

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011762.D
 Acq On : 12 Dec 2022 11:48
 Operator : KP/MD
 Sample : VY1212SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

Quant Time: Dec 12 12:10:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	223857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	312730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73414	47.854	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.700%		
35) Dibromofluoromethane	7.716	113	75110	49.025	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.040%		
50) Toluene-d8	10.179	98	239435	47.395	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.780%		
62) 4-Bromofluorobenzene	12.483	95	96929	48.412	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30151	27.285	ug/l	97
3) Chloromethane	2.113	50	30166	22.933	ug/l	97
4) Vinyl Chloride	2.253	62	34748	22.168	ug/l	96
5) Bromomethane	2.644	94	24218	22.944	ug/l	97
6) Chloroethane	2.790	64	23350	21.035	ug/l	98
7) Trichlorofluoromethane	3.125	101	64212	20.867	ug/l	99
8) Diethyl Ether	3.528	74	20953	19.439	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	37055	20.172	ug/l	99
10) Methyl Iodide	4.095	142	41665	19.372	ug/l	97
11) Tert butyl alcohol	4.948	59	22530	98.155	ug/l	100
12) 1,1-Dichloroethene	3.875	96	33585	20.272	ug/l	99
13) Acrolein	3.729	56	30856	97.778	ug/l	99
14) Allyl chloride	4.479	41	51027	18.542	ug/l	96
15) Acrylonitrile	5.161	53	57450	99.302	ug/l	99
16) Acetone	3.948	43	56329	92.154	ug/l	95
17) Carbon Disulfide	4.192	76	78356	20.710	ug/l	98
18) Methyl Acetate	4.472	43	33104	21.749	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	103236	19.902	ug/l	99
20) Methylene Chloride	4.716	84	53233	21.065	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	38001	20.408	ug/l	94
22) Diisopropyl ether	6.119	45	121441	20.226	ug/l	99
23) Vinyl Acetate	6.064	43	342220	99.910	ug/l	99
24) 1,1-Dichloroethane	6.021	63	72732	19.935	ug/l	99
25) 2-Butanone	6.984	43	76771	97.642	ug/l	100
26) 2,2-Dichloropropane	6.984	77	68482	19.950	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	45278	19.896	ug/l	98
28) Bromochloromethane	7.338	49	26062	19.621	ug/l	98
29) Tetrahydrofuran	7.350	42	44807	100.124	ug/l	99
30) Chloroform	7.509	83	78750	20.189	ug/l	97
31) Cyclohexane	7.789	56	57601	20.271	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	70940	20.393	ug/l	100
36) 1,1-Dichloropropene	7.917	75	54506	20.862	ug/l	100
37) Ethyl Acetate	7.082	43	30834	20.186	ug/l	98
38) Carbon Tetrachloride	7.905	117	65633	21.385	ug/l	96
39) Methylcyclohexane	9.185	83	61246	20.833	ug/l	99
40) Benzene	8.161	78	161898	20.742	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	14776m	19.162	ug/l	
42) 1,2-Dichloroethane	8.240	62	50413	20.886	ug/l	100
43) Isopropyl Acetate	8.277	43	56219	20.297	ug/l	100
44) Trichloroethene	8.941	130	45042	20.605	ug/l	99
45) 1,2-Dichloropropane	9.216	63	40847	20.219	ug/l	100
46) Dibromomethane	9.307	93	23083	20.412	ug/l	98
47) Bromodichloromethane	9.496	83	58857	20.146	ug/l	97
48) Methyl methacrylate	9.295	41	24511	20.076	ug/l	99
49) 1,4-Dioxane	9.301	88	6361	406.039	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	154259	101.075	ug/l	100
52) Toluene	10.246	92	104088	20.977	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	59725	20.467	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	66498	20.282	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	34354	20.554	ug/l	98
56) Ethyl methacrylate	10.508	69	43915	20.353	ug/l	99
57) 1,3-Dichloropropane	10.788	76	57106	20.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	105012	104.961	ug/l	100
59) 2-Hexanone	10.831	43	108509	99.509	ug/l	99
60) Dibromochloromethane	10.983	129	43764	20.906	ug/l	100
61) 1,2-Dibromoethane	11.087	107	30596	20.206	ug/l	98
64) Tetrachloroethene	10.721	164	45200	20.428	ug/l	96
65) Chlorobenzene	11.514	112	114199	20.266	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	44577	20.392	ug/l	100
67) Ethyl Benzene	11.593	91	201326	20.277	ug/l	98
68) m/p-Xylenes	11.703	106	155186	40.813	ug/l	99
69) o-Xylene	12.032	106	73114	20.173	ug/l	99
70) Styrene	12.044	104	126611	20.468	ug/l	99
71) Bromoform	12.209	173	27580	20.455	ug/l #	100
73) Isopropylbenzene	12.331	105	202996	20.308	ug/l	100
74) N-amyl acetate	12.142	43	46722	19.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	39767	20.428	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	31500m	20.181	ug/l	
77) Bromobenzene	12.611	156	47639	20.412	ug/l	99
78) n-propylbenzene	12.672	91	243426	20.321	ug/l	99
79) 2-Chlorotoluene	12.758	91	137833	20.161	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	172678	20.438	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13647	19.840	ug/l	99
82) 4-Chlorotoluene	12.855	91	141022	19.888	ug/l	99
83) tert-Butylbenzene	13.075	119	148664	20.207	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	170386	20.482	ug/l	99
85) sec-Butylbenzene	13.251	105	222419	20.301	ug/l	99
86) p-Isopropyltoluene	13.373	119	185384	20.330	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	94290	20.076	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	93847	20.105	ug/l	99
89) n-Butylbenzene	13.696	91	165759	19.996	ug/l	99
90) Hexachloroethane	13.959	117	36399	20.088	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	85636	20.262	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6442	18.981	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	47110	19.111	ug/l	99
94) Hexachlorobutadiene	15.111	225	30789	19.658	ug/l	99
95) Naphthalene	15.239	128	89656	18.779	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	40828	19.175	ug/l	99

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

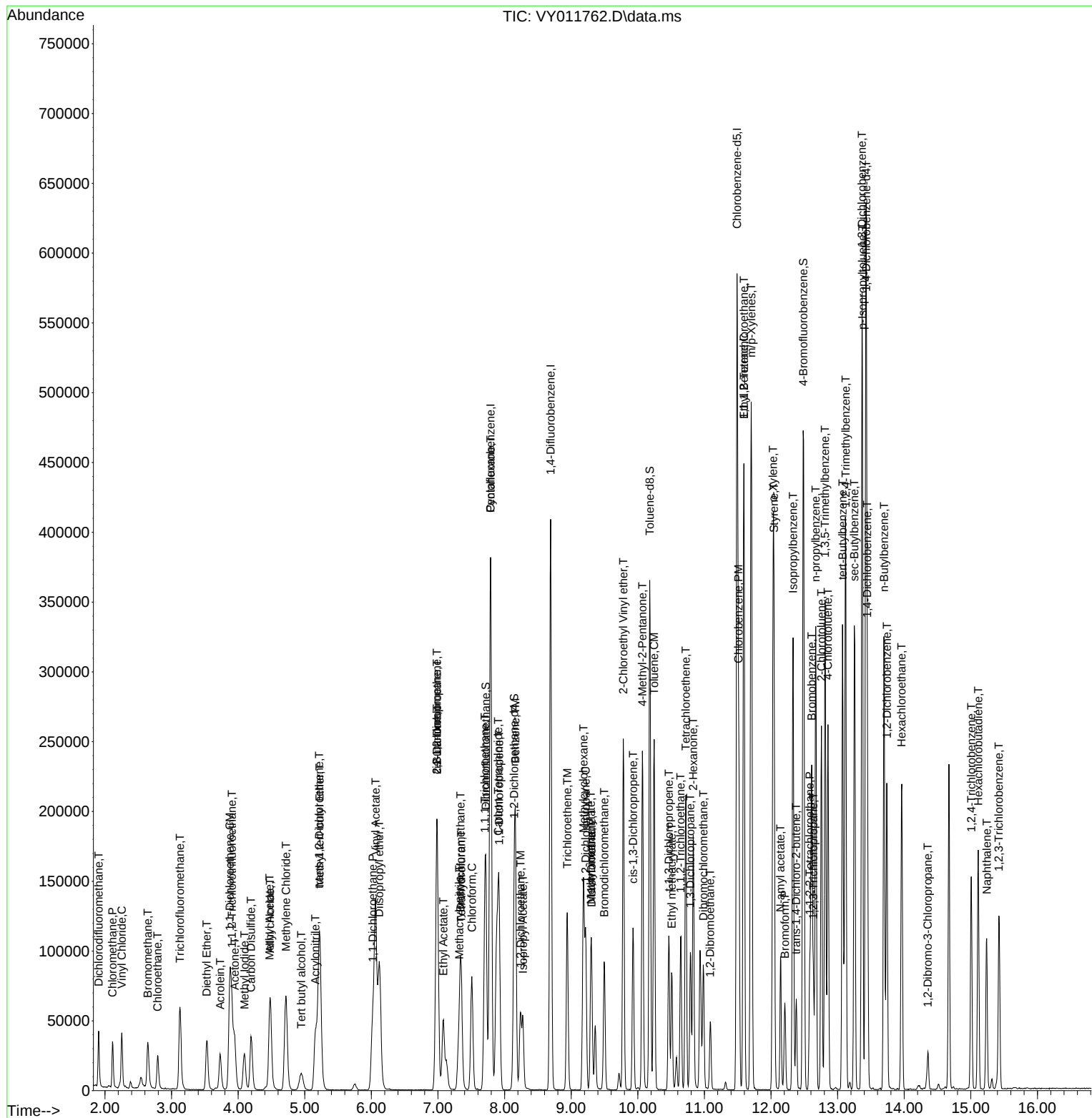
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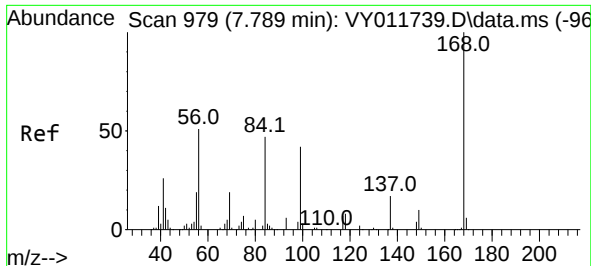
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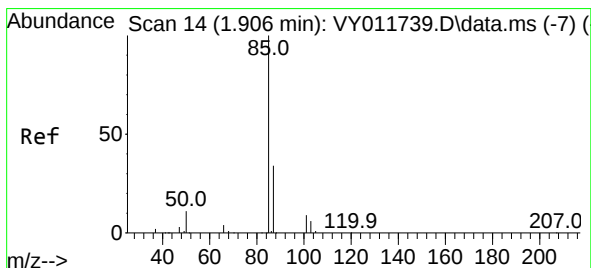
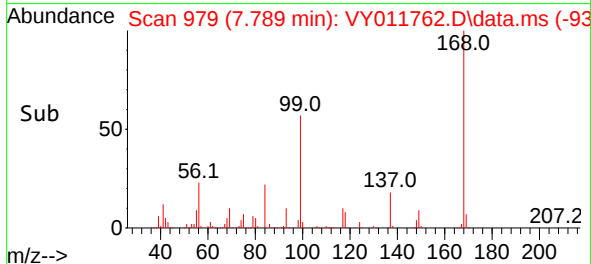
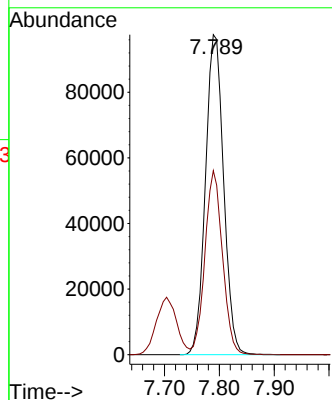
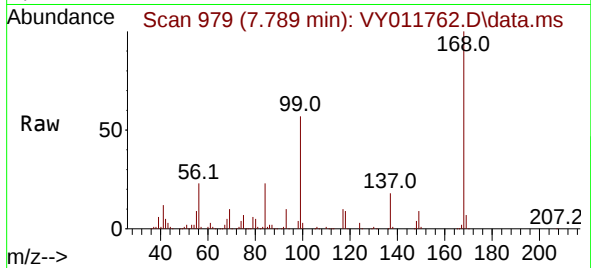
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011762.D
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ClientSampleId :
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Tgt Ion:168 Resp: 22385
Ion Ratio Lower Upper
168 100
99 57.5 44.0 66.0

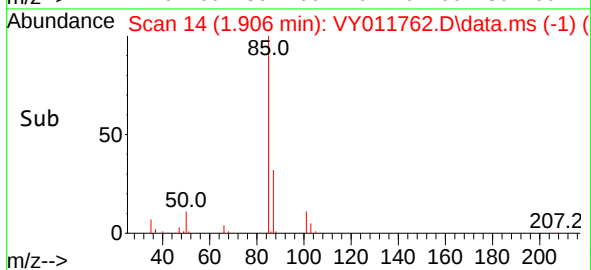
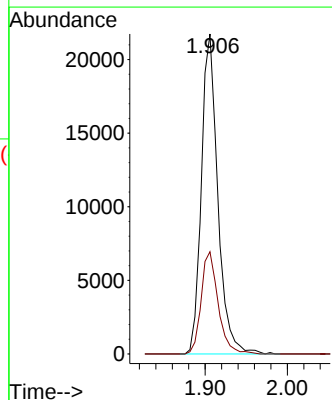
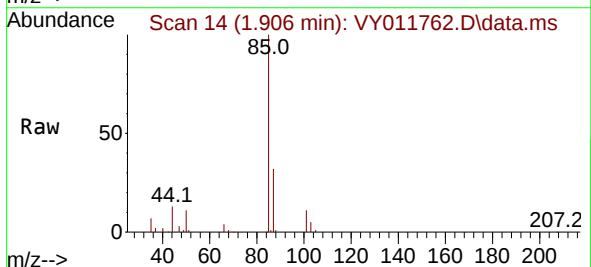
Manual Integrations
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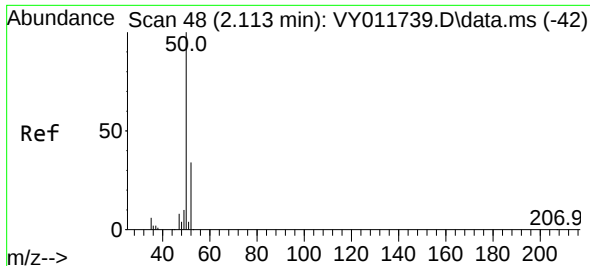
Reviewed By :Krupa Patel 12/13/2022
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#2
Dichlorodifluoromethane
Concen: 27.285 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011762.D
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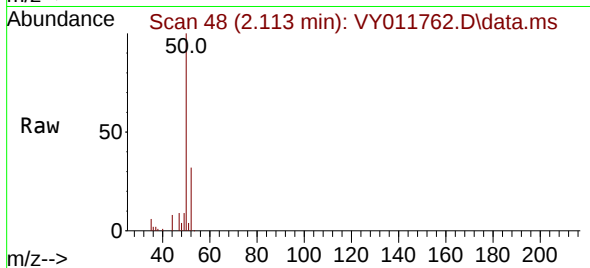
Tgt Ion: 85 Resp: 30151
Ion Ratio Lower Upper
85 100
87 31.9 16.8 50.4





#3
Chloromethane
Concen: 22.933 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

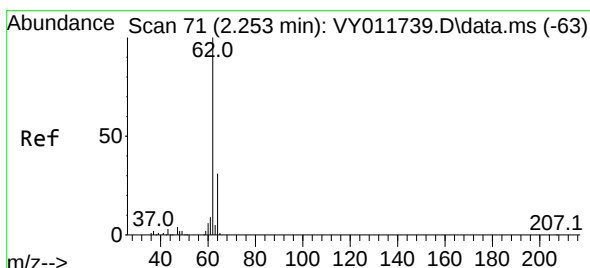
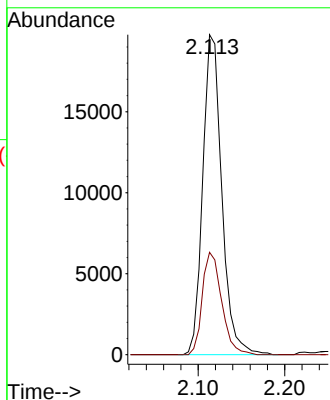
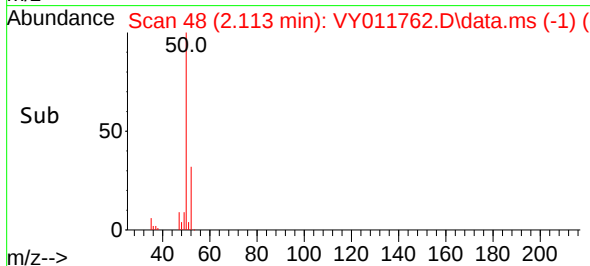
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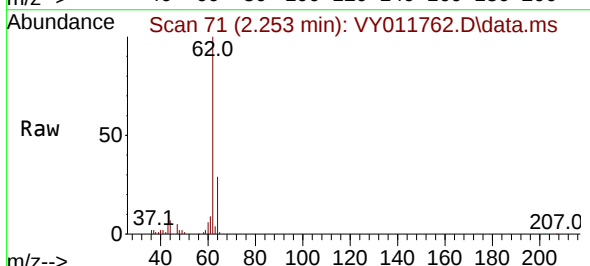
Tgt Ion: 50 Resp: 3016
Ion Ratio Lower Upper
50 100
52 32.0 26.8 40.2

Manual Integrations
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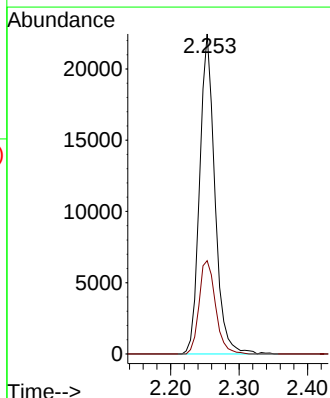
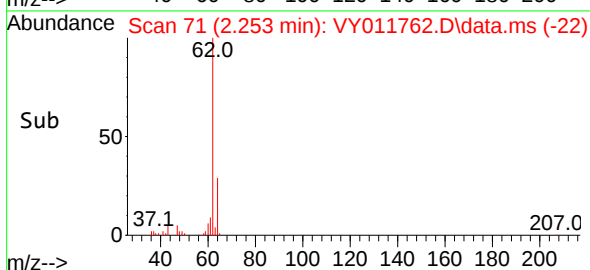
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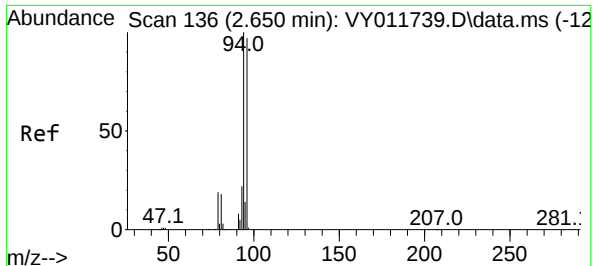


#4
Vinyl Chloride
Concen: 22.168 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48



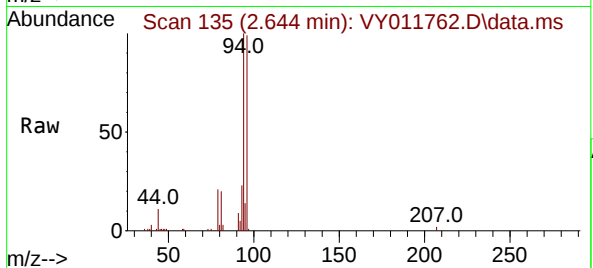
Tgt Ion: 62 Resp: 34748
Ion Ratio Lower Upper
62 100
64 29.2 25.0 37.6





#5
Bromomethane
Concen: 22.944 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011762.D
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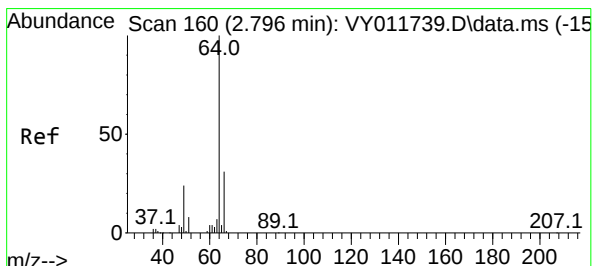
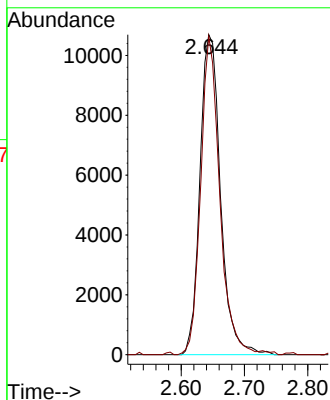
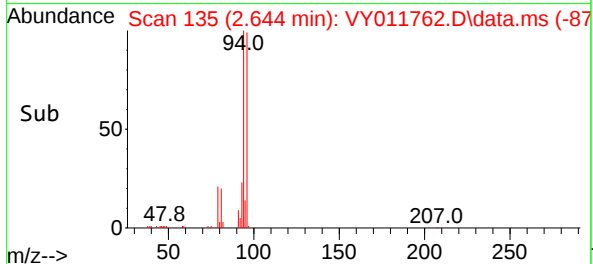
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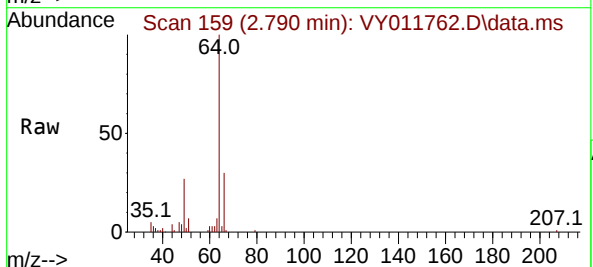
Tgt Ion: 94 Resp: 24218
Ion Ratio Lower Upper
94 100
96 99.4 77.4 116.2

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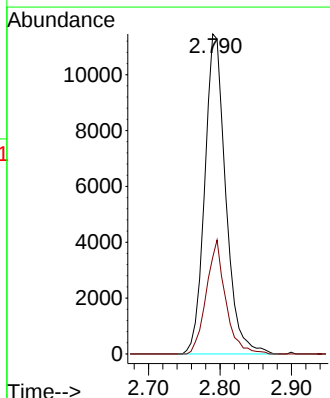
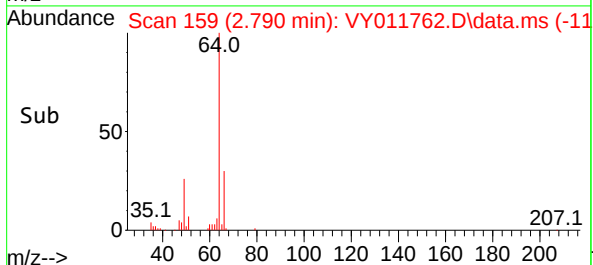
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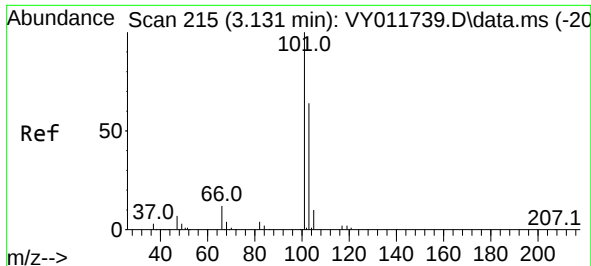


#6
Chloroethane
Concen: 21.035 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 23350
Ion Ratio Lower Upper
64 100
66 30.2 25.0 37.4





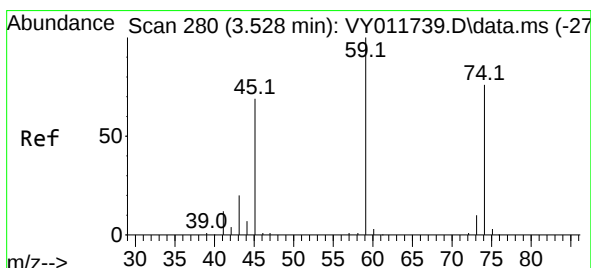
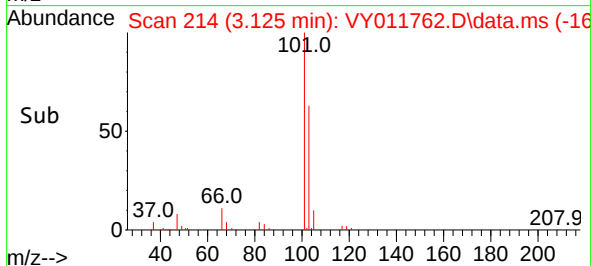
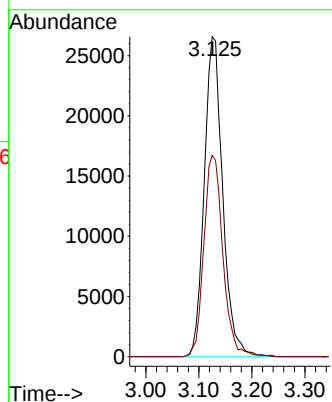
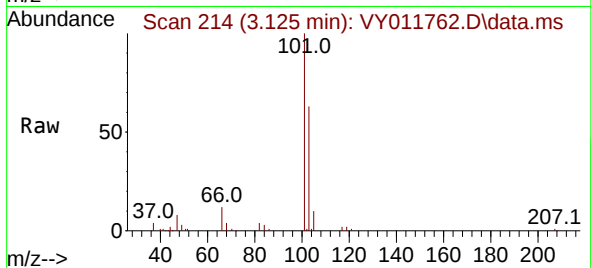
#7
Trichlorofluoromethane
Concen: 20.867 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY011762.D
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Instrument :
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Tgt Ion:101 Resp: 6421
Ion Ratio Lower Upper
101 100
103 62.9 51.0 76.6

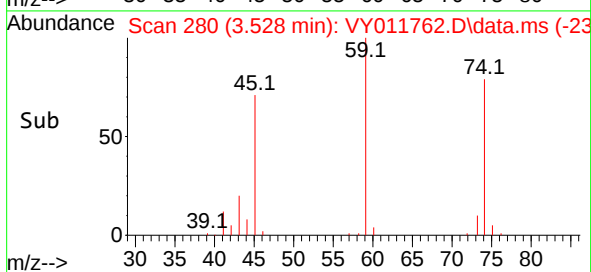
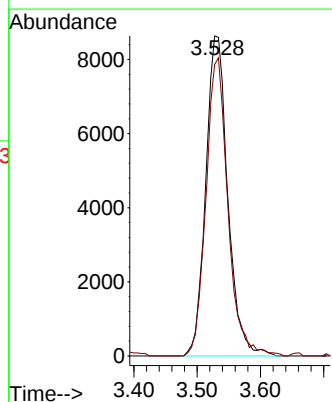
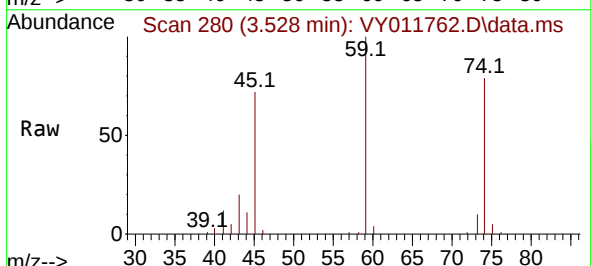
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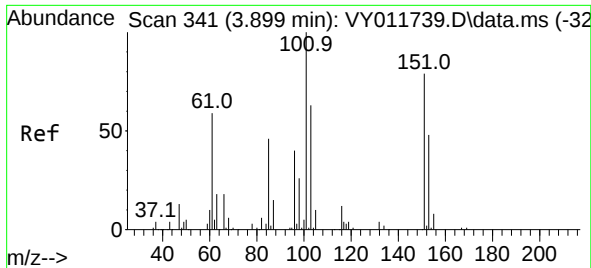
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#8
Diethyl Ether
Concen: 19.439 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Tgt Ion: 74 Resp: 20953
Ion Ratio Lower Upper
74 100
45 92.6 46.8 140.3





