

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
 Data File : VY013057.D
 Acq On : 23 Mar 2023 13:11
 Operator : KP/MD
 Sample : VY0323SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0323SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 24 05:01:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	106622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	160661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57521	54.336	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.680%			
35) Dibromofluoromethane	7.710	113	58413	60.245	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.500%			
50) Toluene-d8	10.179	98	184248	51.980	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.477	95	71542	59.798	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19649	18.697	ug/l	98
3) Chloromethane	2.113	50	20643	16.431	ug/l	99
4) Vinyl Chloride	2.247	62	20982	18.212	ug/l	96
5) Bromomethane	2.631	94	14319	20.455	ug/l	95
6) Chloroethane	2.784	64	13580	19.682	ug/l	94
7) Trichlorofluoromethane	3.119	101	36555	19.104	ug/l	92
8) Diethyl Ether	3.527	74	13751	20.507	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	23183	20.138	ug/l	99
10) Methyl Iodide	4.082	142	26427	17.618	ug/l	99
11) Tert butyl alcohol	4.942	59	15560	117.093	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	21338	19.434	ug/l	90
13) Acrolein	3.723	56	12461	67.186	ug/l	96
14) Allyl chloride	4.472	41	37431	18.456	ug/l	99
15) Acrylonitrile	5.161	53	38342	108.522	ug/l	99
16) Acetone	3.942	43	42506	102.297	ug/l	95
17) Carbon Disulfide	4.186	76	62035	16.599	ug/l	100
18) Methyl Acetate	4.466	43	25619	20.704	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	59489	20.976	ug/l	99
20) Methylene Chloride	4.710	84	30556	20.980	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	23432	19.639	ug/l	98
22) Diisopropyl ether	6.112	45	77175	20.950	ug/l	92
23) Vinyl Acetate	6.051	43	234408	102.413	ug/l	100
24) 1,1-Dichloroethane	6.009	63	43132	20.548	ug/l	100
25) 2-Butanone	6.984	43	56846	110.455	ug/l	97
26) 2,2-Dichloropropane	6.978	77	38501	20.651	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	27170	21.239	ug/l	95
28) Bromochloromethane	7.332	49	16730	21.809	ug/l	100
29) Tetrahydrofuran	7.338	42	34529	111.242	ug/l	100
30) Chloroform	7.502	83	45155	21.778	ug/l	97
31) Cyclohexane	7.783	56	36158	17.834	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	38927	20.761	ug/l	99
36) 1,1-Dichloropropene	7.917	75	32833	20.207	ug/l	99
37) Ethyl Acetate	7.069	43	23177	22.632	ug/l	99
38) Carbon Tetrachloride	7.899	117	35839	21.360	ug/l	98
39) Methylcyclohexane	9.179	83	36739	19.019	ug/l	100
40) Benzene	8.155	78	95705	20.823	ug/l	98

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 Supervised By :Mahesh Dadoda 03/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	10929m	19.808	ug/l	
42) 1,2-Dichloroethane	8.234	62	30103	21.785	ug/l	100
43) Isopropyl Acetate	8.271	43	39699	21.728	ug/l	98
44) Trichloroethene	8.935	130	25701	21.209	ug/l	93
45) 1,2-Dichloropropane	9.209	63	25013	21.534	ug/l	97
46) Dibromomethane	9.301	93	14579	22.031	ug/l	96
47) Bromodichloromethane	9.496	83	34297	21.993	ug/l	99
48) Methyl methacrylate	9.289	41	17318	20.570	ug/l	94
49) 1,4-Dioxane	9.295	88	4158	486.045	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	115526	116.564	ug/l	99
52) Toluene	10.240	92	58931	21.260	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	35024	21.412	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	39523	21.348	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	20863	22.638	ug/l	97
56) Ethyl methacrylate	10.508	69	27267	22.189	ug/l	98
57) 1,3-Dichloropropane	10.788	76	34904	22.236	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	71300	110.528	ug/l	100
59) 2-Hexanone	10.831	43	86532	120.132	ug/l	99
60) Dibromochloromethane	10.983	129	24773	22.083	ug/l	98
61) 1,2-Dibromoethane	11.087	107	19884	22.398	ug/l	99
64) Tetrachloroethene	10.715	164	23141	21.721	ug/l	96
65) Chlorobenzene	11.514	112	64654	21.052	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	24929	21.937	ug/l	99
67) Ethyl Benzene	11.593	91	110831	20.526	ug/l	100
68) m/p-Xylenes	11.703	106	87791	42.265	ug/l	98
69) o-Xylene	12.026	106	40684	20.987	ug/l	97
70) Styrene	12.038	104	68941	21.311	ug/l	99
71) Bromoform	12.203	173	16491	22.257	ug/l #	100
73) Isopropylbenzene	12.325	105	108646	19.465	ug/l	99
74) N-amyl acetate	12.142	43	35579	20.260	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	26972	21.497	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	18058m	19.201	ug/l	
77) Bromobenzene	12.605	156	27105	19.990	ug/l	99
78) n-propylbenzene	12.666	91	134886	19.602	ug/l	99
79) 2-Chlorotoluene	12.751	91	76077	19.892	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	91386	19.840	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	9205	20.280	ug/l	99
82) 4-Chlorotoluene	12.849	91	78767	19.896	ug/l	99
83) tert-Butylbenzene	13.075	119	79621	20.027	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	90178	20.021	ug/l	99
85) sec-Butylbenzene	13.251	105	120151	19.810	ug/l	100
86) p-Isopropyltoluene	13.367	119	99811	20.135	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	53805	20.574	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	54460	20.404	ug/l	99
89) n-Butylbenzene	13.696	91	92763	19.548	ug/l	99
90) Hexachloroethane	13.959	117	20626	19.978	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	49182	20.805	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	4422	21.807	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	25246	17.345	ug/l	99
94) Hexachlorobutadiene	15.111	225	16642	18.746	ug/l	99
95) Naphthalene	15.233	128	53067	18.194	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	23951	18.502	ug/l	98

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MSVOA_Y
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VY0323SBS01

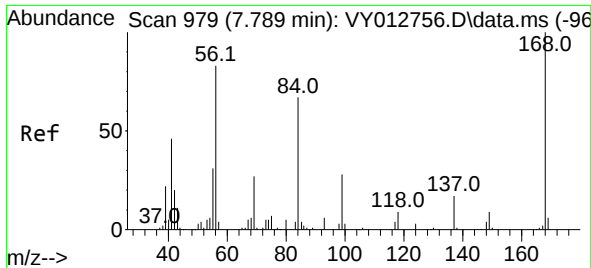
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/24/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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



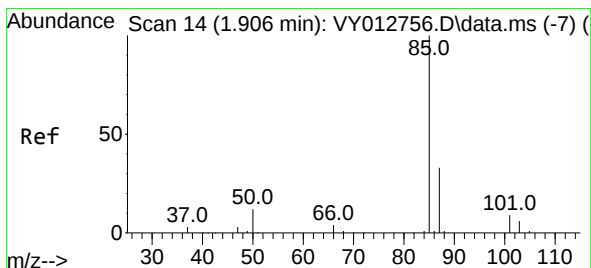
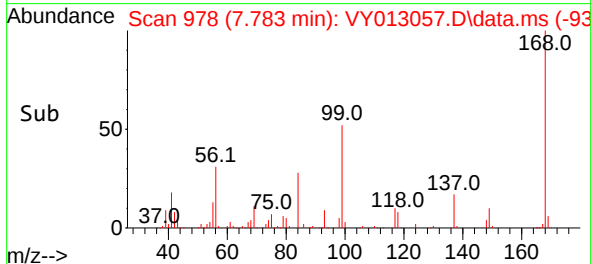
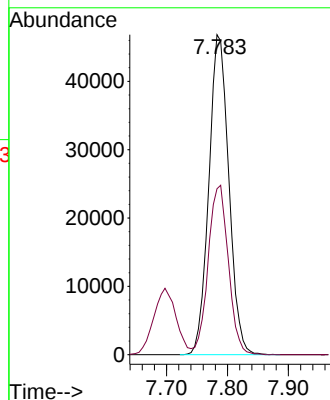
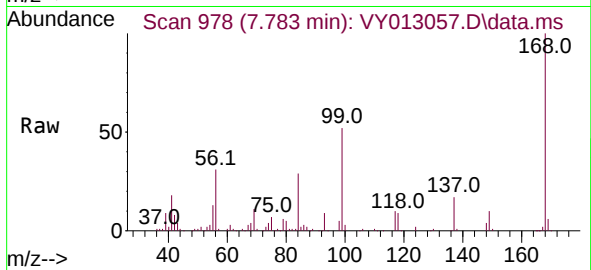
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion:168 Resp: 10662
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5

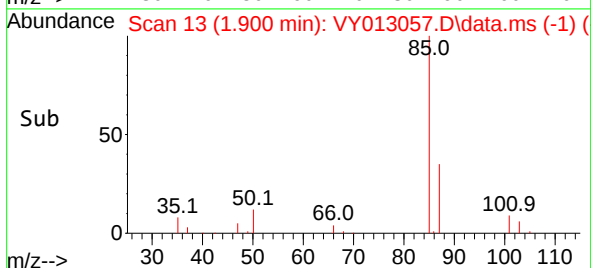
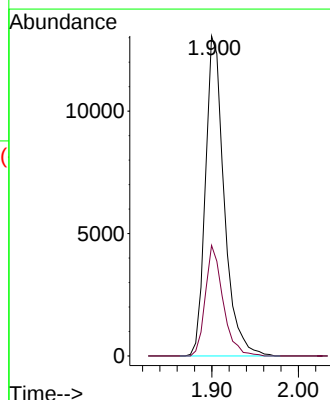
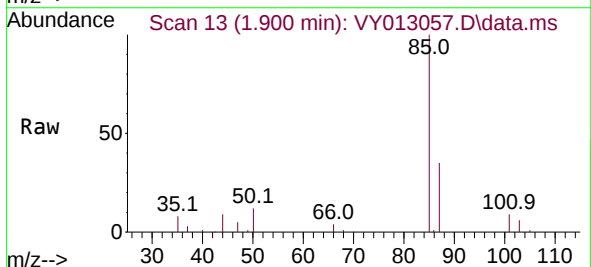
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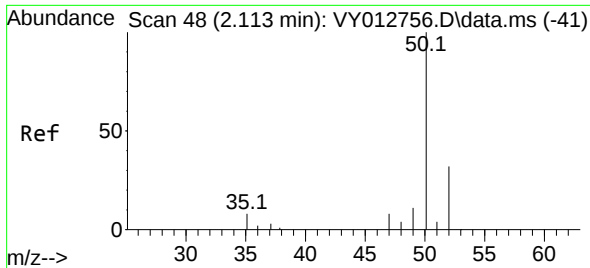
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#2
Dichlorodifluoromethane
Concen: 18.697 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion: 85 Resp: 19649
Ion Ratio Lower Upper
85 100
87 34.6 16.7 50.0





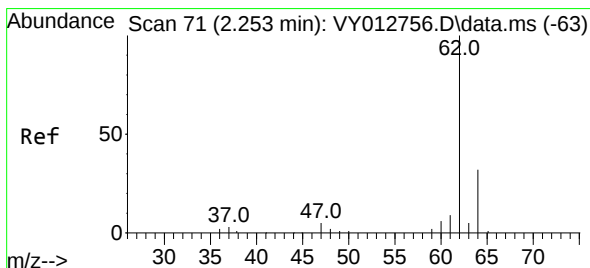
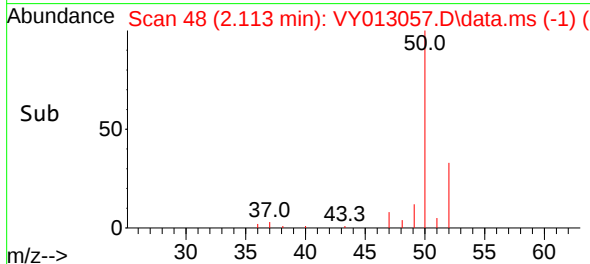
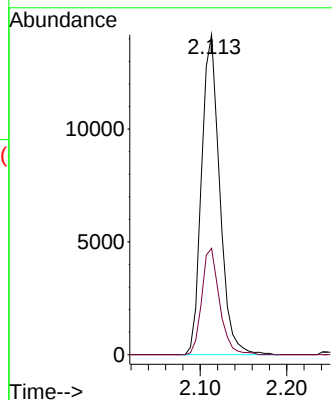
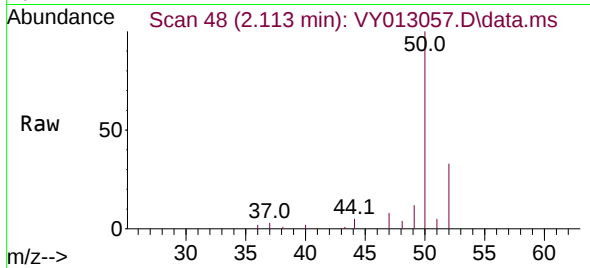
#3
Chloromethane
Concen: 16.431 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
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VY0323SBS01

Tgt Ion: 50 Resp: 2064
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0

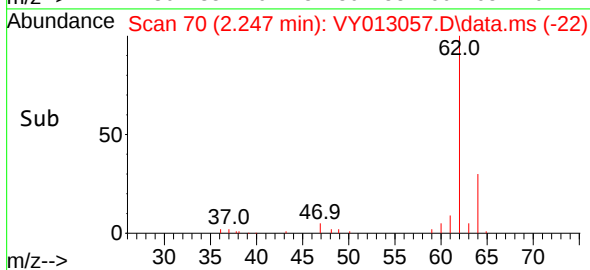
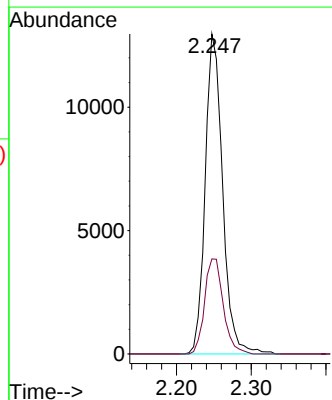
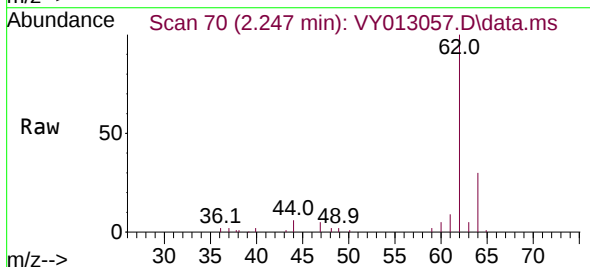
Manual Integrations
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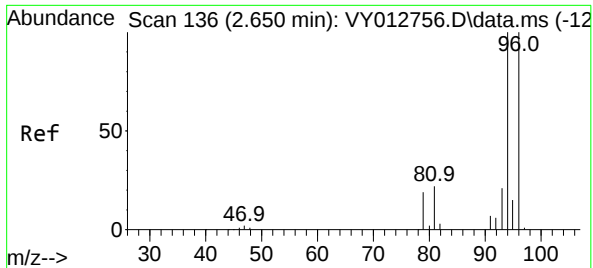
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#4
Vinyl Chloride
Concen: 18.212 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion: 62 Resp: 20982
Ion Ratio Lower Upper
62 100
64 29.7 25.6 38.4





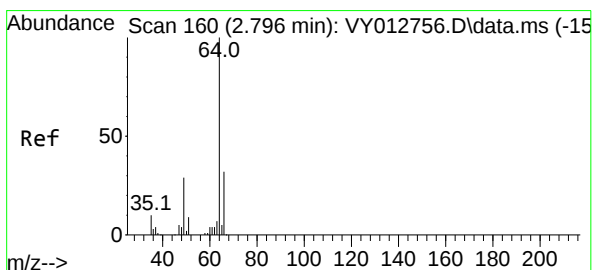
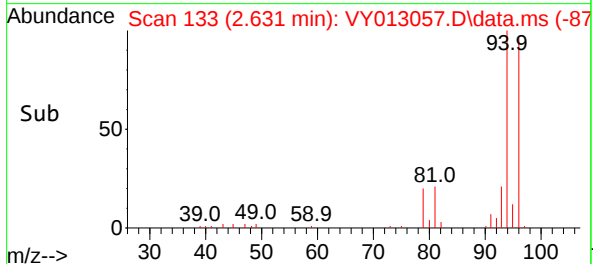
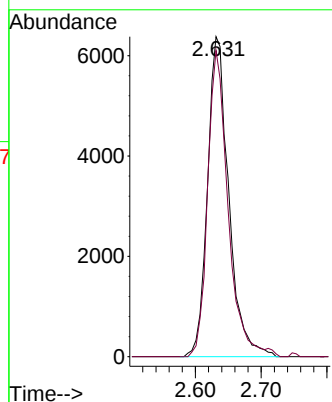
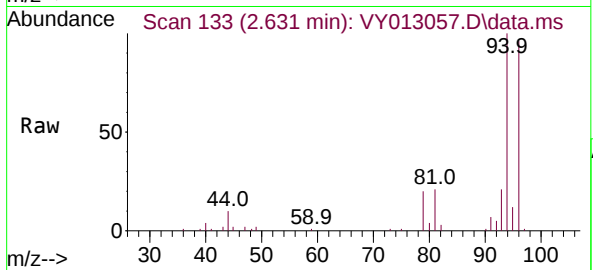
#5
Bromomethane
Concen: 20.455 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
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Tgt Ion: 94 Resp: 14319
Ion Ratio Lower Upper
94 100
96 95.7 80.3 120.5

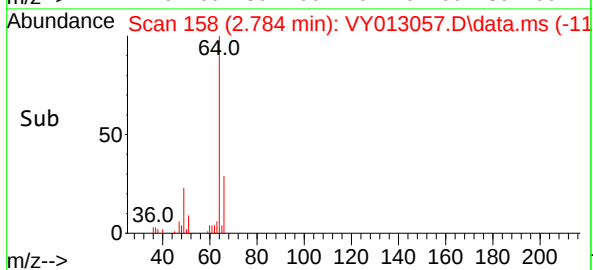
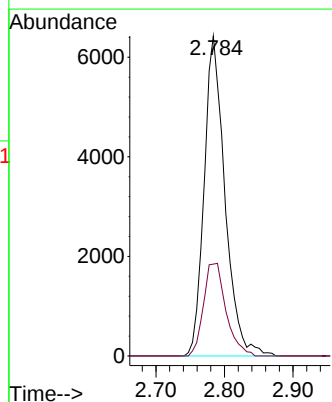
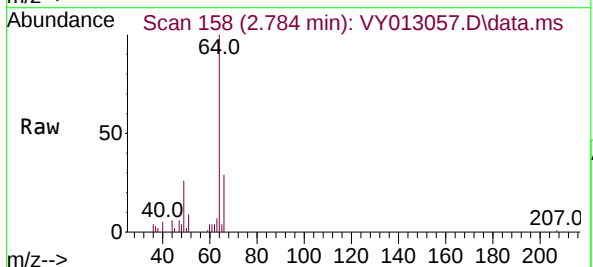
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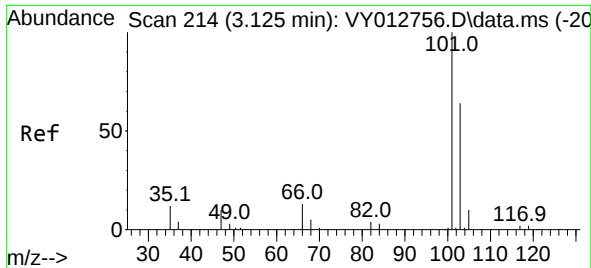
Reviewed By :Krupa Patel 03/24/2023
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#6
Chloroethane
Concen: 19.682 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY013057.D
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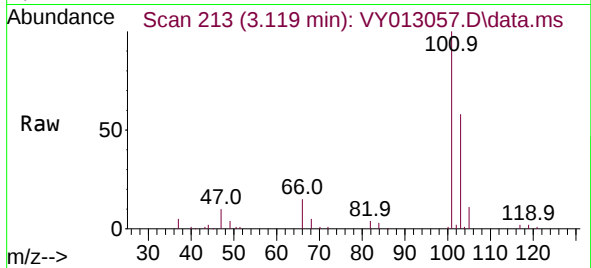
Tgt Ion: 64 Resp: 13580
Ion Ratio Lower Upper
64 100
66 28.7 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 19.104 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013057.D
 Acq: 23 Mar 2023 13:11

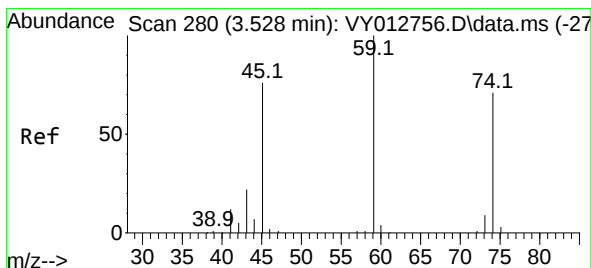
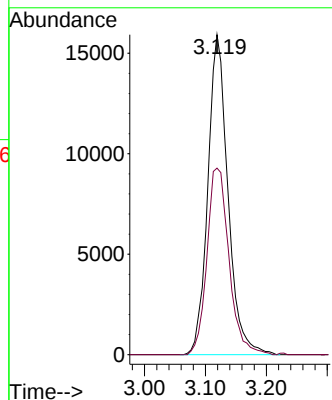
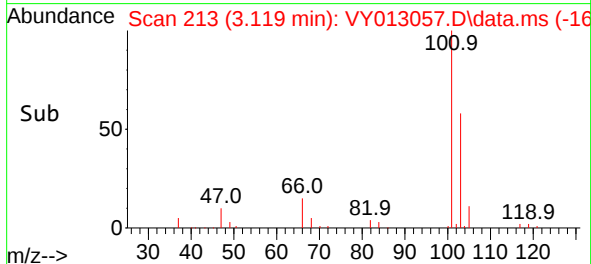
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0323SBS01



Tgt Ion:101 Resp: 3655
 Ion Ratio Lower Upper
 101 100
 103 58.3 51.5 77.3

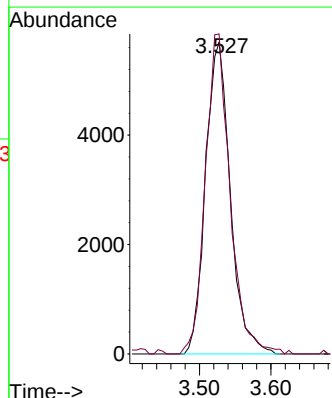
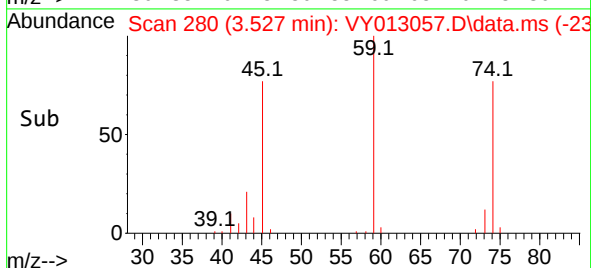
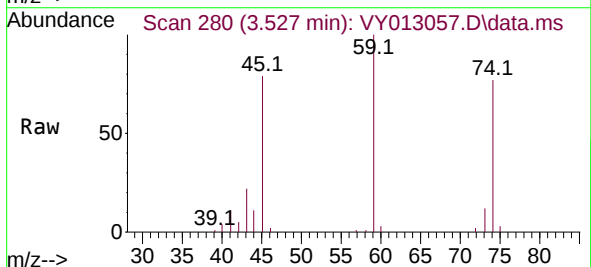
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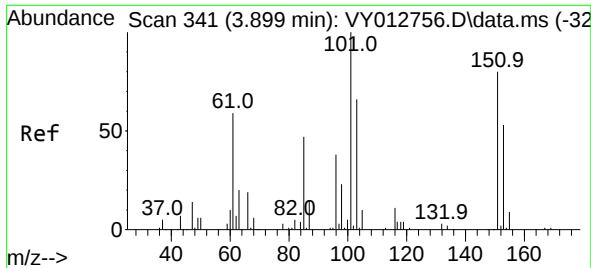
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023



#8
 Diethyl Ether
 Concen: 20.507 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY013057.D
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Tgt Ion: 74 Resp: 13751
 Ion Ratio Lower Upper
 74 100
 45 102.2 52.1 156.4





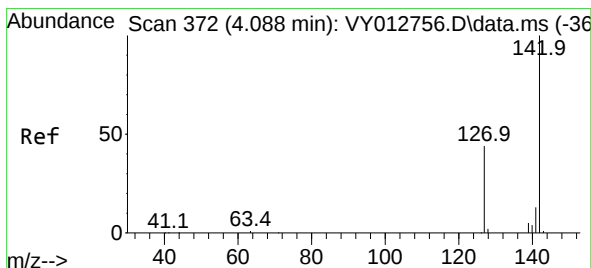
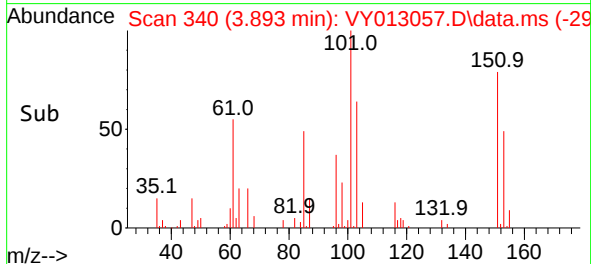
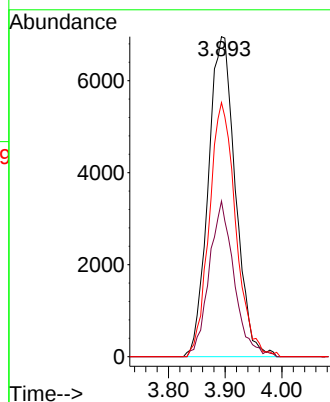
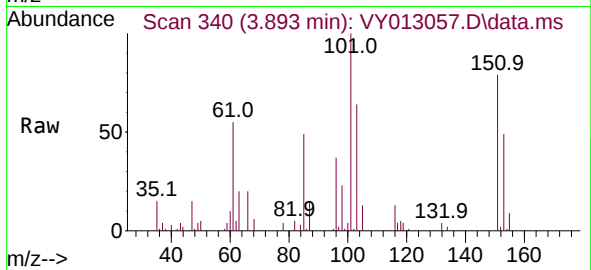
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.138 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion:101 Resp: 2318
Ion Ratio Lower Upper
101 100
85 44.5 35.3 52.9
151 77.5 63.1 94.7

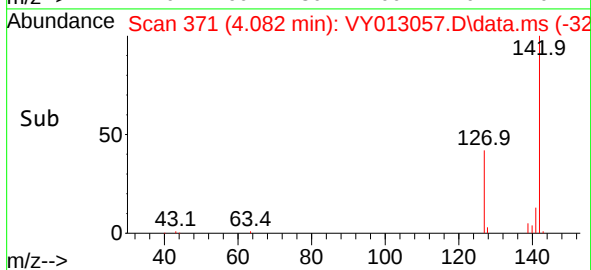
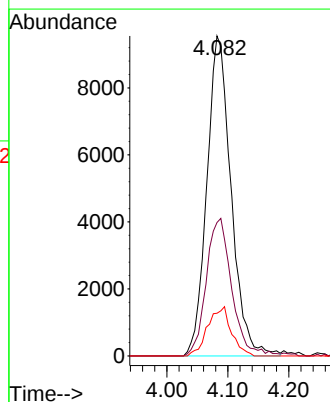
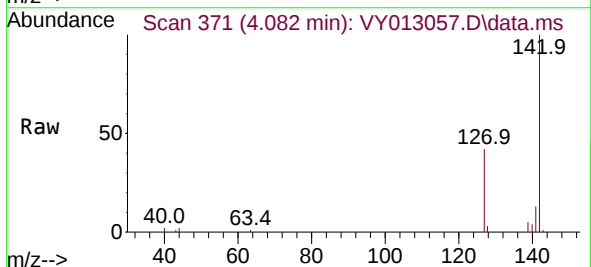
Manual Integrations
APPROVED

