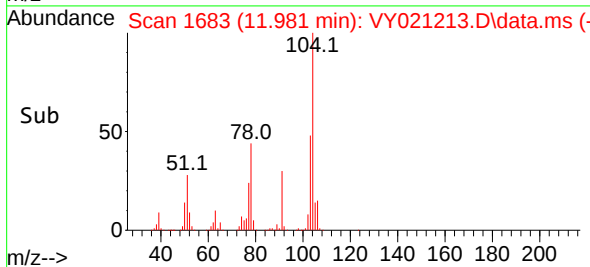
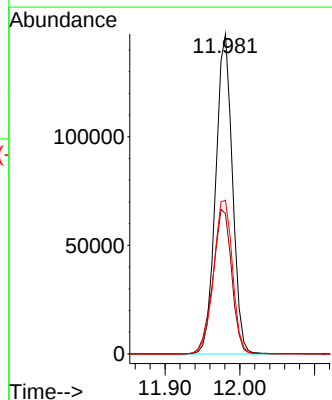
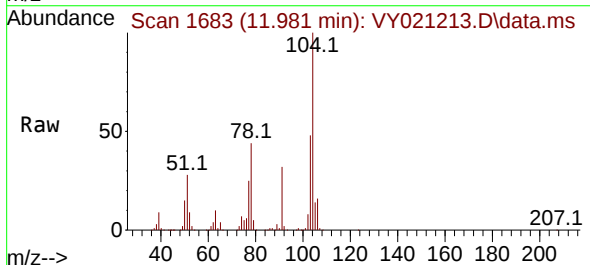
Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#70
Styrene
Concen: 57.054 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:104 Resp: 229257
Ion Ratio Lower Upper
104 100
78 51.0 39.2 58.8
103 54.3 43.8 65.6





#71

Bromoform

Concen: 53.708 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

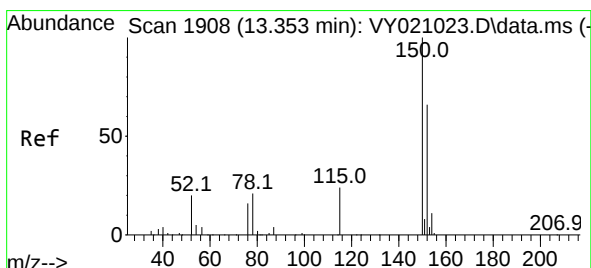
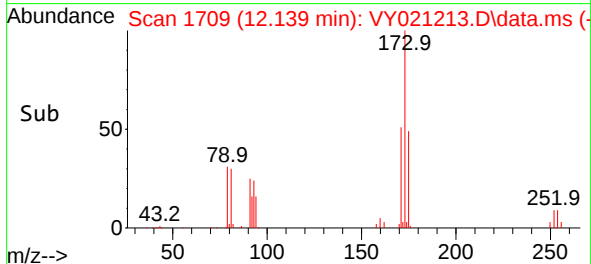
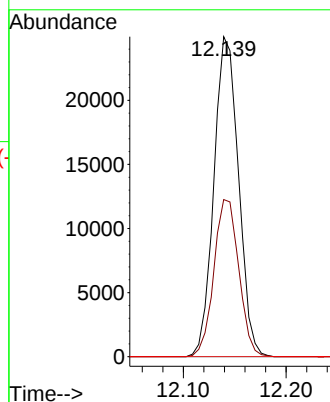
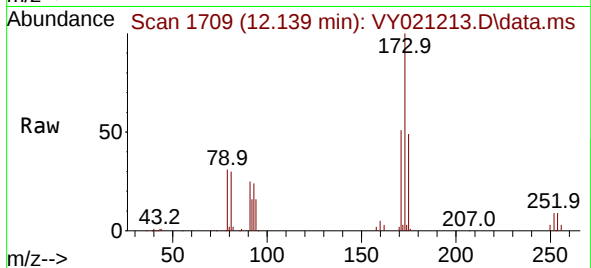
VSTDCCC050

Tgt Ion:	173	Resp:	41518
Ion Ratio	Lower	Upper	
173	100		
175	49.8	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

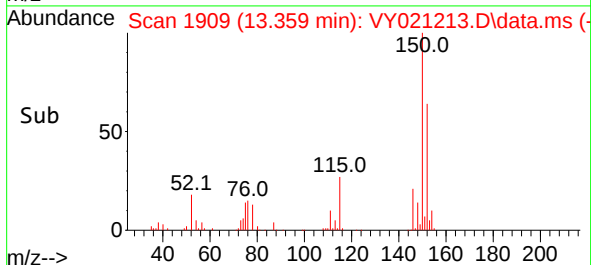
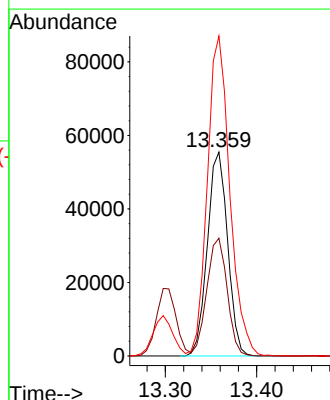
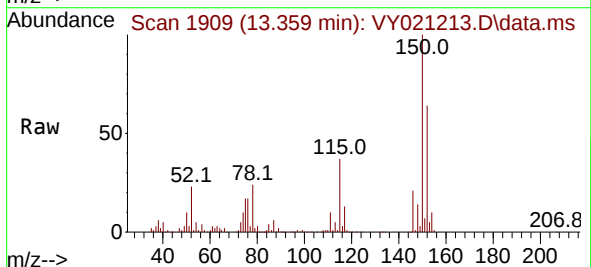
RT: 13.359 min Scan# 1909

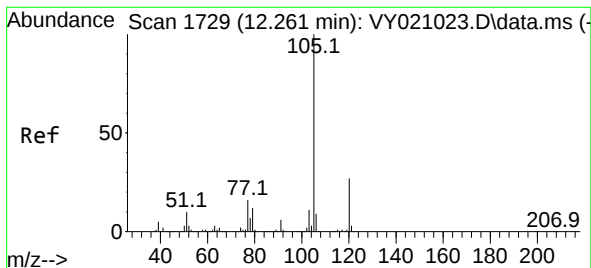
Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Tgt Ion:	152	Resp:	85309
Ion Ratio	Lower	Upper	
152	100		
115	58.0	30.0	90.0
150	174.0	0.0	344.6





#73

Isopropylbenzene

Concen: 55.747 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. -0.000 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 37149

