

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011861.D
 Acq On : 15 Dec 2022 10:31
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022

Quant Time: Dec 16 00:12:34 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	7.795	168	219288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	333217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	299163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70744	46.988	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.980%			
35) Dibromofluoromethane	7.722	113	77727	52.713	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.420%			
50) Toluene-d8	10.185	98	239125	49.152	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.300%			
62) 4-Bromofluorobenzene	12.483	95	101751	52.937	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44267	44.844	ug/l	98
3) Chloromethane	2.119	50	57045	48.525	ug/l	95
4) Vinyl Chloride	2.253	62	67684	48.166	ug/l	100
5) Bromomethane	2.656	94	46996	49.916	ug/l	95
6) Chloroethane	2.802	64	48757	44.838	ug/l	96
7) Trichlorofluoromethane	3.131	101	131629	43.666	ug/l	98
8) Diethyl Ether	3.534	74	45692	43.274	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	80661	44.824	ug/l	98
10) Methyl Iodide	4.095	142	98896	46.939	ug/l	99
11) Tert butyl alcohol	4.954	59	45213	256.765	ug/l	100
12) 1,1-Dichloroethene	3.875	96	73005	44.985	ug/l	100
13) Acrolein	3.735	56	60444	195.529	ug/l	100
14) Allyl chloride	4.485	41	123296	45.737	ug/l	100
15) Acrylonitrile	5.168	53	130184	229.710	ug/l	99
16) Acetone	3.948	43	147543	246.408	ug/l	96
17) Carbon Disulfide	4.204	76	157994	42.630	ug/l	100
18) Methyl Acetate	4.479	43	60557	42.196	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	239204	47.075	ug/l	99
20) Methylene Chloride	4.716	84	105752	49.562	ug/l	99
21) trans-1,2-Dichloroethene	5.229	96	84125	46.121	ug/l	98
22) Diisopropyl ether	6.119	45	291882	49.627	ug/l	95
23) Vinyl Acetate	6.064	43	842165	250.989	ug/l	99
24) 1,1-Dichloroethane	6.021	63	169139	47.324	ug/l	99
25) 2-Butanone	6.984	43	180181	233.939	ug/l	99
26) 2,2-Dichloropropane	6.984	77	159056	47.302	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	106072	47.581	ug/l	98
28) Bromochloromethane	7.338	49	66478	51.091	ug/l	99
29) Tetrahydrofuran	7.350	42	100257	228.699	ug/l	100
30) Chloroform	7.509	83	186373	48.777	ug/l	100
31) Cyclohexane	7.789	56	120745	47.100	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	164121	48.163	ug/l	99
36) 1,1-Dichloropropene	7.923	75	122089	48.283	ug/l	100
37) Ethyl Acetate	7.076	43	67553	45.696	ug/l	99
38) Carbon Tetrachloride	7.905	117	147260	49.579	ug/l	95
39) Methylcyclohexane	9.185	83	132813	46.681	ug/l	100
40) Benzene	8.161	78	369280	48.885	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	40192m	53.857	ug/l	
42) 1,2-Dichloroethane	8.240	62	114050	48.823	ug/l	100
43) Isopropyl Acetate	8.277	43	124939	46.609	ug/l	99
44) Trichloroethene	8.941	130	102270	48.340	ug/l	97
45) 1,2-Dichloropropane	9.216	63	95969	49.086	ug/l	99
46) Dibromomethane	9.307	93	53075	48.496	ug/l	100
47) Bromodichloromethane	9.496	83	142128	50.268	ug/l	98
48) Methyl methacrylate	9.295	41	56617	47.915	ug/l	99
49) 1,4-Dioxane	9.301	88	14377	948.255	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	362728	245.577	ug/l	99
52) Toluene	10.246	92	241003	50.185	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	139033	49.230	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	155891	49.129	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	81724	50.522	ug/l	98
56) Ethyl methacrylate	10.514	69	103785	49.702	ug/l	100
57) 1,3-Dichloropropane	10.795	76	132950	49.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	235451	243.167	ug/l	99
59) 2-Hexanone	10.831	43	264968	251.077	ug/l	99
60) Dibromochloromethane	10.984	129	102496	50.590	ug/l	99
61) 1,2-Dibromoethane	11.093	107	70402	48.042	ug/l	99
64) Tetrachloroethene	10.721	164	103708	48.997	ug/l	98
65) Chlorobenzene	11.520	112	265546	49.263	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	106578	50.966	ug/l	99
67) Ethyl Benzene	11.593	91	476161	50.133	ug/l	100
68) m/p-Xylenes	11.703	106	364332	100.163	ug/l	99
69) o-Xylene	12.032	106	175432	50.599	ug/l	99
70) Styrene	12.044	104	304589	51.473	ug/l	99
71) Bromoform	12.209	173	64467	49.980	ug/l	99
73) Isopropylbenzene	12.331	105	483407	50.460	ug/l	100
74) N-amyl acetate	12.148	43	109729	47.639	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	89279	47.853	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	75789m	50.662	ug/l	
77) Bromobenzene	12.611	156	110581	49.438	ug/l	99
78) n-propylbenzene	12.672	91	574949	50.080	ug/l	100
79) 2-Chlorotoluene	12.758	91	325599	49.693	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	409128	50.526	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	31320	47.508	ug/l	99
82) 4-Chlorotoluene	12.855	91	330902	48.691	ug/l	99
83) tert-Butylbenzene	13.075	119	366619	51.996	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	404476	50.732	ug/l	98
85) sec-Butylbenzene	13.258	105	530306	50.503	ug/l	99
86) p-Isopropyltoluene	13.373	119	447482	51.202	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	222199	49.363	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	218989	48.950	ug/l	99
89) n-Butylbenzene	13.697	91	402099	50.612	ug/l	99
90) Hexachloroethane	13.965	117	85794	49.402	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	197979	48.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14867	45.705	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	116068	49.129	ug/l	99
94) Hexachlorobutadiene	15.117	225	73335	48.855	ug/l	99
95) Naphthalene	15.239	128	223794	48.908	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	99751	48.881	ug/l	99

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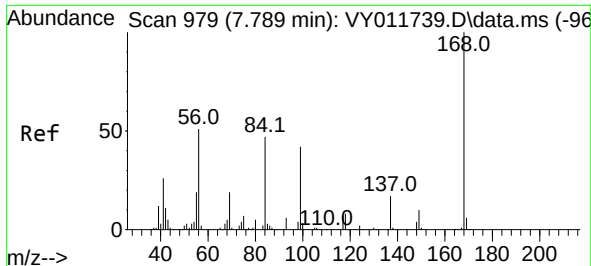
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



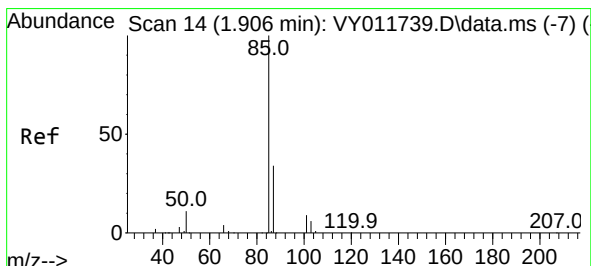
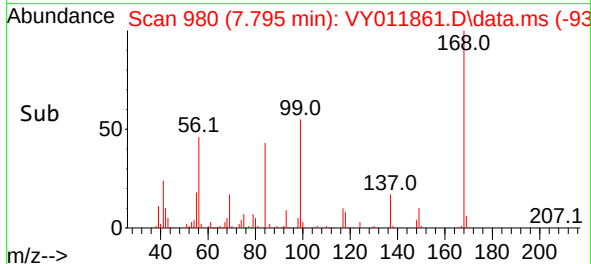
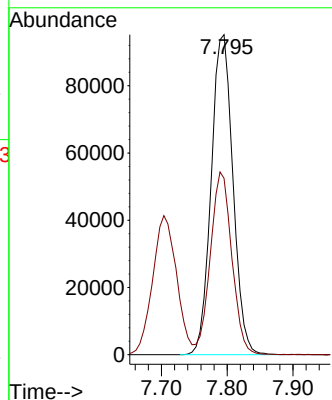
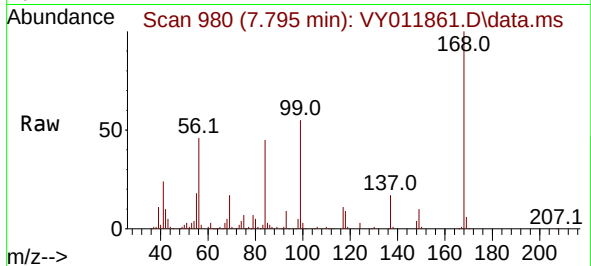
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011861.D
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MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 21928
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0

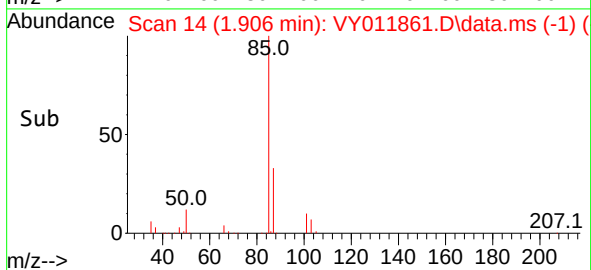
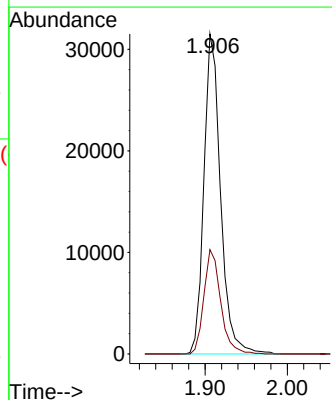
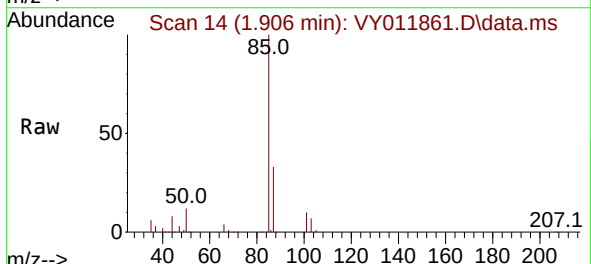
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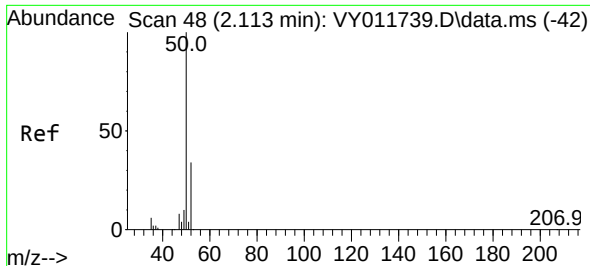
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#2
Dichlorodifluoromethane
Concen: 44.844 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

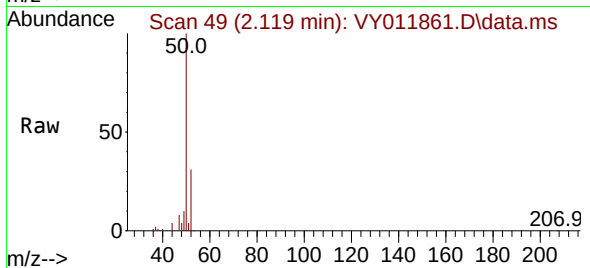
Tgt Ion: 85 Resp: 44267
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.4





#3
Chloromethane
Concen: 48.525 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

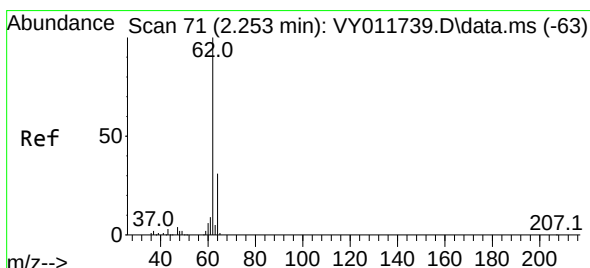
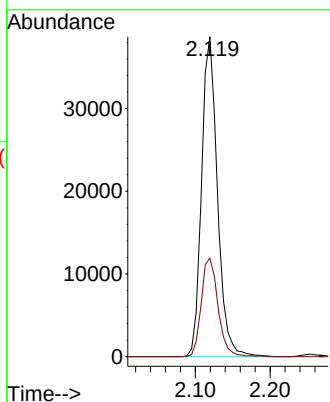
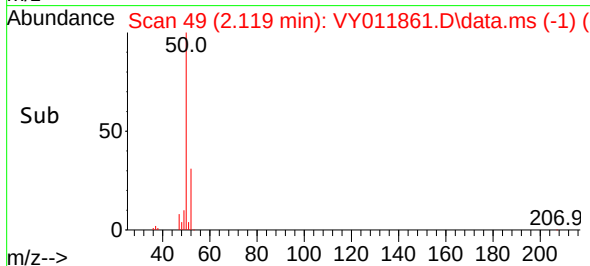
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VSTDCCC050



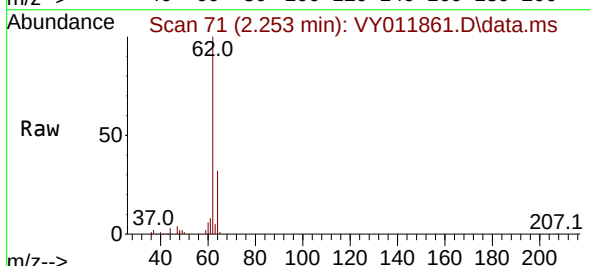
Tgt Ion: 50 Resp: 57049
Ion Ratio Lower Upper
50 100
52 30.8 26.8 40.2

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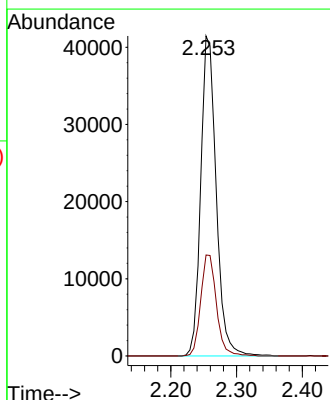
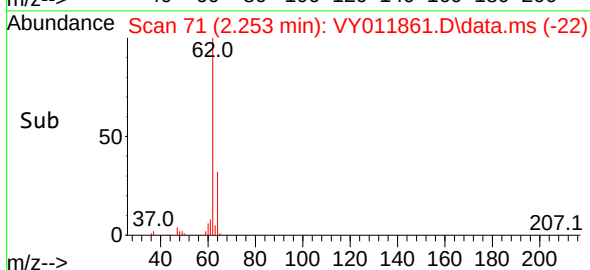
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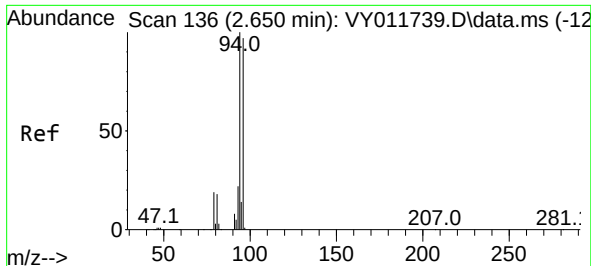


#4
Vinyl Chloride
Concen: 48.166 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31



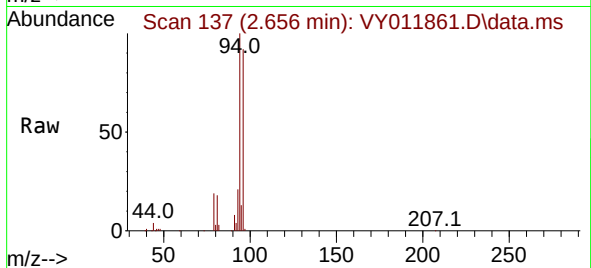
Tgt Ion: 62 Resp: 67684
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.6





#5
Bromomethane
Concen: 49.916 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

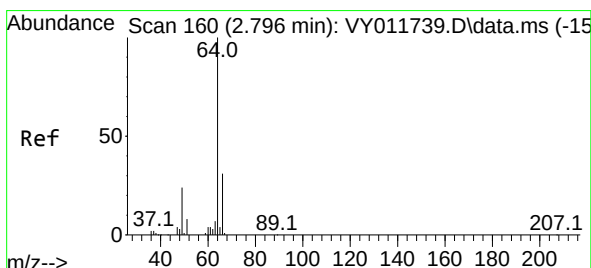
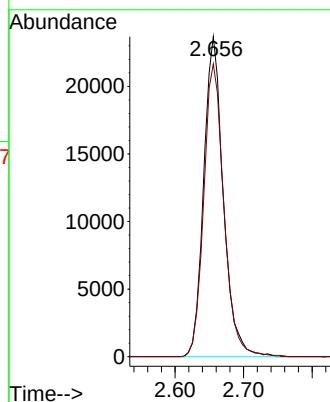
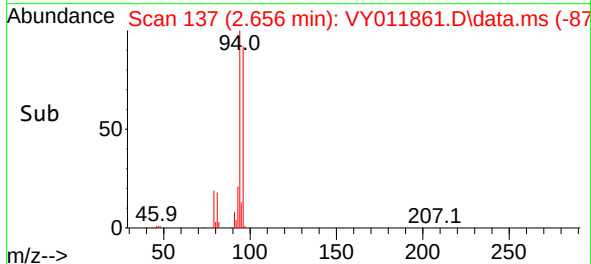
Instrument :
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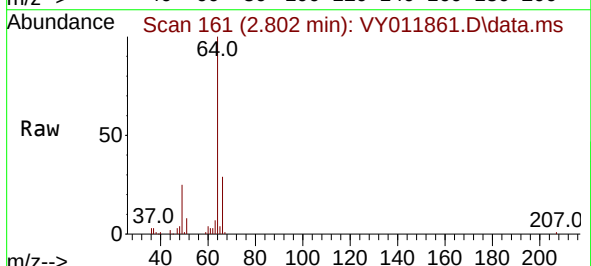
Tgt Ion: 94 Resp: 46990
Ion Ratio Lower Upper
94 100
96 91.5 77.4 116.2

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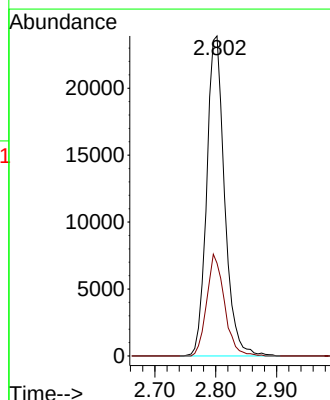
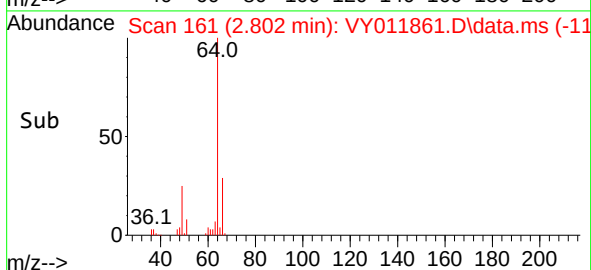
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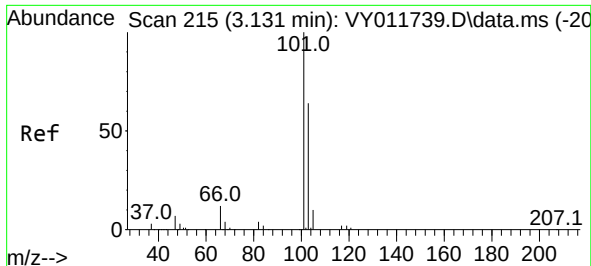


#6
Chloroethane
Concen: 44.838 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY011861.D
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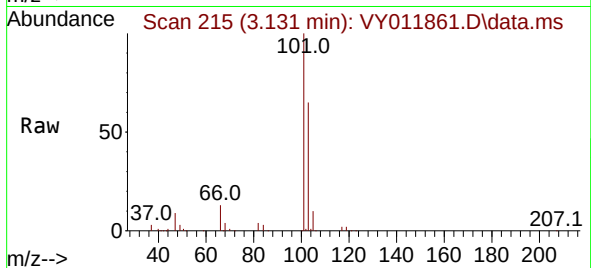
Tgt Ion: 64 Resp: 48757
Ion Ratio Lower Upper
64 100
66 29.0 25.0 37.4





#7
Trichlorofluoromethane
Concen: 43.666 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY011861.D
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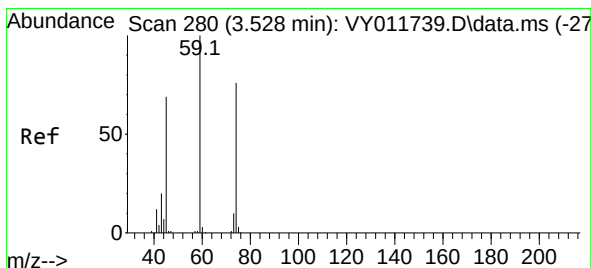
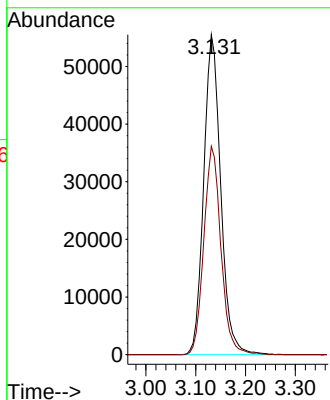
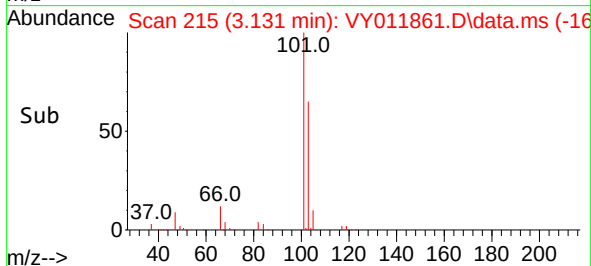
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



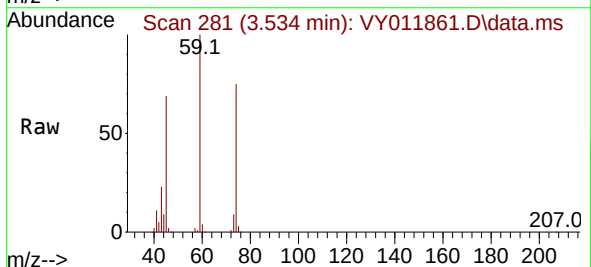
Tgt Ion: 101 Resp: 131629
Ion Ratio Lower Upper
101 100
103 65.1 51.0 76.6

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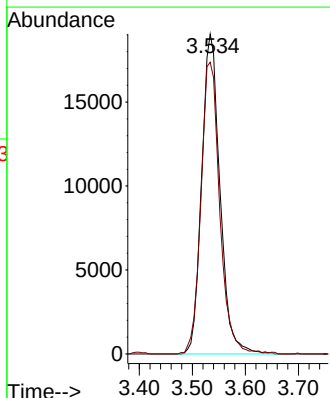
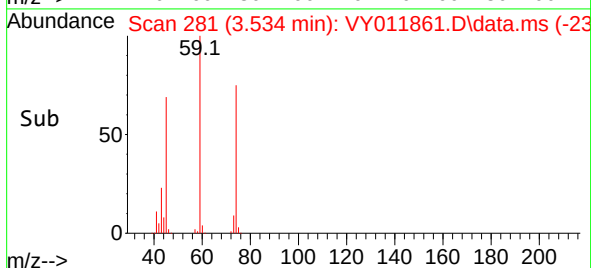
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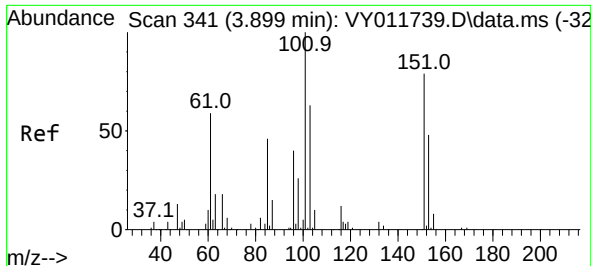


#8
Diethyl Ether
Concen: 43.274 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 45692
Ion Ratio Lower Upper
74 100
45 93.6 46.8 140.3





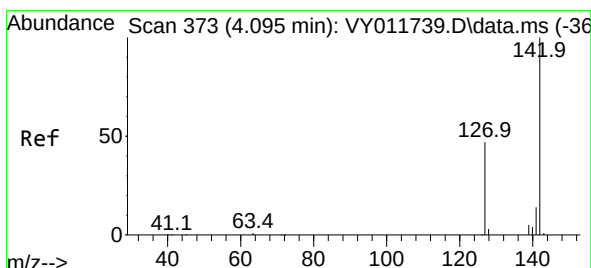
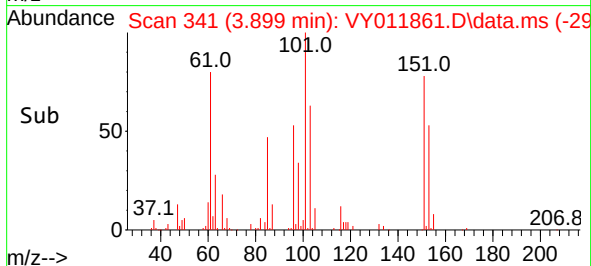
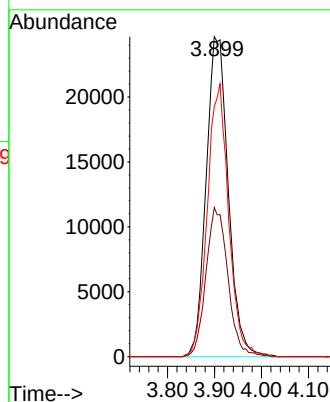
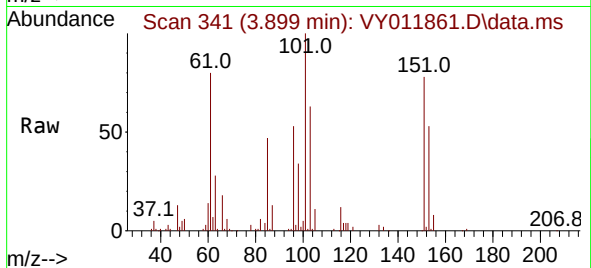
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.824 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8066
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.2
151 82.1 64.2 96.2