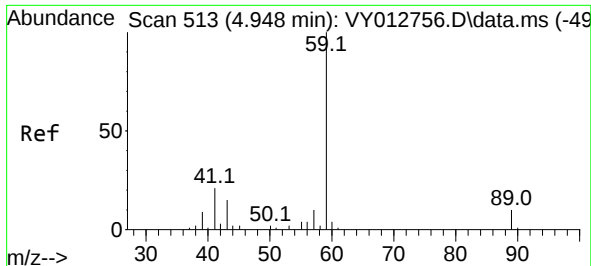
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#10
Methyl Iodide
Concen: 17.618 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion:142 Resp: 26427
Ion Ratio Lower Upper
142 100
127 45.1 35.4 53.2
141 14.9 11.3 16.9





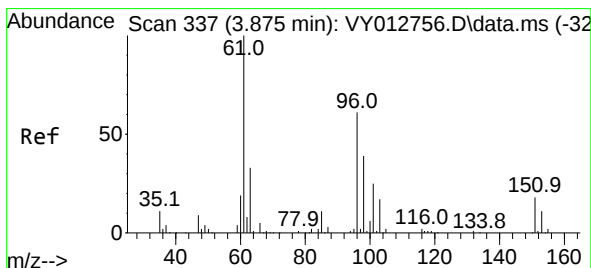
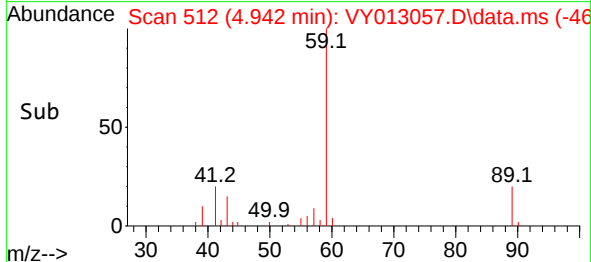
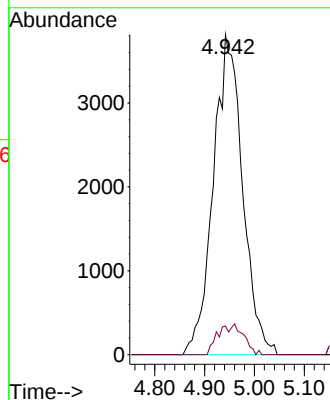
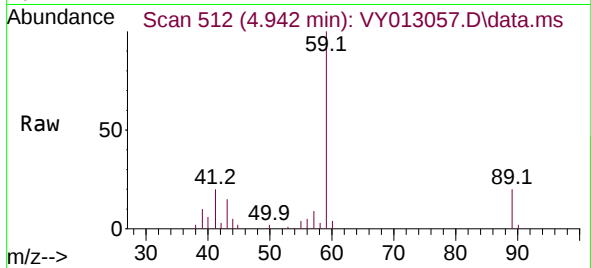
#11
Tert butyl alcohol
Concen: 117.093 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion: 59 Resp: 1556
Ion Ratio Lower Upper
59 100
57 4.0 7.7 11.5

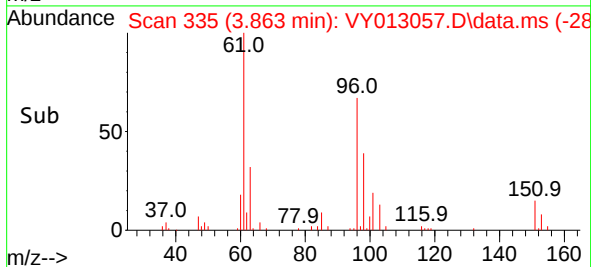
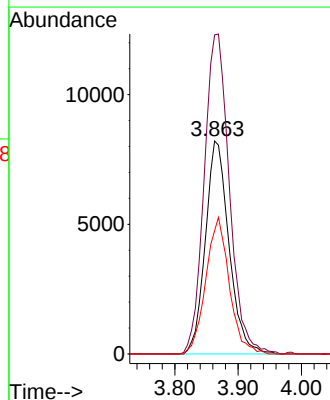
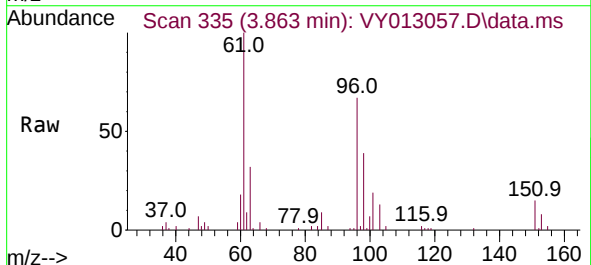
Manual Integrations
APPROVED

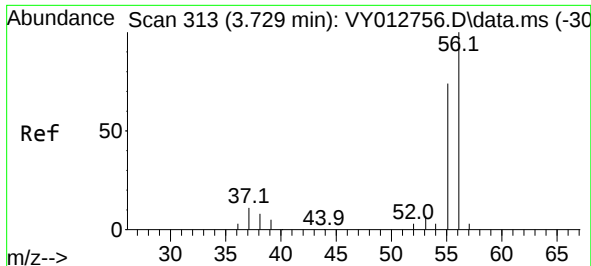
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#12
1,1-Dichloroethene
Concen: 19.434 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion: 96 Resp: 21338
Ion Ratio Lower Upper
96 100
61 149.8 131.7 197.5
98 57.8 52.0 78.0





#13

Acrolein

Concen: 67.186 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0323SBS01

Tgt Ion: 56 Resp: 1246

Ion Ratio Lower Upper

56 100

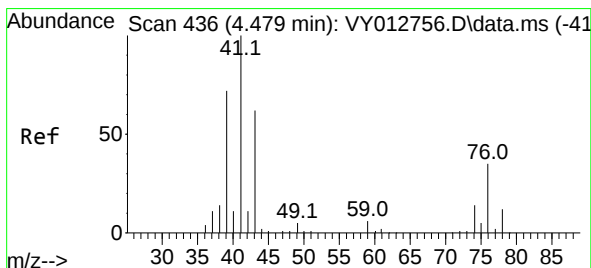
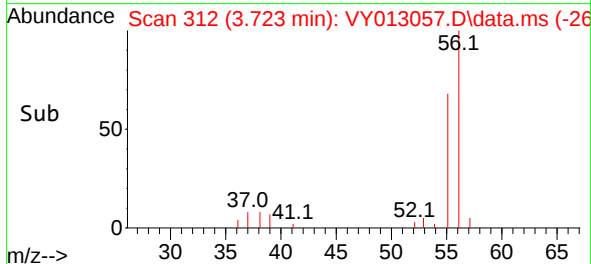
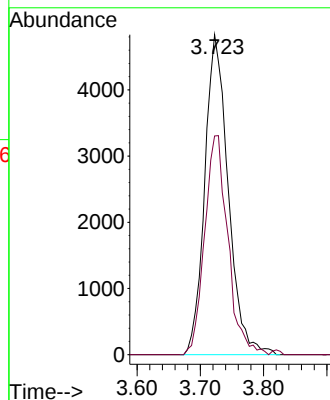
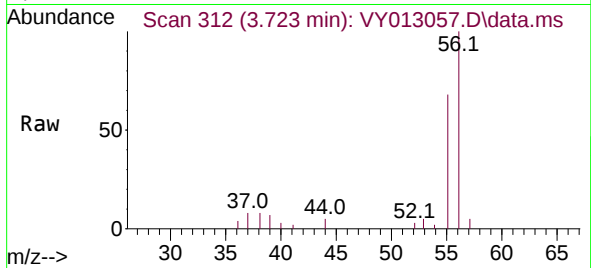
55 67.9 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#14

Allyl chloride

Concen: 18.456 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.007 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

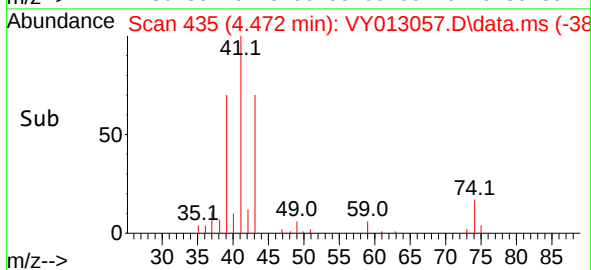
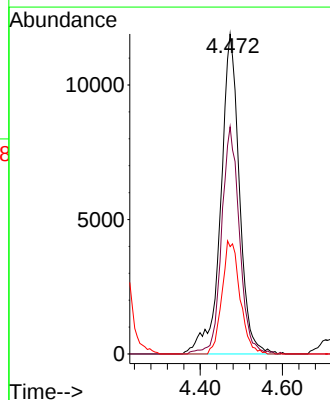
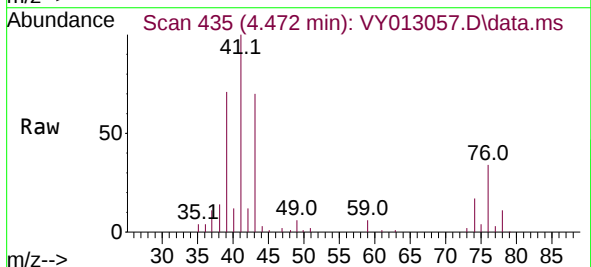
Tgt Ion: 41 Resp: 37431

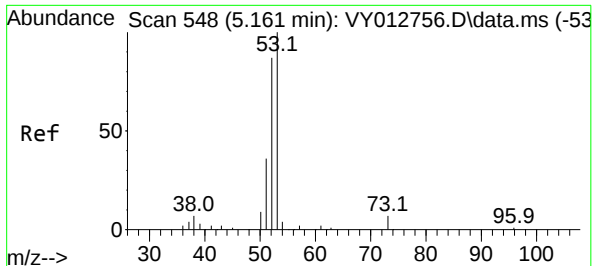
Ion Ratio Lower Upper

41 100

39 68.0 53.6 80.4

76 34.1 27.2 40.8





#15

Acrylonitrile

Concen: 108.522 ug/l

RT: 5.161 min Scan# 548

Delta R.T. 0.000 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0323SBS01

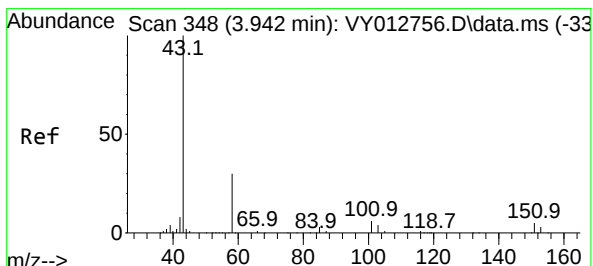
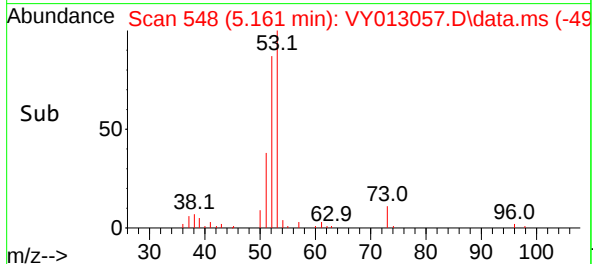
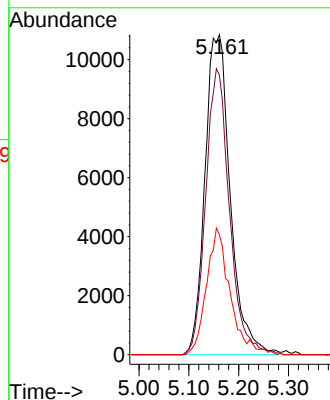
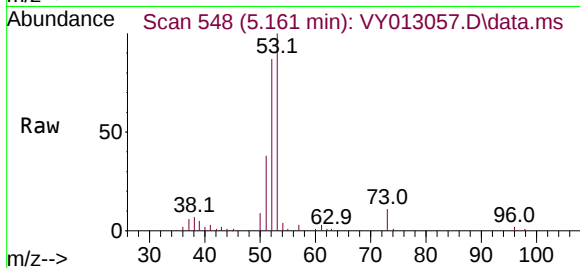
Tgt Ion: 53	Resp: 3834
Ion Ratio	Lower Upper
53 100	
52 83.8	66.3 99.5
51 36.9	28.8 43.2

Manual Integrations

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Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#16

Acetone

Concen: 102.297 ug/l

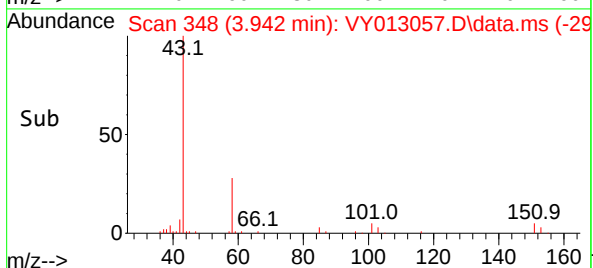
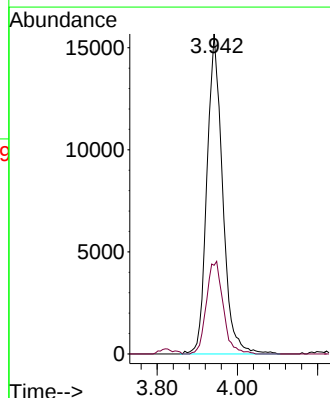
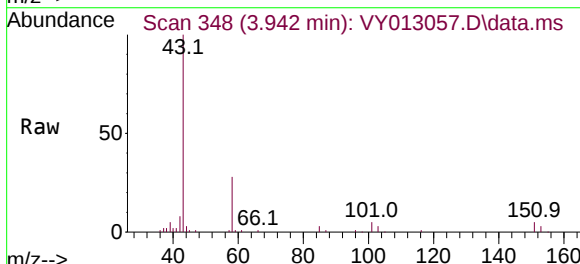
RT: 3.942 min Scan# 348

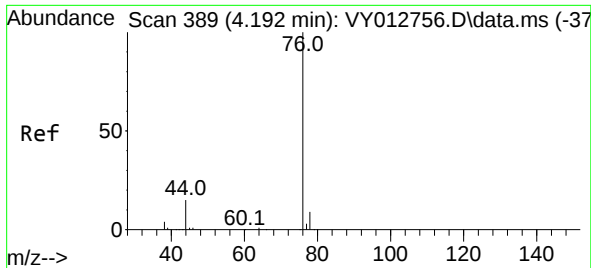
Delta R.T. 0.000 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Tgt Ion: 43	Resp: 42506
Ion Ratio	Lower Upper
43 100	
58 27.7	24.2 36.2





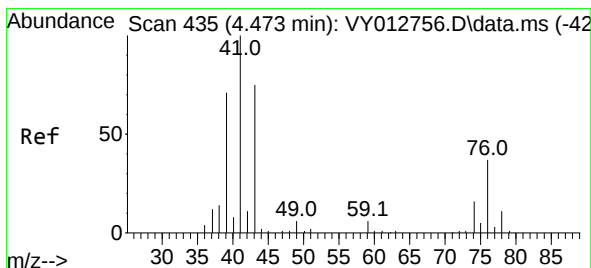
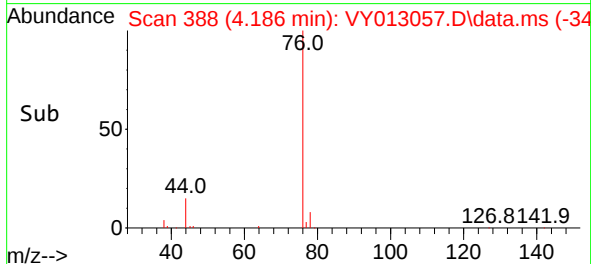
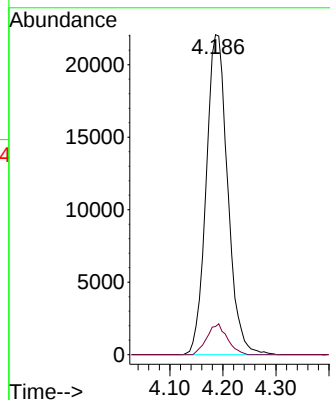
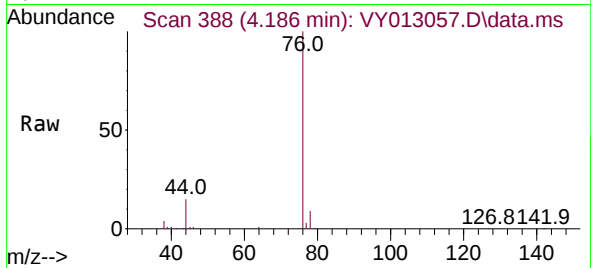
#17
Carbon Disulfide
Concen: 16.599 ug/l
RT: 4.186 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion: 76 Resp: 62035
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

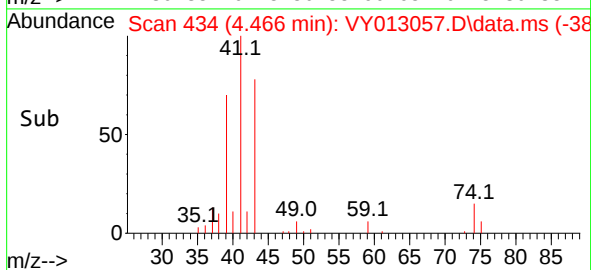
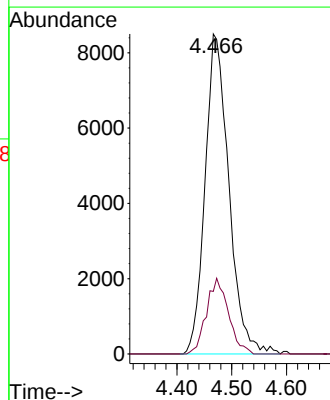
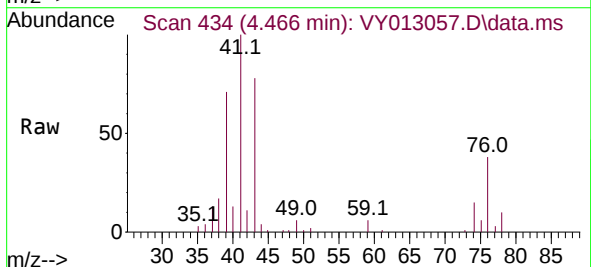
Manual Integrations
APPROVED

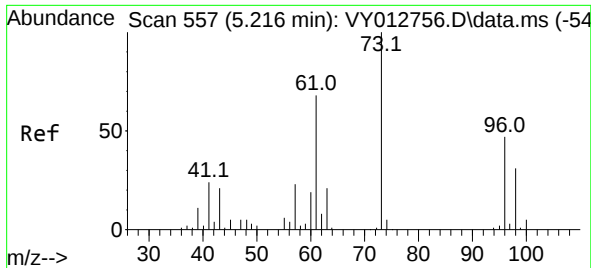
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#18
Methyl Acetate
Concen: 20.704 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion: 43 Resp: 25619
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0





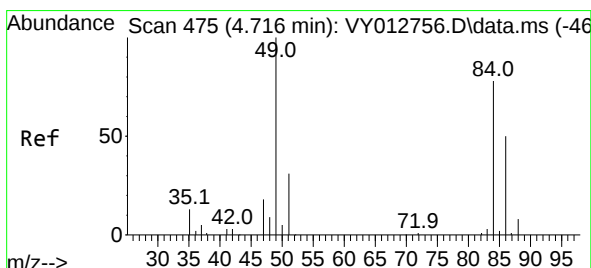
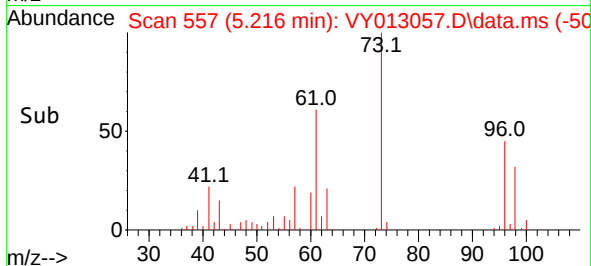
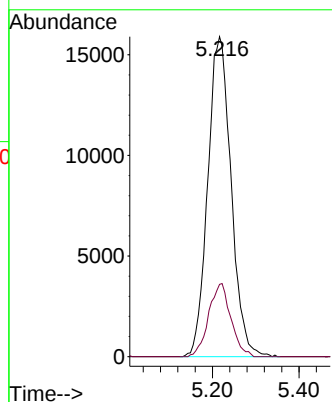
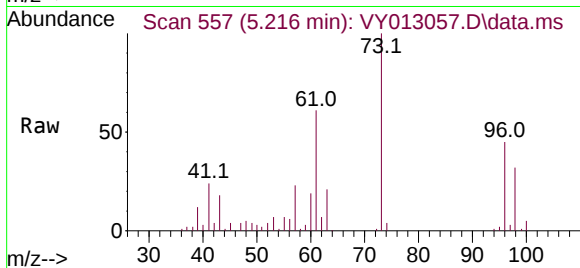
#19
Methyl tert-butyl Ether
Concen: 20.976 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion: 73 Resp: 59489
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5

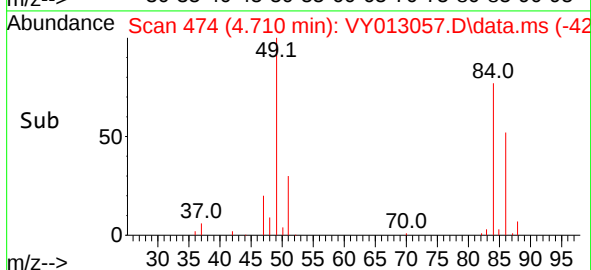
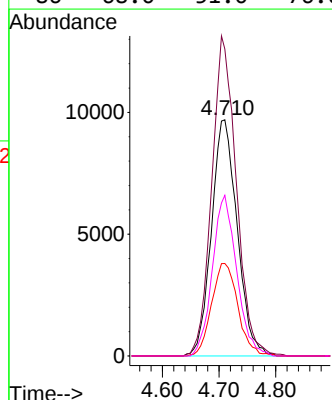
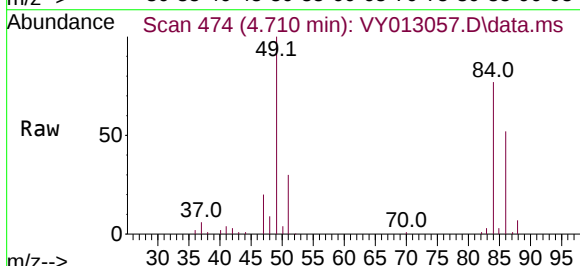
Manual Integrations
APPROVED

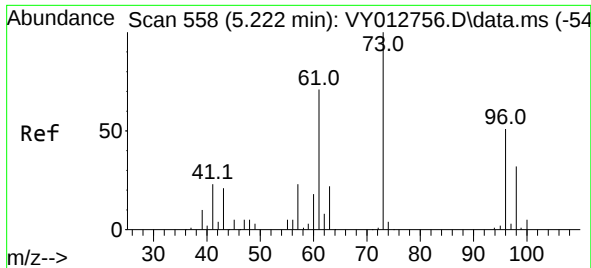
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#20
Methylene Chloride
Concen: 20.980 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

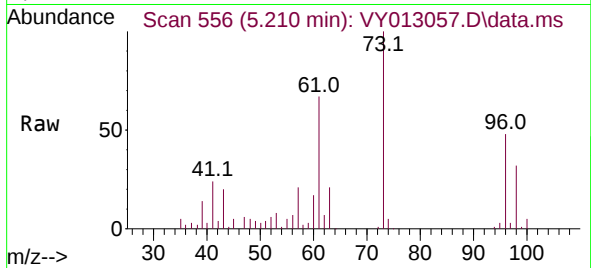
Tgt Ion: 84 Resp: 30556
Ion Ratio Lower Upper
84 100
49 130.0 102.6 154.0
51 39.2 31.9 47.9
86 68.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.639 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

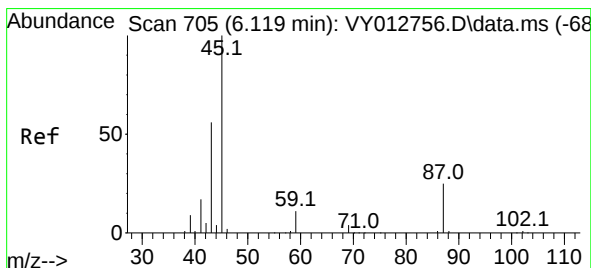
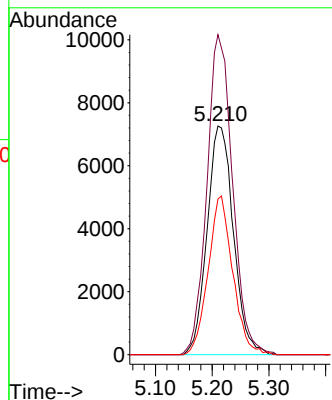
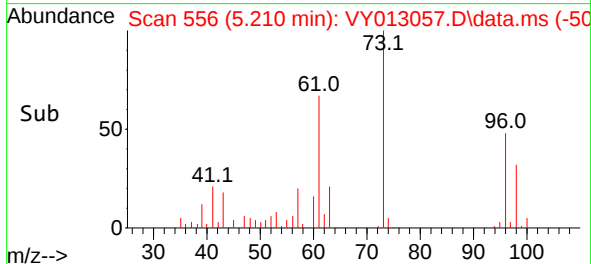
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01



Tgt Ion: 96 Resp: 2343
Ion Ratio Lower Upper
96 100
61 140.0 111.4 167.0
98 68.1 50.8 76.2

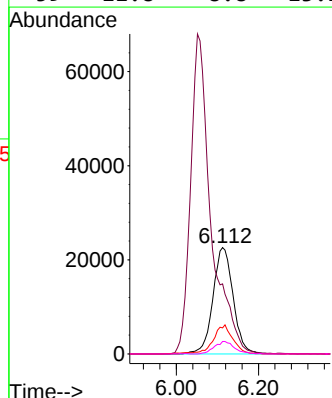
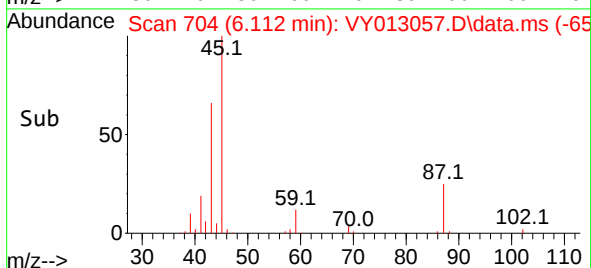
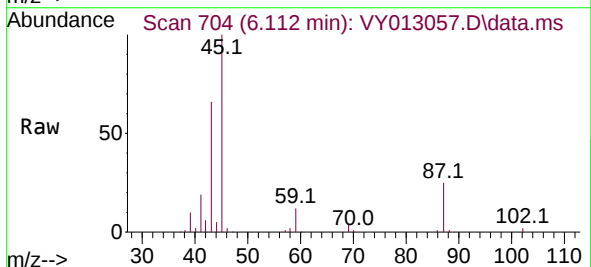
Manual Integrations
APPROVED