Ion Ratio Lower Upper

105 100

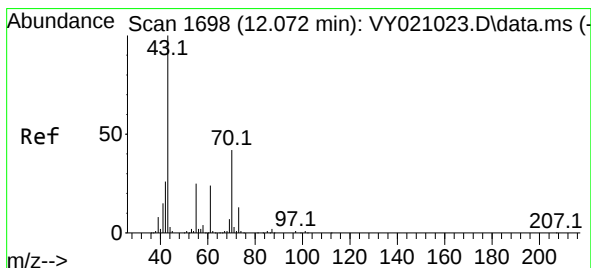
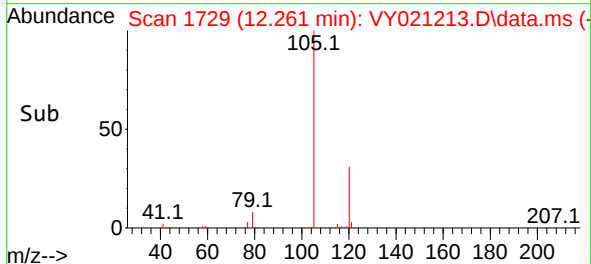
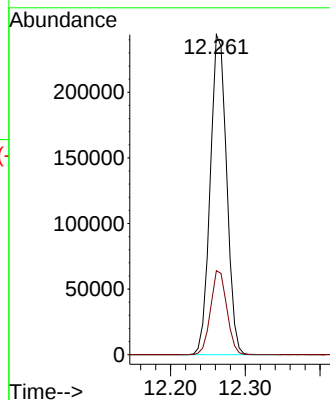
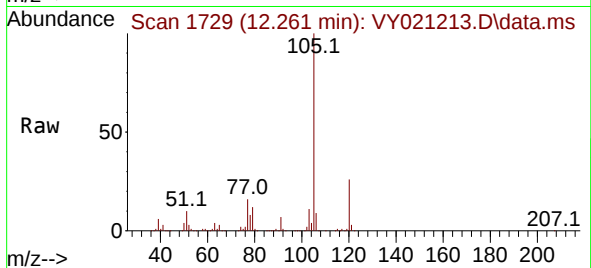
120 25.9 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/18/2025

Supervised By :Mahesh Dadoda 02/18/2025



#74

N-ethyl acetate

Concen: 54.325 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Tgt Ion: 43 Resp: 79146

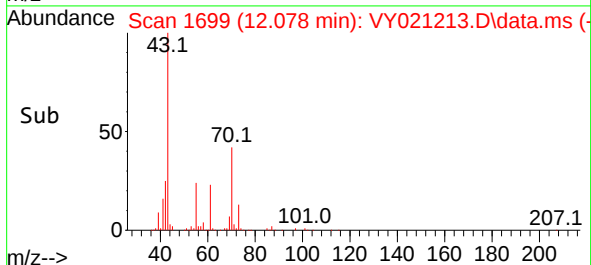
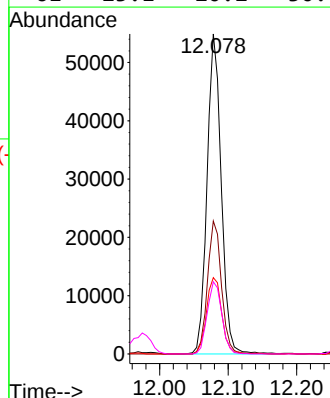
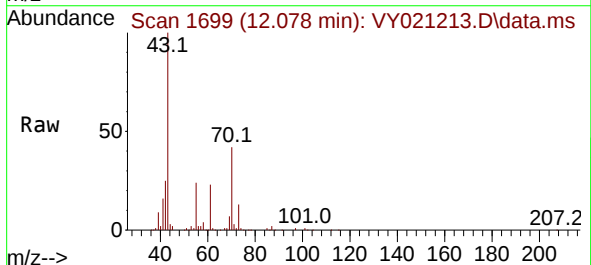
Ion Ratio Lower Upper

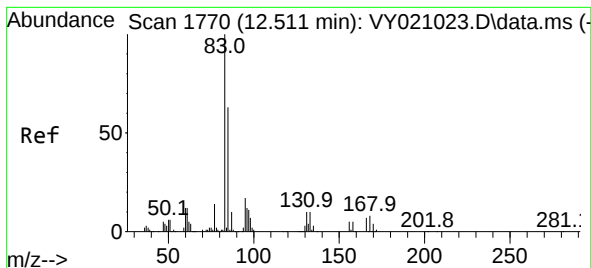
43 100

70 40.9 36.6 55.0

55 25.6 22.2 33.4

61 23.1 20.2 30.4





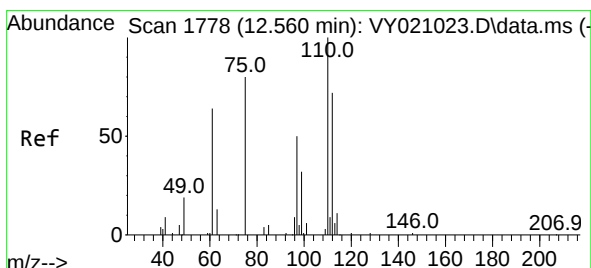
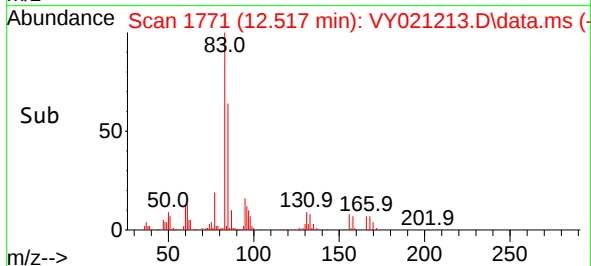
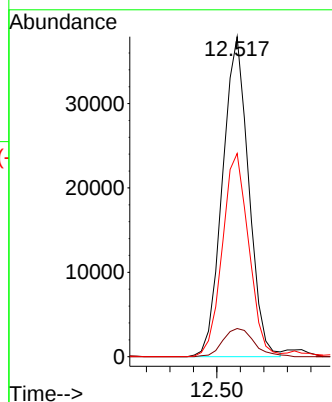
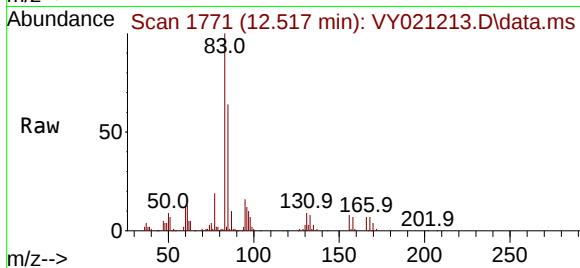
#75
1,1,2,2-Tetrachloroethane
Concen: 52.941 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 5867
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.6
85 64.2 32.6 98.0

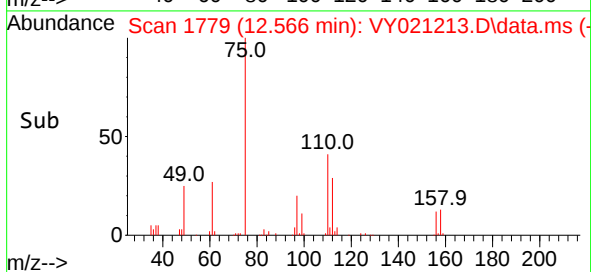
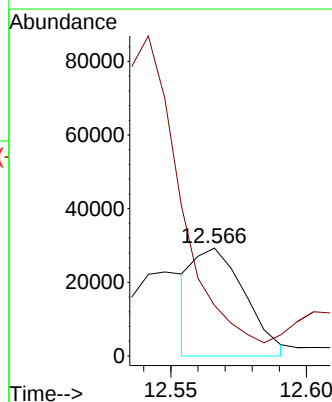
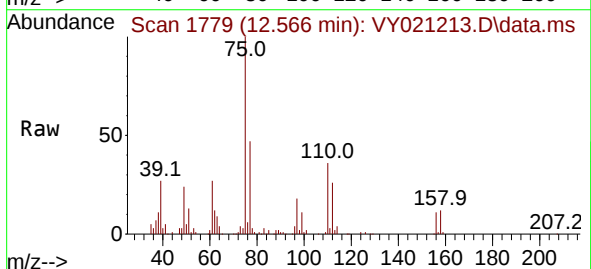
Manual Integrations
APPROVED