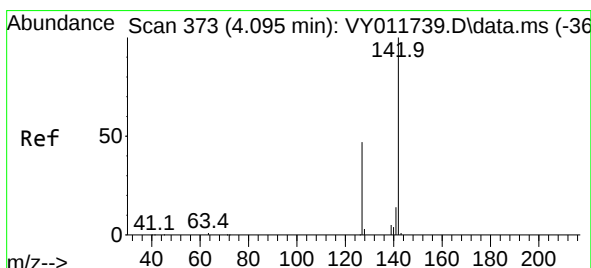
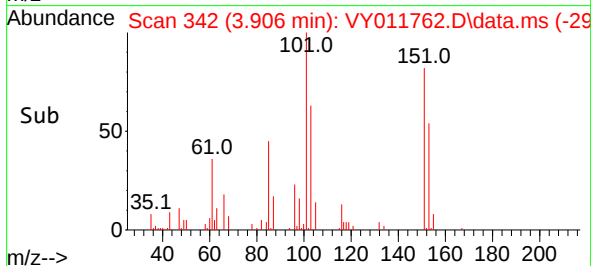
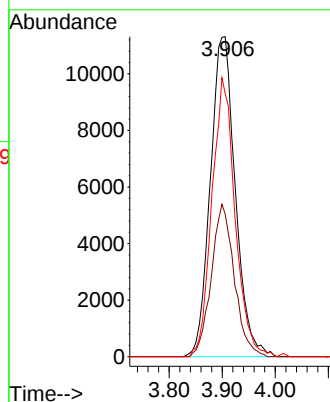
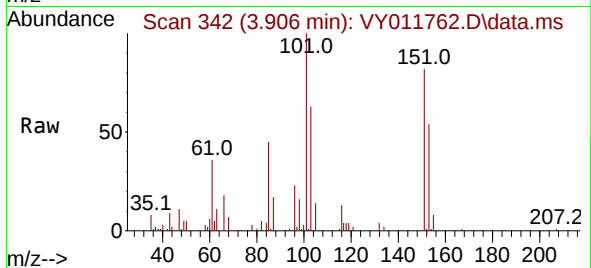
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.172 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tgt Ion:101 Resp: 3705
Ion Ratio Lower Upper
101 100
85 43.8 36.2 54.2
151 80.8 64.2 96.2

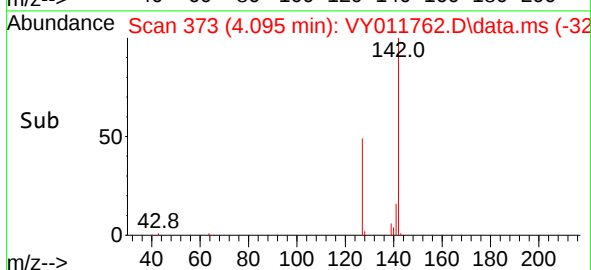
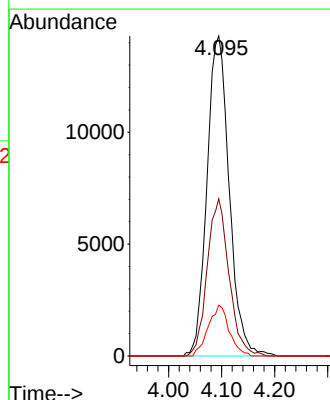
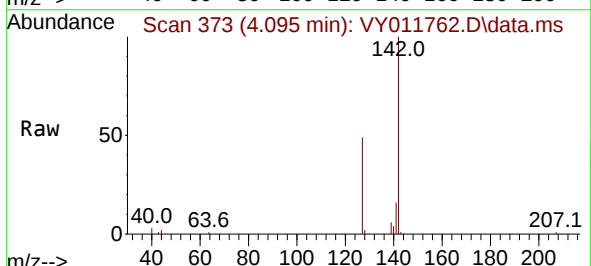
Manual Integrations
APPROVED

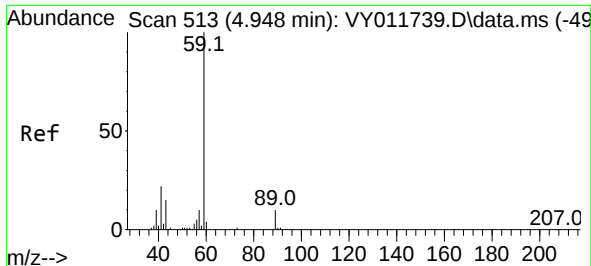
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
Methyl Iodide
Concen: 19.372 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

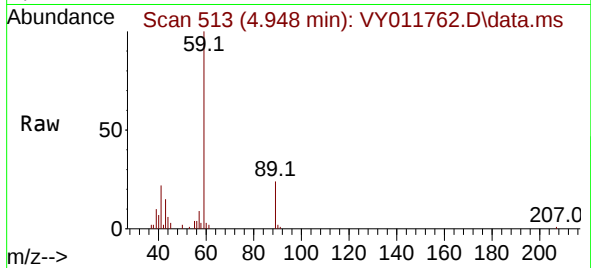
Tgt Ion:142 Resp: 41665
Ion Ratio Lower Upper
142 100
127 48.1 37.0 55.4
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 98.155 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

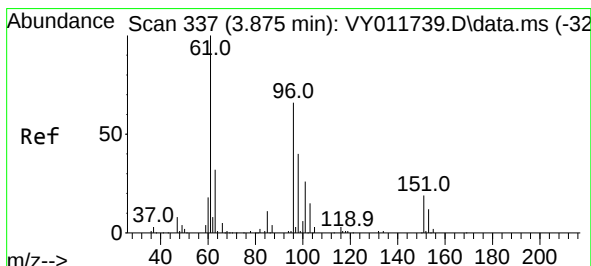
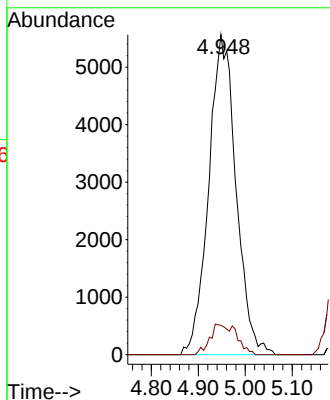
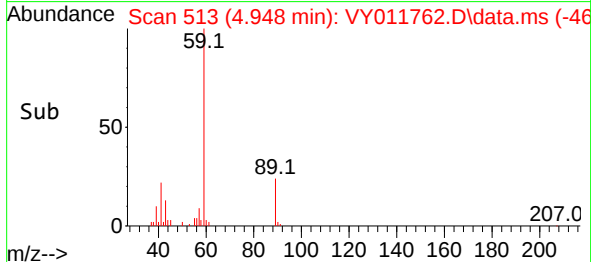
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01



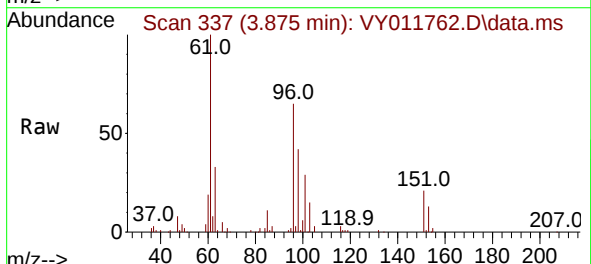
Tgt Ion: 59 Resp: 22530
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.2

Manual Integrations
APPROVED

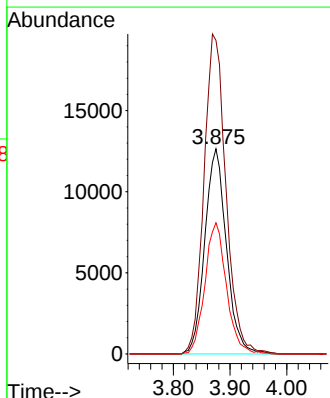
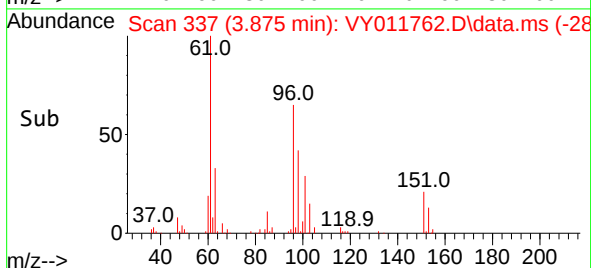
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

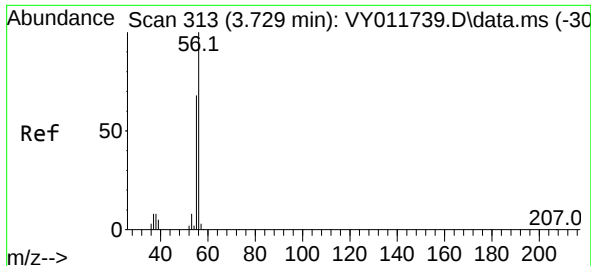


#12
1,1-Dichloroethene
Concen: 20.272 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48



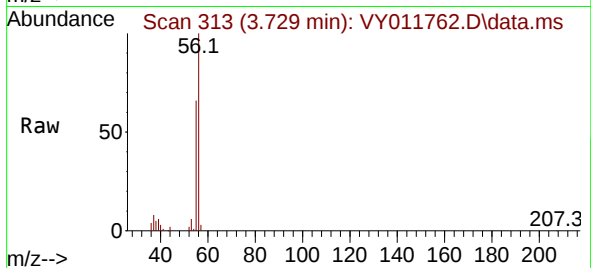
Tgt Ion: 96 Resp: 33585
Ion Ratio Lower Upper
96 100
61 152.9 122.0 183.0
98 64.0 48.6 73.0





#13
Acrolein
Concen: 97.778 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

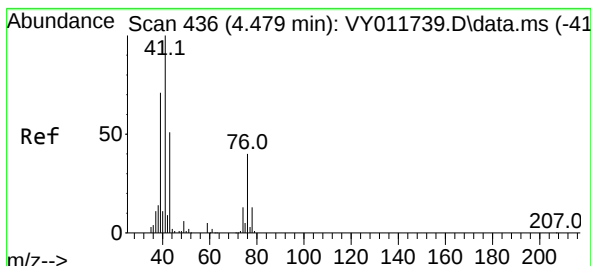
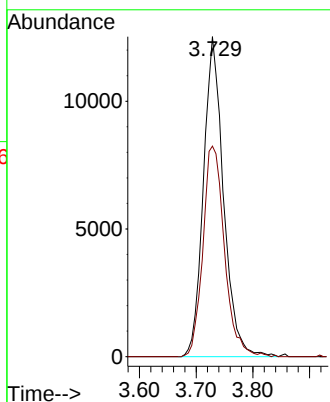
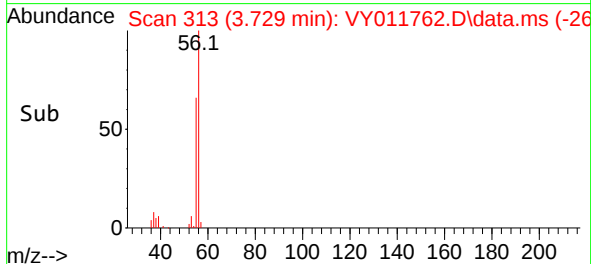
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01



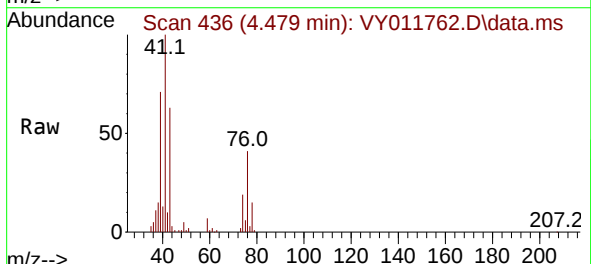
Tgt Ion: 56 Resp: 30850
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0

Manual Integrations
APPROVED

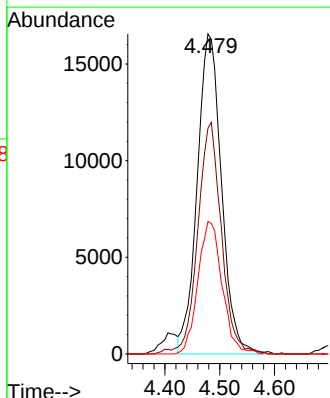
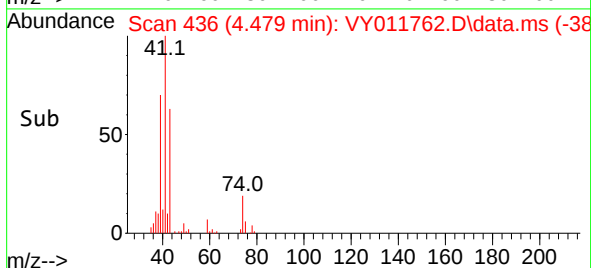
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

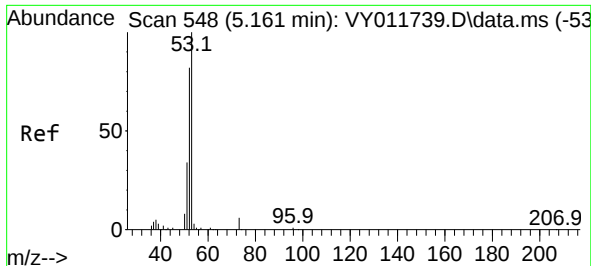


#14
Allyl chloride
Concen: 18.542 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48



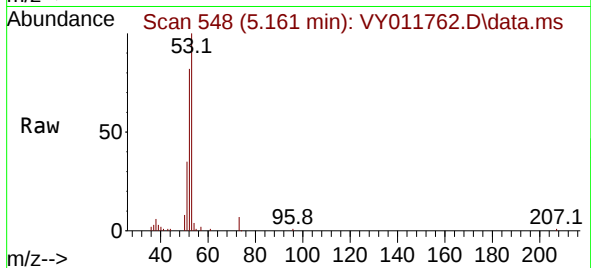
Tgt Ion: 41 Resp: 51027
Ion Ratio Lower Upper
41 100
39 70.5 53.5 80.3
76 41.1 31.1 46.7





#15
Acrylonitrile
Concen: 99.302 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

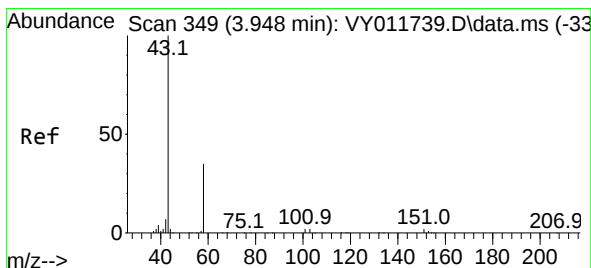
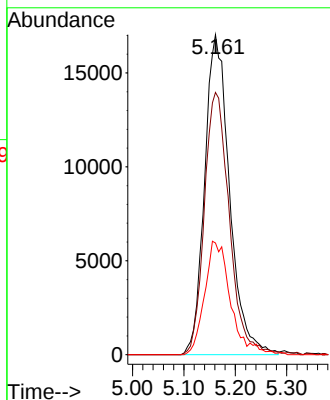
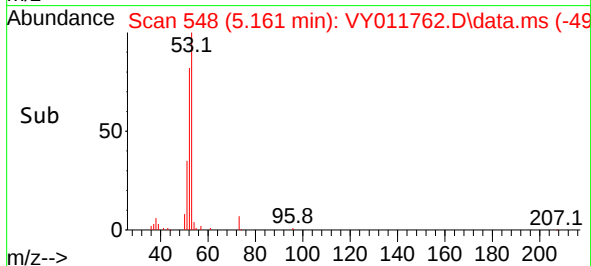
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01



Tgt Ion: 53 Resp: 57450
Ion Ratio Lower Upper
53 100
52 82.2 65.1 97.7
51 36.8 28.7 43.1

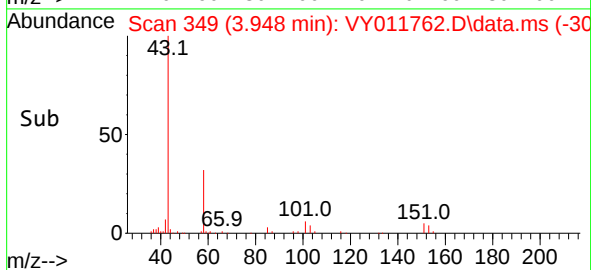
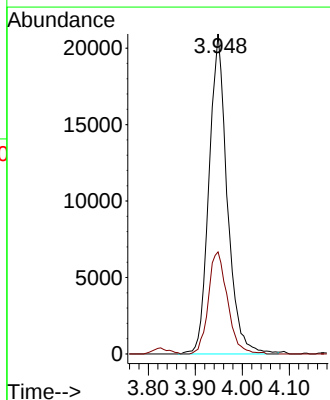
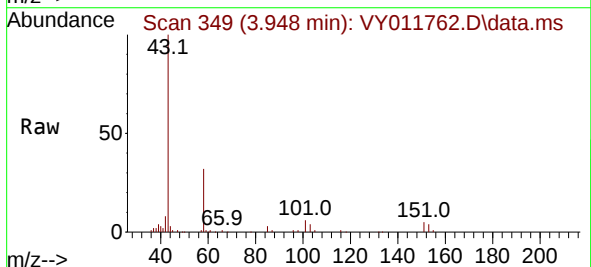
Manual Integrations
APPROVED

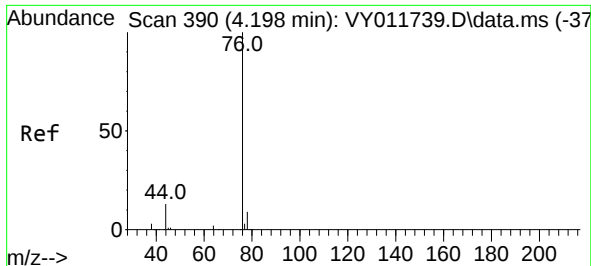
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#16
Acetone
Concen: 92.154 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

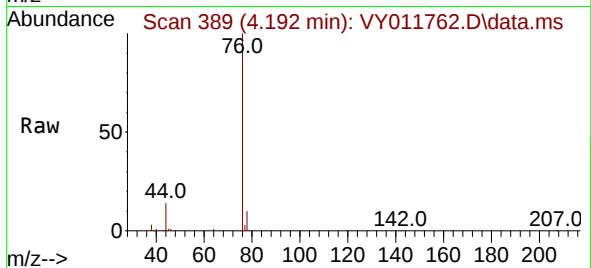
Tgt Ion: 43 Resp: 56329
Ion Ratio Lower Upper
43 100
58 31.9 27.9 41.9





#17
Carbon Disulfide
Concen: 20.710 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

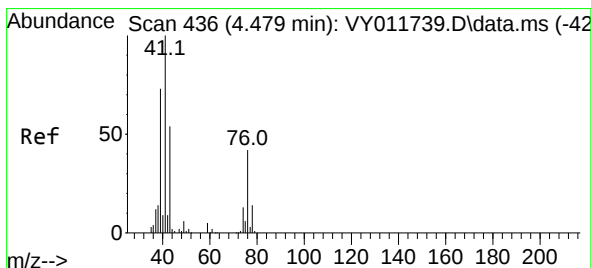
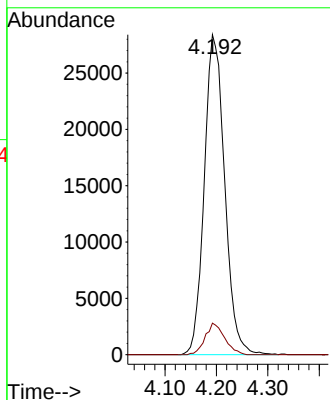
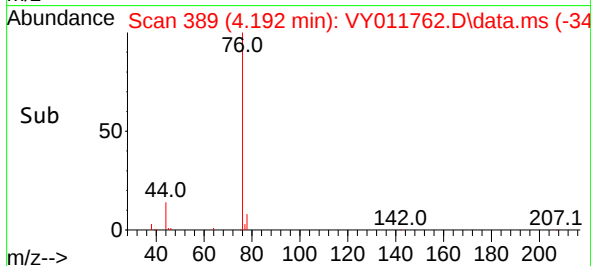
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01



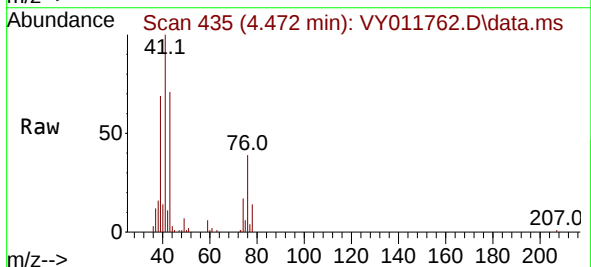
Tgt Ion: 76 Resp: 78350
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

Manual Integrations
APPROVED

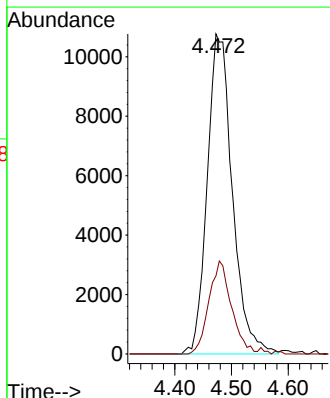
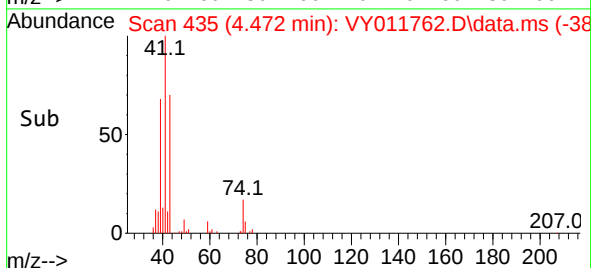
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

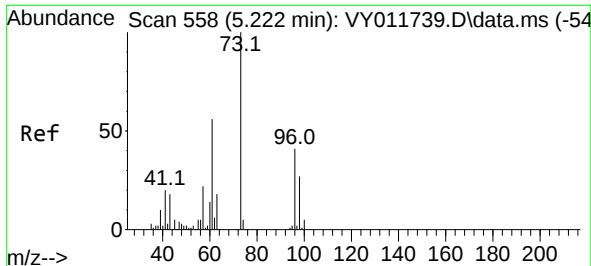


#18
Methyl Acetate
Concen: 21.749 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48



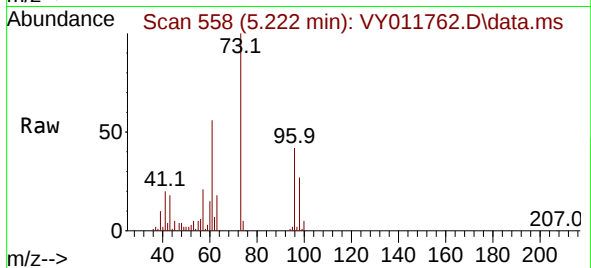
Tgt Ion: 43 Resp: 33104
Ion Ratio Lower Upper
43 100
74 26.1 20.1 30.1





#19
Methyl tert-butyl Ether
Concen: 19.902 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

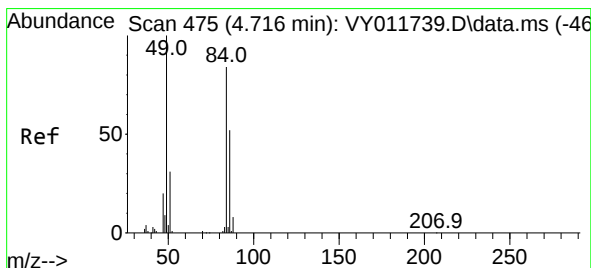
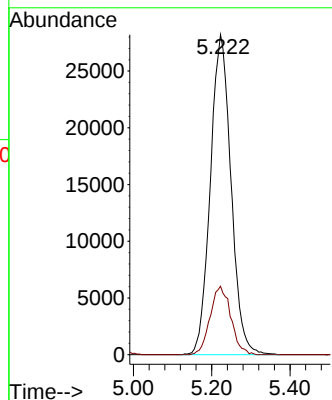
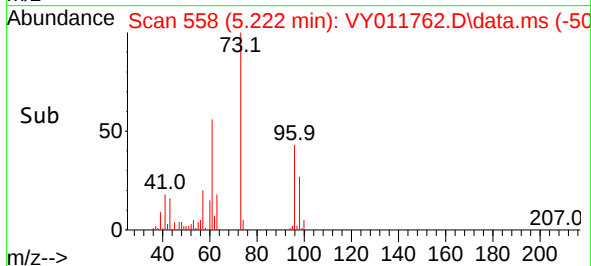
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01



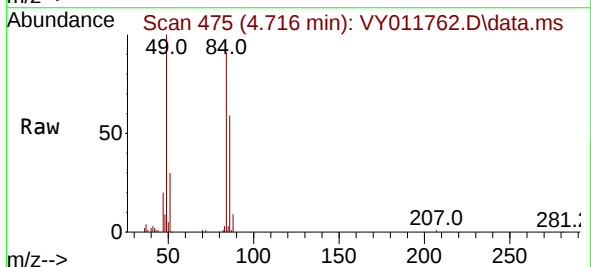
Tgt Ion: 73 Resp: 103230
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0

Manual Integrations
APPROVED

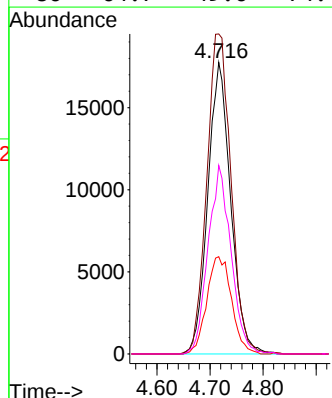
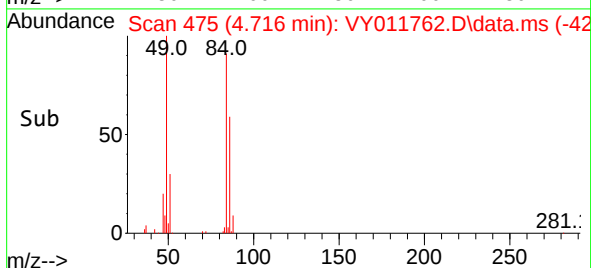
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

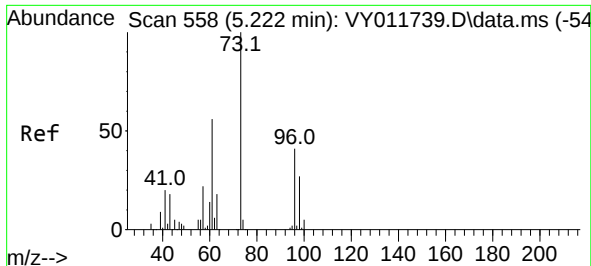


#20
Methylene Chloride
Concen: 21.065 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48



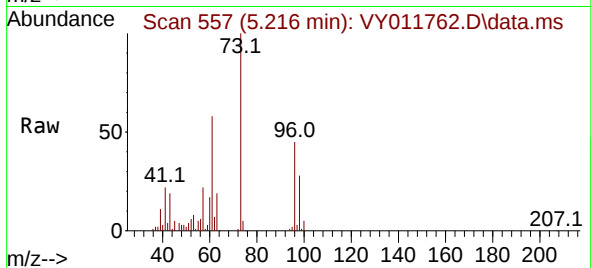
Tgt Ion: 84 Resp: 53233
Ion Ratio Lower Upper
84 100
49 109.8 95.4 143.2
51 33.4 29.9 44.9
86 64.7 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 20.408 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