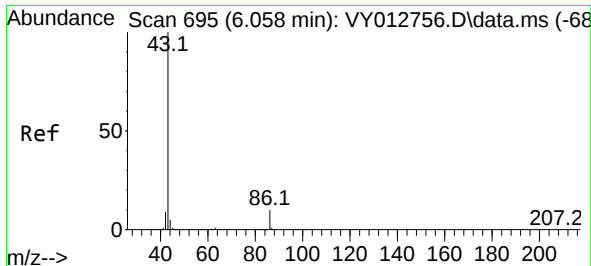
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#22
Diisopropyl ether
Concen: 20.950 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

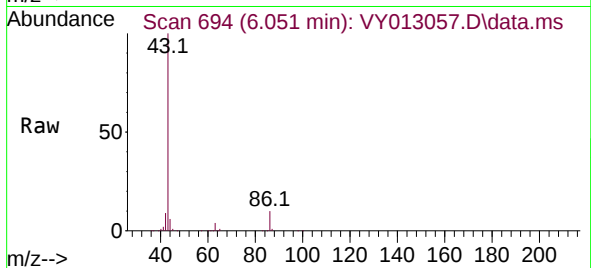
Tgt Ion: 45 Resp: 77175
Ion Ratio Lower Upper
45 100
43 65.2 45.0 67.6
87 24.6 20.3 30.5
59 11.8 8.8 13.2





#23
 Vinyl Acetate
 Concen: 102.413 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.007 min
 Lab File: VY013057.D
 Acq: 23 Mar 2023 13:11

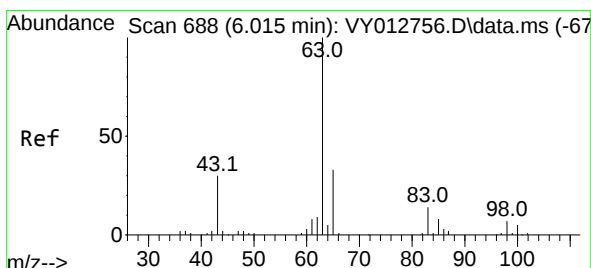
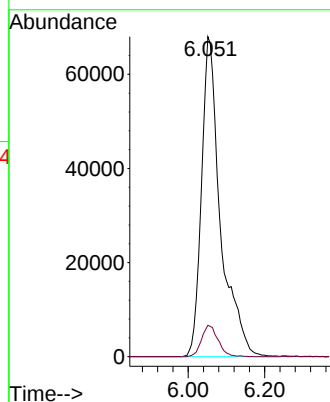
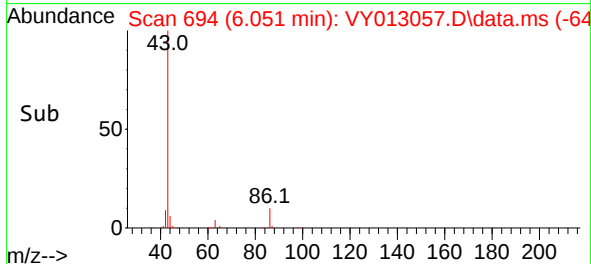
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0323SBS01



Tgt Ion: 43 Resp: 234408
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

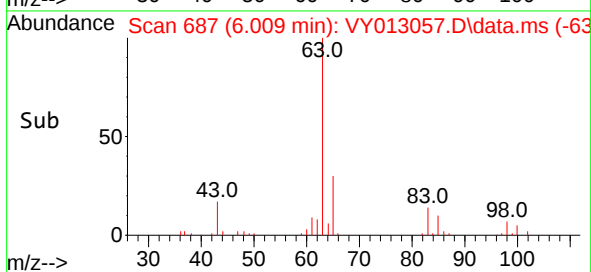
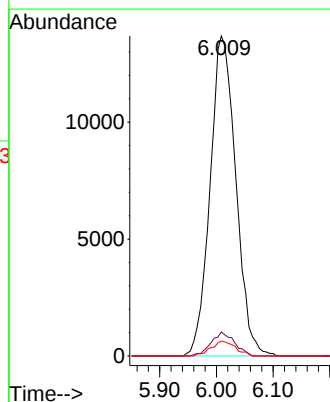
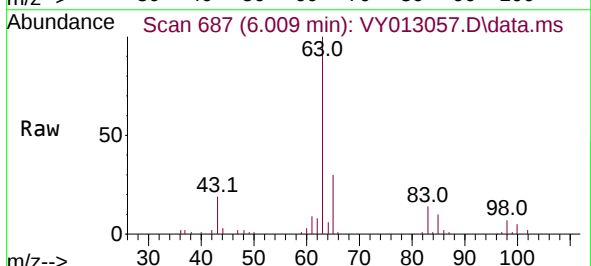
Manual Integrations
 APPROVED

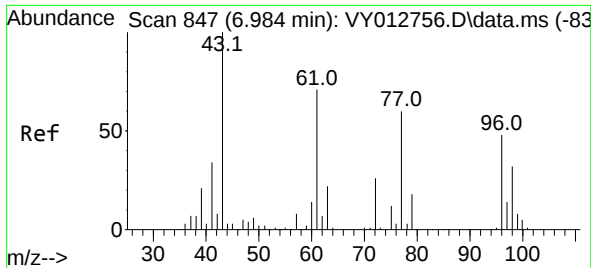
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023



#24
 1,1-Dichloroethane
 Concen: 20.548 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013057.D
 Acq: 23 Mar 2023 13:11

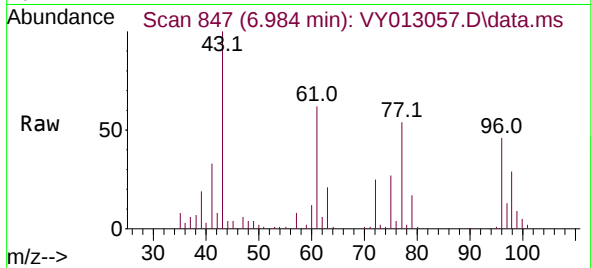
Tgt Ion: 63 Resp: 43132
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.7 11.1
 100 4.7 2.3 6.8





#25
2-Butanone
Concen: 110.455 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

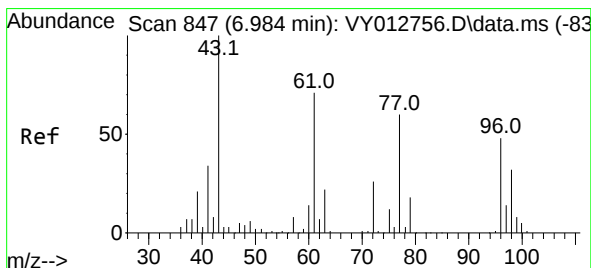
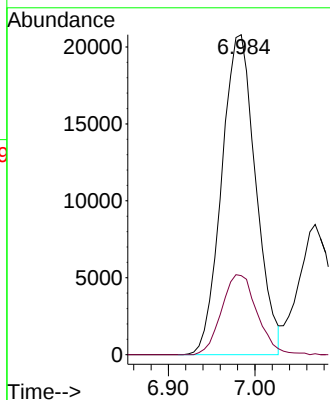
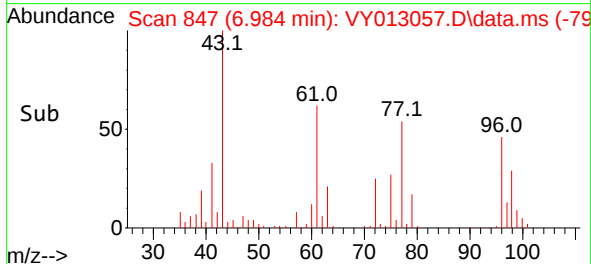
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01



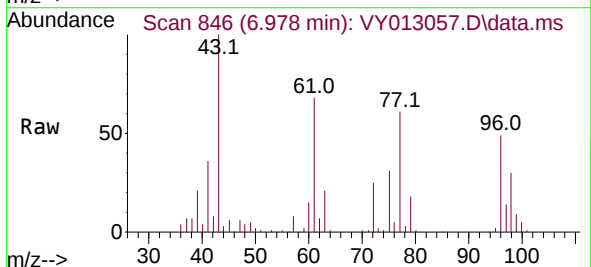
Tgt Ion: 43 Resp: 5684
Ion Ratio Lower Upper
43 100
72 24.7 21.0 31.4

Manual Integrations
APPROVED

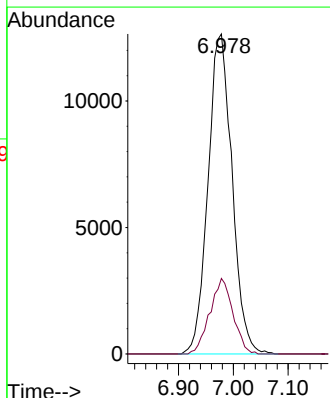
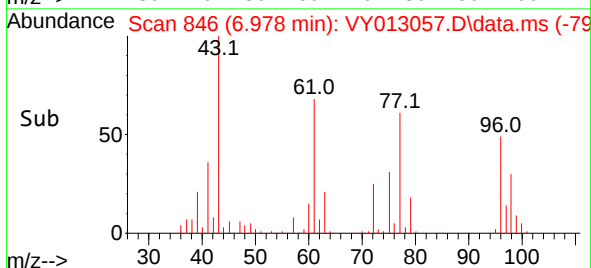
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023

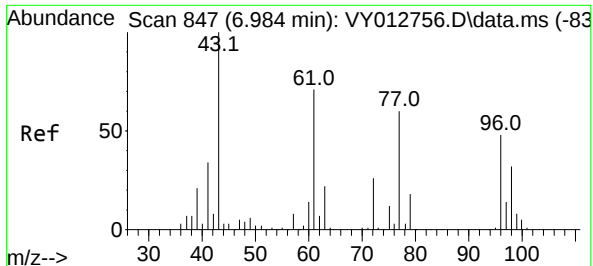


#26
2,2-Dichloropropane
Concen: 20.651 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11



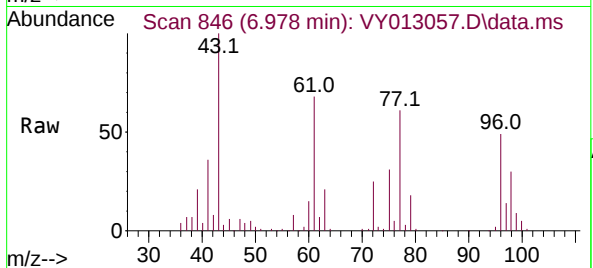
Tgt Ion: 77 Resp: 38501
Ion Ratio Lower Upper
77 100
97 22.7 11.7 35.0





#27
cis-1,2-Dichloroethene
Concen: 21.239 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

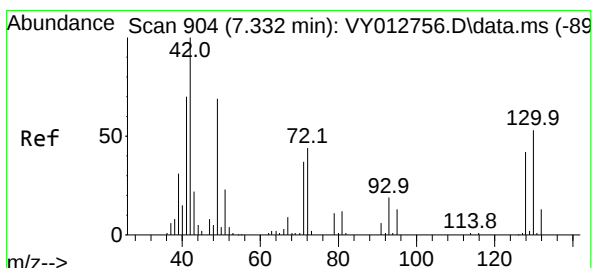
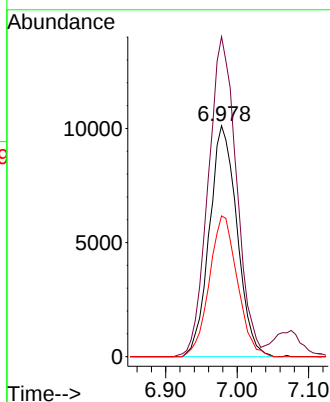
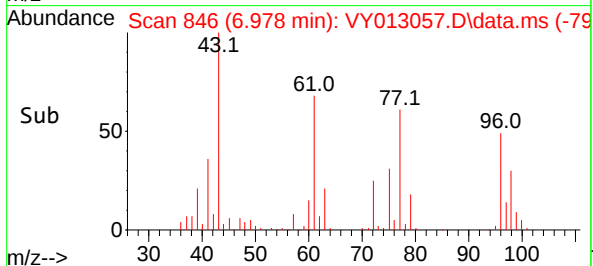
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01



Tgt Ion: 96 Resp: 27170
Ion Ratio Lower Upper
96 100
61 141.7 0.0 295.8
98 61.9 0.0 130.2

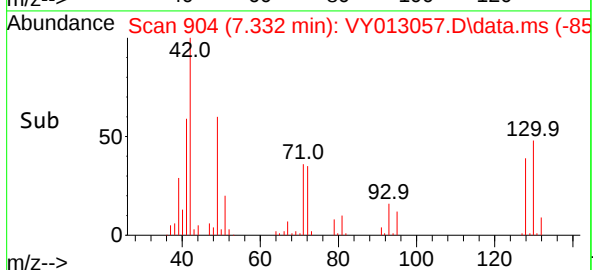
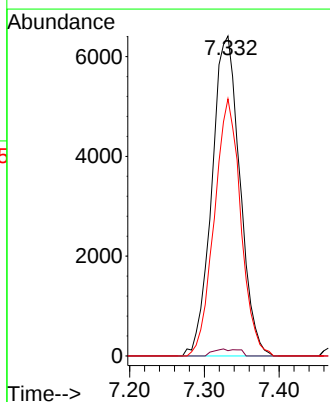
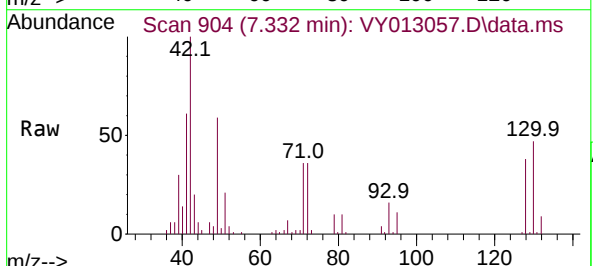
Manual Integrations
APPROVED

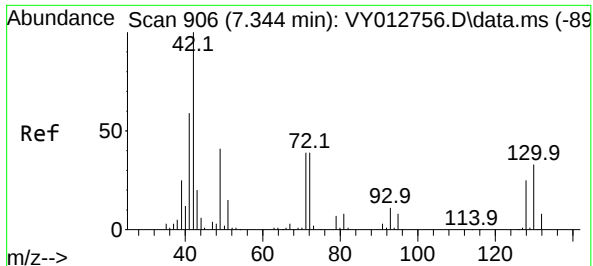
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#28
Bromochloromethane
Concen: 21.809 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion: 49 Resp: 16730
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.2
130 75.8 60.5 90.7





#29

Tetrahydrofuran

Concen: 111.242 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0323SBS01

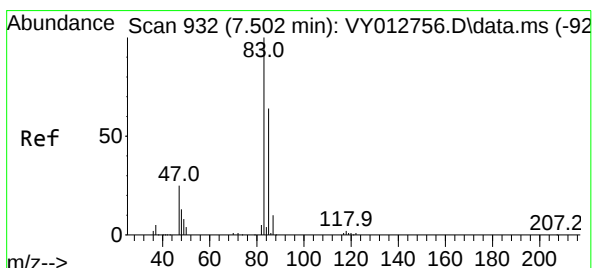
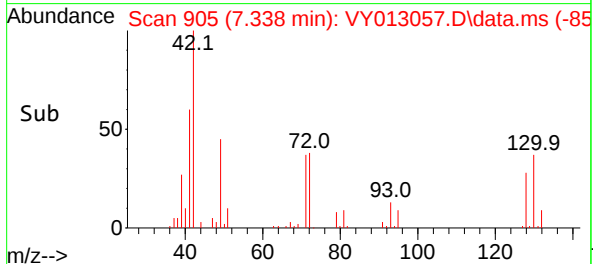
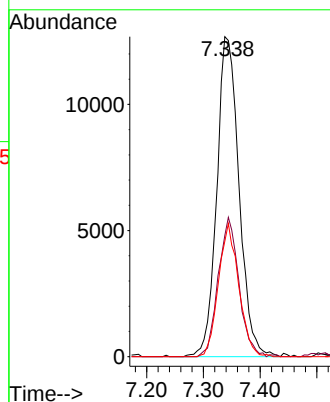
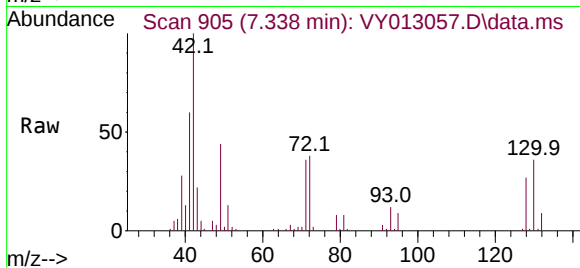
Tgt Ion: 42	Resp: 34529
Ion Ratio	Lower Upper
42	100
72	40.3 32.3 48.5
71	37.9 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#30

Chloroform

Concen: 21.778 ug/l

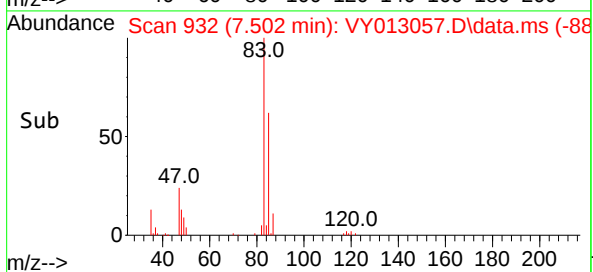
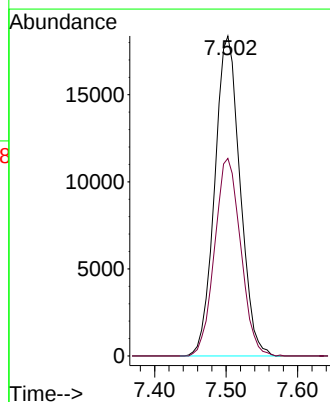
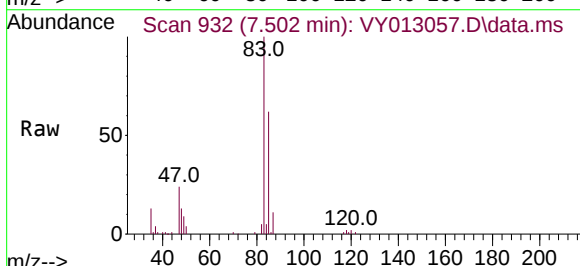
RT: 7.502 min Scan# 932

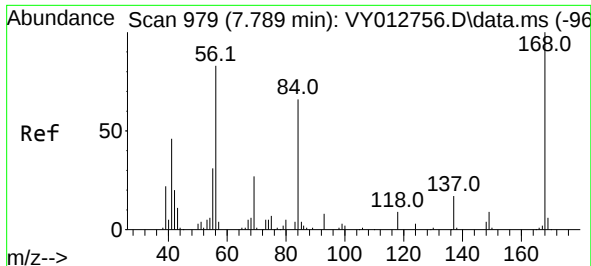
Delta R.T. 0.000 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

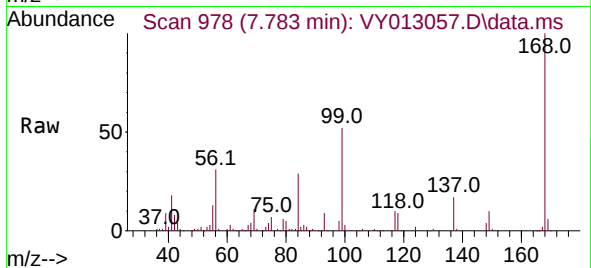
Tgt Ion: 83	Resp: 45155
Ion Ratio	Lower Upper
83	100
85	61.8 51.4 77.0





#31
Cyclohexane
Concen: 17.834 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

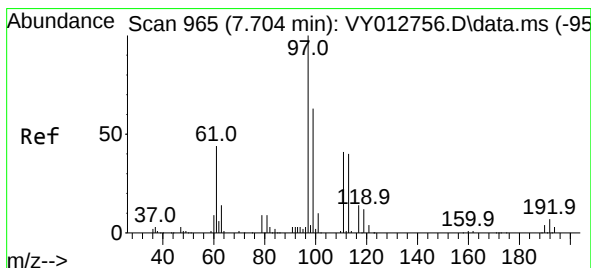
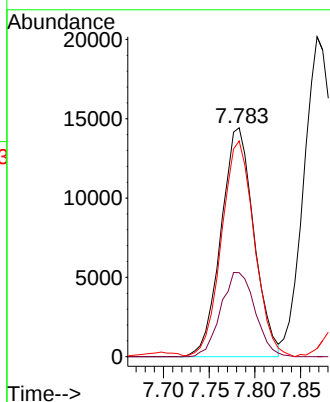
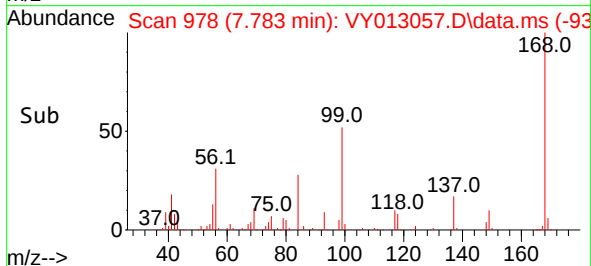
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01



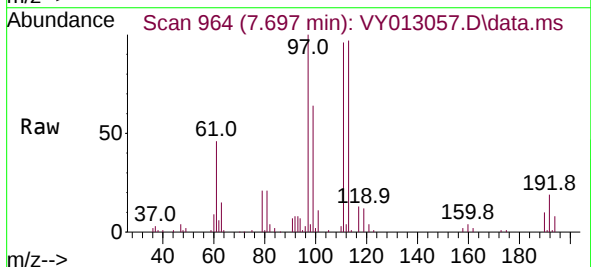
Tgt Ion: 56 Resp: 36158
Ion Ratio Lower Upper
56 100
69 36.7 25.7 38.5
84 92.9 64.3 96.5

Manual Integrations
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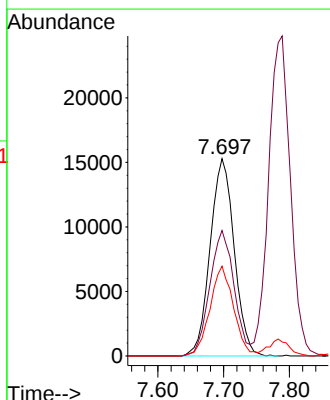
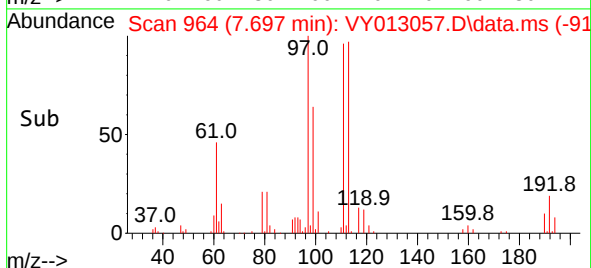
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023

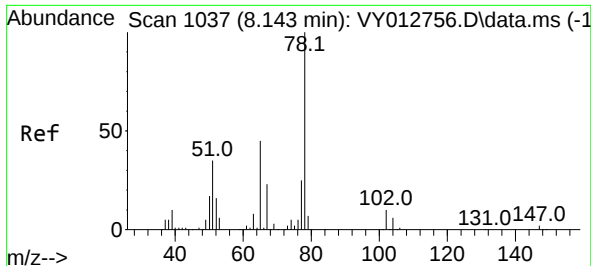


#32
1,1,1-Trichloroethane
Concen: 20.761 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11



Tgt Ion: 97 Resp: 38927
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 44.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 54.336 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0323SBS01

Tgt Ion: 65 Resp: 5752

Ion Ratio Lower Upper

65 100

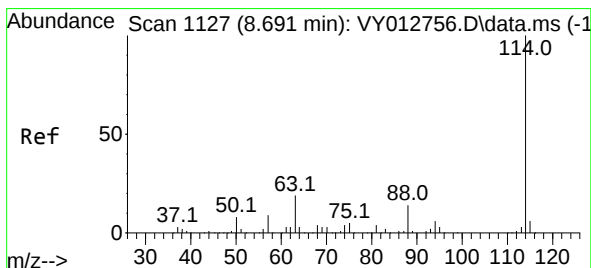
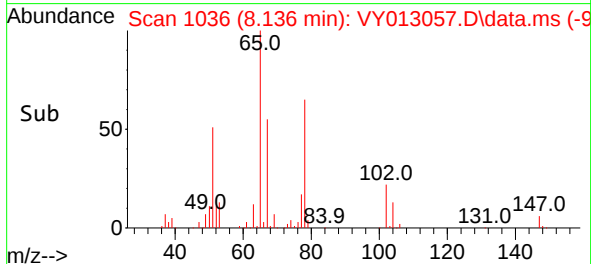
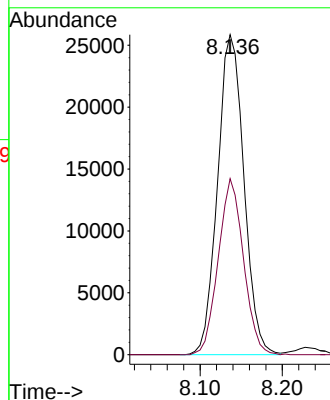
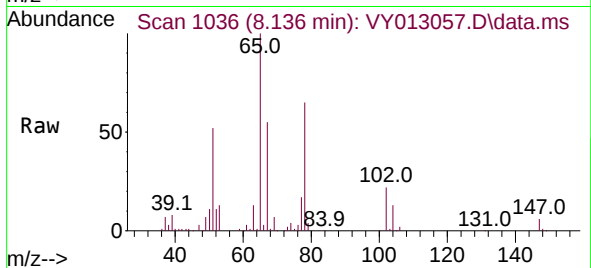
67 52.7 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

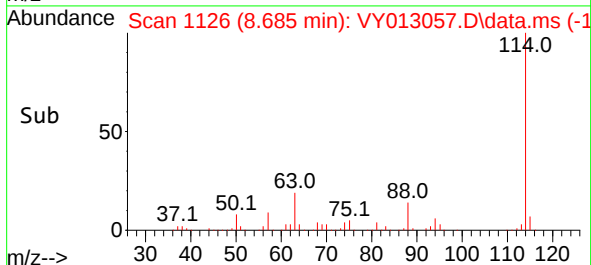
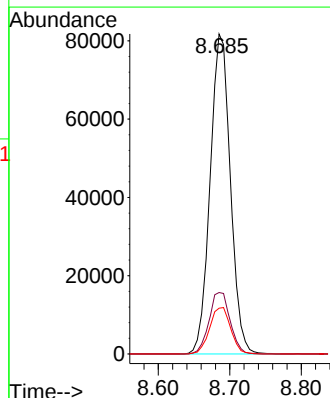
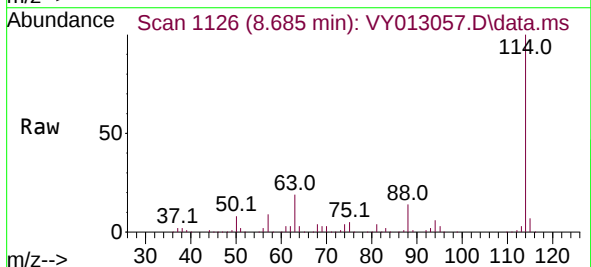
Tgt Ion:114 Resp: 160661