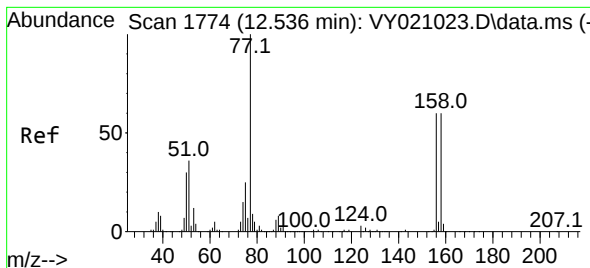
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#76
1,2,3-Trichloropropane
Concen: 50.255 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 75 Resp: 38890
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.893 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

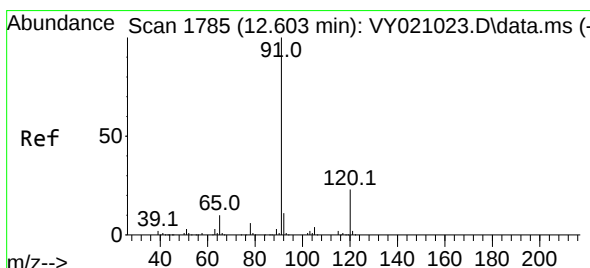
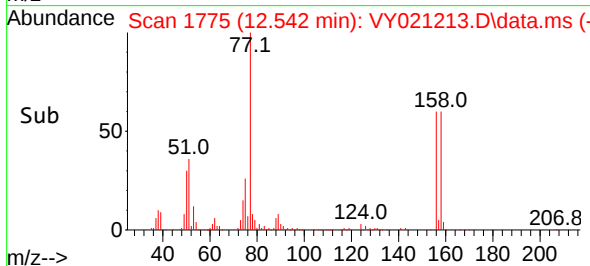
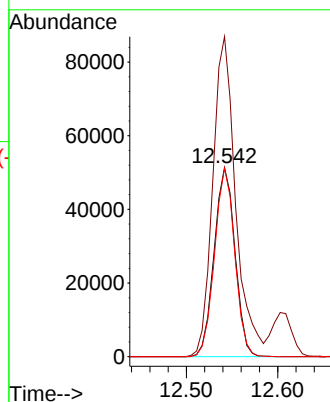
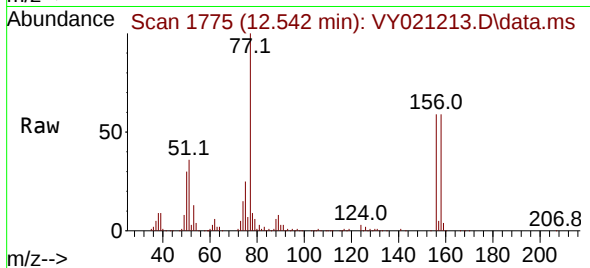
VSTDCCC050

Tgt Ion:	156	Resp:	81338
Ion Ratio	Lower	Upper	
156	100		
77	185.3	97.3	291.8
158	96.6	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#78

n-propylbenzene

Concen: 56.294 ug/l

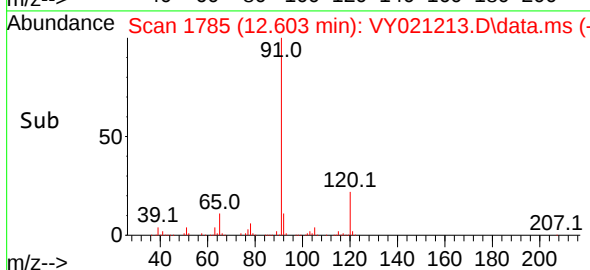
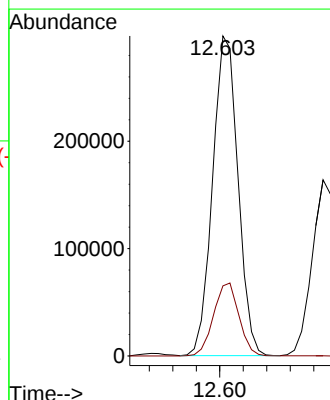
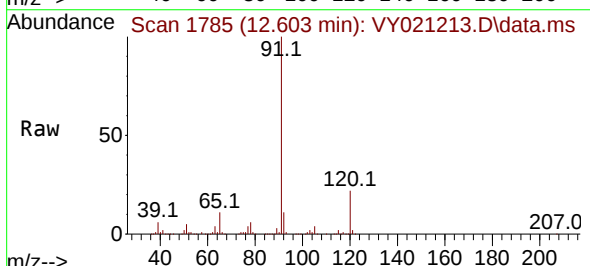
RT: 12.603 min Scan# 1785

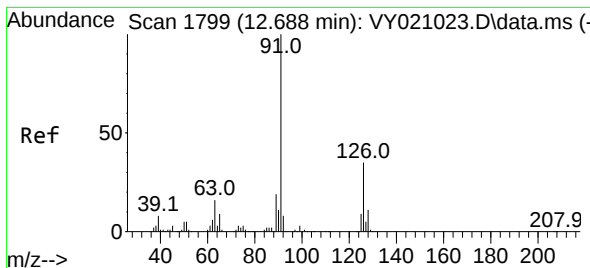
Delta R.T. -0.000 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Tgt Ion:	91	Resp:	446869
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.0	33.0





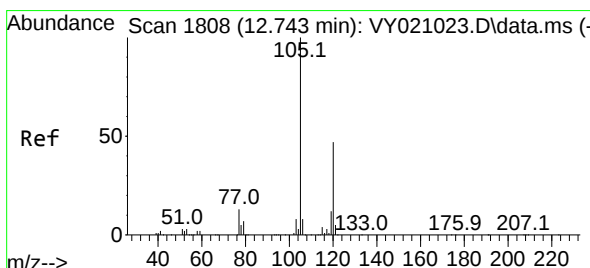
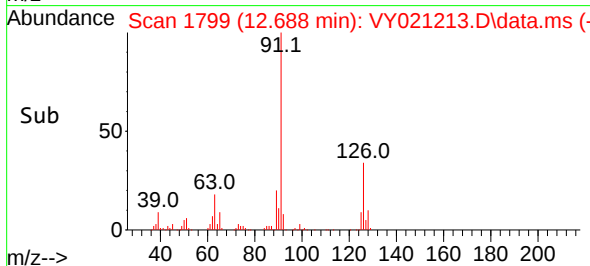
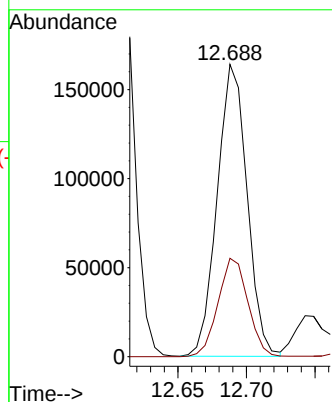
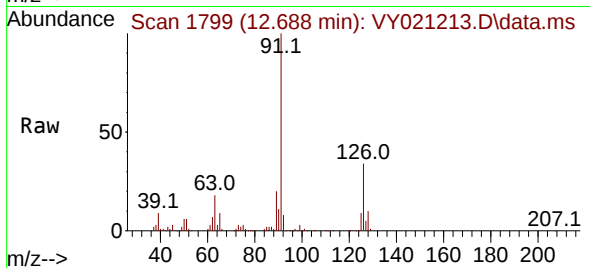
#79
2-Chlorotoluene
Concen: 54.773 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 249029
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0