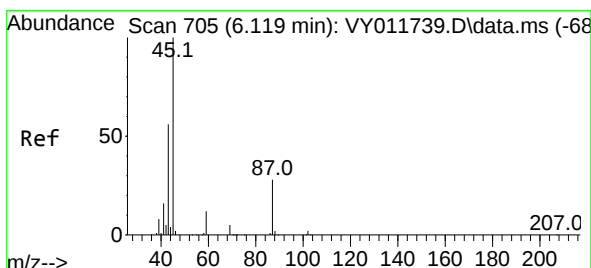
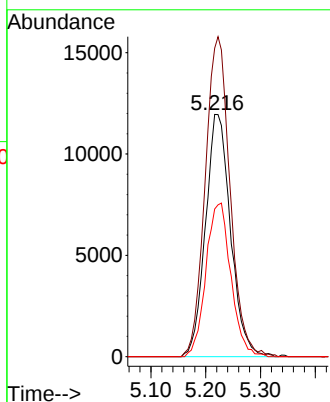
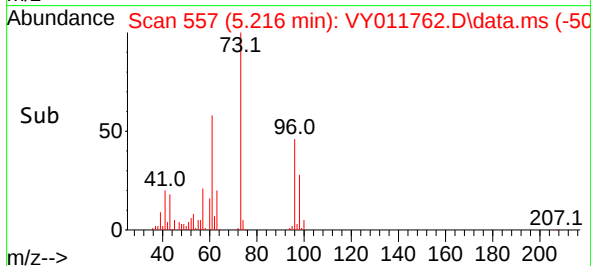
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01



Tgt Ion: 96 Resp: 3800
Ion Ratio Lower Upper
96 100
61 127.3 108.0 162.0
98 61.0 51.6 77.4

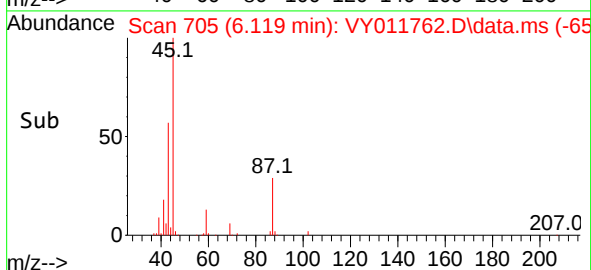
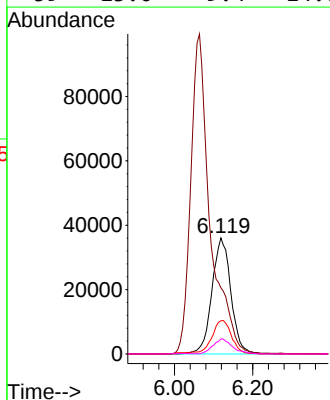
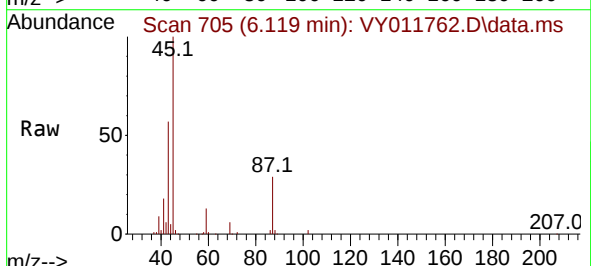
Manual Integrations
APPROVED

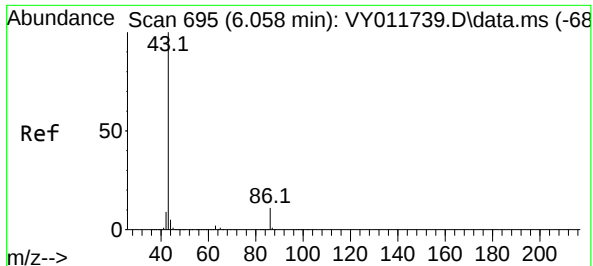
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#22
Diisopropyl ether
Concen: 20.226 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

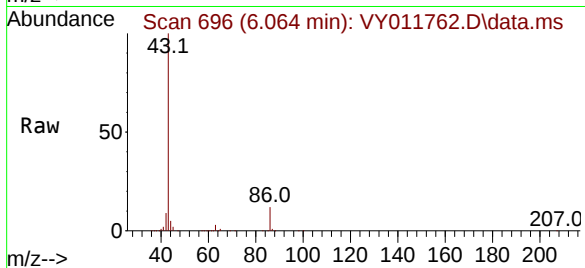
Tgt Ion: 45 Resp: 121441
Ion Ratio Lower Upper
45 100
43 56.4 45.0 67.4
87 28.6 22.6 33.8
59 13.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 99.910 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY011762.D
 Acq: 12 Dec 2022 11:48

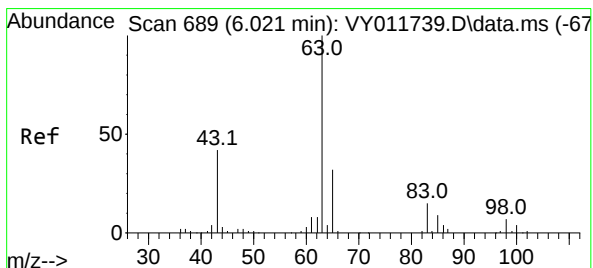
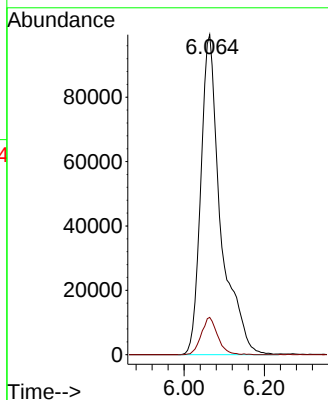
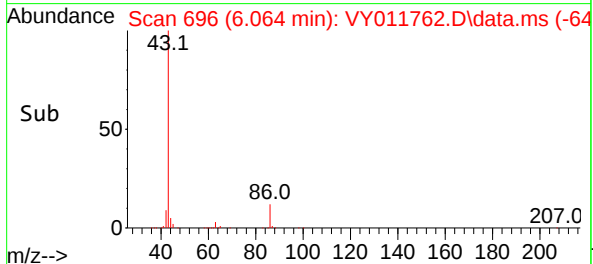
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01



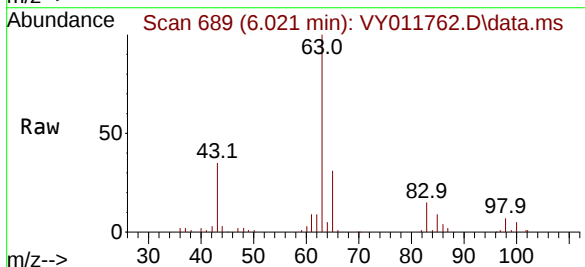
Tgt Ion: 43 Resp: 342220
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.0 13.4

Manual Integrations
 APPROVED

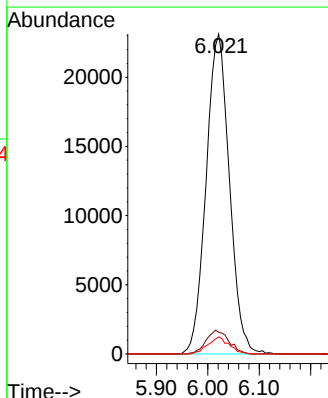
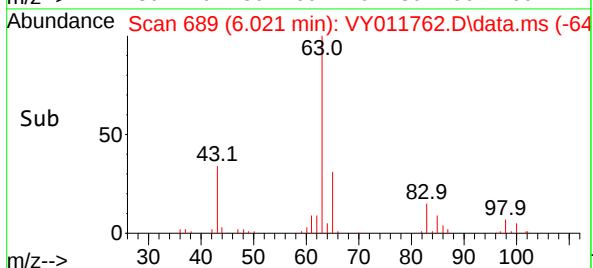
Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

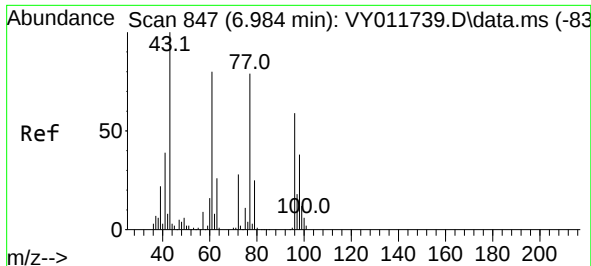


#24
 1,1-Dichloroethane
 Concen: 19.935 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011762.D
 Acq: 12 Dec 2022 11:48



Tgt Ion: 63 Resp: 72732
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 5.3 2.2 6.6





#25

2-Butanone

Concen: 97.642 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tgt Ion: 43 Resp: 7677

Ion Ratio Lower Upper

43 100

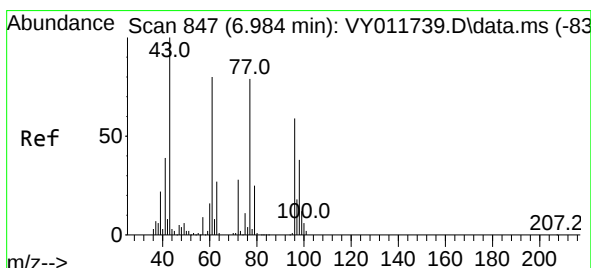
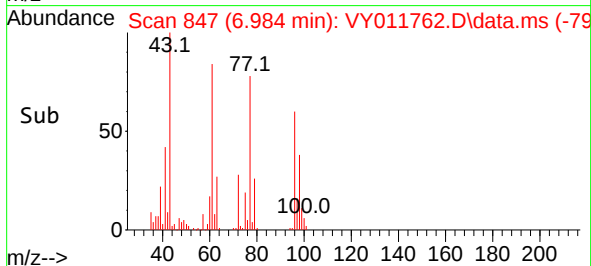
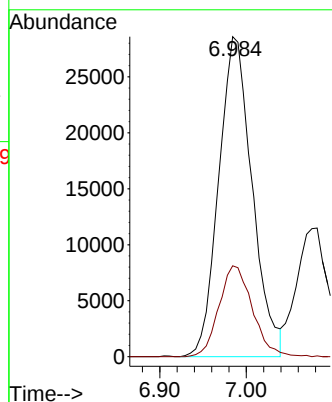
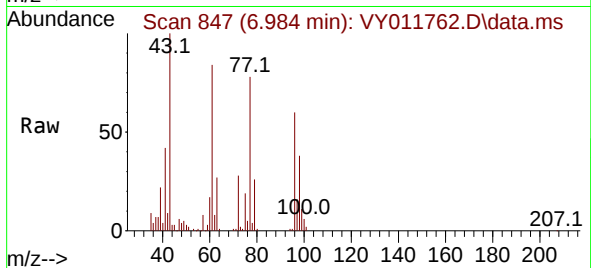
72 28.4 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#26

2,2-Dichloropropane

Concen: 19.950 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011762.D

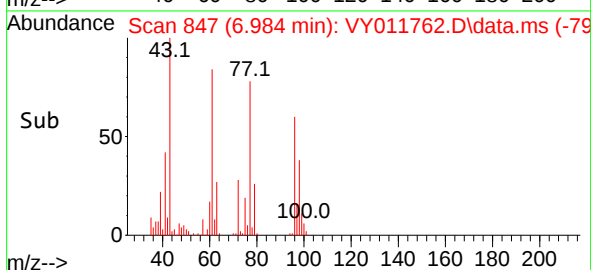
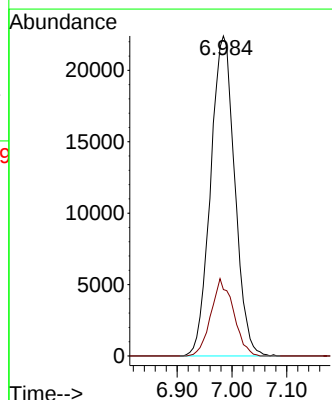
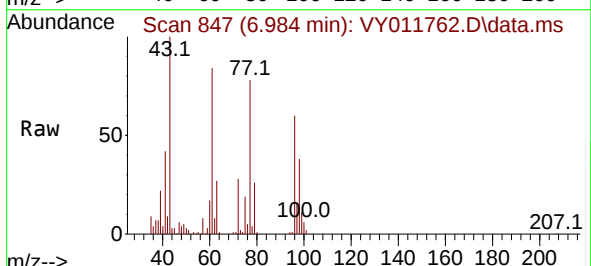
Acq: 12 Dec 2022 11:48

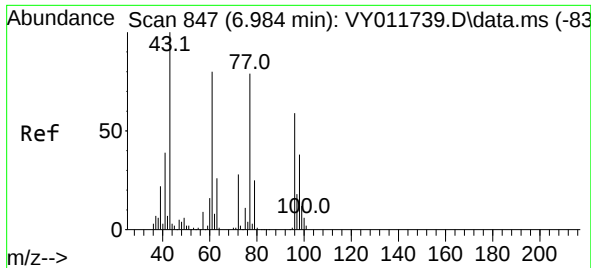
Tgt Ion: 77 Resp: 68482

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1





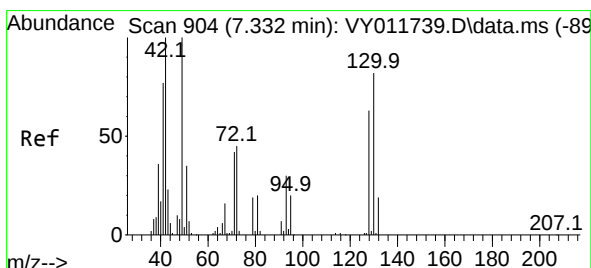
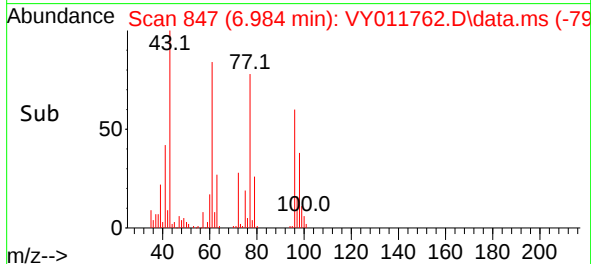
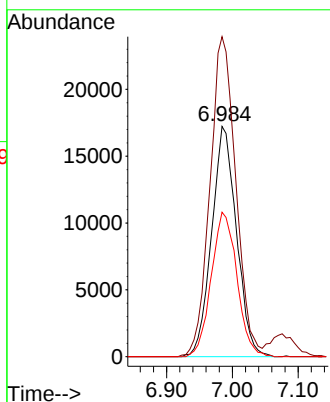
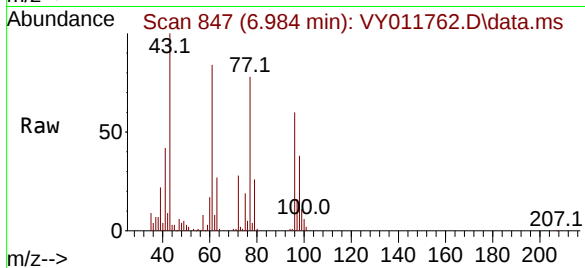
#27
 cis-1,2-Dichloroethene
 Concen: 19.896 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY011762.D
 Acq: 12 Dec 2022 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tgt Ion: 96 Resp: 45278
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 283.4
 98 64.9 0.0 127.6

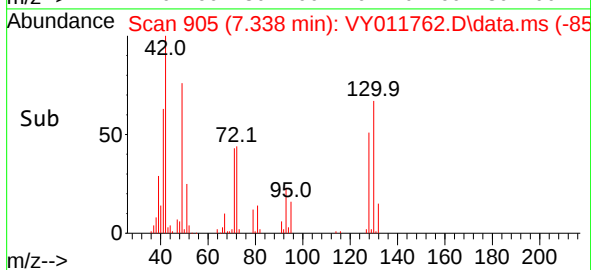
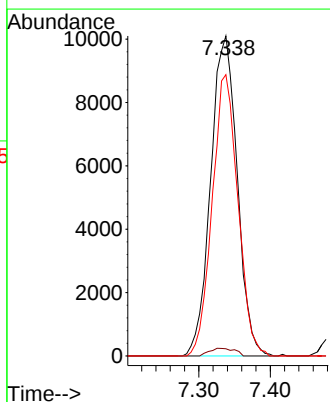
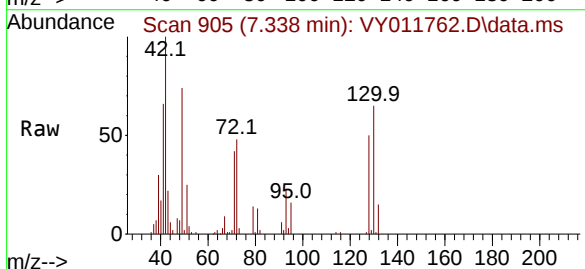
Manual Integrations
 APPROVED

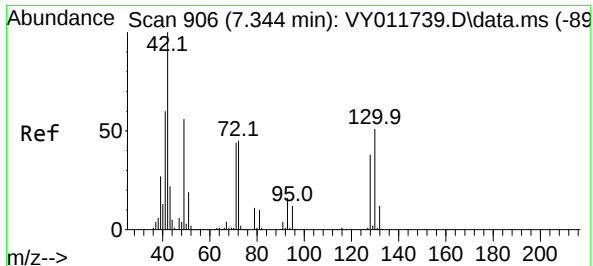
Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#28
 Bromochloromethane
 Concen: 19.621 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY011762.D
 Acq: 12 Dec 2022 11:48

Tgt Ion: 49 Resp: 26062
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 85.0 66.7 100.1





#29

Tetrahydrofuran

Concen: 100.124 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

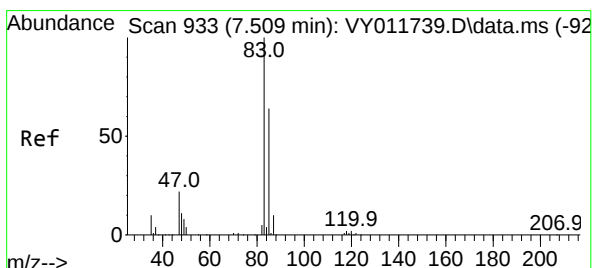
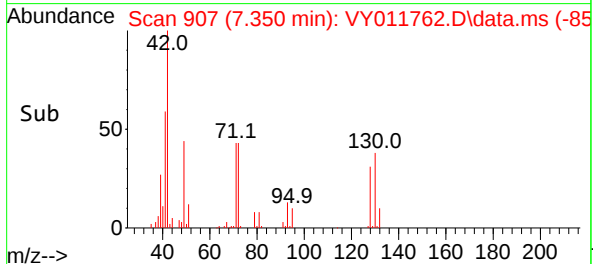
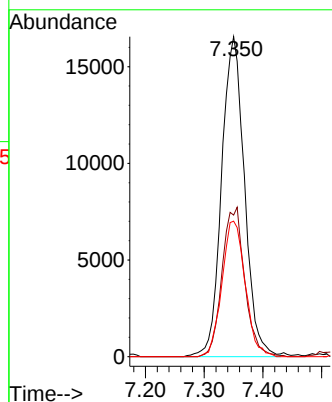
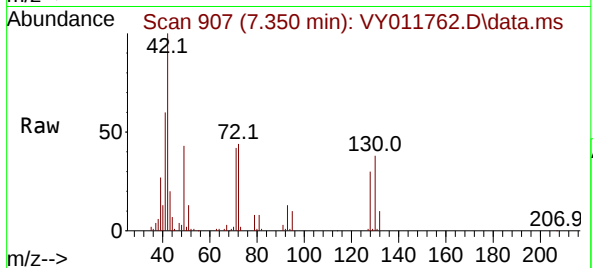
Tgt Ion:	42	Resp:	4480
Ion Ratio	Lower	Upper	
42	100		
72	46.2	37.0	55.6
71	42.9	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#30

Chloroform

Concen: 20.189 ug/l

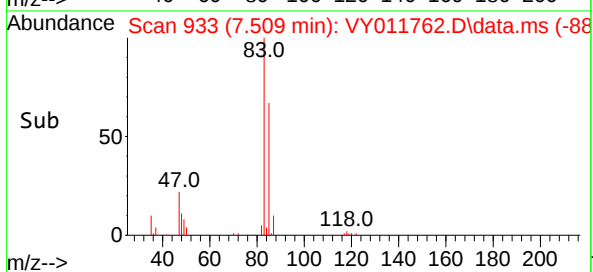
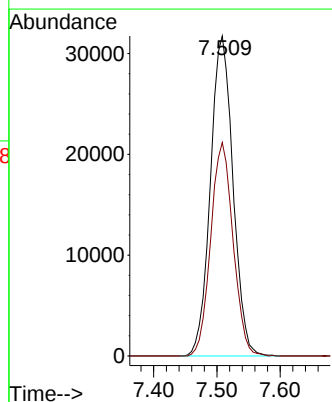
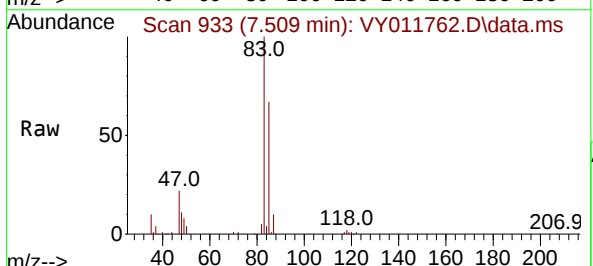
RT: 7.509 min Scan# 933

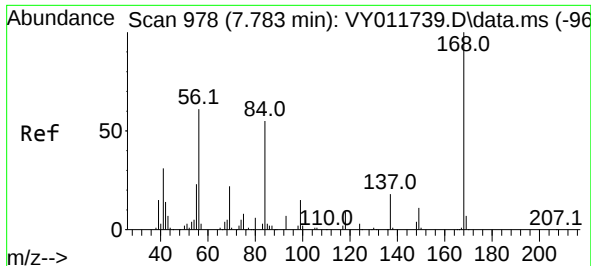
Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

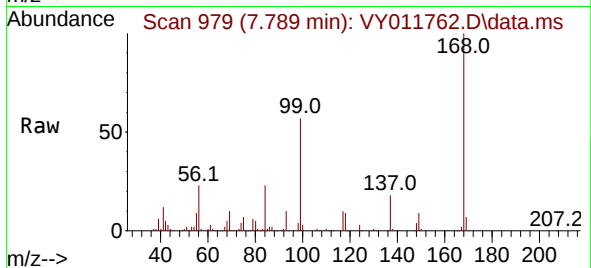
Tgt Ion:	83	Resp:	78750
Ion Ratio	Lower	Upper	
83	100		
85	66.7	51.5	77.3





#31
Cyclohexane
Concen: 20.271 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

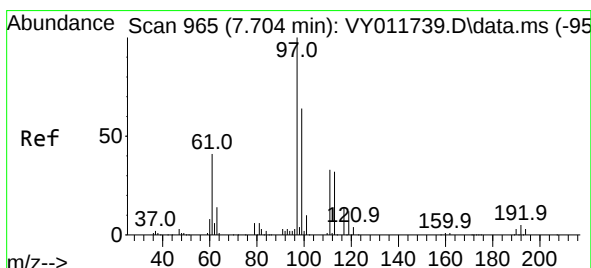
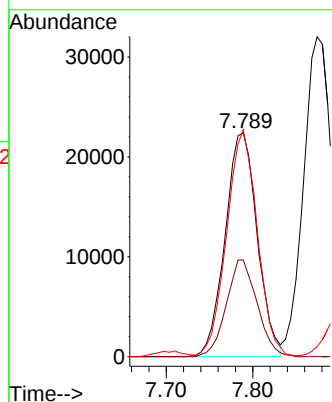
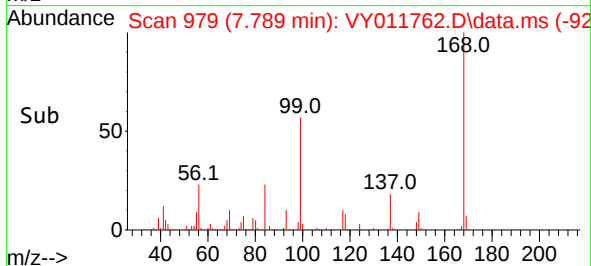
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01



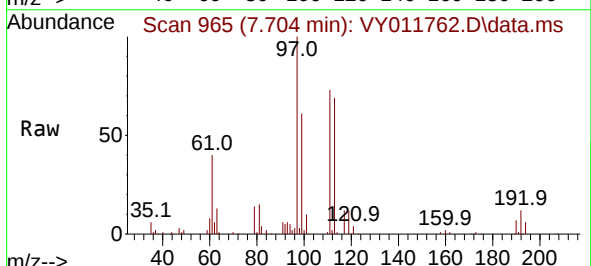
Tgt Ion: 56 Resp: 5760
Ion Ratio Lower Upper
56 100
69 43.2 29.2 43.8
84 99.7 72.6 108.8

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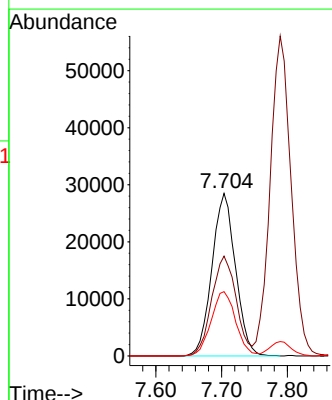
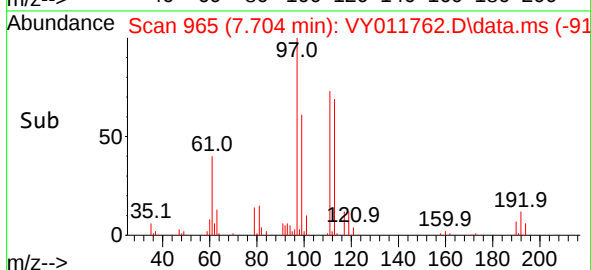
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

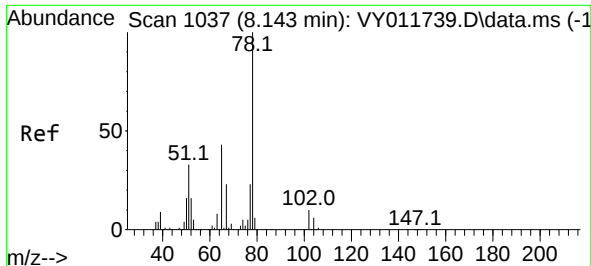


#32
1,1,1-Trichloroethane
Concen: 20.393 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48



Tgt Ion: 97 Resp: 70940
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 41.5 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 47.854 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tgt Ion: 65 Resp: 73414