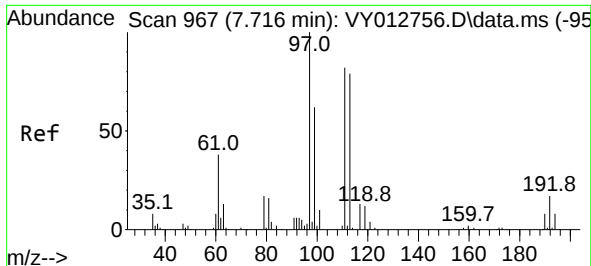
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

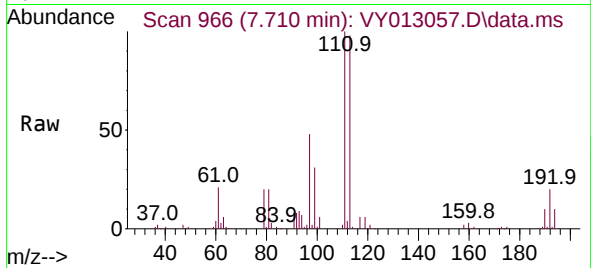
88 14.3 0.0 28.6





#35
Dibromofluoromethane
Concen: 60.245 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

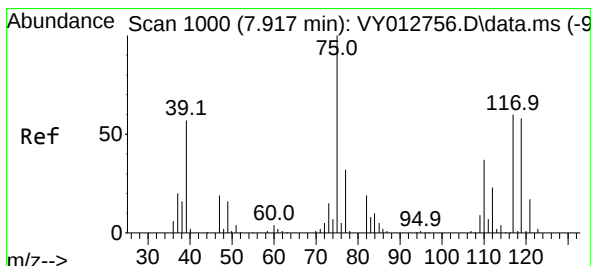
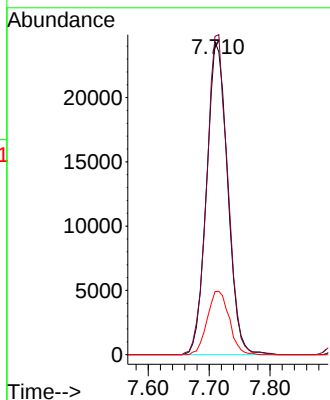
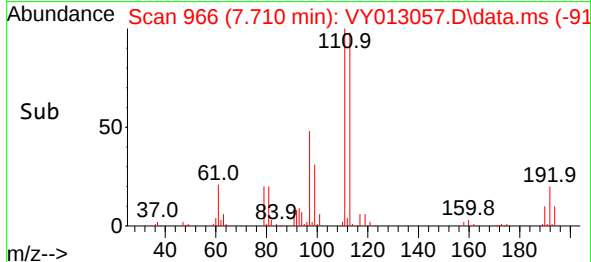
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01



Tgt Ion:113 Resp: 5841
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 21.1 16.8 25.2

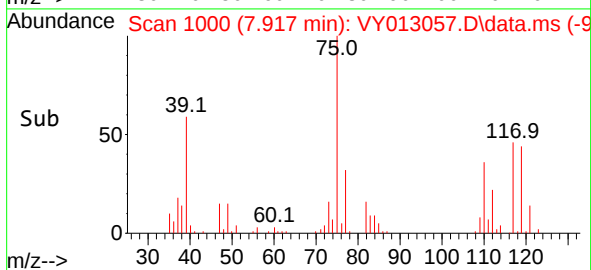
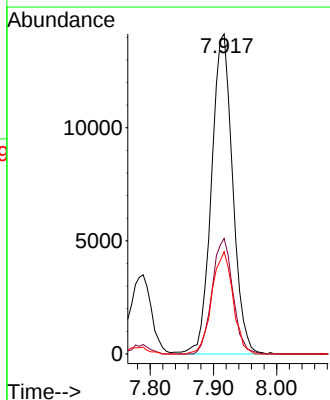
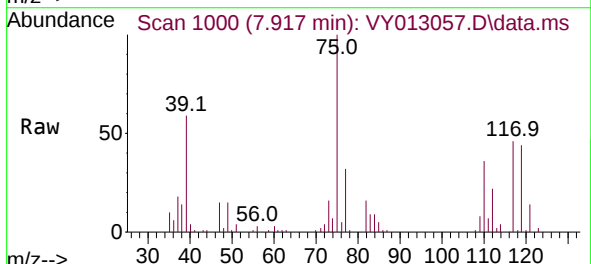
Manual Integrations
APPROVED

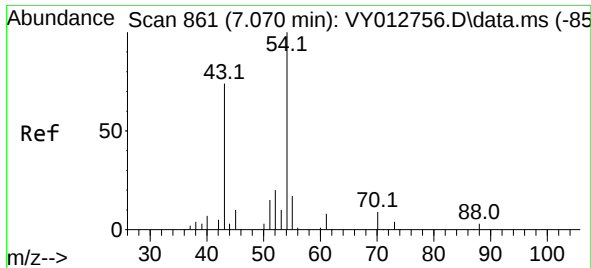
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#36
1,1-Dichloropropene
Concen: 20.207 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion: 75 Resp: 32833
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.3
77 32.0 25.0 37.4





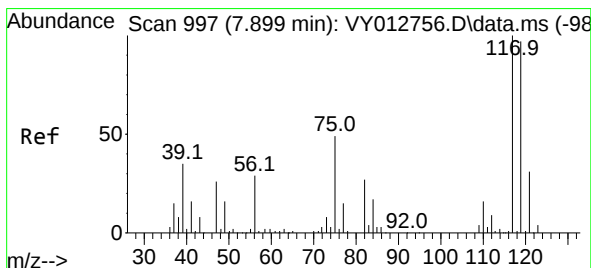
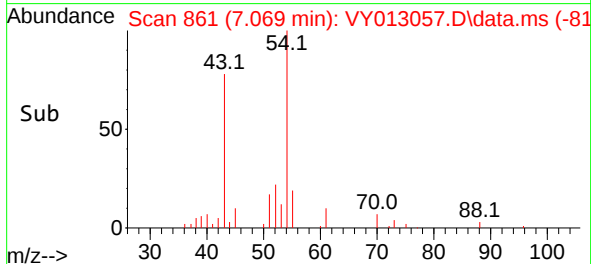
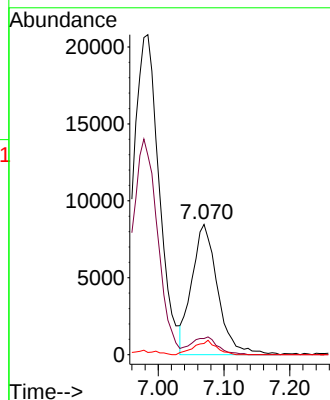
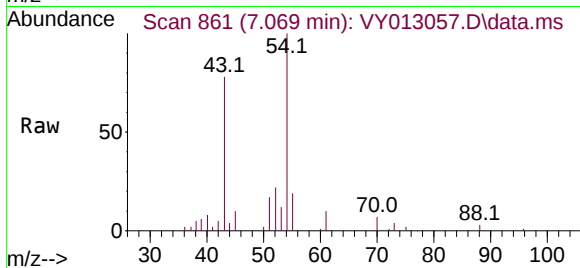
#37
Ethyl Acetate
Concen: 22.632 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 9.2 7.8 11.8

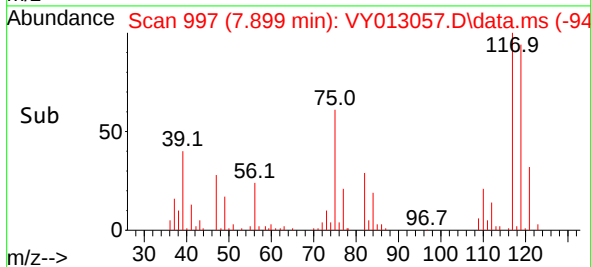
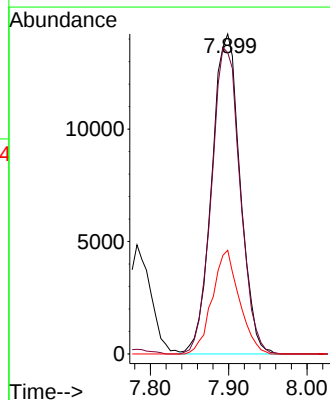
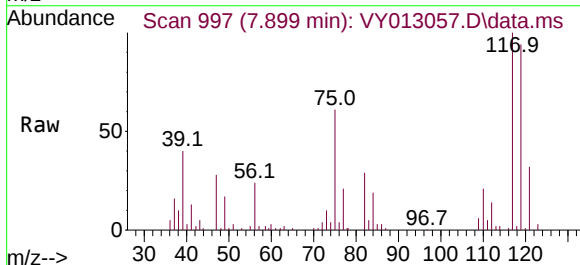
Manual Integrations
APPROVED

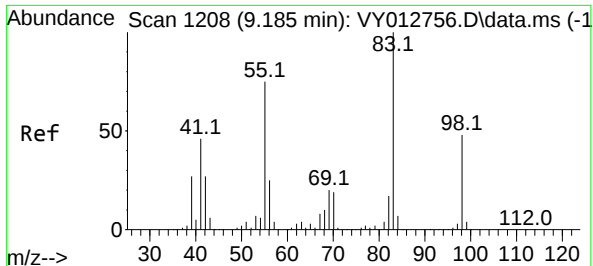
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#38
Carbon Tetrachloride
Concen: 21.360 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion:117 Resp: 35839
Ion Ratio Lower Upper
117 100
119 94.2 77.2 115.8
121 32.4 24.7 37.1





#39

Methylcyclohexane

Concen: 19.019 ug/l

RT: 9.179 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0323SBS01

Tgt Ion: 83 Resp: 36739

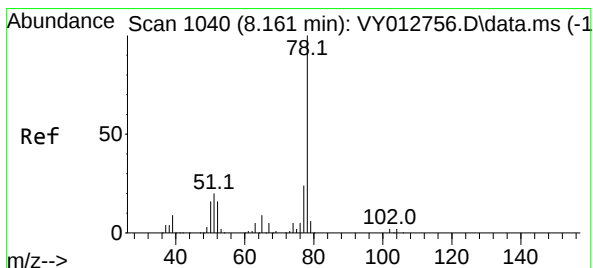
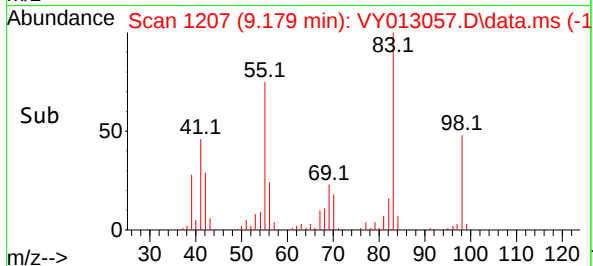
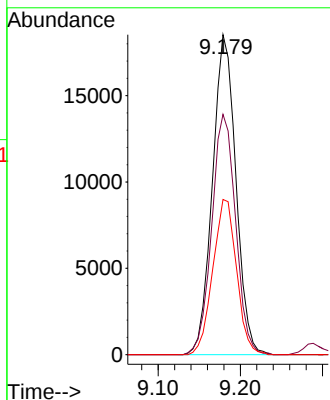
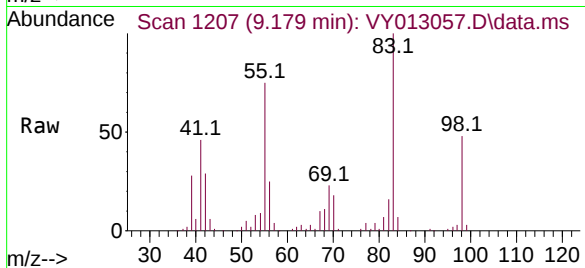
Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.0	90.0
98	48.5	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#40

Benzene

Concen: 20.823 ug/l

RT: 8.155 min Scan# 1039

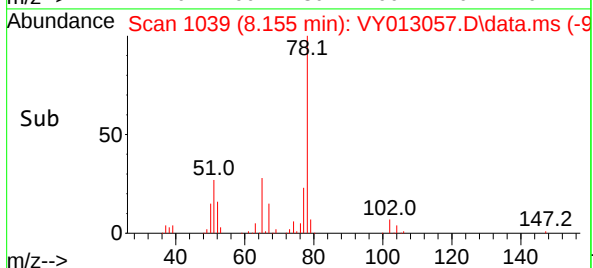
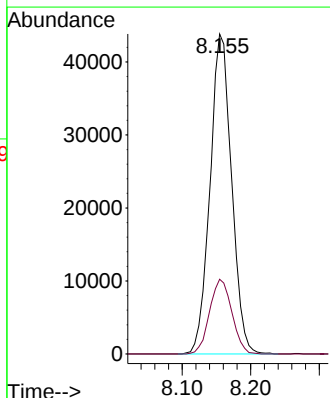
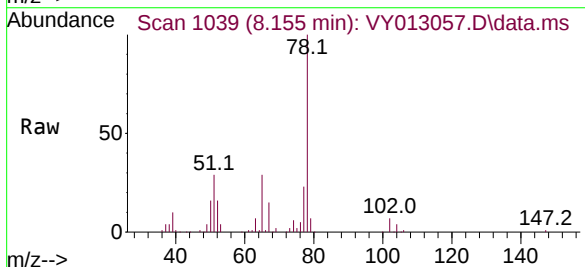
Delta R.T. -0.006 min

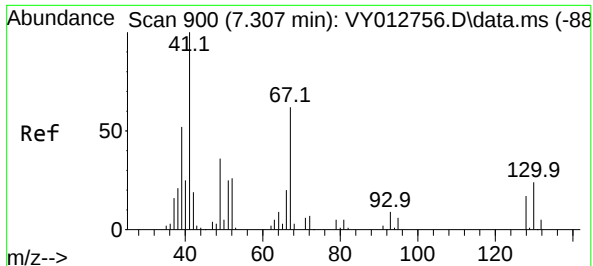
Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Tgt Ion: 78 Resp: 95705

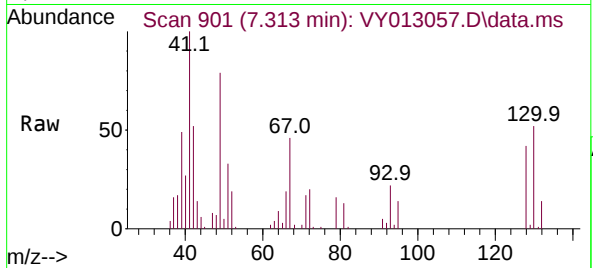
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.0





#41
Methacrylonitrile
Concen: 19.808 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

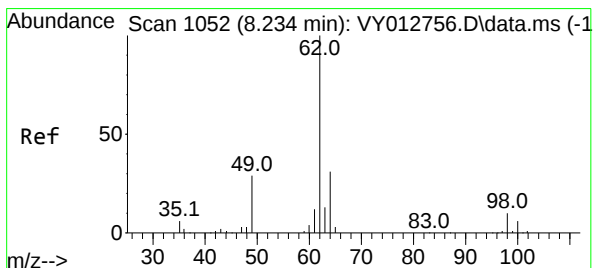
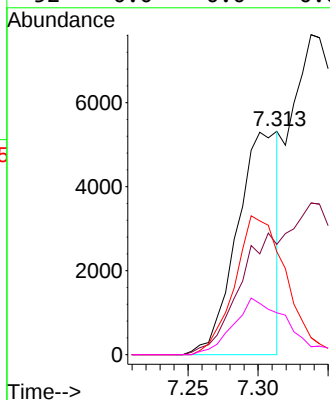
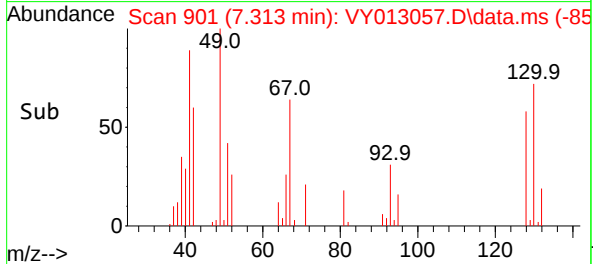
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01



Tgt Ion: 41 Resp: 10929
Ion Ratio Lower Upper
41 100
39 143.9 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

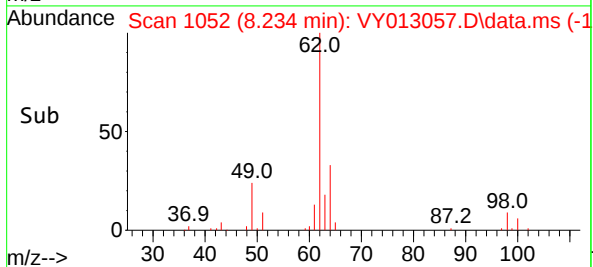
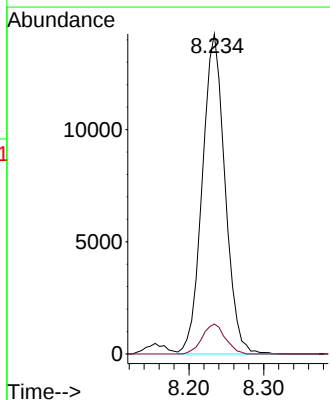
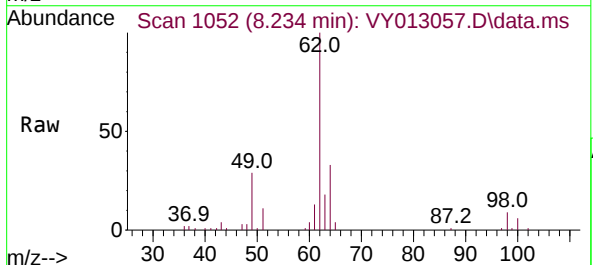
Manual Integrations
APPROVED

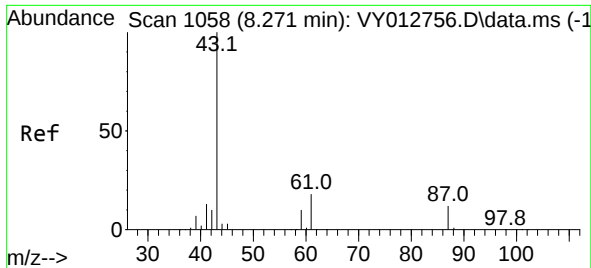
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#42
1,2-Dichloroethane
Concen: 21.785 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion: 62 Resp: 30103
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.8





#43

Isopropyl Acetate

Concen: 21.728 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0323SBS01

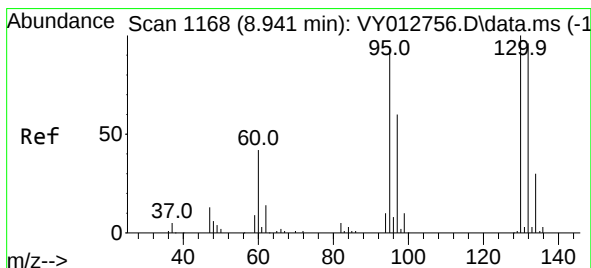
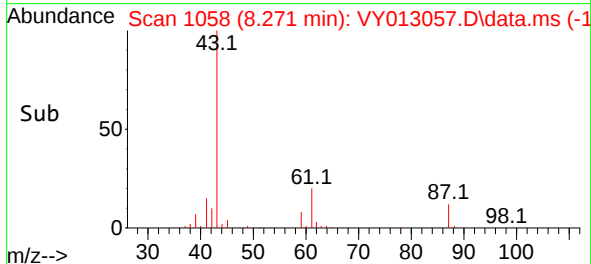
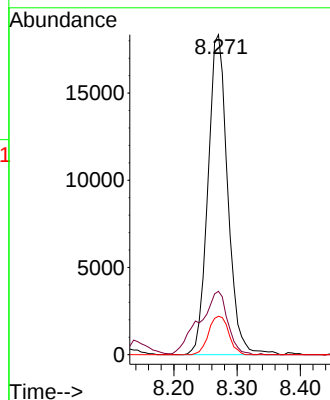
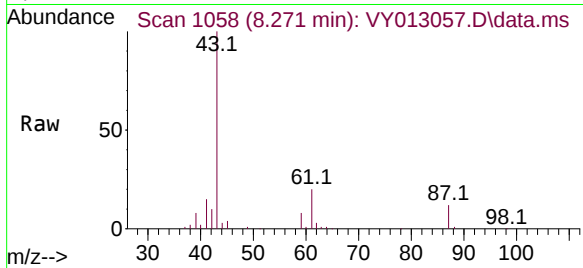
Tgt Ion: 43	Resp: 3969
Ion Ratio	Lower Upper
43 100	
61 28.4	21.6 32.4
87 12.2	9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#44

Trichloroethene

Concen: 21.209 ug/l

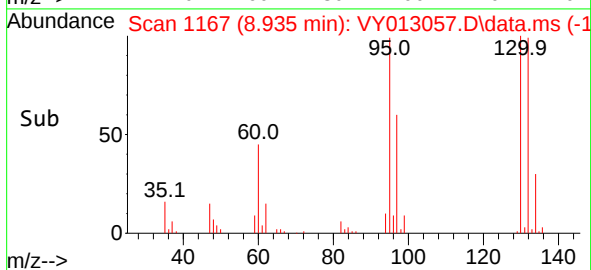
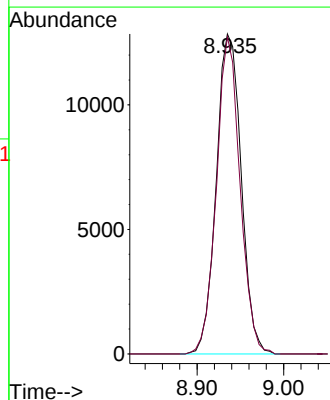
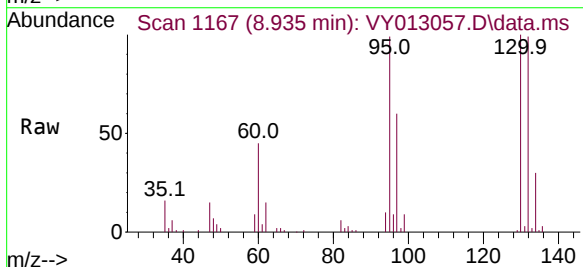
RT: 8.935 min Scan# 1167

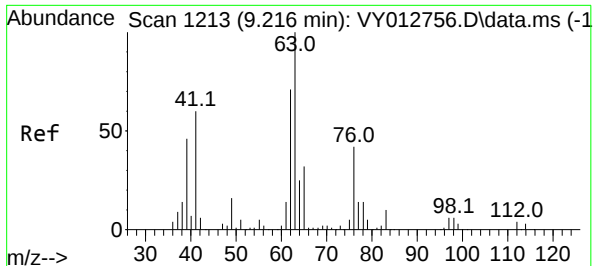
Delta R.T. -0.006 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Tgt Ion:130	Resp: 25701
Ion Ratio	Lower Upper
130 100	
95 99.1	0.0 185.0





#45

1,2-Dichloropropane

Concen: 21.534 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0323SBS01

Tgt Ion: 63 Resp: 2501

Ion Ratio Lower Upper

63 100

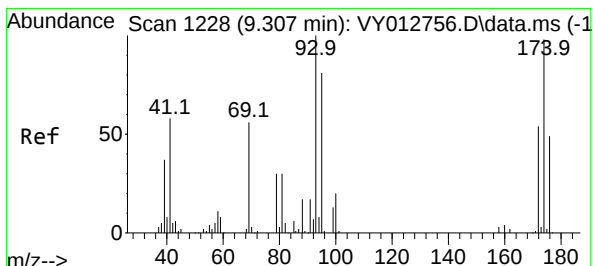
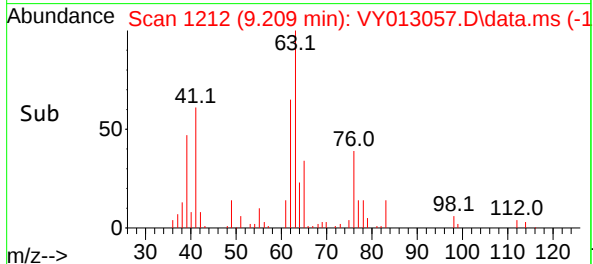
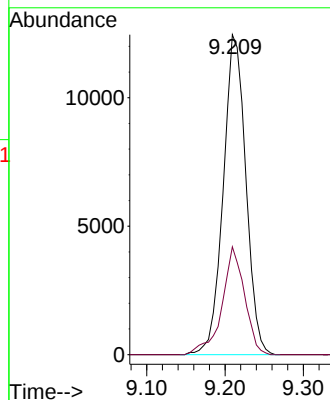
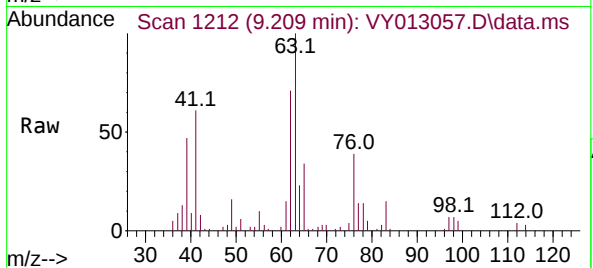
65 33.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#46

Dibromomethane

Concen: 22.031 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

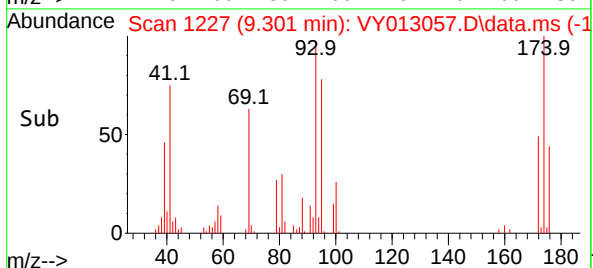
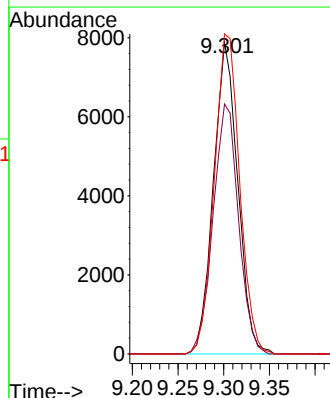
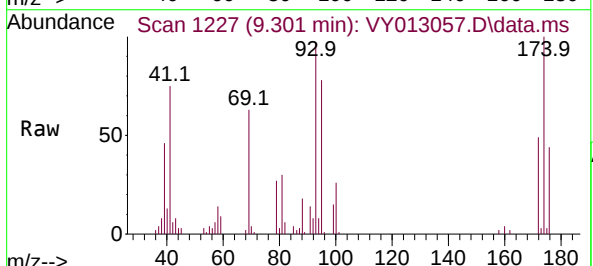
Tgt Ion: 93 Resp: 14579