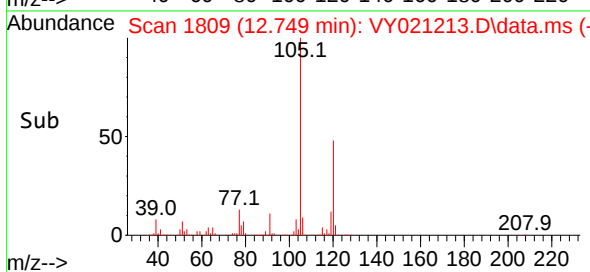
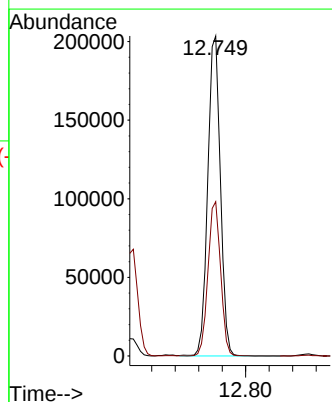
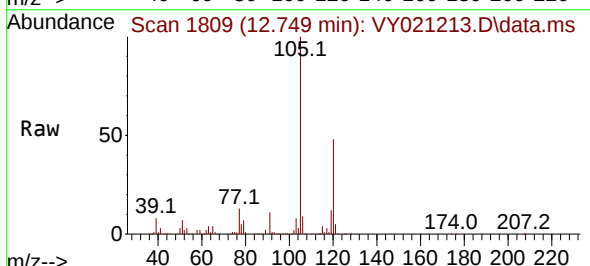
Manual Integrations
APPROVED

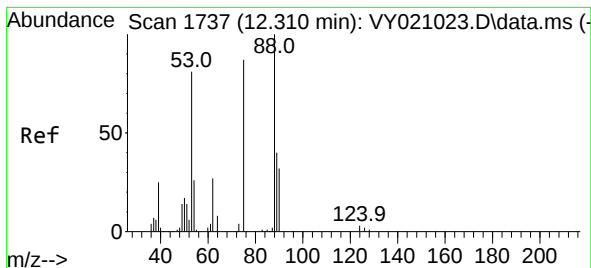
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.227 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:105 Resp: 303783
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8





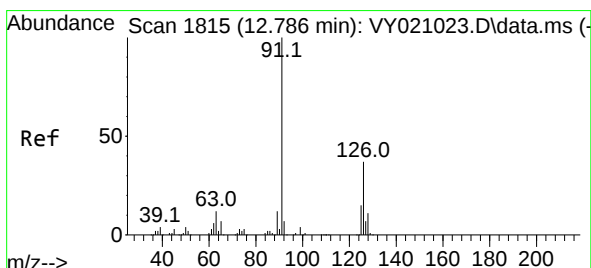
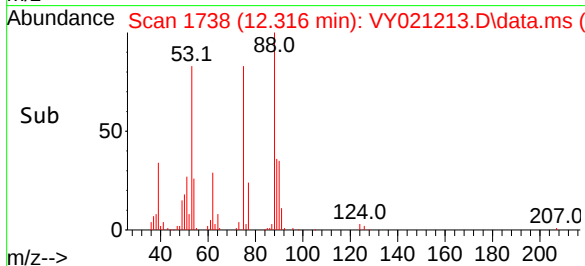
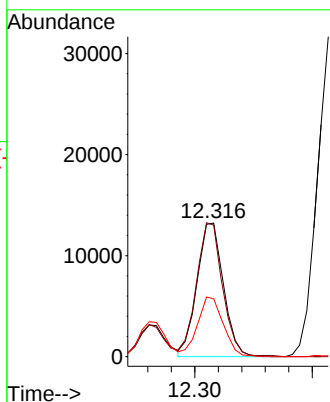
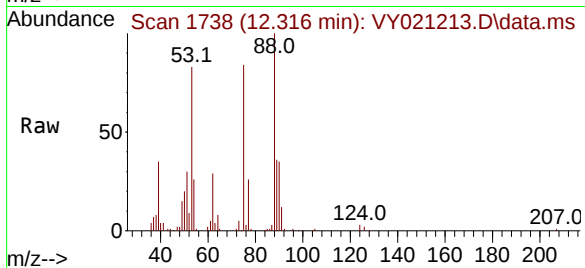
#81
trans-1,4-Dichloro-2-butene
Concen: 54.499 ug/l
RT: 12.316 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 20669
Ion Ratio Lower Upper
75 100
53 99.0 74.0 111.0
89 43.8 36.5 54.7

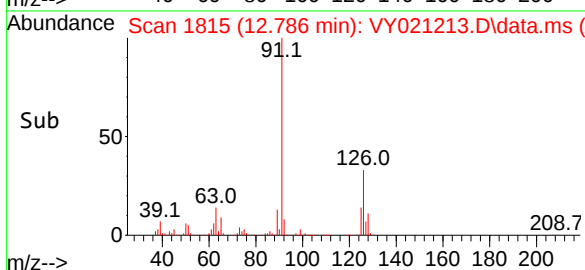
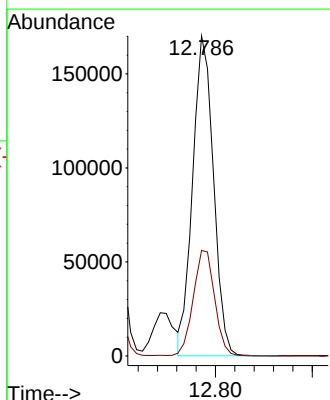
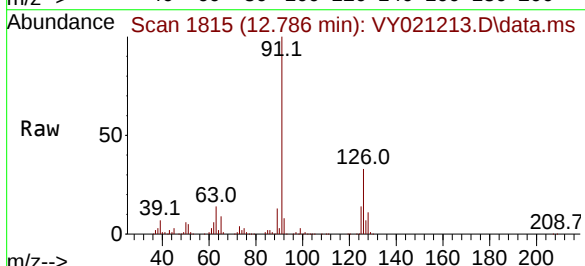
Manual Integrations
APPROVED

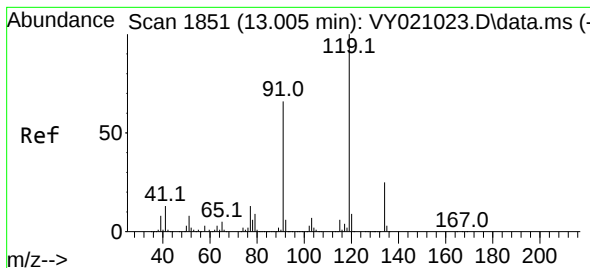
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#82
4-Chlorotoluene
Concen: 54.814 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion: 91 Resp: 253914
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 55.230 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