Ion Ratio Lower Upper

65 100

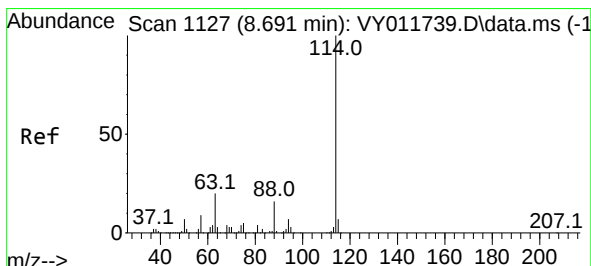
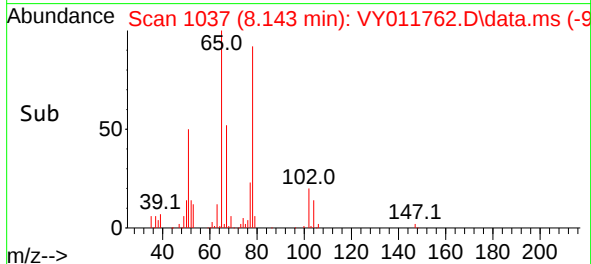
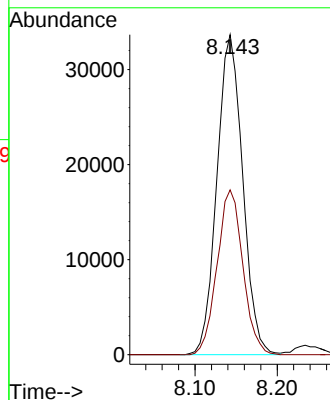
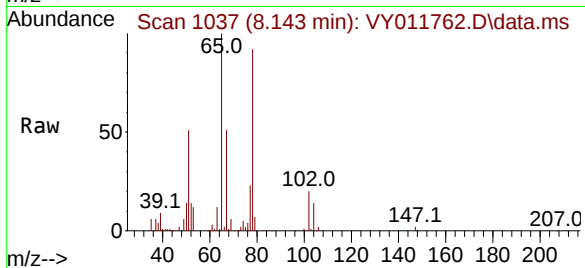
67 51.5 0.0 103.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

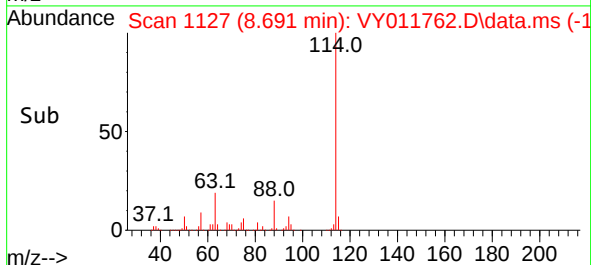
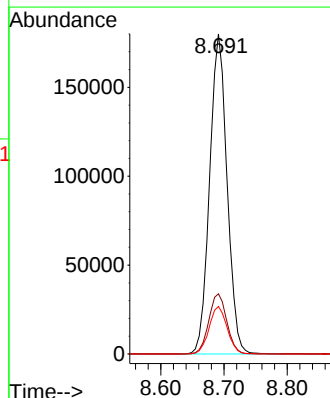
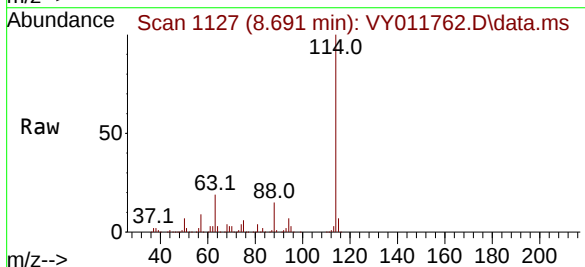
Tgt Ion:114 Resp: 344304

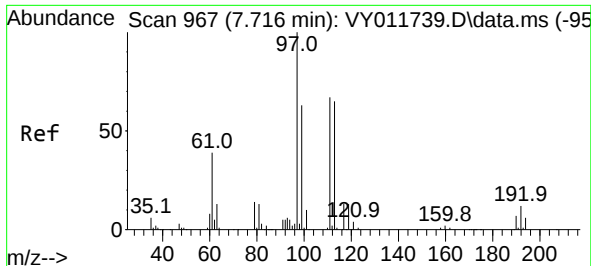
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

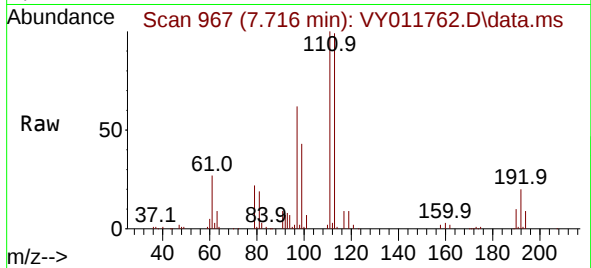
88 14.9 0.0 32.2





#35
Dibromofluoromethane
Concen: 49.025 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

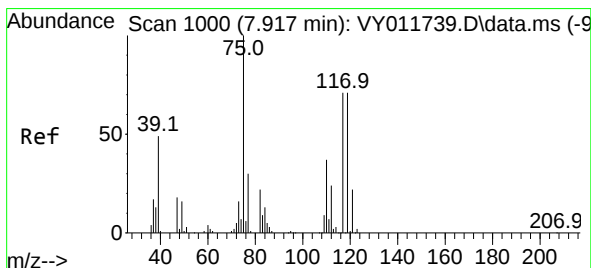
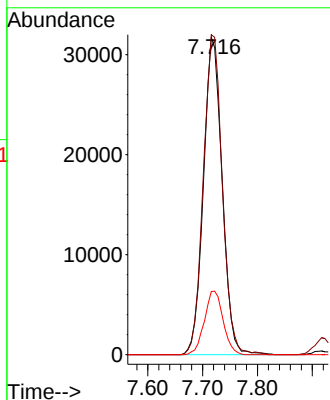
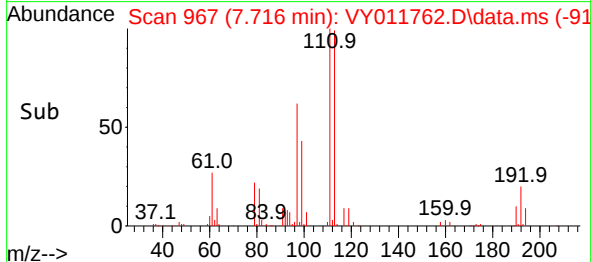
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01



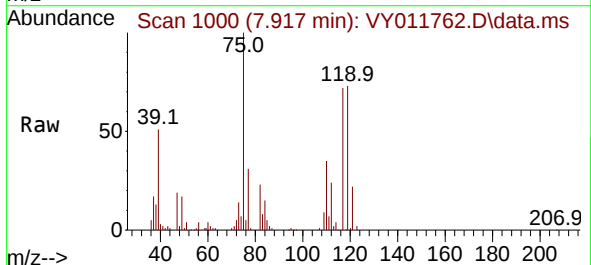
Tgt Ion: 113 Resp: 75110
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 20.1 16.0 24.0

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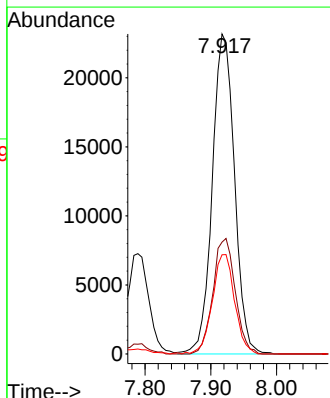
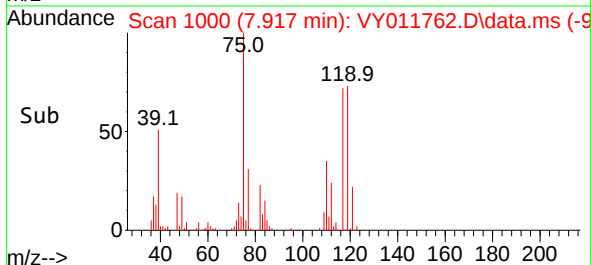
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

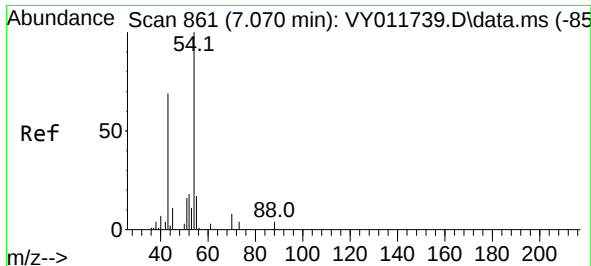


#36
1,1-Dichloropropene
Concen: 20.862 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48



Tgt Ion: 75 Resp: 54506
Ion Ratio Lower Upper
75 100
110 36.2 18.1 54.1
77 31.2 25.1 37.7





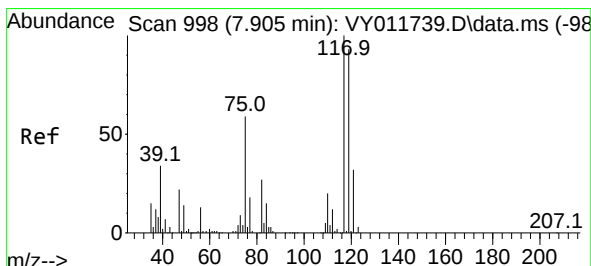
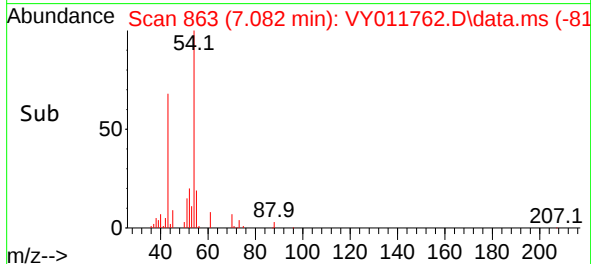
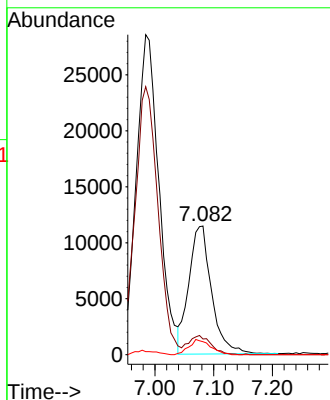
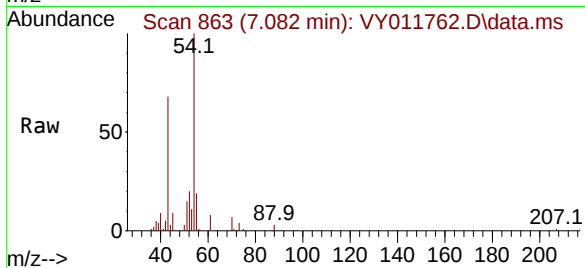
#37
Ethyl Acetate
Concen: 20.186 ug/l
RT: 7.082 min Scan# 861
Delta R.T. 0.012 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tgt Ion: 43 Resp: 30834
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 11.0 8.2 12.4

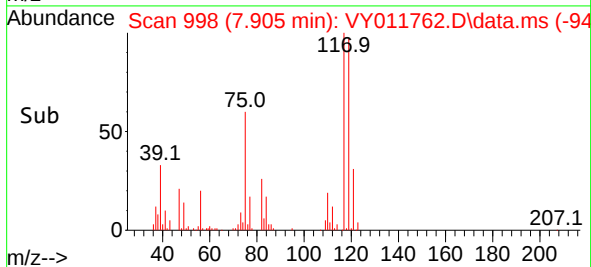
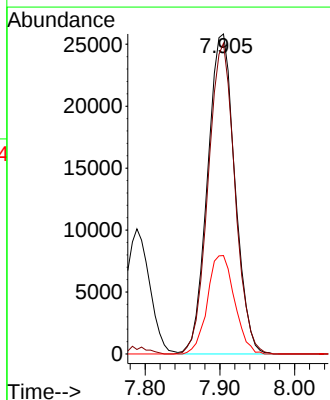
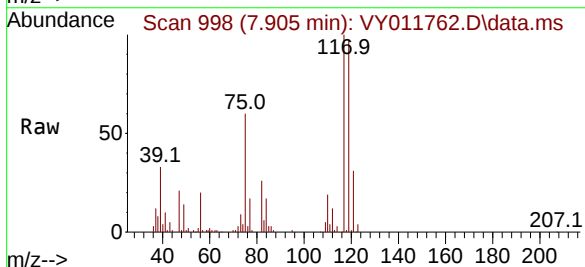
Manual Integrations
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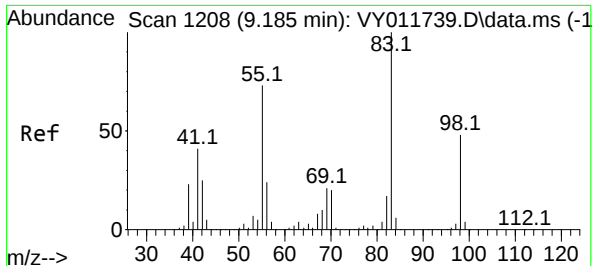
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#38
Carbon Tetrachloride
Concen: 21.385 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Tgt Ion:117 Resp: 65633
Ion Ratio Lower Upper
117 100
119 97.1 73.8 110.8
121 30.7 25.2 37.8





#39

Methylcyclohexane

Concen: 20.833 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBSD01

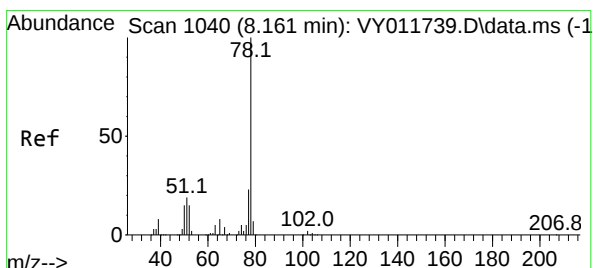
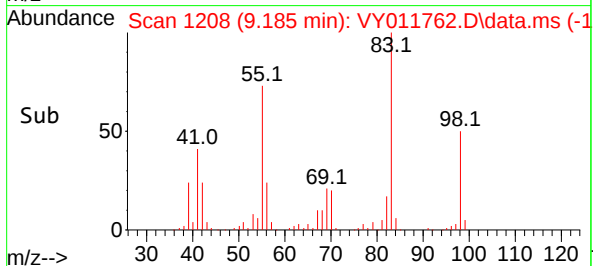
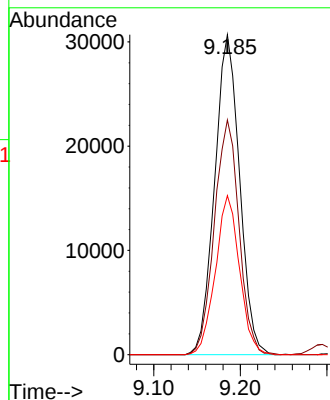
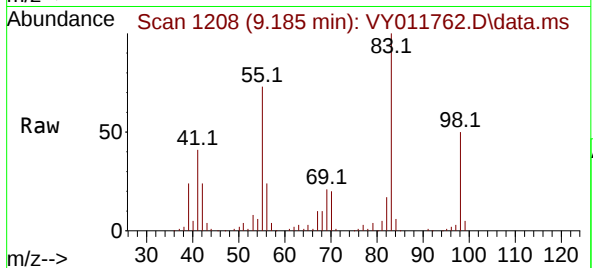
Tgt Ion: 83 Resp: 61240
 Ion Ratio Lower Upper
 83 100
 55 73.3 58.2 87.2
 98 49.7 38.6 58.0

Manual Integrations

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Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Benzene

Concen: 20.742 ug/l

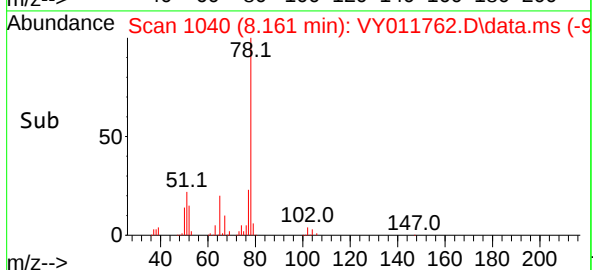
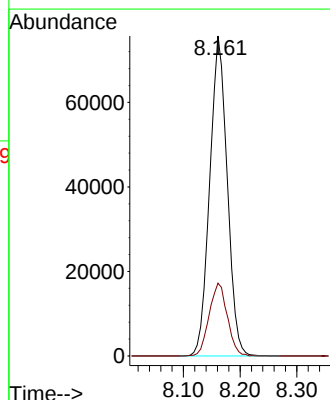
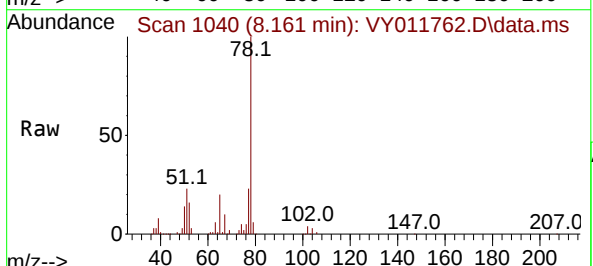
RT: 8.161 min Scan# 1040

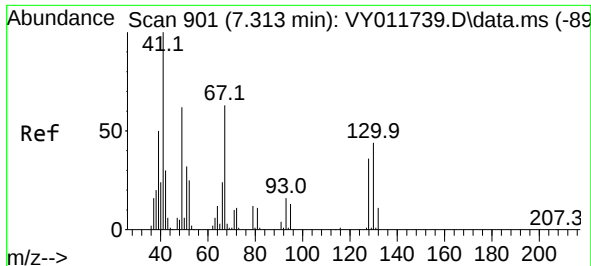
Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Tgt Ion: 78 Resp: 161898
 Ion Ratio Lower Upper
 78 100
 77 22.7 18.6 27.8





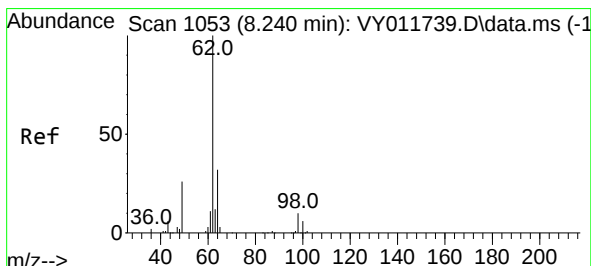
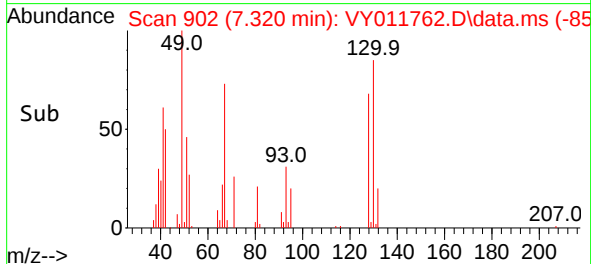
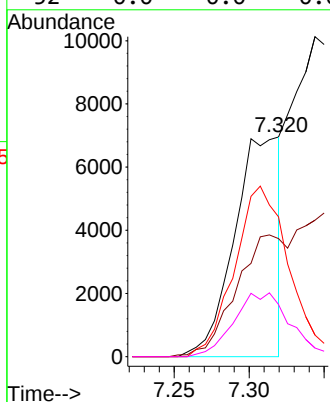
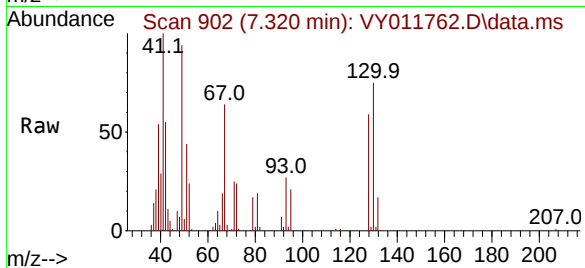
#41
Methacrylonitrile
Concen: 19.162 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01

Tgt Ion: 41 Resp: 14770
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

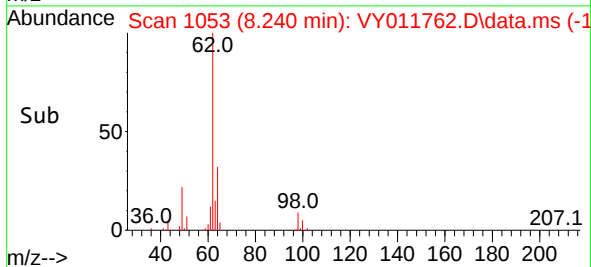
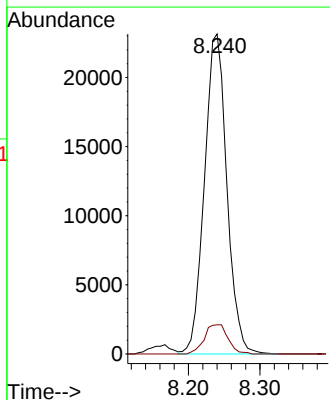
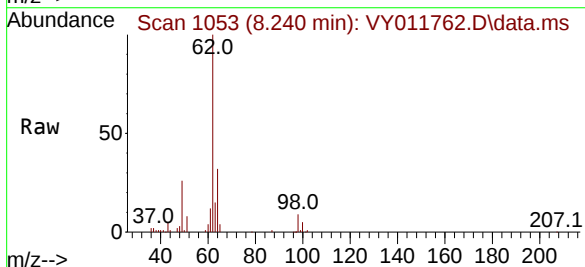
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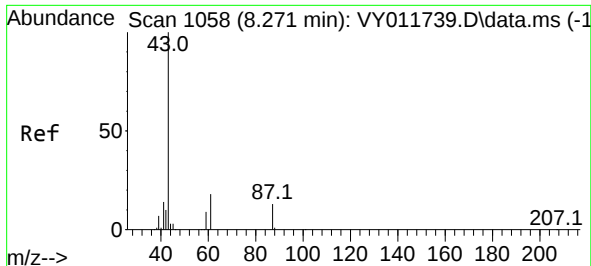
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
1,2-Dichloroethane
Concen: 20.886 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Tgt Ion: 62 Resp: 50413
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6





#43

Isopropyl Acetate

Concen: 20.297 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

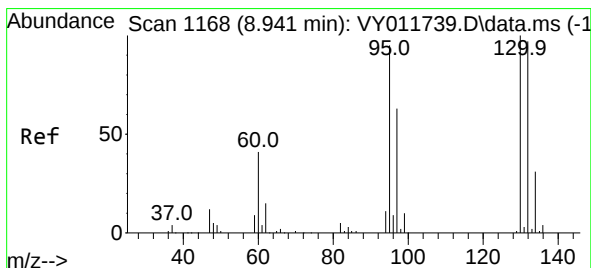
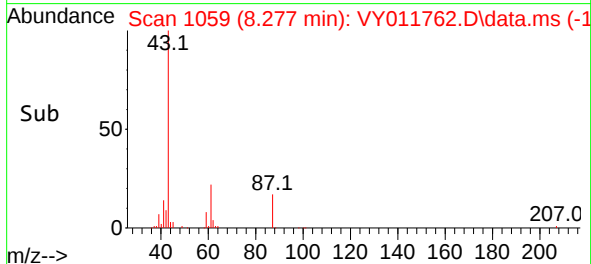
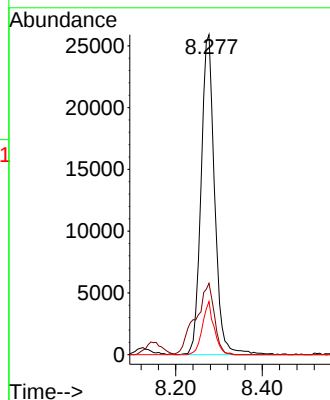
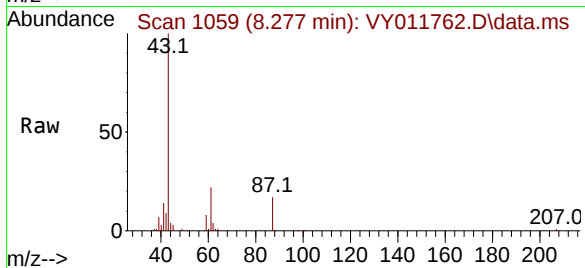
Tgt Ion: 43	Resp: 56219
Ion Ratio	Lower Upper
43 100	
61 30.9	24.4 36.6
87 14.3	11.4 17.2

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Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#44

Trichloroethene

Concen: 20.605 ug/l

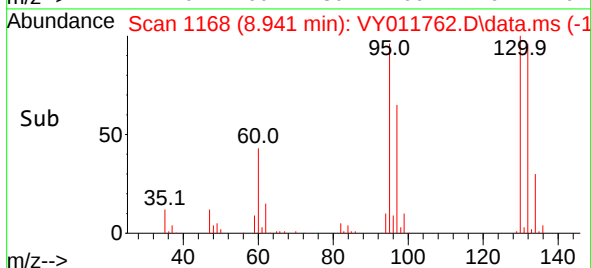
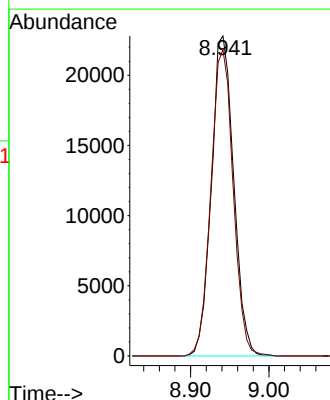
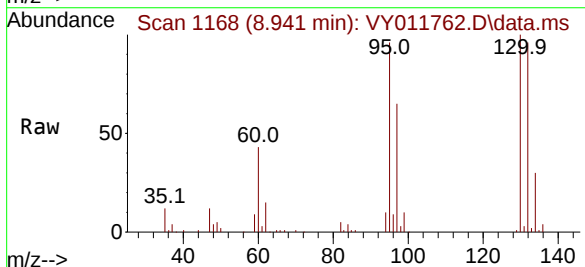
RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Tgt Ion:130	Resp: 45042
Ion Ratio	Lower Upper
130 100	
95 95.8	0.0 190.6





#45

1,2-Dichloropropane

Concen: 20.219 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tgt Ion: 63 Resp: 4084

Ion Ratio Lower Upper

63 100

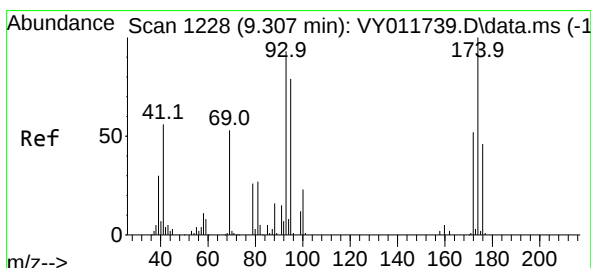
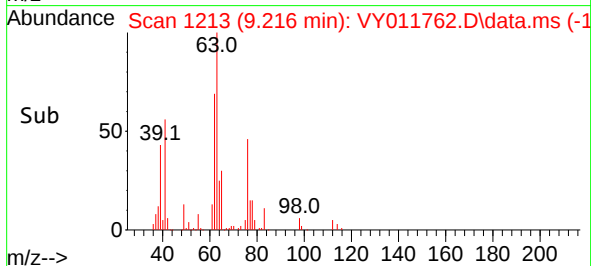
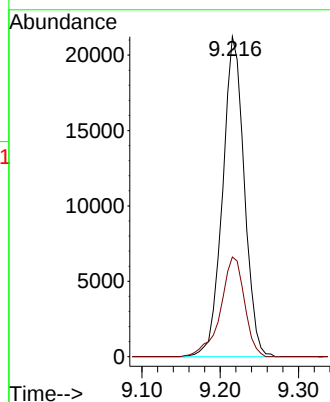
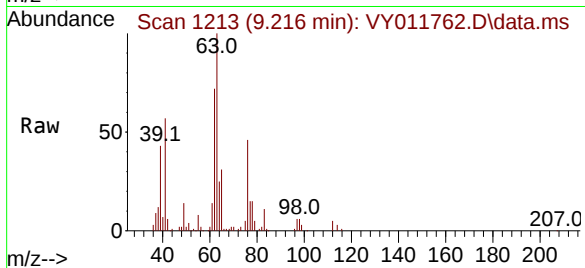
65 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Dibromomethane