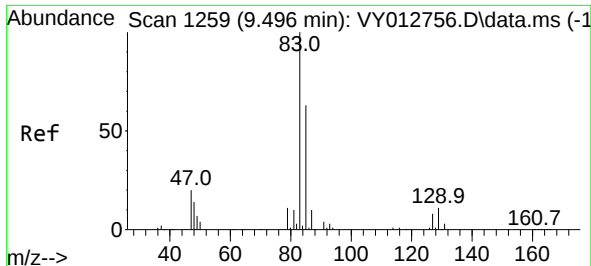
Ion Ratio Lower Upper

93 100

95 83.9 65.6 98.4

174 107.3 81.3 121.9





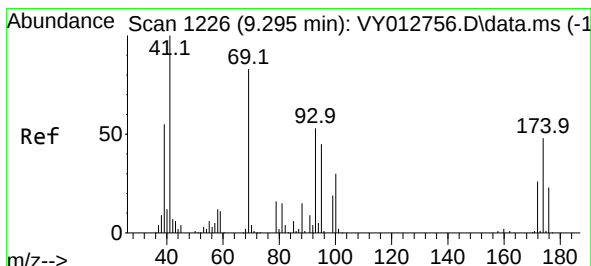
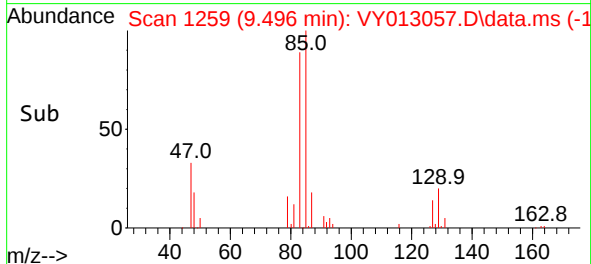
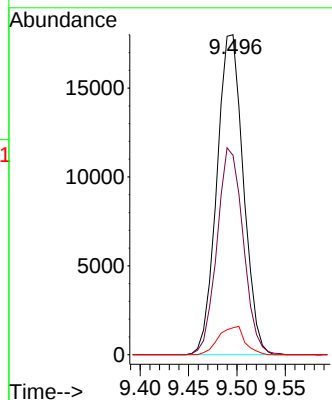
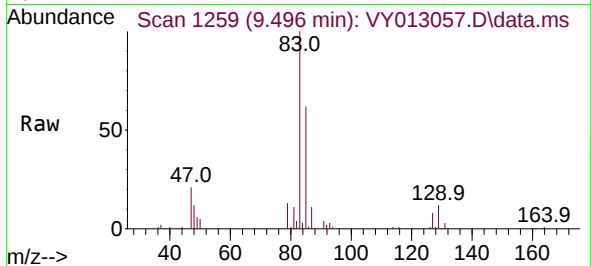
#47
Bromodichloromethane
Concen: 21.993 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion: 83 Resp: 3429
Ion Ratio Lower Upper
83 100
85 62.3 50.2 75.4
127 8.4 6.3 9.5

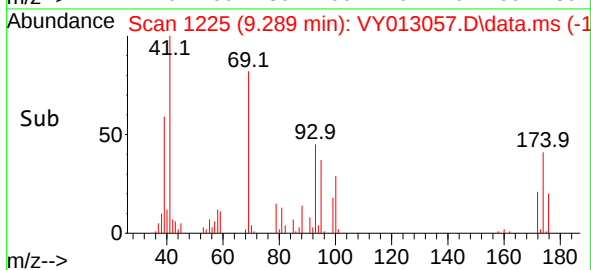
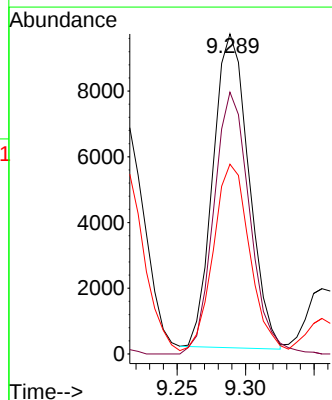
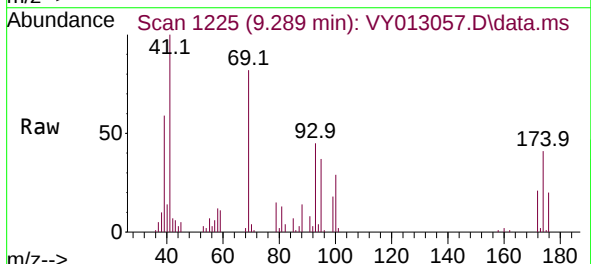
Manual Integrations
APPROVED

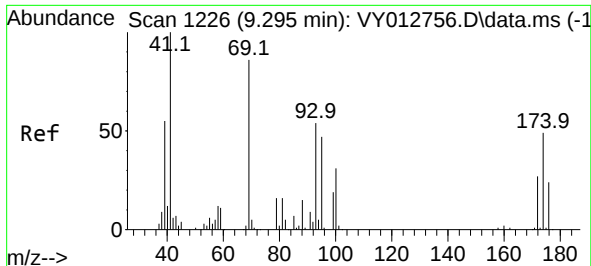
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#48
Methyl methacrylate
Concen: 20.570 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion: 41 Resp: 17318
Ion Ratio Lower Upper
41 100
69 84.1 64.1 96.1
39 60.0 44.0 66.0





#49

1,4-Dioxane

Concen: 486.045 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0323SBS01

Tgt Ion: 88 Resp: 4158

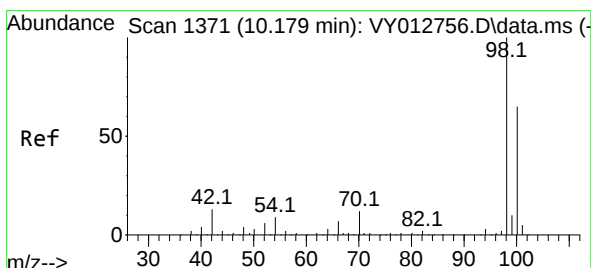
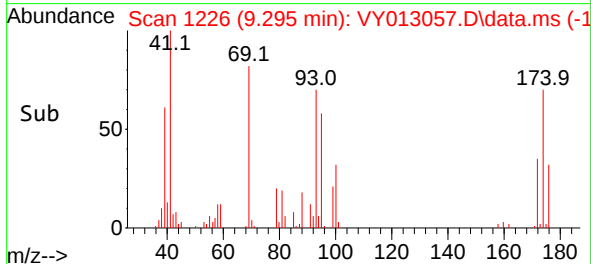
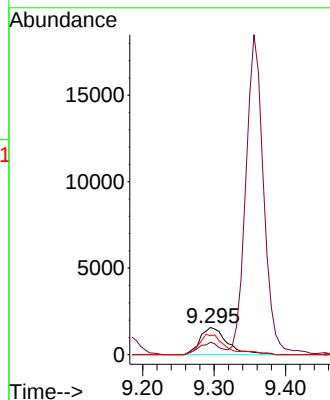
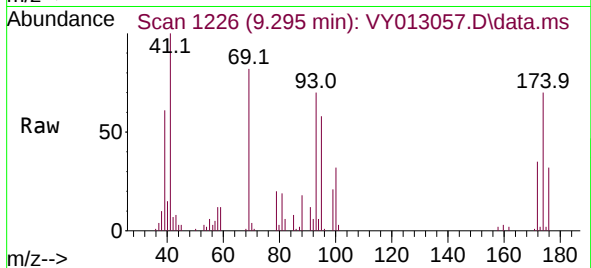
Ion	Ratio	Lower	Upper
88	100		
43	36.4	28.6	42.8
58	65.3	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#50

Toluene-d8

Concen: 51.980 ug/l

RT: 10.179 min Scan# 1371

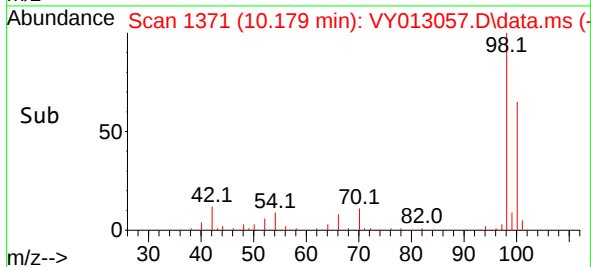
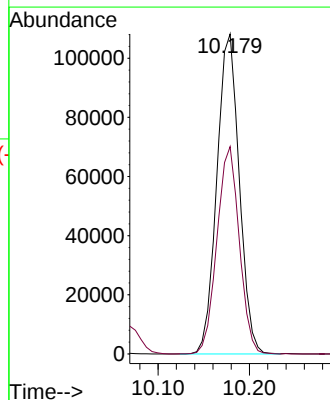
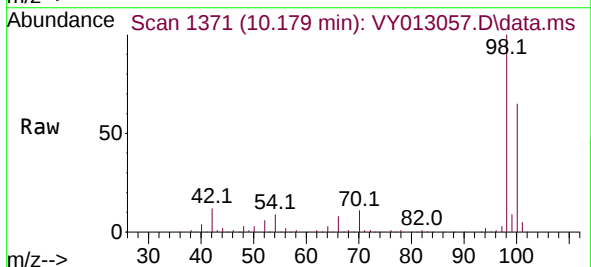
Delta R.T. -0.000 min

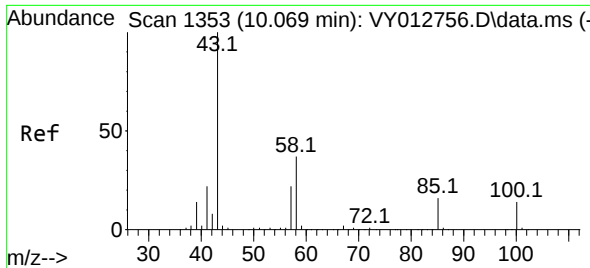
Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Tgt Ion: 98 Resp: 184248

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





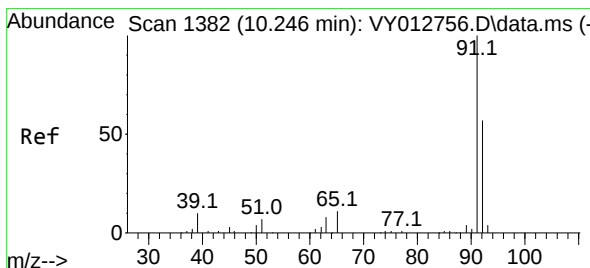
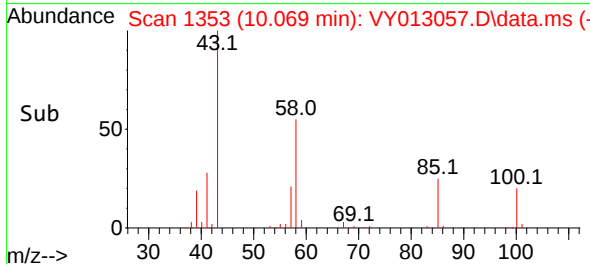
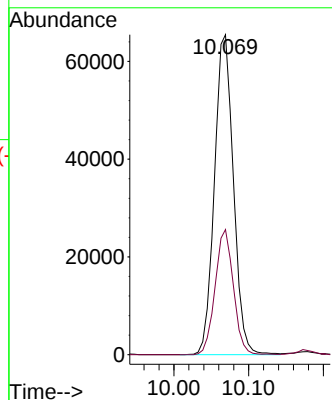
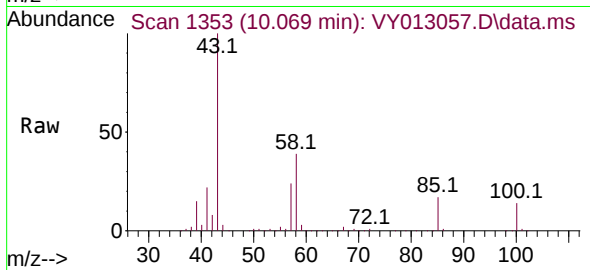
#51
4-Methyl-2-Pentanone
Concen: 116.564 ug/l
RT: 10.069 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion: 43 Resp: 11520
Ion Ratio Lower Upper
43 100
58 37.7 29.8 44.6

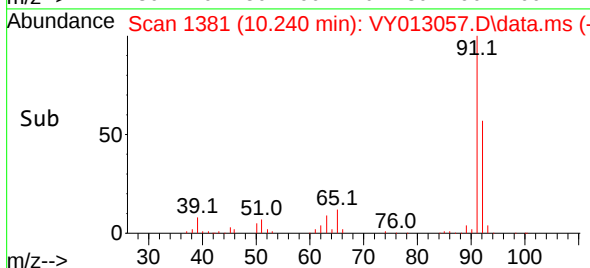
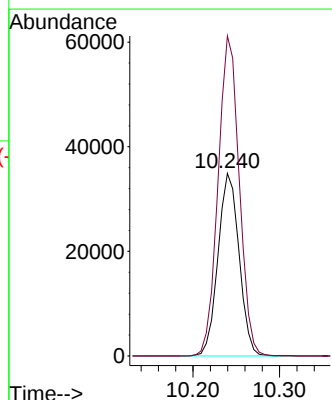
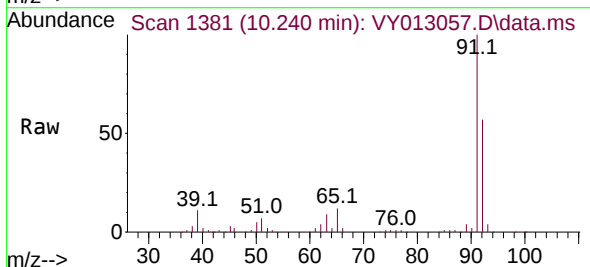
Manual Integrations
APPROVED

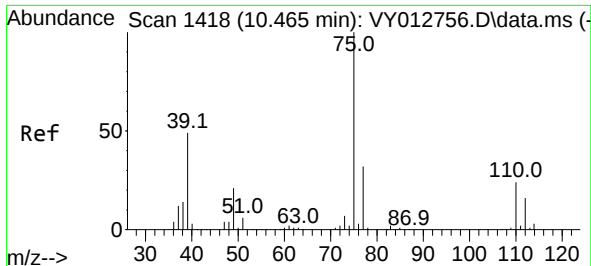
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#52
Toluene
Concen: 21.260 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion: 92 Resp: 58931
Ion Ratio Lower Upper
92 100
91 176.4 141.3 211.9





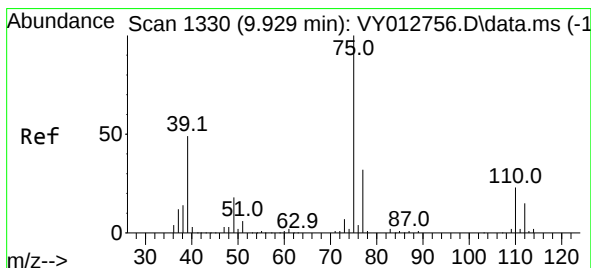
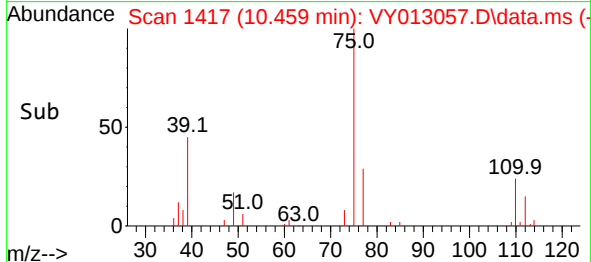
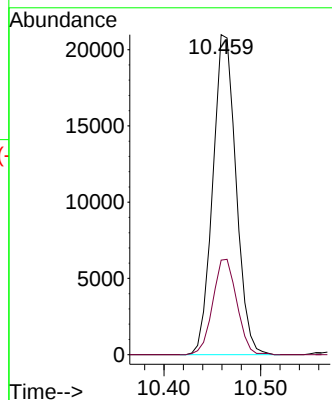
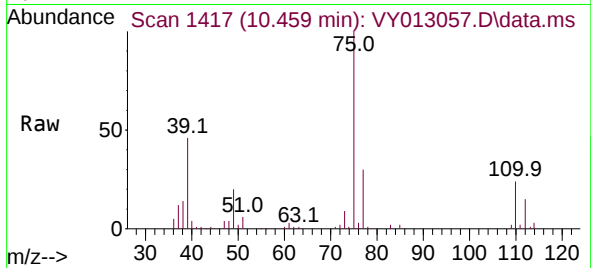
#53
 t-1,3-Dichloropropene
 Concen: 21.412 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY013057.D
 Acq: 23 Mar 2023 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0323SBS01

Tgt Ion: 75 Resp: 35024
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.4 38.2

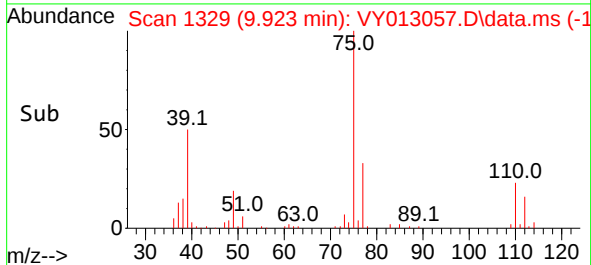
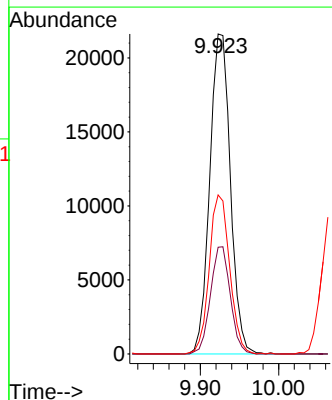
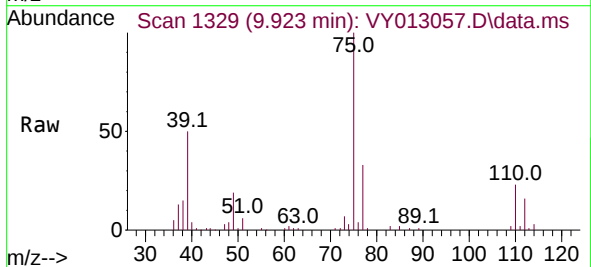
Manual Integrations
 APPROVED

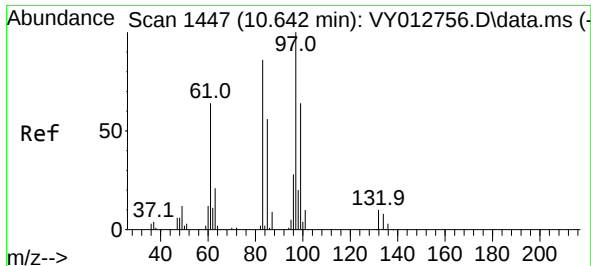
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023



#54
 cis-1,3-Dichloropropene
 Concen: 21.348 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013057.D
 Acq: 23 Mar 2023 13:11

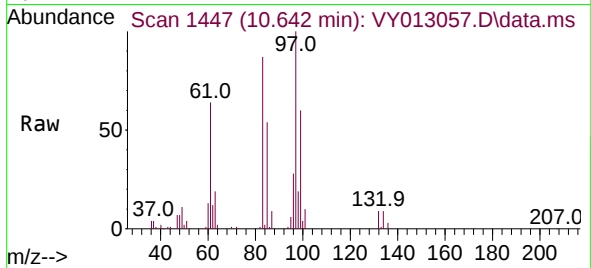
Tgt Ion: 75 Resp: 39523
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0
 39 49.7 39.0 58.4





#55
1,1,2-Trichloroethane
Concen: 22.638 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

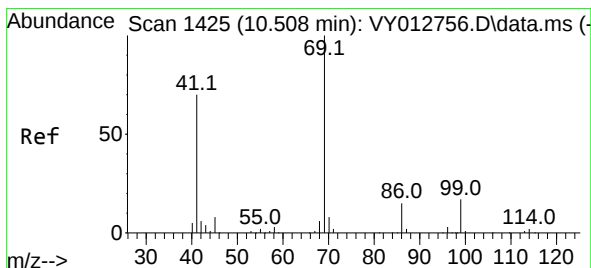
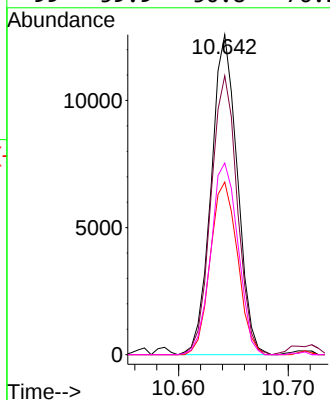
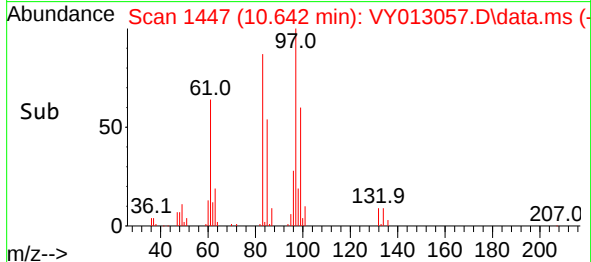
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.0	103.6
85	54.0	44.9	67.3
99	59.9	50.8	76.2

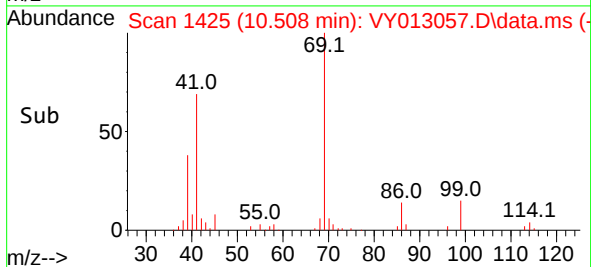
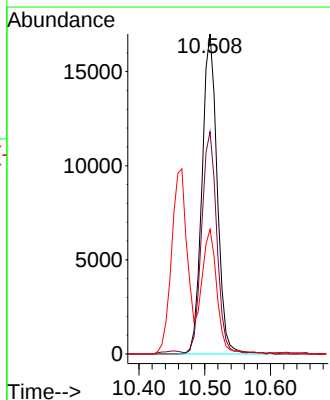
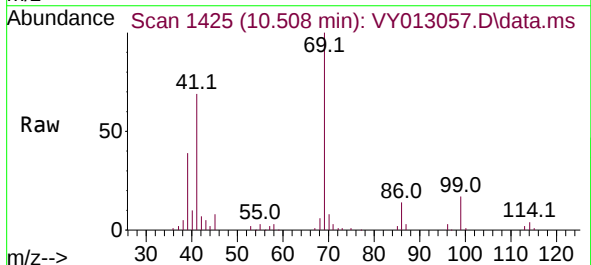
Manual Integrations
APPROVED

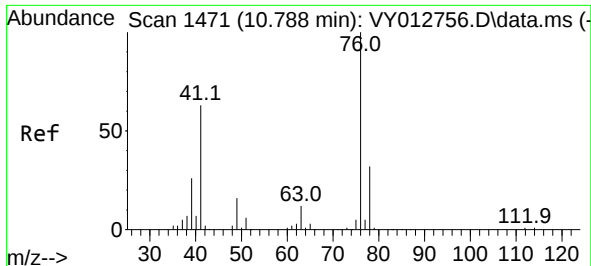
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#56
Ethyl methacrylate
Concen: 22.189 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.4	84.6
39	38.4	30.8	46.2





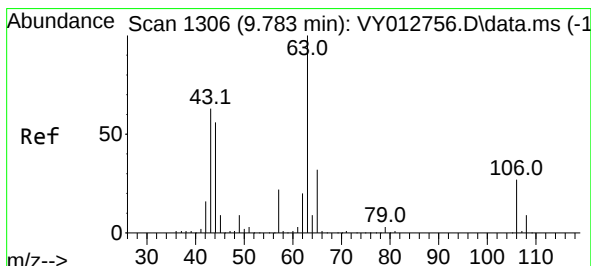
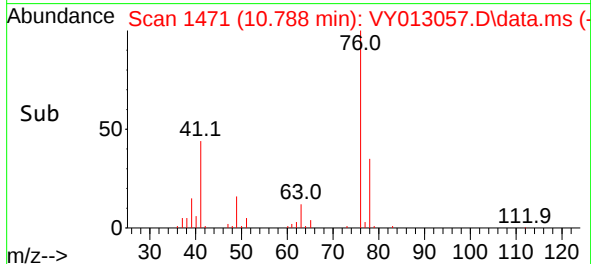
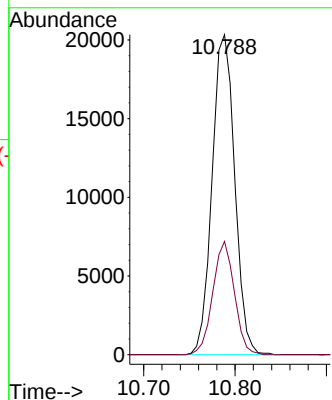
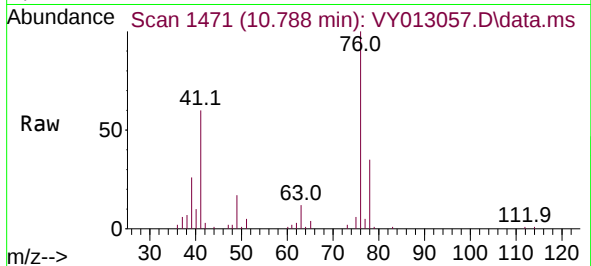
#57
1,3-Dichloropropane
Concen: 22.236 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion: 76 Resp: 34904
Ion Ratio Lower Upper
76 100
78 33.8 26.2 39.4

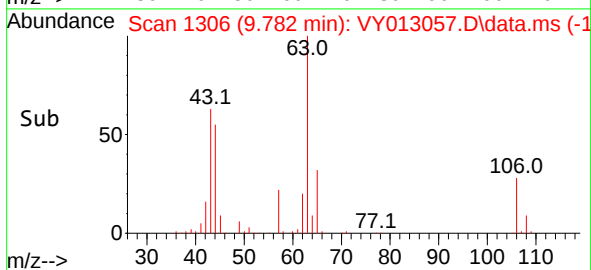
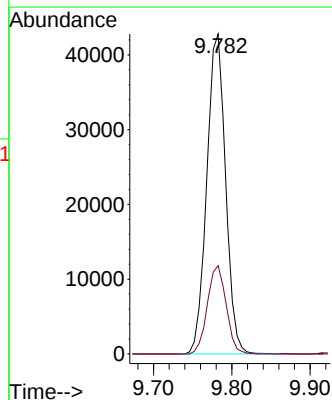
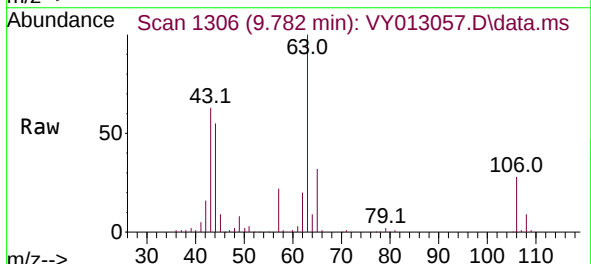
Manual Integrations
APPROVED

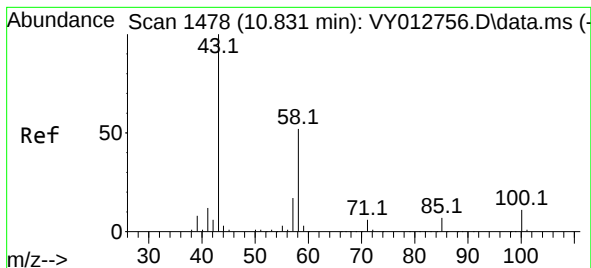
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#58
2-Chloroethyl Vinyl ether
Concen: 110.528 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

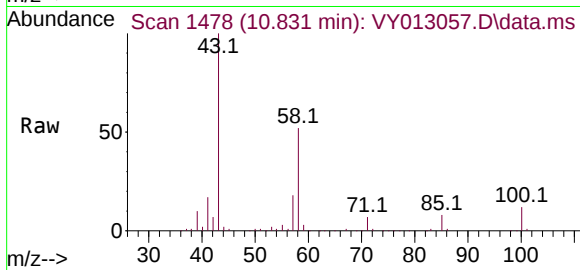
Tgt Ion: 63 Resp: 71300
Ion Ratio Lower Upper
63 100
106 27.5 22.1 33.1