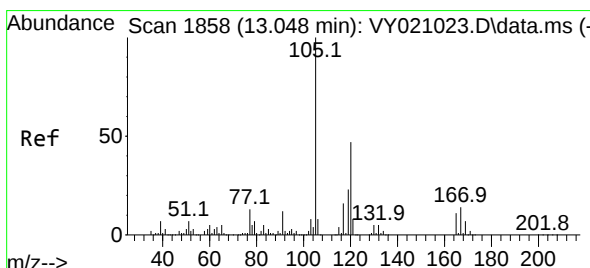
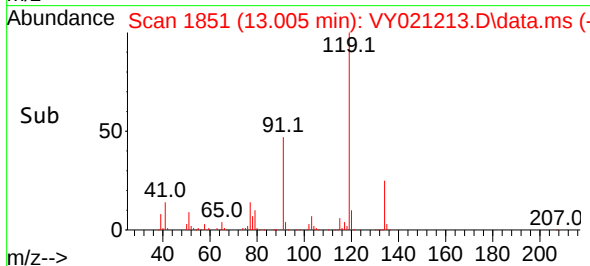
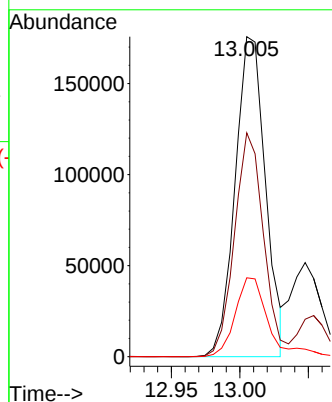
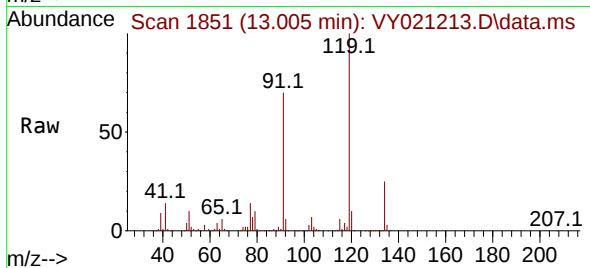
Tgt Ion:119 Resp: 271230

Ion	Ratio	Lower	Upper
119	100		
91	67.2	31.5	94.5
134	26.9	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#84

1,2,4-Trimethylbenzene

Concen: 56.626 ug/l

RT: 13.054 min Scan# 1859

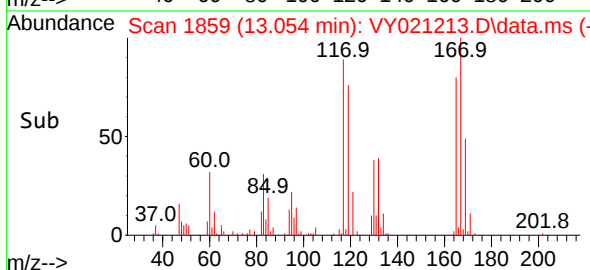
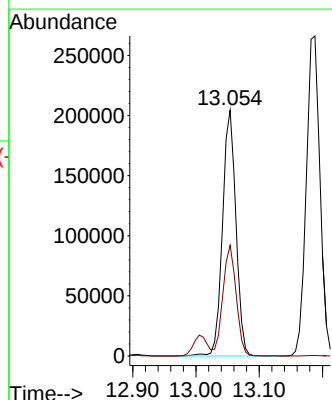
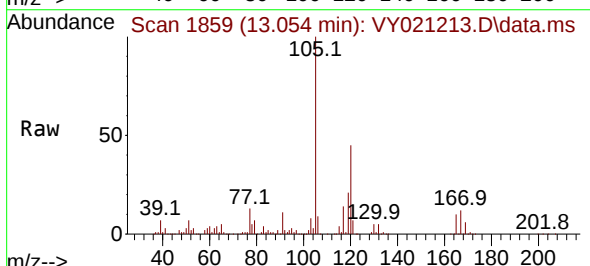
Delta R.T. 0.006 min

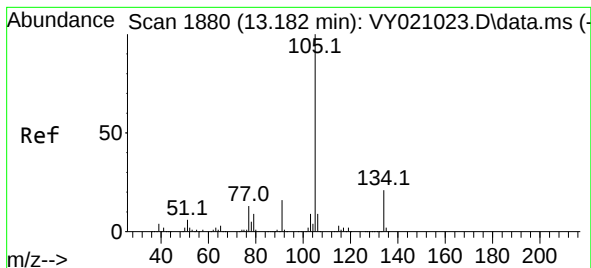
Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Tgt Ion:105 Resp: 299137

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.3





#85

sec-Butylbenzene

Concen: 56.308 ug/l

RT: 13.188 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 39805

Ion Ratio Lower Upper

105 100

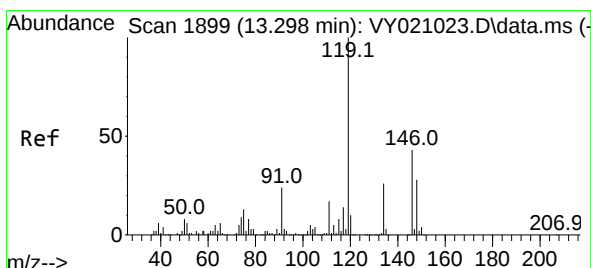
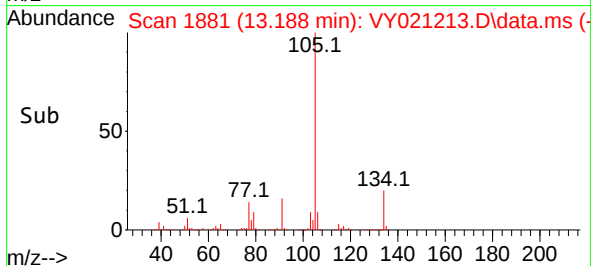
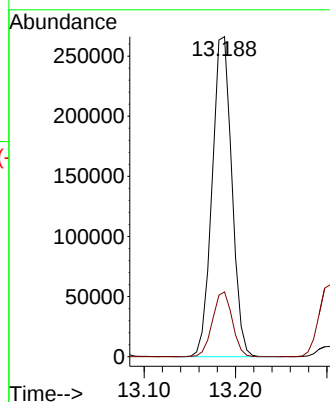
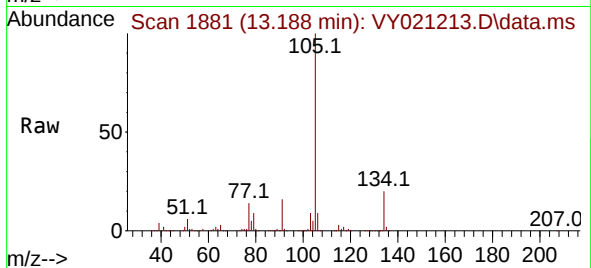
134 20.3 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/18/2025

Supervised By :Mahesh Dadoda 02/18/2025



#86

p-Isopropyltoluene

Concen: 56.770 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

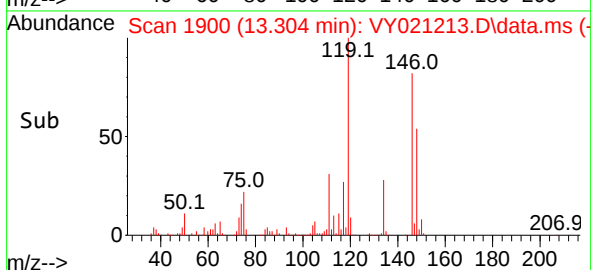
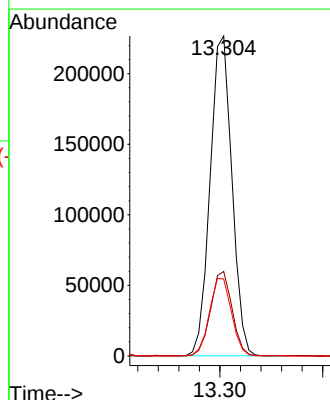
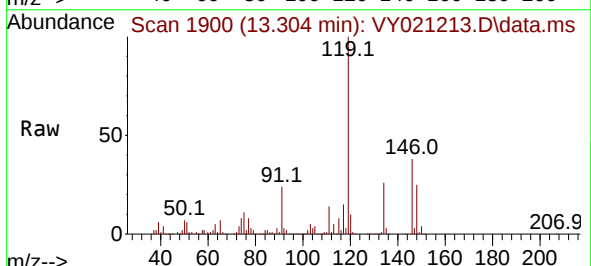
Tgt Ion:119 Resp: 333365