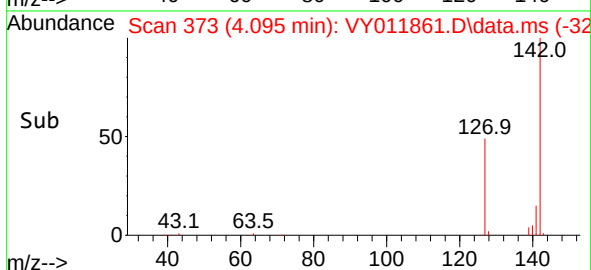
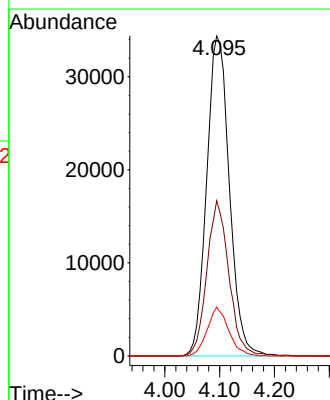
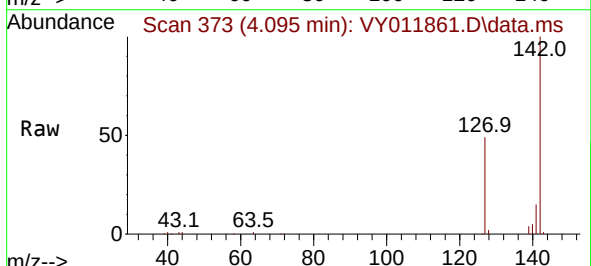
Manual Integrations
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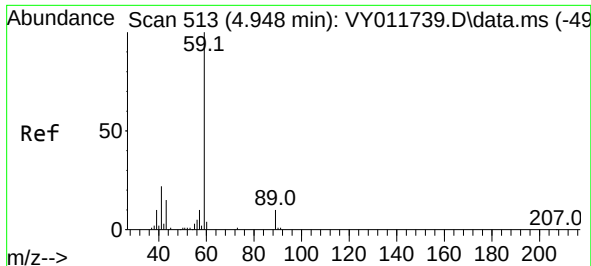
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#10
Methyl Iodide
Concen: 46.939 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Tgt Ion:142 Resp: 98896
Ion Ratio Lower Upper
142 100
127 47.1 37.0 55.4
141 14.4 11.4 17.0





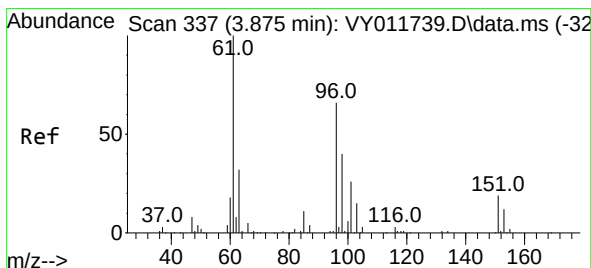
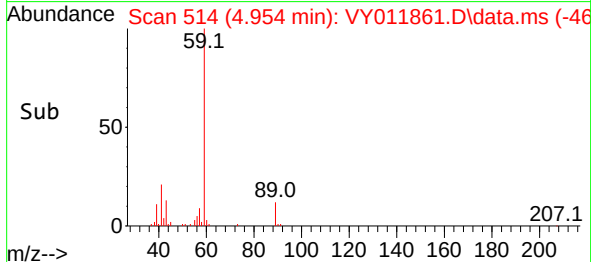
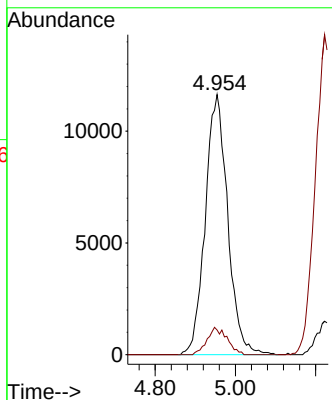
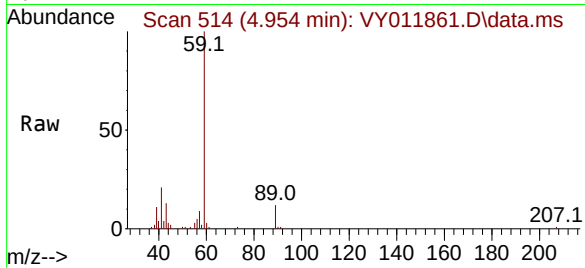
#11
Tert butyl alcohol
Concen: 256.765 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 4521
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.2

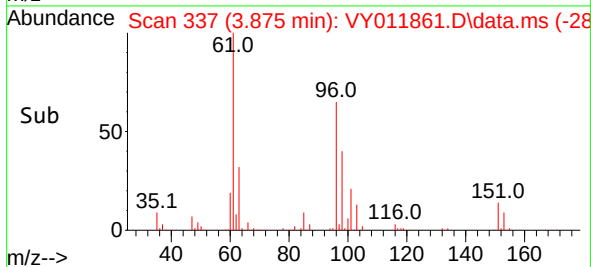
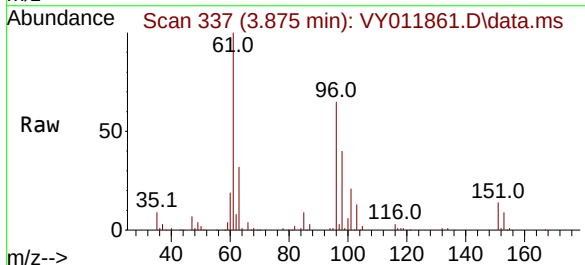
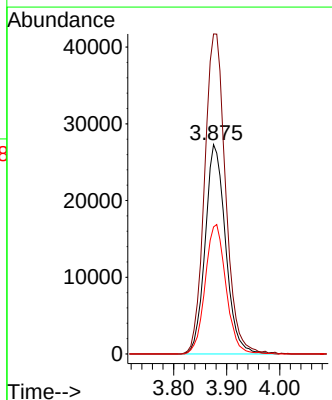
Manual Integrations
APPROVED

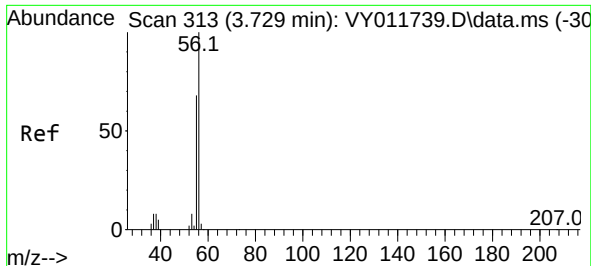
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#12
1,1-Dichloroethene
Concen: 44.985 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

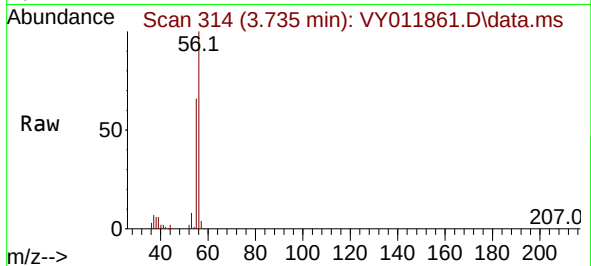
Tgt Ion: 96 Resp: 73005
Ion Ratio Lower Upper
96 100
61 152.8 122.0 183.0
98 60.6 48.6 73.0





#13
Acrolein
Concen: 195.529 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

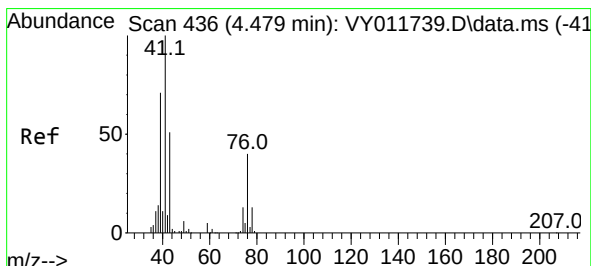
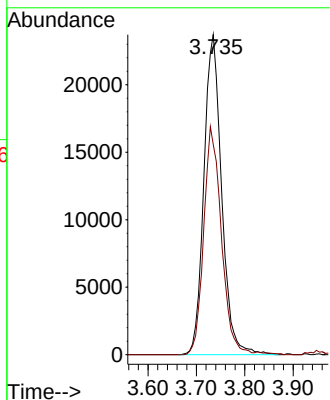
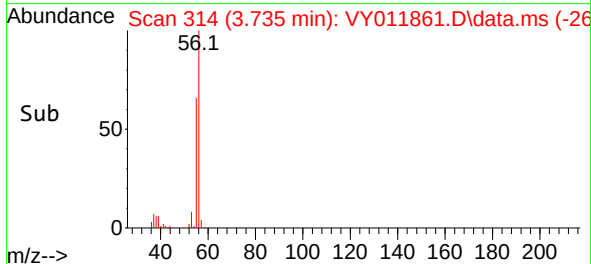
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



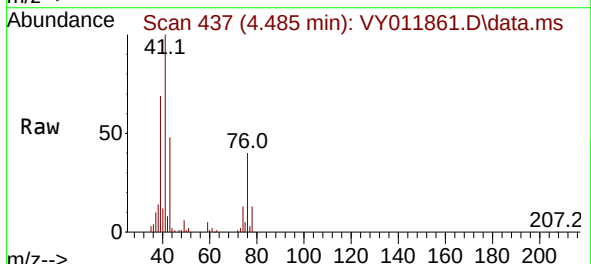
Tgt Ion: 56 Resp: 6044
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

Manual Integrations
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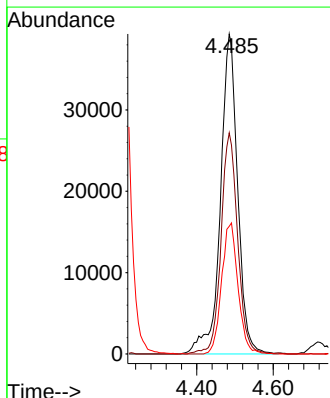
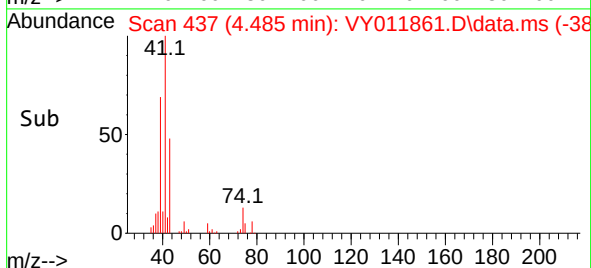
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

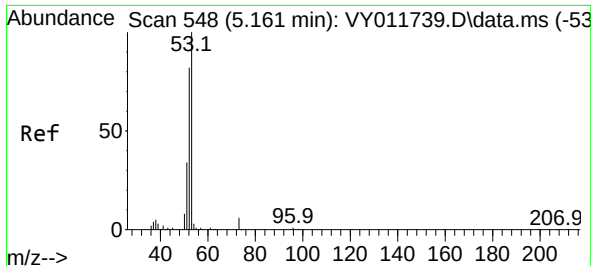


#14
Allyl chloride
Concen: 45.737 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31



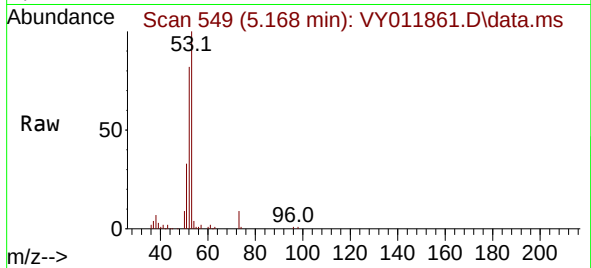
Tgt Ion: 41 Resp: 123296
Ion Ratio Lower Upper
41 100
39 66.6 53.5 80.3
76 38.9 31.1 46.7





#15
Acrylonitrile
Concen: 229.710 ug/l
RT: 5.168 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

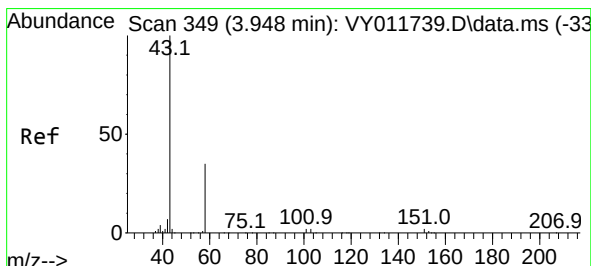
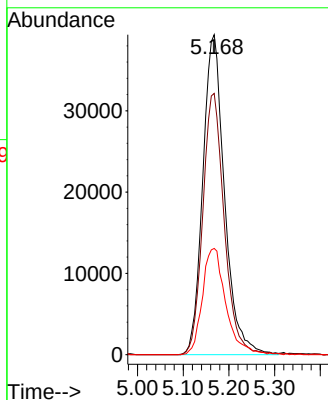
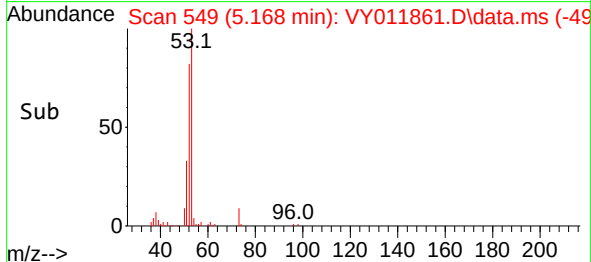
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 130184
Ion Ratio Lower Upper
53 100
52 80.7 65.1 97.7
51 35.9 28.7 43.1

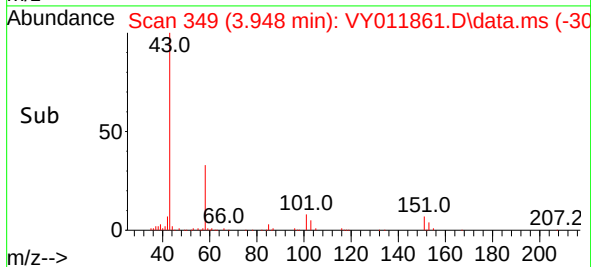
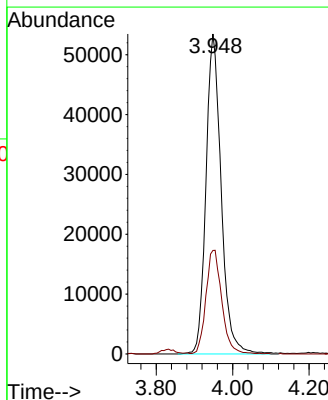
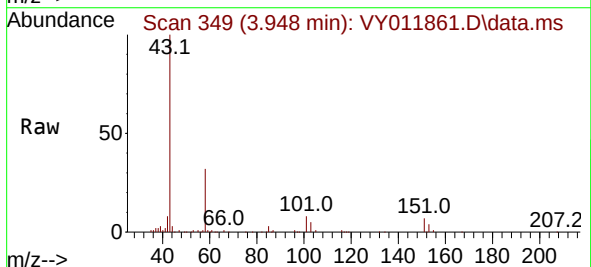
Manual Integrations
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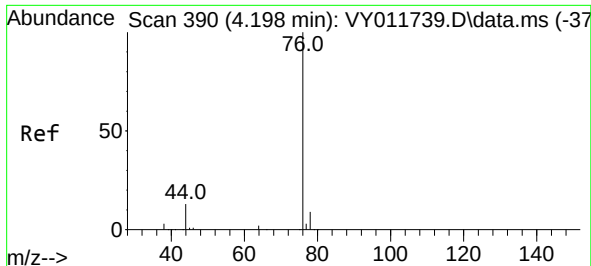
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#16
Acetone
Concen: 246.408 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Tgt Ion: 43 Resp: 147543
Ion Ratio Lower Upper
43 100
58 32.4 27.9 41.9





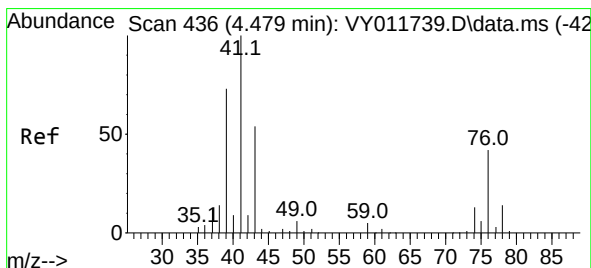
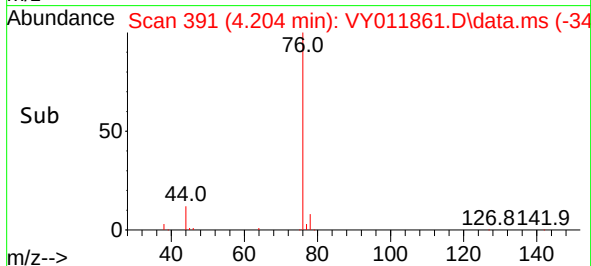
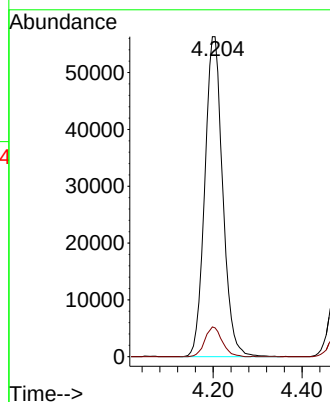
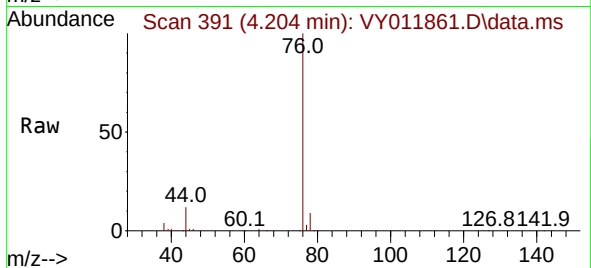
#17
Carbon Disulfide
Concen: 42.630 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 157994
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

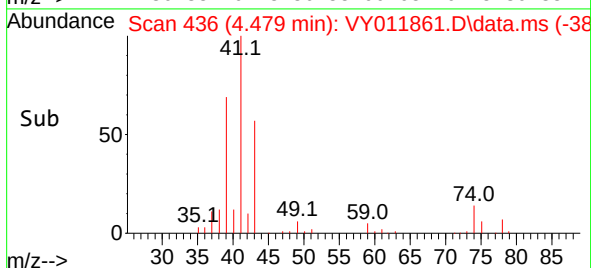
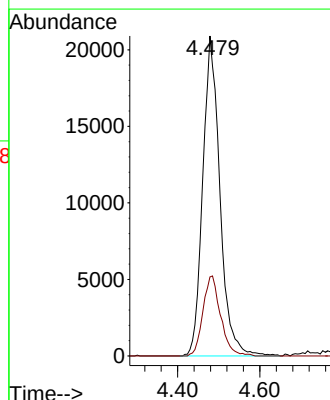
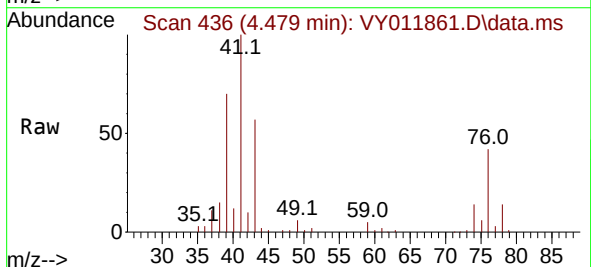
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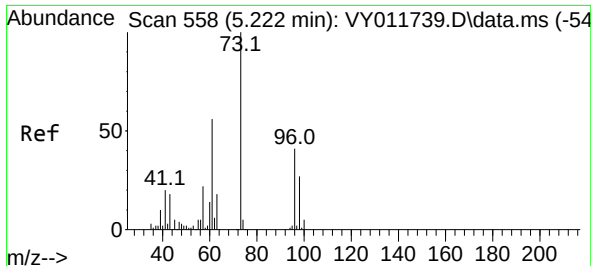
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#18
Methyl Acetate
Concen: 42.196 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

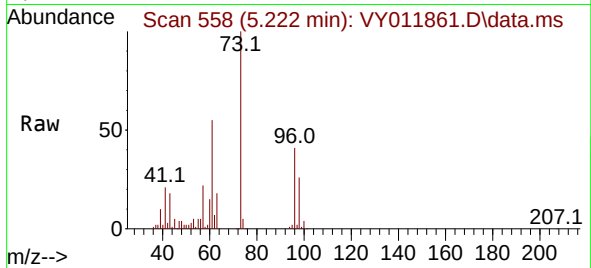
Tgt Ion: 43 Resp: 60557
Ion Ratio Lower Upper
43 100
74 25.7 20.1 30.1





#19
Methyl tert-butyl Ether
Concen: 47.075 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

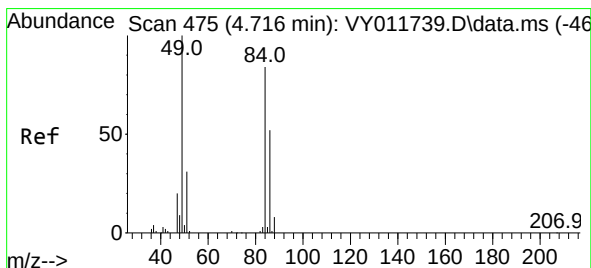
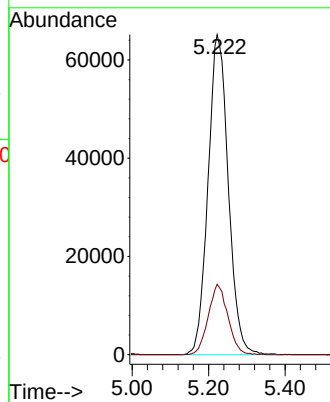
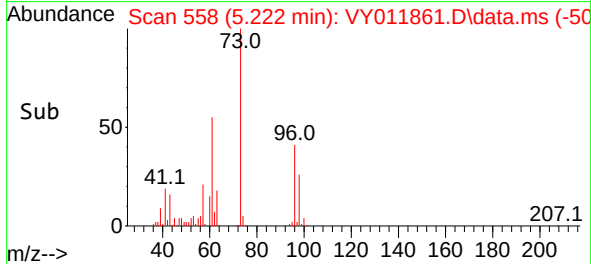
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 239204
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0

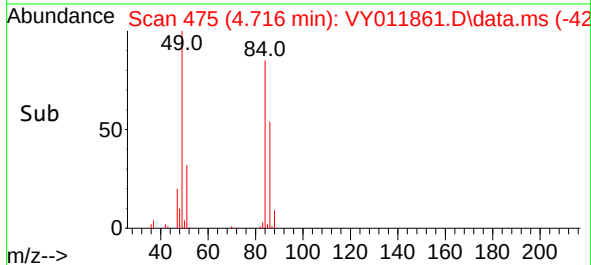
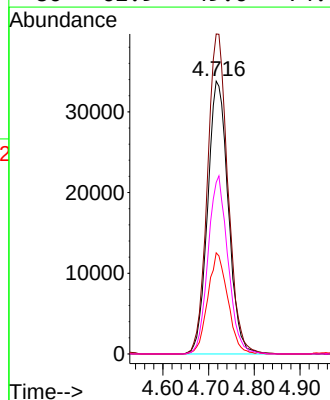
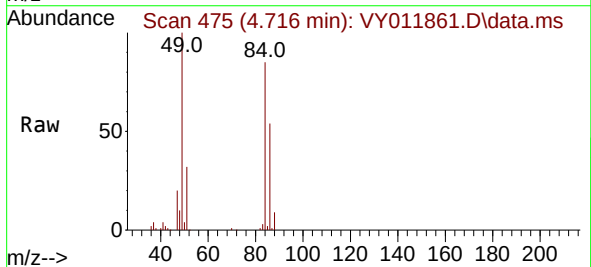
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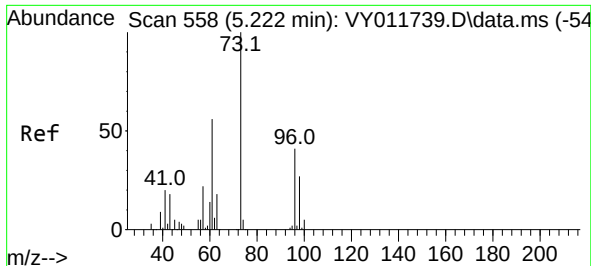
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#20
Methylene Chloride
Concen: 49.562 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

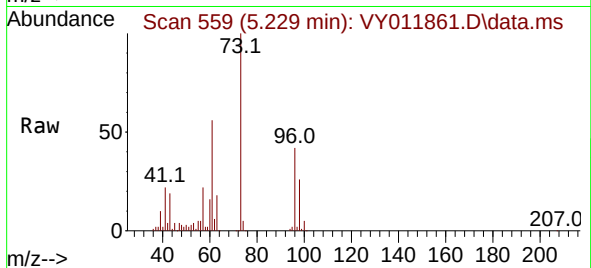
Tgt Ion: 84 Resp: 105752
Ion Ratio Lower Upper
84 100
49 117.3 95.4 143.2
51 37.1 29.9 44.9
86 62.9 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 46.121 ug/l
RT: 5.229 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

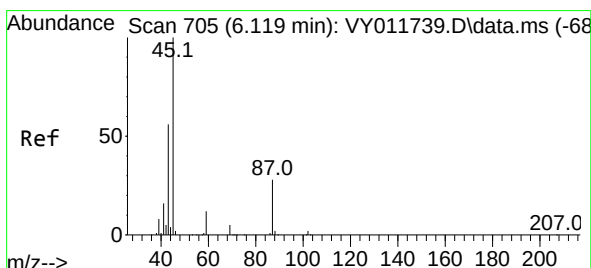
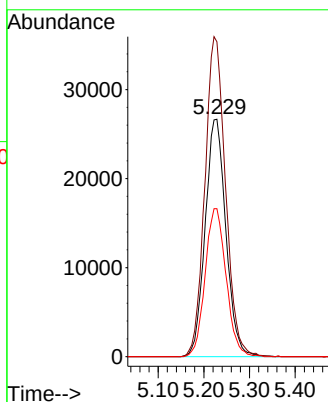
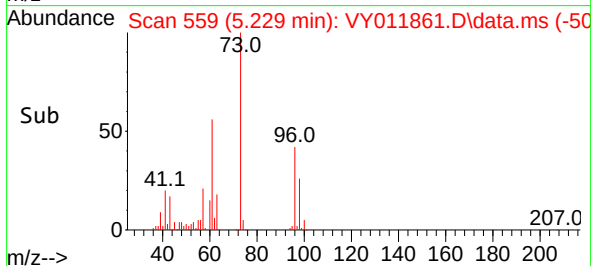
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



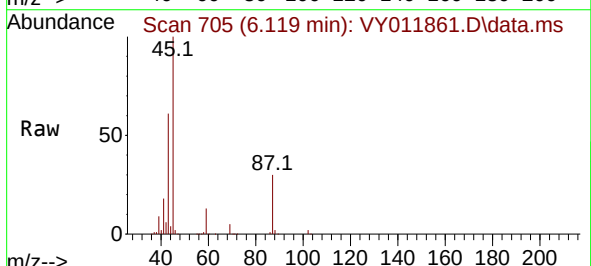
Tgt Ion: 96 Resp: 84125
Ion Ratio Lower Upper
96 100
61 132.6 108.0 162.0
98 62.3 51.6 77.4

Manual Integrations
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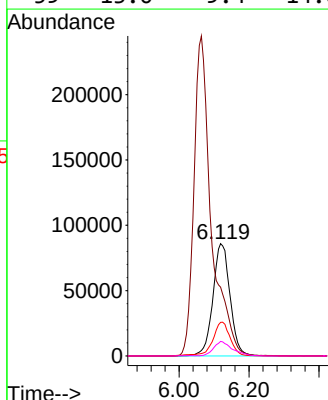
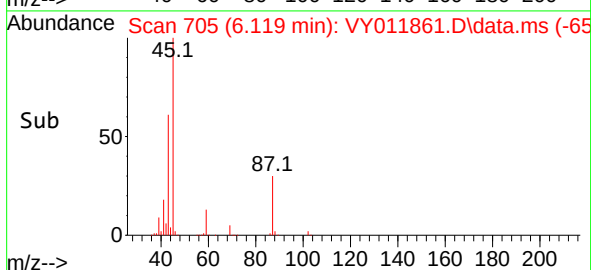
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