#59
2-Hexanone
Concen: 120.132 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

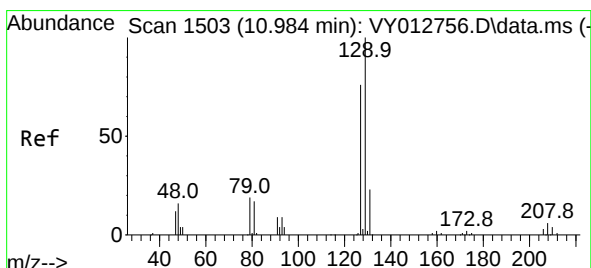
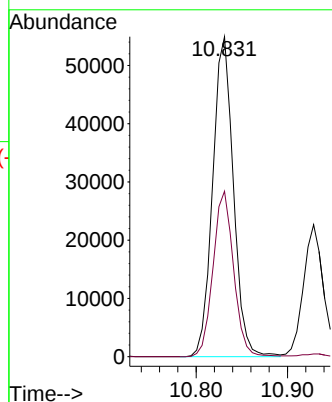
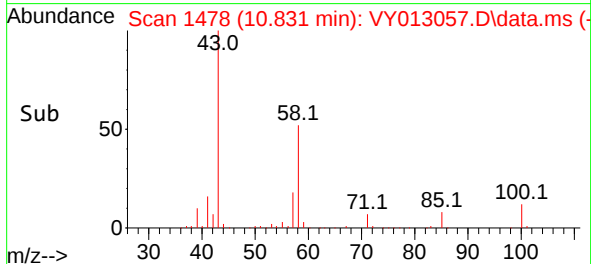
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01



Tgt Ion: 43 Resp: 86532
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.8

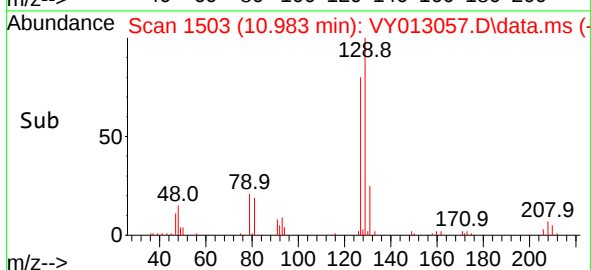
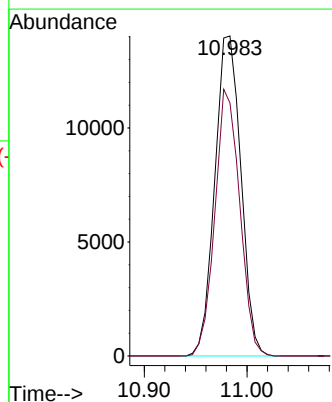
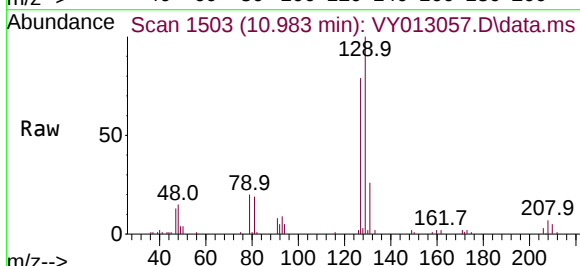
Manual Integrations
APPROVED

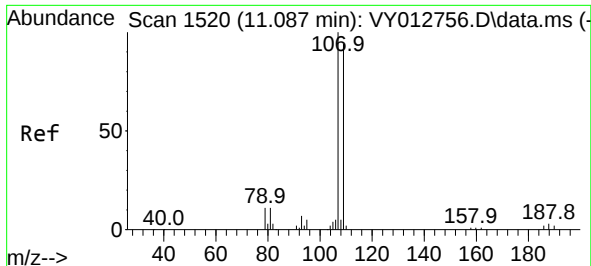
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#60
Dibromochloromethane
Concen: 22.083 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion:129 Resp: 24773
Ion Ratio Lower Upper
129 100
127 79.5 38.7 116.1





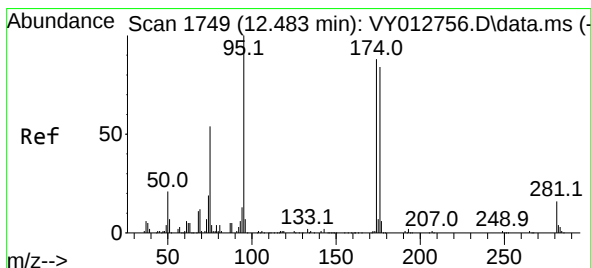
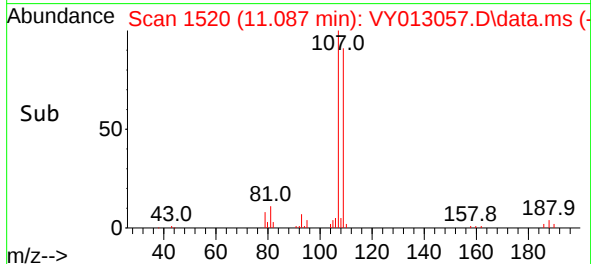
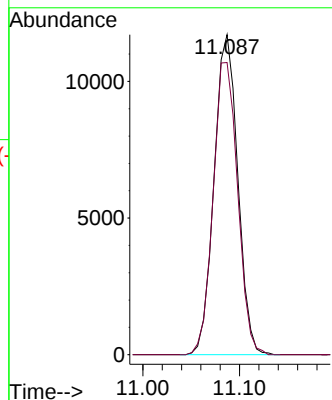
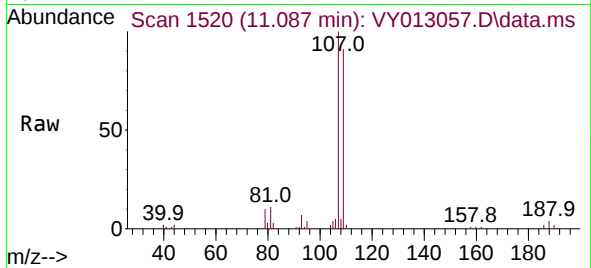
#61
1,2-Dibromoethane
Concen: 22.398 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion:107 Resp: 19884
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6

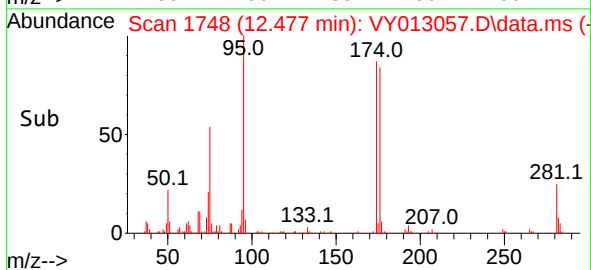
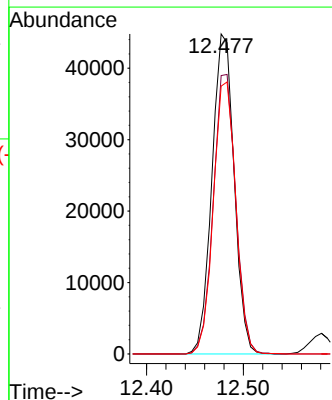
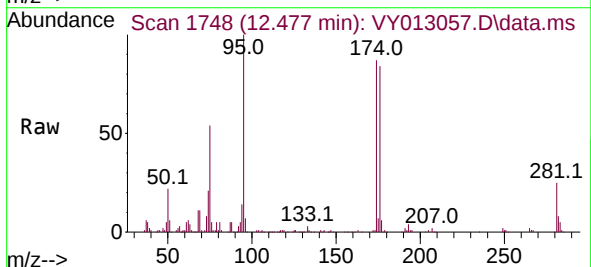
Manual Integrations
APPROVED

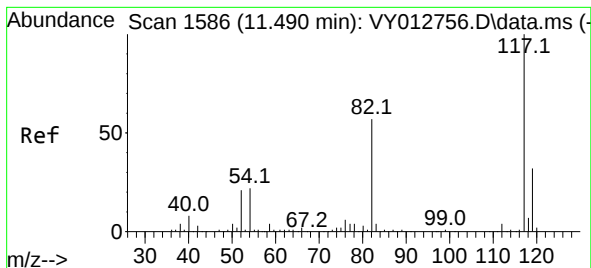
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#62
4-Bromofluorobenzene
Concen: 59.798 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

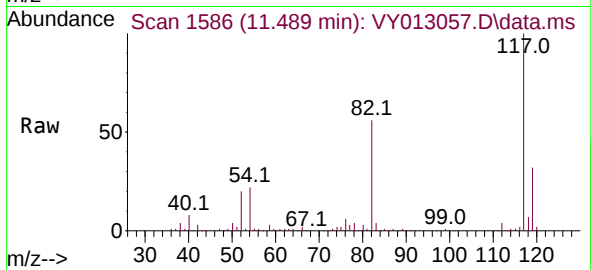
Tgt Ion: 95 Resp: 71542
Ion Ratio Lower Upper
95 100
174 88.1 0.0 176.6
176 85.9 0.0 170.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

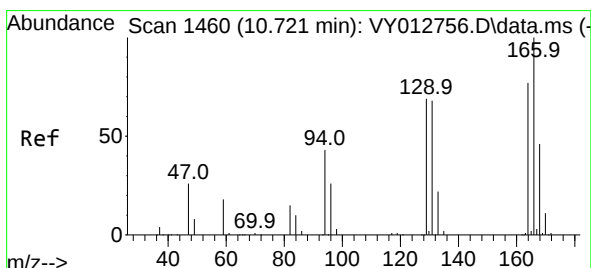
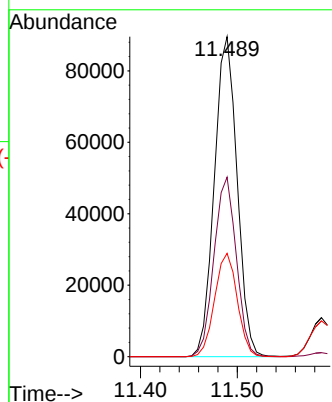
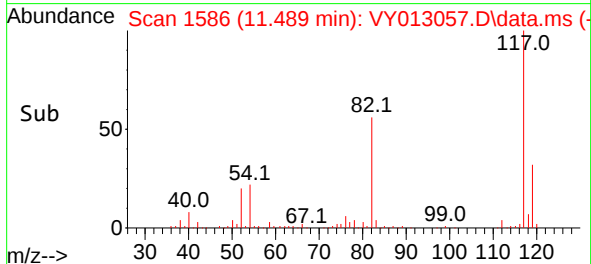
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01



Tgt Ion:117 Resp: 146329
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 32.3 25.6 38.4

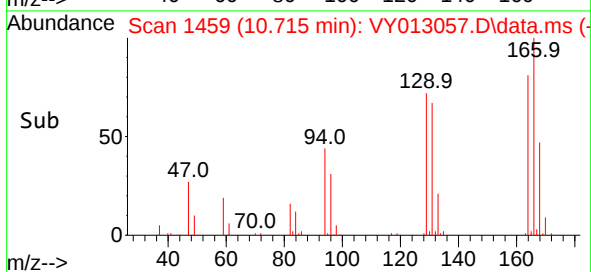
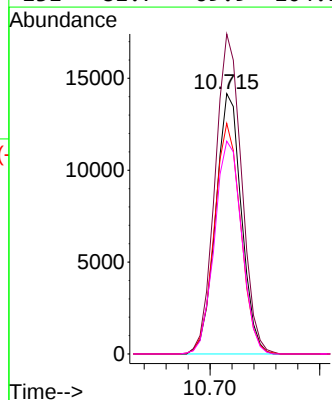
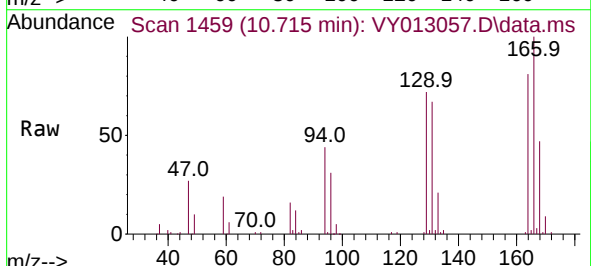
Manual Integrations
APPROVED

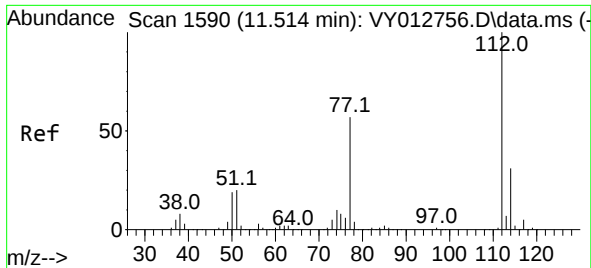
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#64
Tetrachloroethene
Concen: 21.721 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion:164 Resp: 23141
Ion Ratio Lower Upper
164 100
166 122.9 103.4 155.2
129 88.5 71.4 107.2
131 81.7 69.9 104.9





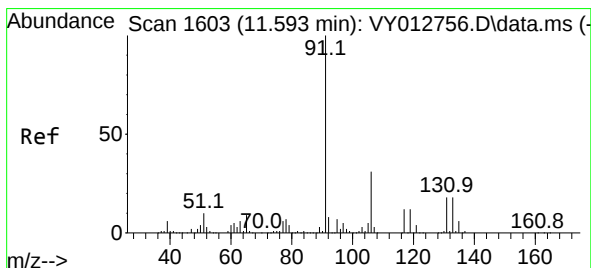
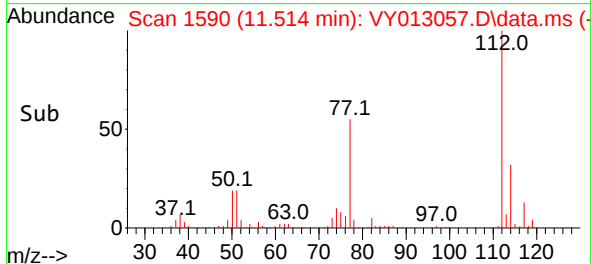
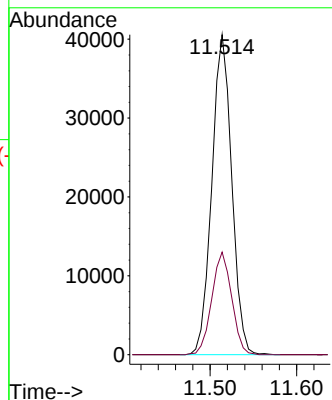
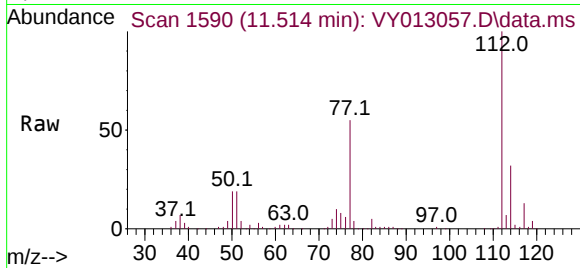
#65
Chlorobenzene
Concen: 21.052 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion:112 Resp: 64654
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7

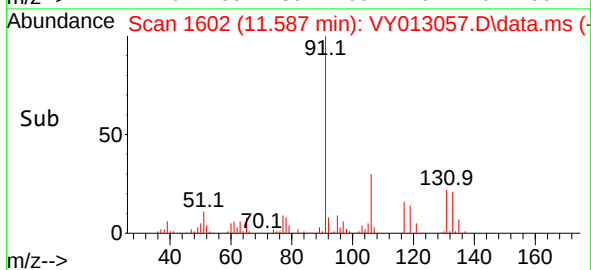
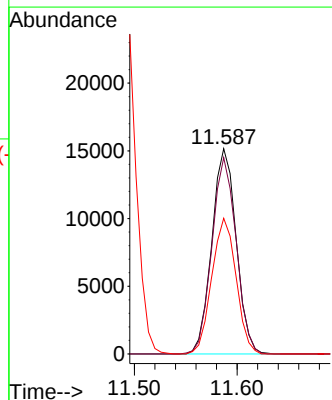
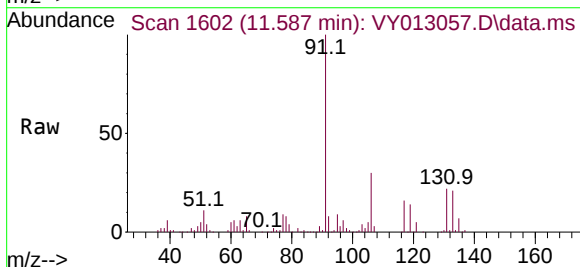
Manual Integrations
APPROVED

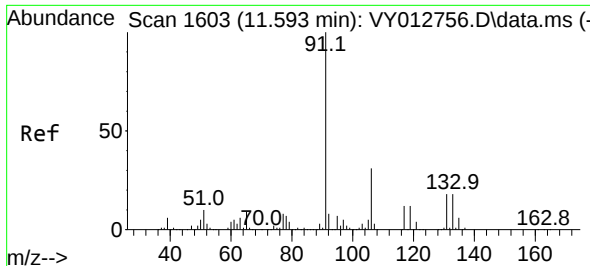
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.937 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion:131 Resp: 24929
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 65.9 32.6 98.0





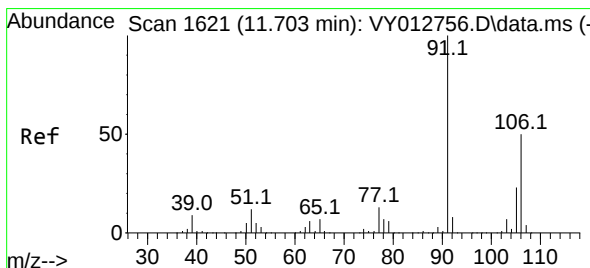
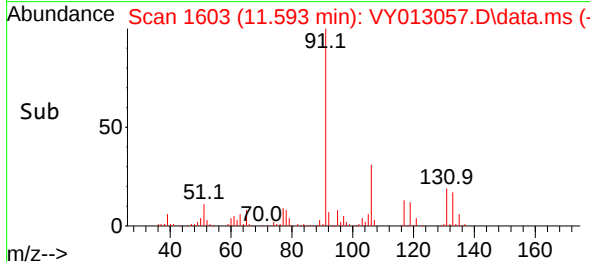
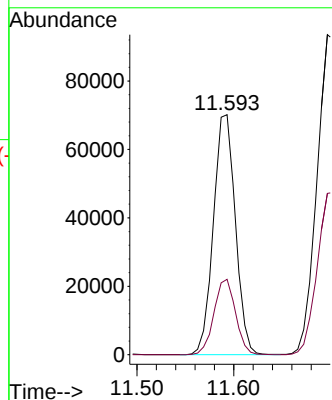
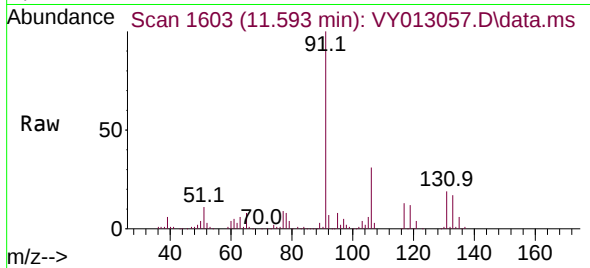
#67
Ethyl Benzene
Concen: 20.526 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion: 91 Resp: 11083
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

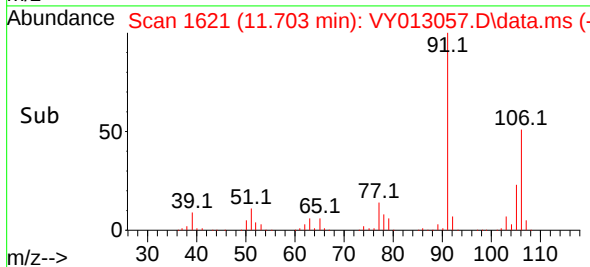
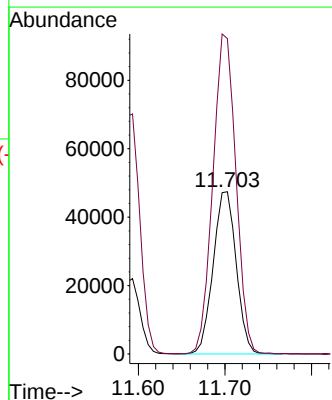
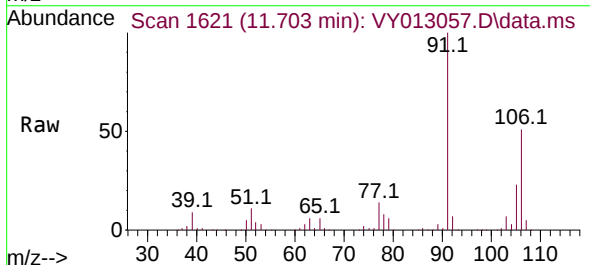
Manual Integrations
APPROVED

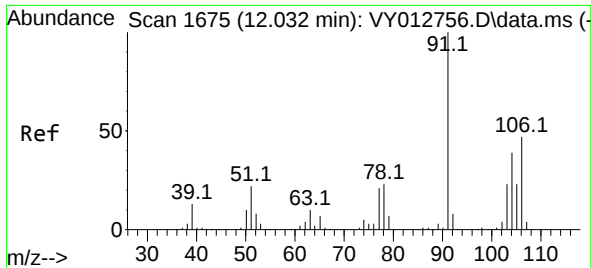
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#68
m/p-Xylenes
Concen: 42.265 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion:106 Resp: 87791
Ion Ratio Lower Upper
106 100
91 197.5 159.8 239.8





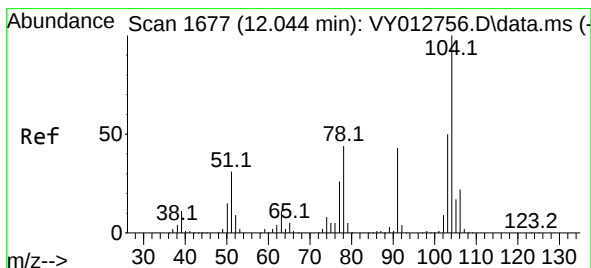
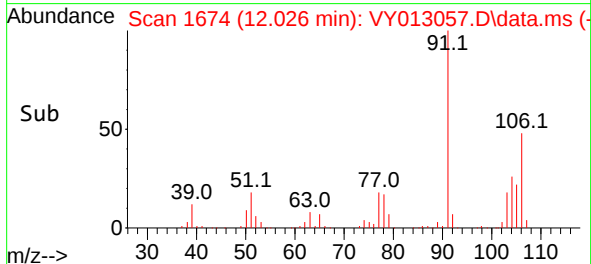
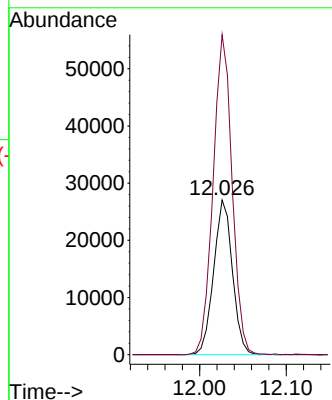
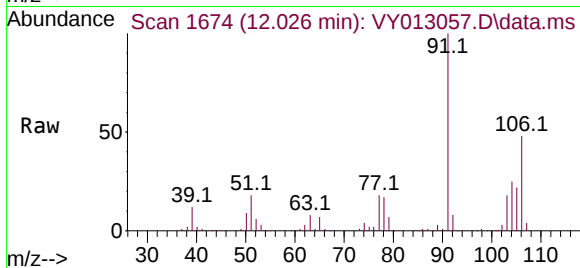
#69
o-Xylene
Concen: 20.987 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion:106 Resp: 40684
Ion Ratio Lower Upper
106 100
91 209.3 107.2 321.6

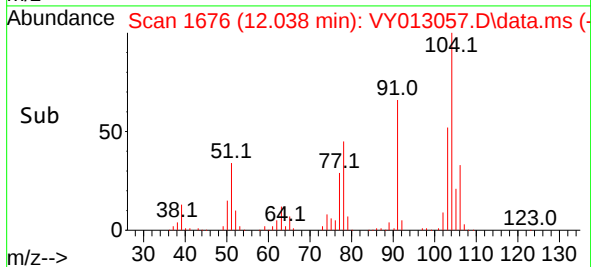
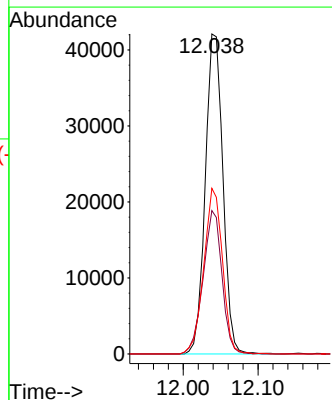
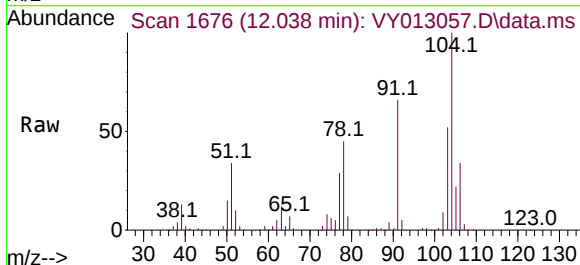
Manual Integrations
APPROVED

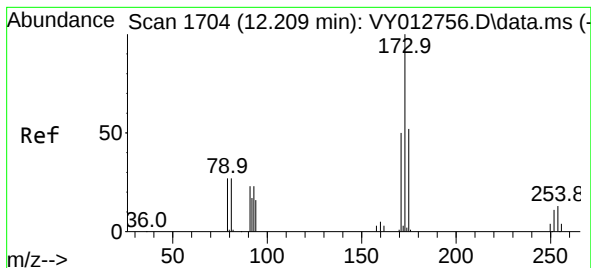
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#70
Styrene
Concen: 21.311 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion:104 Resp: 68941
Ion Ratio Lower Upper
104 100
78 47.9 39.2 58.8
103 54.8 43.7 65.5





#71

Bromoform

Concen: 22.257 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0323SBS01

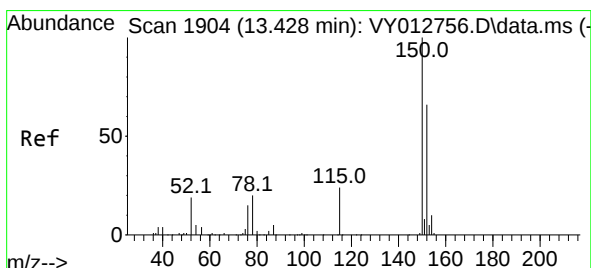
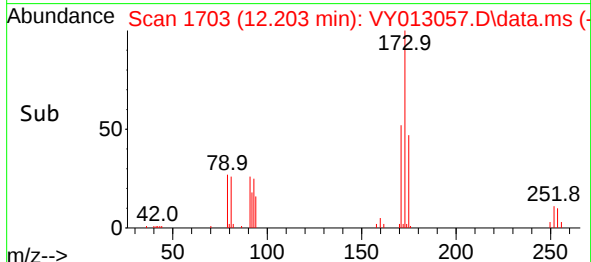
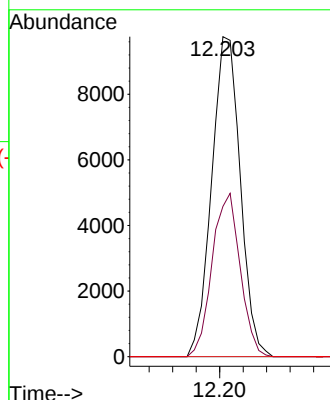
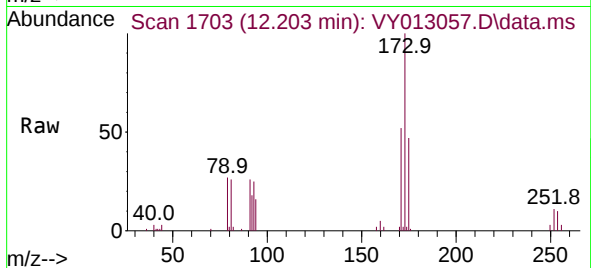
Tgt Ion:173	Resp:	1649
Ion Ratio	Lower	Upper
173	100	
175	49.9	25.0 75.0
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