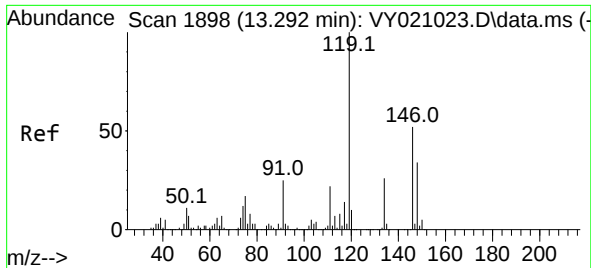
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.6 11.7 35.0





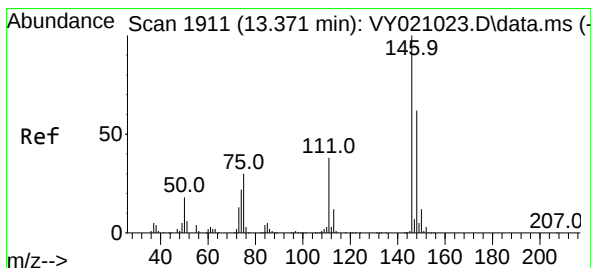
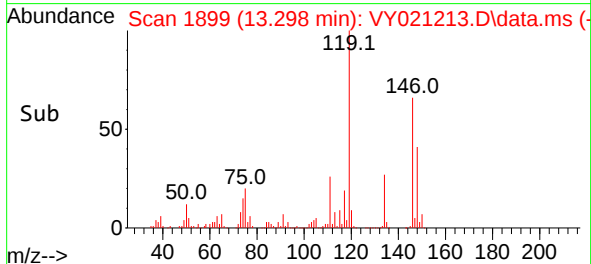
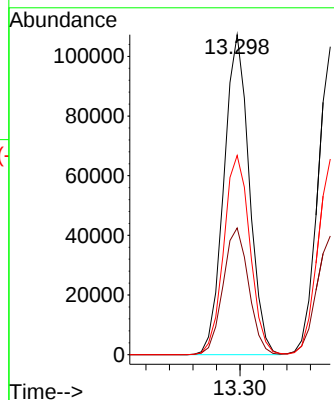
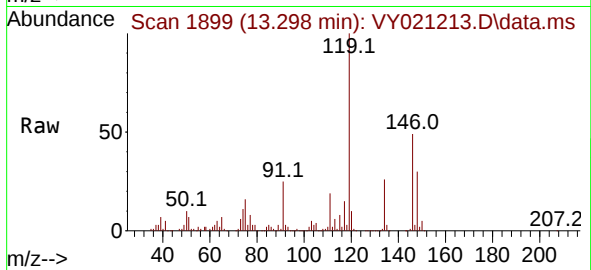
#87
1,3-Dichlorobenzene
Concen: 53.979 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 16027
Ion Ratio Lower Upper
146 100
111 40.1 20.2 60.5
148 64.5 31.9 95.9

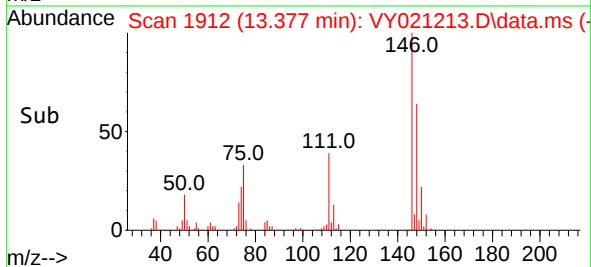
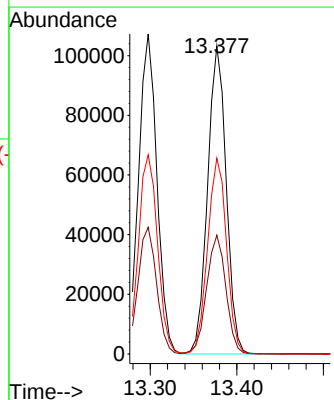
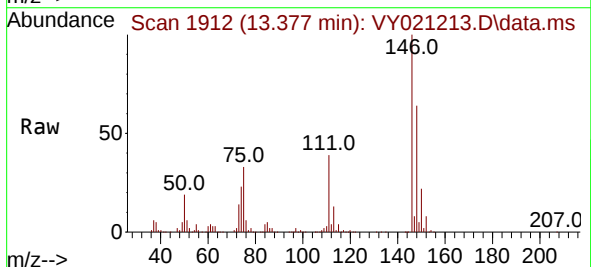
Manual Integrations
APPROVED

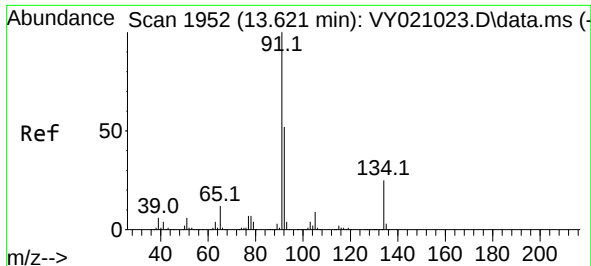
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#88
1,4-Dichlorobenzene
Concen: 52.718 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

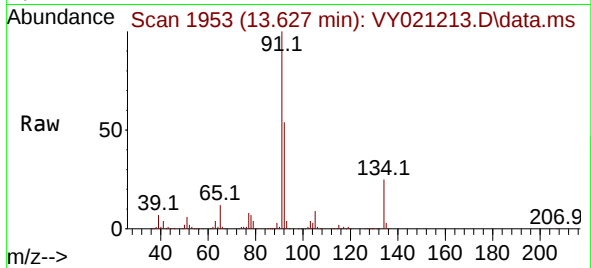
Tgt Ion:146 Resp: 154124
Ion Ratio Lower Upper
146 100
111 40.0 19.3 57.9
148 64.7 31.6 94.7





#89
n-Butylbenzene
Concen: 57.710 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

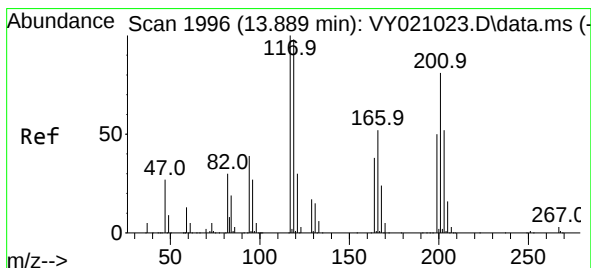
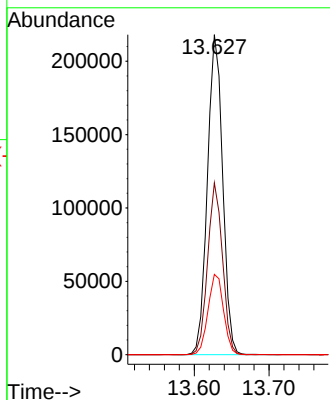
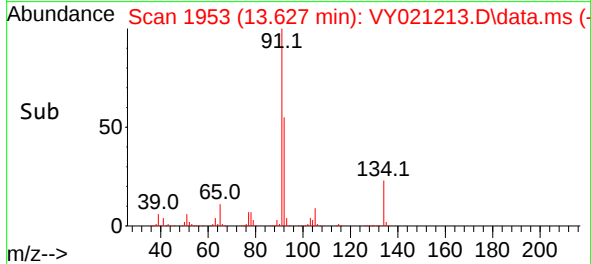
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 309150
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 25.6 12.3 36.8