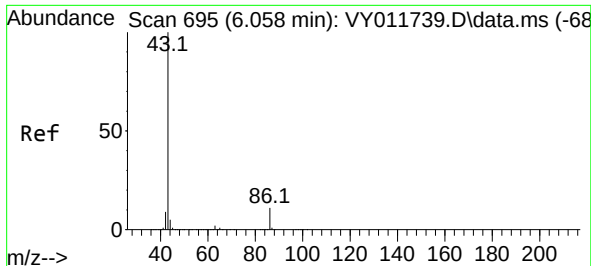


#22
Diisopropyl ether
Concen: 49.627 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31



Tgt Ion: 45 Resp: 291882
Ion Ratio Lower Upper
45 100
43 61.0 45.0 67.4
87 30.0 22.6 33.8
59 13.0 9.4 14.0





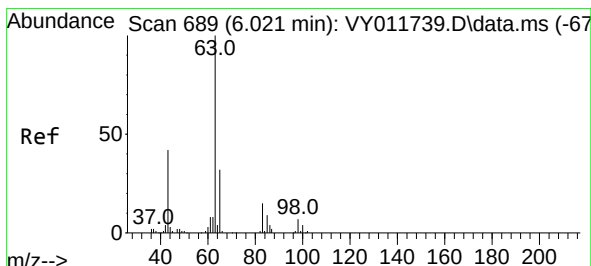
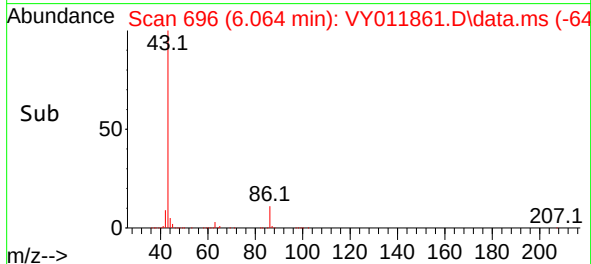
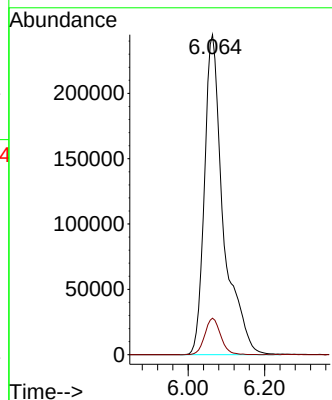
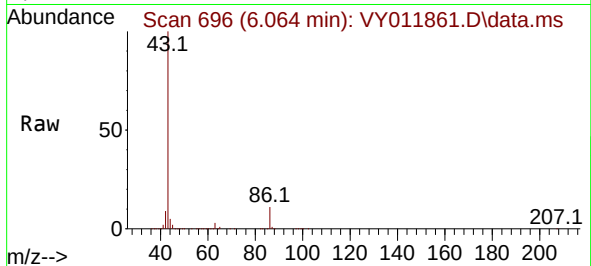
#23
 Vinyl Acetate
 Concen: 250.989 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY011861.D
 Acq: 15 Dec 2022 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 84216
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.4

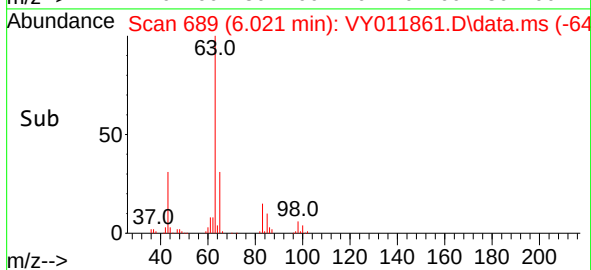
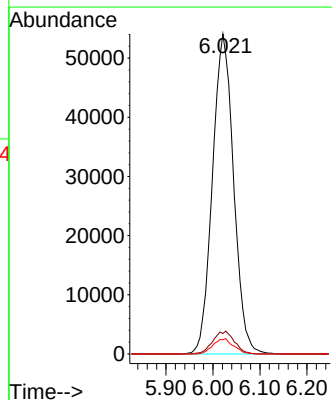
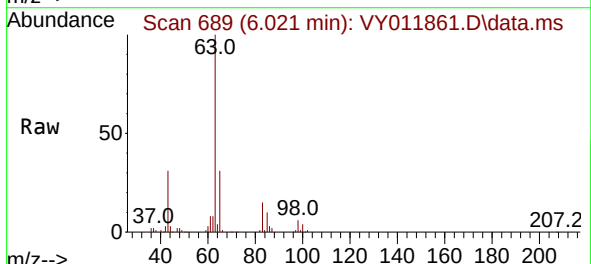
Manual Integrations
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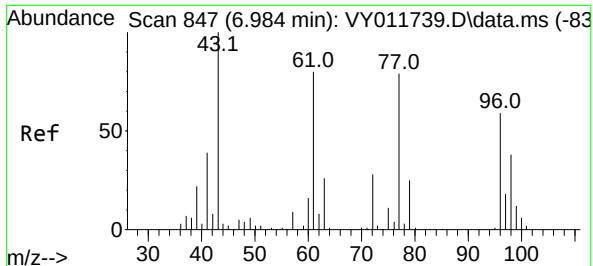
Reviewed By :Krupa Patel 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#24
 1,1-Dichloroethane
 Concen: 47.324 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY011861.D
 Acq: 15 Dec 2022 10:31

Tgt Ion: 63 Resp: 169139
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 233.939 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 18018

Ion Ratio Lower Upper

43 100

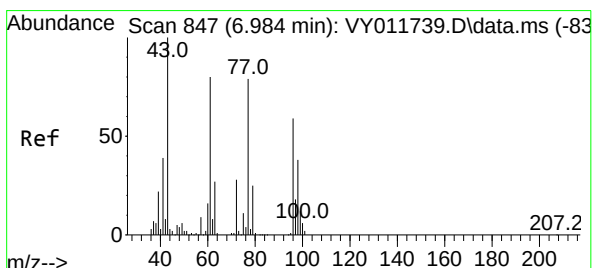
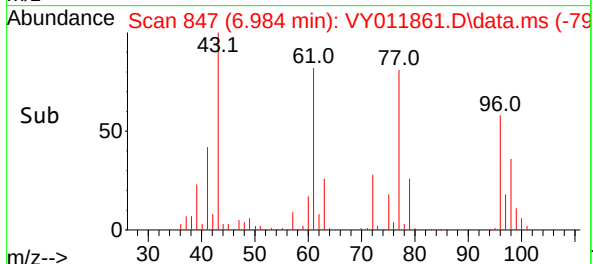
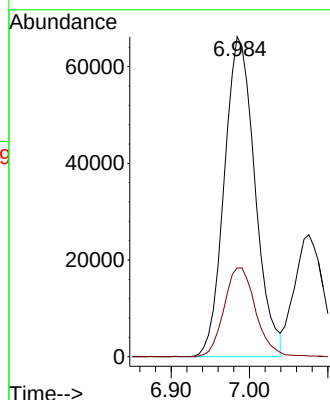
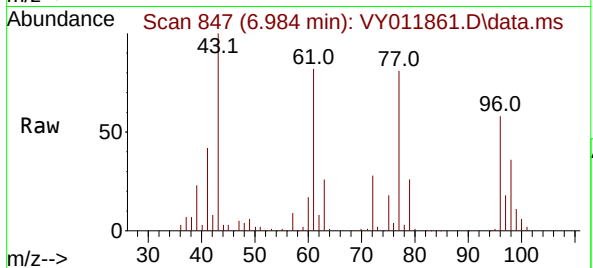
72 27.7 22.6 34.0

Manual Integrations

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Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#26

2,2-Dichloropropane

Concen: 47.302 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011861.D

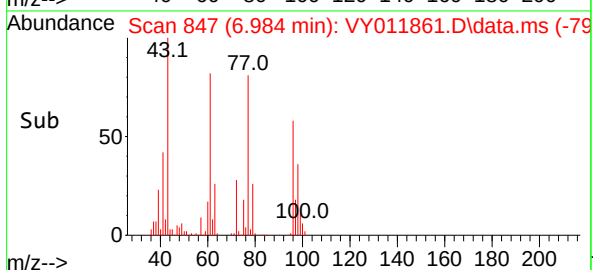
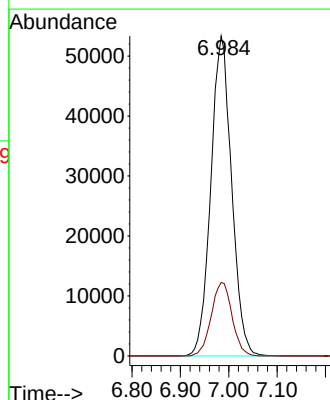
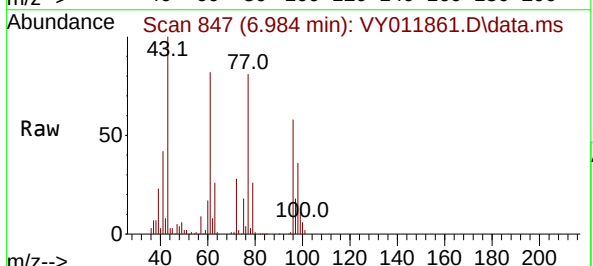
Acq: 15 Dec 2022 10:31

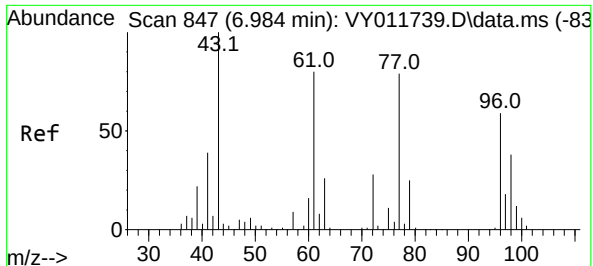
Tgt Ion: 77 Resp: 159056

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.581 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 106072

Ion Ratio Lower Upper

96 100

61 144.0 0.0 283.4

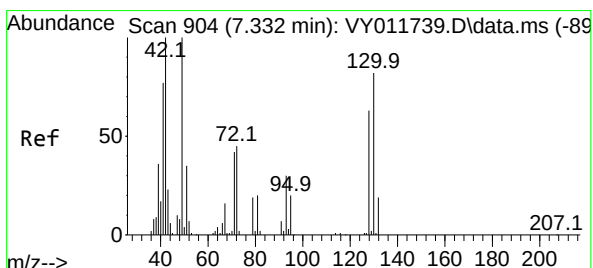
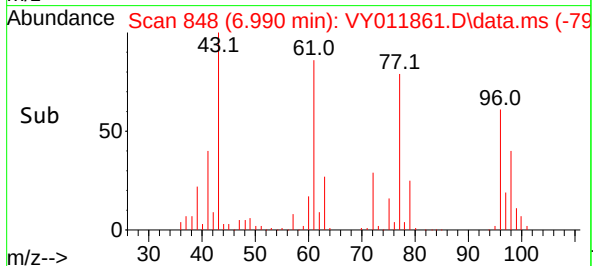
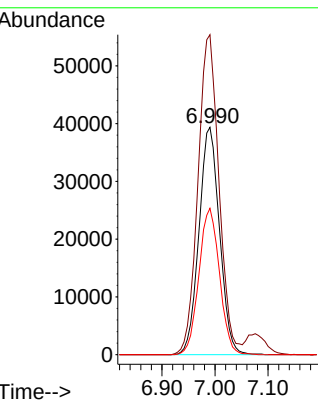
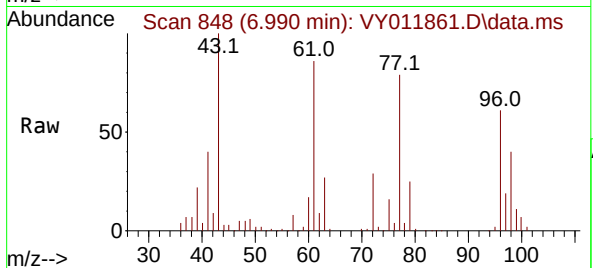
98 64.4 0.0 127.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#28

Bromochloromethane

Concen: 51.091 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

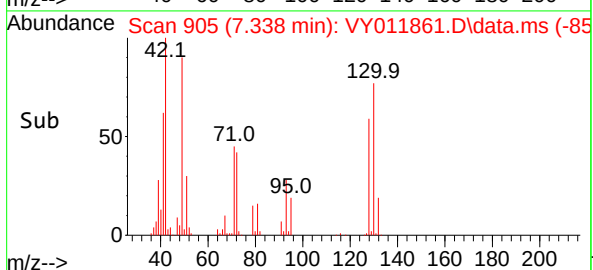
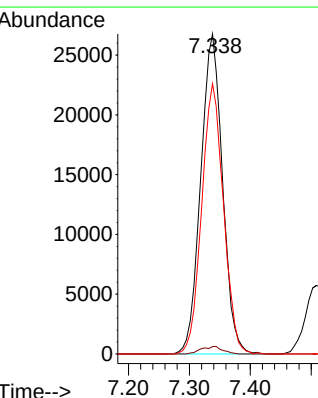
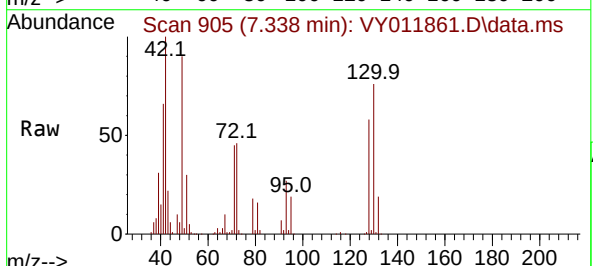
Tgt Ion: 49 Resp: 66478

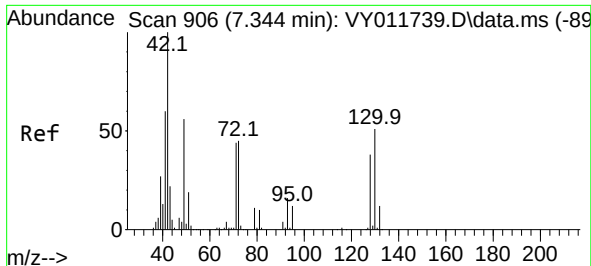
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 84.2 66.7 100.1





#29

Tetrahydrofuran

Concen: 228.699 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

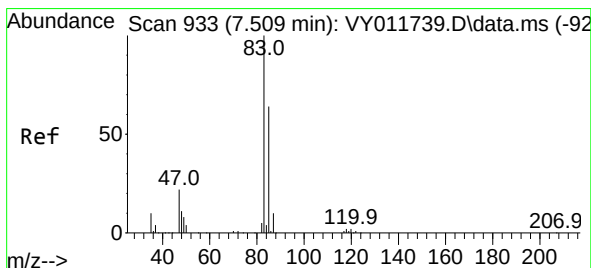
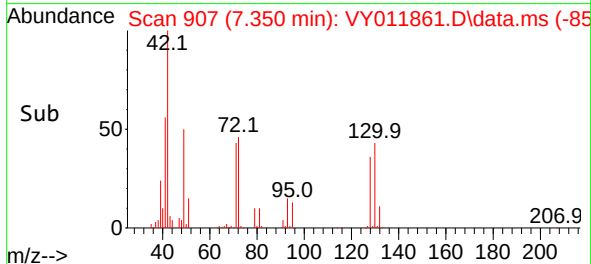
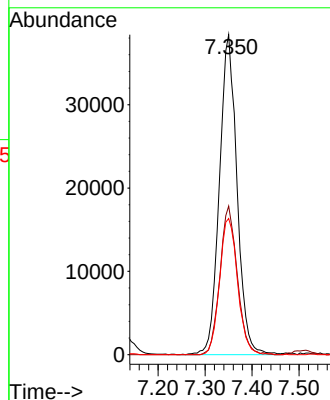
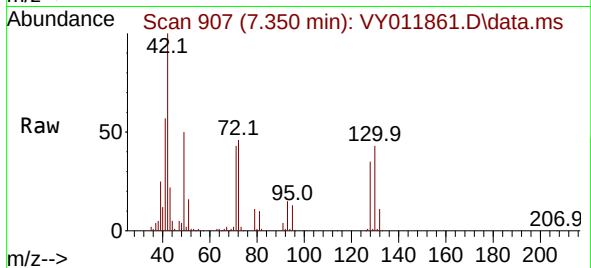
Tgt Ion:	42	Resp:	10025
Ion Ratio	Lower	Upper	
42	100		
72	45.9	37.0	55.6
71	43.5	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#30

Chloroform

Concen: 48.777 ug/l

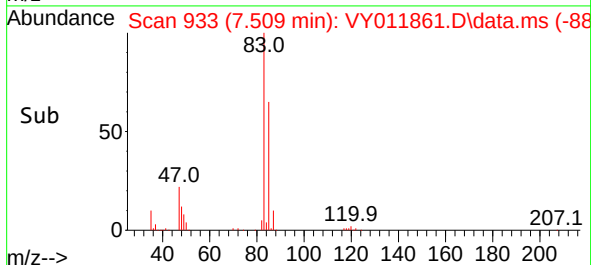
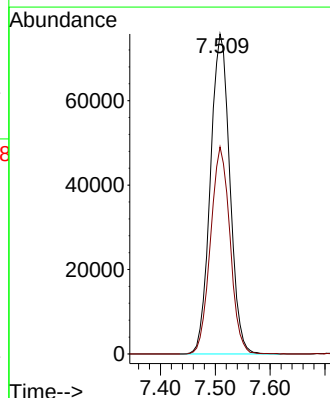
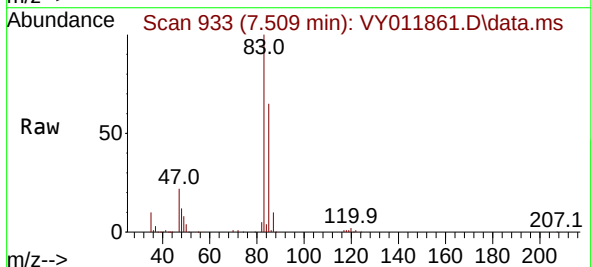
RT: 7.509 min Scan# 933

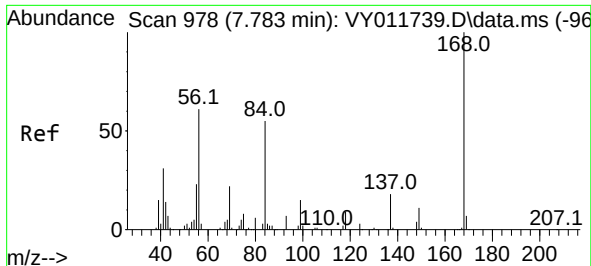
Delta R.T. 0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

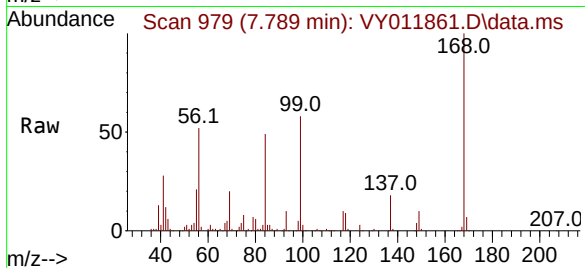
Tgt Ion:	83	Resp:	186373
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.5	77.3





#31
Cyclohexane
Concen: 47.100 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

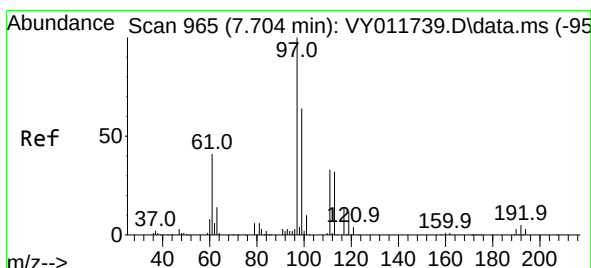
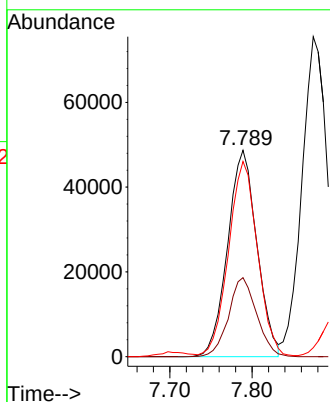
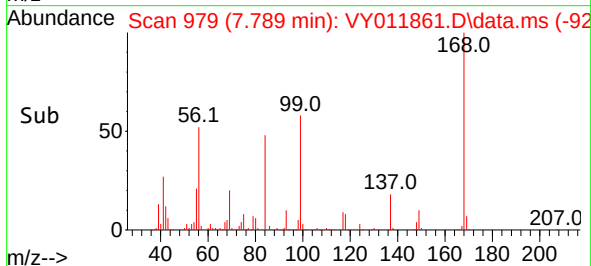
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



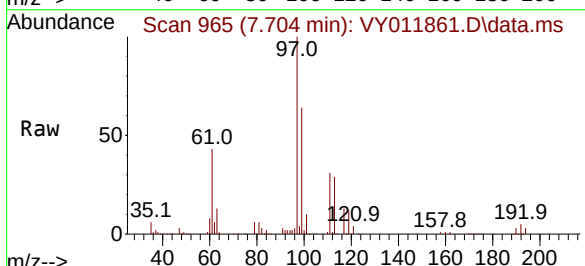
Tgt Ion: 56 Resp: 120745
Ion Ratio Lower Upper
56 100
69 38.3 29.2 43.8
84 92.5 72.6 108.8

Manual Integrations
APPROVED

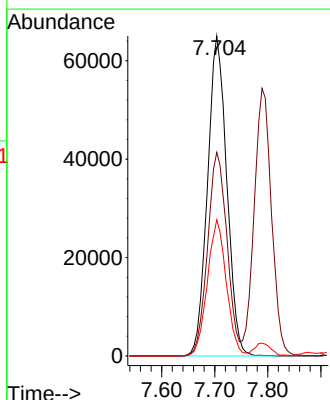
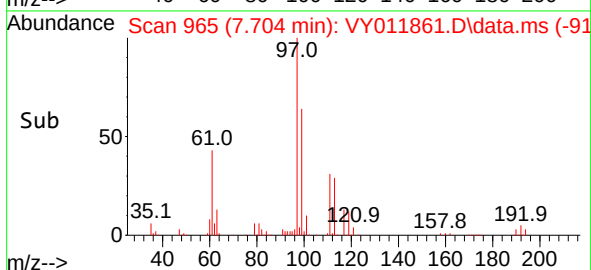
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

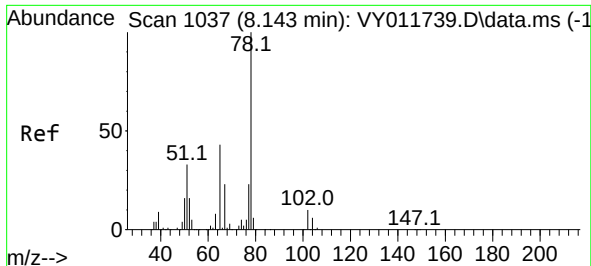


#32
1,1,1-Trichloroethane
Concen: 48.163 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31



Tgt Ion: 97 Resp: 164121
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 41.9 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 46.988 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 70744

Ion Ratio Lower Upper

65 100

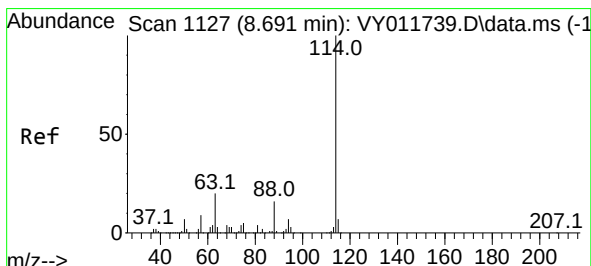
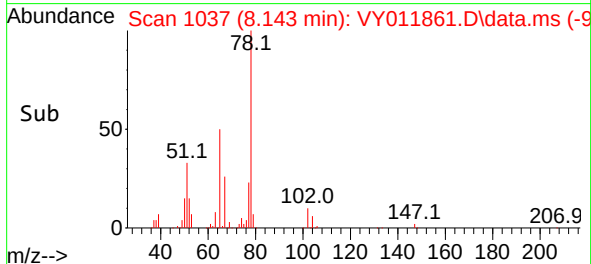
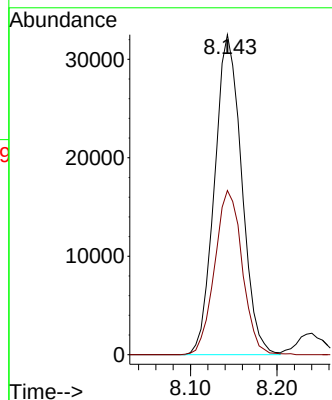
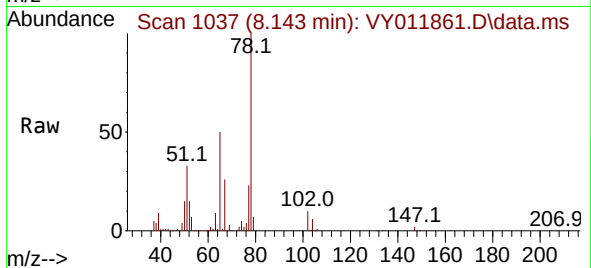
67 52.2 0.0 103.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

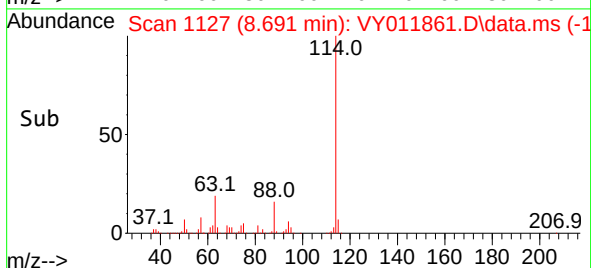
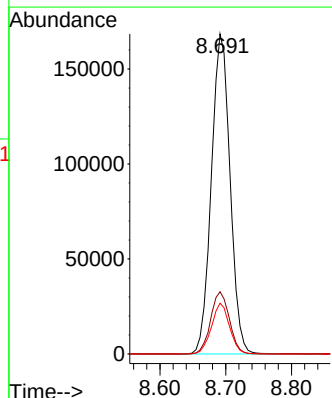
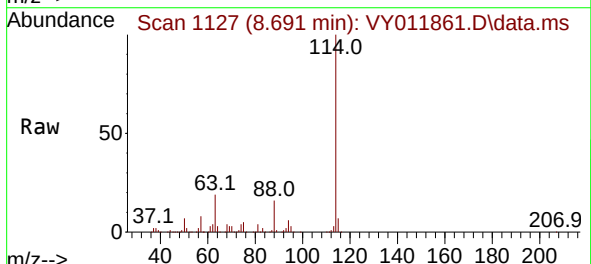
Tgt Ion:114 Resp: 333217