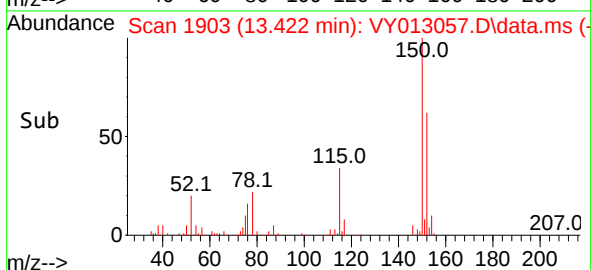
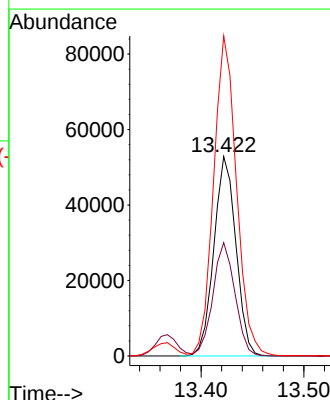
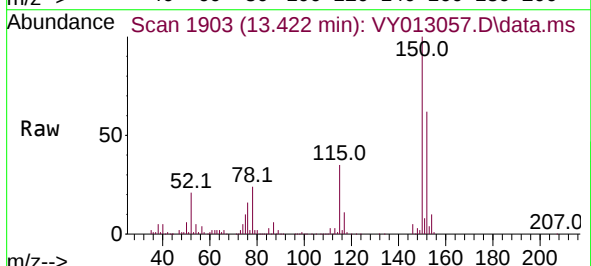
RT: 13.422 min Scan# 1903

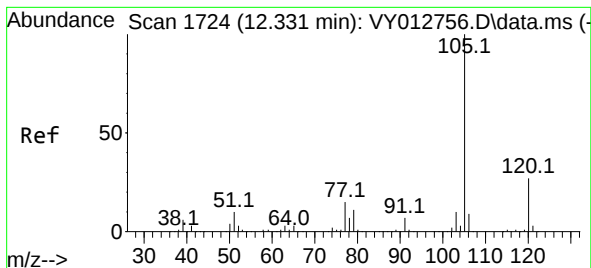
Delta R.T. -0.006 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Tgt Ion:152	Resp:	78756
Ion Ratio	Lower	Upper
152	100	
115	56.8	27.1 81.3
150	166.1	0.0 347.8





#73

Isopropylbenzene

Concen: 19.465 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0323SBS01

Tgt Ion:105 Resp: 108640

Ion Ratio Lower Upper

105 100

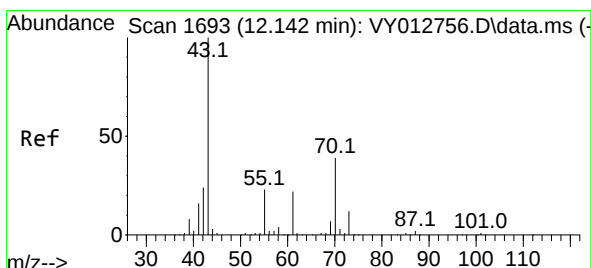
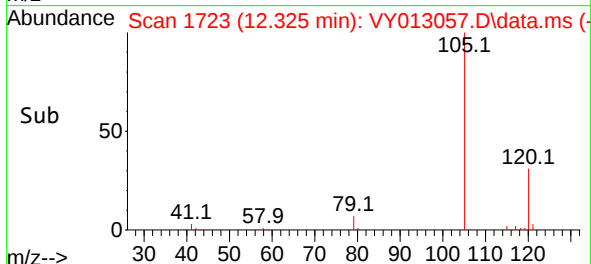
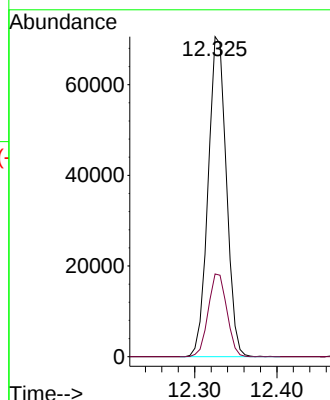
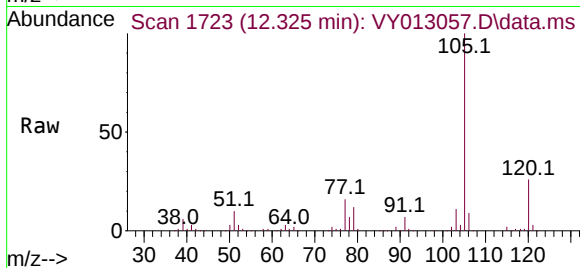
120 26.3 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#74

N-ethyl acetate

Concen: 20.260 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Tgt Ion: 43 Resp: 35579

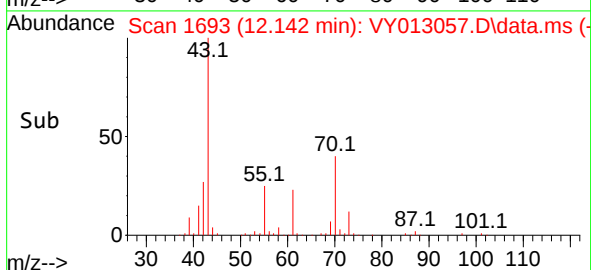
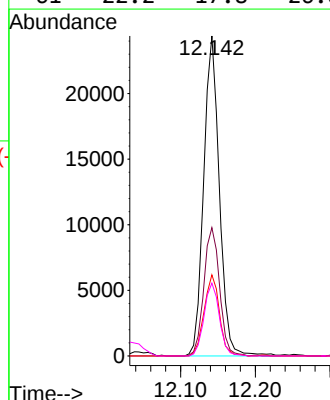
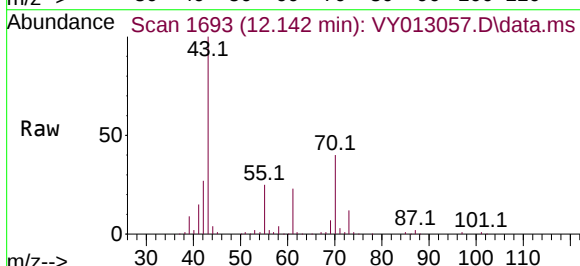
Ion Ratio Lower Upper

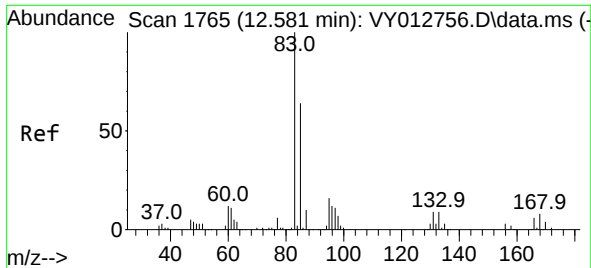
43 100

70 40.3 31.6 47.4

55 24.7 18.8 28.2

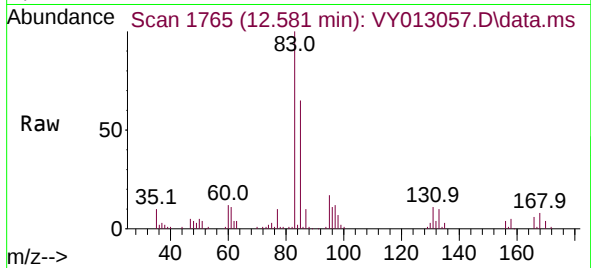
61 22.2 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 21.497 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

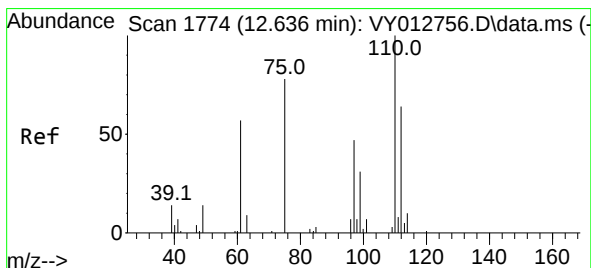
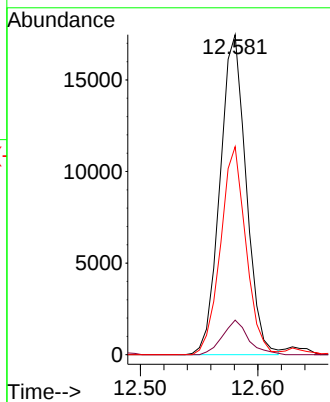
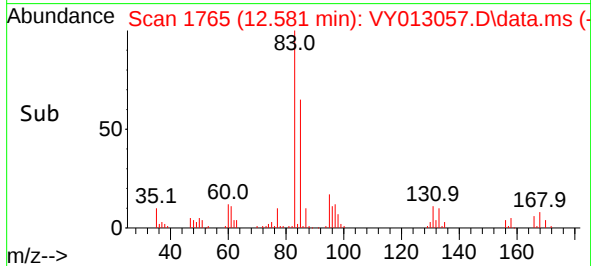
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01



Tgt Ion: 83 Resp: 26972
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.2
85 63.3 31.8 95.3

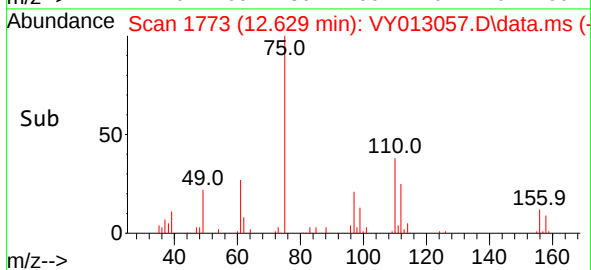
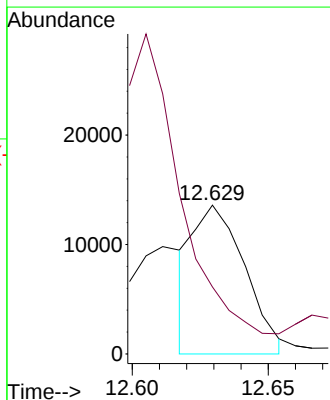
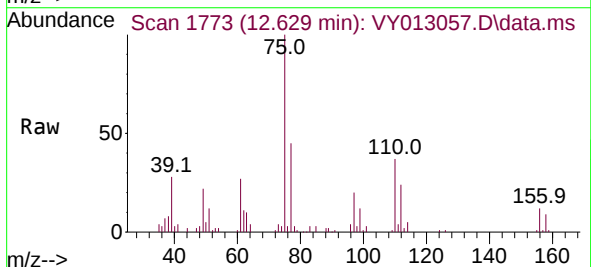
Manual Integrations
APPROVED

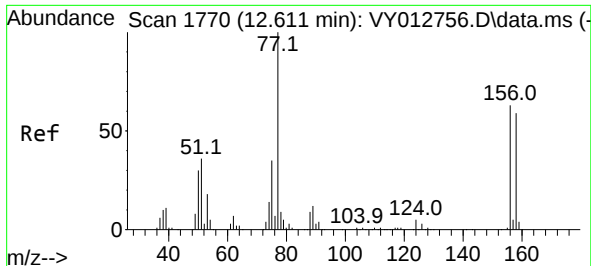
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#76
1,2,3-Trichloropropane
Concen: 19.201 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

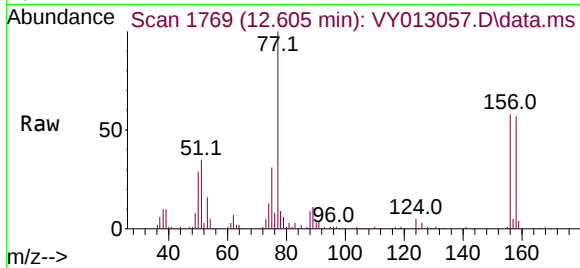
Tgt Ion: 75 Resp: 18058
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.990 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

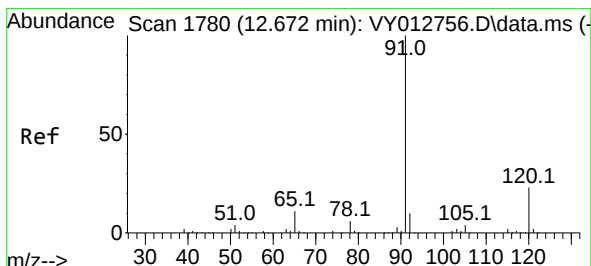
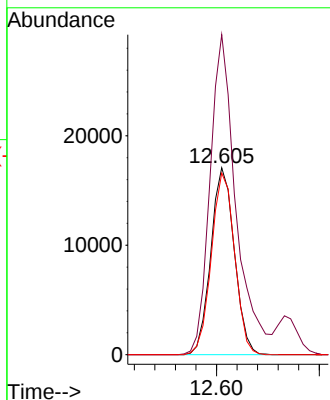
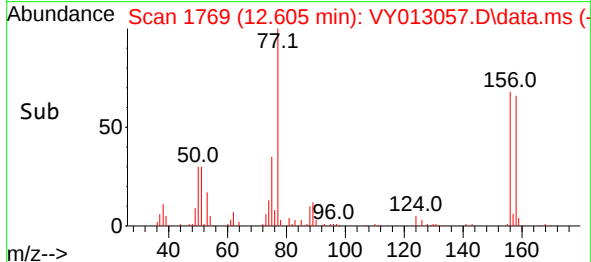
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01



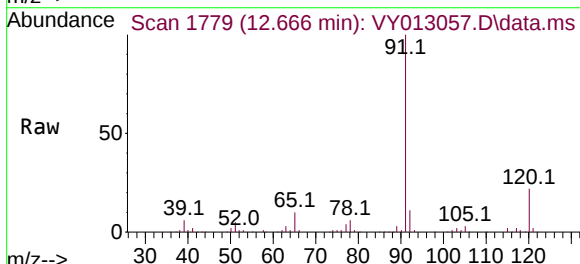
Tgt Ion:156 Resp: 2710
Ion Ratio Lower Upper
156 100
77 189.9 94.0 282.1
158 96.0 48.1 144.4

Manual Integrations
APPROVED

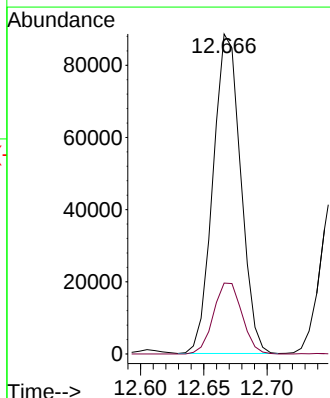
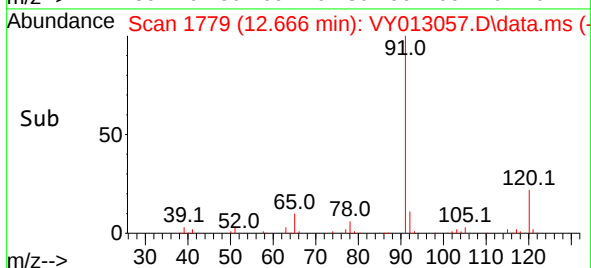
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023

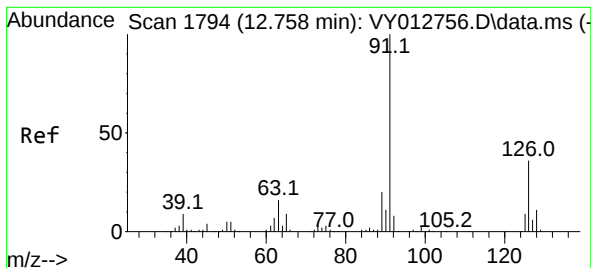


#78
n-propylbenzene
Concen: 19.602 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11



Tgt Ion: 91 Resp: 134886
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8





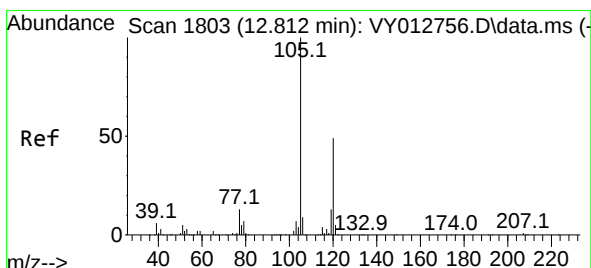
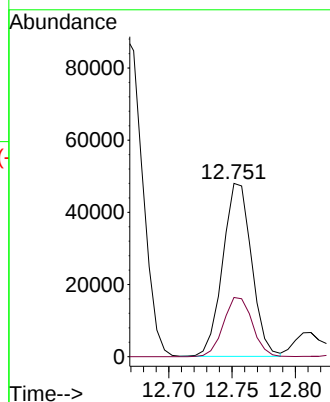
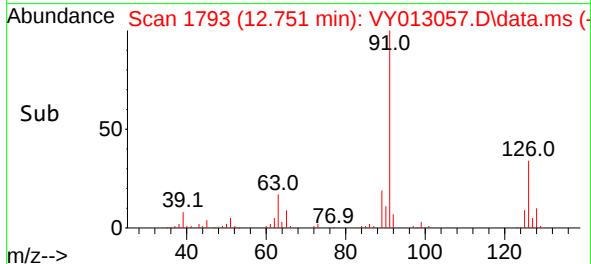
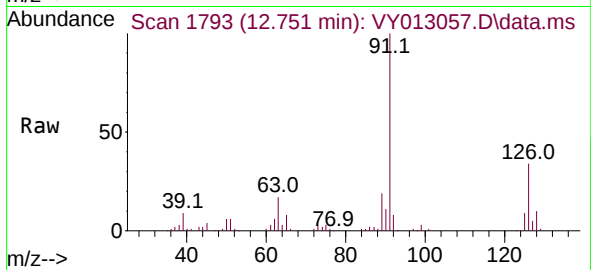
#79
2-Chlorotoluene
Concen: 19.892 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion: 91 Resp: 7607
Ion Ratio Lower Upper
91 100
126 34.2 17.4 52.2

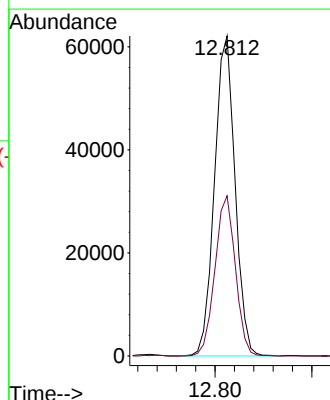
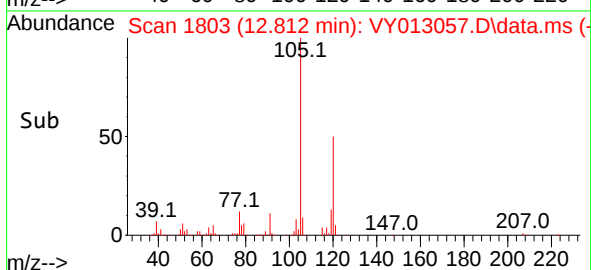
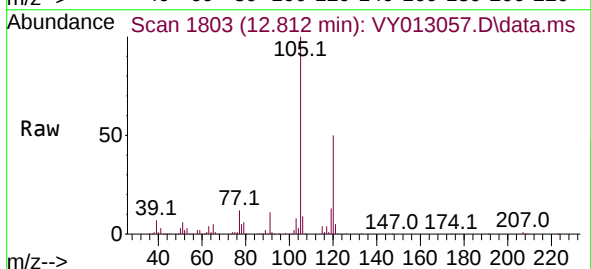
Manual Integrations
APPROVED

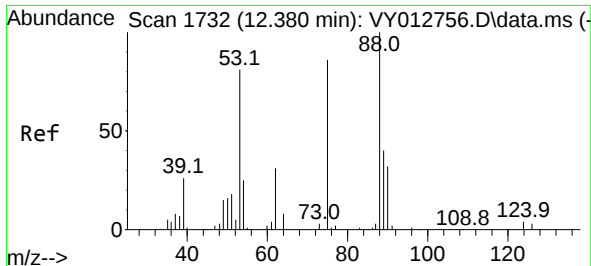
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.840 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion:105 Resp: 91386
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.4





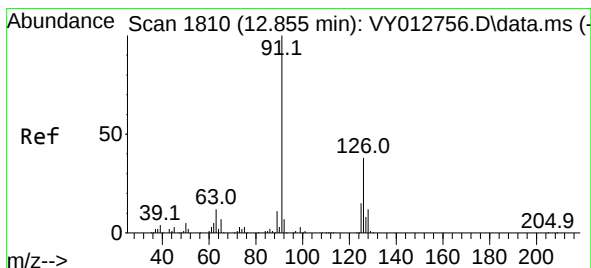
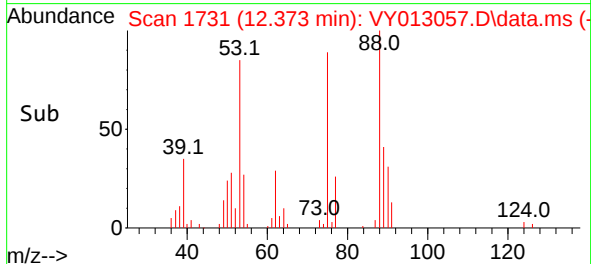
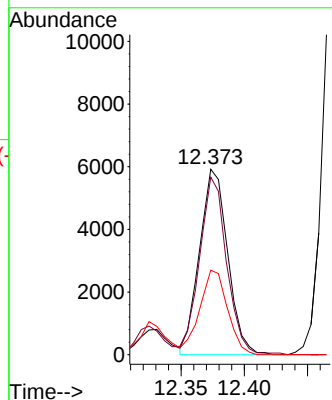
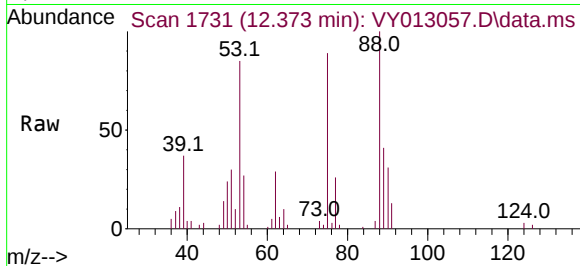
#81
trans-1,4-Dichloro-2-butene
Concen: 20.280 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion: 75 Resp: 920
Ion Ratio Lower Upper
75 100
53 93.0 73.4 110.0
89 45.0 36.6 55.0

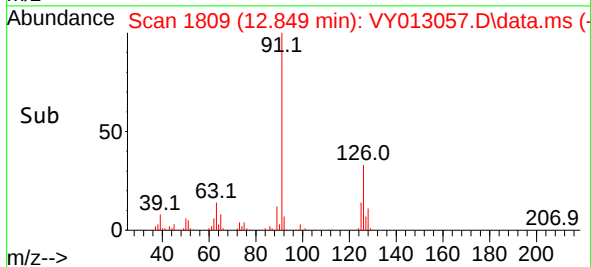
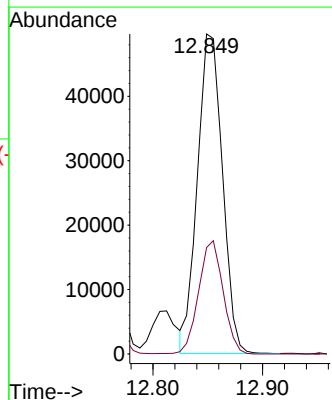
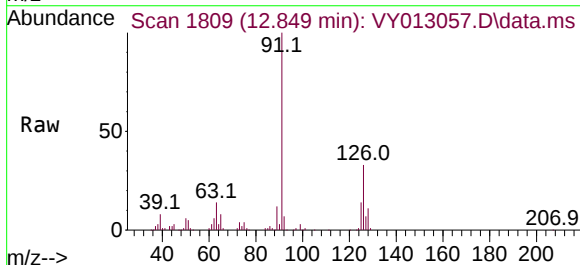
Manual Integrations
APPROVED

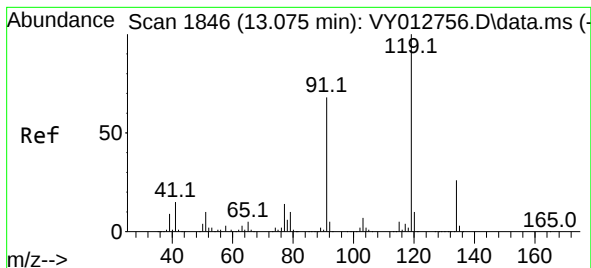
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#82
4-Chlorotoluene
Concen: 19.896 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion: 91 Resp: 78767
Ion Ratio Lower Upper
91 100
126 34.8 17.7 53.1





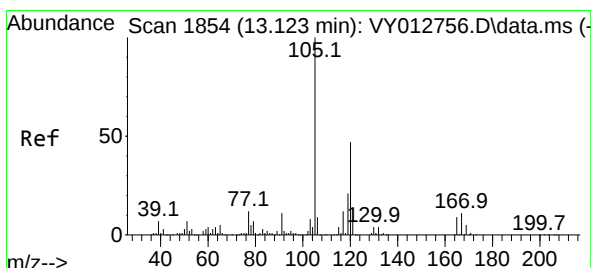
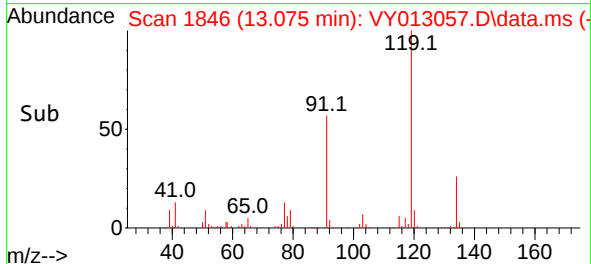
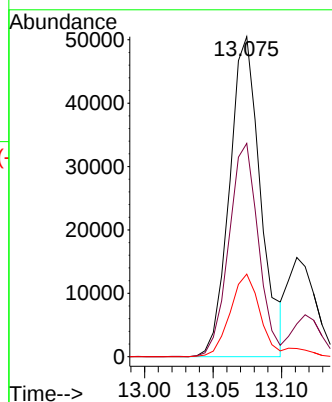
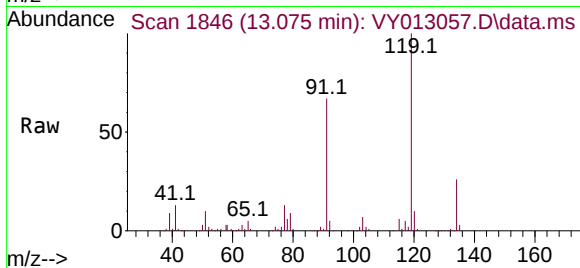
#83
tert-Butylbenzene
Concen: 20.027 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion:119 Resp: 7962
Ion Ratio Lower Upper
119 100
91 63.5 32.8 98.3
134 26.7 13.6 40.8