Concen: 20.412 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

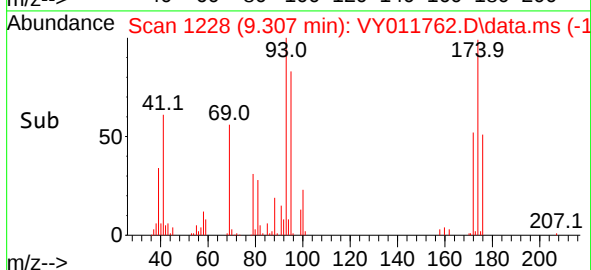
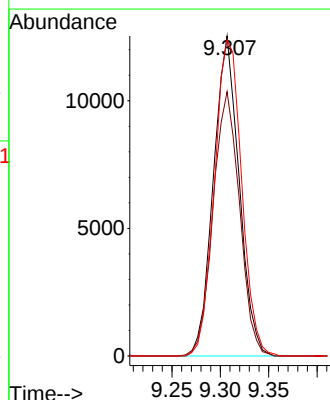
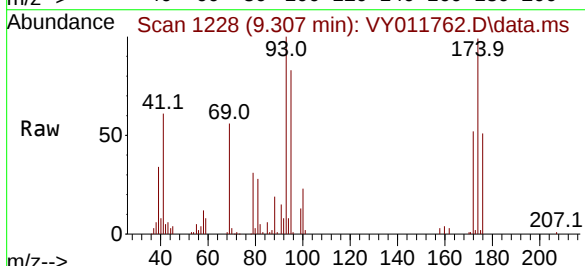
Tgt Ion: 93 Resp: 23083

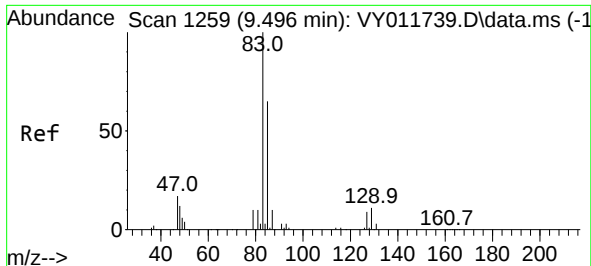
Ion Ratio Lower Upper

93 100

95 85.0 66.1 99.1

174 105.0 84.7 127.1





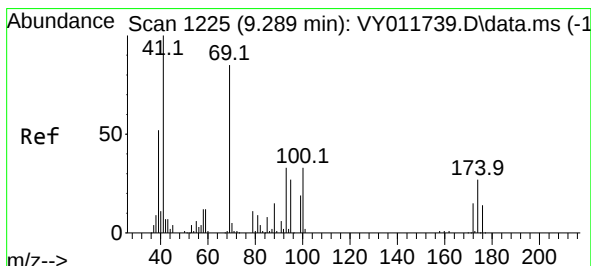
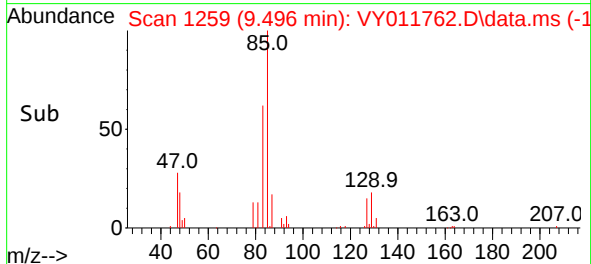
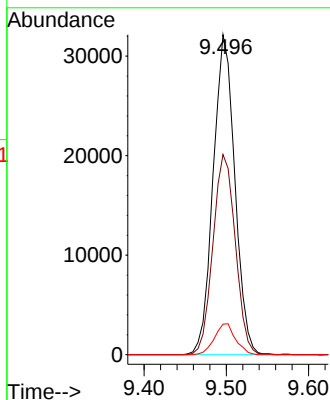
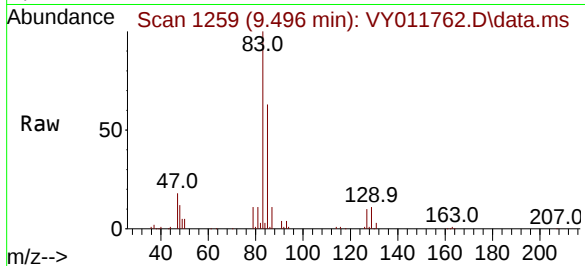
#47
Bromodichloromethane
Concen: 20.146 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01

Tgt Ion: 83 Resp: 5885
Ion Ratio Lower Upper
83 100
85 62.5 52.0 78.0
127 9.6 7.3 10.9

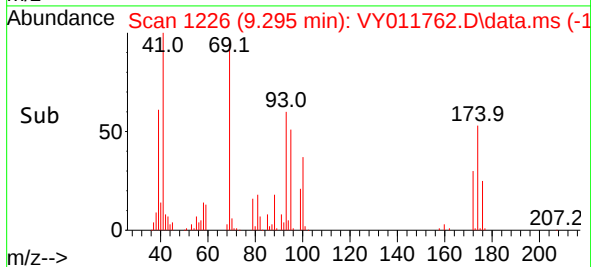
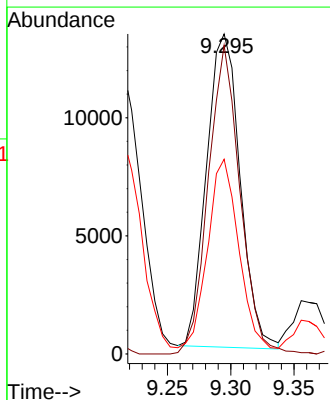
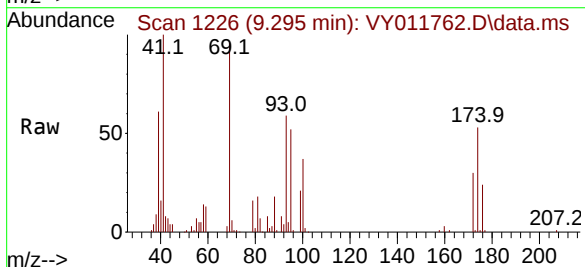
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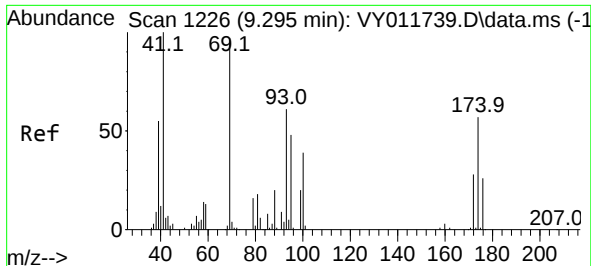
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#48
Methyl methacrylate
Concen: 20.076 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Tgt Ion: 41 Resp: 24511
Ion Ratio Lower Upper
41 100
69 93.4 74.2 111.2
39 59.6 46.3 69.5





#49

1,4-Dioxane

Concen: 406.039 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBSD01

Tgt Ion: 88 Resp: 636

Ion Ratio Lower Upper

88 100

43 34.2 26.2 39.2

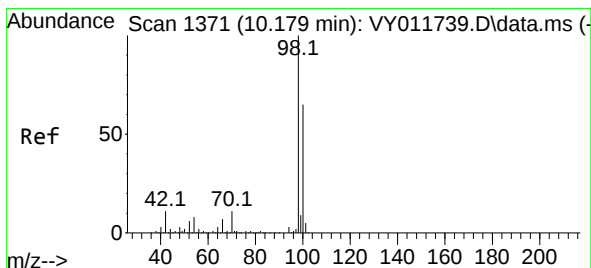
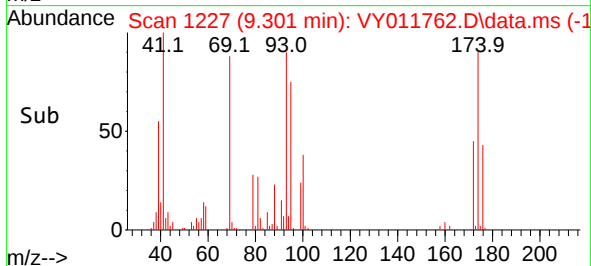
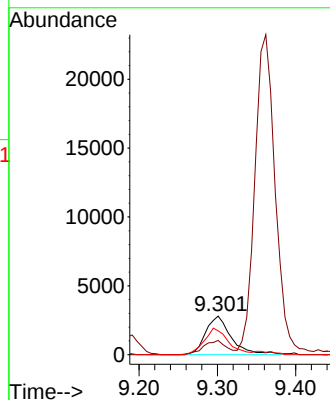
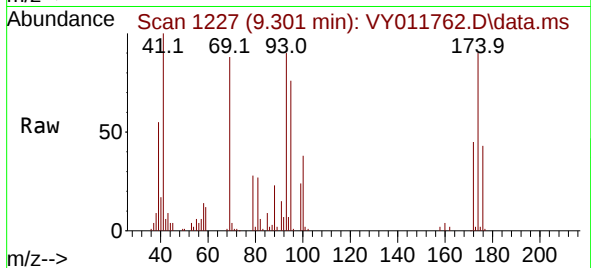
58 64.4 54.3 81.5

Manual Integrations

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Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

Toluene-d8

Concen: 47.395 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011762.D

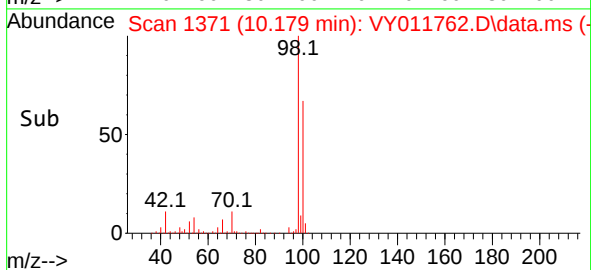
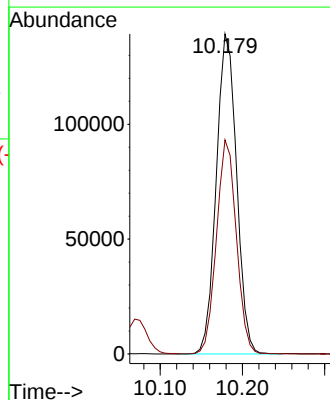
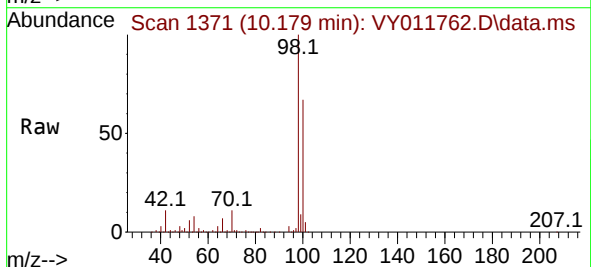
Acq: 12 Dec 2022 11:48

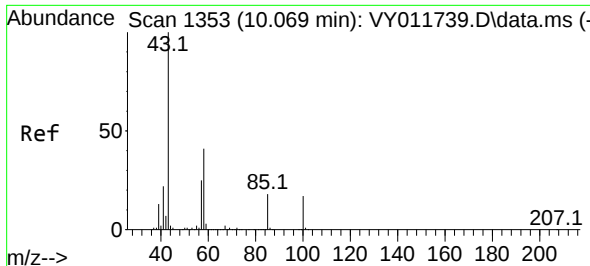
Tgt Ion: 98 Resp: 239435

Ion Ratio Lower Upper

98 100

100 65.5 51.9 77.9





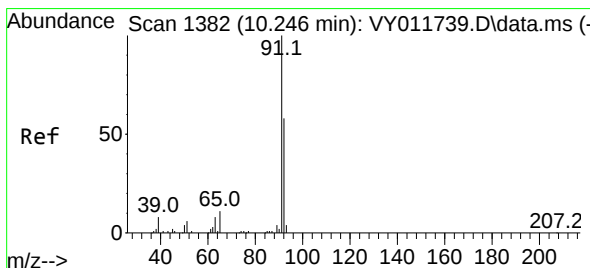
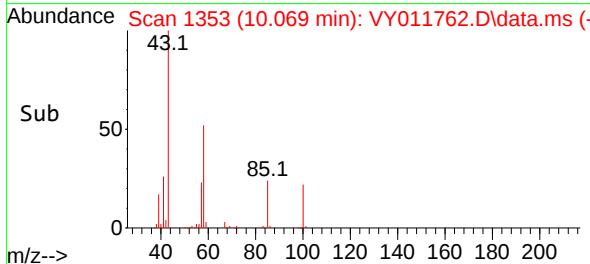
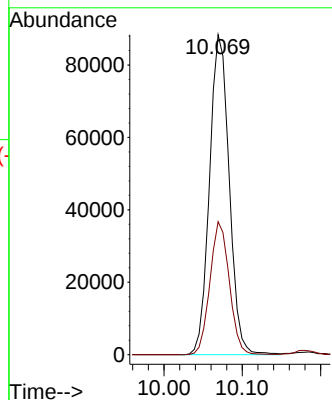
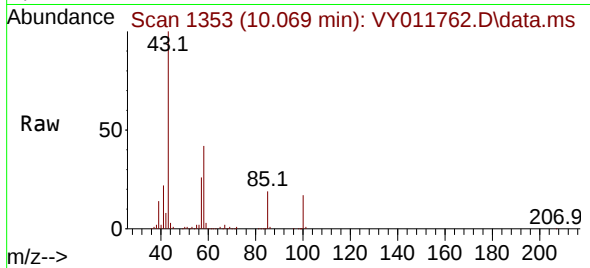
#51
4-Methyl-2-Pentanone
Concen: 101.075 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tgt Ion: 43 Resp: 154259
Ion Ratio Lower Upper
43 100
58 40.9 32.9 49.3

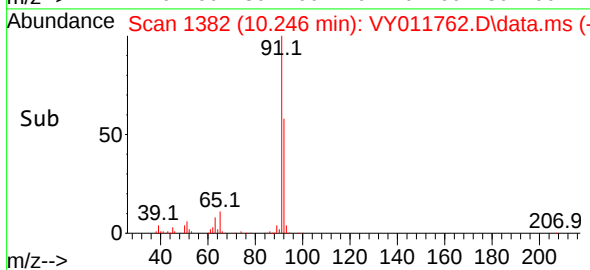
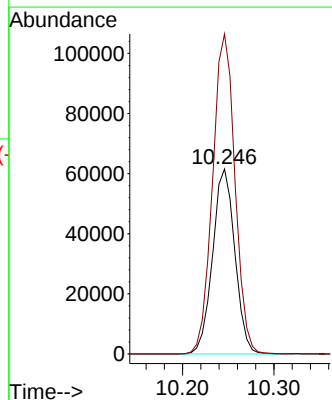
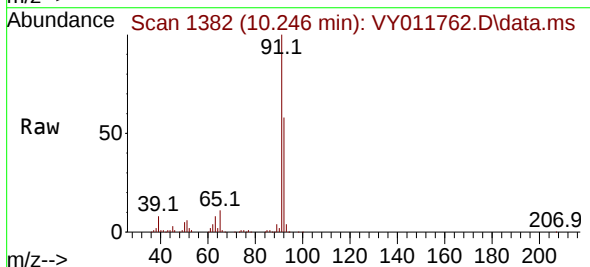
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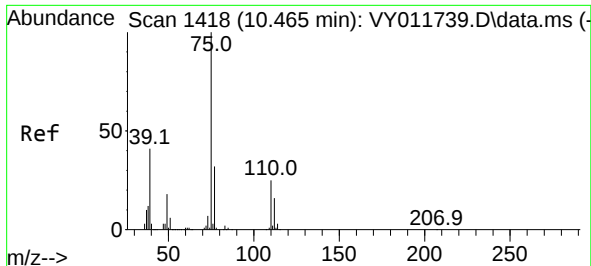
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
Toluene
Concen: 20.977 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Tgt Ion: 92 Resp: 104088
Ion Ratio Lower Upper
92 100
91 174.2 137.4 206.0





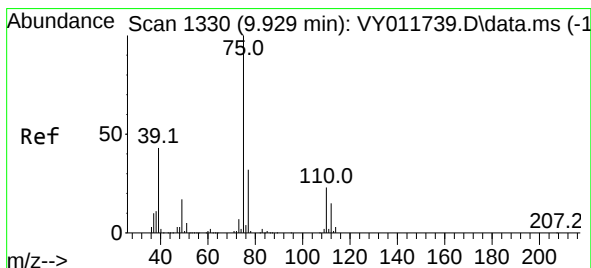
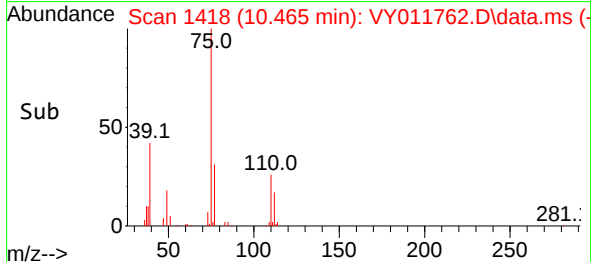
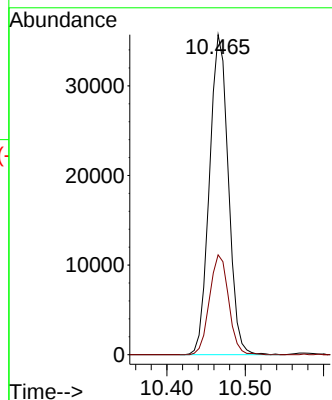
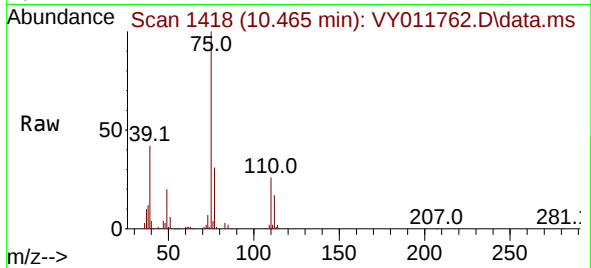
#53
t-1,3-Dichloropropene
Concen: 20.467 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tgt Ion: 75 Resp: 59725
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.8

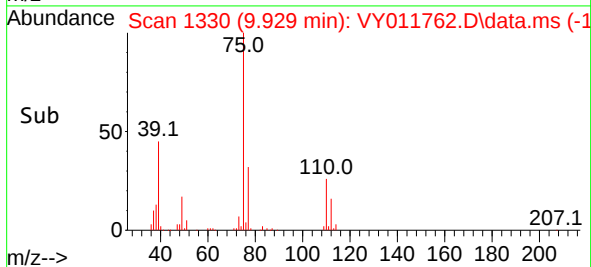
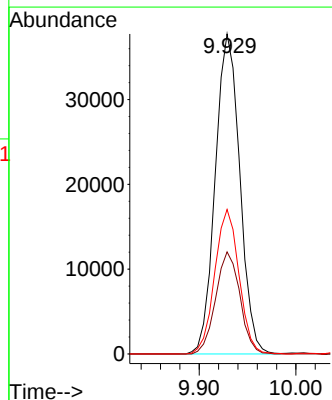
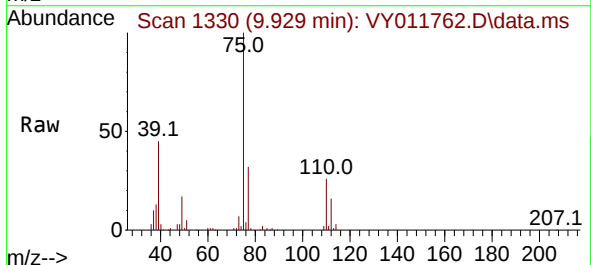
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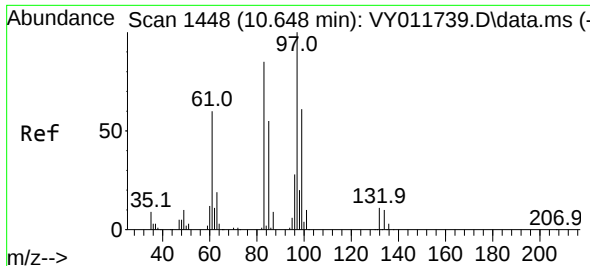
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#54
cis-1,3-Dichloropropene
Concen: 20.282 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

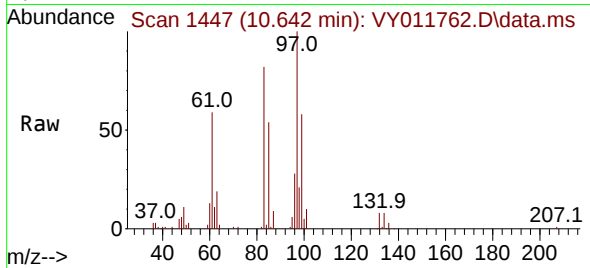
Tgt Ion: 75 Resp: 66498
Ion Ratio Lower Upper
75 100
77 31.9 25.9 38.9
39 45.2 34.6 52.0





#55
1,1,2-Trichloroethane
Concen: 20.554 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

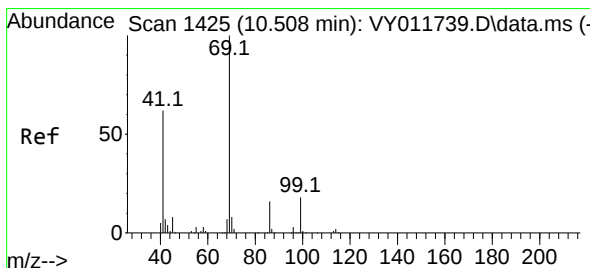
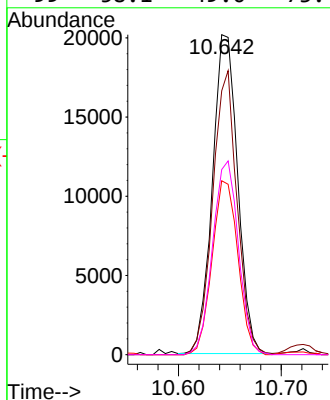
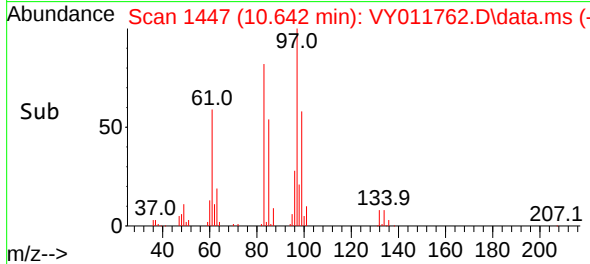
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01



Tgt Ion: 97 Resp: 34354
Ion Ratio Lower Upper
97 100
83 82.7 67.7 101.5
85 54.6 43.8 65.8
99 58.1 49.0 73.4

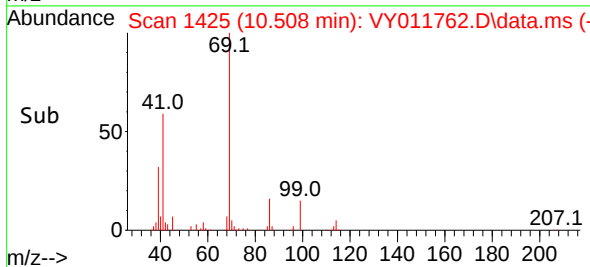
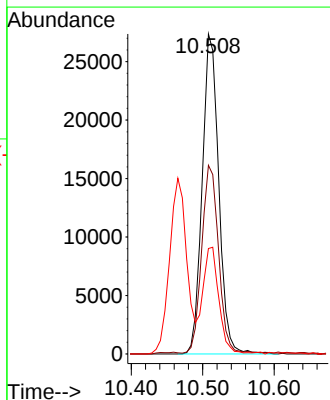
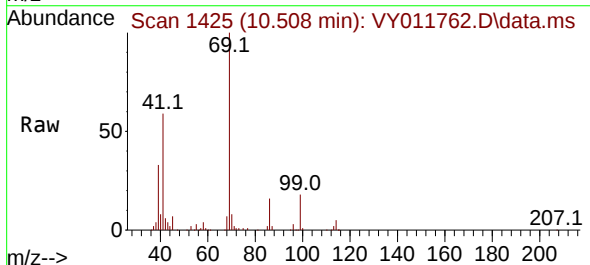
Manual Integrations
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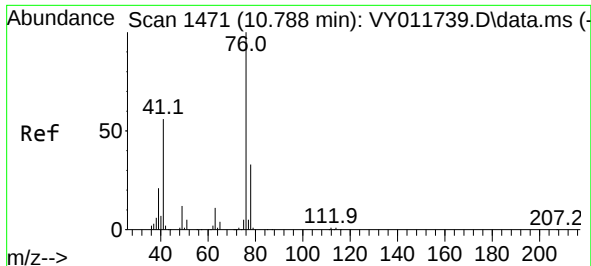
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#56
Ethyl methacrylate
Concen: 20.353 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Tgt Ion: 69 Resp: 43915
Ion Ratio Lower Upper
69 100
41 59.8 48.9 73.3
39 31.8 25.9 38.9





#57

1,3-Dichloropropane

Concen: 20.497 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBSD01

Tgt Ion: 76 Resp: 57100

Ion Ratio Lower Upper

76 100

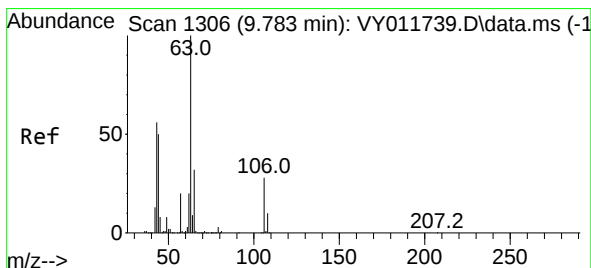
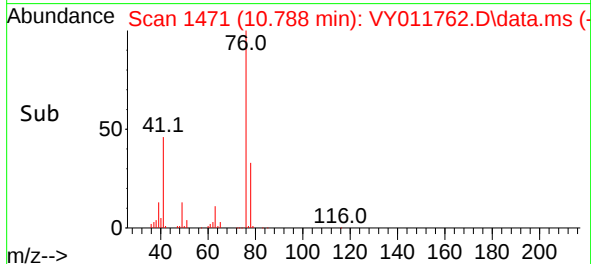
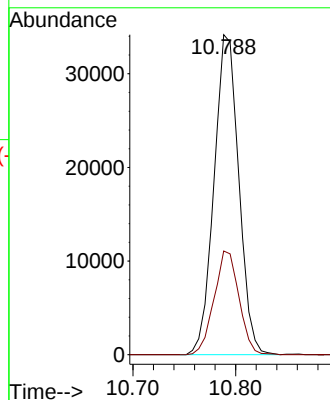
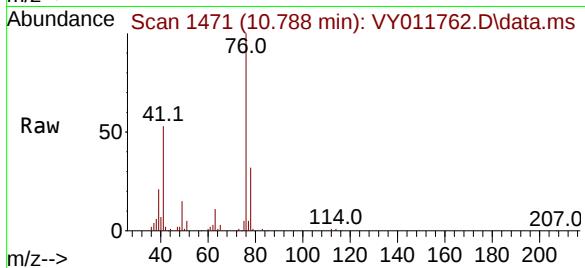
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 104.961 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011762.D