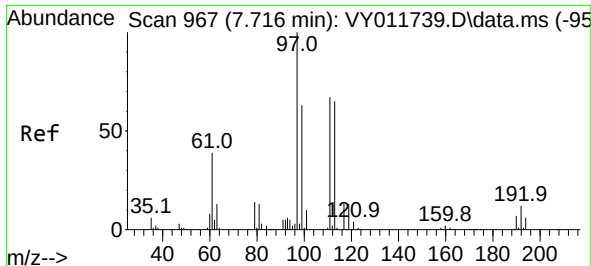
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.713 ug/l

RT: 7.722 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

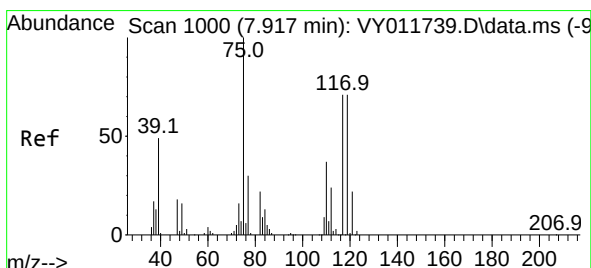
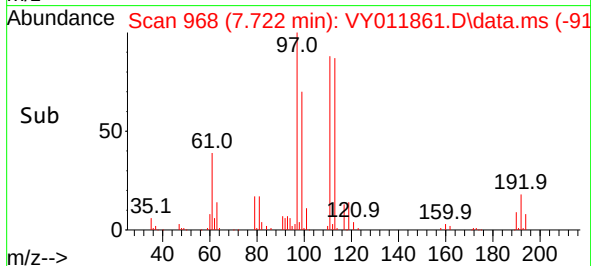
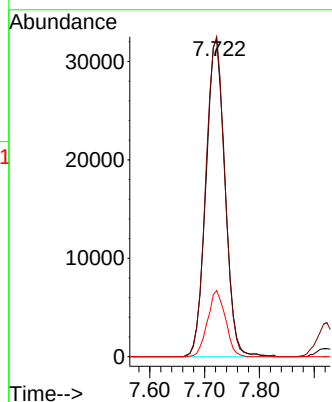
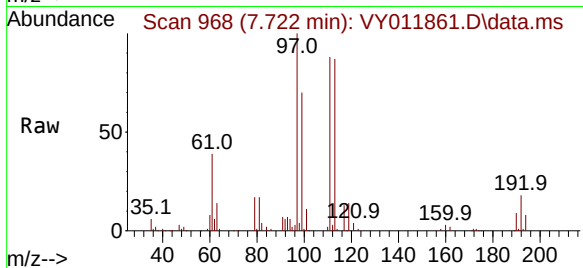
Tgt Ion:	113	Resp:	7772
Ion Ratio	Lower	Upper	
113	100		
111	100.9	83.0	124.4
192	19.6	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#36

1,1-Dichloropropene

Concen: 48.283 ug/l

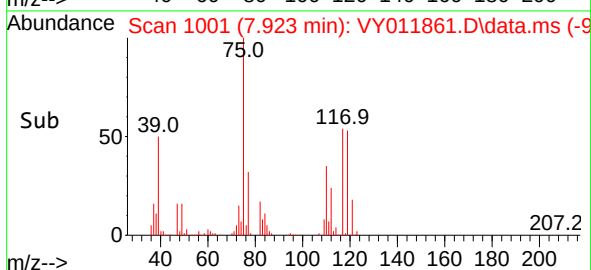
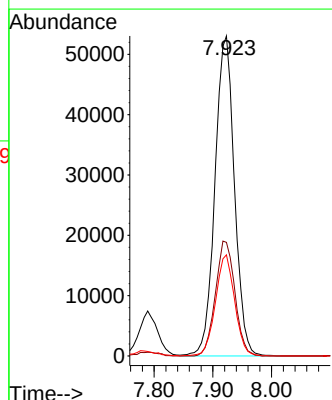
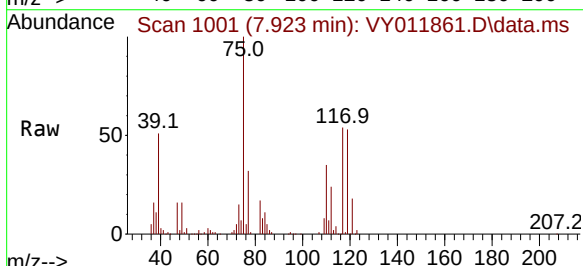
RT: 7.923 min Scan# 1001

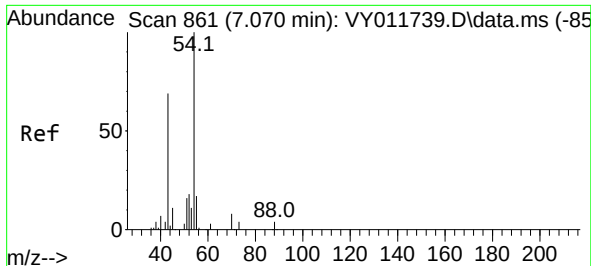
Delta R.T. 0.006 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Tgt Ion:	75	Resp:	122089
Ion Ratio	Lower	Upper	
75	100		
110	35.9	18.1	54.1
77	31.1	25.1	37.7





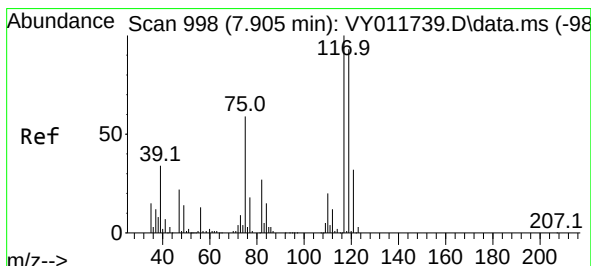
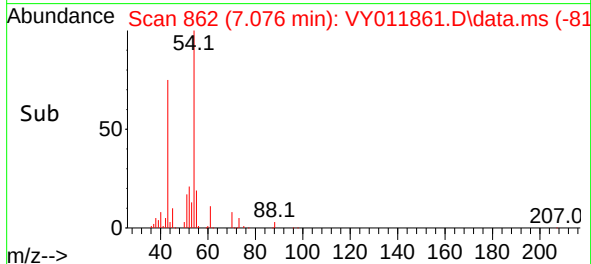
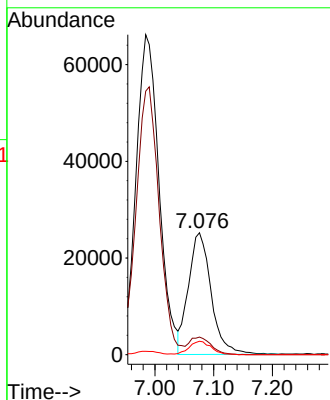
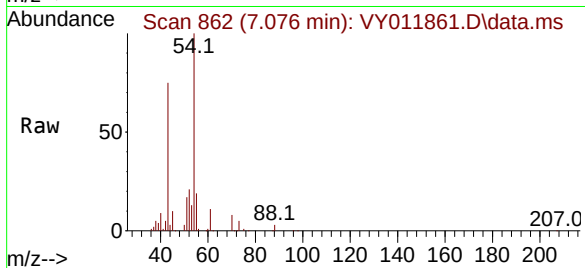
#37
Ethyl Acetate
Concen: 45.696 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 6755
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 10.6 8.2 12.4

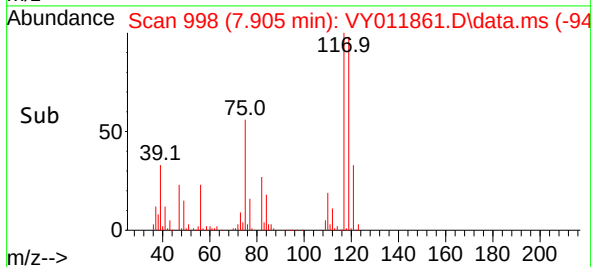
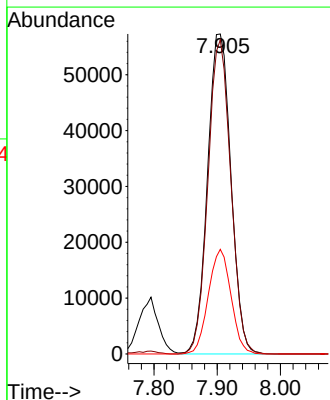
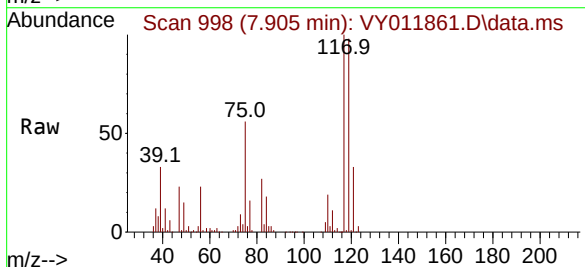
Manual Integrations
APPROVED

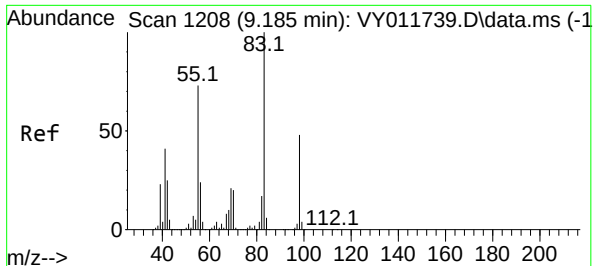
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#38
Carbon Tetrachloride
Concen: 49.579 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Tgt Ion:117 Resp: 147260
Ion Ratio Lower Upper
117 100
119 98.1 73.8 110.8
121 32.7 25.2 37.8





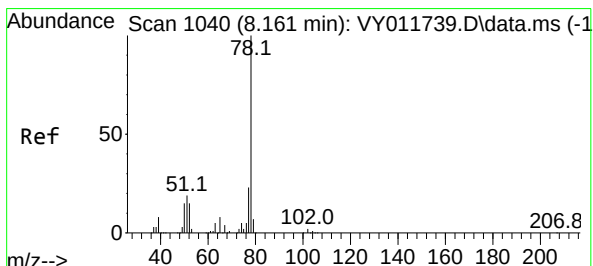
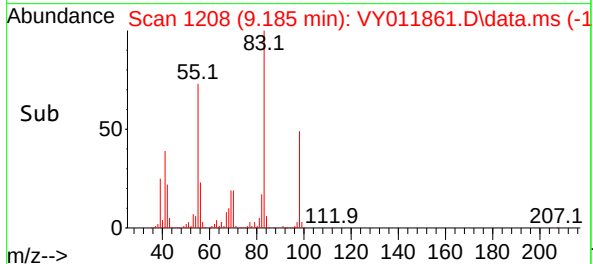
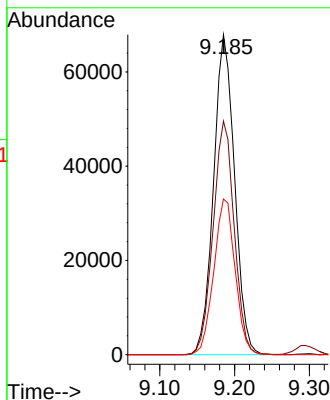
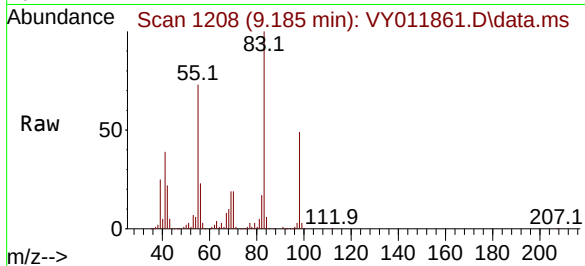
#39
Methylcyclohexane
Concen: 46.681 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13281
Ion Ratio Lower Upper
83 100
55 73.0 58.2 87.2
98 48.7 38.6 58.0

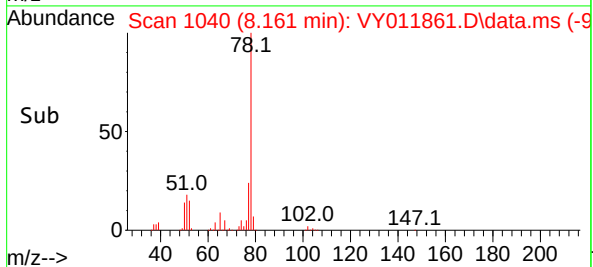
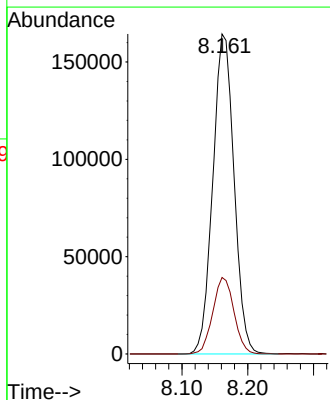
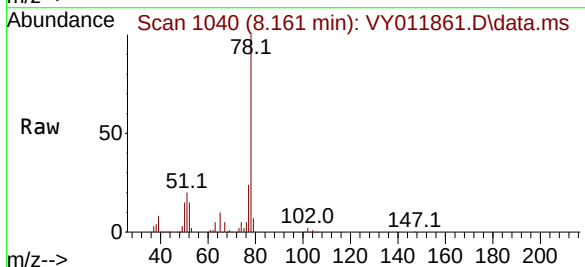
Manual Integrations
APPROVED

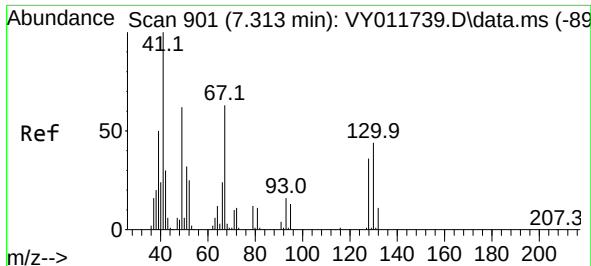
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#40
Benzene
Concen: 48.885 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Tgt Ion: 78 Resp: 369280
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





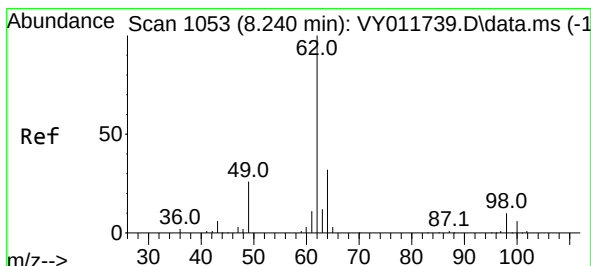
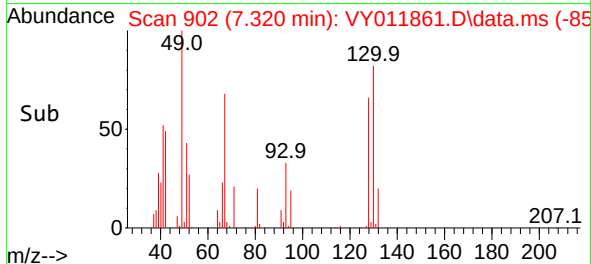
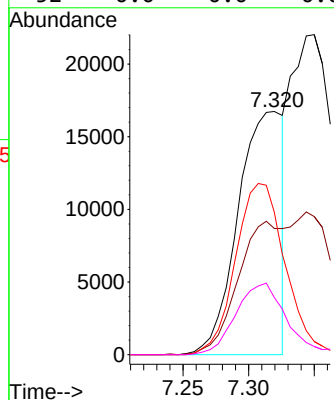
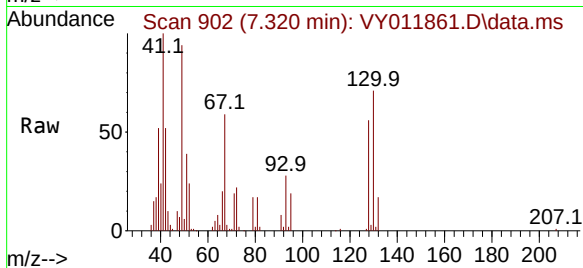
#41
Methacrylonitrile
Concen: 53.857 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 40192
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

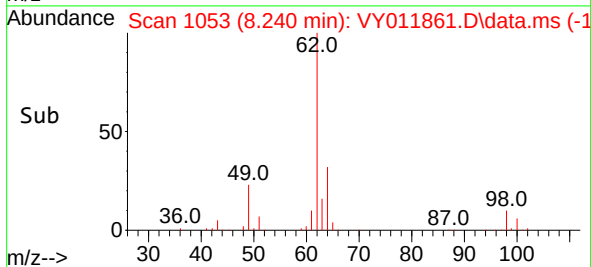
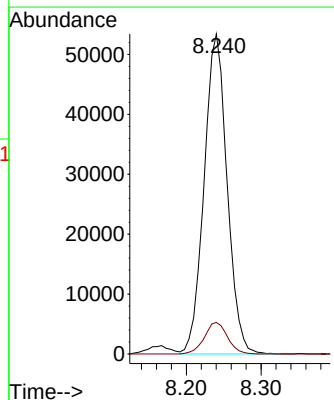
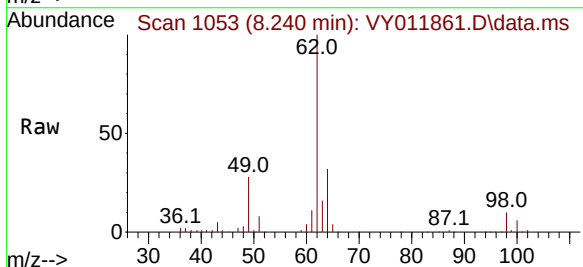
Manual Integrations
APPROVED

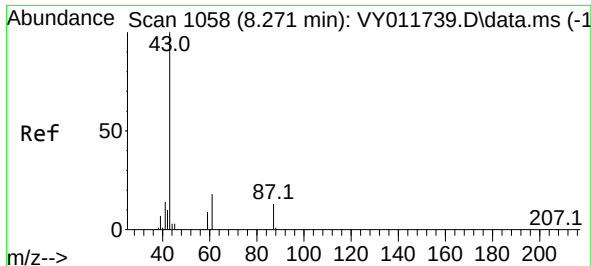
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#42
1,2-Dichloroethane
Concen: 48.823 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

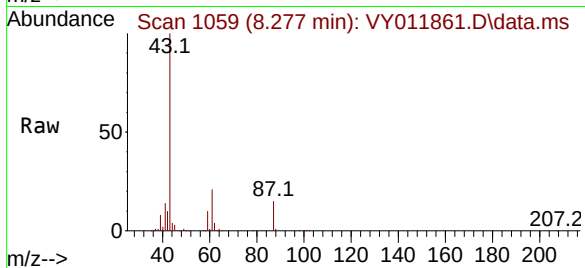
Tgt Ion: 62 Resp: 114050
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.6





#43
Isopropyl Acetate
Concen: 46.609 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

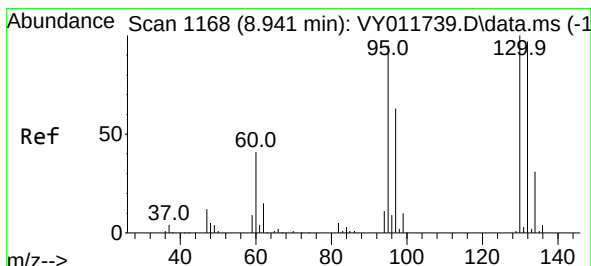
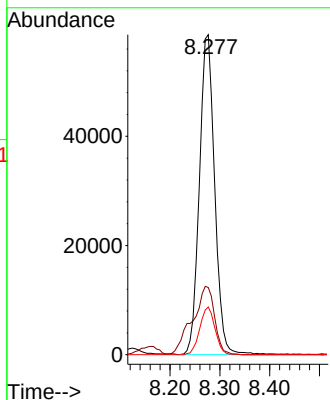
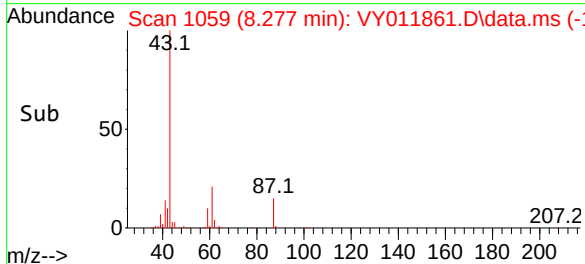
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 124939
Ion Ratio Lower Upper
43 100
61 30.7 24.4 36.6
87 14.8 11.4 17.2

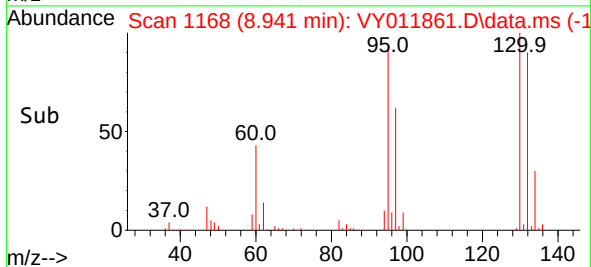
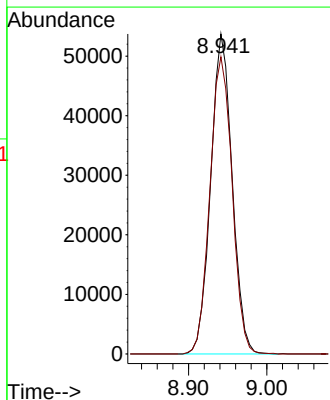
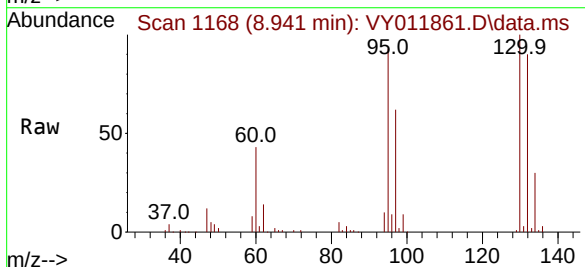
Manual Integrations
APPROVED

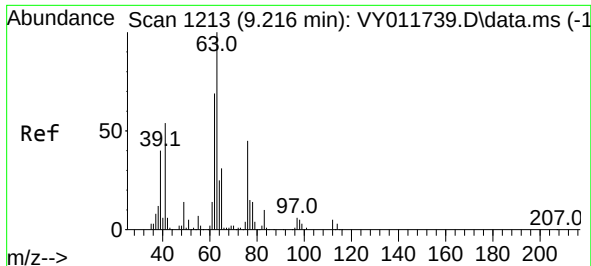
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#44
Trichloroethene
Concen: 48.340 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Tgt Ion:130 Resp: 102270
Ion Ratio Lower Upper
130 100
95 92.9 0.0 190.6





#45

1,2-Dichloropropane

Concen: 49.086 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9596

Ion Ratio Lower Upper

63 100

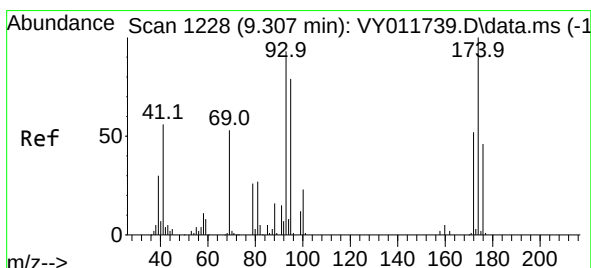
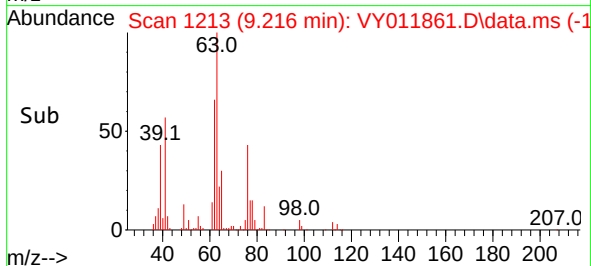
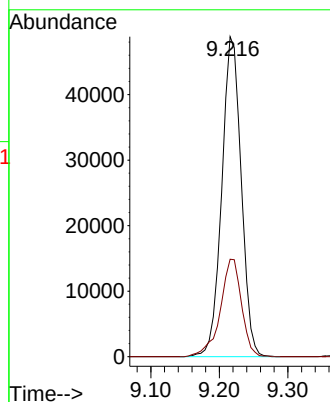
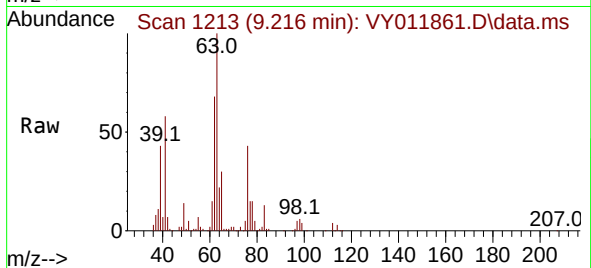
65 30.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#46

Dibromomethane

Concen: 48.496 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

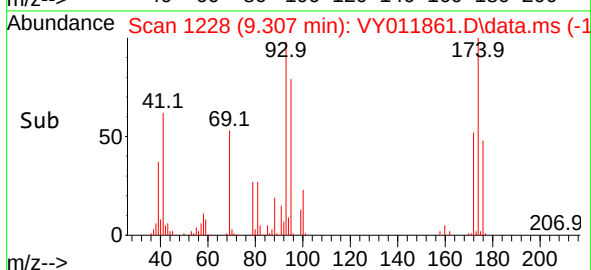
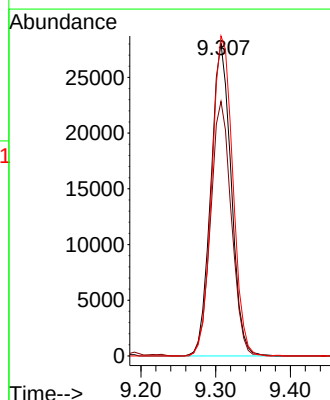
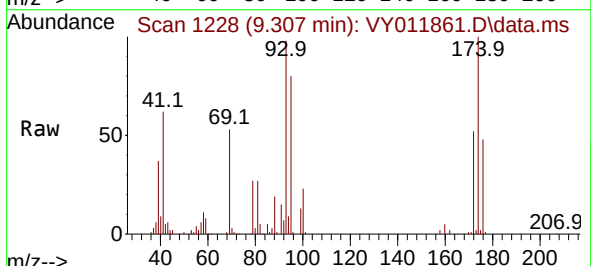
Tgt Ion: 93 Resp: 53075

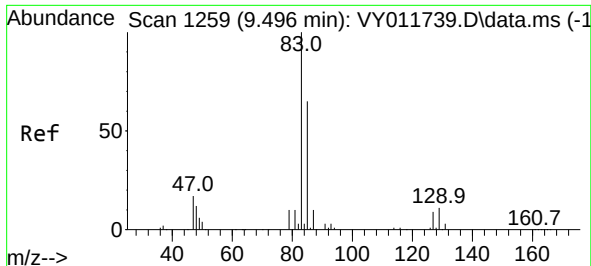
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 105.3 84.7 127.1