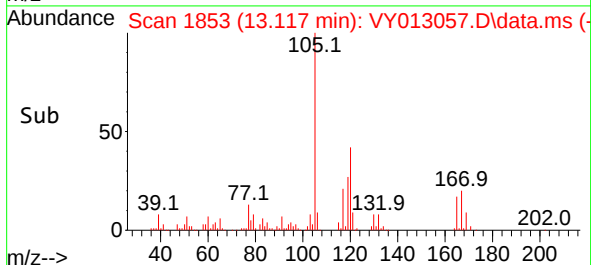
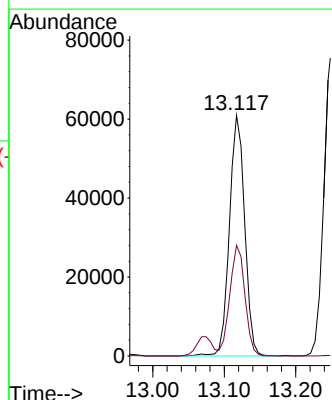
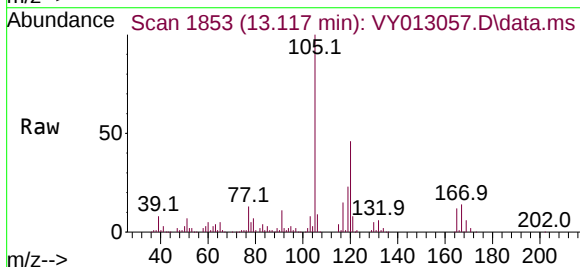
Manual Integrations
APPROVED

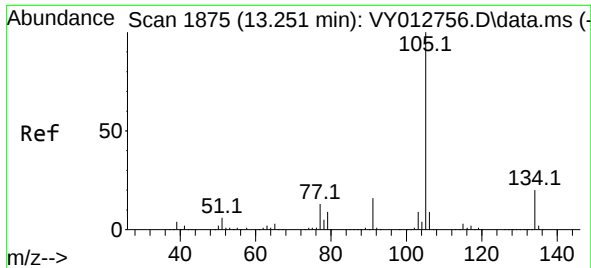
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.021 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

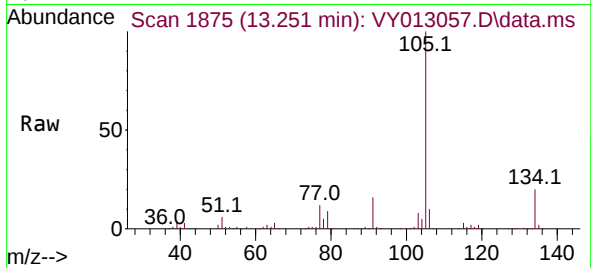
Tgt Ion:105 Resp: 90178
Ion Ratio Lower Upper
105 100
120 45.3 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 19.810 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY013057.D
 Acq: 23 Mar 2023 13:11

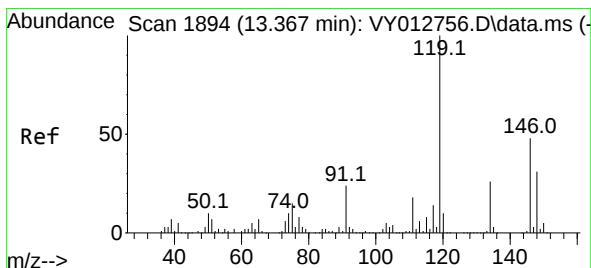
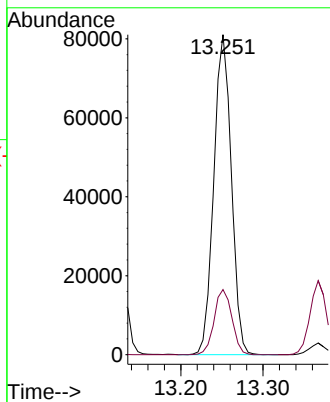
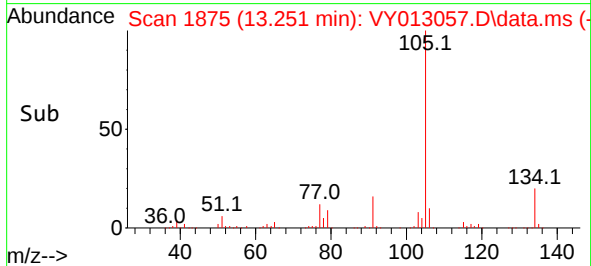
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0323SBS01



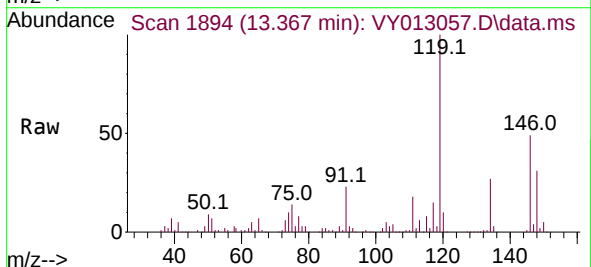
Tgt Ion:105 Resp: 12015
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

Manual Integrations
 APPROVED

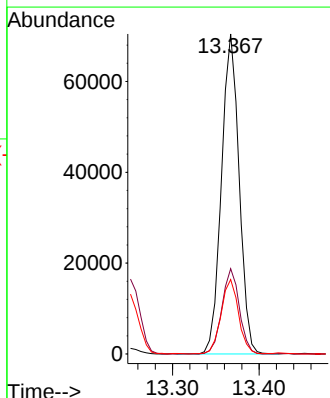
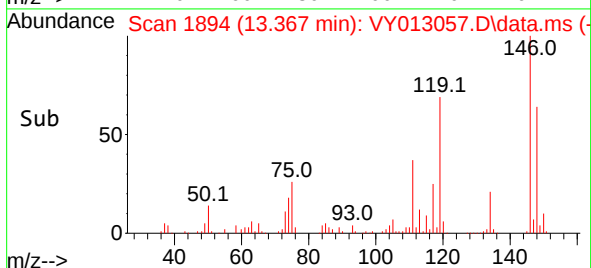
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

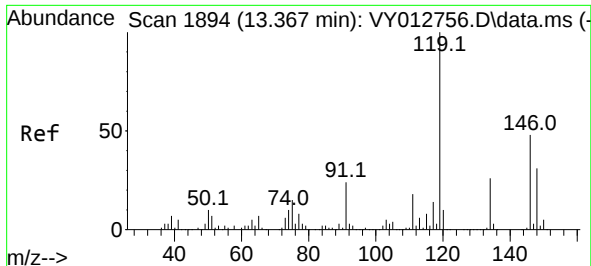


#86
 p-Isopropyltoluene
 Concen: 20.135 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013057.D
 Acq: 23 Mar 2023 13:11



Tgt Ion:119 Resp: 99811
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 23.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.574 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0323SBS01

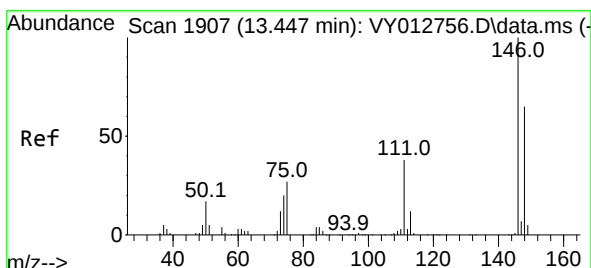
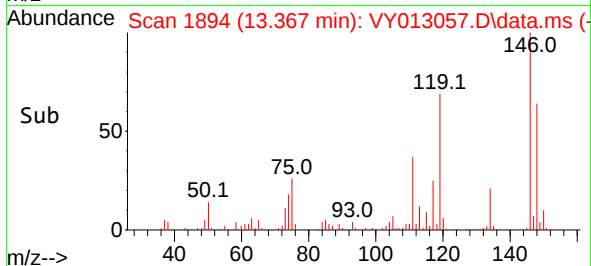
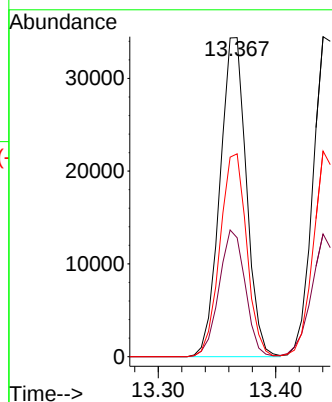
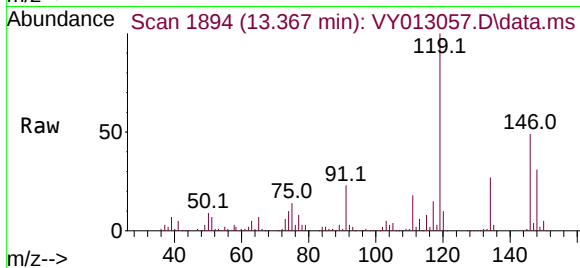
Tgt Ion:146 Resp: 5380
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.5
 148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Mahesh Dadoda 03/24/2023



#88

1,4-Dichlorobenzene

Concen: 20.404 ug/l

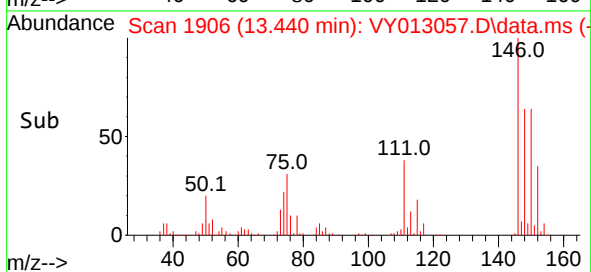
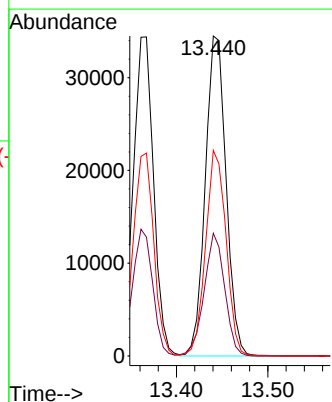
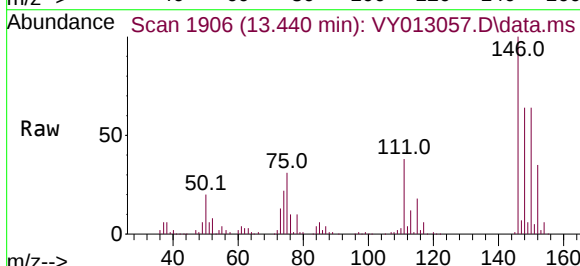
RT: 13.440 min Scan# 1906

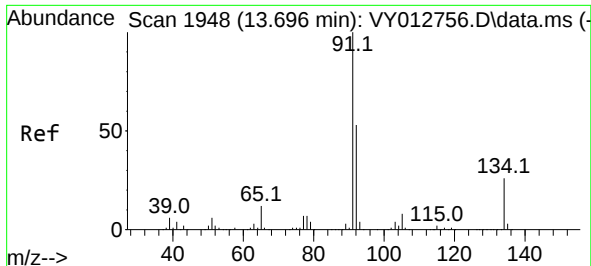
Delta R.T. -0.006 min

Lab File: VY013057.D

Acq: 23 Mar 2023 13:11

Tgt Ion:146 Resp: 54460
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 55.8
 148 63.2 31.5 94.5





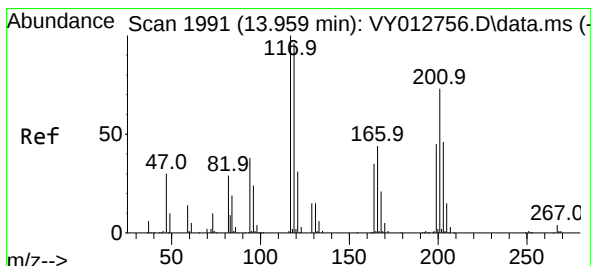
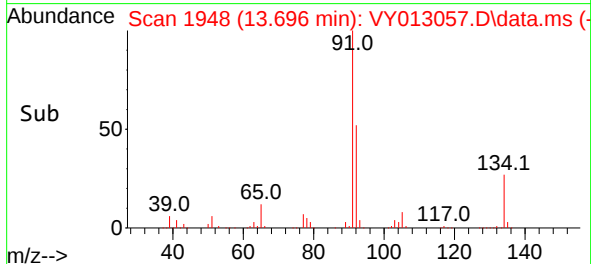
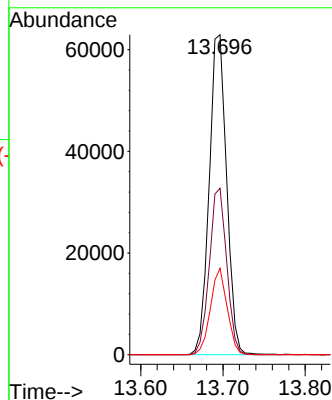
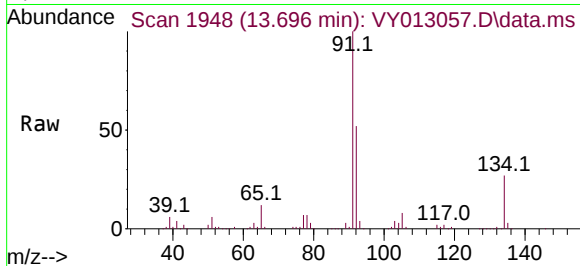
#89
n-Butylbenzene
Concen: 19.548 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion: 91 Resp: 9276
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 25.9 13.0 38.9

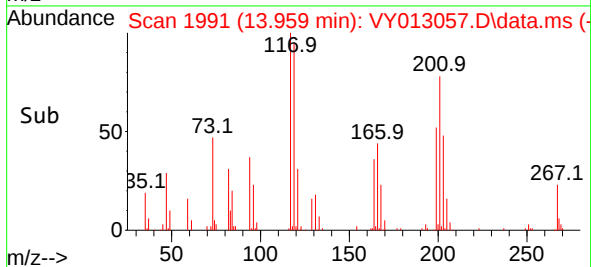
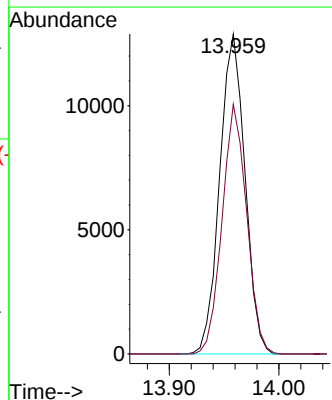
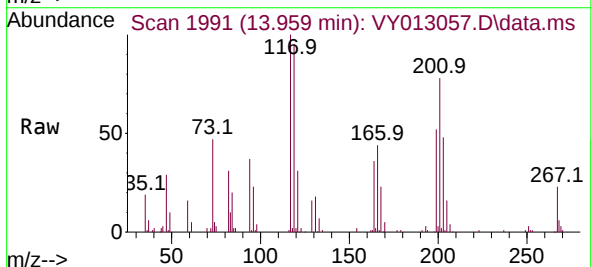
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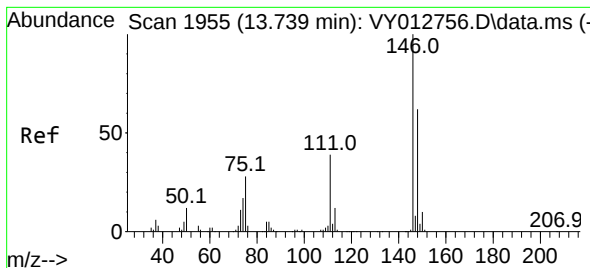
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#90
Hexachloroethane
Concen: 19.978 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion:117 Resp: 20626
Ion Ratio Lower Upper
117 100
201 75.8 39.4 118.1





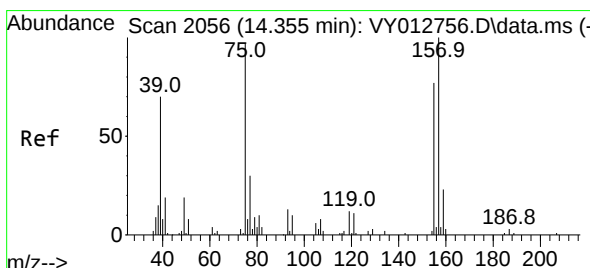
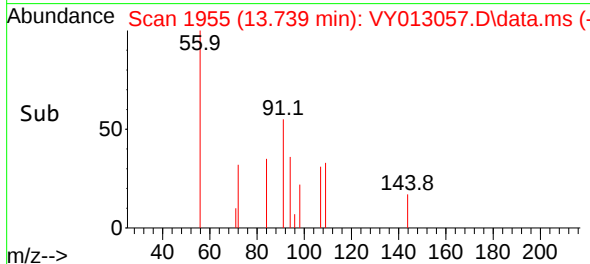
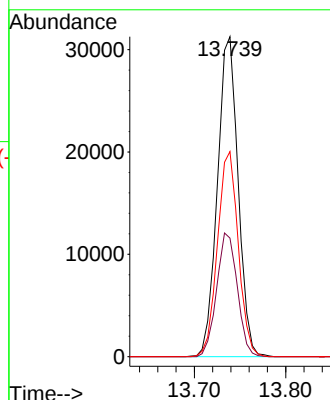
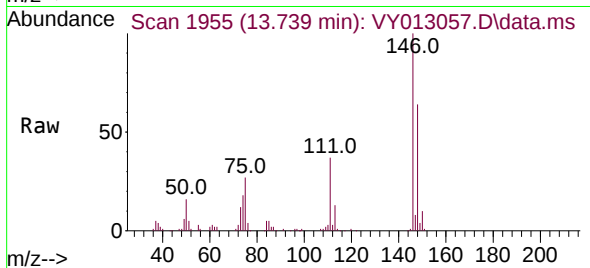
#91
1,2-Dichlorobenzene
Concen: 20.805 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion:146 Resp: 4918
Ion Ratio Lower Upper
146 100
111 38.6 19.7 59.1
148 64.5 31.9 95.5

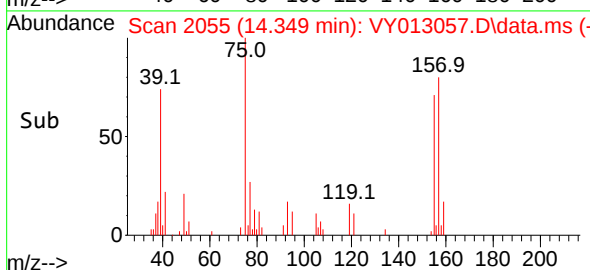
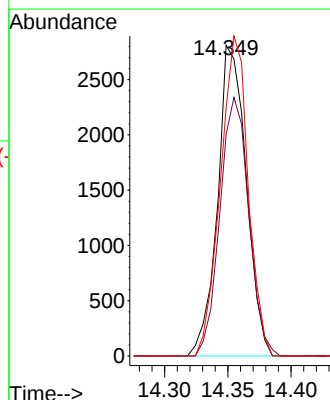
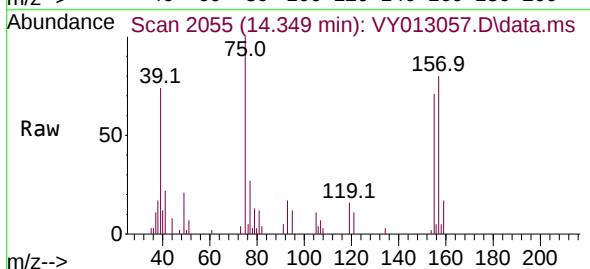
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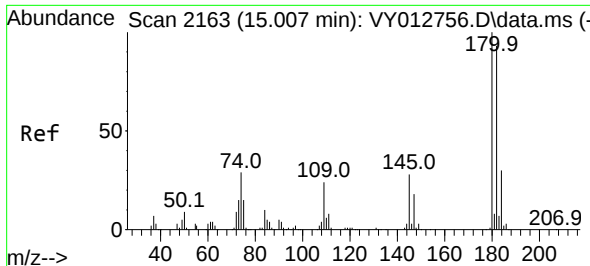
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.807 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

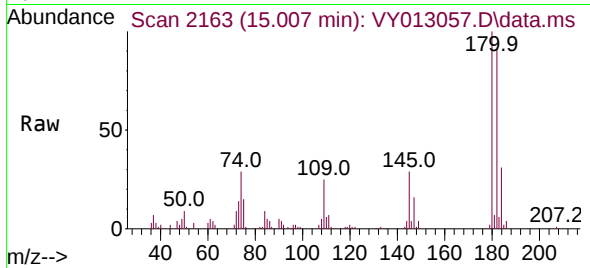
Tgt Ion: 75 Resp: 4422
Ion Ratio Lower Upper
75 100
155 83.6 43.8 131.4
157 99.9 54.1 162.3





#93
1,2,4-Trichlorobenzene
Concen: 17.345 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

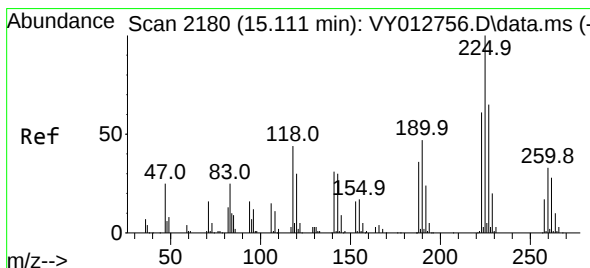
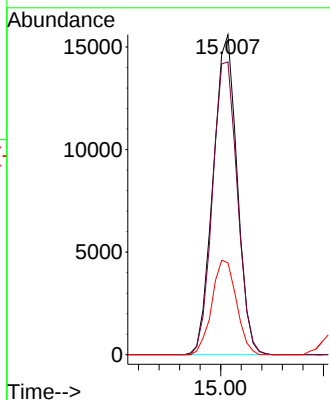
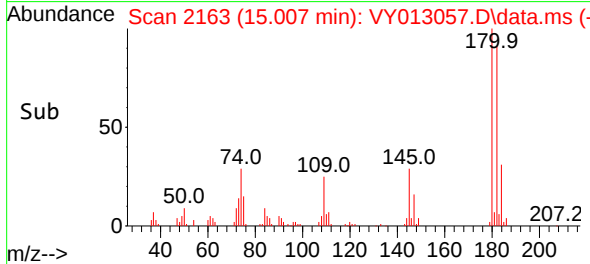
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01



Tgt Ion:180 Resp: 25240
Ion Ratio Lower Upper
180 100
182 94.6 46.7 140.1
145 30.2 14.6 43.8

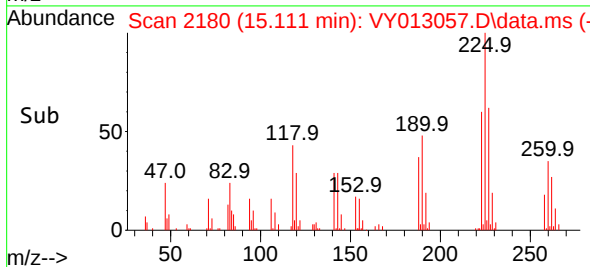
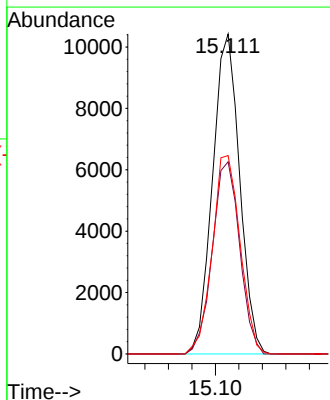
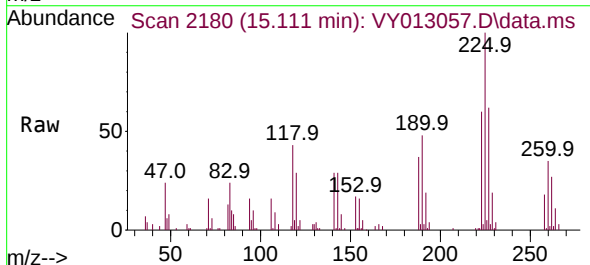
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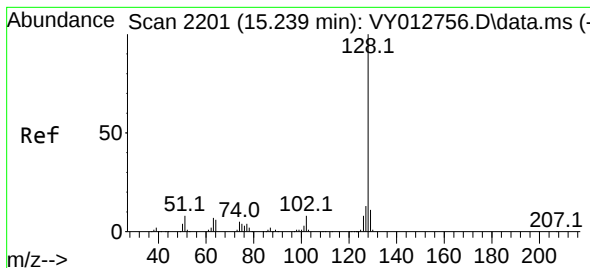
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#94
Hexachlorobutadiene
Concen: 18.746 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion:225 Resp: 16642
Ion Ratio Lower Upper
225 100
223 60.7 31.1 93.3
227 63.9 32.4 97.0





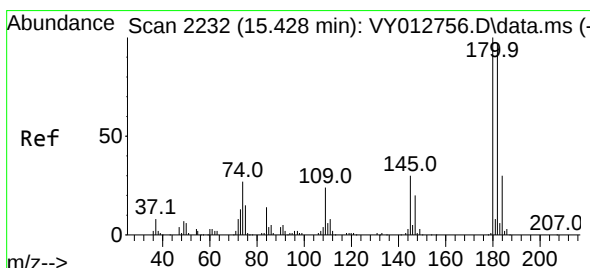
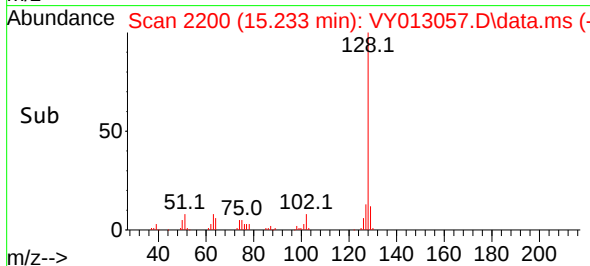
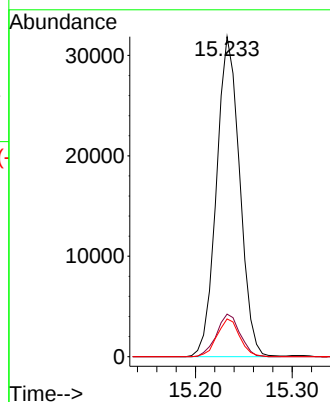
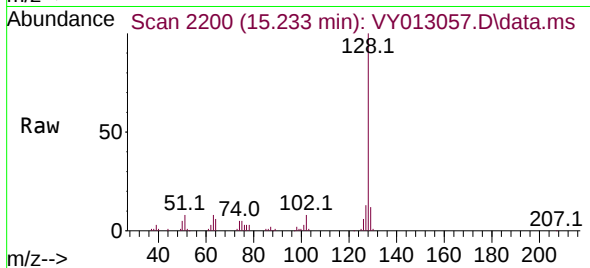
#95
Naphthalene
Concen: 18.194 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Tgt Ion:128 Resp: 5306
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.5 8.6 13.0

Manual Integrations
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Reviewed By :Krupa Patel 03/24/2023
Supervised By :Mahesh Dadoda 03/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.502 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY013057.D
Acq: 23 Mar 2023 13:11

Tgt Ion:180 Resp: 23951
Ion Ratio Lower Upper
180 100
182 97.0 47.4 142.3
145 30.8 15.3 45.8