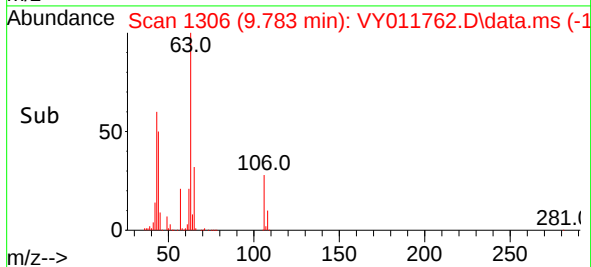
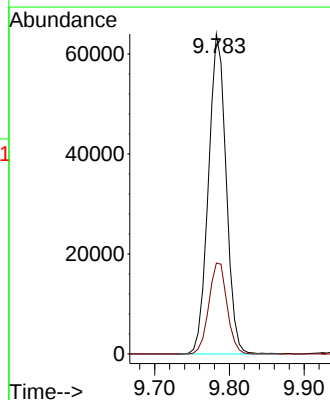
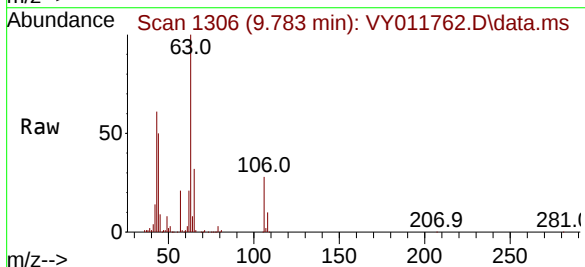
Acq: 12 Dec 2022 11:48

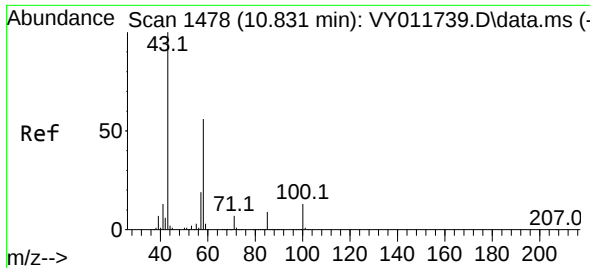
Tgt Ion: 63 Resp: 105012

Ion Ratio Lower Upper

63 100

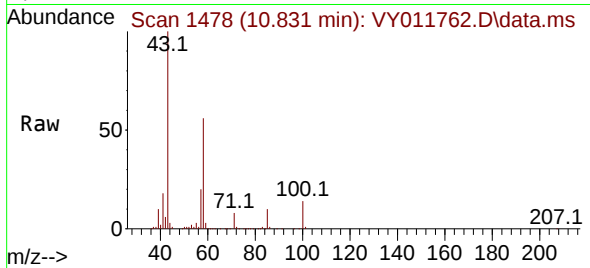
106 29.2 23.2 34.8





#59
2-Hexanone
Concen: 99.509 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

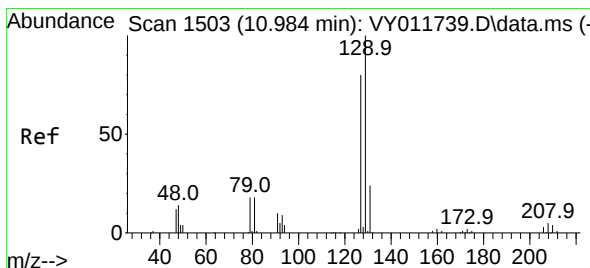
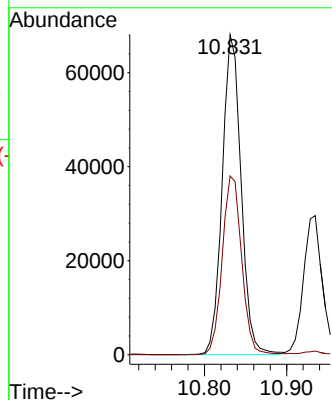
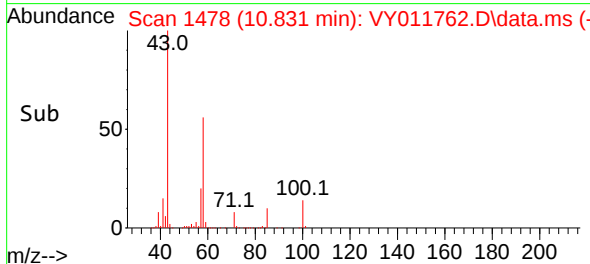
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01



Tgt Ion: 43 Resp: 108509
Ion Ratio Lower Upper
43 100
58 57.5 28.4 85.2

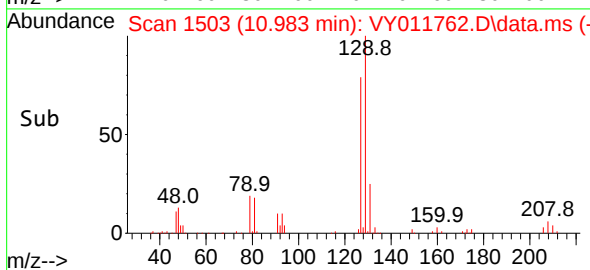
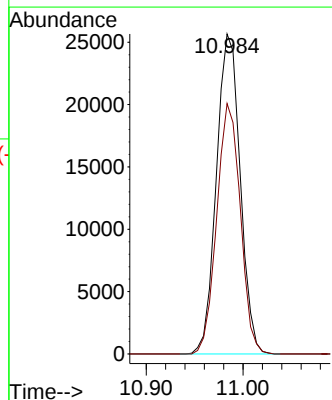
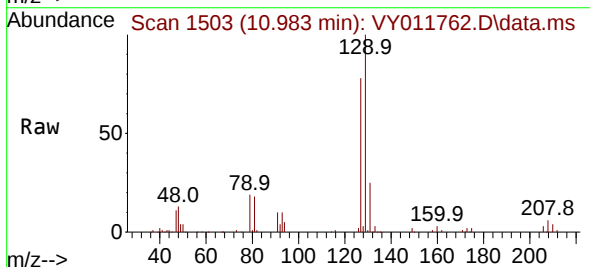
Manual Integrations
APPROVED

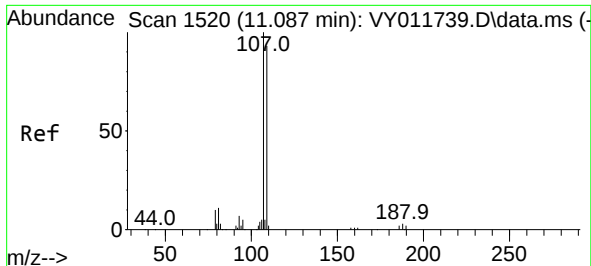
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#60
Dibromochloromethane
Concen: 20.906 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

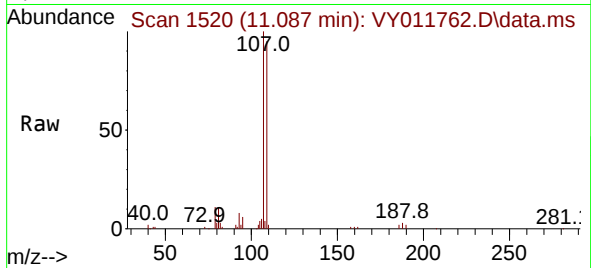
Tgt Ion:129 Resp: 43764
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61
1,2-Dibromoethane
Concen: 20.206 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

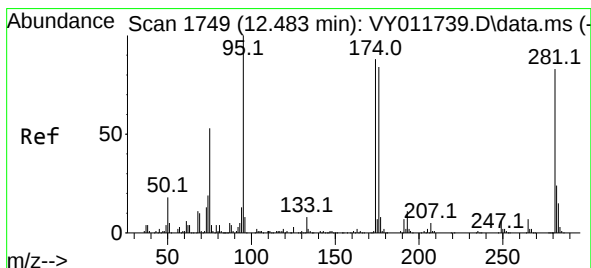
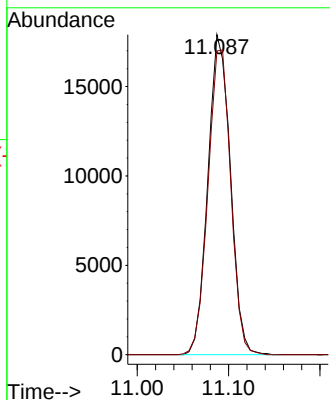
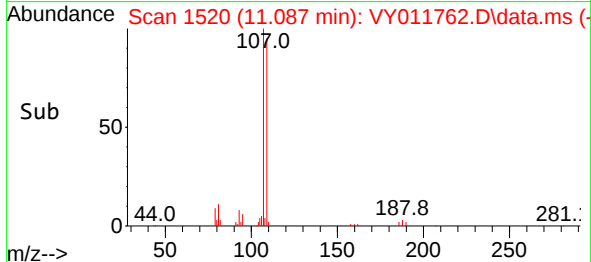
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01



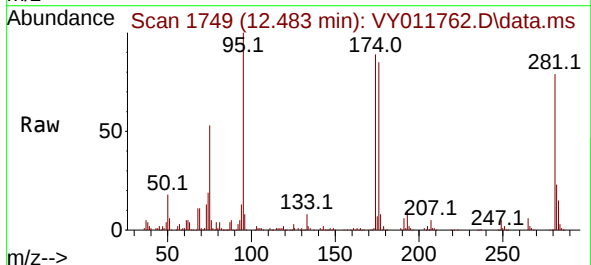
Tgt Ion:107 Resp: 30590
Ion Ratio Lower Upper
107 100
109 96.5 75.8 113.6

Manual Integrations
APPROVED

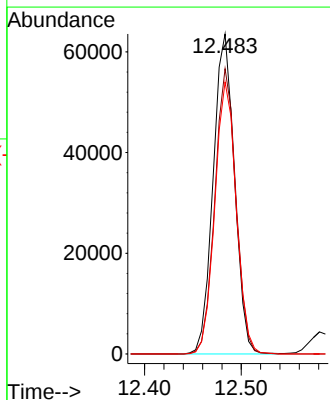
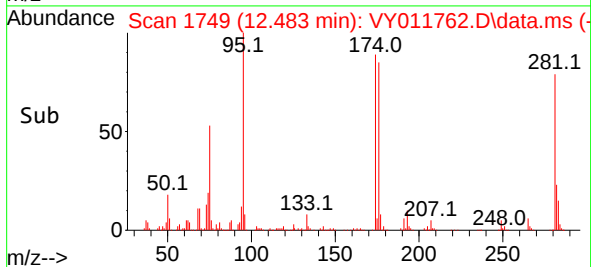
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

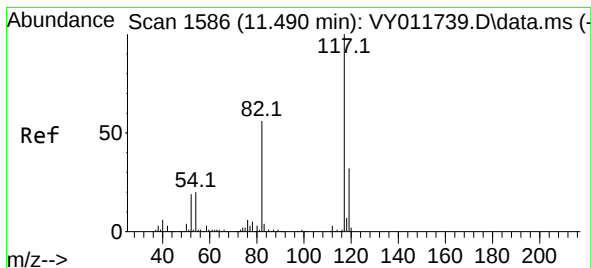


#62
4-Bromofluorobenzene
Concen: 48.412 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48



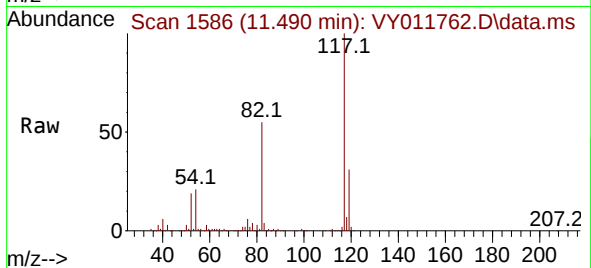
Tgt Ion: 95 Resp: 96929
Ion Ratio Lower Upper
95 100
174 88.4 0.0 172.0
176 85.4 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

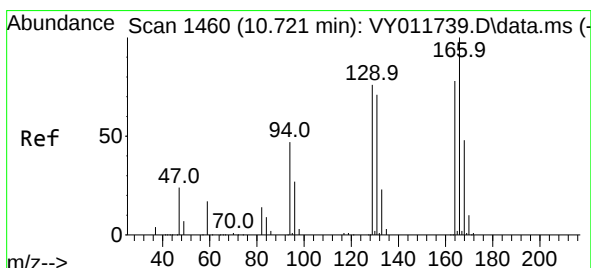
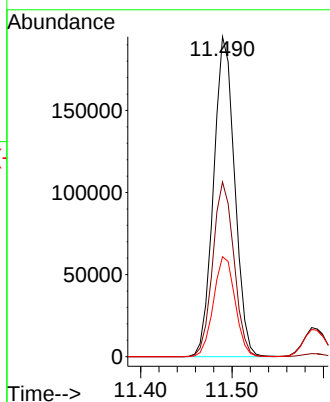
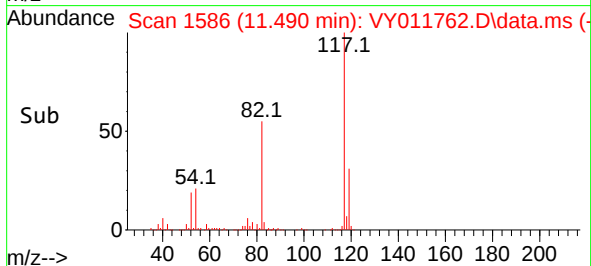
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01



Tgt Ion:117 Resp: 312730
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 31.2 25.4 38.2

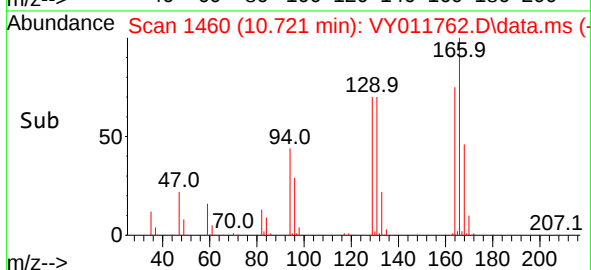
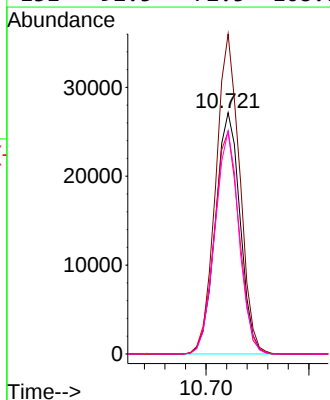
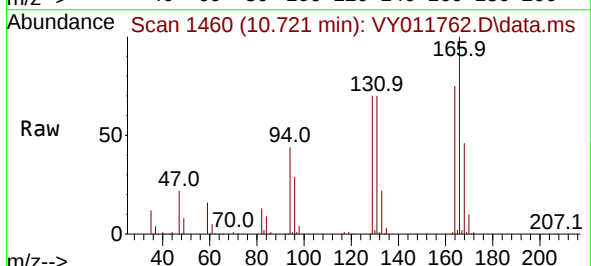
Manual Integrations
APPROVED

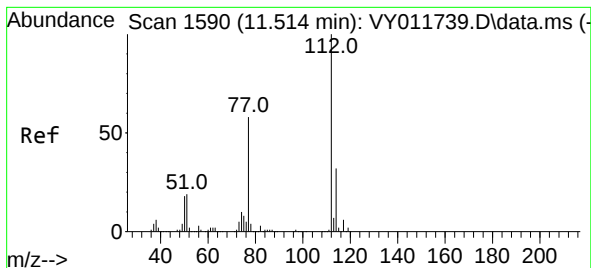
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#64
Tetrachloroethene
Concen: 20.428 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Tgt Ion:164 Resp: 45200
Ion Ratio Lower Upper
164 100
166 132.6 102.3 153.5
129 92.2 77.2 115.8
131 92.5 72.5 108.7





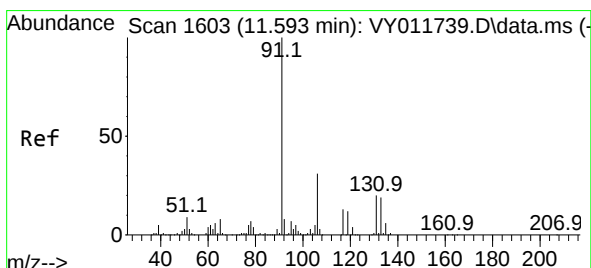
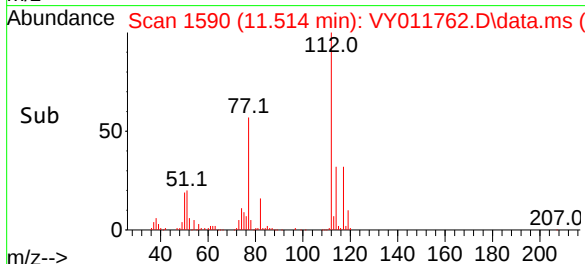
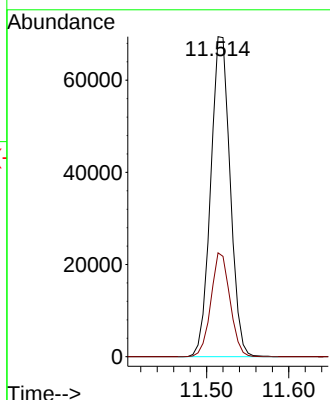
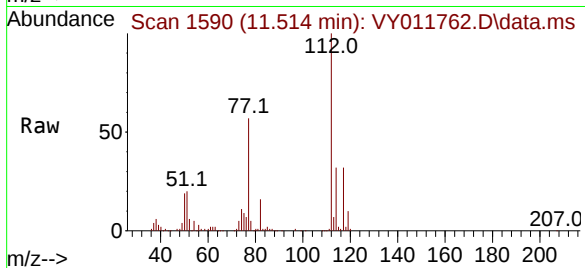
#65
Chlorobenzene
Concen: 20.266 ug/l
RT: 11.514 min Scan# 114199
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01

Tgt Ion:112 Resp: 114199
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9

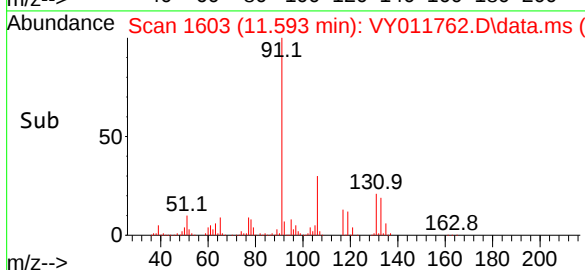
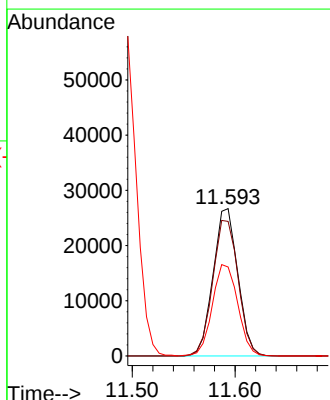
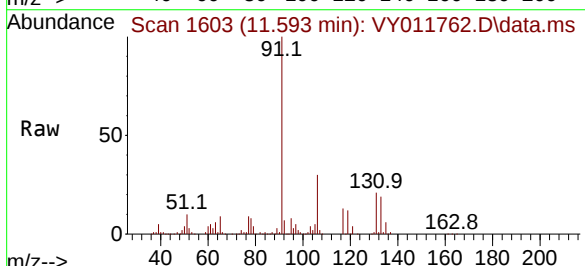
Manual Integrations
APPROVED

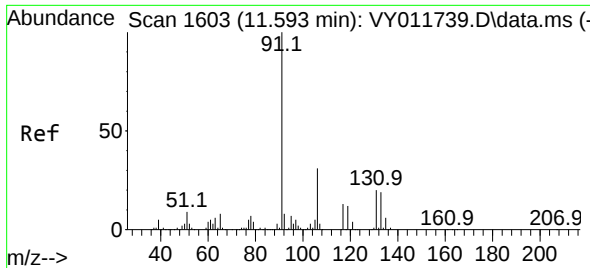
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.392 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

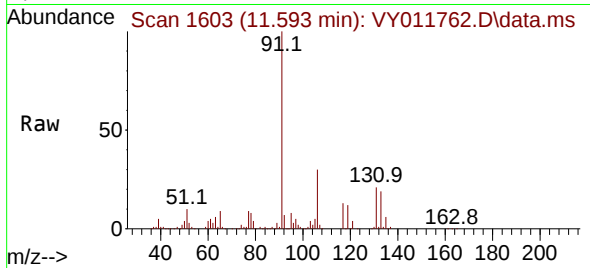
Tgt Ion:131 Resp: 44577
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 63.8 32.1 96.3





#67
Ethyl Benzene
Concen: 20.277 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

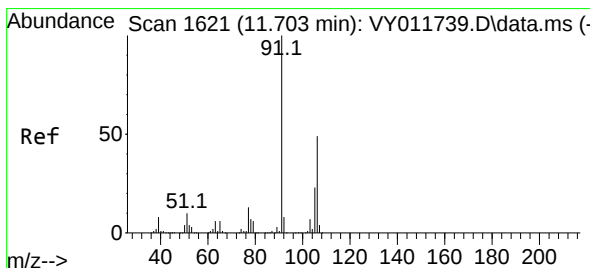
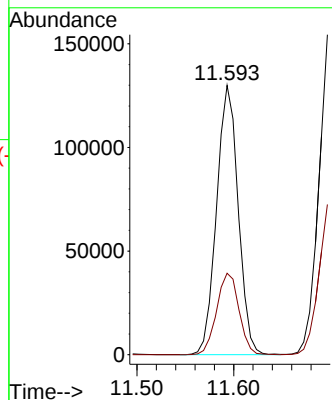
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01



Tgt Ion: 91 Resp: 201320
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4

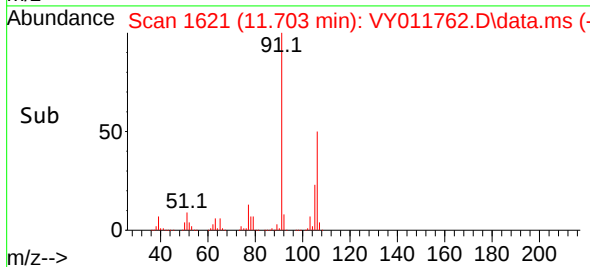
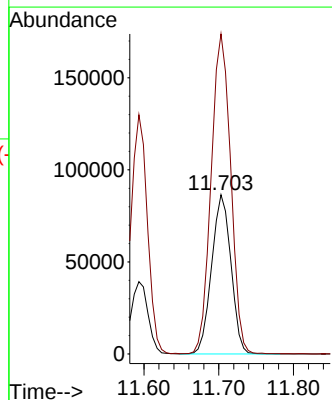
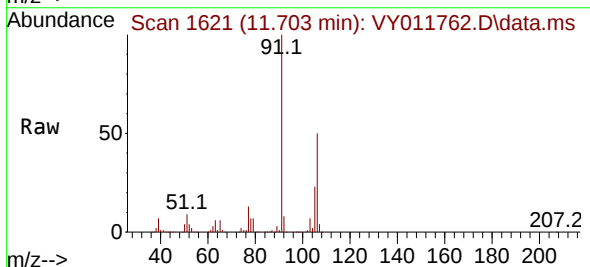
Manual Integrations
APPROVED

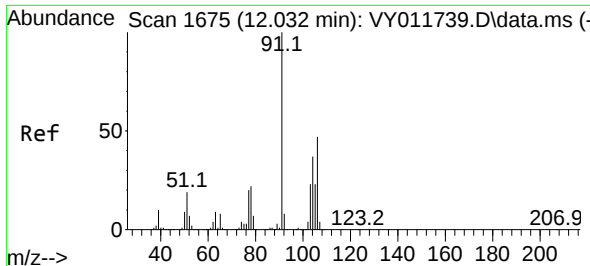
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#68
m/p-Xylenes
Concen: 40.813 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Tgt Ion:106 Resp: 155186
Ion Ratio Lower Upper
106 100
91 203.9 162.5 243.7





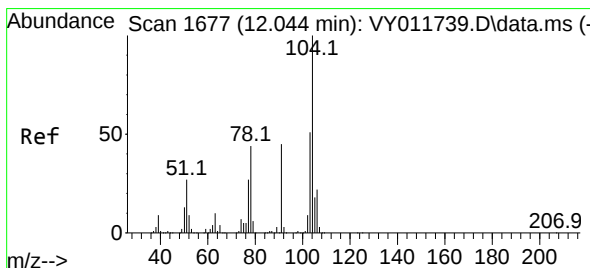
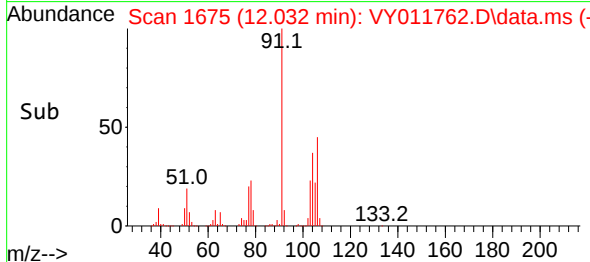
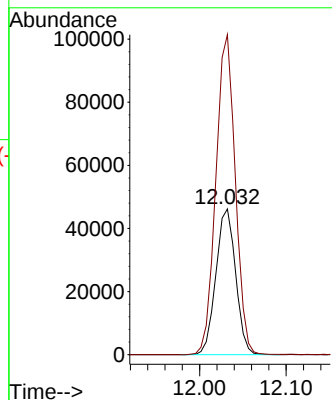
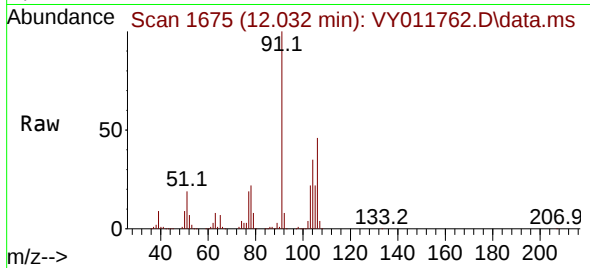
#69
o-Xylene
Concen: 20.173 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01

Tgt Ion:106 Resp: 73114
Ion Ratio Lower Upper
106 100
91 216.3 107.5 322.4

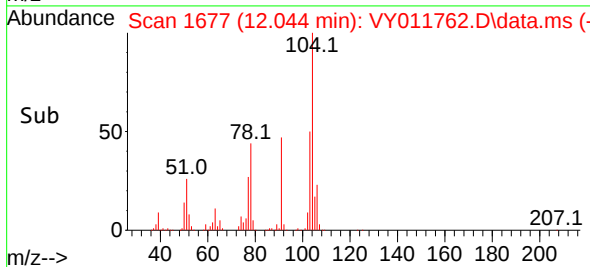
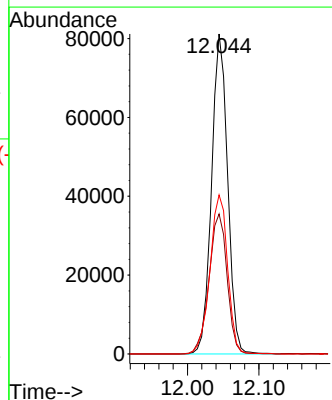
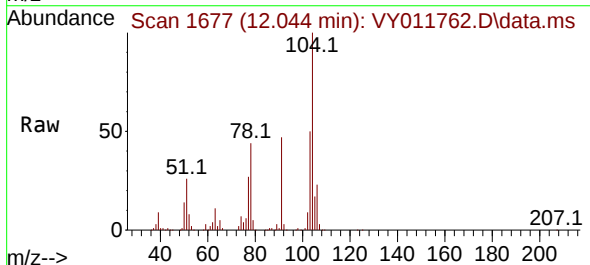
Manual Integrations
APPROVED

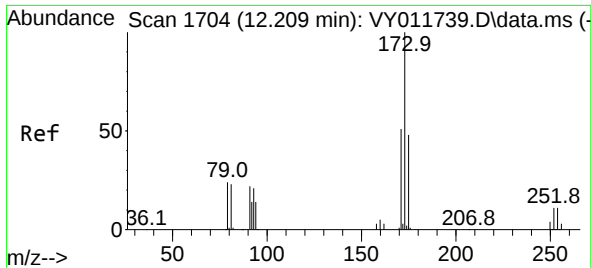
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#70
Styrene
Concen: 20.468 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