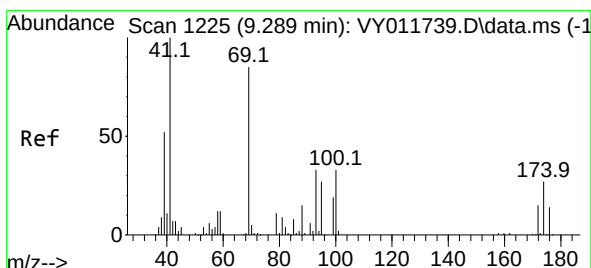
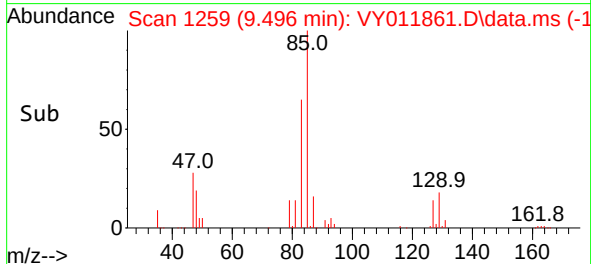
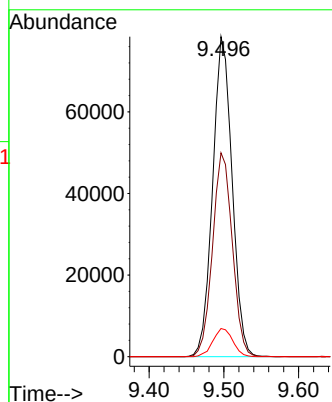
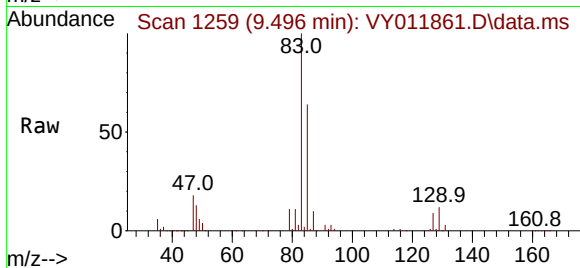
#47
Bromodichloromethane
Concen: 50.268 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 142128
Ion Ratio Lower Upper
83 100
85 63.7 52.0 78.0
127 8.8 7.3 10.9

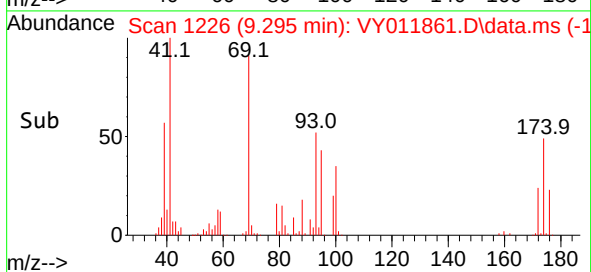
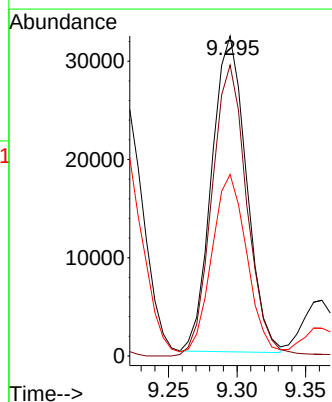
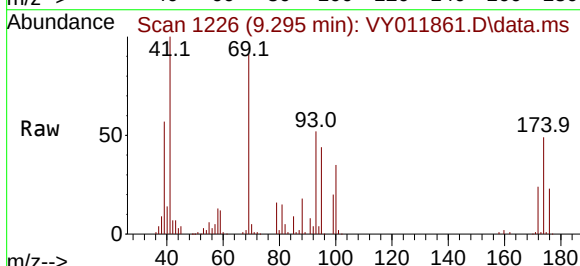
Manual Integrations
APPROVED

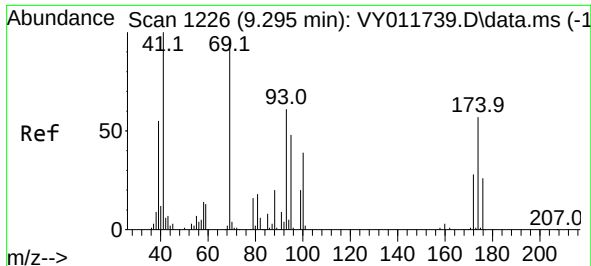
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#48
Methyl methacrylate
Concen: 47.915 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Tgt Ion: 41 Resp: 56617
Ion Ratio Lower Upper
41 100
69 93.5 74.2 111.2
39 58.8 46.3 69.5





#49

1,4-Dioxane

Concen: 948.255 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

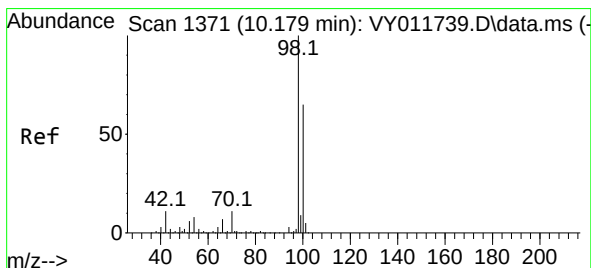
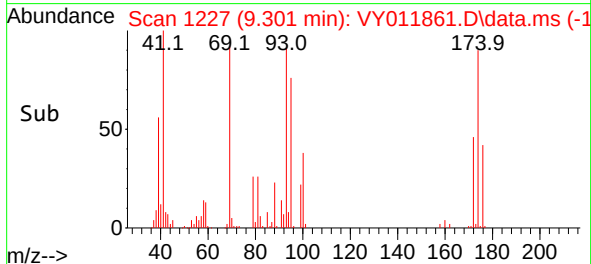
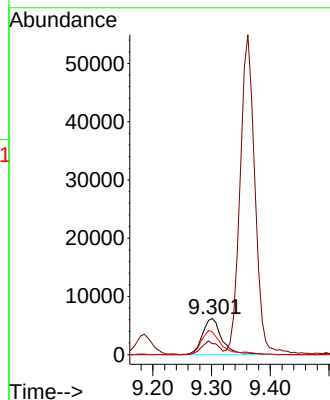
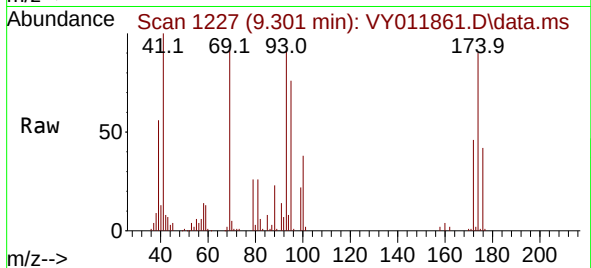
Tgt Ion:	88	Resp:	1437
Ion	Ratio	Lower	Upper
88	100		
43	31.4	26.2	39.2
58	64.6	54.3	81.5

Manual Integrations

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Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#50

Toluene-d8

Concen: 49.152 ug/l

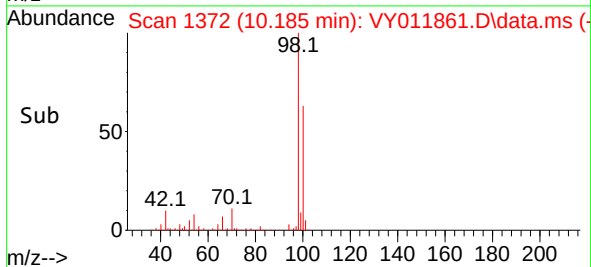
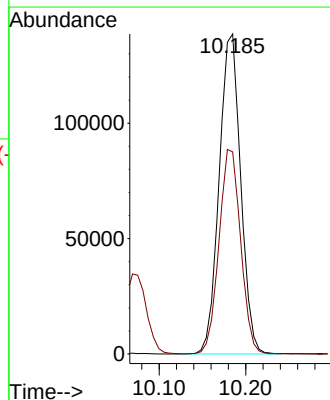
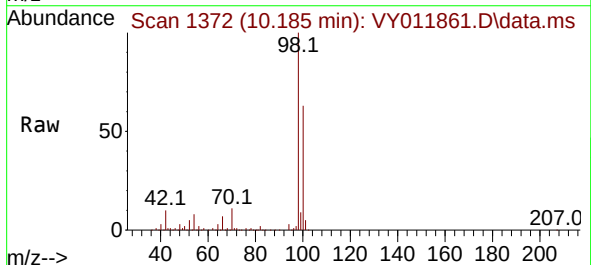
RT: 10.185 min Scan# 1372

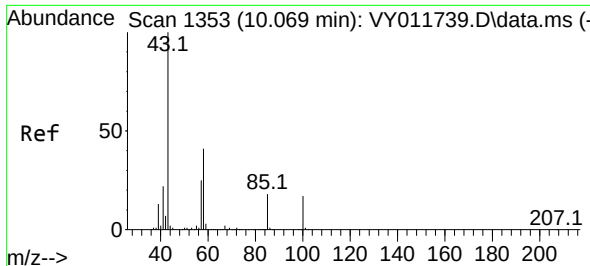
Delta R.T. 0.006 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Tgt Ion:	98	Resp:	239125
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9





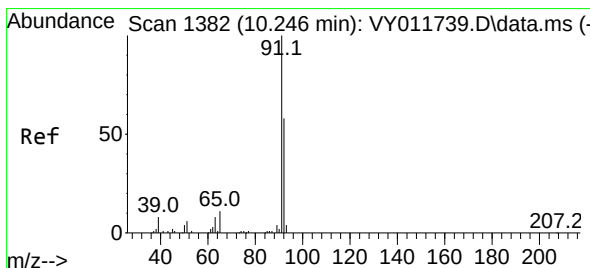
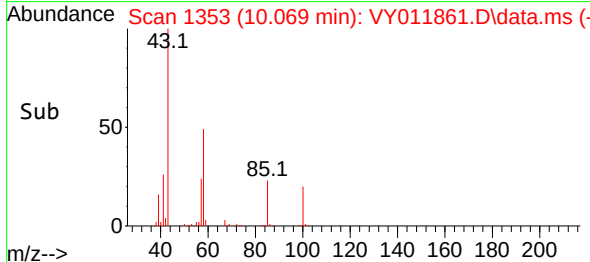
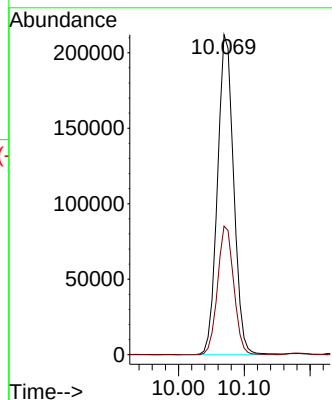
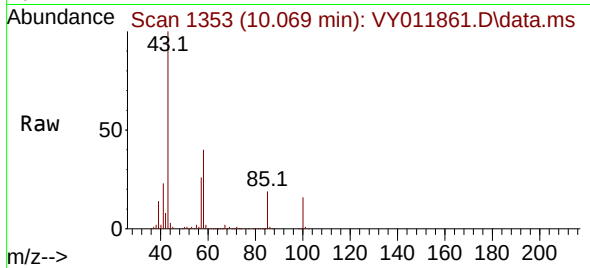
#51
4-Methyl-2-Pentanone
Concen: 245.577 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 362728
Ion Ratio Lower Upper
43 100
58 40.3 32.9 49.3

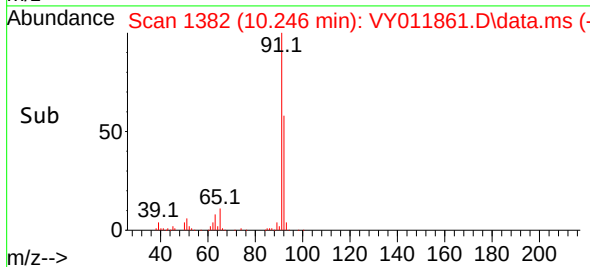
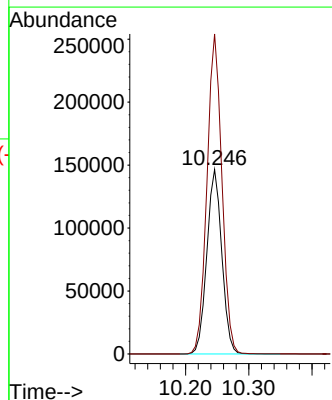
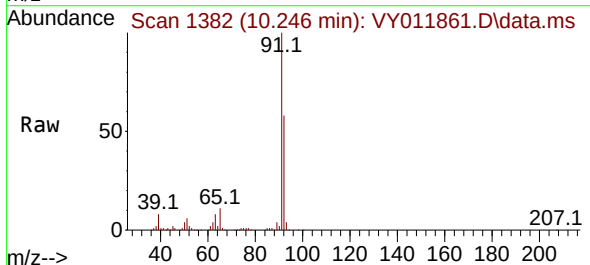
Manual Integrations
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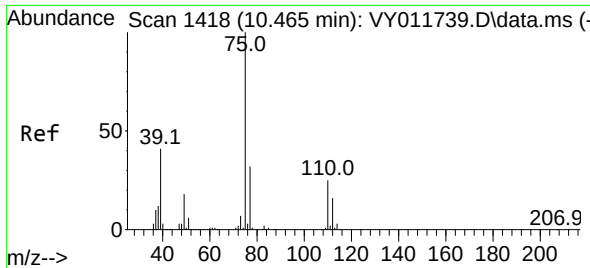
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#52
Toluene
Concen: 50.185 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

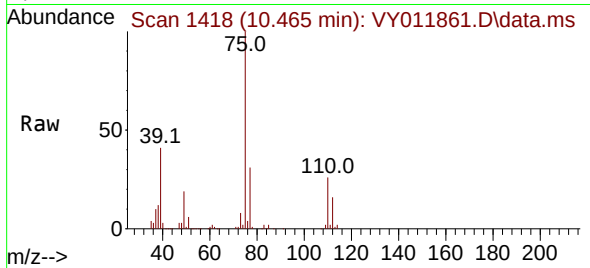
Tgt Ion: 92 Resp: 241003
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 49.230 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

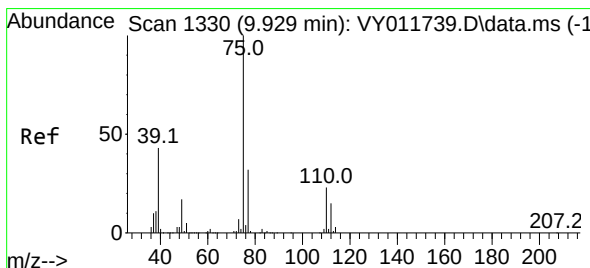
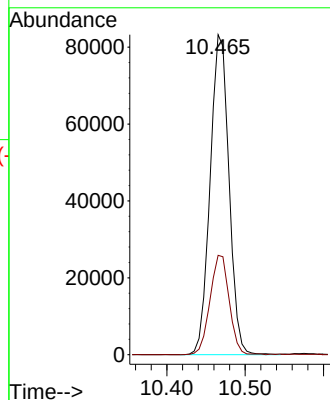
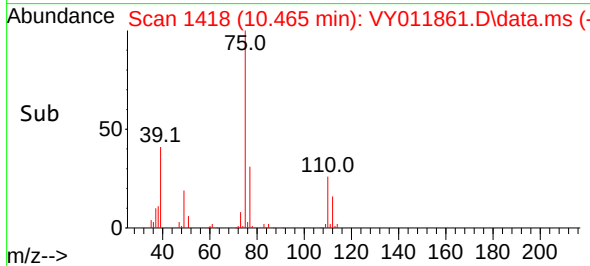
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 13903
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8

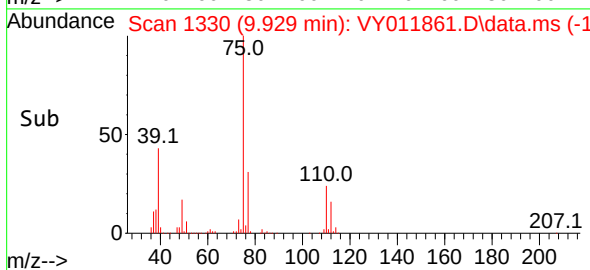
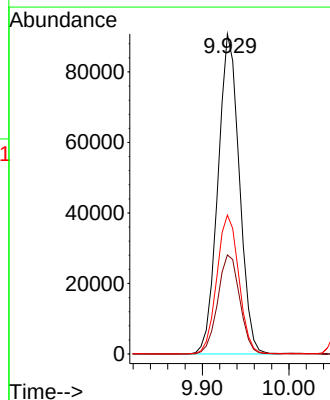
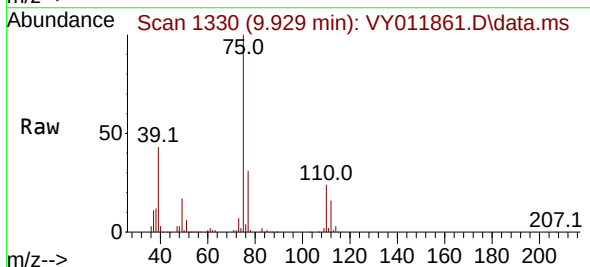
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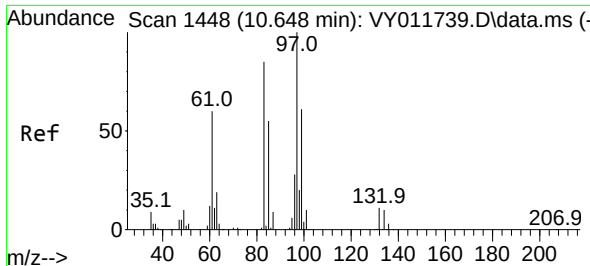
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#54
cis-1,3-Dichloropropene
Concen: 49.129 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

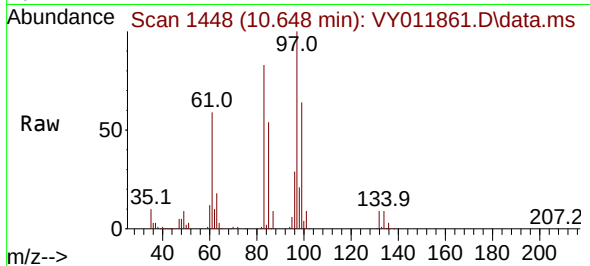
Tgt Ion: 75 Resp: 155891
Ion Ratio Lower Upper
75 100
77 30.9 25.9 38.9
39 43.3 34.6 52.0





#55
1,1,2-Trichloroethane
Concen: 50.522 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

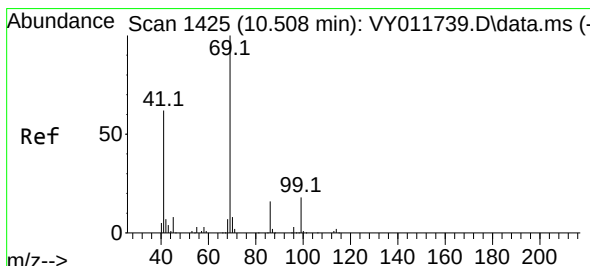
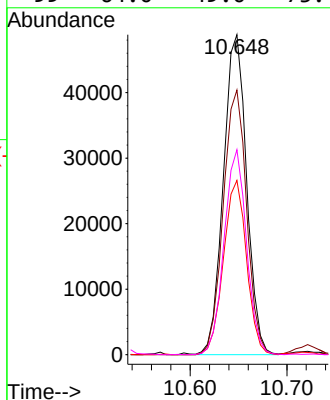
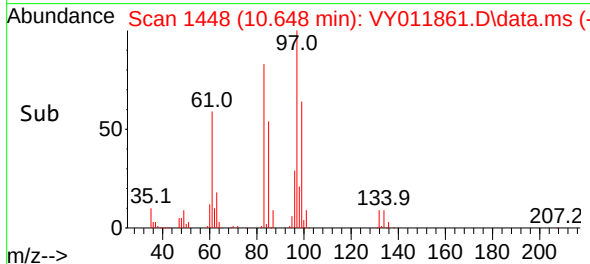
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



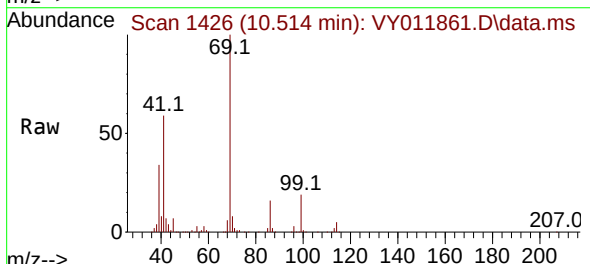
Tgt Ion: 97	Resp: 81724
Ion Ratio	Lower Upper
97 100	
83 82.7	67.7 101.5
85 54.4	43.8 65.8
99 64.0	49.0 73.4

Manual Integrations
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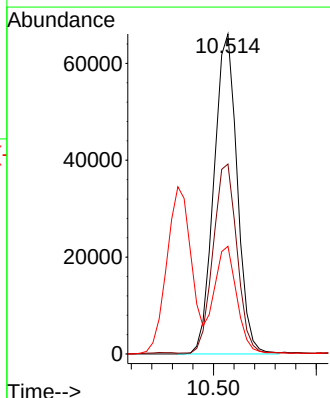
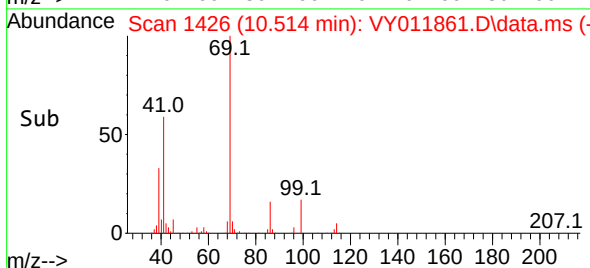
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

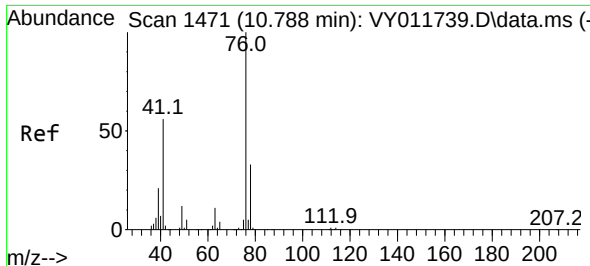


#56
Ethyl methacrylate
Concen: 49.702 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31



Tgt Ion: 69	Resp: 103785
Ion Ratio	Lower Upper
69 100	
41 61.1	48.9 73.3
39 32.7	25.9 38.9





#57

1,3-Dichloropropane

Concen: 49.307 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 132950

Ion Ratio Lower Upper

76 100

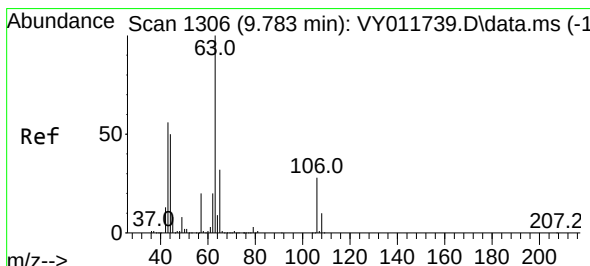
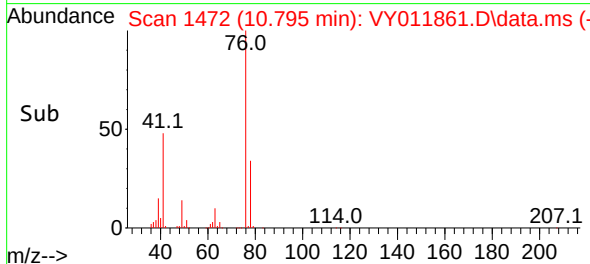
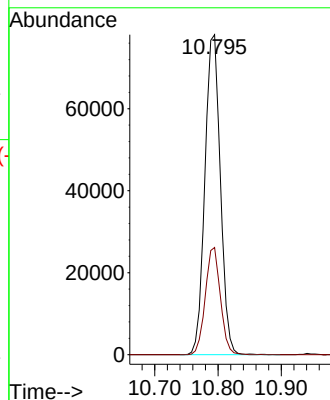
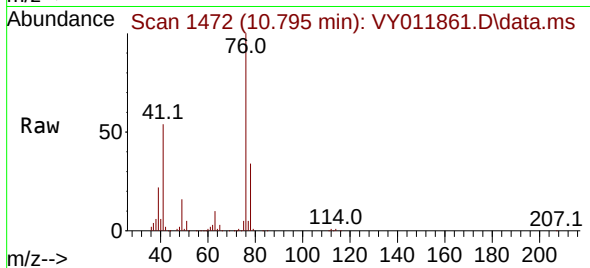
78 32.7 25.8 38.8

Manual Integrations

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Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 243.167 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY011861.D

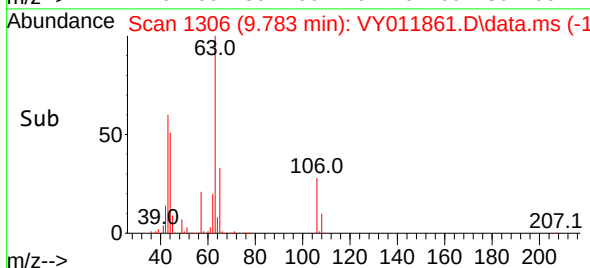
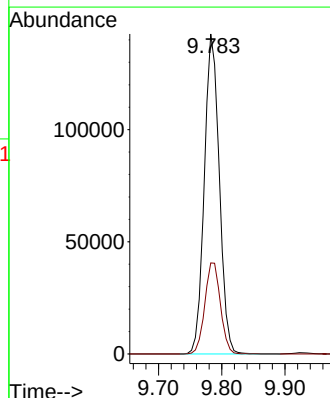
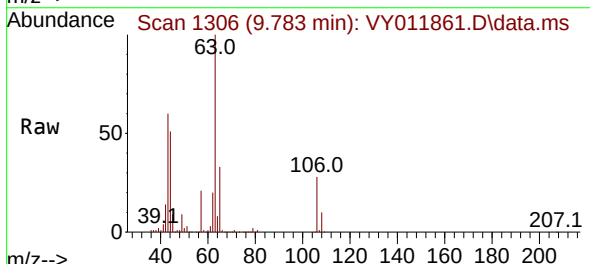
Acq: 15 Dec 2022 10:31

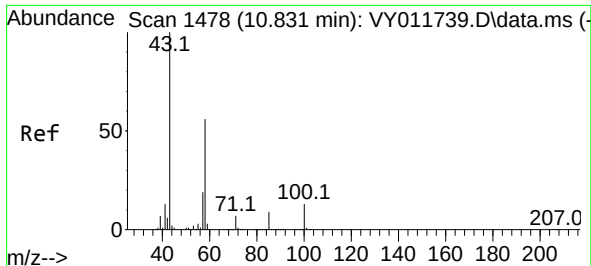
Tgt Ion: 63 Resp: 235451

Ion Ratio Lower Upper

63 100

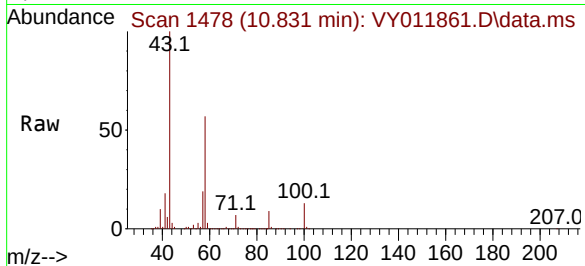
106 29.7 23.2 34.8





#59
2-Hexanone
Concen: 251.077 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