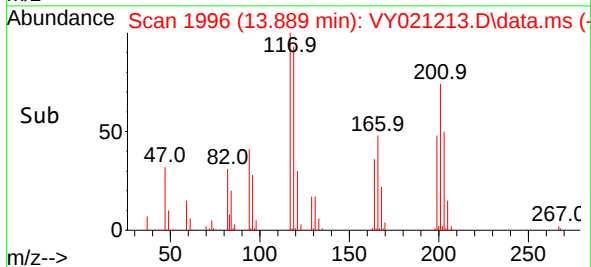
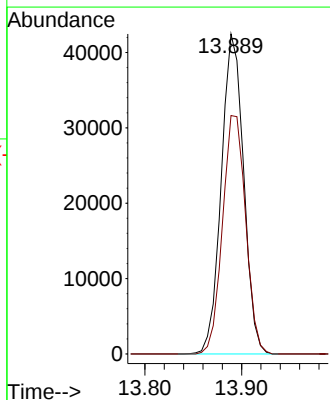
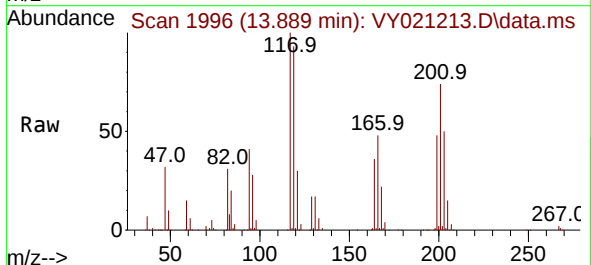
Manual Integrations
APPROVED

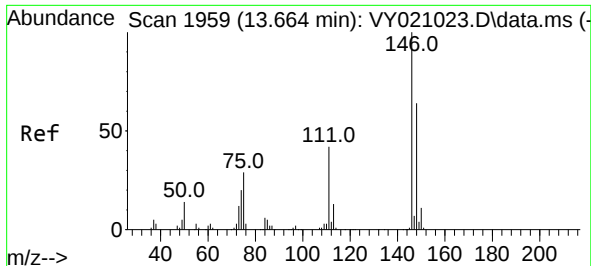
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#90
Hexachloroethane
Concen: 55.477 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

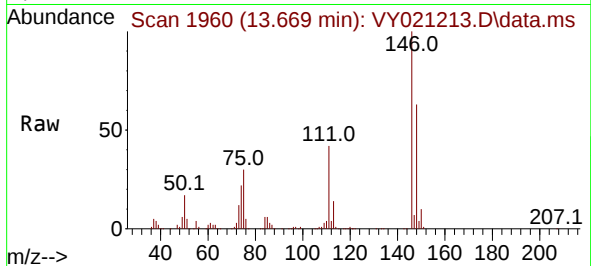
Tgt Ion:117 Resp: 67961
Ion Ratio Lower Upper
117 100
201 77.3 33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 53.923 ug/l
RT: 13.669 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

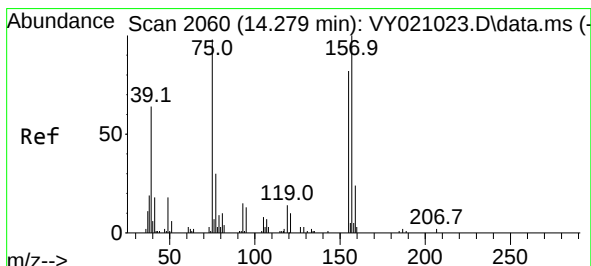
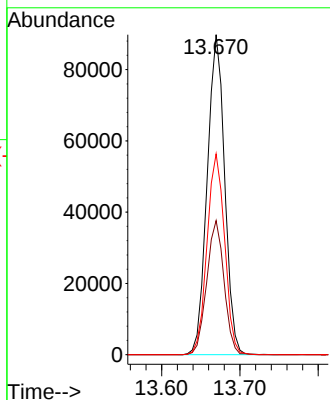
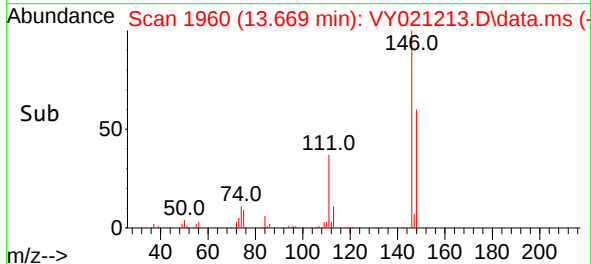
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



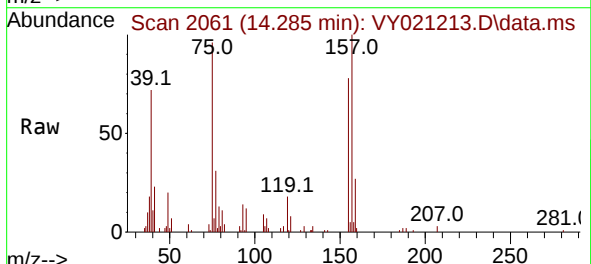
Tgt Ion:146 Resp: 138968
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 63.1 31.4 94.3

Manual Integrations
APPROVED

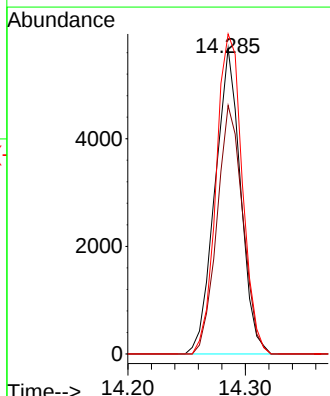
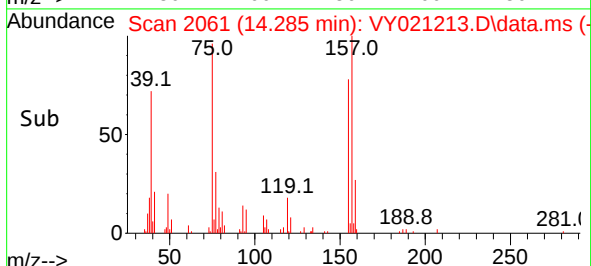
Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025

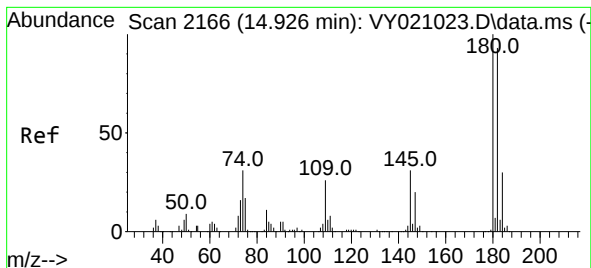


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.788 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06