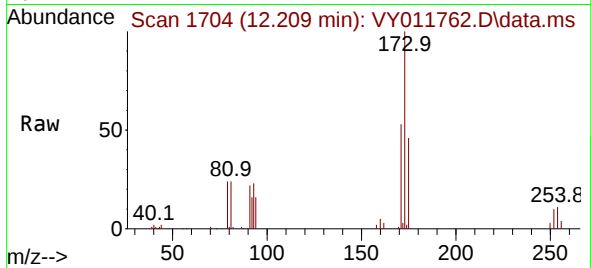
Tgt Ion:104 Resp: 126611
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.0
103 54.8 43.0 64.4





#71
Bromoform
Concen: 20.455 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

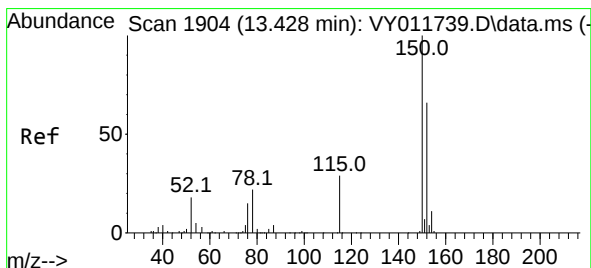
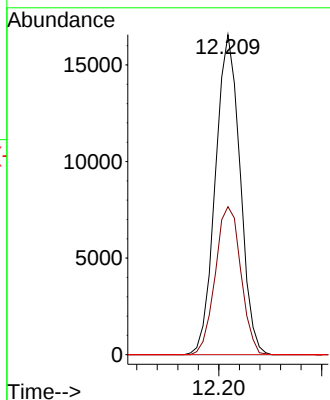
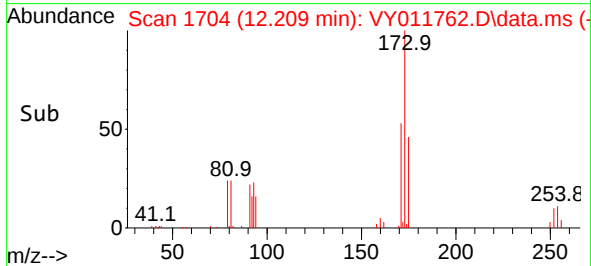
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01



Tgt Ion:173 Resp: 27580
Ion Ratio Lower Upper
173 100
175 47.9 23.8 71.5
254 0.0 0.1 0.1

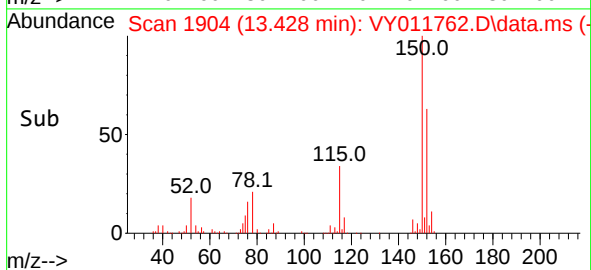
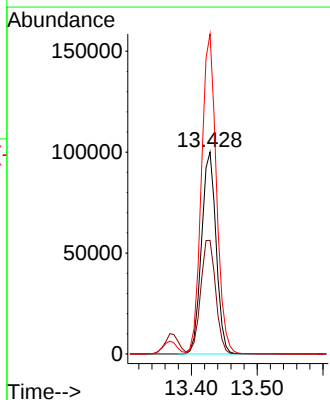
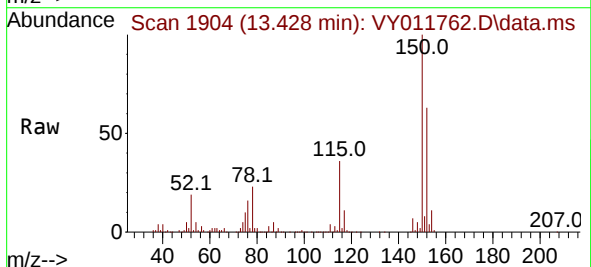
Manual Integrations
APPROVED

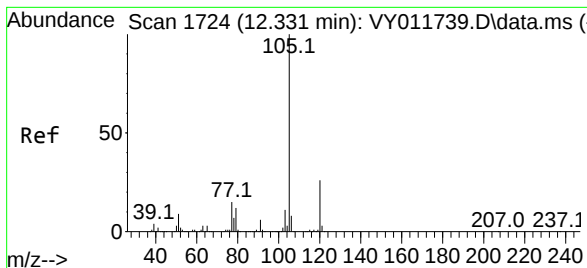
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Tgt Ion:152 Resp: 154280
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.3
150 162.4 0.0 342.6





#73

Isopropylbenzene

Concen: 20.308 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tgt Ion:105 Resp: 202990

Ion Ratio Lower Upper

105 100

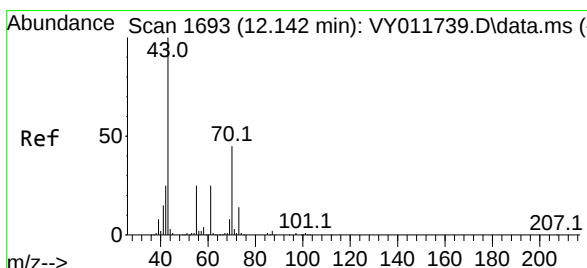
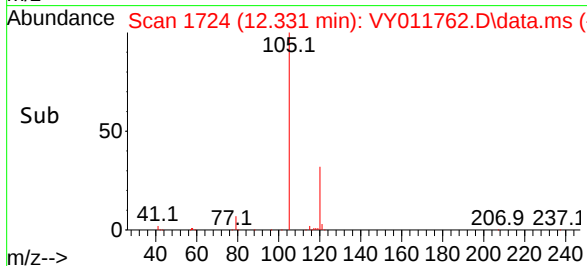
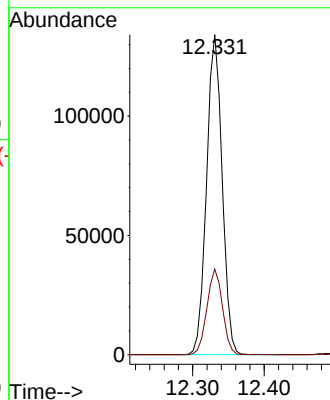
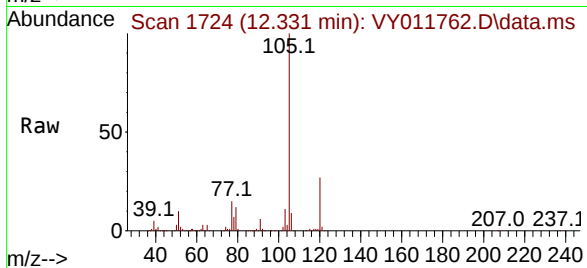
120 26.6 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#74

N-ethyl acetate

Concen: 19.441 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Tgt Ion: 43 Resp: 46722

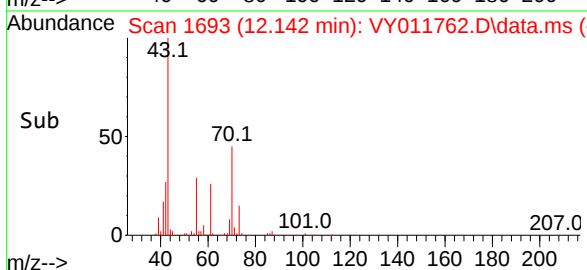
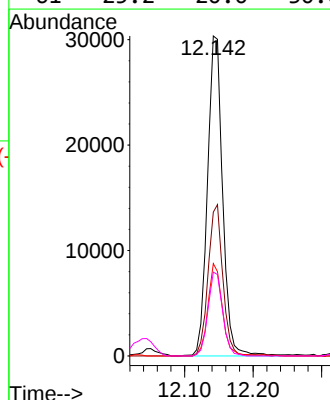
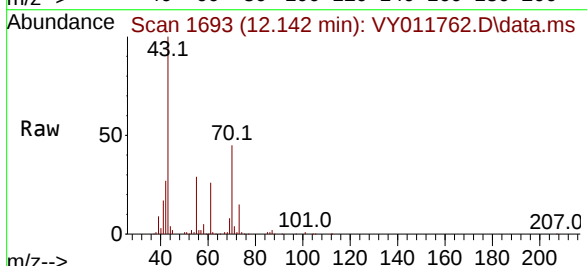
Ion Ratio Lower Upper

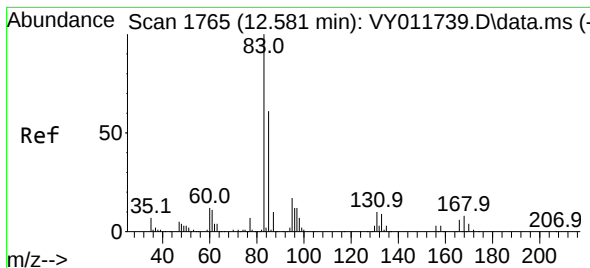
43 100

70 45.7 35.8 53.8

55 27.4 21.0 31.4

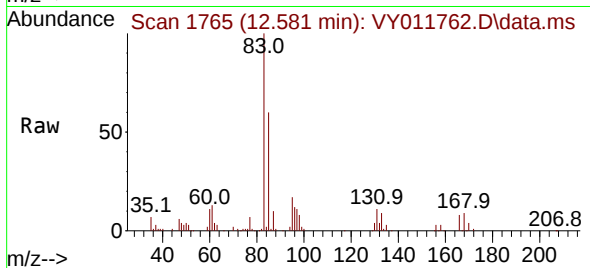
61 25.2 20.0 30.0





#75
1,1,2,2-Tetrachloroethane
Concen: 20.428 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

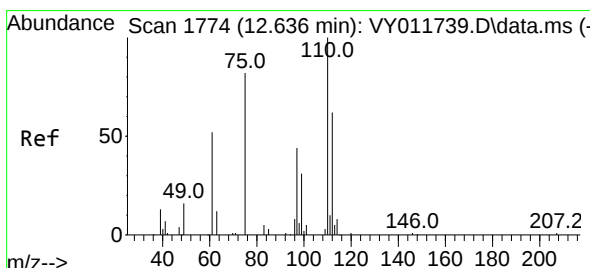
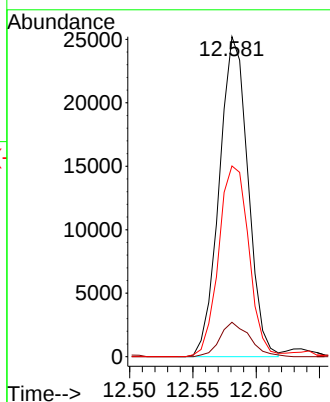
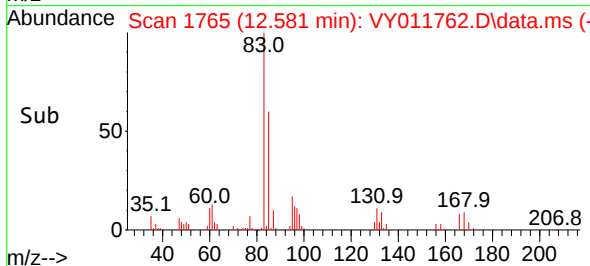
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01



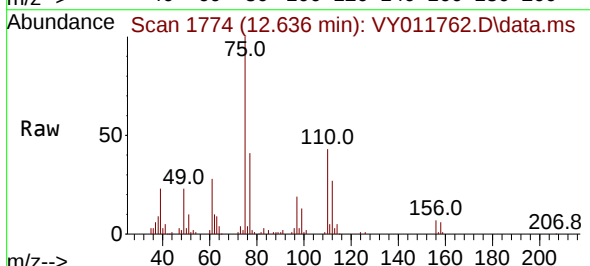
Tgt Ion: 83 Resp: 3976
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 62.9 32.3 96.8

Manual Integrations
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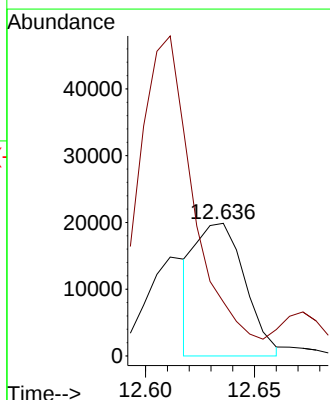
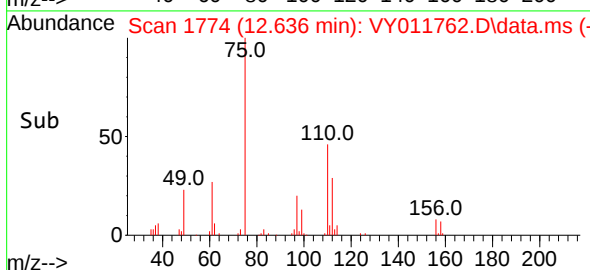
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

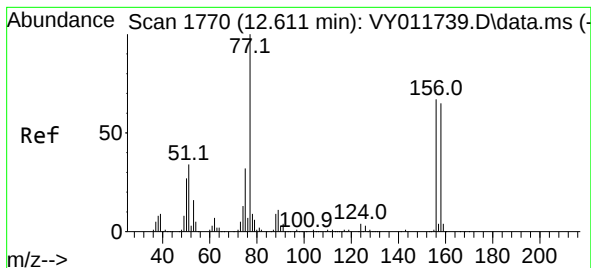


#76
1,2,3-Trichloropropane
Concen: 20.181 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48



Tgt Ion: 75 Resp: 31500
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.412 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBSD01

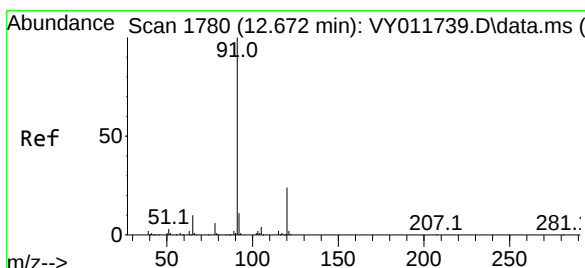
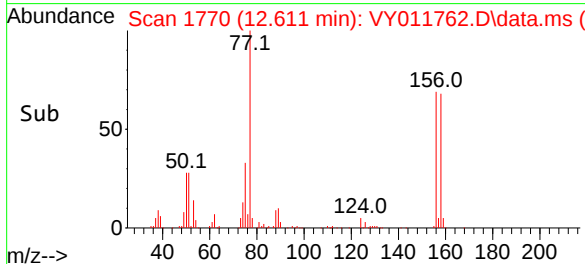
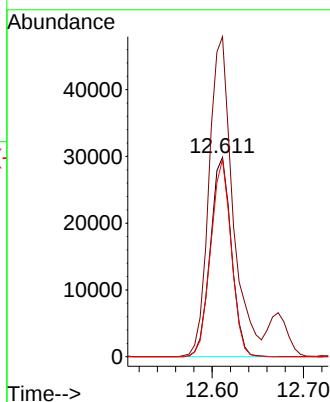
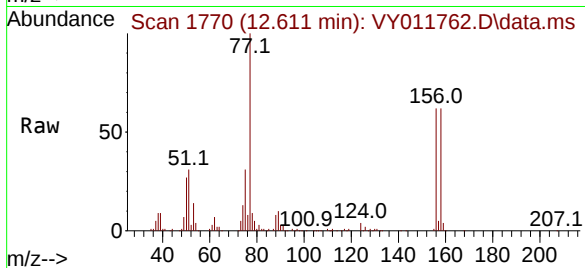
Tgt Ion:	156	Resp:	47639
Ion Ratio	Lower	Upper	
156	100		
77	181.4	90.0	270.0
158	96.6	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#78

n-propylbenzene

Concen: 20.321 ug/l

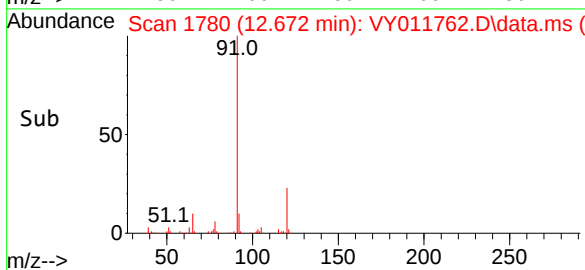
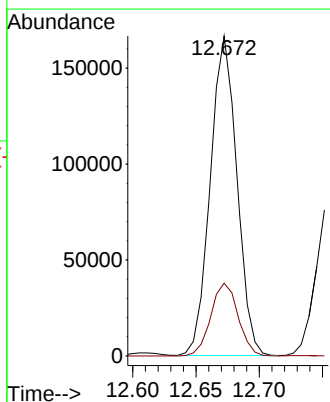
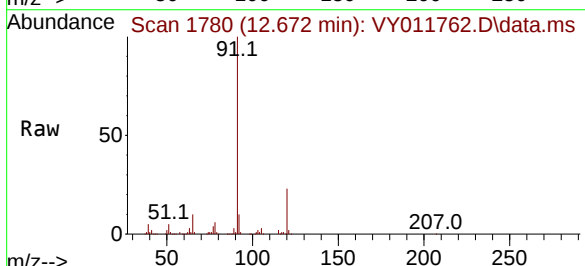
RT: 12.672 min Scan# 1780

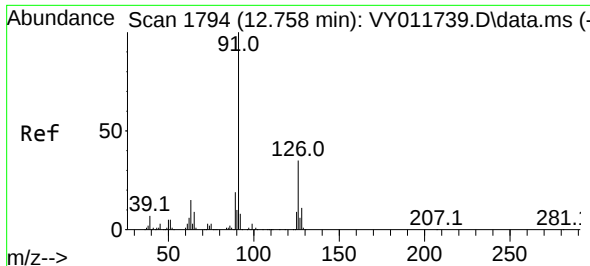
Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Tgt Ion:	91	Resp:	243426
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.8	35.4





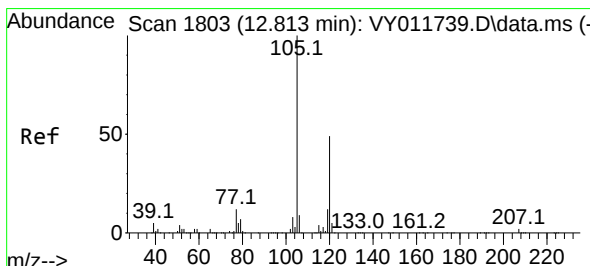
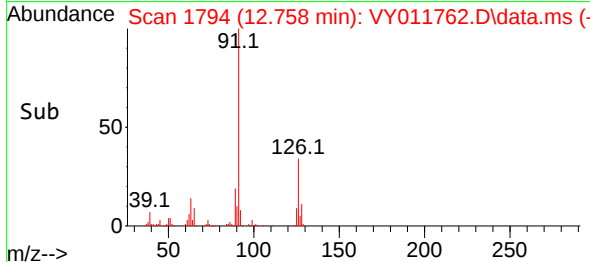
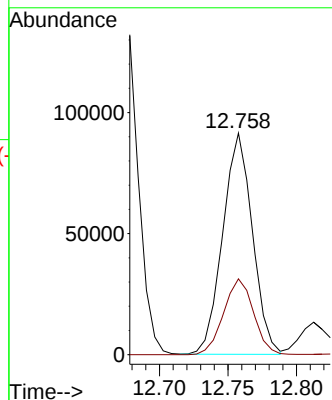
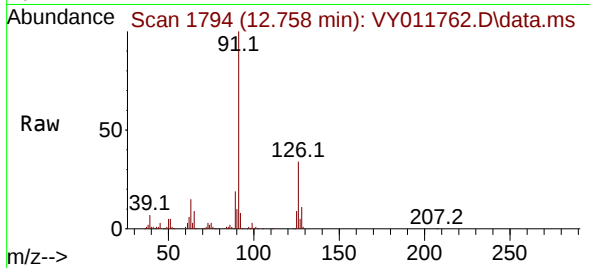
#79
2-Chlorotoluene
Concen: 20.161 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tgt Ion: 91 Resp: 13783
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.5

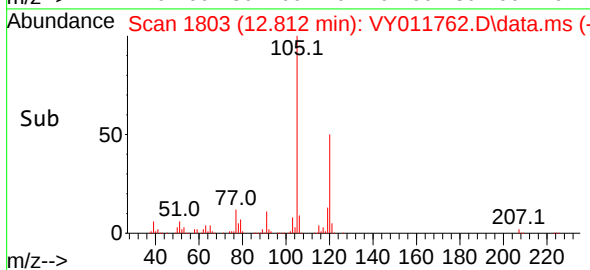
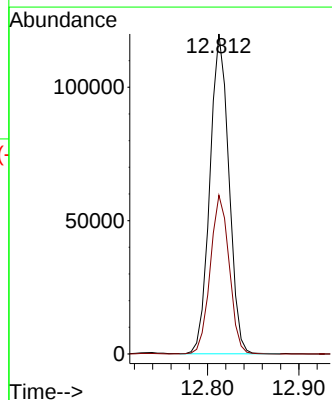
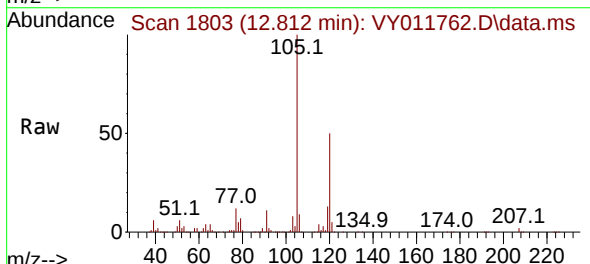
Manual Integrations
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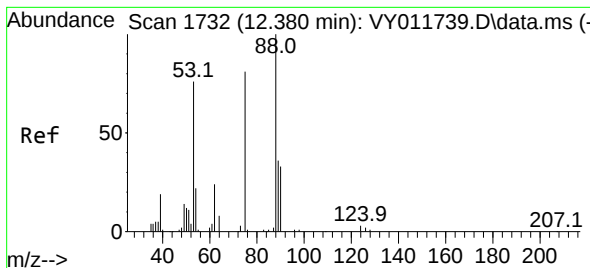
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.438 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

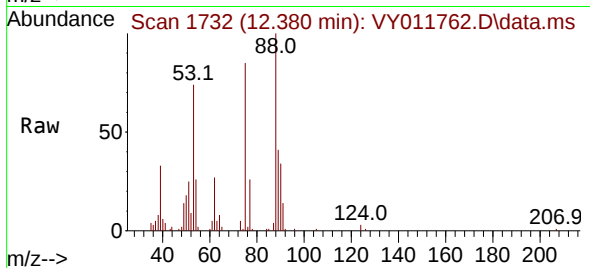
Tgt Ion:105 Resp: 172678
Ion Ratio Lower Upper
105 100
120 49.5 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.840 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

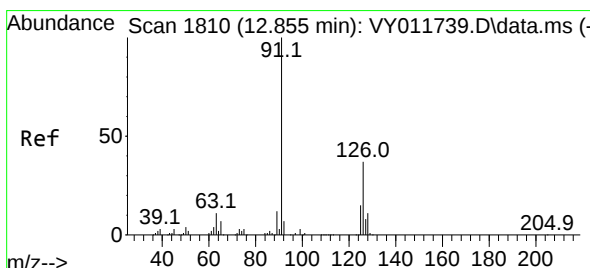
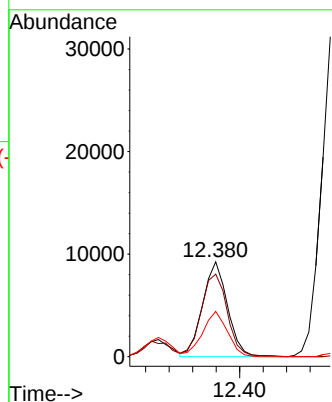
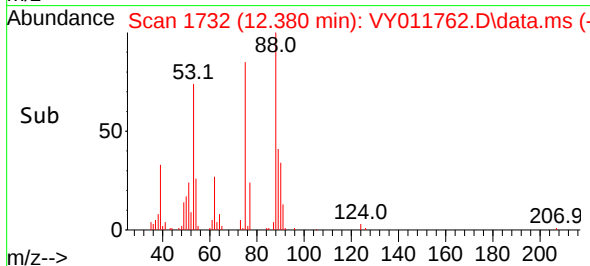
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01



Tgt Ion: 75 Resp: 1364
Ion Ratio Lower Upper
75 100
53 91.5 72.5 108.7
89 47.6 37.0 55.4

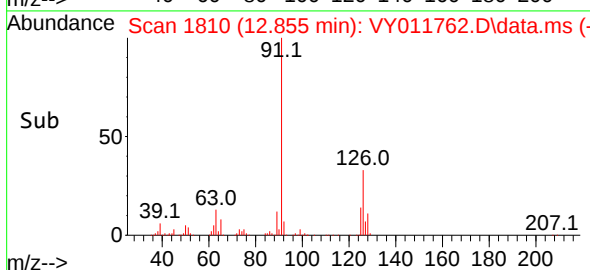
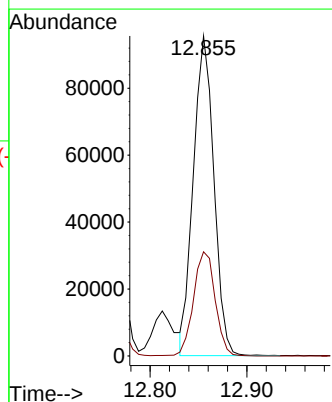
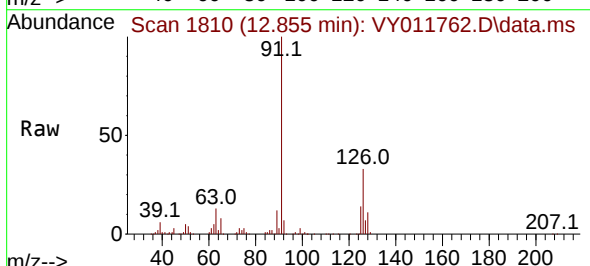
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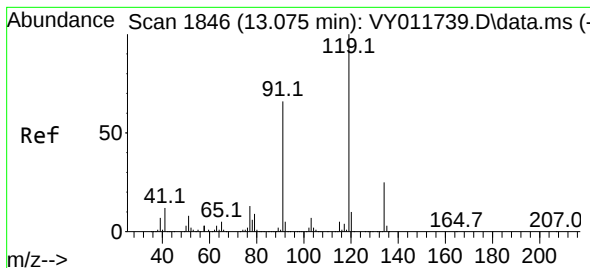
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#82
4-Chlorotoluene
Concen: 19.888 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

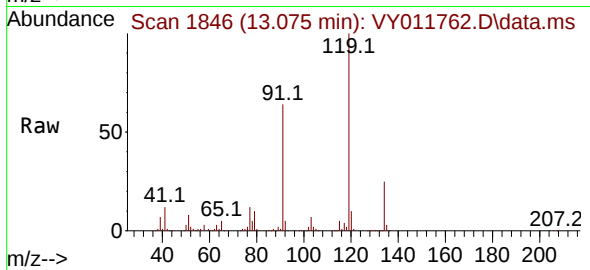
Tgt Ion: 91 Resp: 141022
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2





#83
tert-Butylbenzene
Concen: 20.207 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

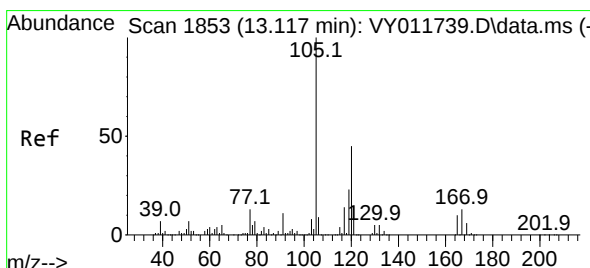
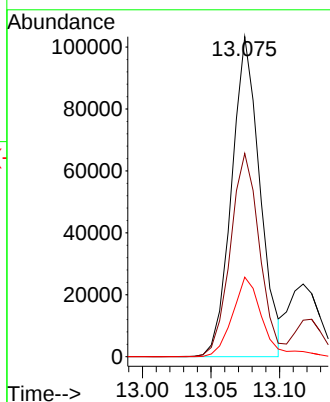
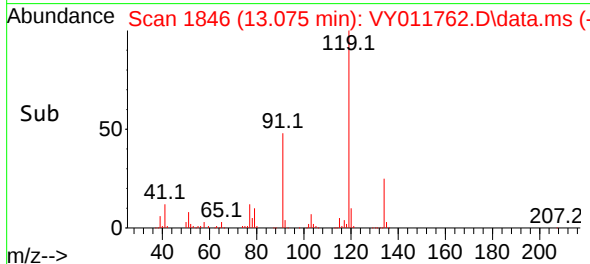
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01