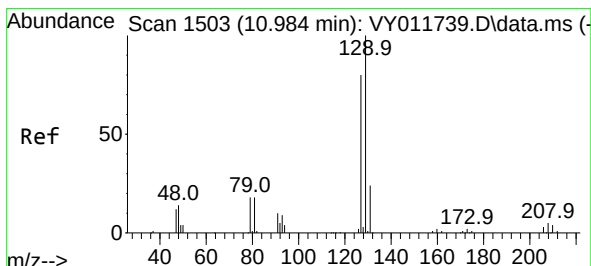
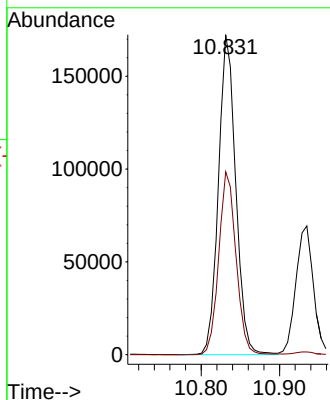
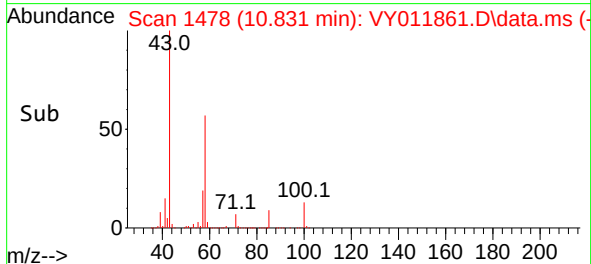
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



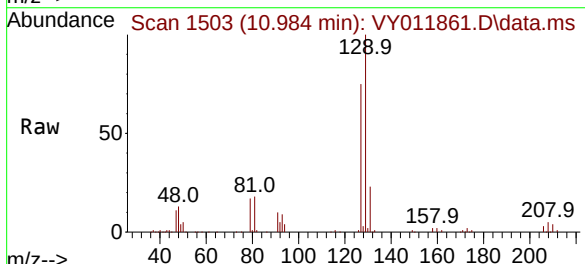
Tgt Ion: 43 Resp: 264968
Ion Ratio Lower Upper
43 100
58 57.2 28.4 85.2

Manual Integrations
APPROVED

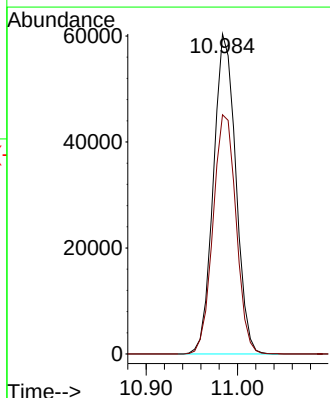
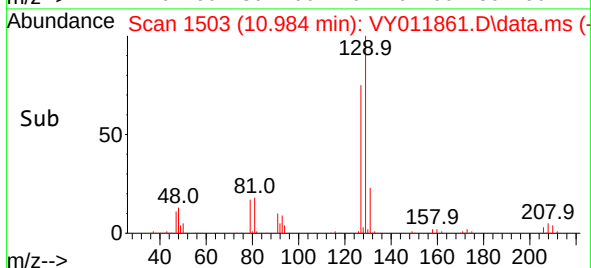
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

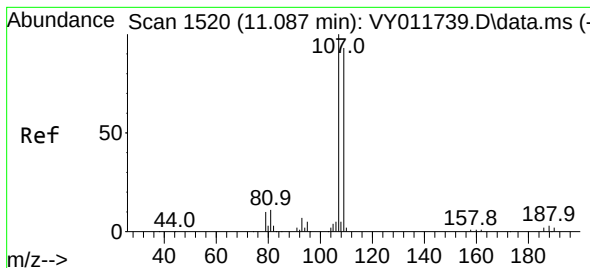


#60
Dibromochloromethane
Concen: 50.590 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31



Tgt Ion:129 Resp: 102496
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6





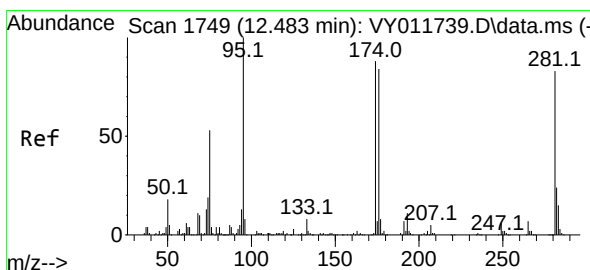
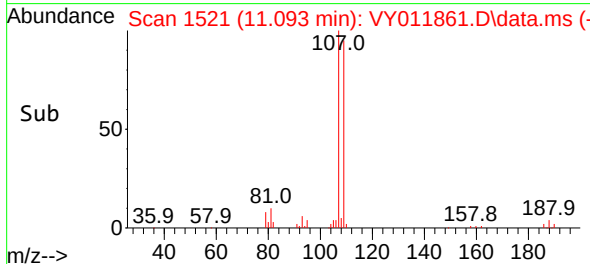
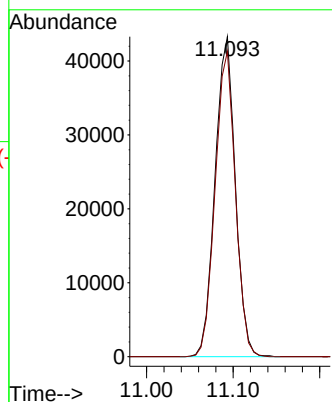
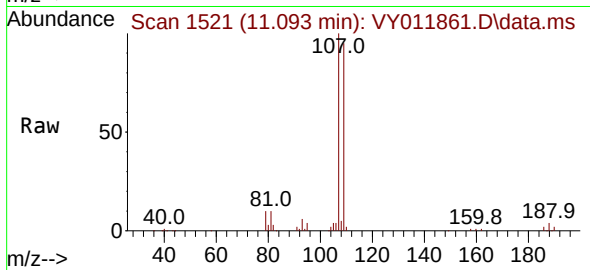
#61
1,2-Dibromoethane
Concen: 48.042 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 70402
Ion Ratio Lower Upper
107 100
109 95.2 75.8 113.6

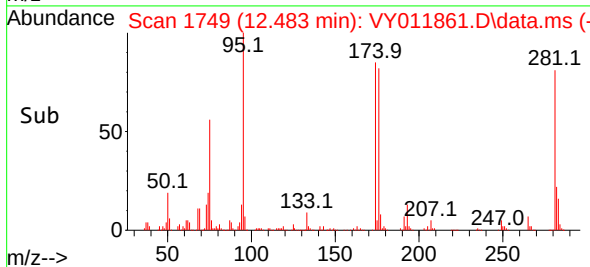
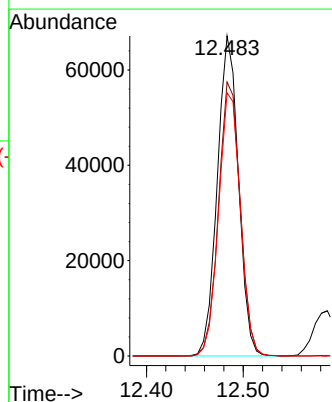
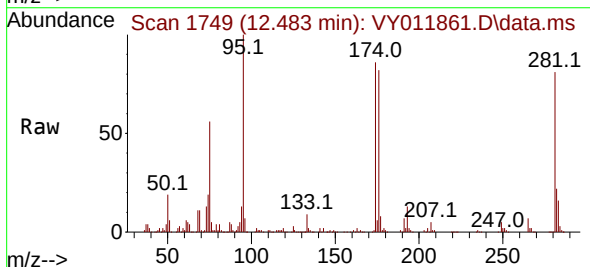
Manual Integrations
APPROVED

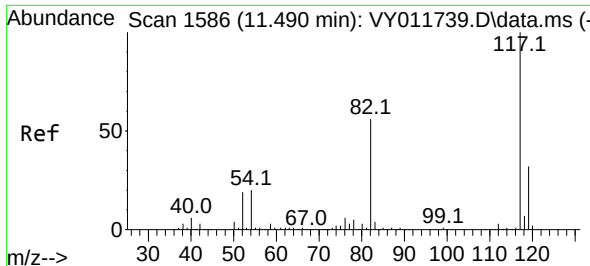
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#62
4-Bromofluorobenzene
Concen: 52.937 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

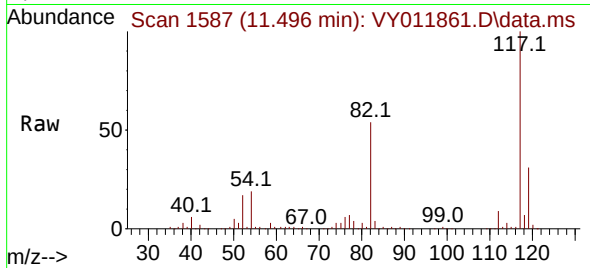
Tgt Ion: 95 Resp: 101751
Ion Ratio Lower Upper
95 100
174 87.6 0.0 172.0
176 84.8 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

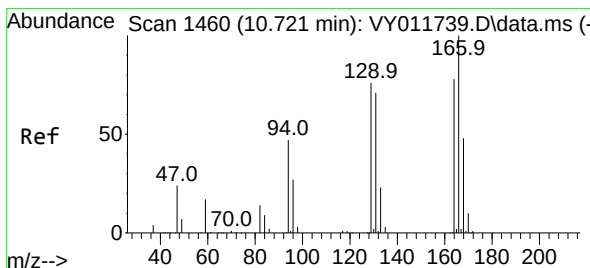
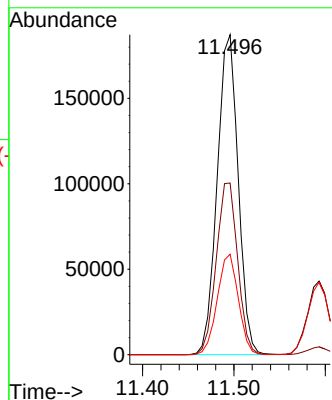
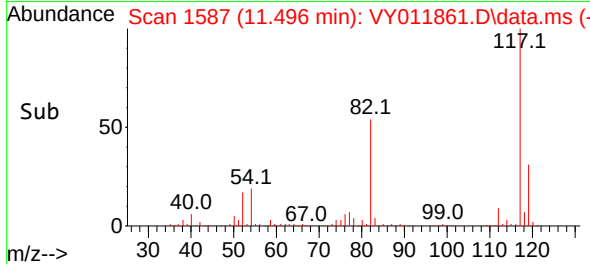
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 29916
Ion Ratio Lower Upper
117 100
82 53.6 44.8 67.2
119 31.4 25.4 38.2

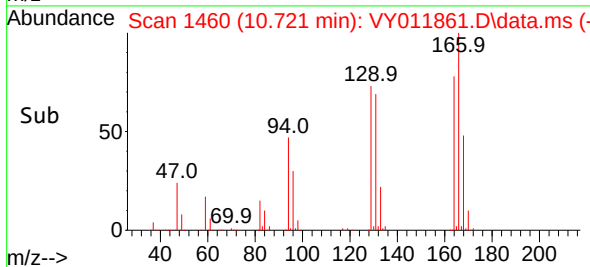
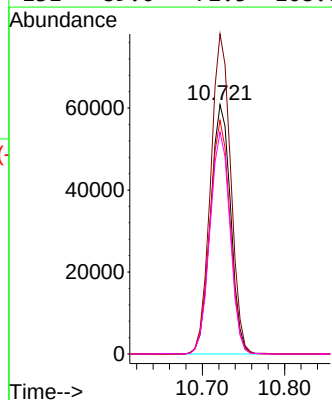
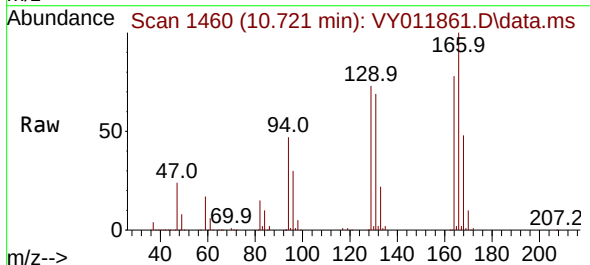
Manual Integrations
APPROVED

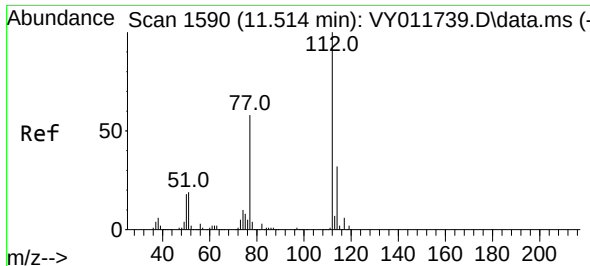
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#64
Tetrachloroethene
Concen: 48.997 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Tgt Ion:164 Resp: 103708
Ion Ratio Lower Upper
164 100
166 128.4 102.3 153.5
129 93.7 77.2 115.8
131 89.0 72.5 108.7





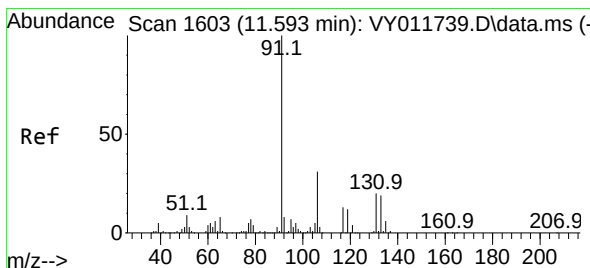
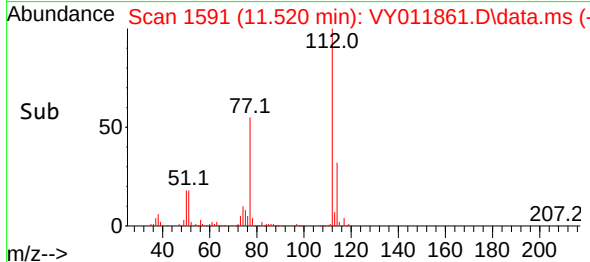
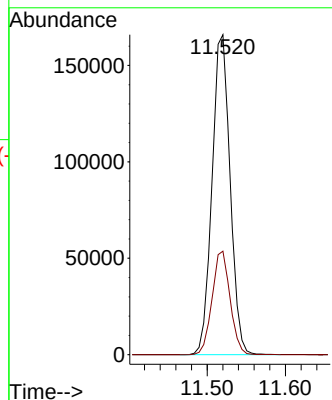
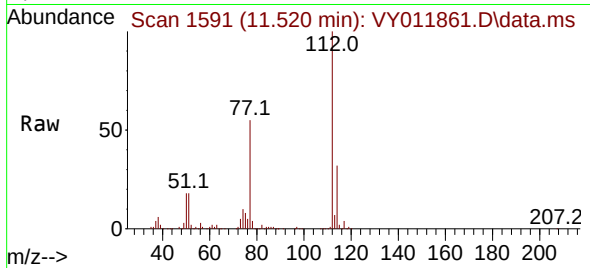
#65
Chlorobenzene
Concen: 49.263 ug/l
RT: 11.520 min Scan# 11590
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 265540
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

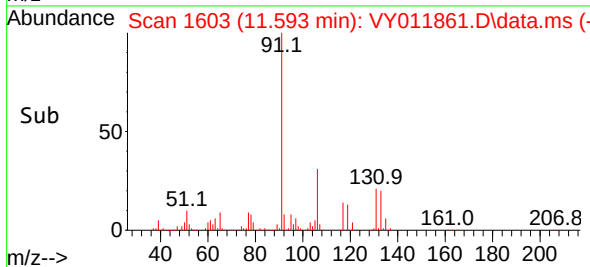
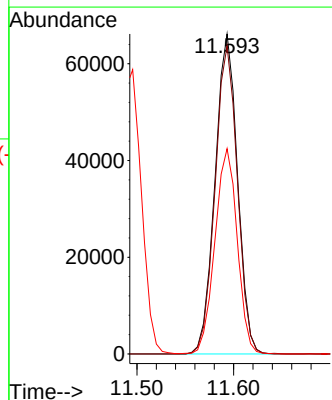
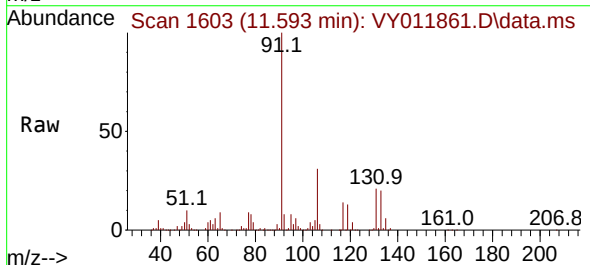
Manual Integrations
APPROVED

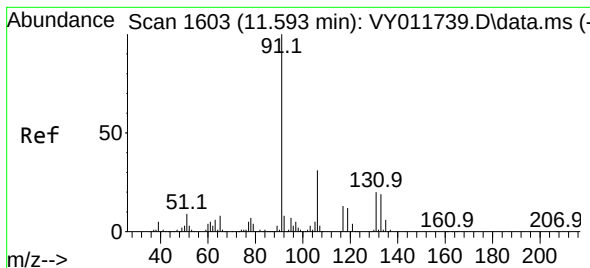
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.966 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

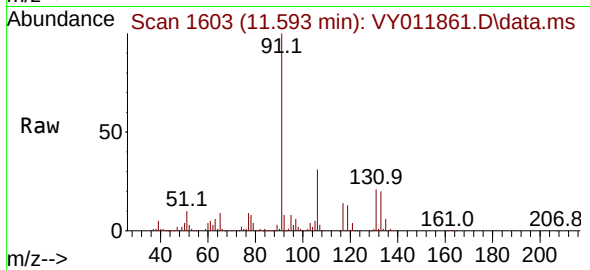
Tgt Ion:131 Resp: 106578
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 63.8 32.1 96.3





#67
Ethyl Benzene
Concen: 50.133 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

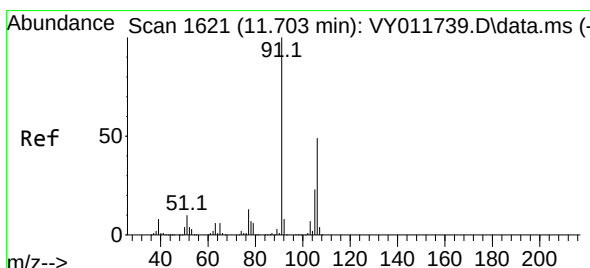
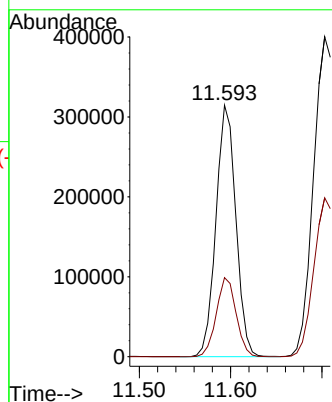
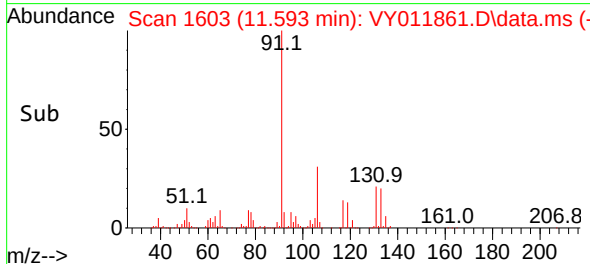
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



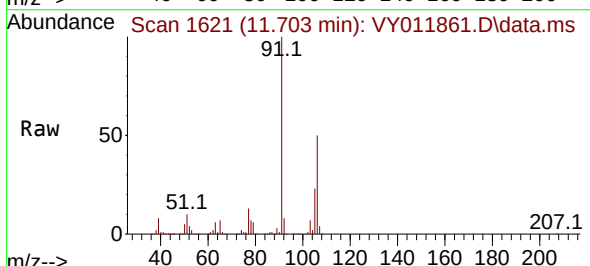
Tgt Ion: 91 Resp: 47616
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4

Manual Integrations
APPROVED

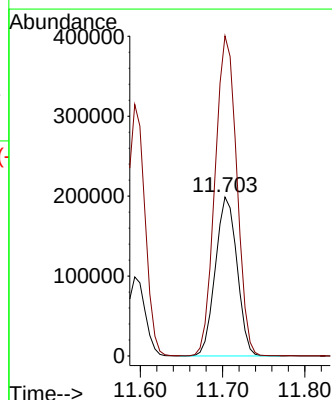
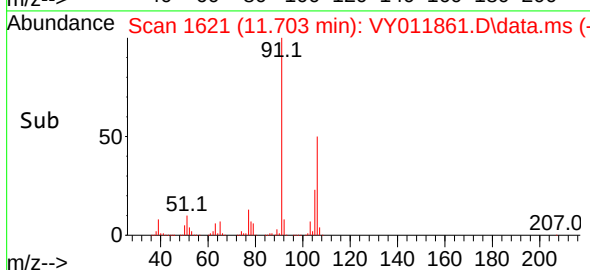
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

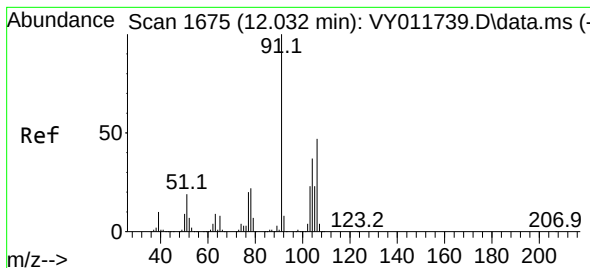


#68
m/p-Xylenes
Concen: 100.163 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31



Tgt Ion:106 Resp: 364332
Ion Ratio Lower Upper
106 100
91 202.2 162.5 243.7





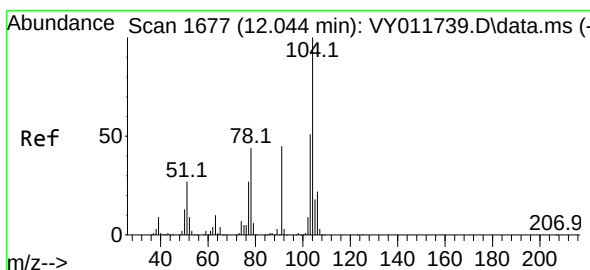
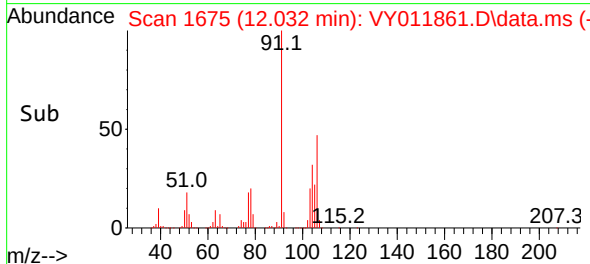
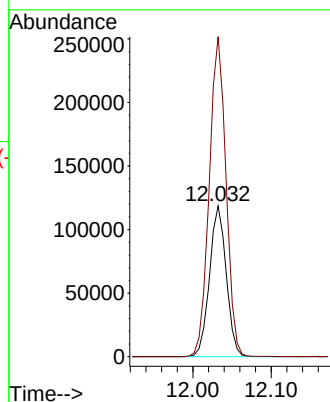
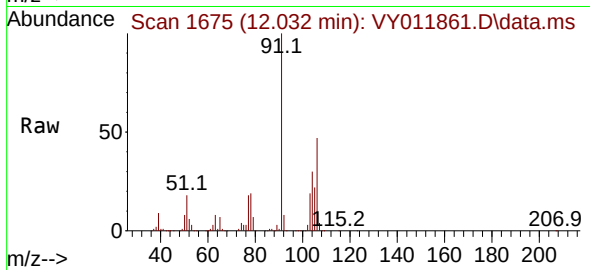
#69
o-Xylene
Concen: 50.599 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 175432
Ion Ratio Lower Upper
106 100
91 213.2 107.5 322.4

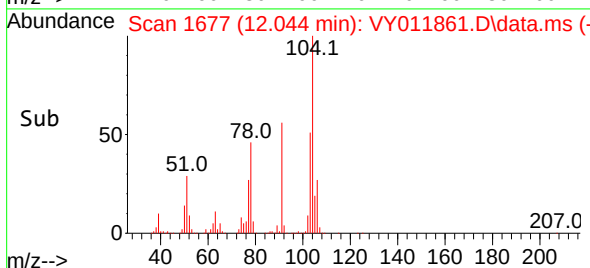
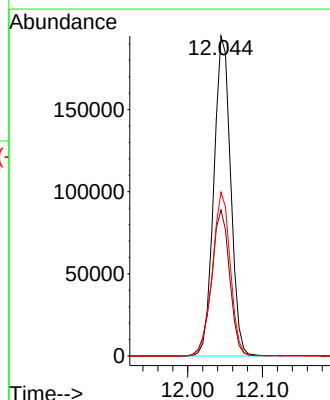
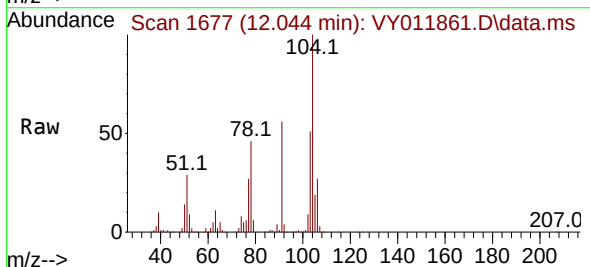
Manual Integrations
APPROVED

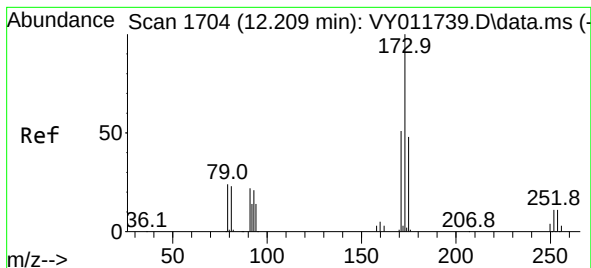
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#70
Styrene
Concen: 51.473 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Tgt Ion:104 Resp: 304589
Ion Ratio Lower Upper
104 100
78 49.2 39.4 59.0
103 54.6 43.0 64.4





#71

Bromoform

Concen: 49.980 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 6446

Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.5

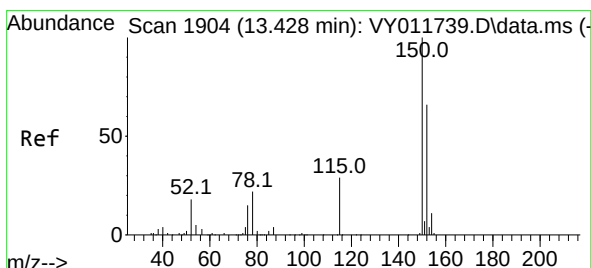
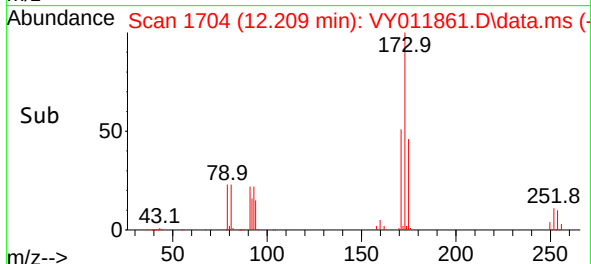
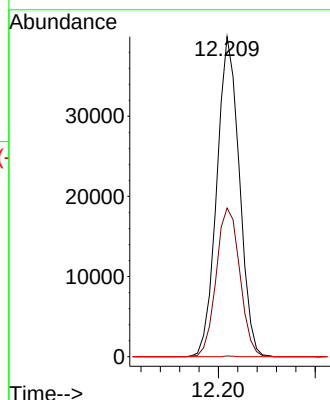
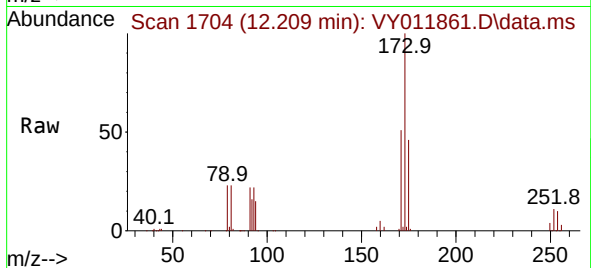
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