Tgt Ion: 75 Resp: 8577
Ion Ratio Lower Upper
75 100
155 82.1 42.1 126.3
157 107.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 55.406 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

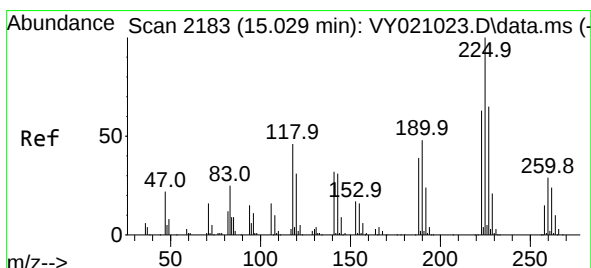
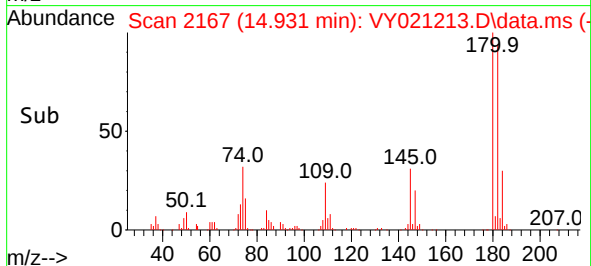
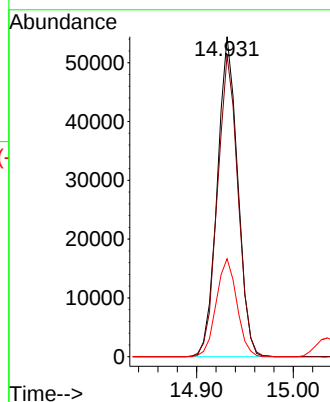
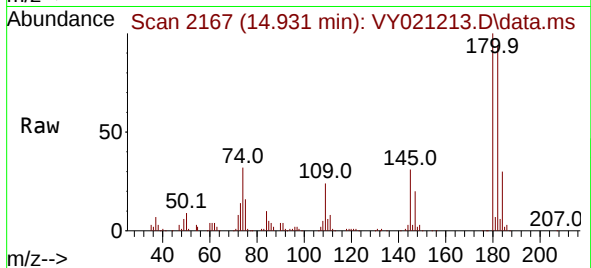
VSTDCCC050

Tgt Ion:	180	Resp:	7948
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.9	143.7
145	31.0	15.9	47.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#94

Hexachlorobutadiene

Concen: 56.017 ug/l

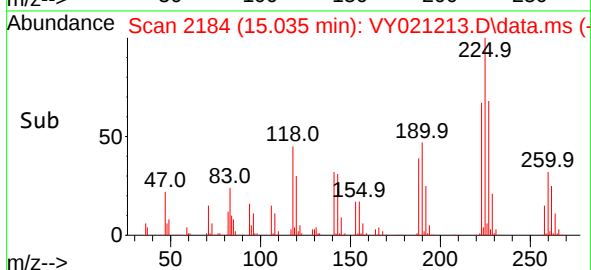
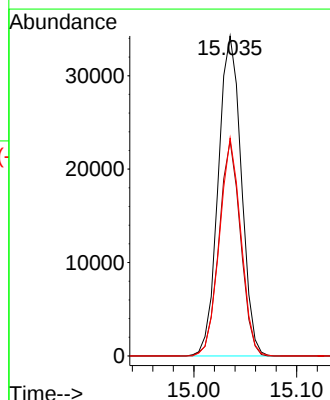
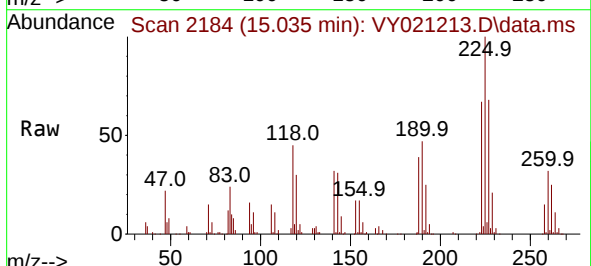
RT: 15.035 min Scan# 2184

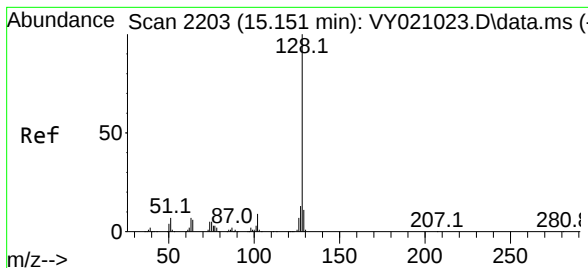
Delta R.T. 0.006 min

Lab File: VY021213.D

Acq: 17 Feb 2025 10:06

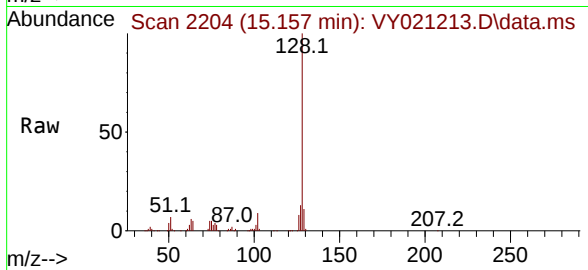
Tgt Ion:	225	Resp:	53251
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.4	94.3
227	63.6	32.3	96.8





#95
Naphthalene
Concen: 55.527 ug/l
RT: 15.157 min Scan# 2204
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

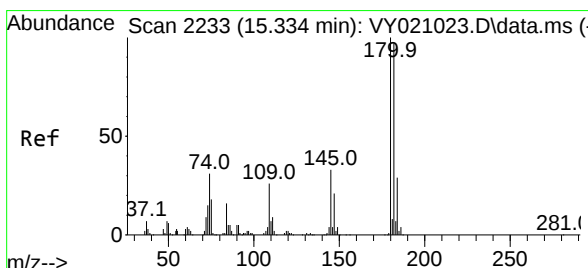
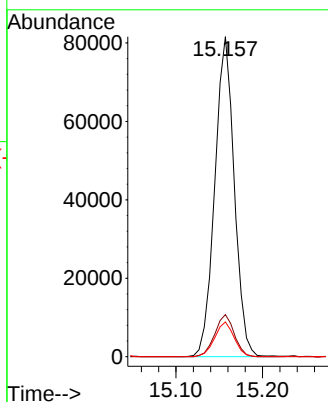
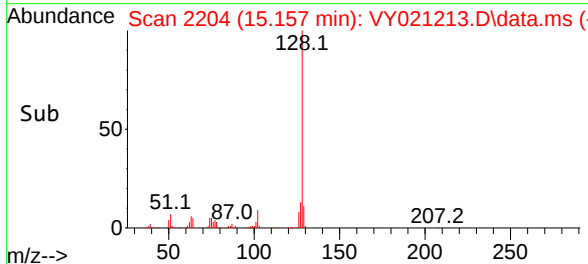
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 127430
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/18/2025
Supervised By :Mahesh Dadoda 02/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.926 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021213.D
Acq: 17 Feb 2025 10:06

Tgt Ion:180 Resp: 65571
Ion Ratio Lower Upper
180 100
182 94.1 46.3 138.8
145 32.2 16.1 48.2