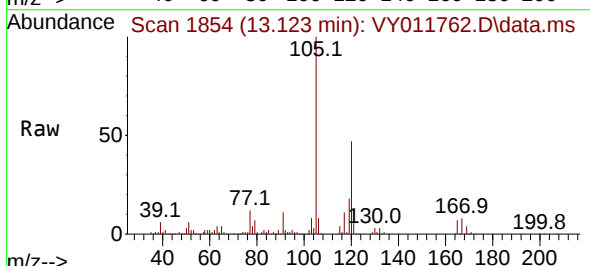
Tgt Ion:119 Resp: 148664
Ion Ratio Lower Upper
119 100
91 66.0 32.3 96.8
134 26.4 13.0 39.0

Manual Integrations
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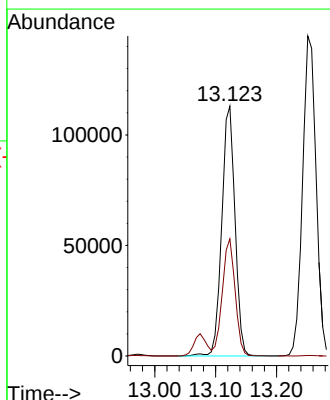
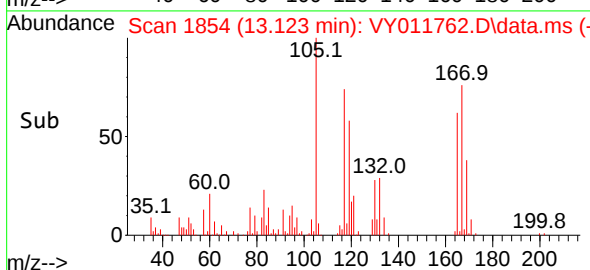
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

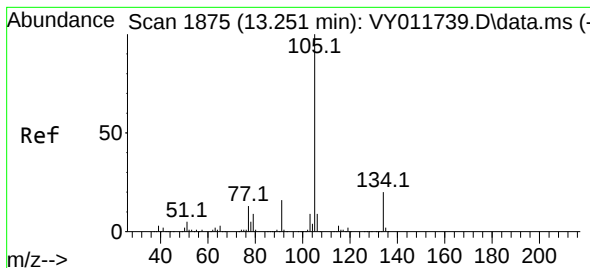


#84
1,2,4-Trimethylbenzene
Concen: 20.482 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48



Tgt Ion:105 Resp: 170386
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.7





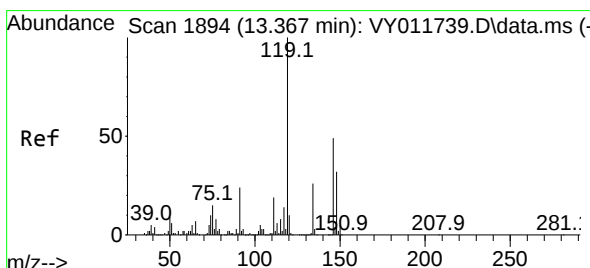
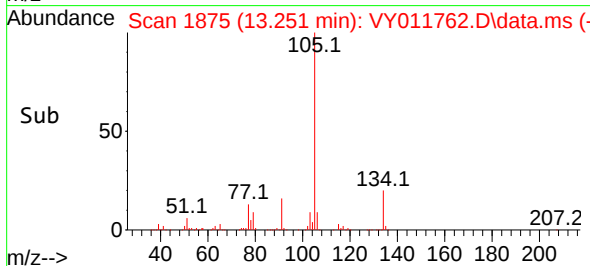
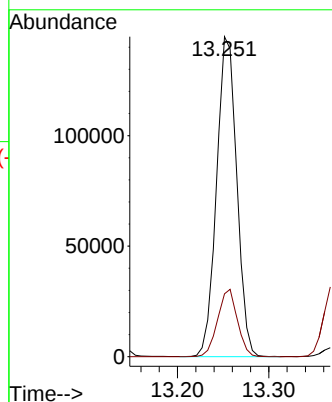
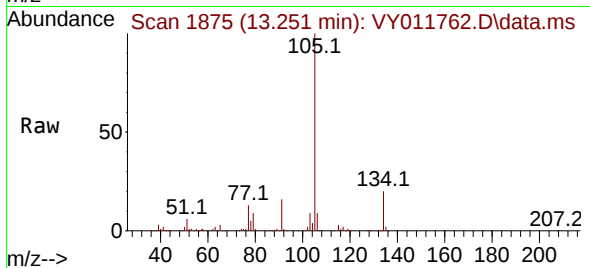
#85
 sec-Butylbenzene
 Concen: 20.301 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011762.D
 Acq: 12 Dec 2022 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBSD01

Tgt Ion:105 Resp: 222419
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3

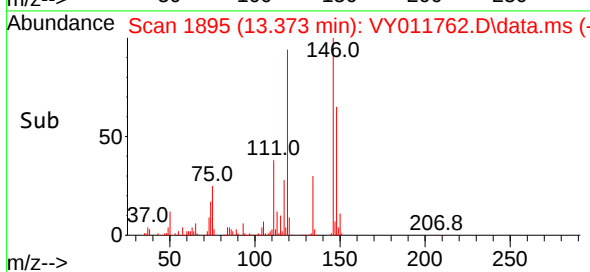
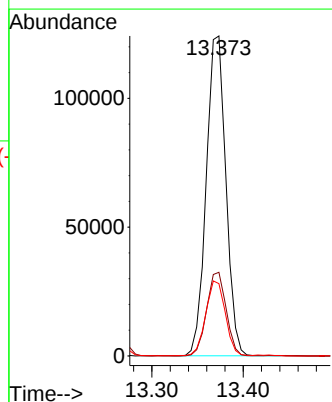
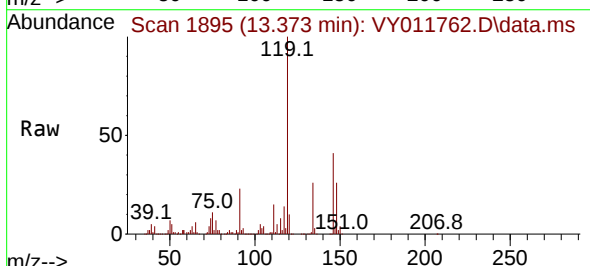
Manual Integrations
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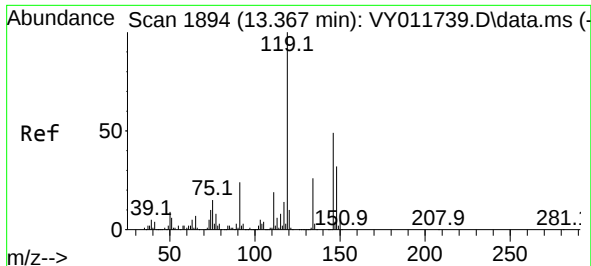
Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#86
 p-Isopropyltoluene
 Concen: 20.330 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY011762.D
 Acq: 12 Dec 2022 11:48

Tgt Ion:119 Resp: 185384
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 23.3 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.076 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011762.D

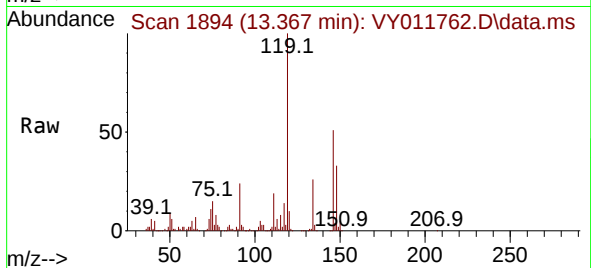
Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBSD01



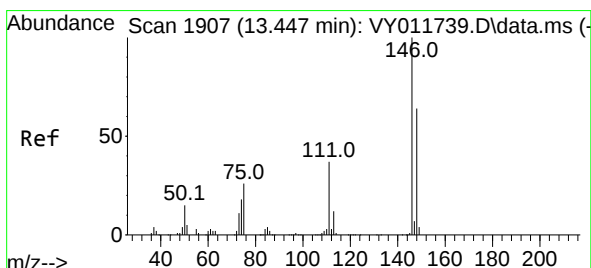
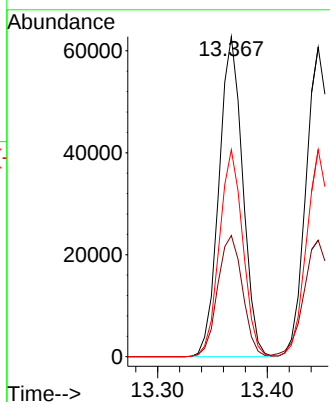
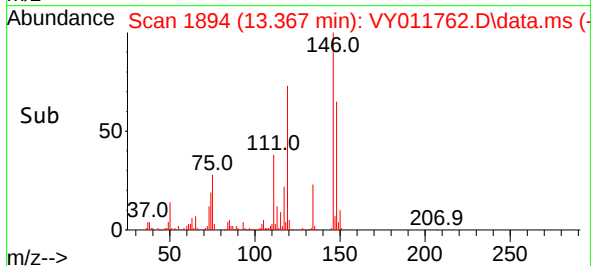
Tgt Ion:	146	Resp:	94290
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.7	59.0
148	64.1	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#88

1,4-Dichlorobenzene

Concen: 20.105 ug/l

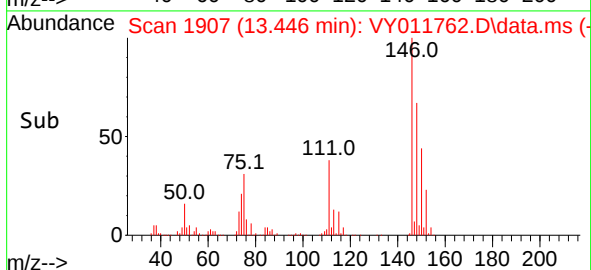
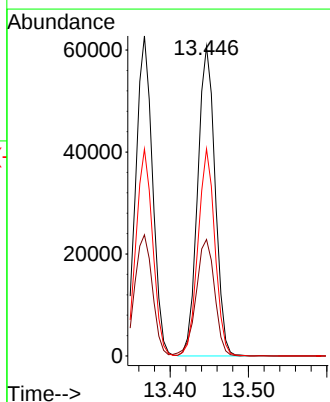
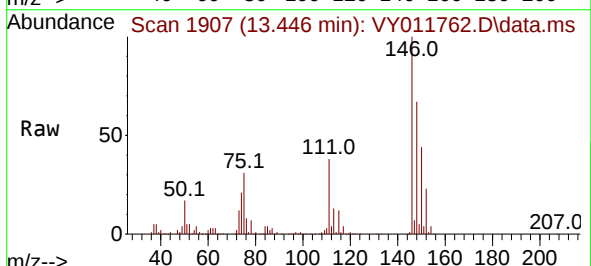
RT: 13.446 min Scan# 1907

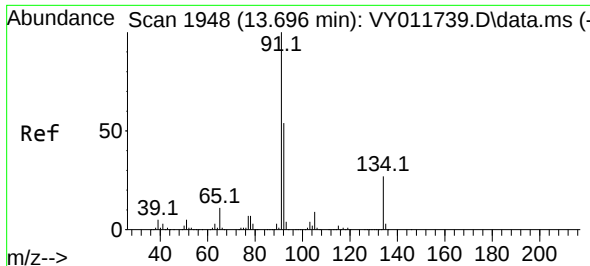
Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

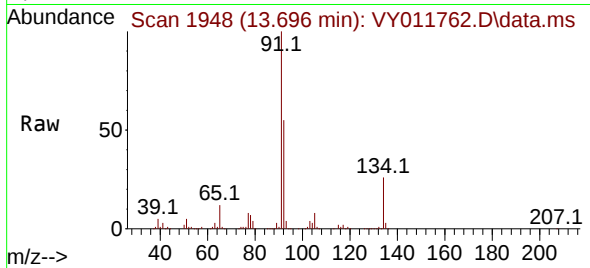
Tgt Ion:	146	Resp:	93847
Ion Ratio	Lower	Upper	
146	100		
111	40.0	19.6	58.7
148	64.9	31.9	95.7





#89
n-Butylbenzene
Concen: 19.996 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

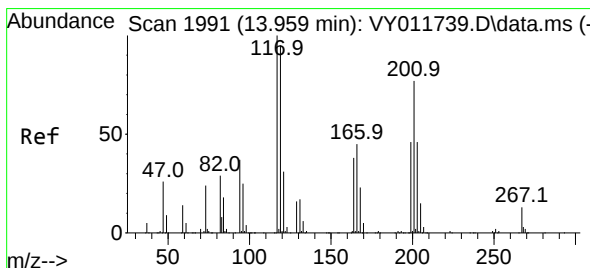
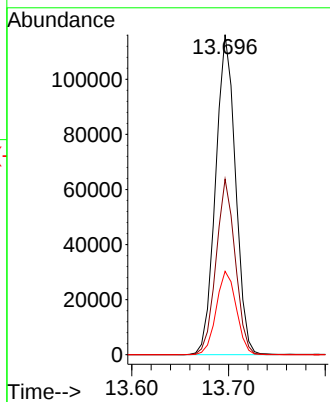
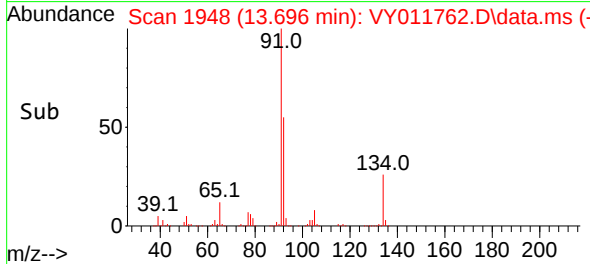
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01



Tgt Ion: 91 Resp: 16575
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.4
134 26.2 13.3 39.8

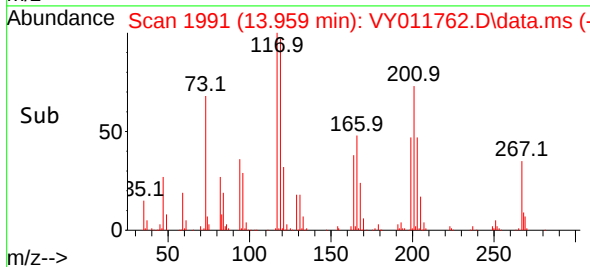
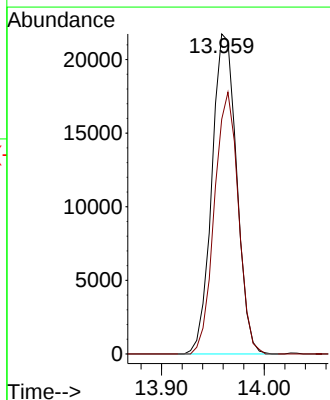
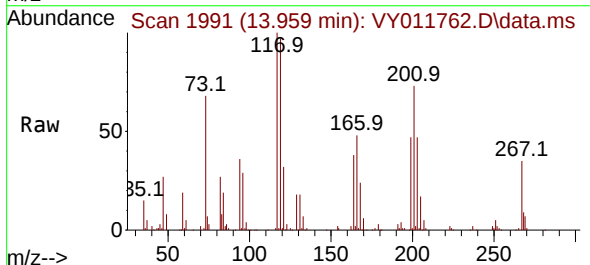
Manual Integrations
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Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#90
Hexachloroethane
Concen: 20.088 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Tgt Ion:117 Resp: 36399
Ion Ratio Lower Upper
117 100
201 78.9 40.3 120.8





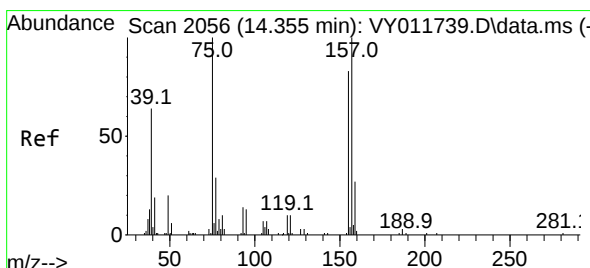
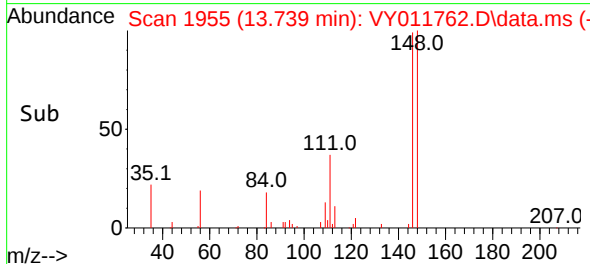
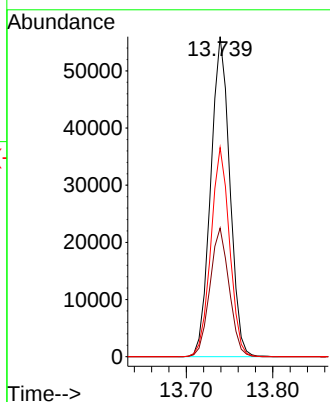
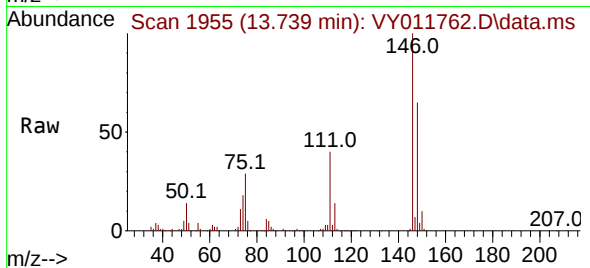
#91
1,2-Dichlorobenzene
Concen: 20.262 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tgt Ion:146 Resp: 85630
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 64.1 31.8 95.4

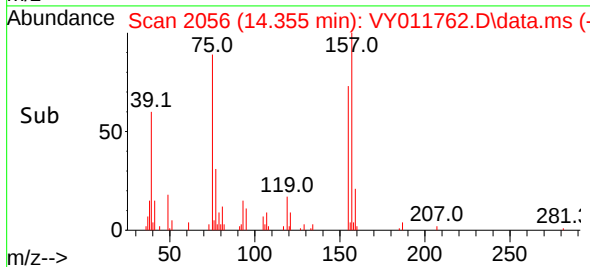
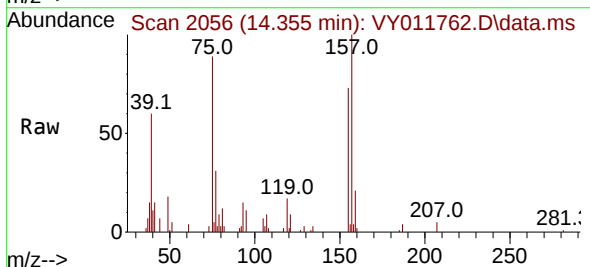
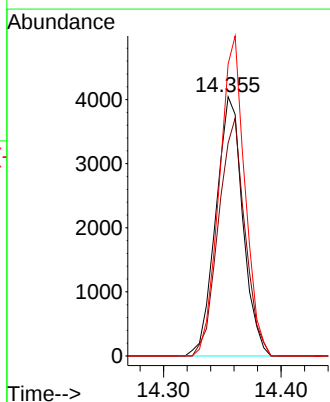
Manual Integrations
APPROVED

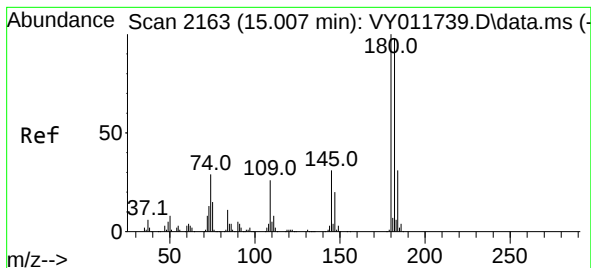
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.981 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011762.D
Acq: 12 Dec 2022 11:48

Tgt Ion: 75 Resp: 6442
Ion Ratio Lower Upper
75 100
155 90.1 42.3 126.8
157 116.4 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 19.111 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY011762.D

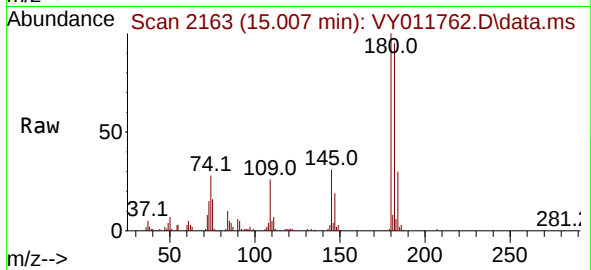
Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01



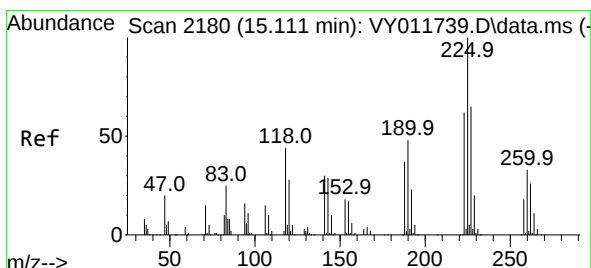
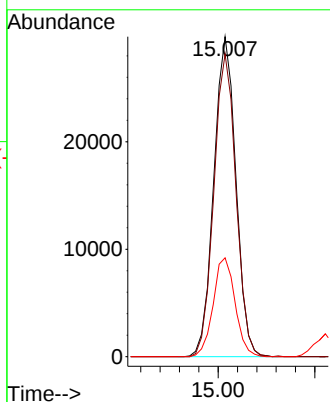
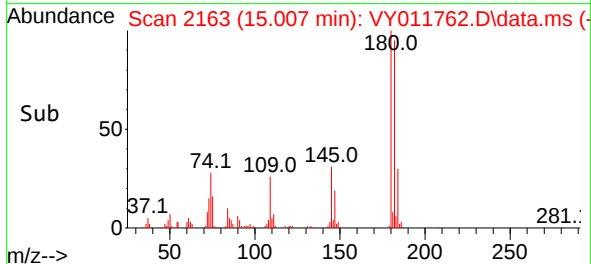
Tgt Ion:180	Resp:	47110
Ion Ratio	Lower	Upper
180	100	
182	94.8	48.1 144.3
145	30.7	15.4 46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#94

Hexachlorobutadiene

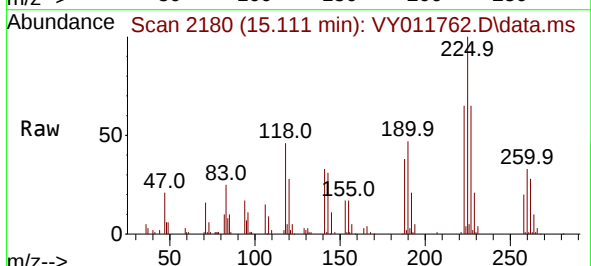
Concen: 19.658 ug/l

RT: 15.111 min Scan# 2180

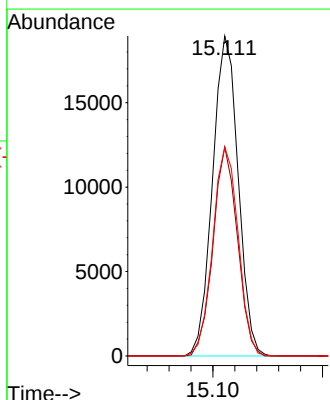
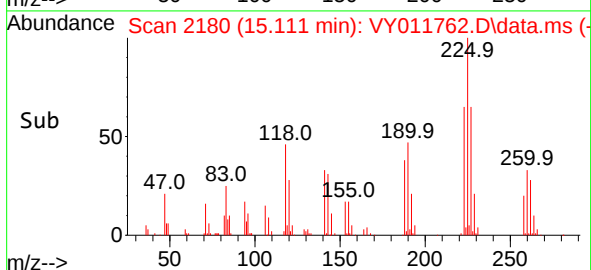
Delta R.T. -0.000 min

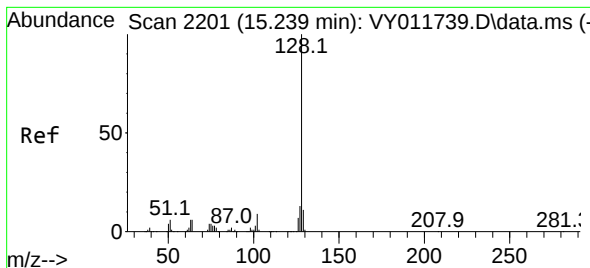
Lab File: VY011762.D

Acq: 12 Dec 2022 11:48



Tgt Ion:225	Resp:	30789
Ion Ratio	Lower	Upper
225	100	
223	62.2	31.4 94.2
227	64.8	32.6 97.8





#95

Naphthalene

Concen: 18.779 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

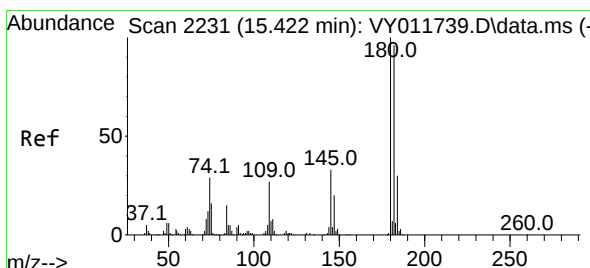
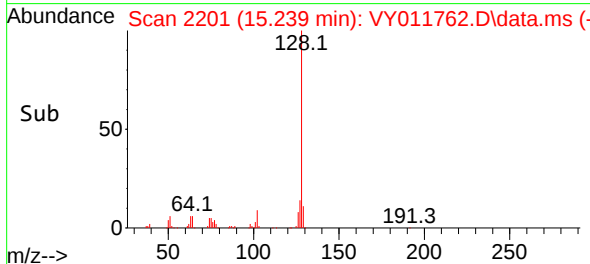
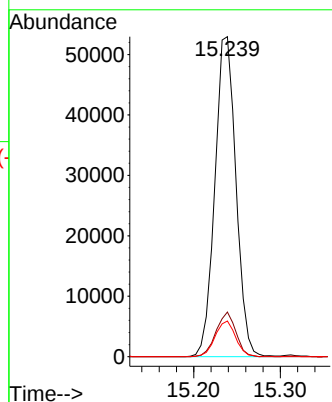
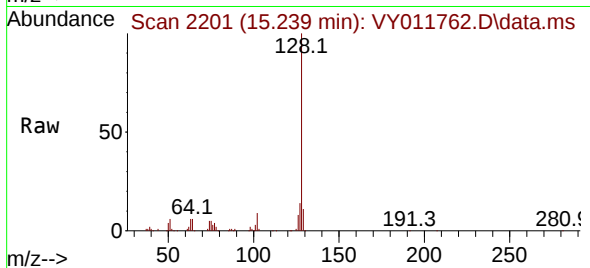
Tgt Ion:128	Resp:	89650
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.2 15.2
129	10.9	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.175 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY011762.D

Acq: 12 Dec 2022 11:48

Tgt Ion:180	Resp:	40828
Ion Ratio	Lower	Upper
180	100	
182	94.3	47.9 143.7
145	31.6	16.1 48.2