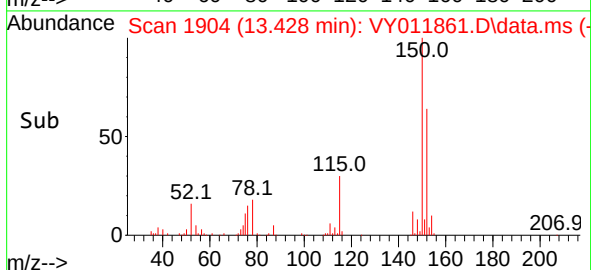
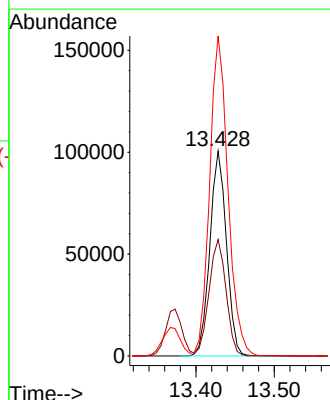
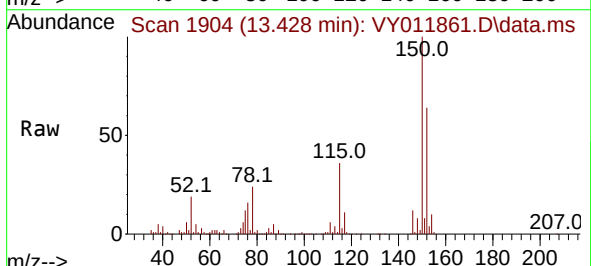
Tgt Ion:152 Resp: 147862

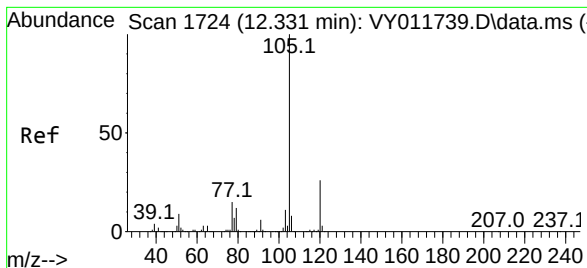
Ion Ratio Lower Upper

152 100

115 58.0 29.1 87.3

150 172.6 0.0 342.6





#73

Isopropylbenzene

Concen: 50.460 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 48340

Ion Ratio Lower Upper

105 100

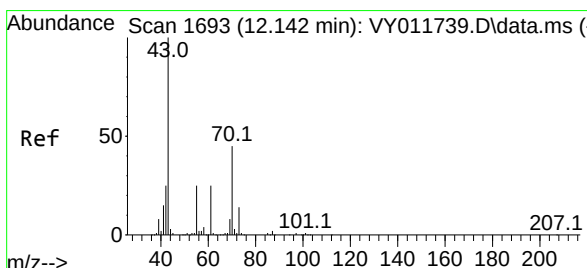
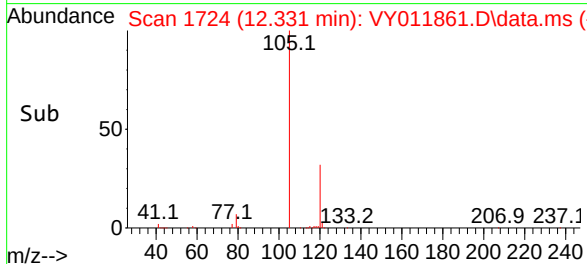
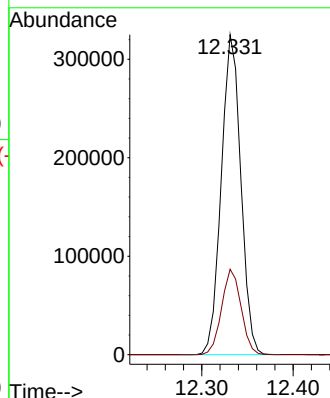
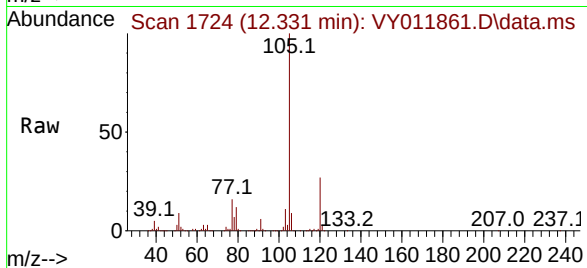
120 26.5 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#74

N-ethyl acetate

Concen: 47.639 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Tgt Ion: 43 Resp: 109729

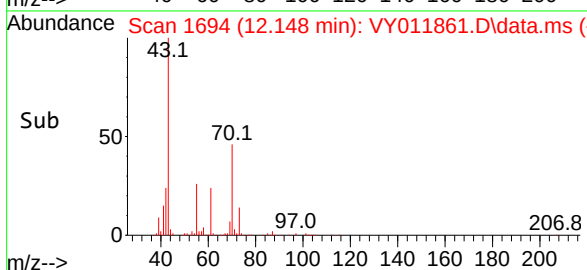
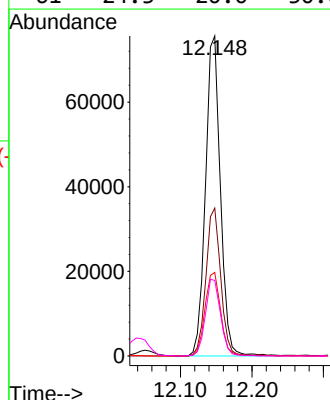
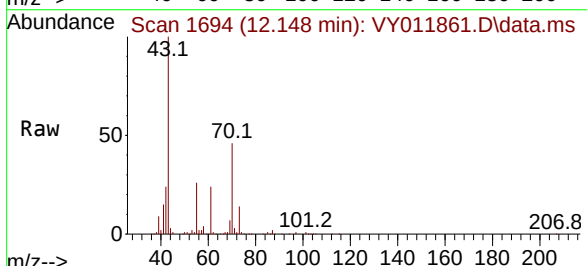
Ion Ratio Lower Upper

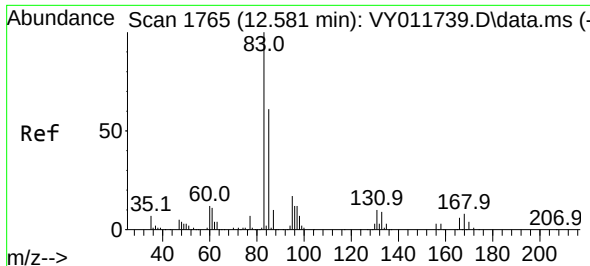
43 100

70 45.7 35.8 53.8

55 27.3 21.0 31.4

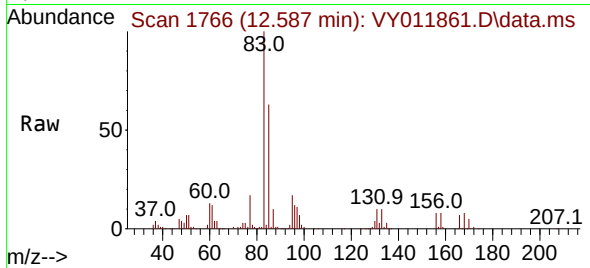
61 24.3 20.0 30.0





#75
1,1,2,2-Tetrachloroethane
Concen: 47.853 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

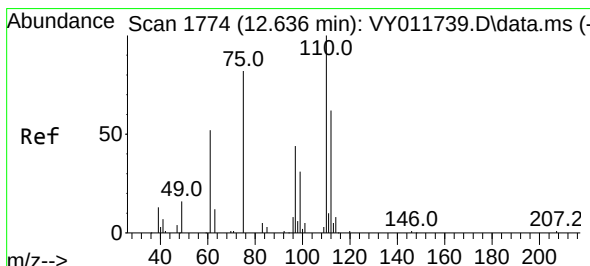
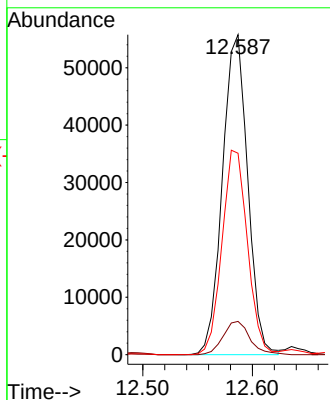
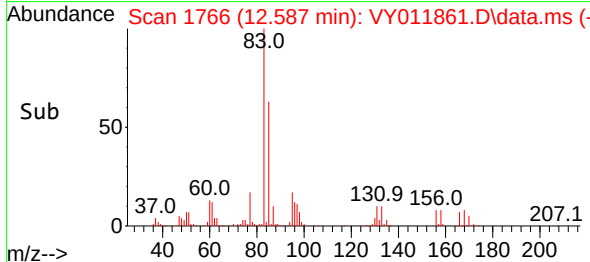
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 89279
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 64.5 32.3 96.8

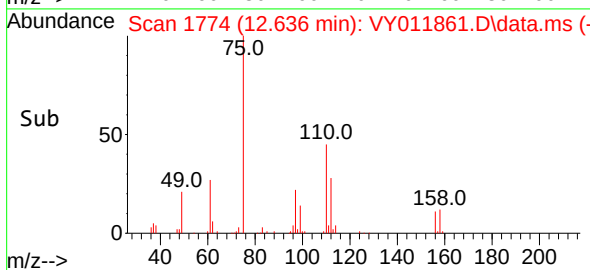
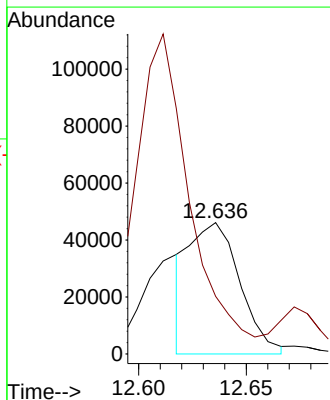
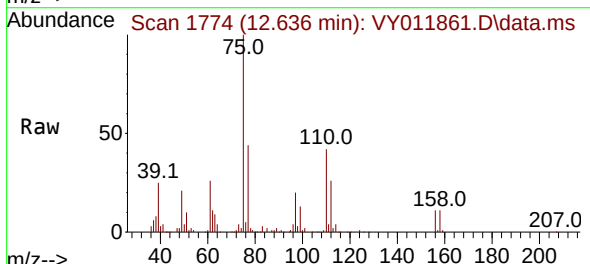
Manual Integrations
APPROVED

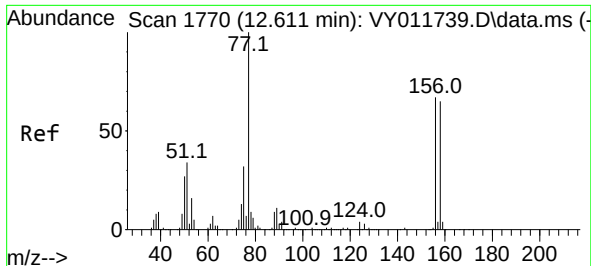
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#76
1,2,3-Trichloropropane
Concen: 50.662 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

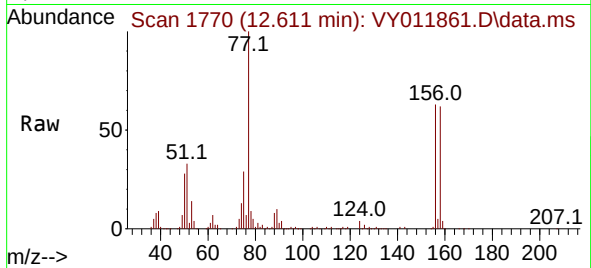
Tgt Ion: 75 Resp: 75789
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.438 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

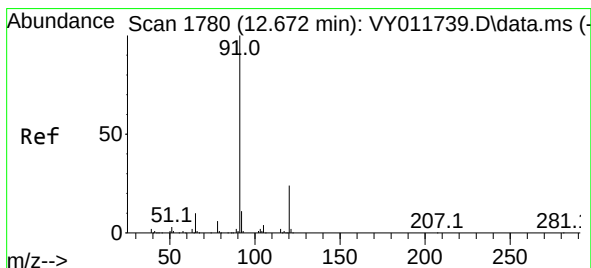
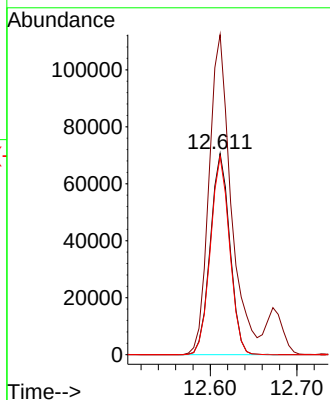
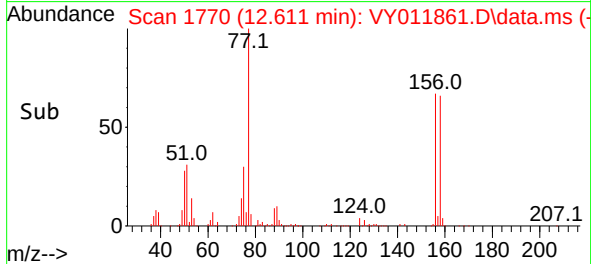
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



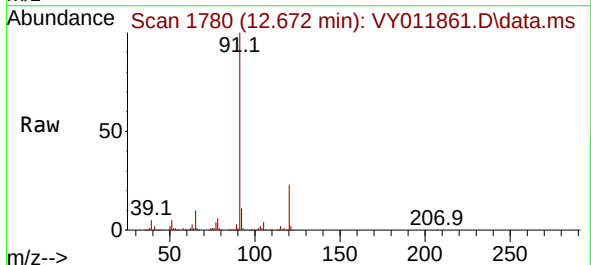
Tgt Ion:156 Resp: 11058
Ion Ratio Lower Upper
156 100
77 178.9 90.0 270.0
158 96.9 48.4 145.2

Manual Integrations
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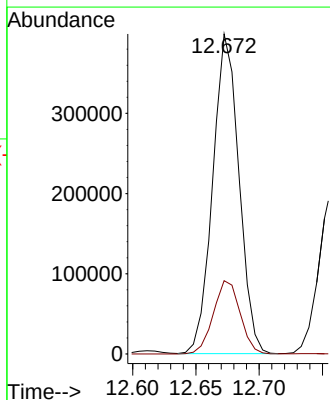
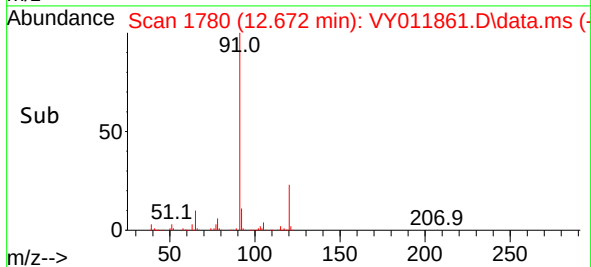
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

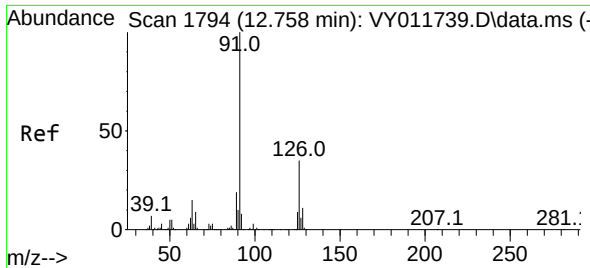


#78
n-propylbenzene
Concen: 50.080 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31



Tgt Ion: 91 Resp: 574949
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4





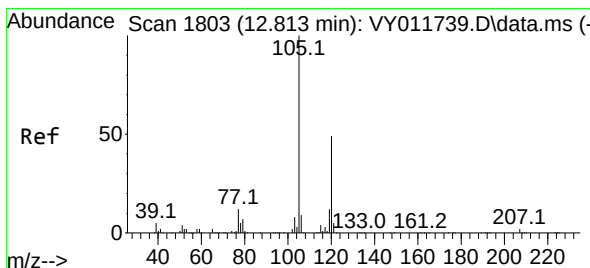
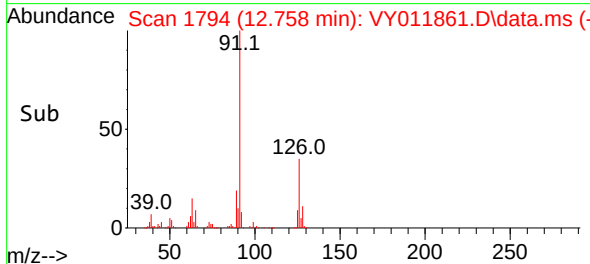
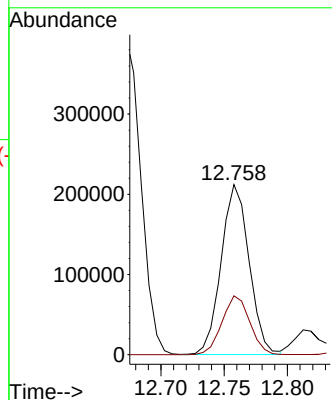
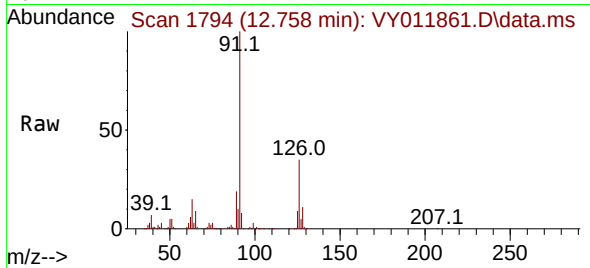
#79
2-Chlorotoluene
Concen: 49.693 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 325599
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.5

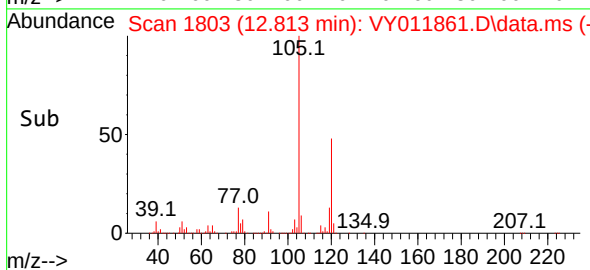
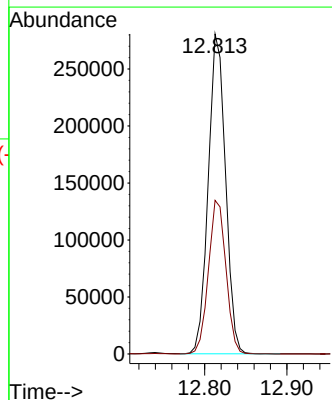
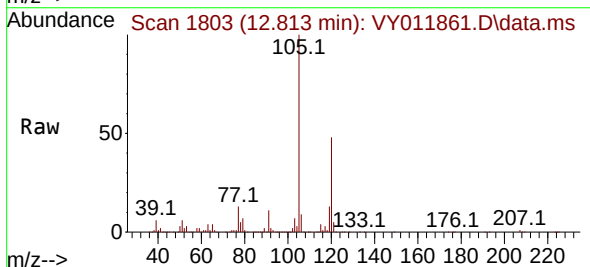
Manual Integrations
APPROVED

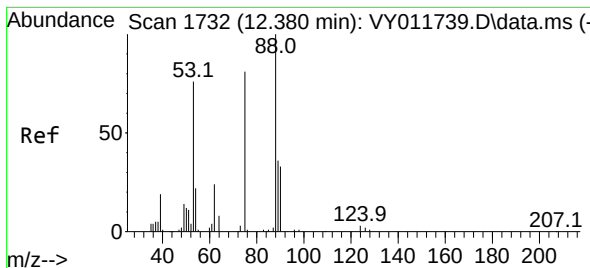
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.526 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

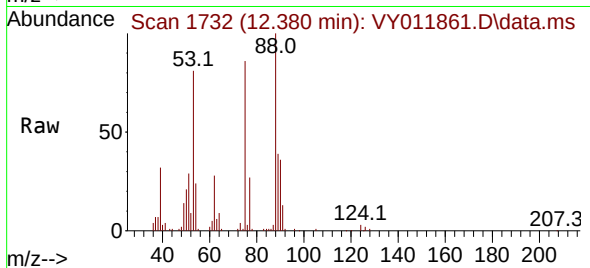
Tgt Ion:105 Resp: 409128
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.508 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

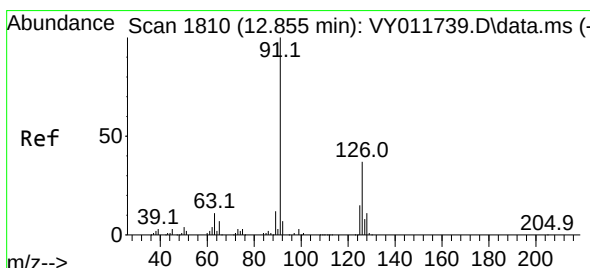
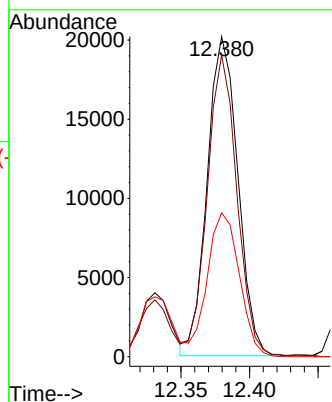
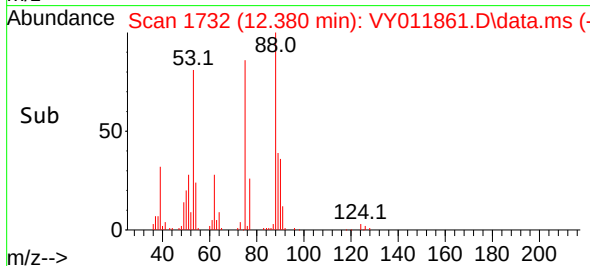
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 31320
Ion Ratio Lower Upper
75 100
53 91.5 72.5 108.7
89 47.0 37.0 55.4

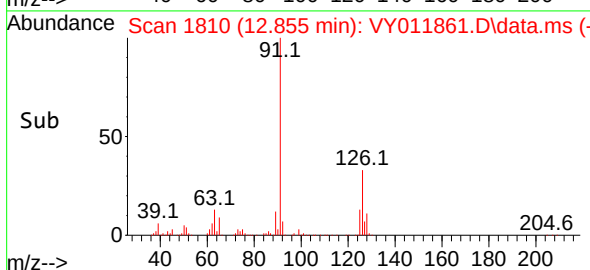
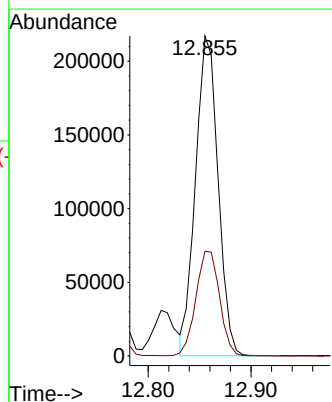
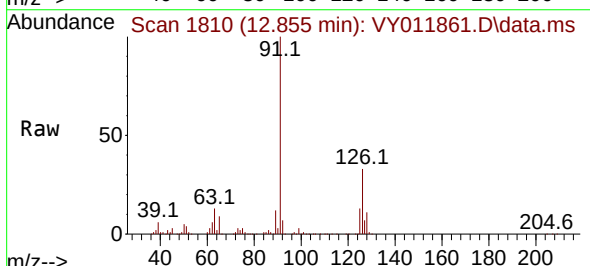
Manual Integrations
APPROVED

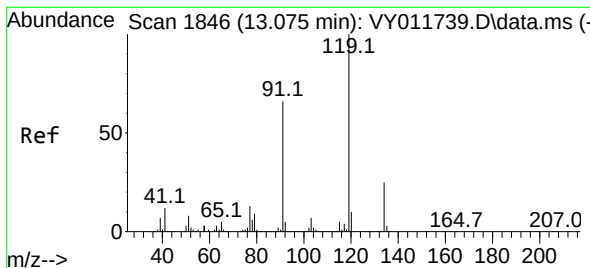
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#82
4-Chlorotoluene
Concen: 48.691 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

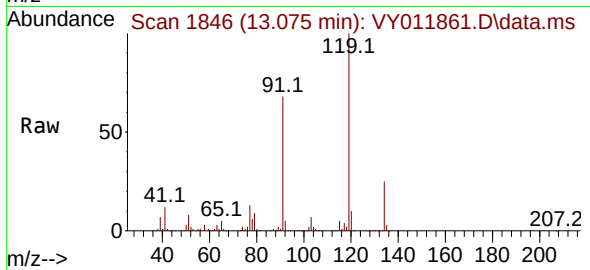
Tgt Ion: 91 Resp: 330902
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2





#83
tert-Butylbenzene
Concen: 51.996 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

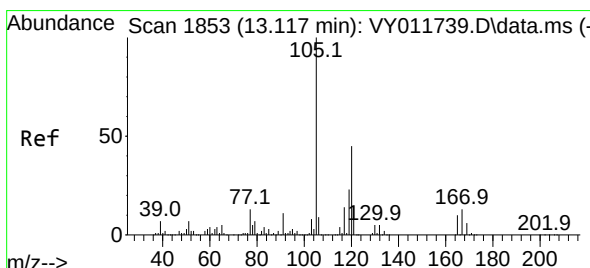
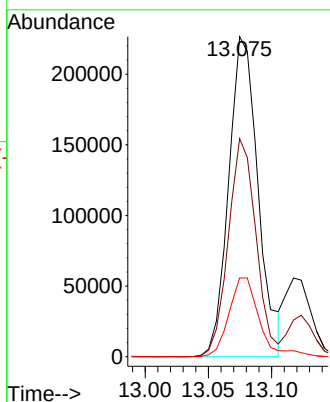
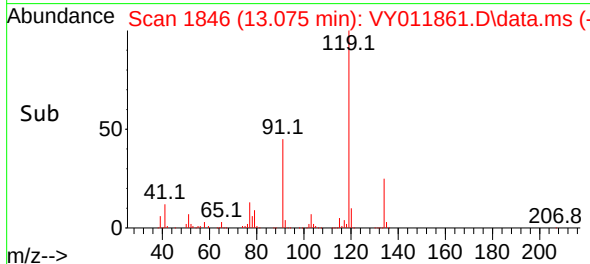
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



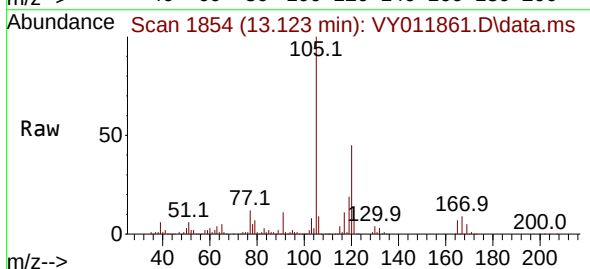
Tgt Ion:119 Resp: 366619
Ion Ratio Lower Upper
119 100
91 64.4 32.3 96.8
134 25.5 13.0 39.0

Manual Integrations
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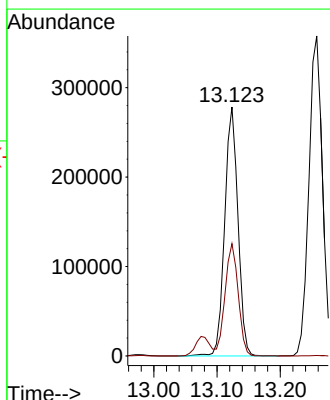
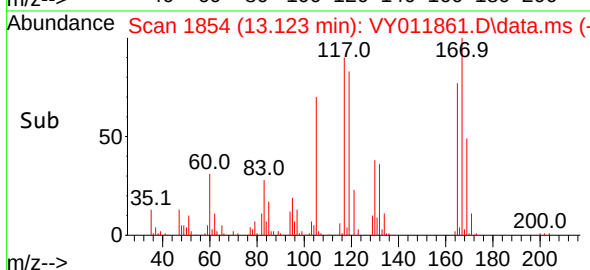
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

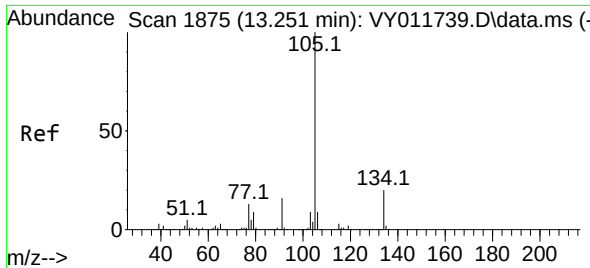


#84
1,2,4-Trimethylbenzene
Concen: 50.732 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31



Tgt Ion:105 Resp: 404476
Ion Ratio Lower Upper
105 100
120 44.3 22.9 68.7





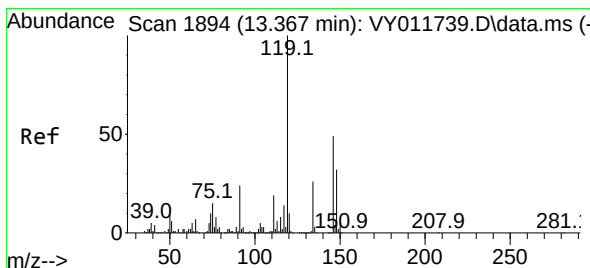
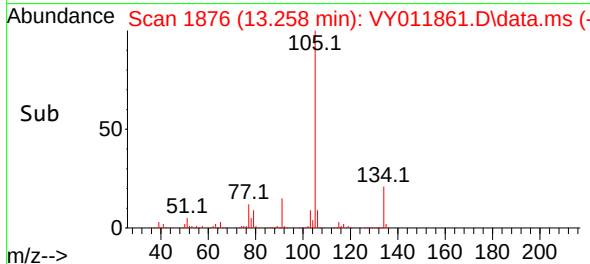
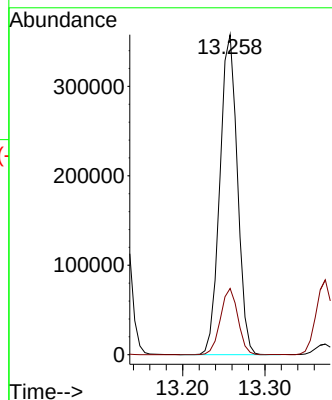
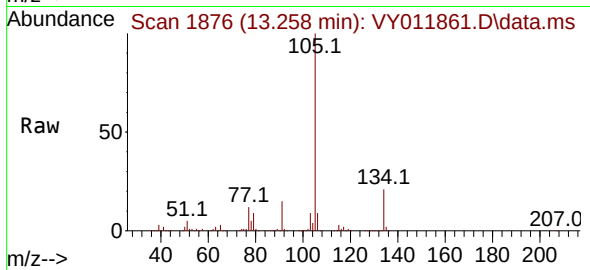
#85
 sec-Butylbenzene
 Concen: 50.503 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY011861.D
 Acq: 15 Dec 2022 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 530300
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.3

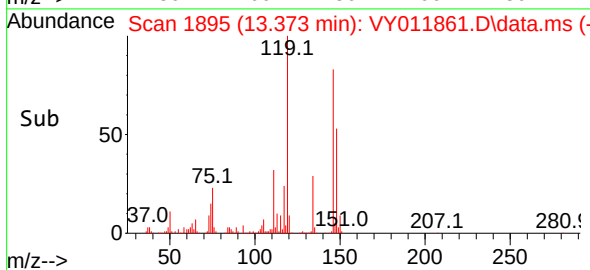
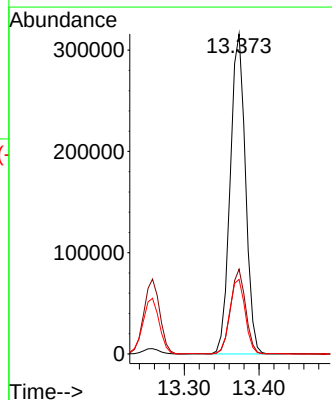
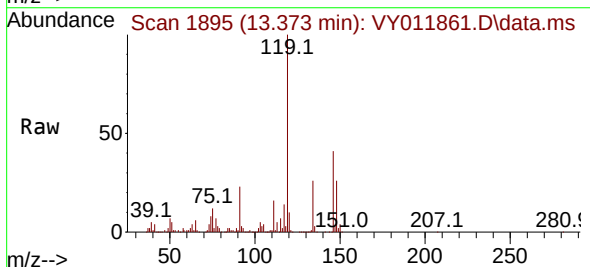
Manual Integrations
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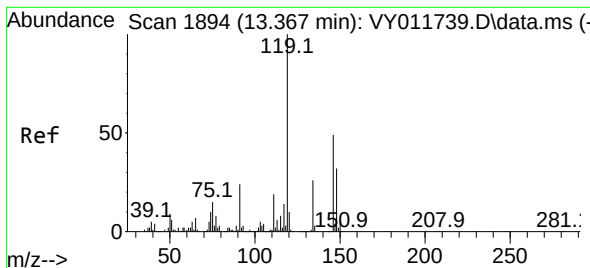
Reviewed By :Krupa Patel 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#86
 p-Isopropyltoluene
 Concen: 51.202 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY011861.D
 Acq: 15 Dec 2022 10:31

Tgt Ion:119 Resp: 447482
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 23.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 49.363 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 222199

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.0

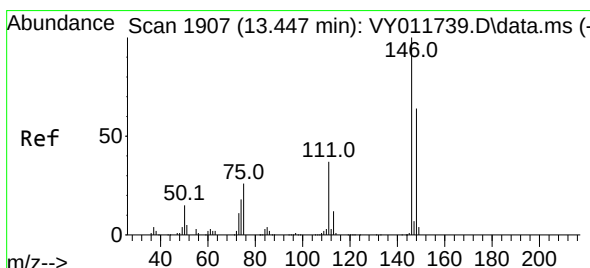
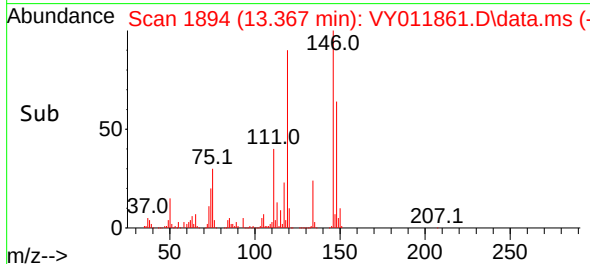
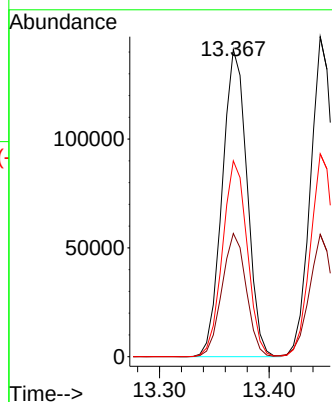
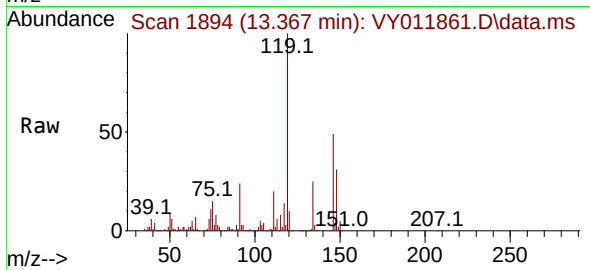
148 63.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#88

1,4-Dichlorobenzene

Concen: 48.950 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

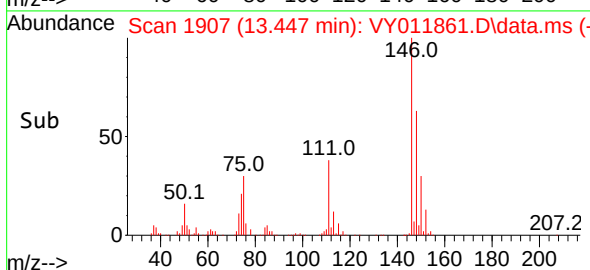
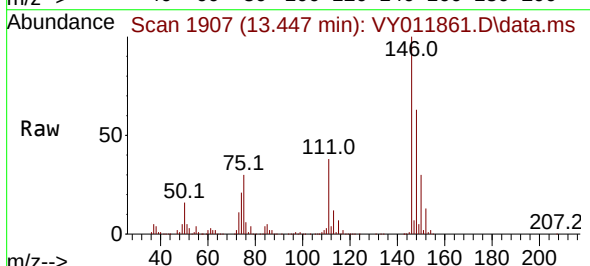
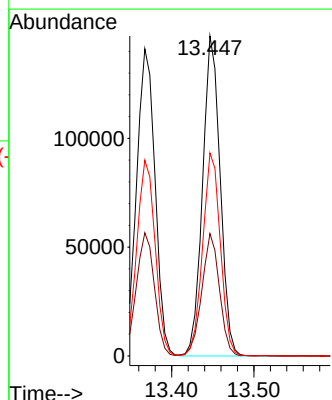
Tgt Ion:146 Resp: 218989

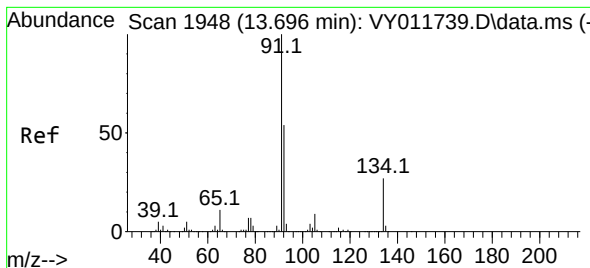
Ion Ratio Lower Upper

146 100

111 38.4 19.6 58.7

148 63.9 31.9 95.7





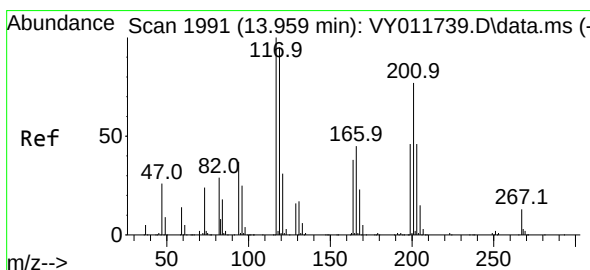
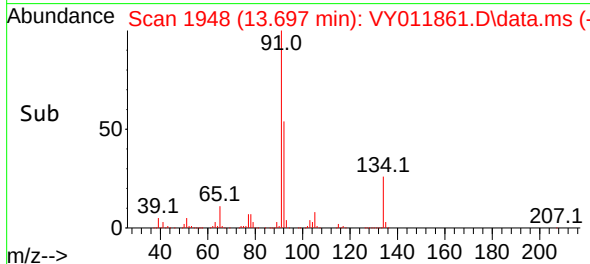
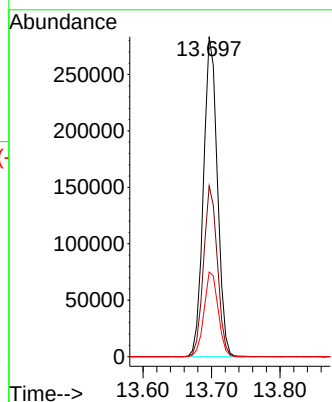
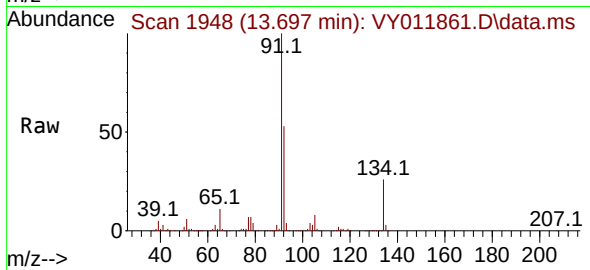
#89
n-Butylbenzene
Concen: 50.612 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 40209
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.4
134 26.7 13.3 39.8

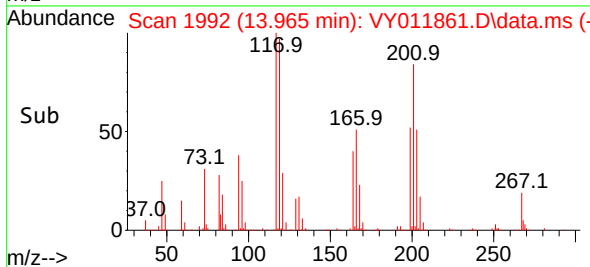
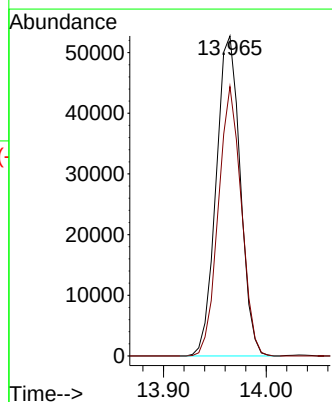
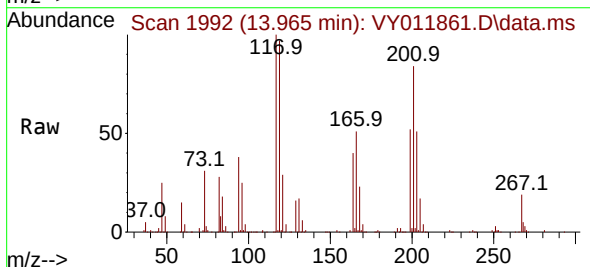
Manual Integrations
APPROVED

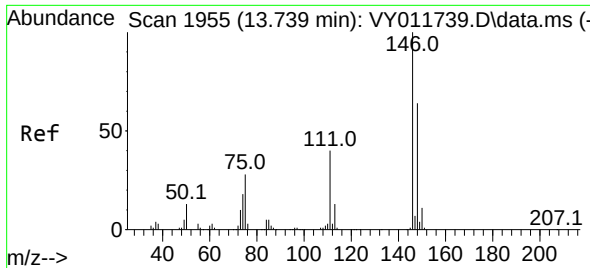
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#90
Hexachloroethane
Concen: 49.402 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Tgt Ion:117 Resp: 85794
Ion Ratio Lower Upper
117 100
201 80.2 40.3 120.8





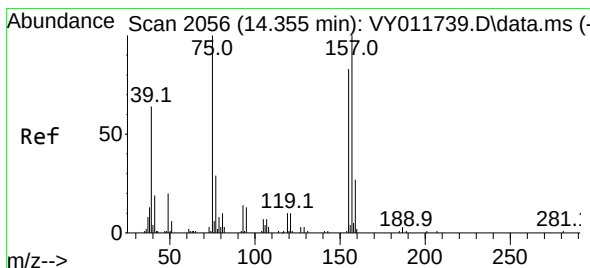
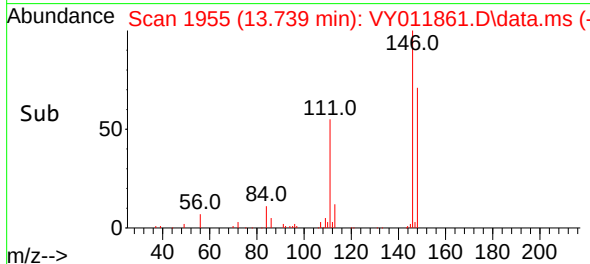
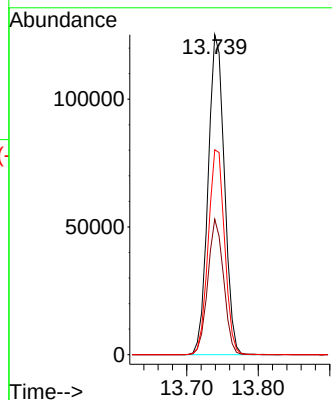
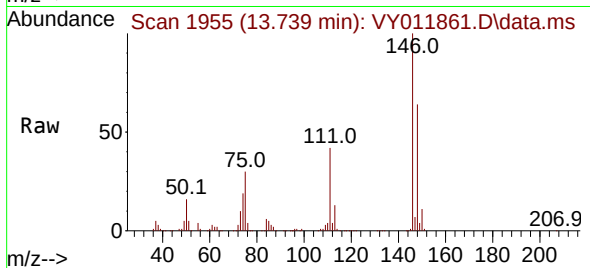
#91
1,2-Dichlorobenzene
Concen: 48.876 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 197979
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.8
148 64.4 31.8 95.4

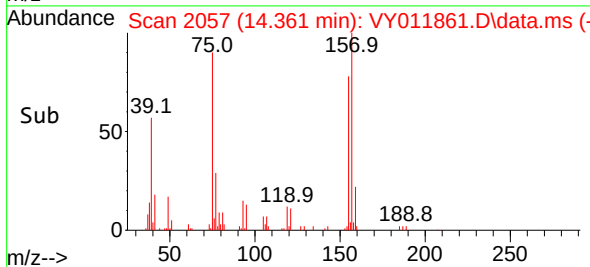
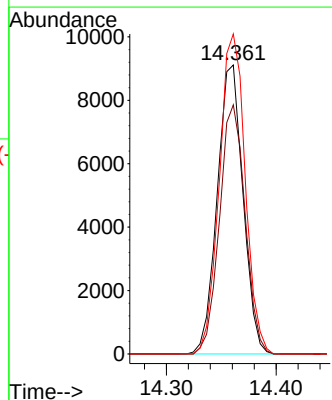
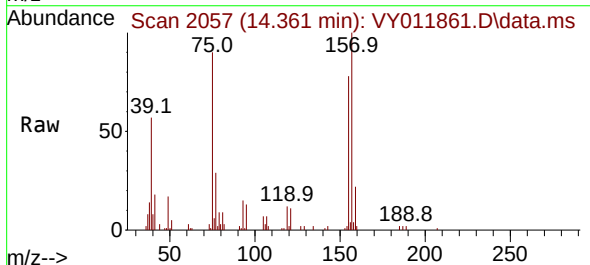
Manual Integrations
APPROVED

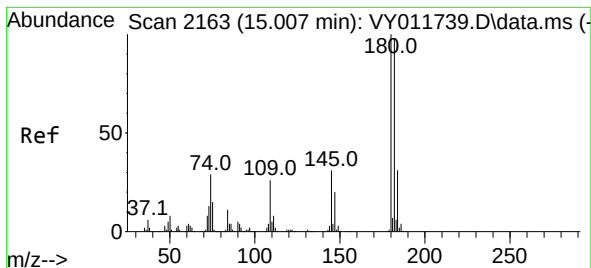
Reviewed By :Krupa Patel 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.705 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY011861.D
Acq: 15 Dec 2022 10:31

Tgt Ion: 75 Resp: 14867
Ion Ratio Lower Upper
75 100
155 85.7 42.3 126.8
157 111.3 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 49.129 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 11606

Ion Ratio Lower Upper

180 100

182 94.9 48.1 144.3

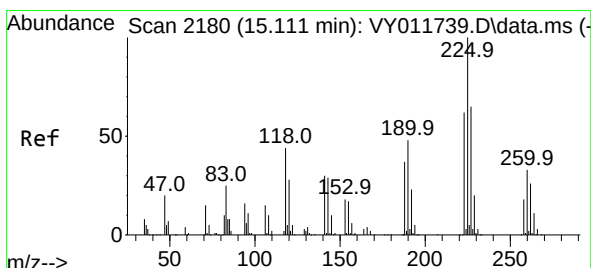
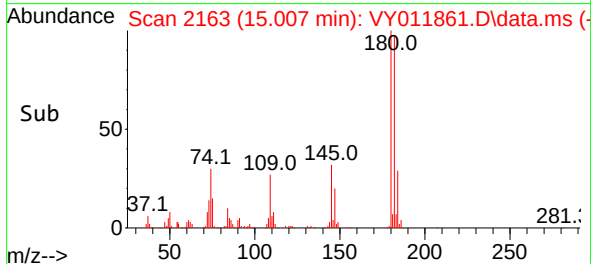
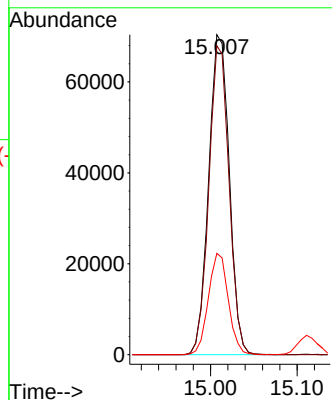
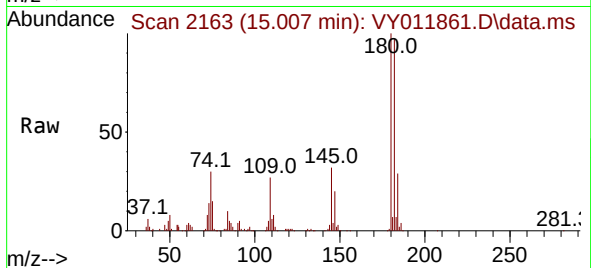
145 30.7 15.4 46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#94

Hexachlorobutadiene

Concen: 48.855 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

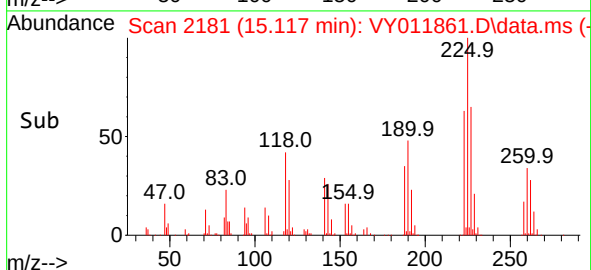
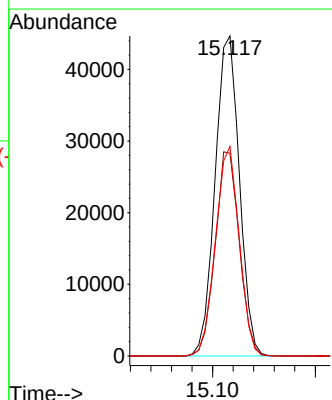
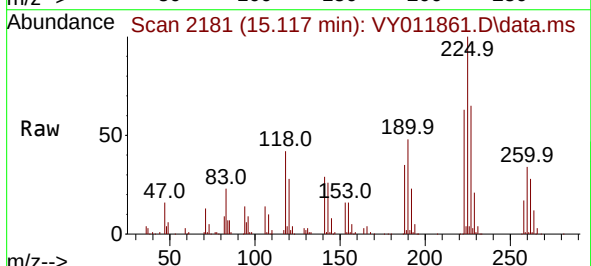
Tgt Ion:225 Resp: 73335

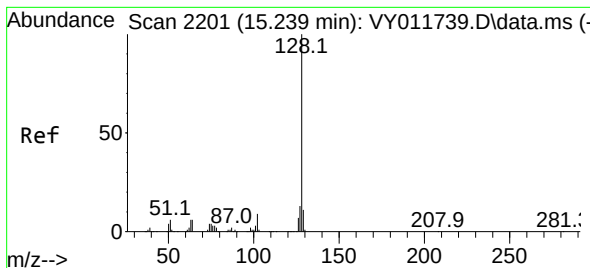
Ion Ratio Lower Upper

225 100

223 63.2 31.4 94.2

227 64.0 32.6 97.8





#95

Naphthalene

Concen: 48.908 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

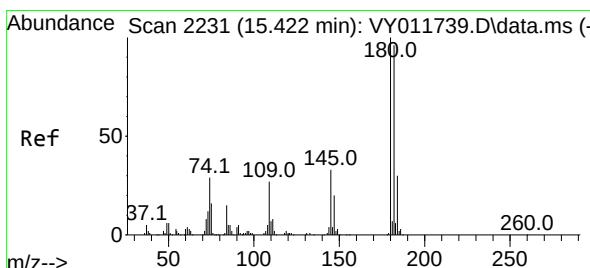
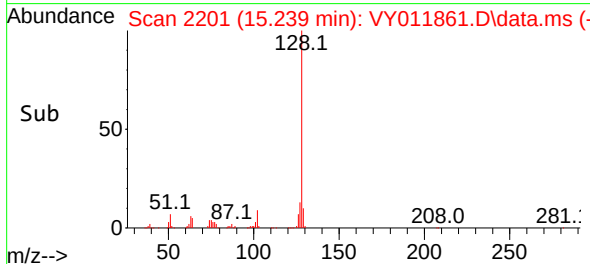
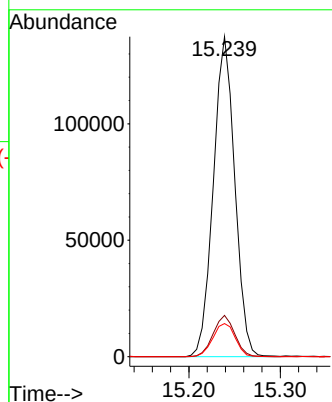
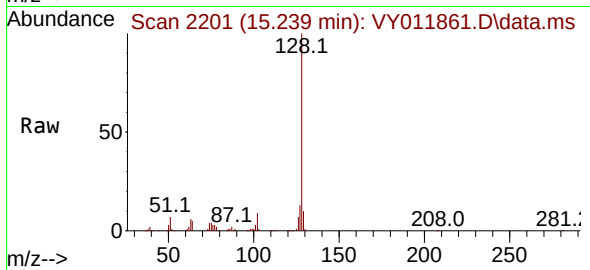
Tgt Ion:	128	Resp:	223794
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#96

1,2,3-Trichlorobenzene

Concen: 48.881 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY011861.D

Acq: 15 Dec 2022 10:31

Tgt Ion:	180	Resp:	99751
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.9	143.7
145	32.4	16.1	48.2

